

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113818.D
 Acq On : 18 Apr 2019 15:34
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 16:06:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	186650	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	738949	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375809	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	720987	20.00	ng	0.00
76) Chrysene-d12	14.04	240	562418	20.00	ng	0.00
87) Perylene-d12	15.51	264	417680	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	918611	81.83	ng	0.00
7) Phenol-d6	6.52	99	1140762	81.49	ng	0.00
23) Nitrobenzene-d5	7.46	82	1016046	83.73	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	349138	84.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1890673	76.72	ng	0.00
79) Terphenyl-d14	12.99	244	2194398	81.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	225150	40.309	ng	99
3) Pyridine	3.45	79	623598	40.577	ng	100
4) n-Nitrosodimethylamine	3.40	42	215444	40.167	ng	98
6) Aniline	6.56	93	799311	40.238	ng	99
8) 2-Chlorophenol	6.68	128	517383	41.068	ng	99
9) Benzaldehyde	6.44	77	337626	42.388	ng	99
10) Phenol	6.53	94	644018	41.040	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	517225	40.601	ng	99
12) 1,3-Dichlorobenzene	6.84	146	576967	41.221	ng	99
13) 1,4-Dichlorobenzene	6.92	146	575869	41.123	ng	99
14) 1,2-Dichlorobenzene	7.07	146	539584	41.812	ng	99
15) Benzyl Alcohol	7.03	79	469613	41.410	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	624032	40.386	ng	99
17) 2-Methylphenol	7.14	107	414447	40.274	ng	99
18) Hexachloroethane	7.41	117	207878	41.393	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	374568	40.087	ng	99
20) 3+4-Methylphenols	7.29	107	513922	41.565	ng	98
22) Acetophenone	7.30	105	686353	40.767	ng	99
24) Nitrobenzene	7.47	77	562455	41.242	ng	99
25) Isophorone	7.72	82	999566	39.785	ng	100
26) 2-Nitrophenol	7.79	139	239831	44.267	ng	90
27) 2,4-Dimethylphenol	7.82	122	421375	40.735	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	642609	40.250	ng	100
29) 2,4-Dichlorophenol	8.03	162	450008	40.828	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	501738	40.982	ng	99
31) Naphthalene	8.20	128	1445674	41.361	ng	100
32) Benzoic acid	7.93	122	194485	30.812	ng	99
33) 4-Chloroaniline	8.24	127	595219	40.142	ng	99
34) Hexachlorobutadiene	8.32	225	310671	41.533	ng	99
35) Caprolactam	8.61	113	141617	39.803	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	441417	40.389	ng	99
37) 2-Methylnaphthalene	8.89	142	945995	40.793	ng	99
38) 1-Methylnaphthalene	8.99	142	920268	40.896	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	489022	41.004	ng	100

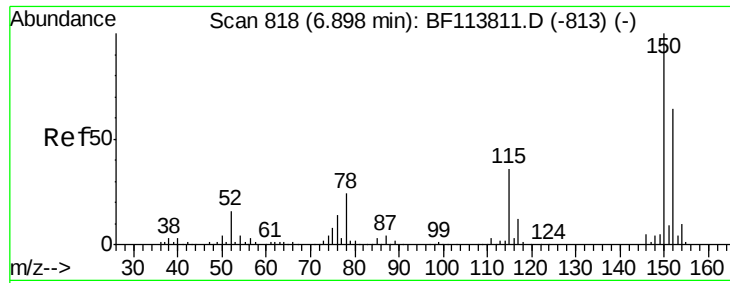
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	264309	40.315	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	313747	40.870	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	343583	41.473	ng	99
46) 1,1'-Biphenyl	9.35	154	1179526	41.477	ng	99
47) 2-Chloronaphthalene	9.37	162	953685	40.966	ng	98
48) 2-Nitroaniline	9.46	65	265017	43.749	ng	98
49) Acenaphthylene	9.79	152	1499249	41.176	ng	100
50) Dimethylphthalate	9.65	163	1072921	40.796	ng	99
51) 2,6-Dinitrotoluene	9.70	165	245919	42.369	ng #	84
52) Acenaphthene	9.96	154	878566	41.136	ng	100
53) 3-Nitroaniline	9.87	138	261802	42.597	ng	96
54) 2,4-Dinitrophenol	9.97	184	78163	41.352	ng #	59
55) Dibenzofuran	10.13	168	1320584	41.277	ng	97
56) 4-Nitrophenol	10.02	139	215106	43.007	ng	98
57) 2,4-Dinitrotoluene	10.10	165	314042	43.611	ng #	89
58) Fluorene	10.48	166	967320	40.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	293212	41.476	ng	98
60) Diethylphthalate	10.35	149	1024818	40.658	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	506980	41.482	ng	99
62) 4-Nitroaniline	10.49	138	243154	41.128	ng	99
63) Azobenzene	10.63	77	1058869	40.881	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	120570	41.550	ng	99
66) n-Nitrosodiphenylamine	10.59	169	892320	40.829	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	344324	40.668	ng	99
68) Hexachlorobenzene	11.03	284	378085	40.606	ng	100
69) Atrazine	11.11	200	281575	41.642	ng	98
70) Pentachlorophenol	11.22	266	222622	42.175	ng	99
71) Phenanthrene	11.44	178	1503009	40.931	ng	100
72) Anthracene	11.49	178	1517763	41.017	ng	100
73) Carbazole	11.64	167	1368355	40.730	ng	100
74) Di-n-butylphthalate	11.97	149	1548014	41.401	ng	100
75) Fluoranthene	12.62	202	1586865	40.776	ng	99
77) Benzidine	12.73	184	811783	54.690	ng	98
78) Pyrene	12.85	202	1606867	40.540	ng	99
80) Butylbenzylphthalate	13.47	149	601597	40.972	ng	97
81) Benzo(a)anthracene	14.03	228	1319047	40.122	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	495697	42.421	ng	98
83) Chrysene	14.07	228	1316636	40.348	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	715657	40.742	ng	99
85) Di-n-octyl phthalate	14.64	149	1080937	39.661	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	999867	37.534	ng	99
88) Benzo(b)fluoranthene	15.08	252	1116077	42.863	ng	99
89) Benzo(k)fluoranthene	15.11	252	951507	40.121	ng	99
90) Benzo(a)pyrene	15.44	252	933879	40.561	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	821646	40.108	ng	99
92) Benzo(g,h,i)perylene	17.42	276	836908	40.193	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

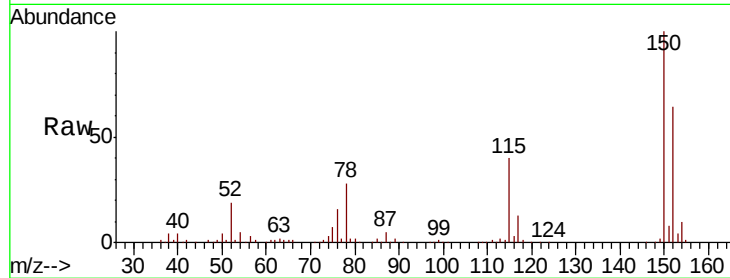


#1

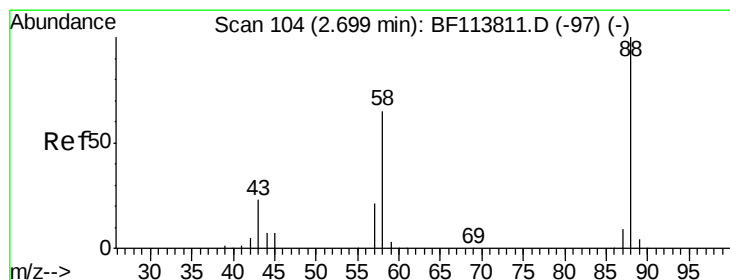
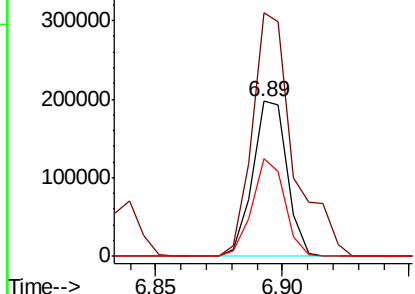
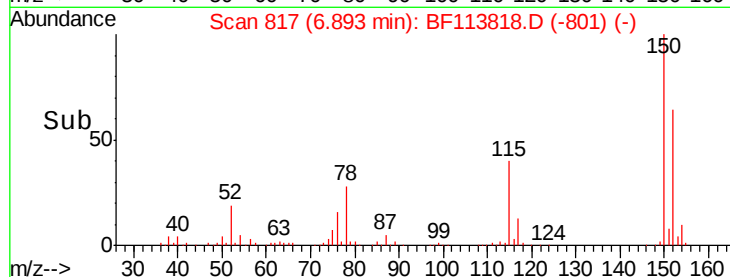
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186650
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 62.8 45.9 68.9



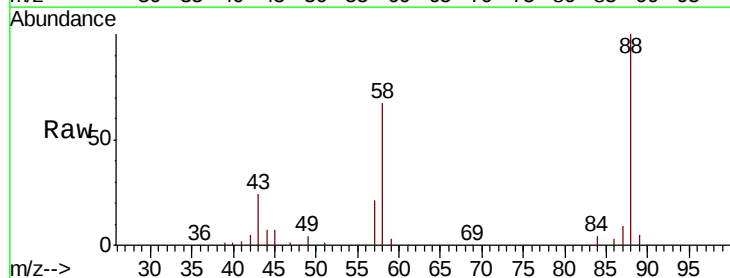
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



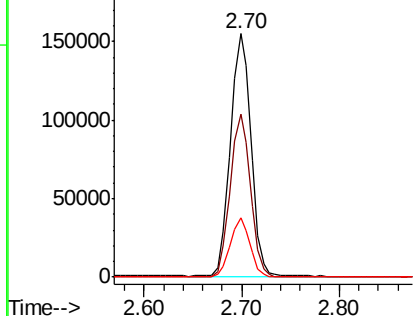
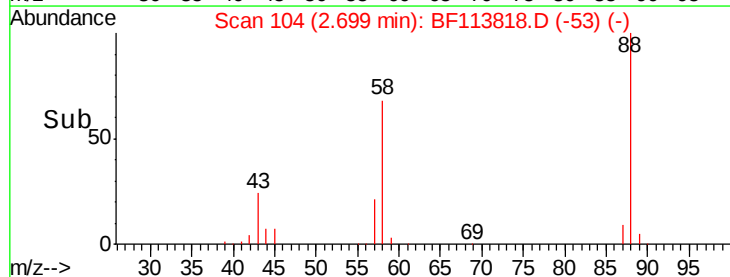
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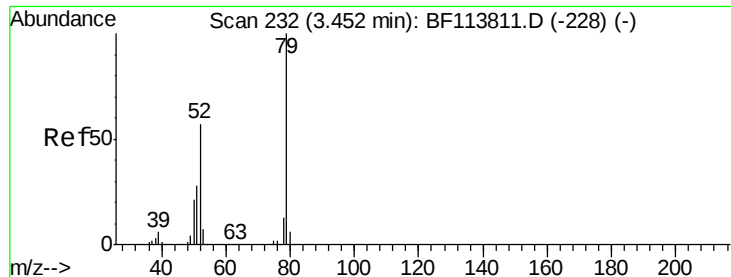
1,4-Dioxane
Concen: 40.309 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion: 88 Resp: 225150
Ion Ratio Lower Upper
88 100
58 66.0 53.3 79.9
43 23.4 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.577 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

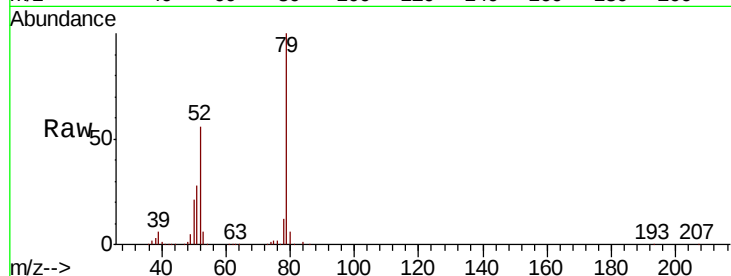
Tot Ion: 79 Resp: 623598

Ion Ratio Lower Upper

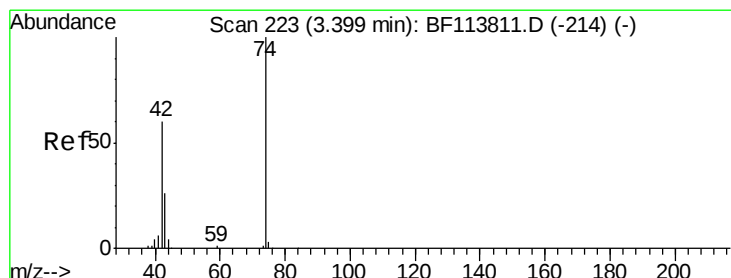
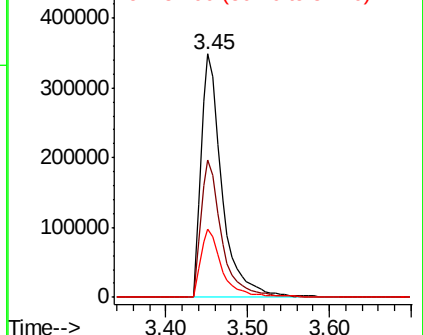
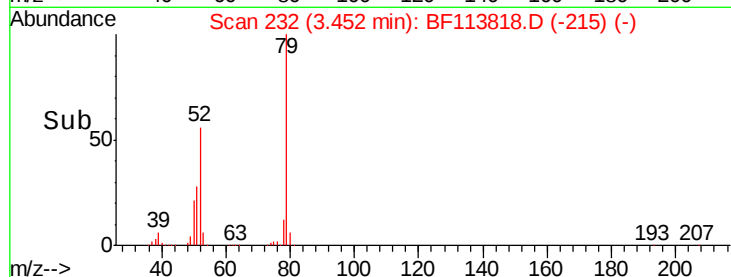
79 100

52 56.2 45.3 67.9

51 27.8 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.167 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

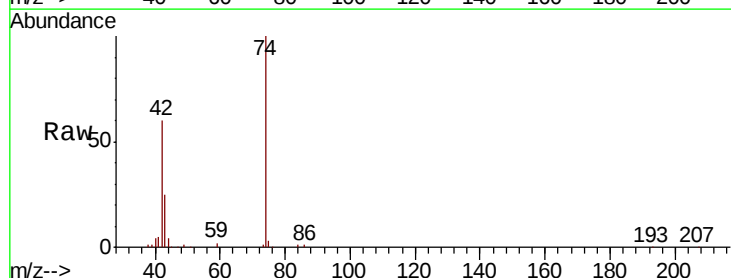
Tgt Ion: 42 Resp: 215444

Ion Ratio Lower Upper

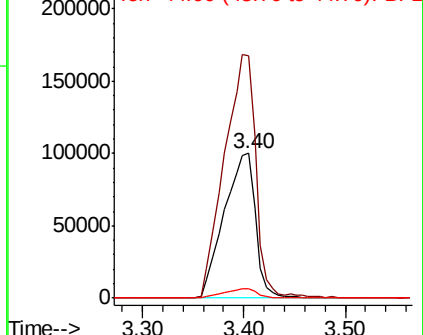
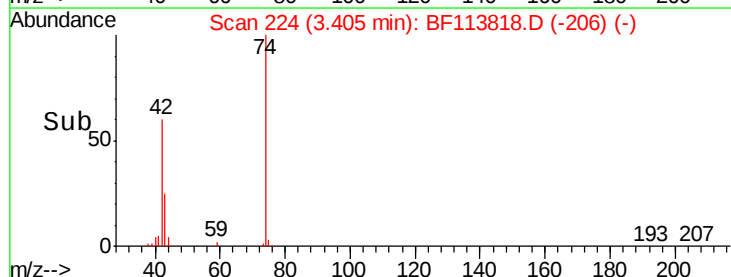
42 100

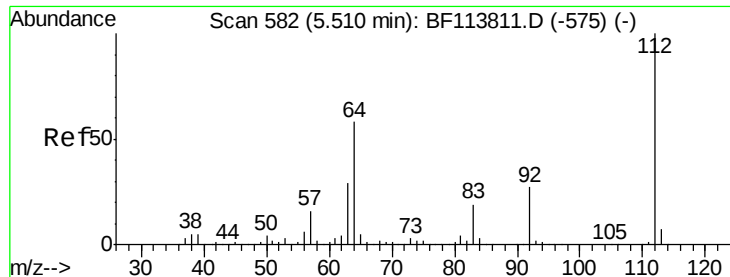
74 167.7 132.6 198.8

44 6.4 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

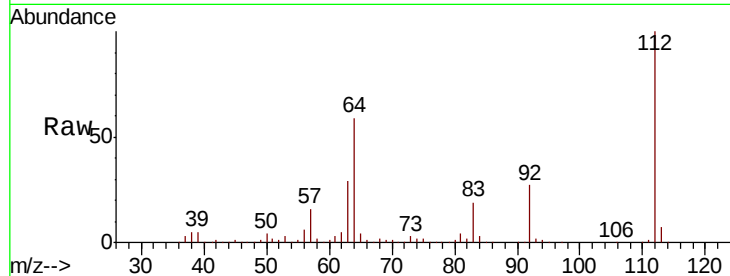




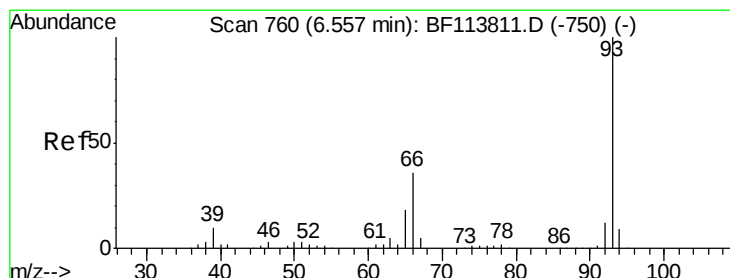
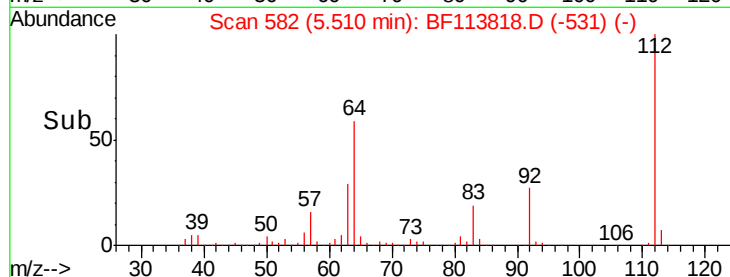
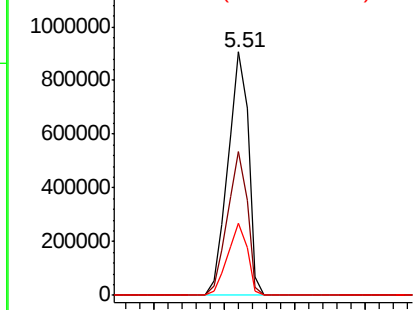
#5
2-Fluorophenol
Concen: 81.835 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 918611
Ion Ratio Lower Upper
112 100
64 58.8 46.6 69.8
63 29.4 23.1 34.7

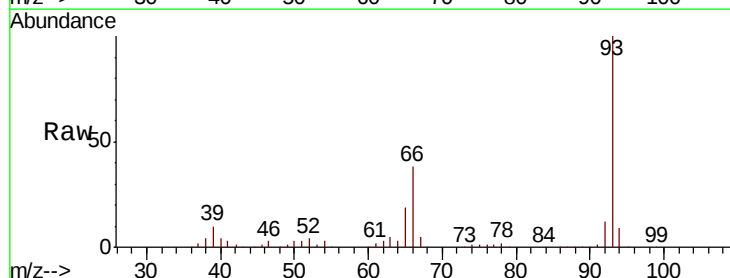


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

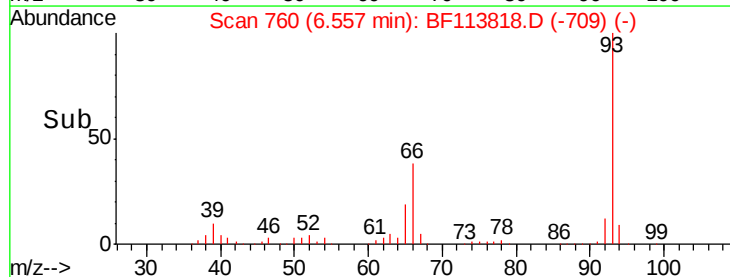
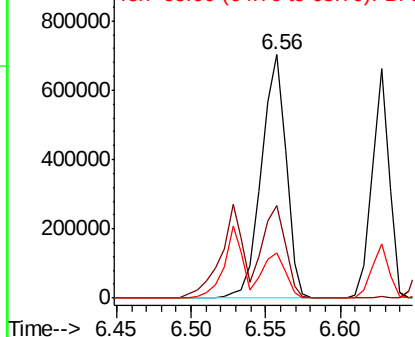


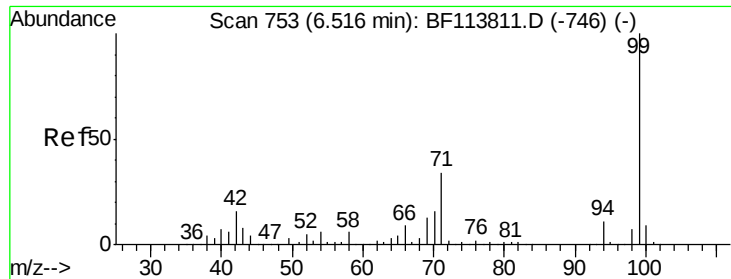
#6
Aniline
Concen: 40.238 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion: 93 Resp: 799311
Ion Ratio Lower Upper
93 100
66 37.8 29.8 44.6
65 18.7 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.491 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

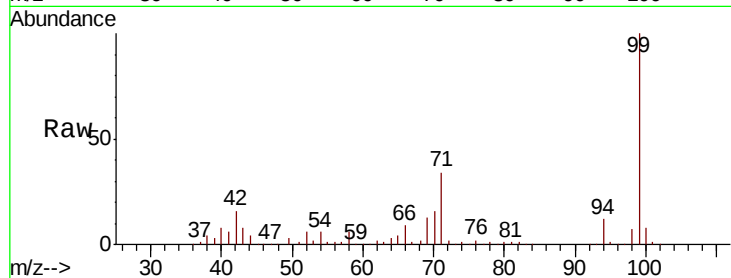
Tot Ion: 99 Resp: 1140762

Ion Ratio Lower Upper

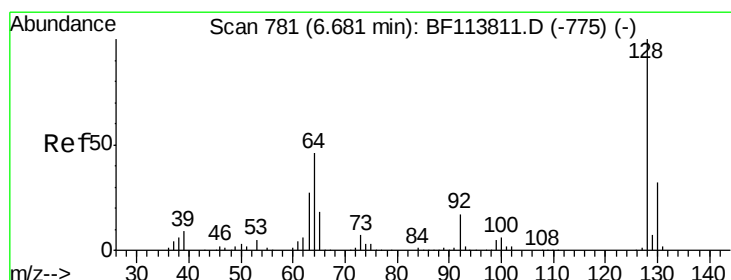
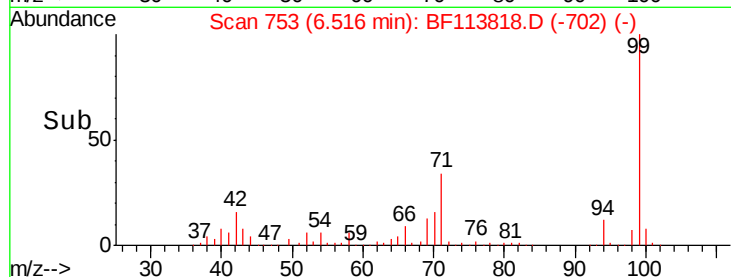
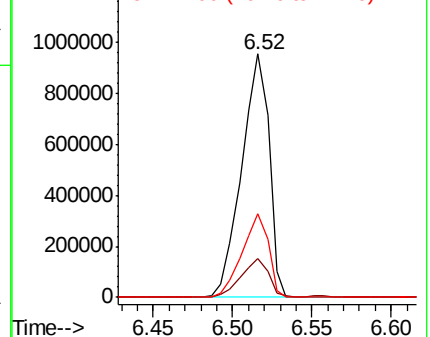
99 100

42 16.1 12.5 18.7

71 34.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.068 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

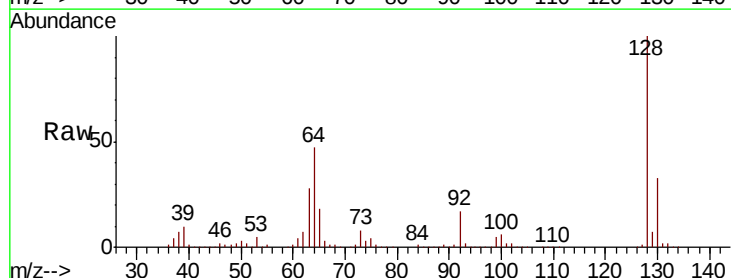
Tgt Ion: 128 Resp: 517383

Ion Ratio Lower Upper

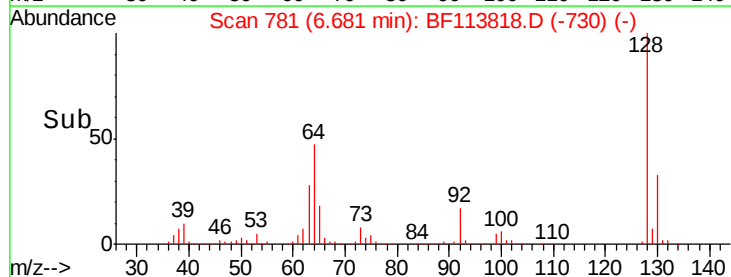
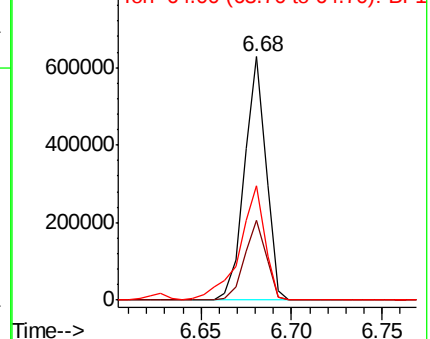
128 100

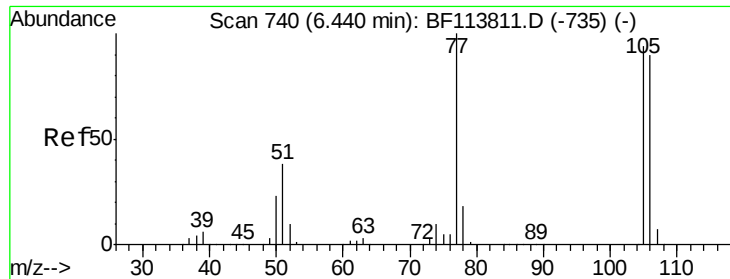
130 32.8 12.3 52.3

64 47.0 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.388 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

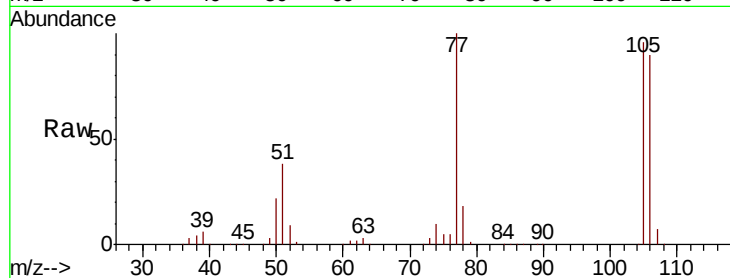
Tot Ion: 77 Resp: 337626

Ion Ratio Lower Upper

77 100

105 95.8 74.1 114.1

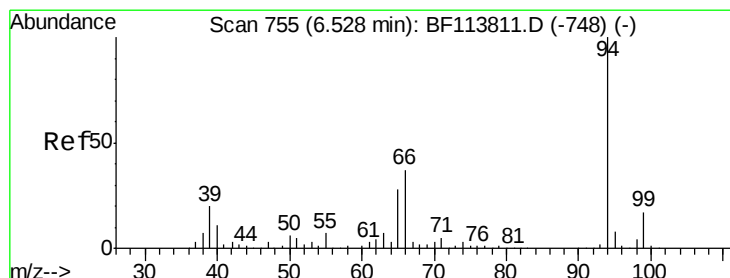
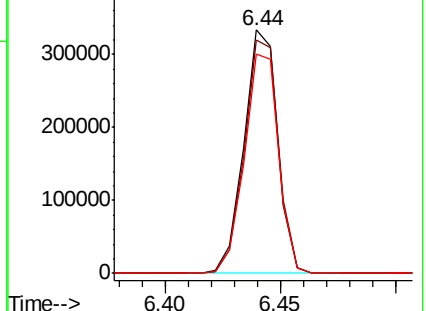
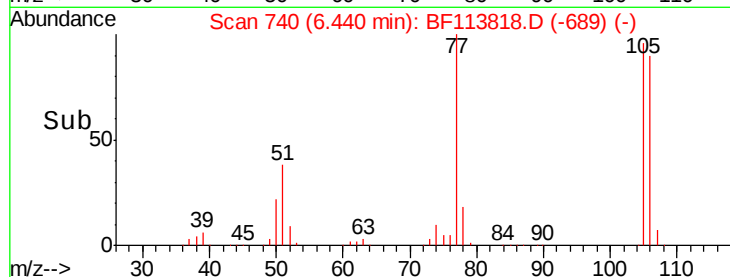
106 90.3 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.040 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

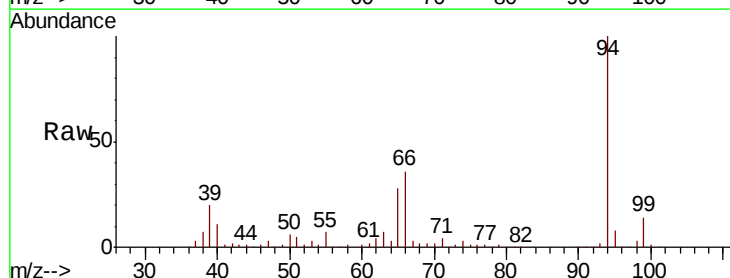
Tgt Ion: 94 Resp: 644018

Ion Ratio Lower Upper

94 100

65 27.6 8.1 48.1

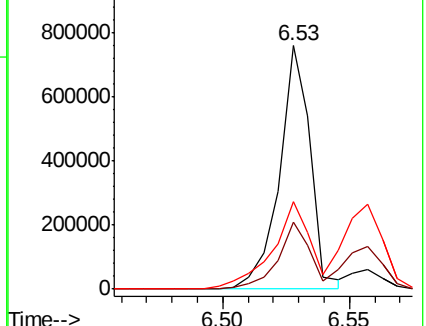
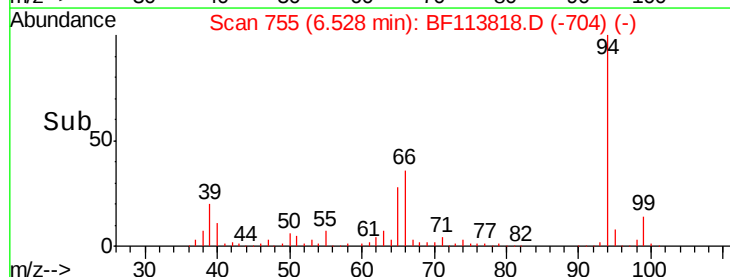
66 35.7 16.6 56.6

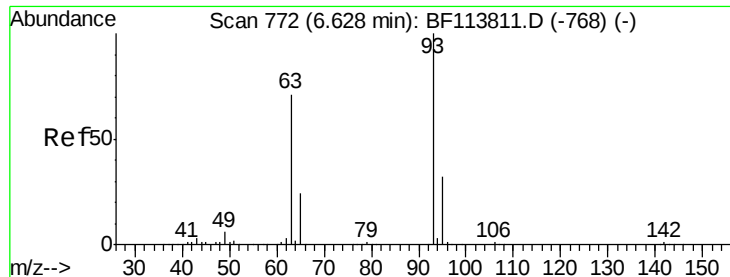


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



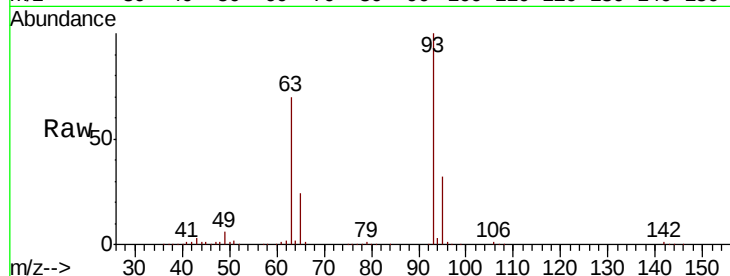


#11

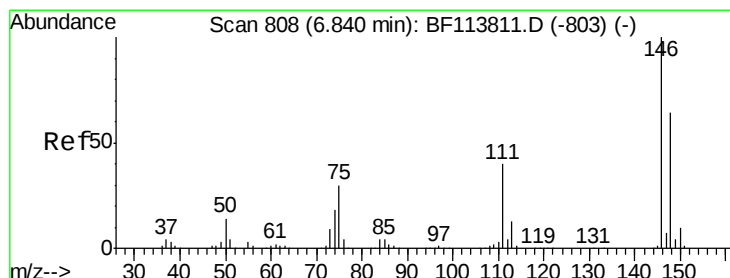
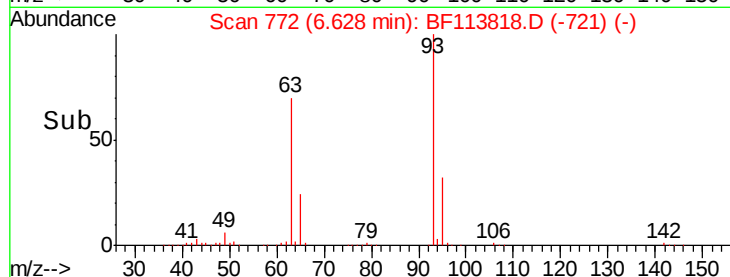
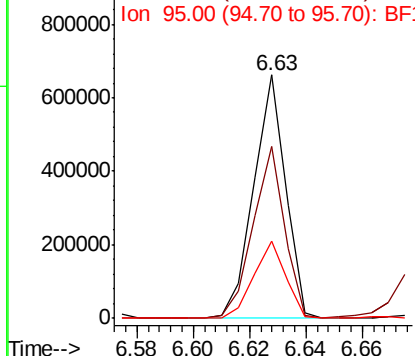
bis(2-Chloroethyl)ether
Concen: 40.601 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.7	90.7
95	31.6	12.3	52.3



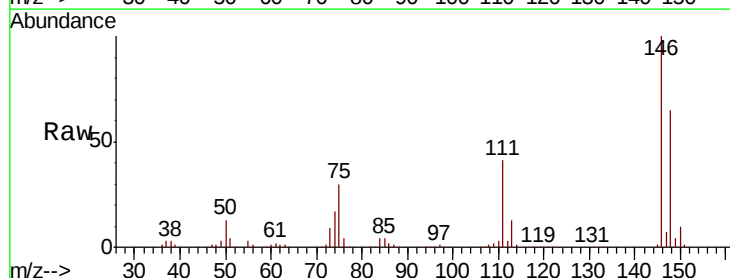
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



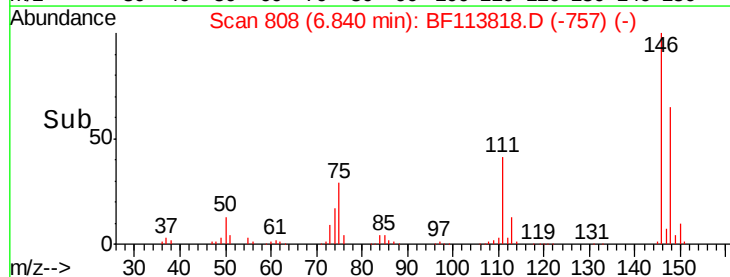
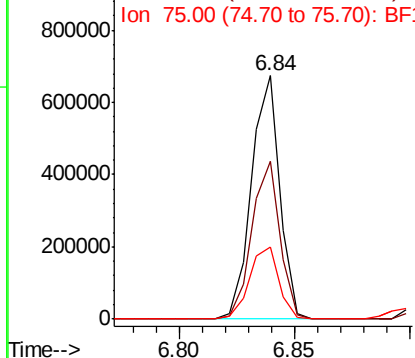
#12

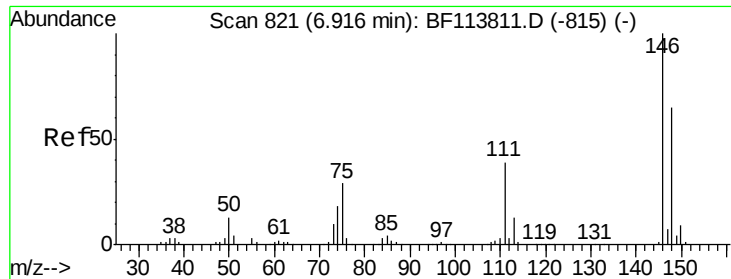
1,3-Dichlorobenzene
Concen: 41.221 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
75	29.5	23.8	35.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

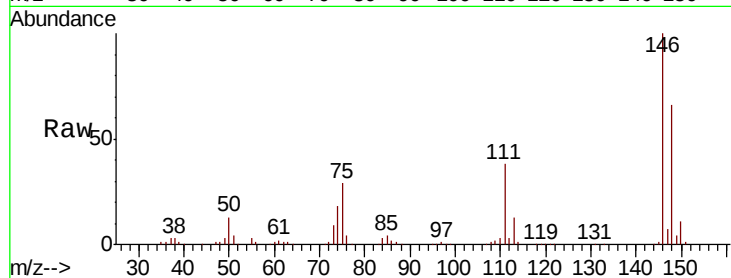




#13
 1,4-Dichlorobenzene
 Concen: 41.123 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.8	77.8
111	38.5	30.9	46.3

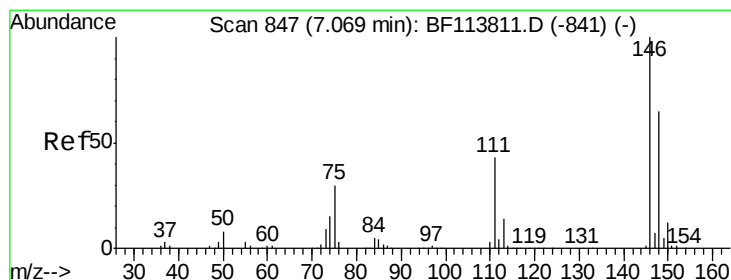
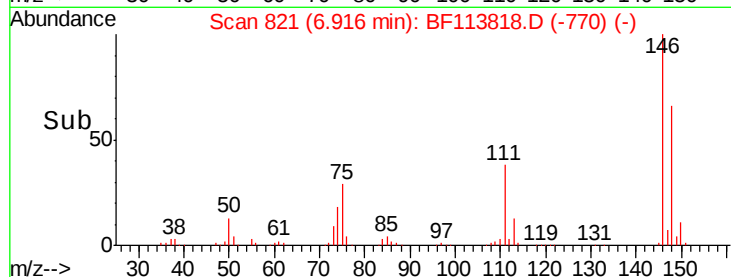
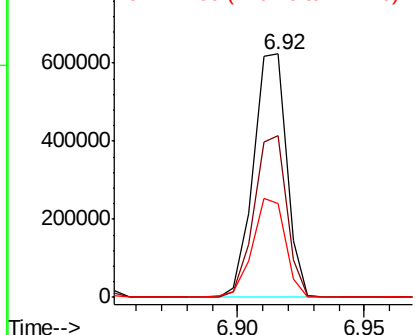


Abundance

Ion 146.00 (145.70 to 146.70): E

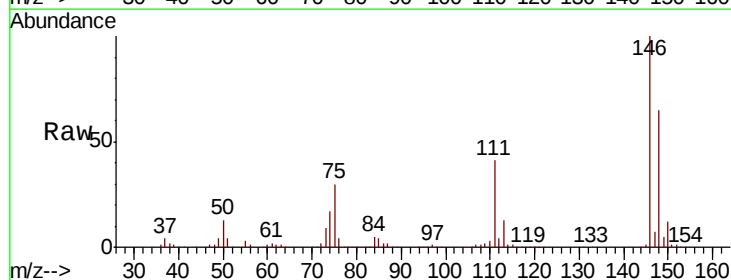
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.812 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
111	41.4	34.2	51.4

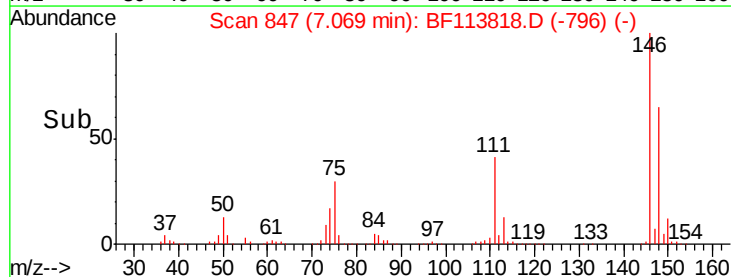
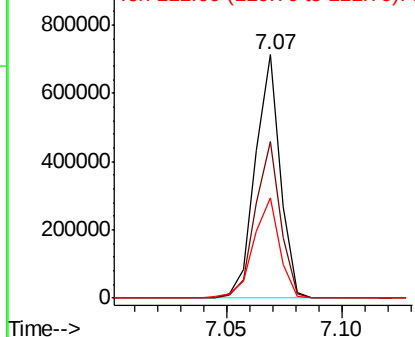


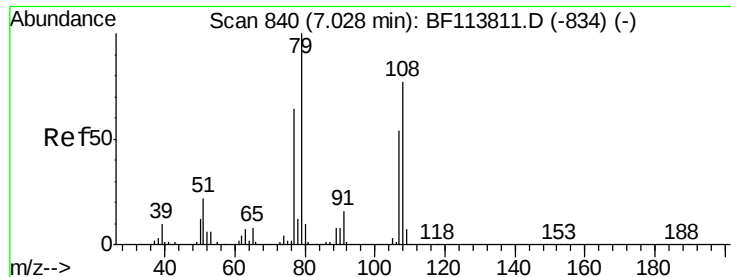
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.410 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

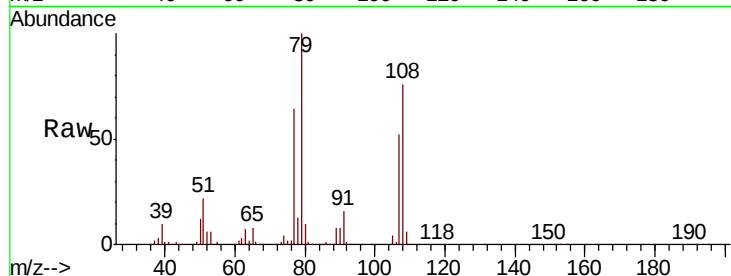
Tot Ion: 79 Resp: 469613

Ion Ratio Lower Upper

79 100

108 76.3 61.4 92.0

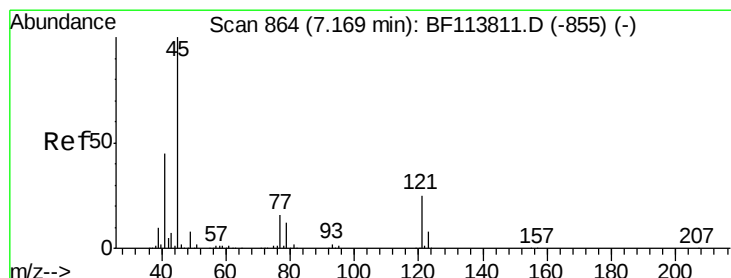
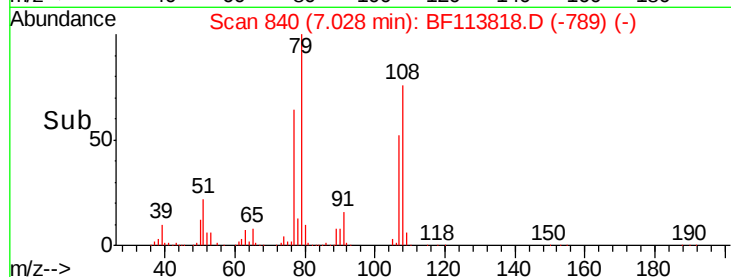
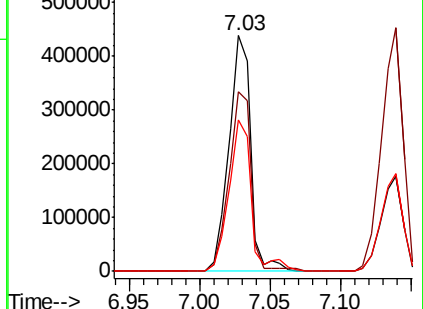
77 64.0 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.386 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

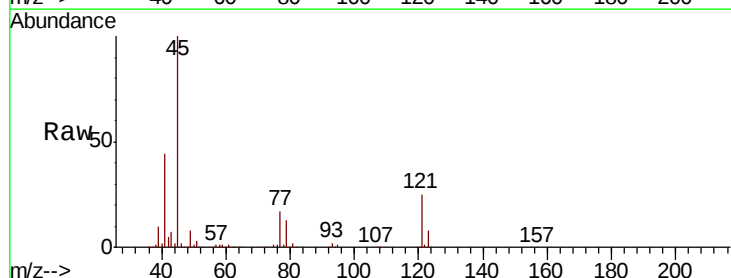
Tgt Ion: 45 Resp: 624032

Ion Ratio Lower Upper

45 100

77 16.7 0.0 37.0

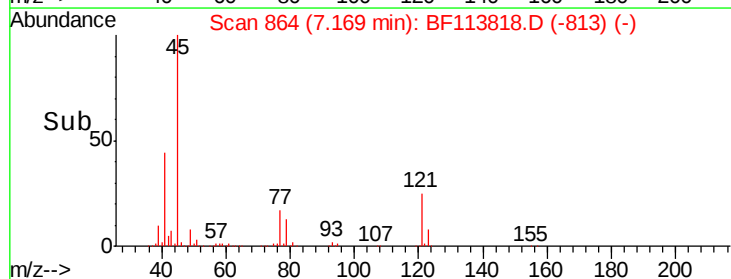
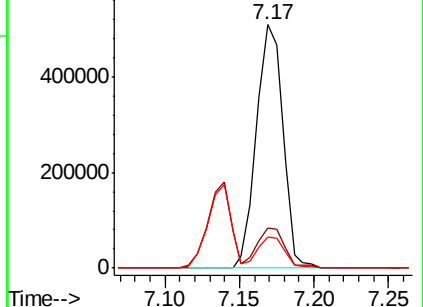
79 12.9 0.0 32.7

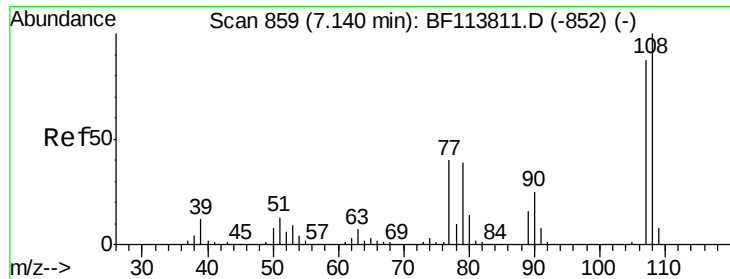


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

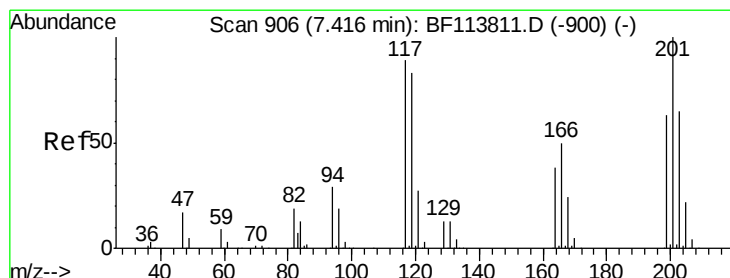
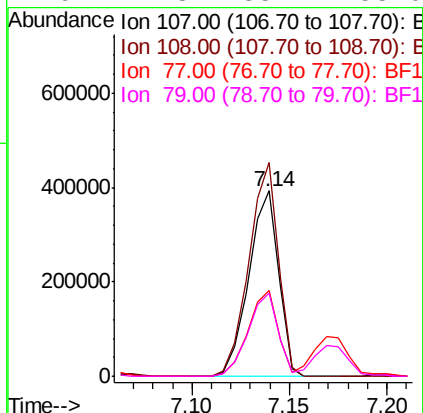
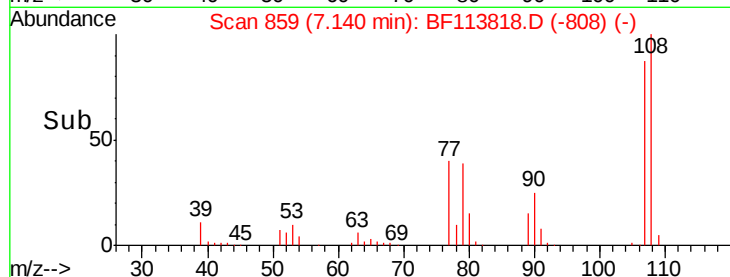
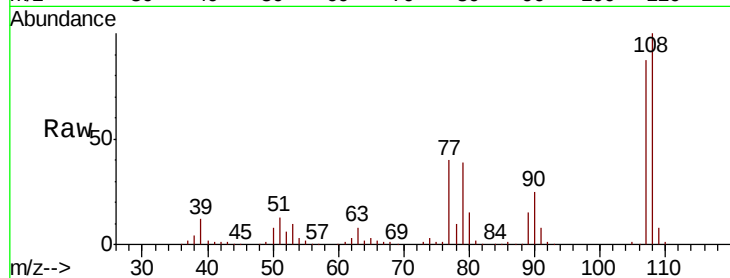




#17
2-Methylphenol
Concen: 40.274 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

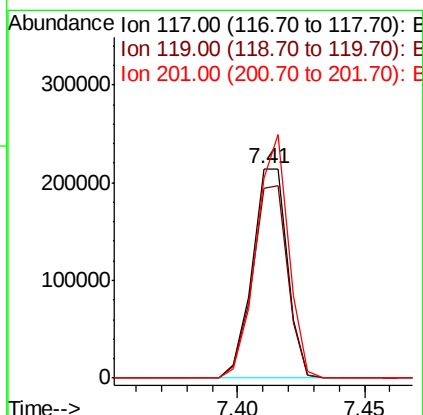
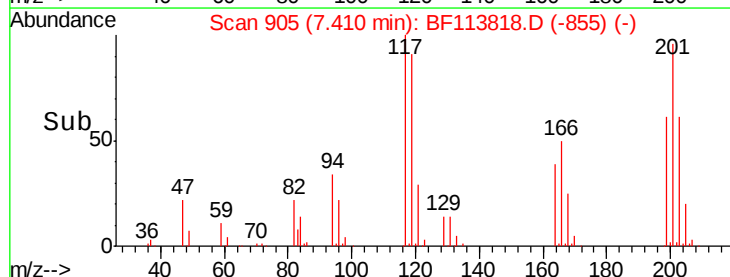
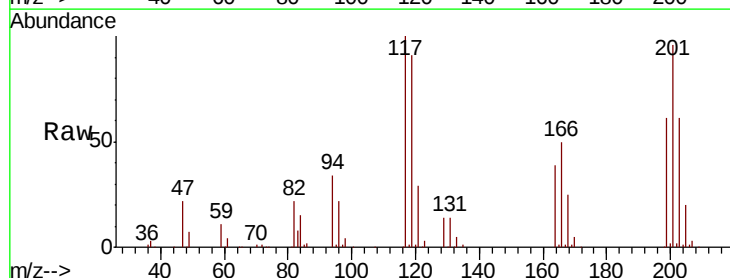
Instrument :
BNA_F
ClientSampleId :

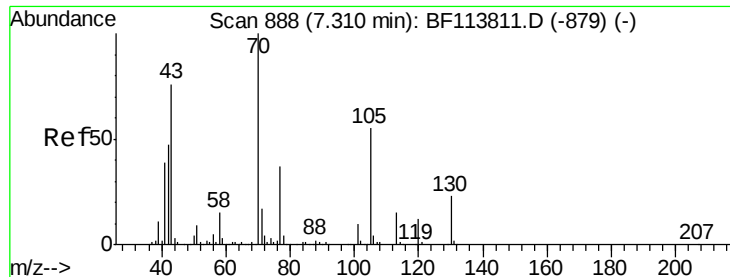
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.5	137.3
77	46.0	36.2	54.4
79	44.8	35.4	53.0



#18
Hexachloroethane
Concen: 41.393 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	74.4	111.6
201	95.8	90.2	135.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.087 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 374568

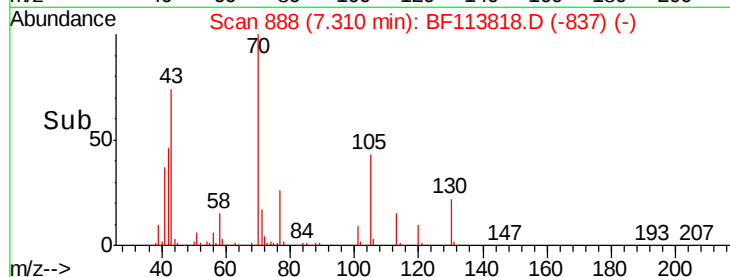
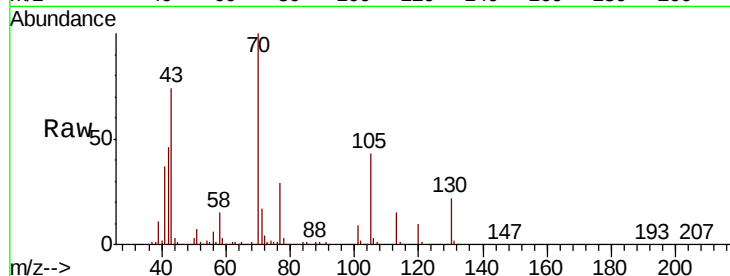
Ion Ratio Lower Upper

70 100

42 45.7 37.3 55.9

101 9.4 7.8 11.8

130 22.1 18.2 27.2

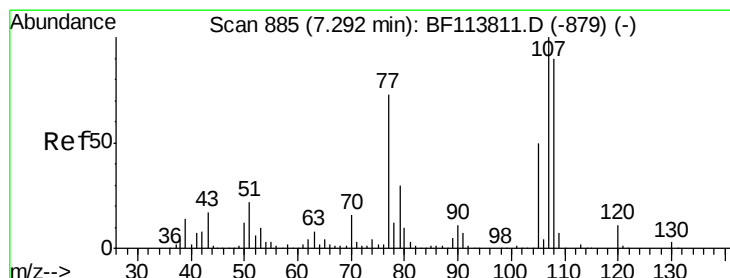
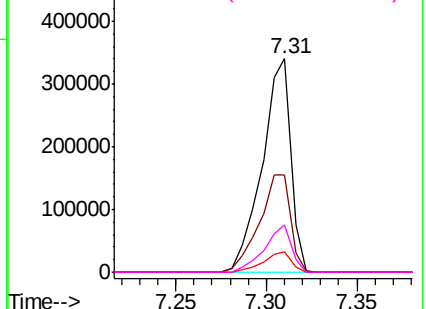


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.565 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Tgt Ion:107 Resp: 513922

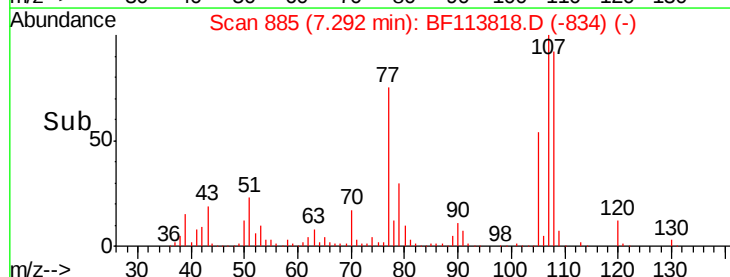
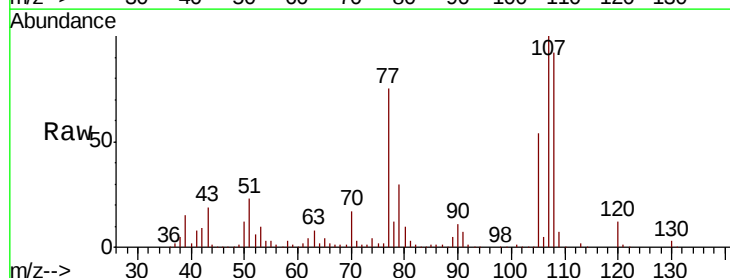
Ion Ratio Lower Upper

107 100

108 92.0 70.1 110.1

77 74.8 52.9 92.9

79 30.1 10.2 50.2

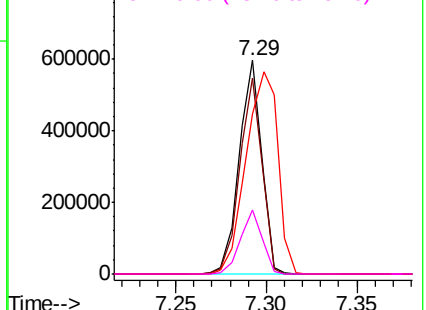


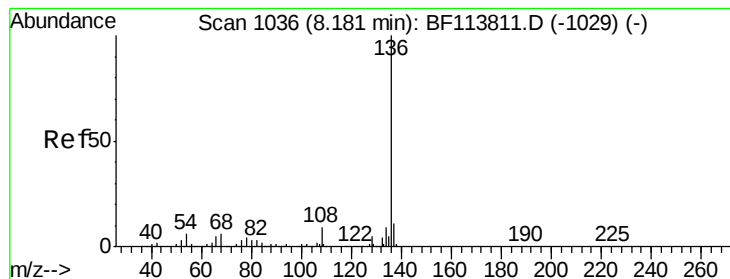
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 738949

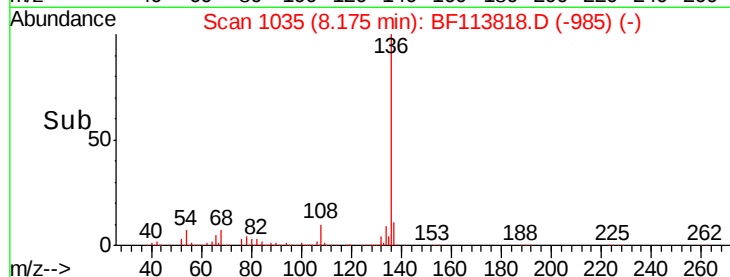
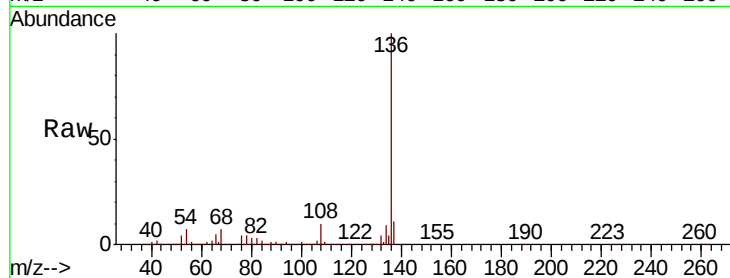
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 7.2 5.0 7.6

68 6.9 4.9 7.3



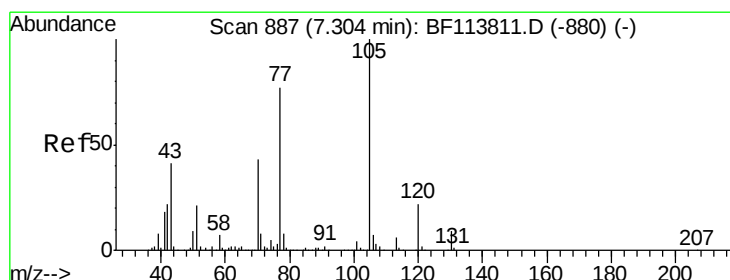
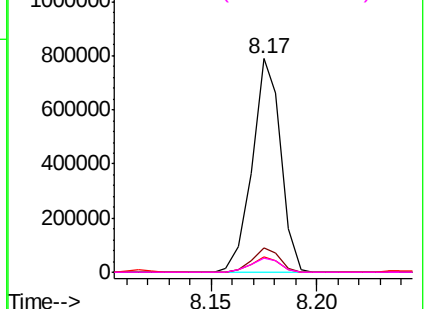
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.767 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Tgt Ion:105 Resp: 686353

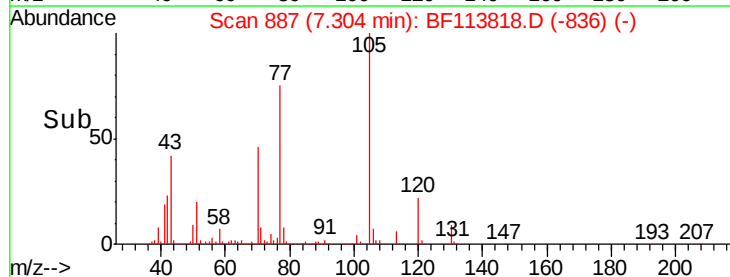
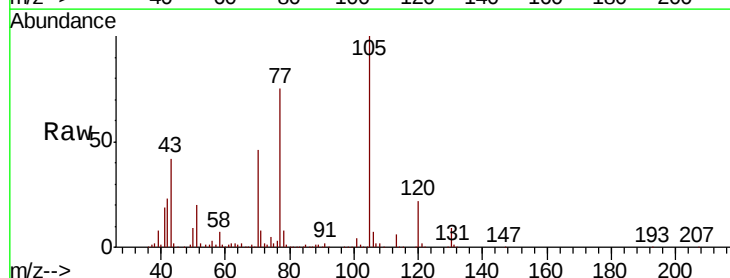
Ion Ratio Lower Upper

105 100

71 7.9 6.1 9.1

51 20.3 16.8 25.2

120 22.1 17.6 26.4



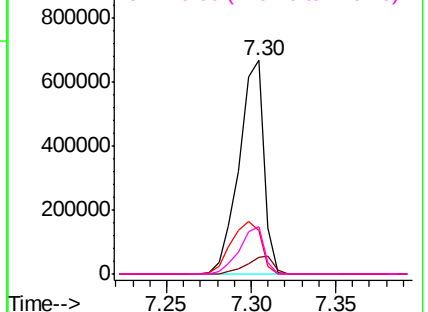
Abundance

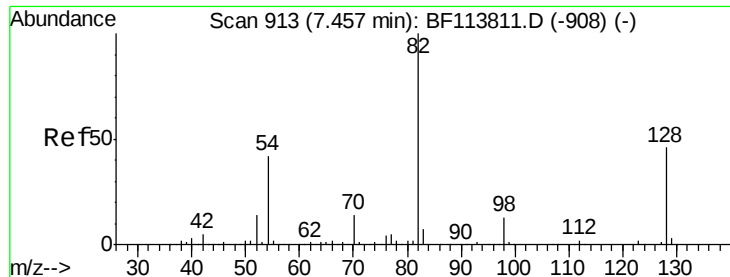
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

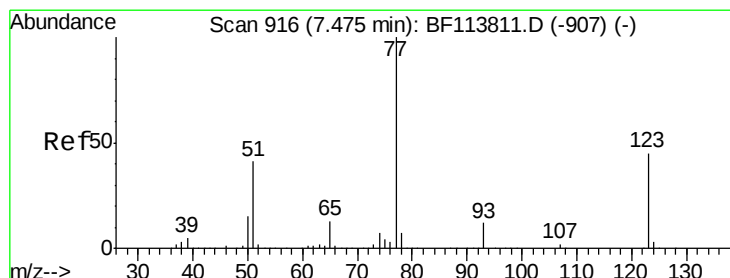
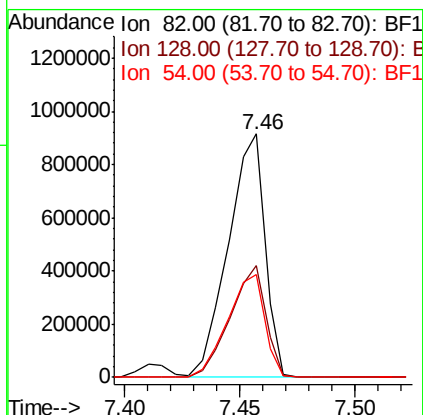
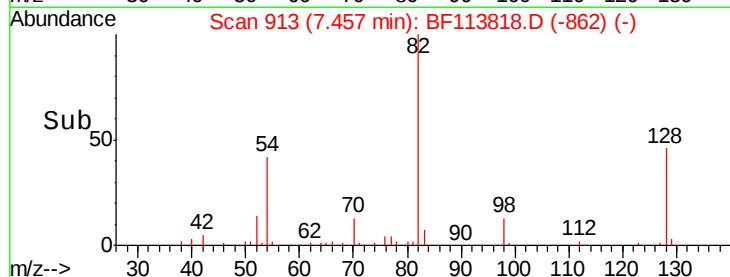
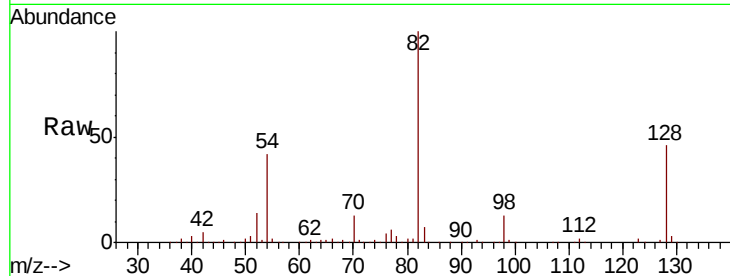




#23
Nitrobenzene-d5
Concen: 83.732 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

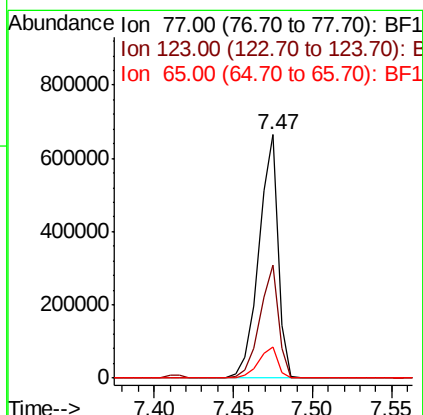
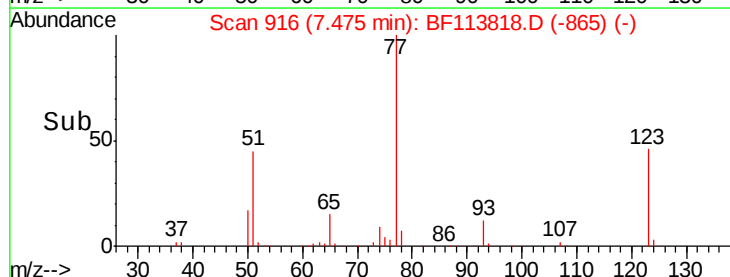
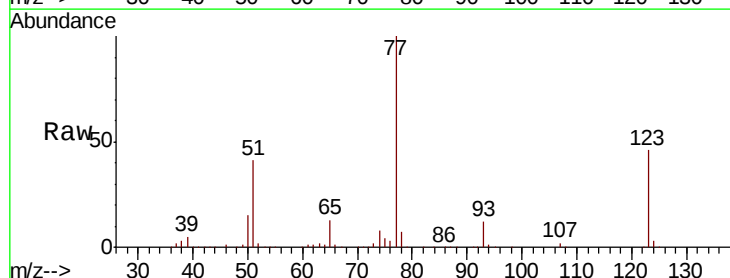
Instrument :
BNA_F
ClientSampleId :

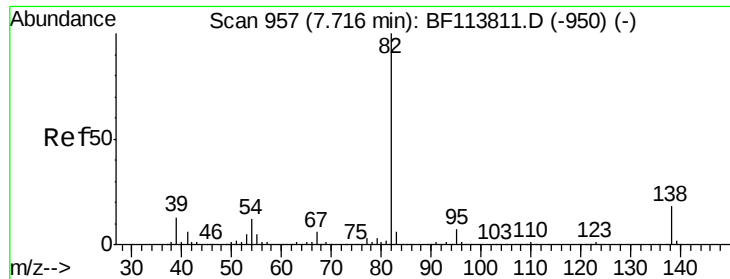
Tot Ion: 82 Resp: 1016046
Ion Ratio Lower Upper
82 100
128 46.1 36.8 55.2
54 42.1 33.8 50.6



#24
Nitrobenzene
Concen: 41.242 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion: 77 Resp: 562455
Ion Ratio Lower Upper
77 100
123 46.3 36.3 54.5
65 12.9 10.3 15.5





#25

Isophorone

Concen: 39.785 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

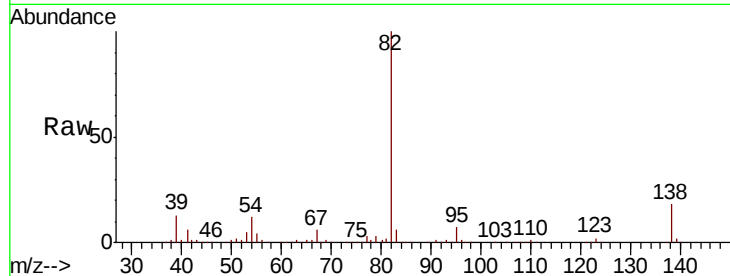
Tot Ion: 82 Resp: 999566

Ion Ratio Lower Upper

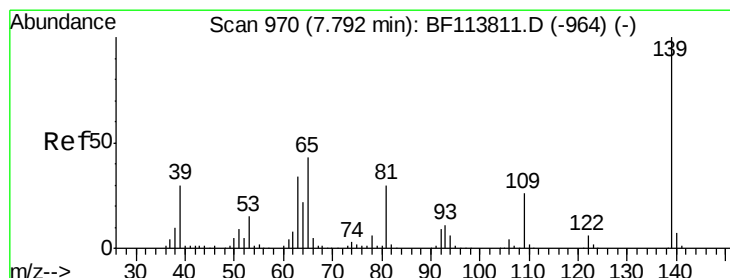
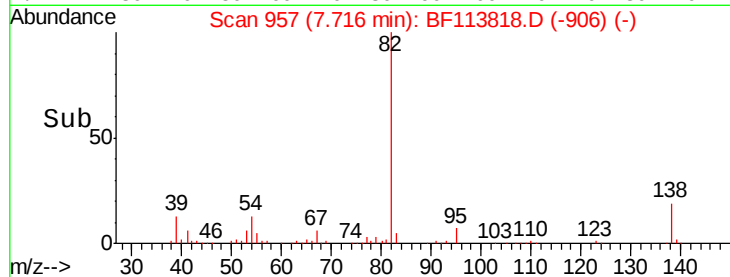
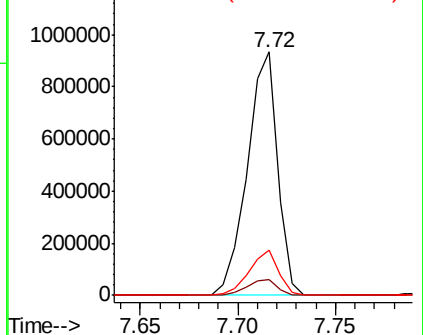
82 100

95 6.6 5.4 8.2

138 18.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.267 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

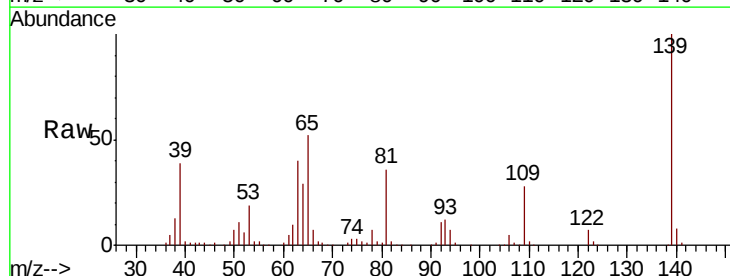
Tgt Ion: 139 Resp: 239831

Ion Ratio Lower Upper

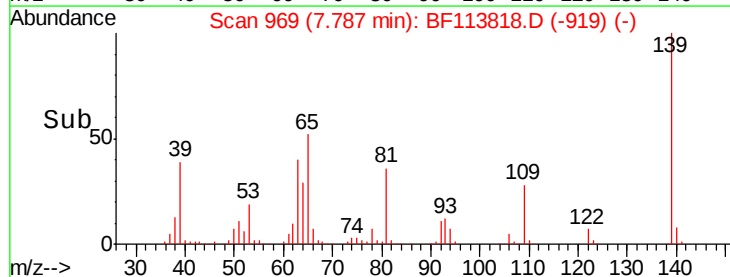
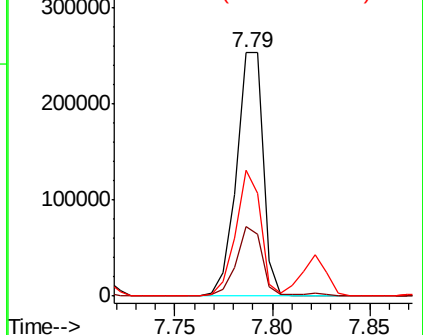
139 100

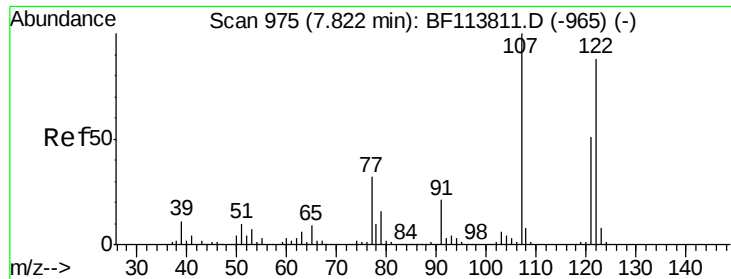
109 28.4 20.6 31.0

65 51.5 34.6 52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

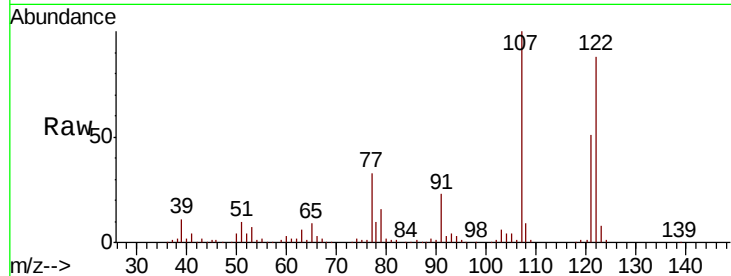




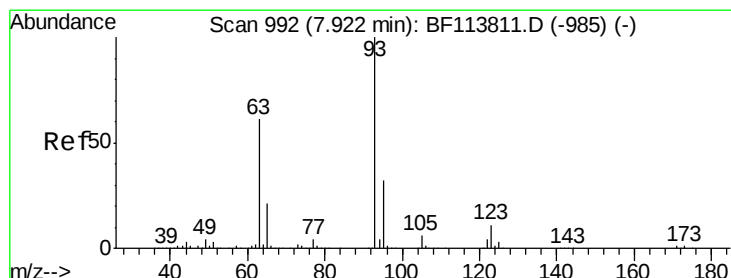
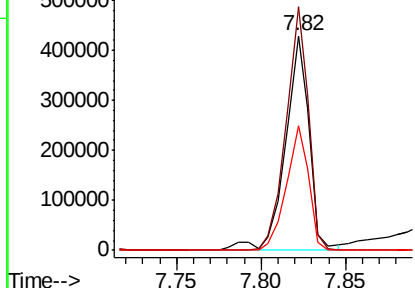
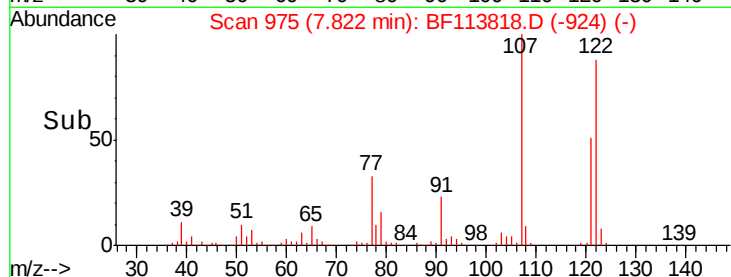
#27
 2,4-Dimethylphenol
 Concen: 40.735 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 421375
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.2 136.8
 121 58.4 46.4 69.6

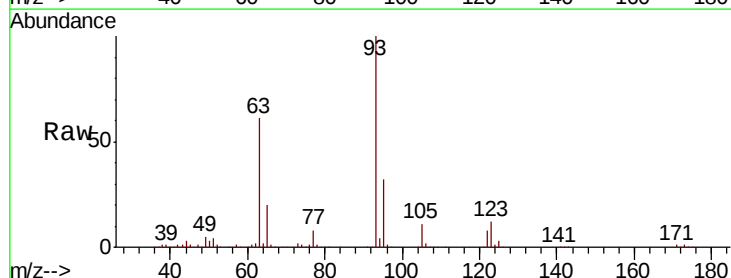


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

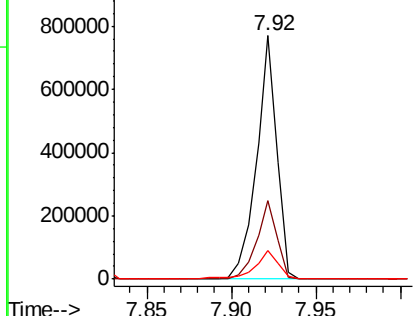
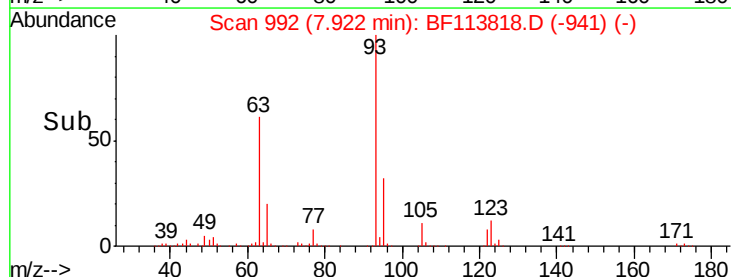


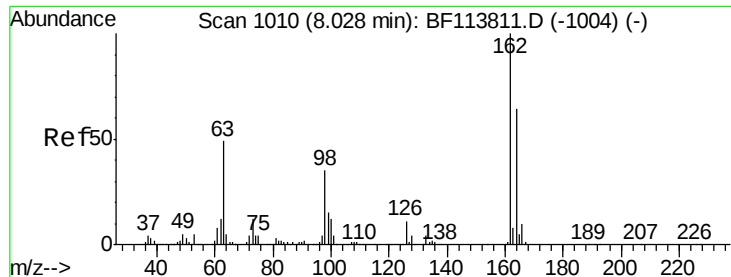
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.250 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion: 93 Resp: 642609
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.8 38.6
 123 11.7 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

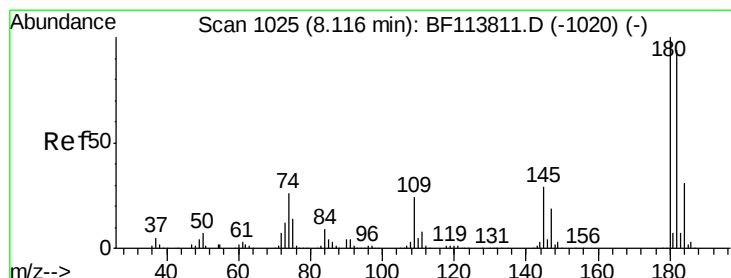
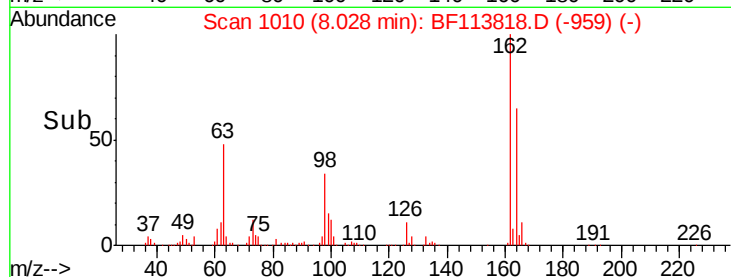
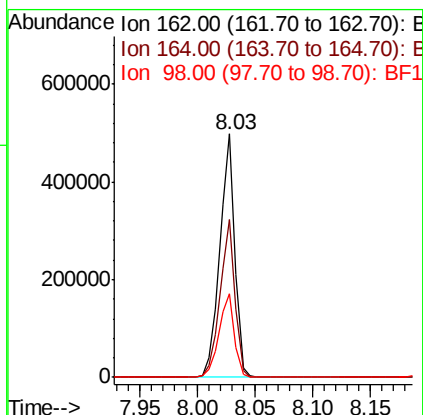
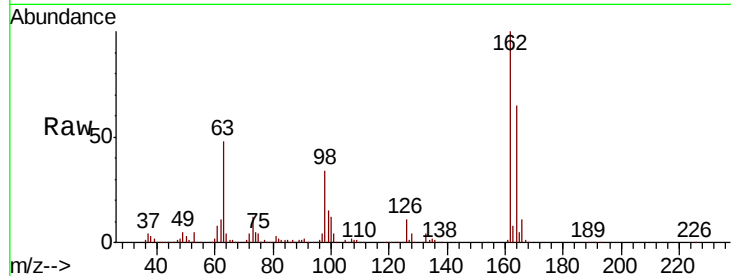




#29
 2,4-Dichlorophenol
 Concen: 40.828 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

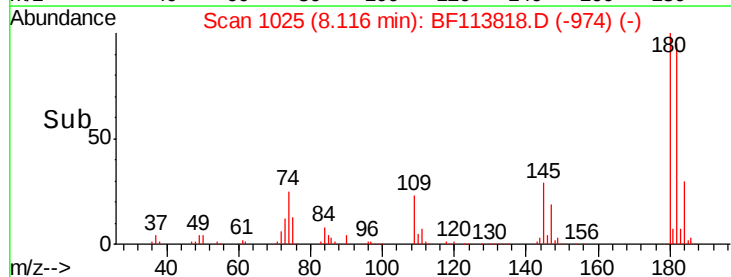
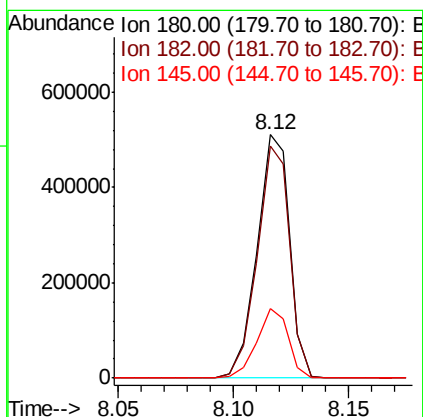
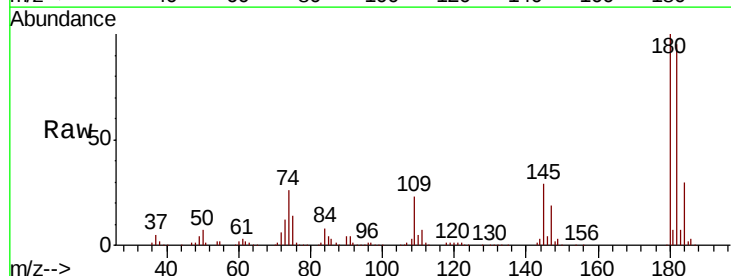
Instrument :
 BNA_F
 ClientSampleId :

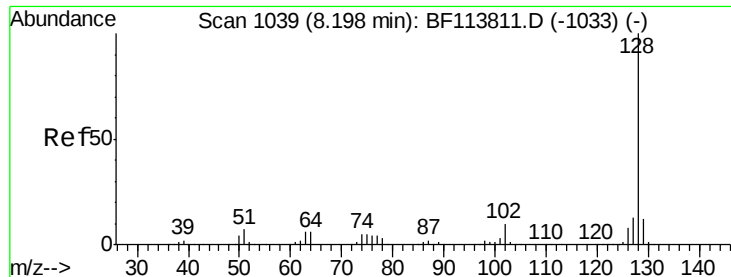
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.7	83.7
98	34.3	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.982 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	28.7	23.0	34.4

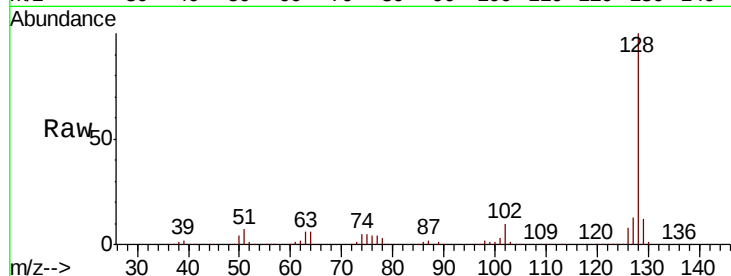




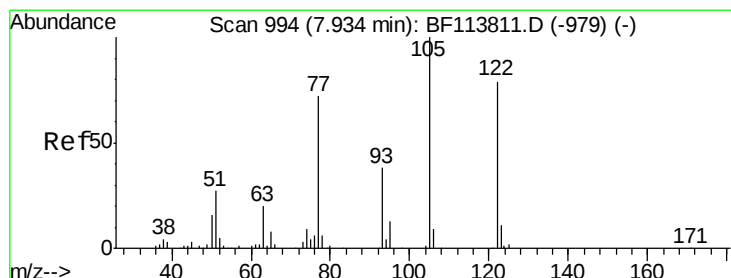
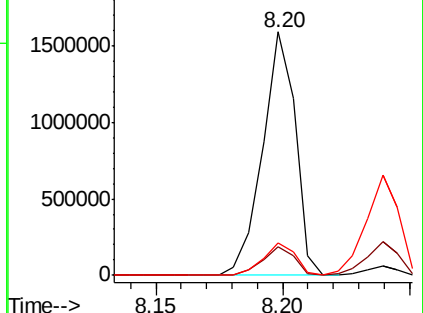
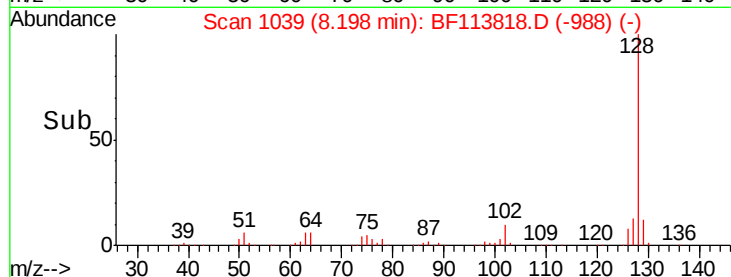
#31
Naphthalene
Concen: 41.361 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1445674
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.5 10.8 16.2

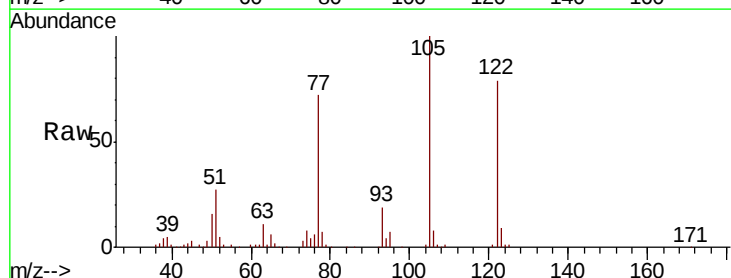


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

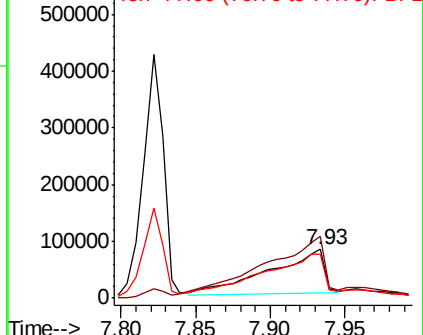
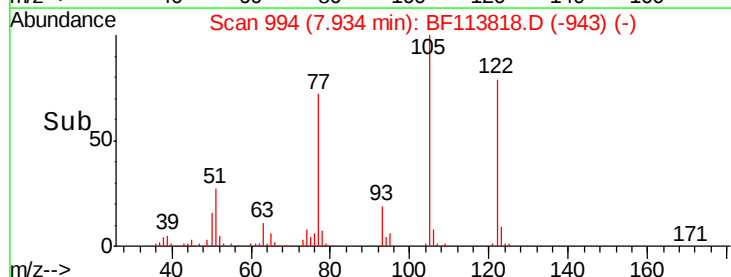


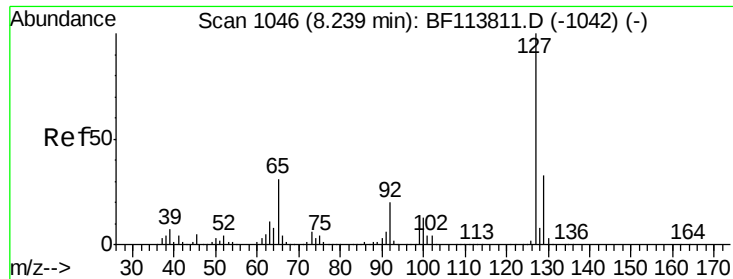
#32
Benzoic acid
Concen: 30.812 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:122 Resp: 194485
Ion Ratio Lower Upper
122 100
105 126.0 104.3 144.3
77 90.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

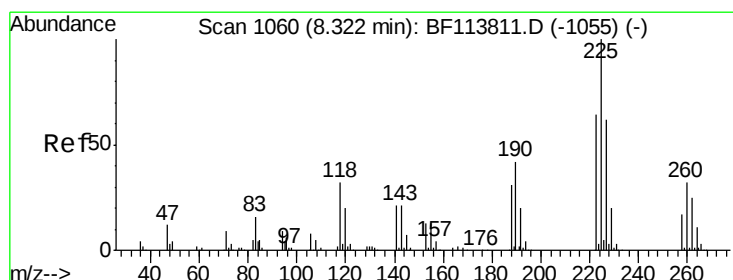
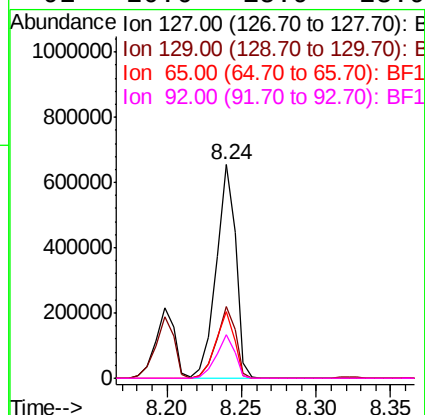
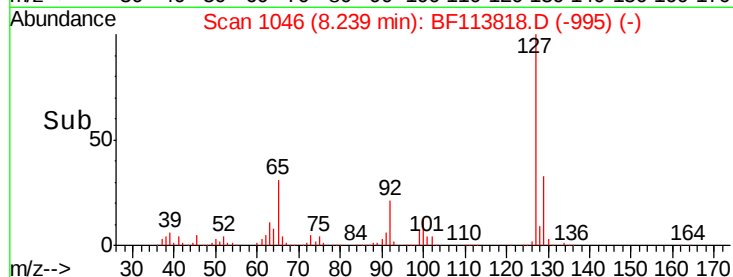
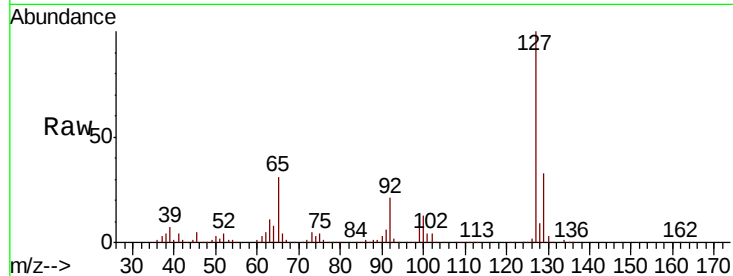




#33
4-Chloroaniline
Concen: 40.142 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

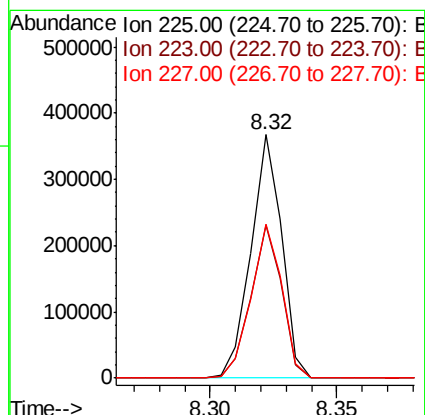
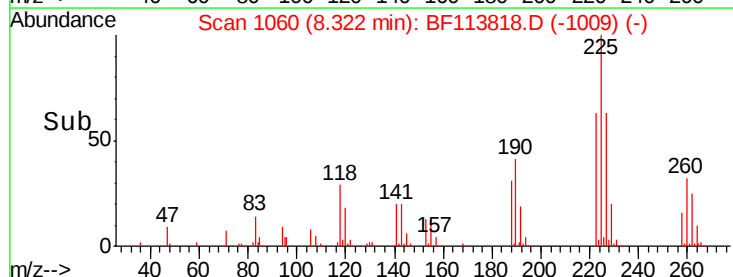
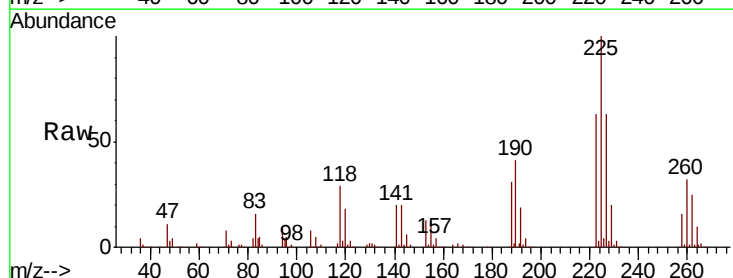
Instrument :
BNA_F
ClientSampled :

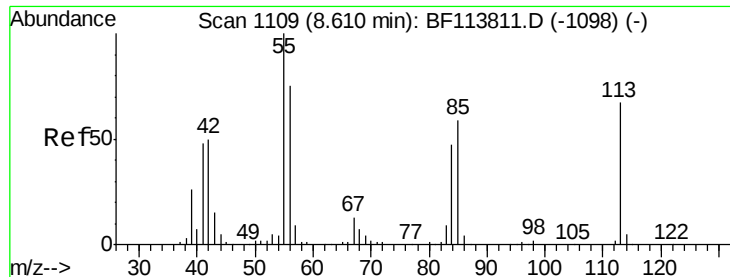
Tot Ion:	127	Resp:	595219
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	30.9	24.9	37.3
92	20.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.533 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:	225	Resp:	310671
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	63.4	49.9	74.9

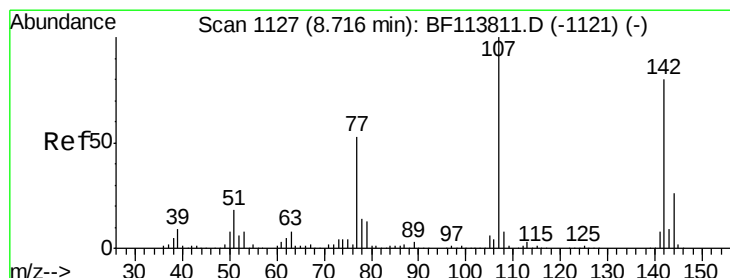
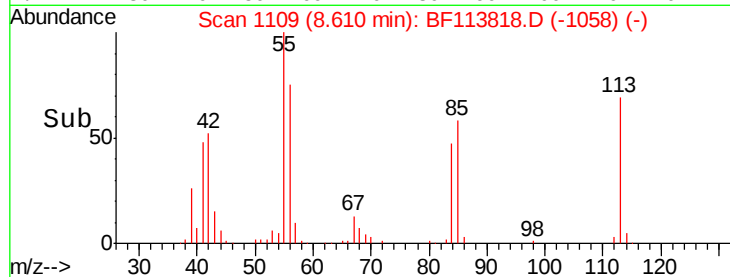
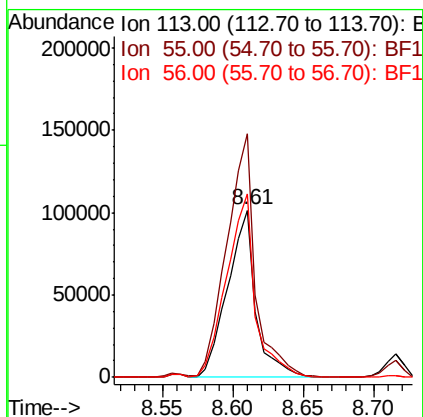
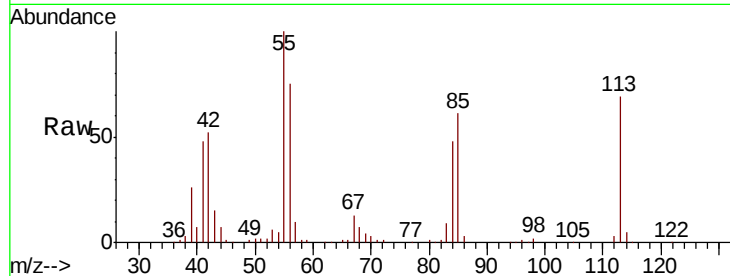




#35
 Caprolactam
 Concen: 39.803 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

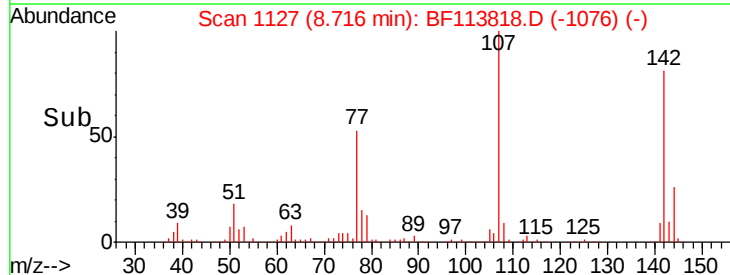
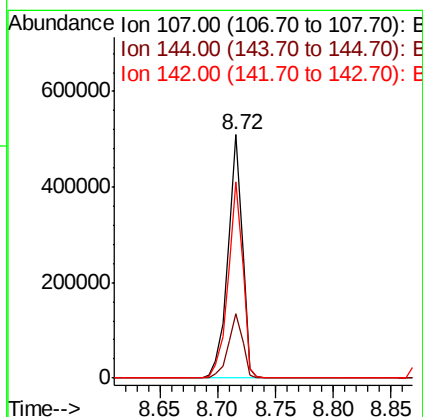
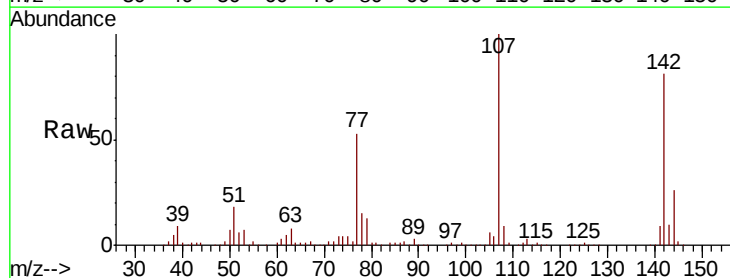
Instrument :
 BNA_F
 ClientSampleId :

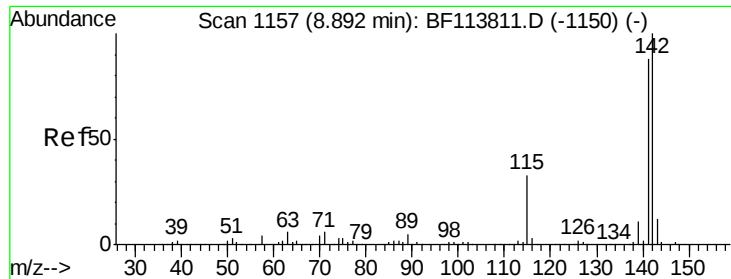
Tot Ion:113 Resp: 141617
 Ion Ratio Lower Upper
 113 100
 55 145.8 128.6 168.6
 56 109.8 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.389 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion:107 Resp: 441417
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 80.7 64.2 96.4

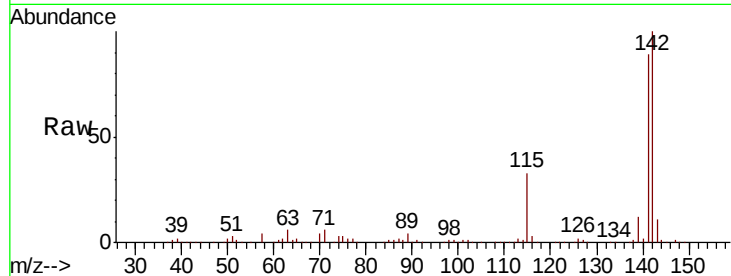




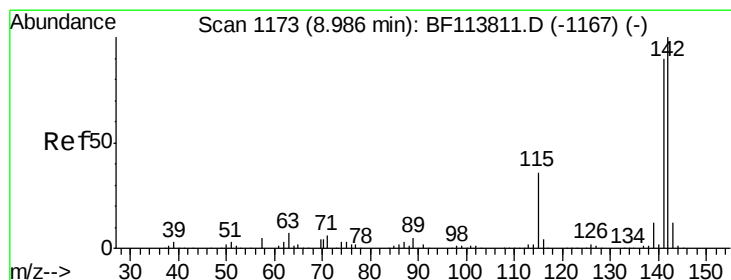
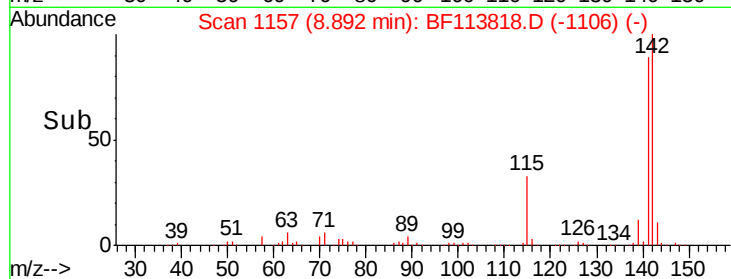
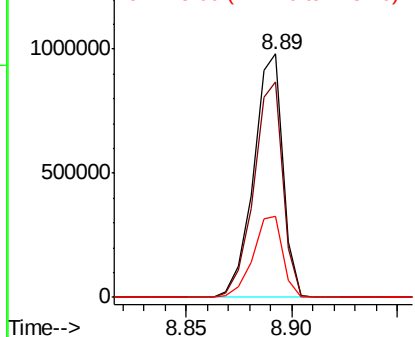
#37
2-Methylnaphthalene
Concen: 40.793 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	33.3	26.3	39.5

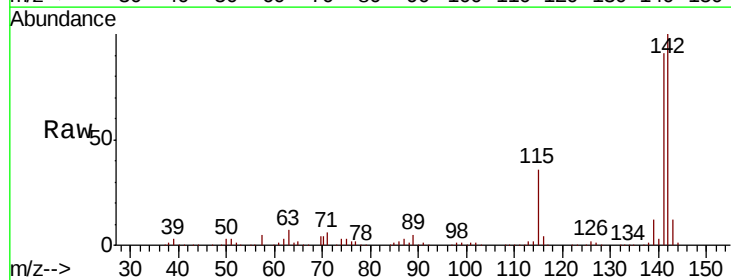


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

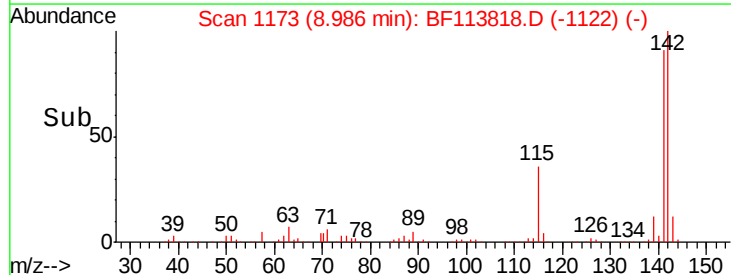
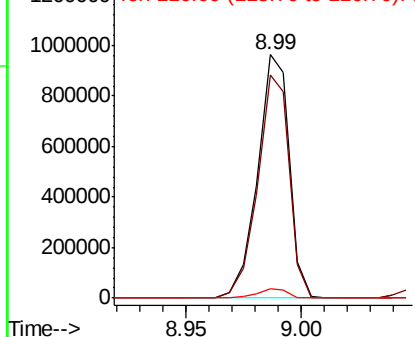


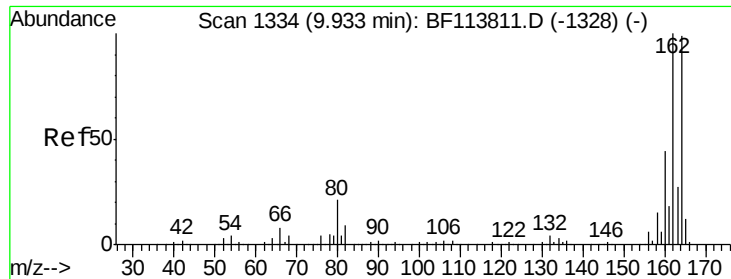
#38
1-Methylnaphthalene
Concen: 40.896 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.3	108.5
116	3.6	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

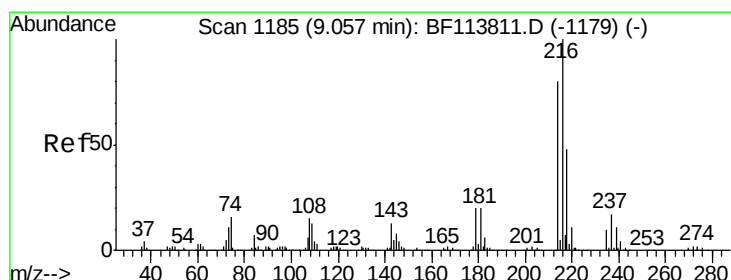
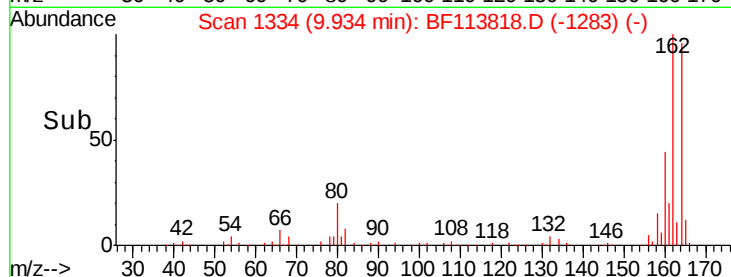
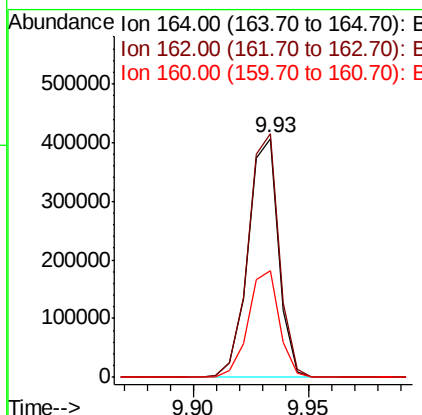
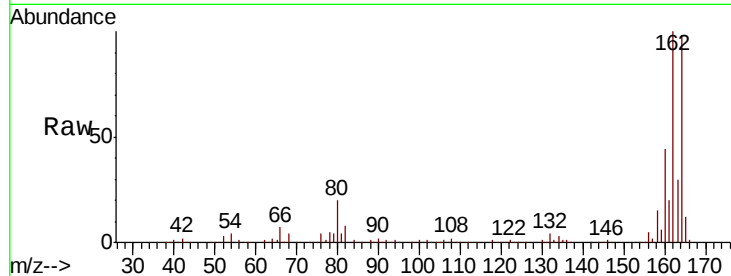




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

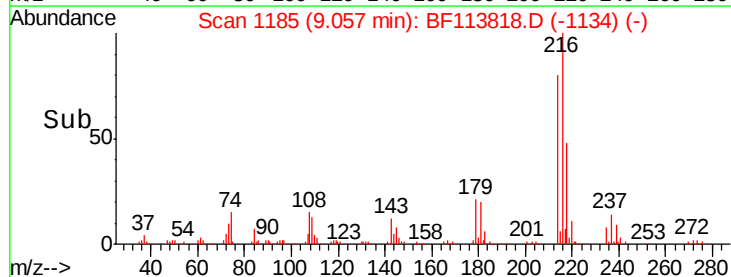
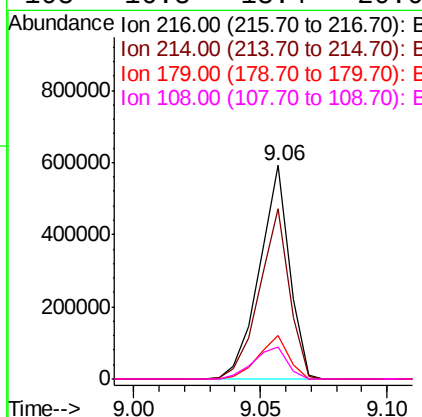
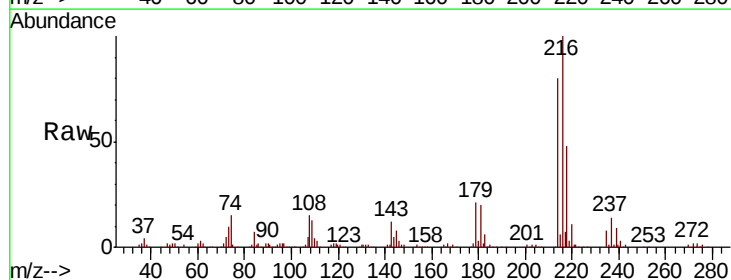
Instrument :
BNA_F
ClientSampleId :

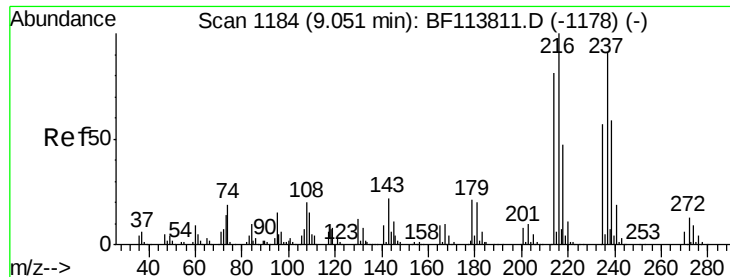
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.1	121.7
160	44.9	35.8	53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.004 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.5	95.3
179	20.3	16.1	24.1
108	16.8	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 40.315 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

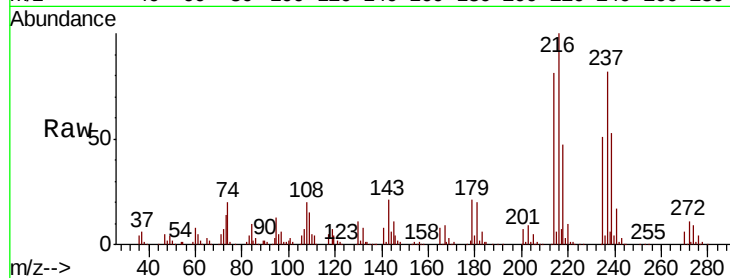
Tot Ion:237 Resp: 264309

Ion Ratio Lower Upper

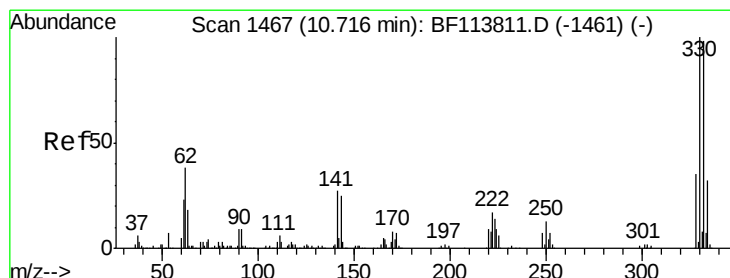
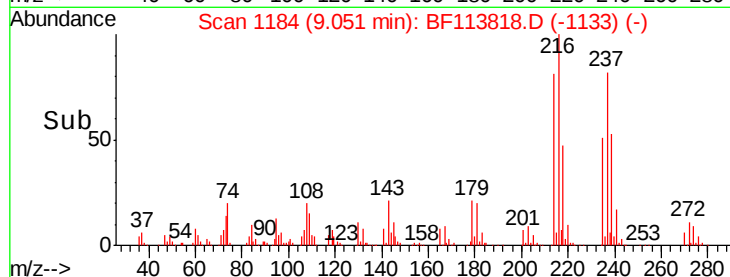
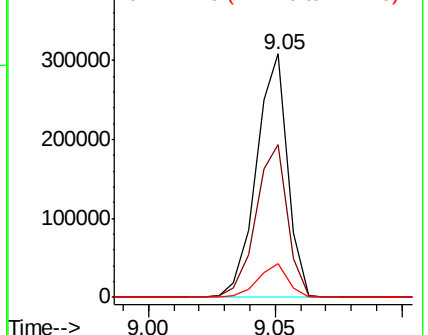
237 100

235 62.5 42.6 82.6

272 13.9 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.089 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

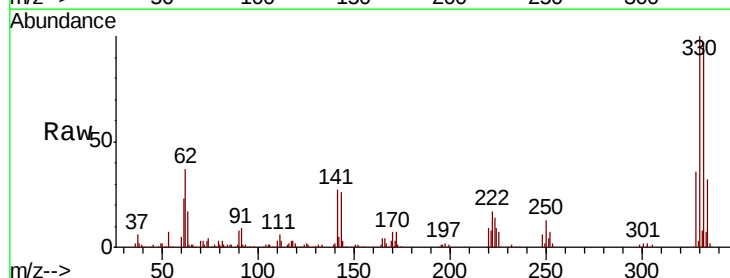
Tgt Ion:330 Resp: 349138

Ion Ratio Lower Upper

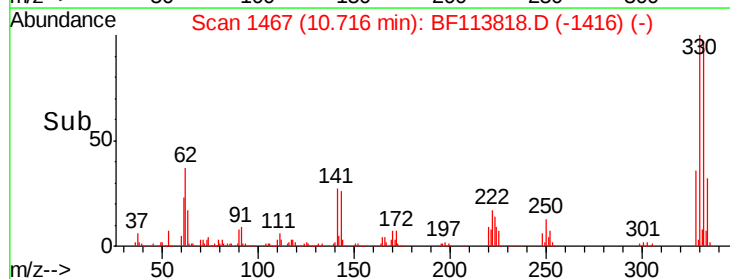
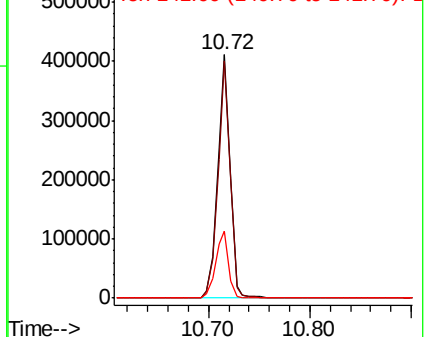
330 100

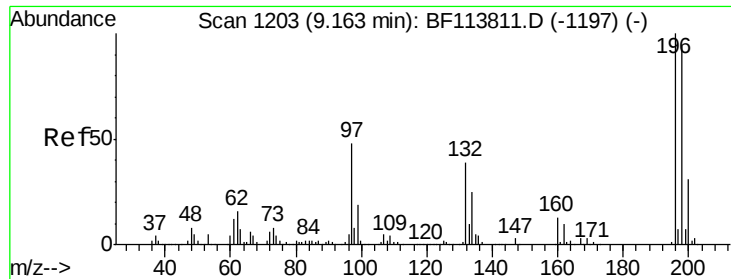
332 96.3 77.5 116.3

141 28.2 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

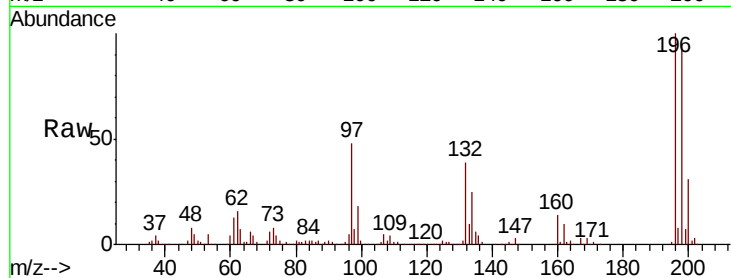




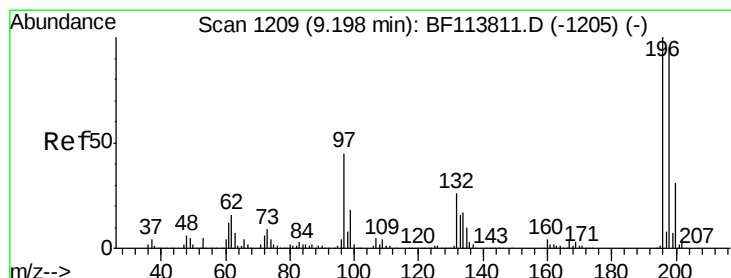
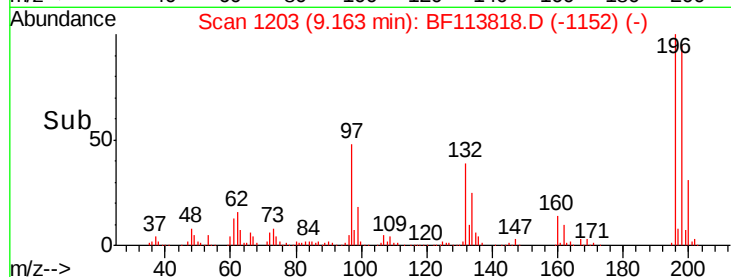
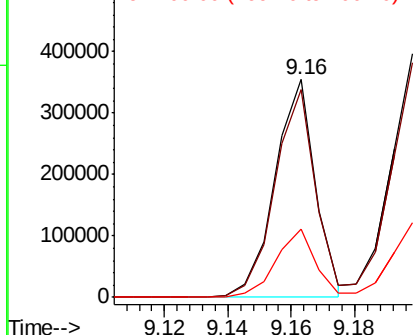
#43
2,4,6-Trichlorophenol
Concen: 40.870 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 313747
Ion Ratio Lower Upper
196 100
198 95.4 75.6 113.4
200 31.1 24.7 37.1

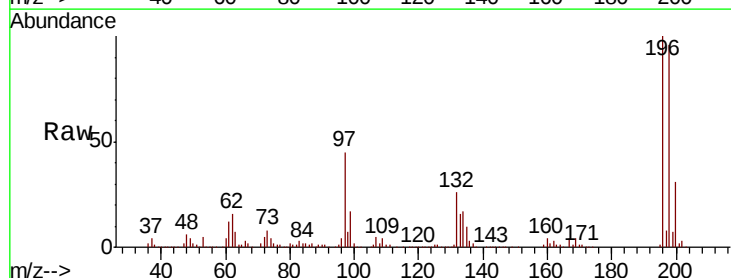


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

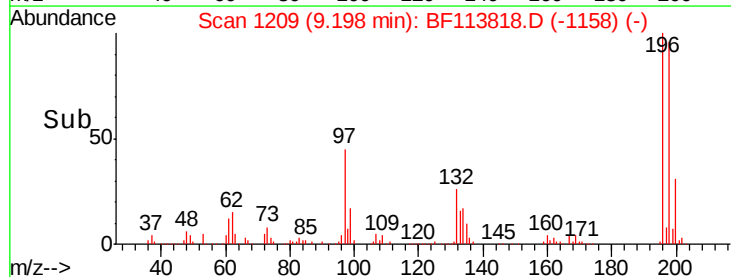
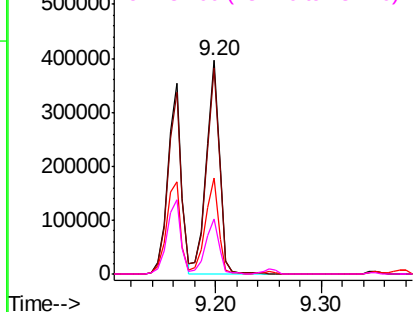


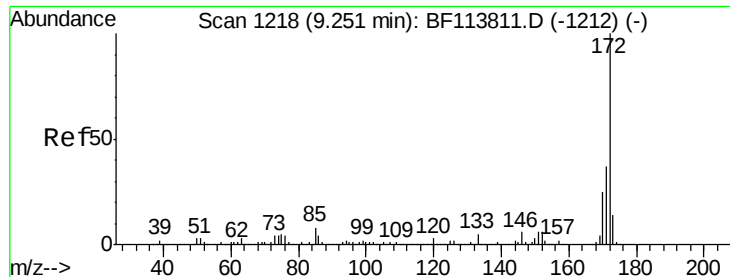
#44
2,4,5-Trichlorophenol
Concen: 41.473 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:196 Resp: 343583
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.4
97 44.7 35.8 53.8
132 25.9 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

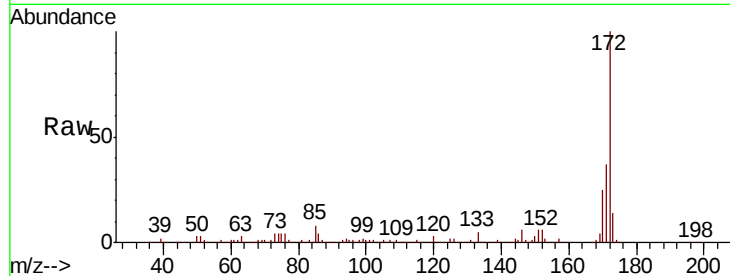




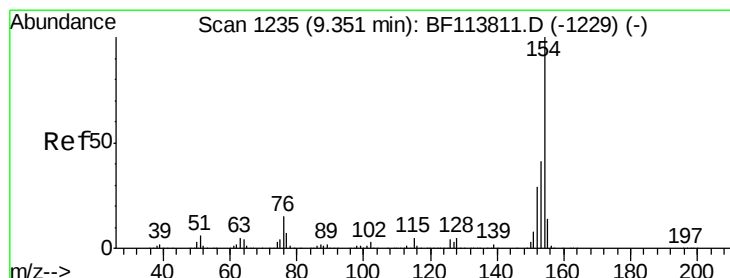
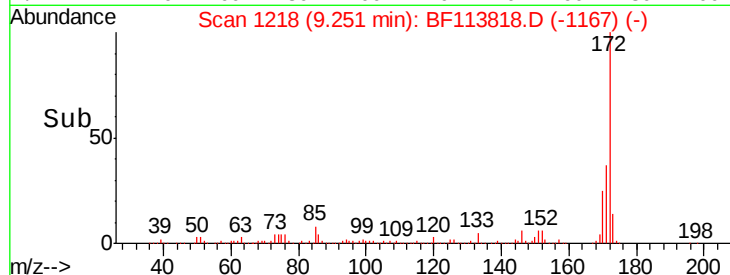
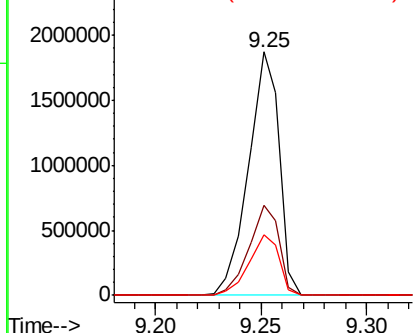
#45
2-Fluorobiphenyl
Concen: 76.724 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1890673
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 25.1 19.9 29.9

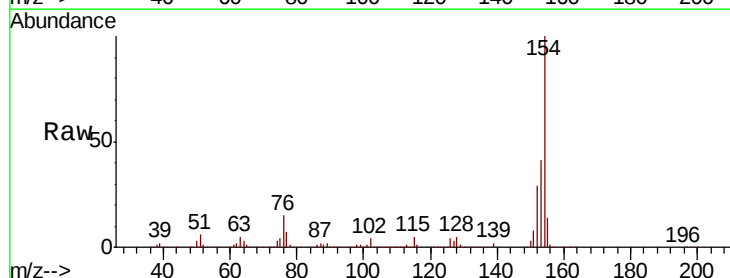


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

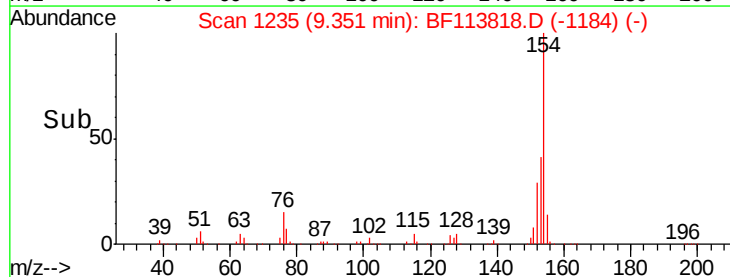
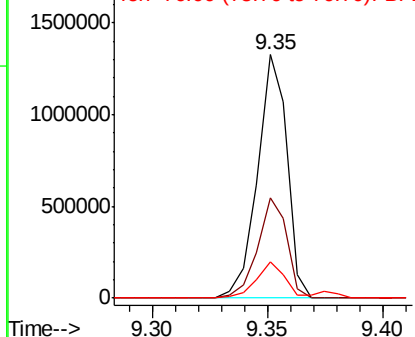


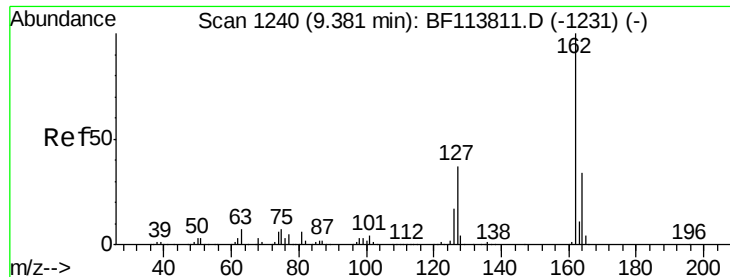
#46
1,1'-Biphenyl
Concen: 41.477 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:154 Resp: 1179526
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 14.8 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

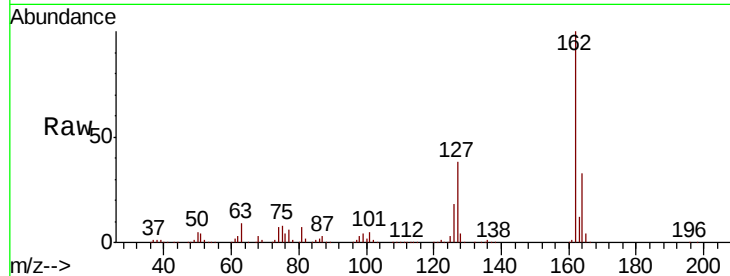




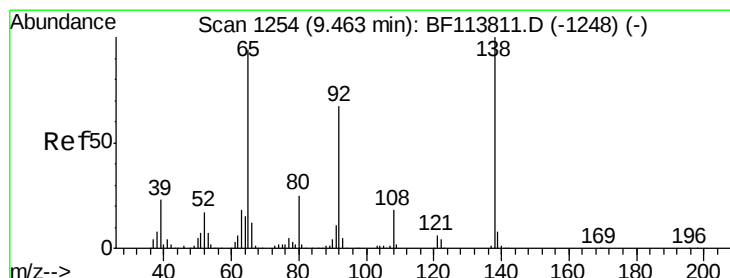
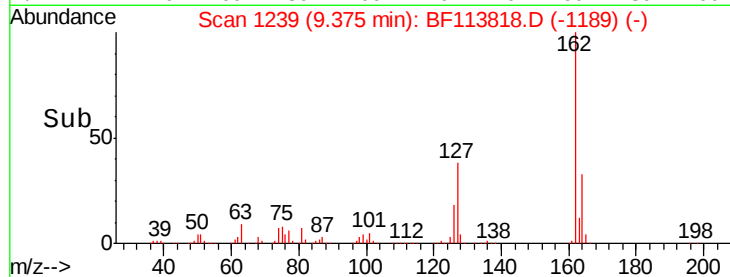
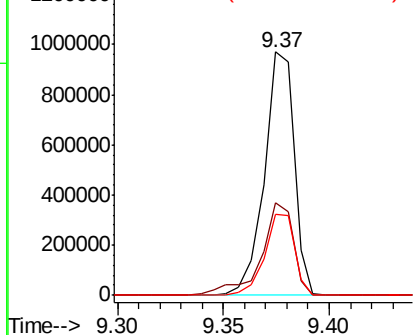
#47
 2-Chloronaphthalene
 Concen: 40.966 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	953685
Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	33.3	27.1	40.7

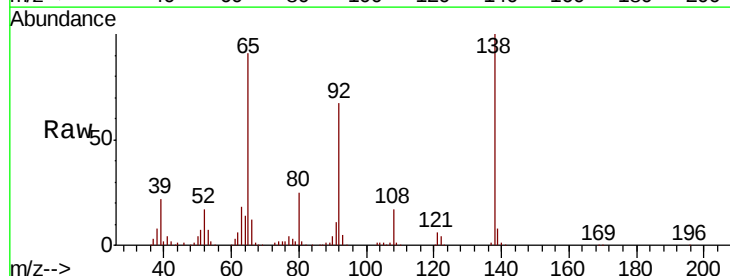


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

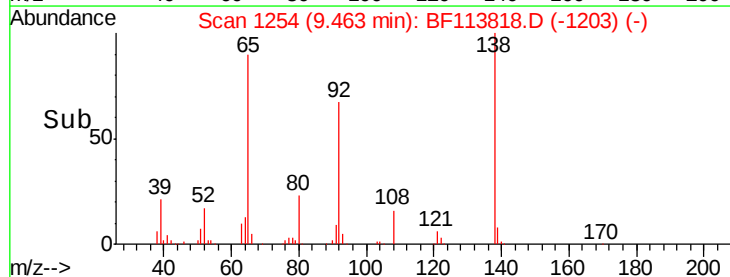
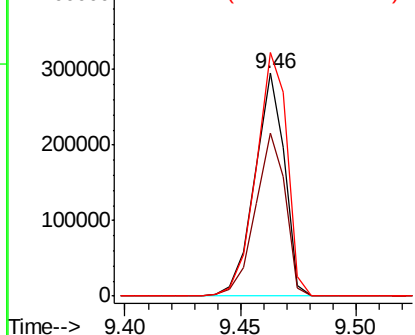


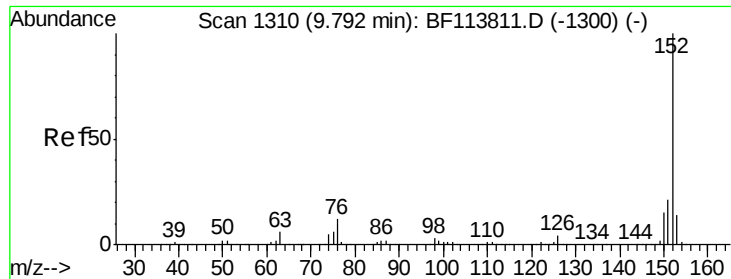
#48
 2-Nitroaniline
 Concen: 43.749 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion:	65	Resp:	265017
Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.4	86.0
138	109.4	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.176 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

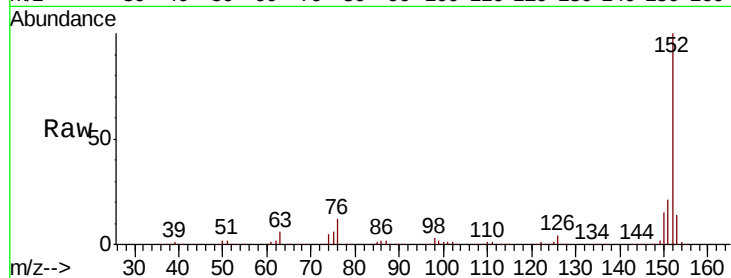
Tot Ion:152 Resp: 1499249

Ion Ratio Lower Upper

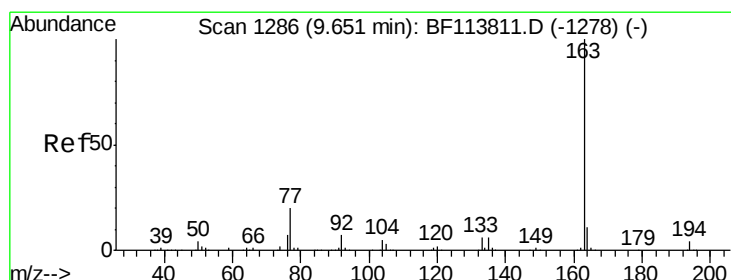
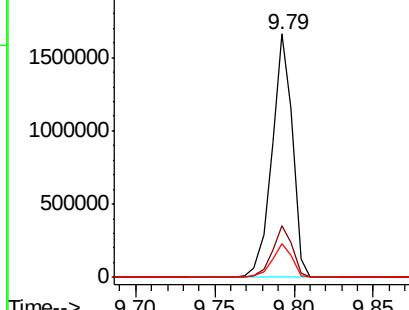
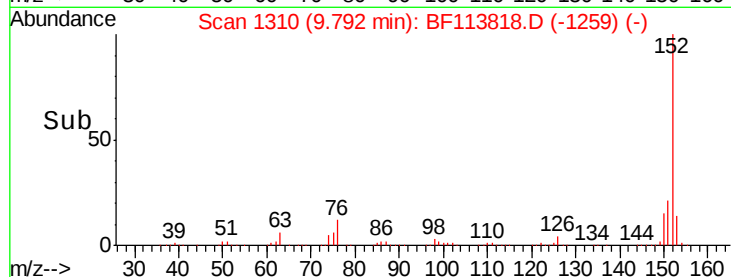
152 100

151 21.4 17.0 25.4

153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.796 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

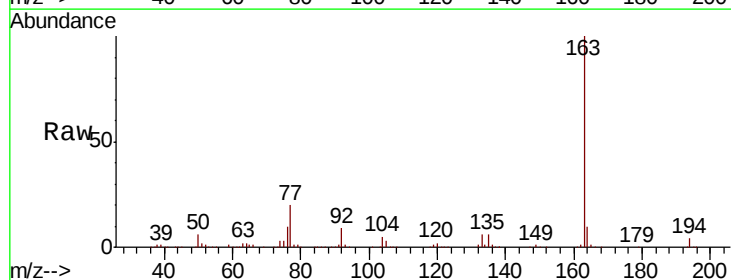
Tgt Ion:163 Resp: 1072921

Ion Ratio Lower Upper

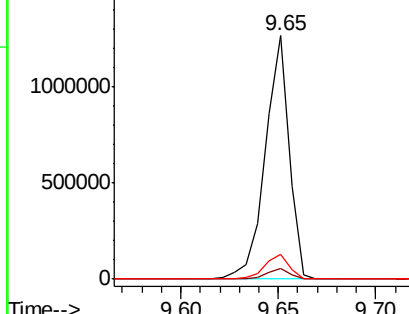
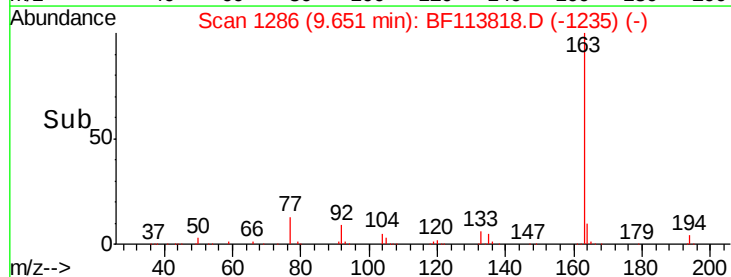
163 100

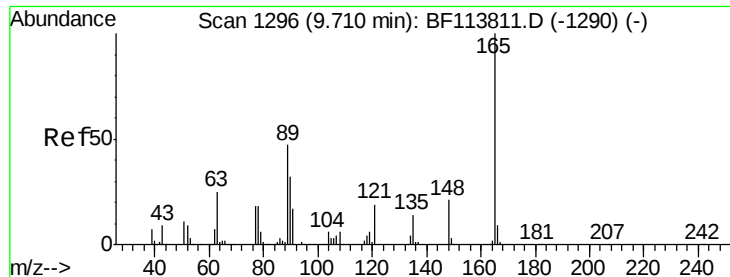
194 4.3 3.4 5.2

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

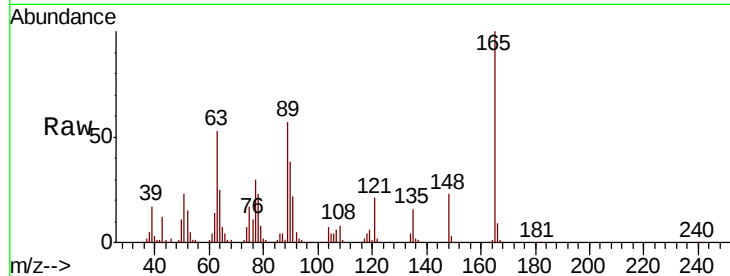




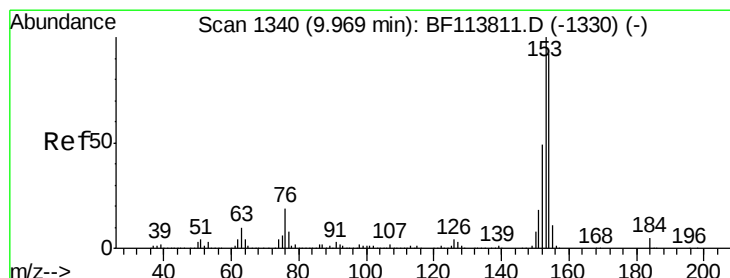
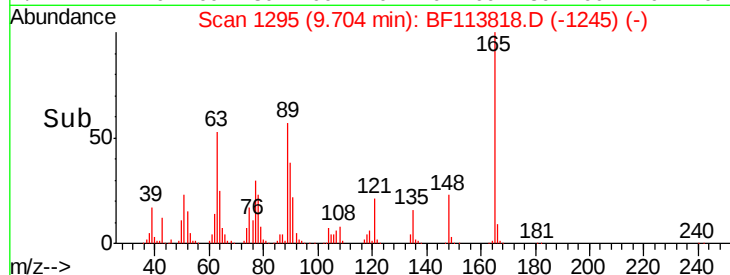
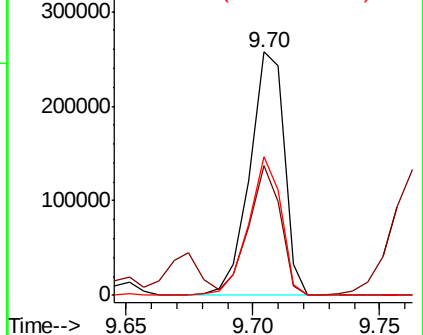
#51
 2,6-Dinitrotoluene
 Concen: 42.369 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 245919
 Ion Ratio Lower Upper
 165 100
 63 53.3 33.8 50.8#
 89 57.1 38.2 57.2

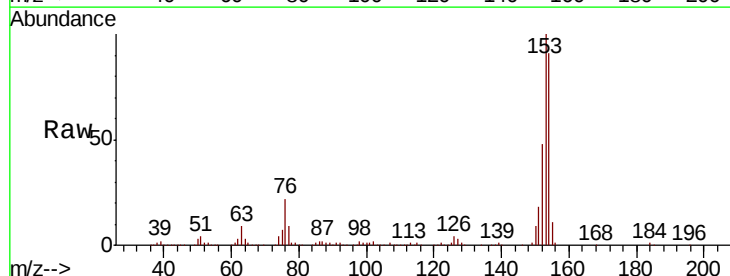


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

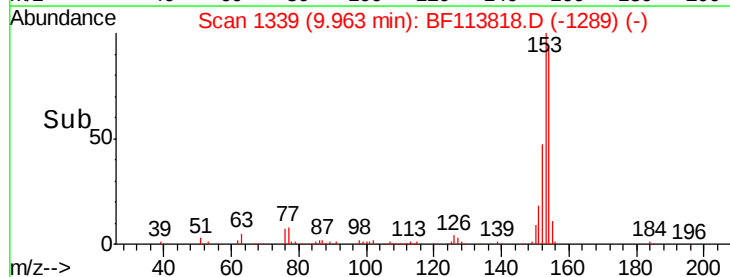
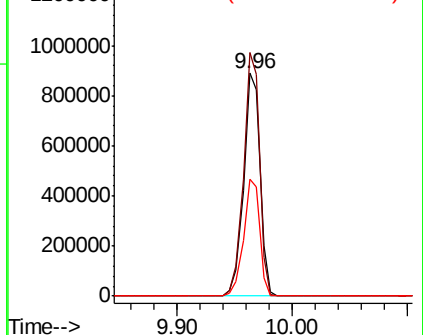


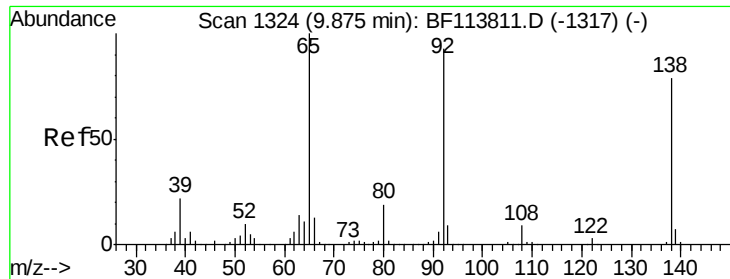
#52
 Acenaphthene
 Concen: 41.136 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion:154 Resp: 878566
 Ion Ratio Lower Upper
 154 100
 153 109.4 87.2 130.8
 152 52.8 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

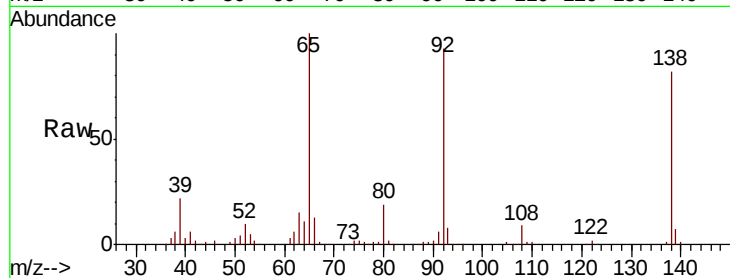




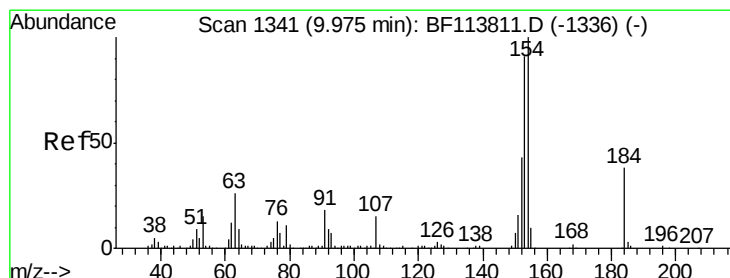
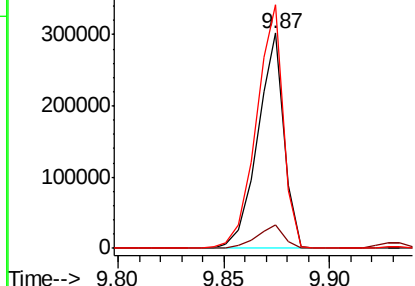
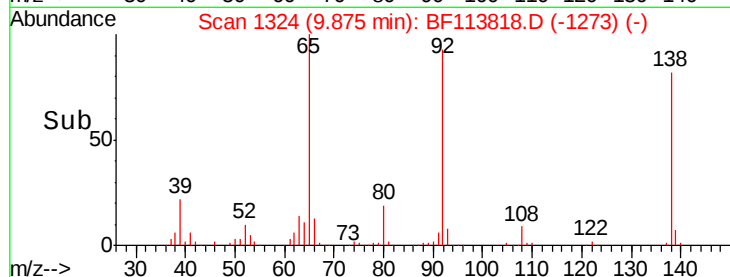
#53
3-Nitroaniline
Concen: 42.597 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 261802
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.2
92 113.1 94.1 141.1

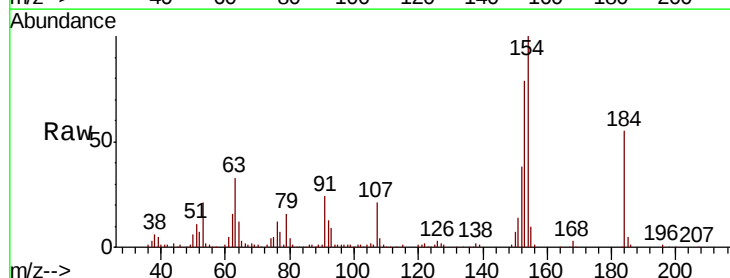


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

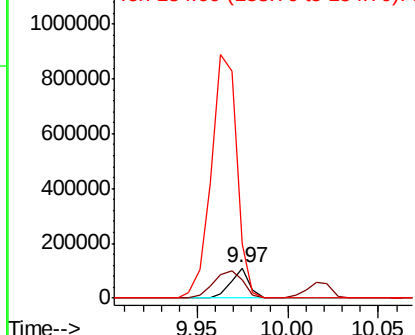
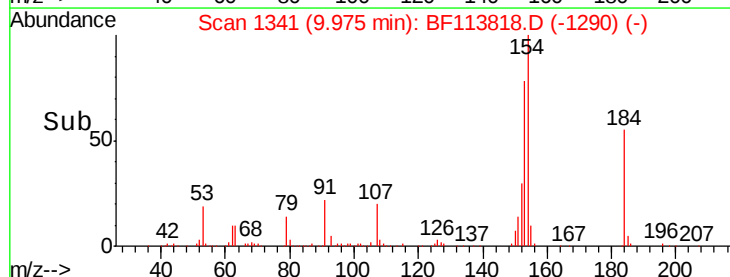


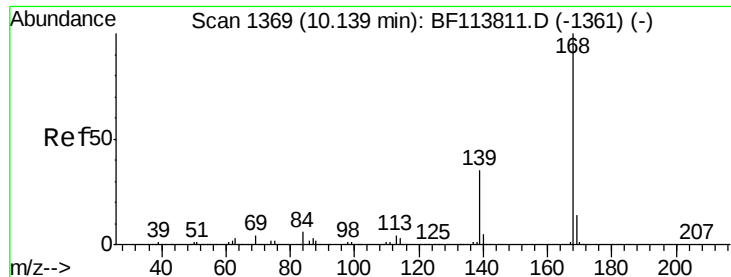
#54
2,4-Dinitrophenol
Concen: 41.352 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:184 Resp: 78163
Ion Ratio Lower Upper
184 100
63 60.9 54.6 81.8
154 182.7 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.277 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

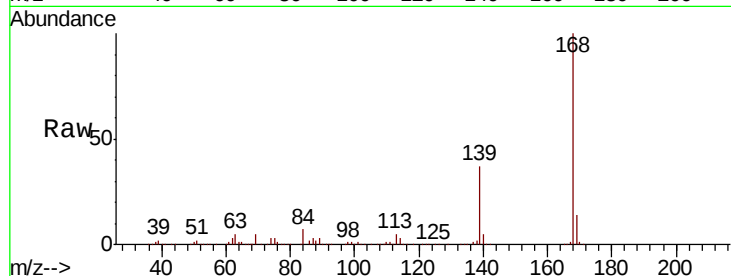
Tot Ion:168 Resp: 1320584

Ion Ratio Lower Upper

168 100

139 36.6 27.8 41.6

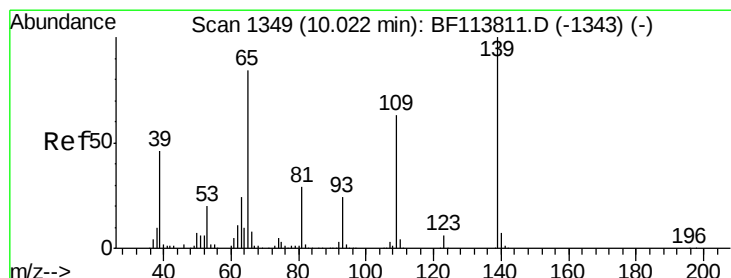
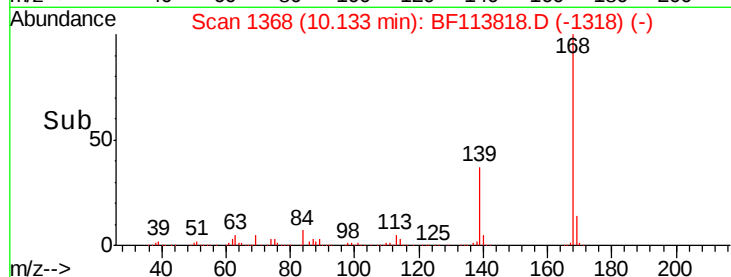
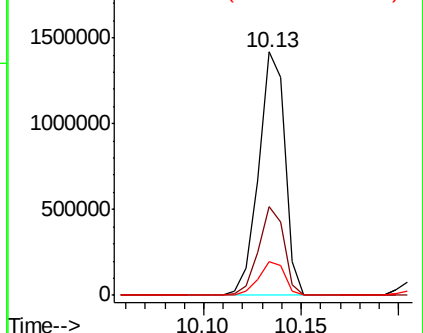
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.007 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

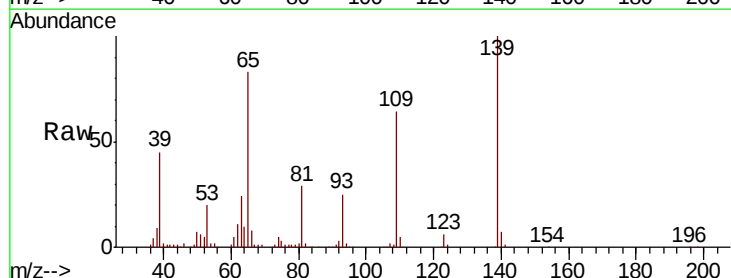
Tgt Ion:139 Resp: 215106

Ion Ratio Lower Upper

139 100

109 63.9 42.9 82.9

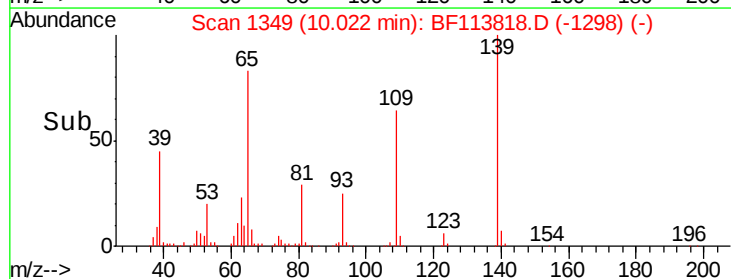
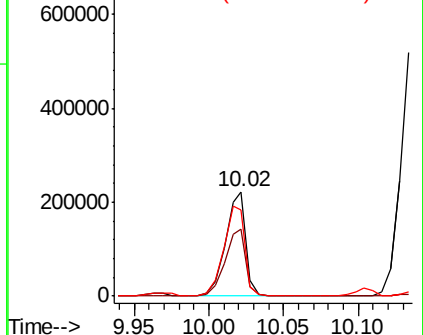
65 82.8 64.4 104.4

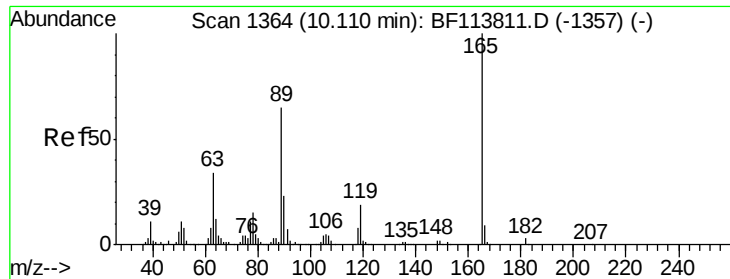


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

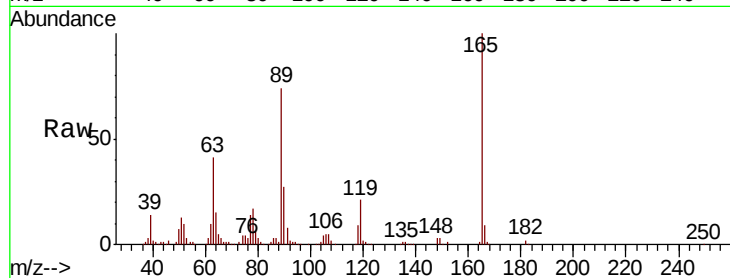




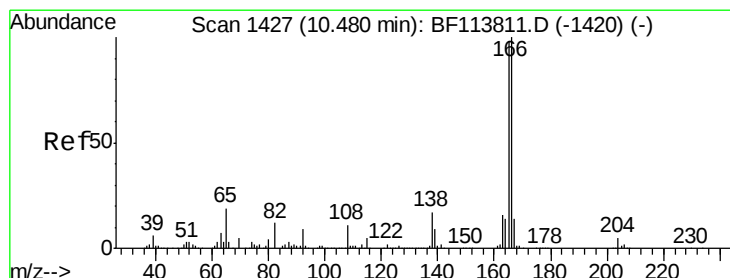
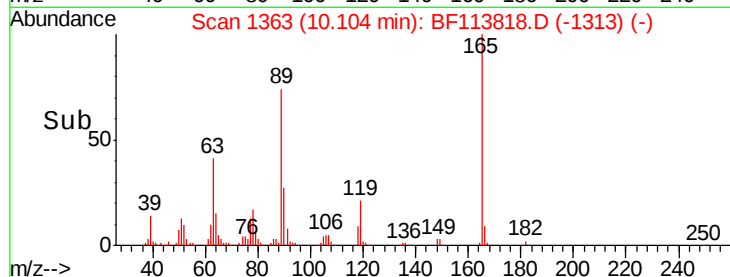
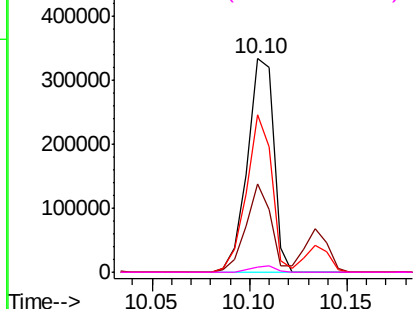
#57
2,4-Dinitrotoluene
Concen: 43.611 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 314042
Ion Ratio Lower Upper
165 100
63 41.4 27.4 41.0#
89 73.6 51.8 77.6
182 2.5 2.2 3.2

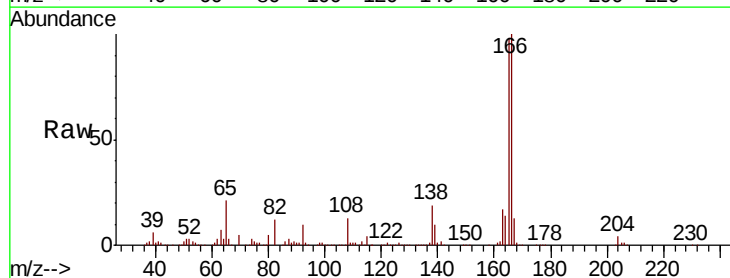


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

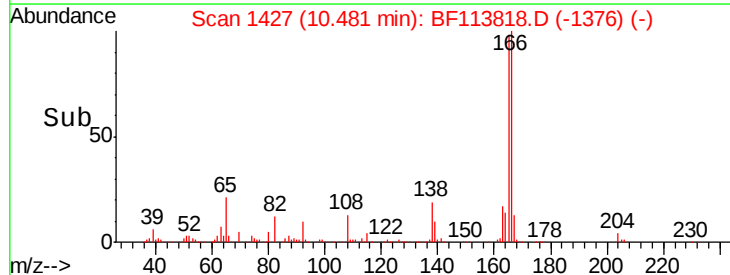
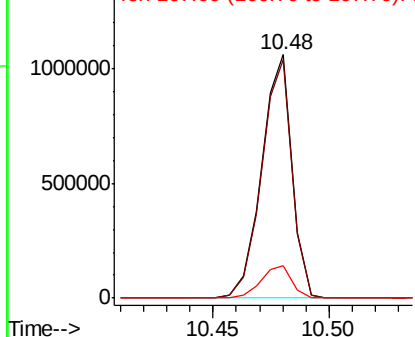


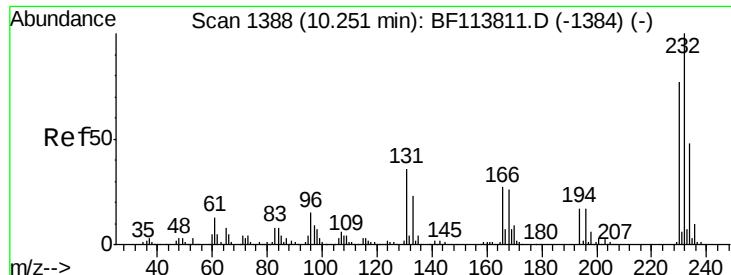
#58
Fluorene
Concen: 40.531 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:166 Resp: 967320
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

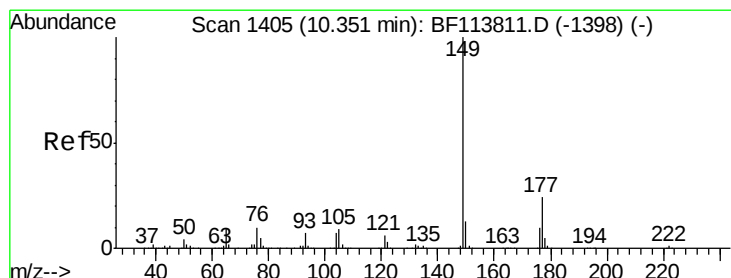
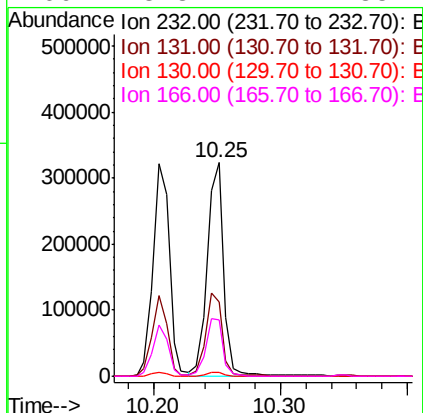
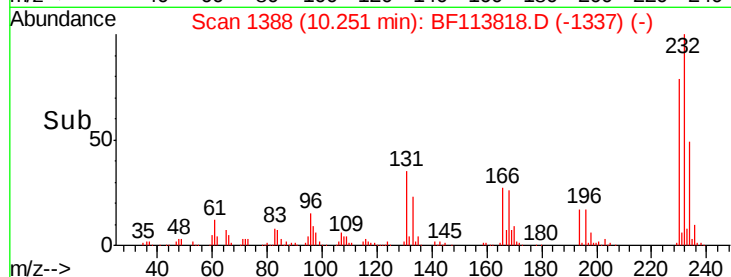
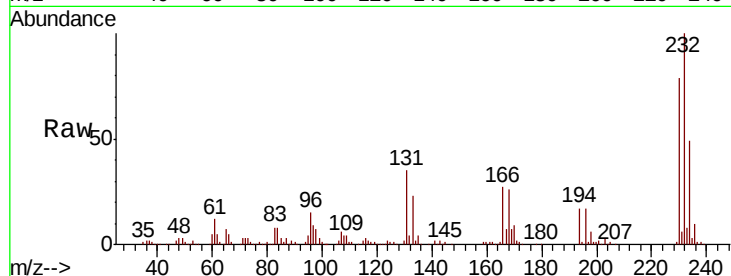




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.476 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

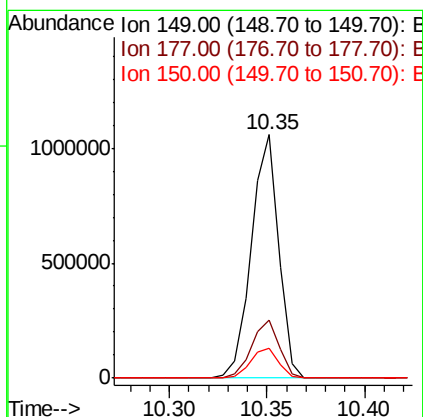
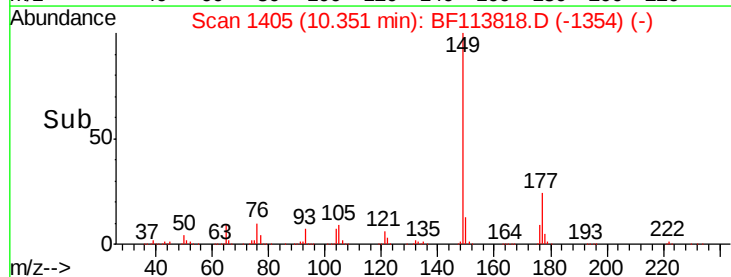
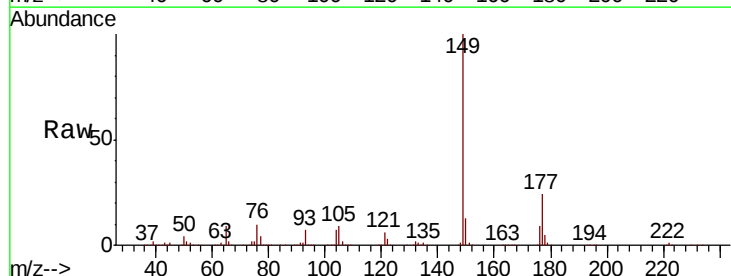
Instrument :
BNA_F
ClientSampleId :

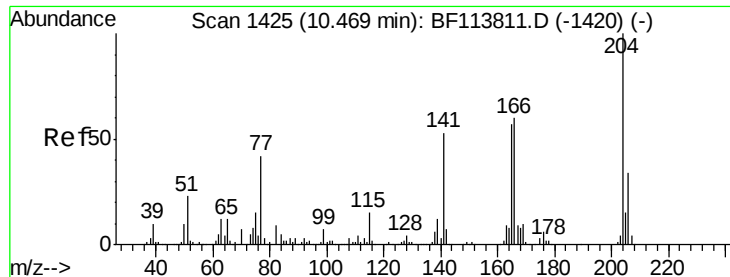
Tot Ion:	232	Resp:	293212
Ion	Ratio	Lower	Upper
232	100		
131	38.9	30.2	45.2
130	1.8	1.5	2.3
166	28.3	22.2	33.4



#60
Diethylphthalate
Concen: 40.658 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:	149	Resp:	1024818
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.2	28.8
150	12.5	10.3	15.5

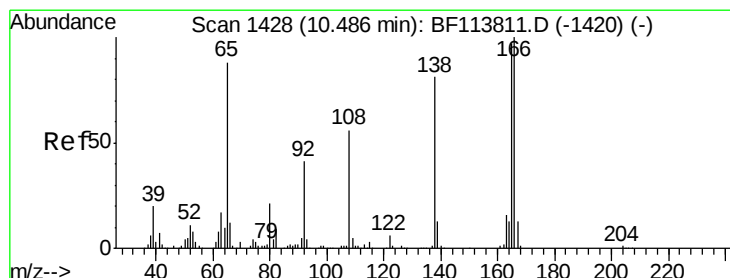
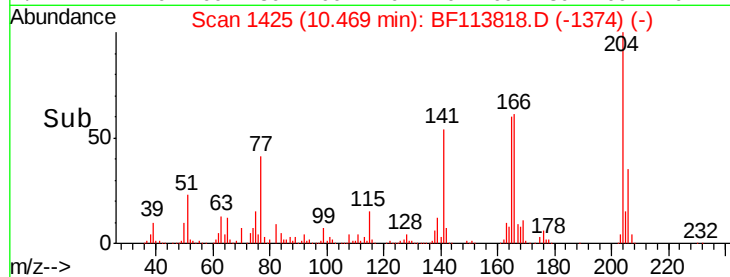
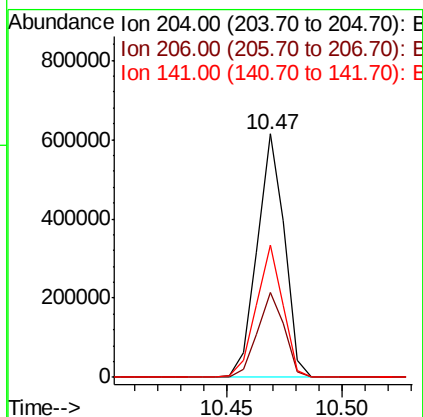
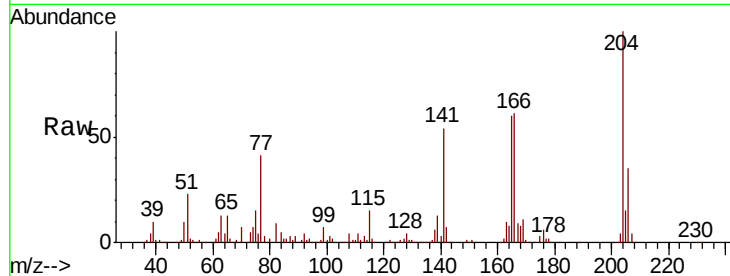




#61
 4-Chlorophenyl-phenylether
 Concen: 41.482 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

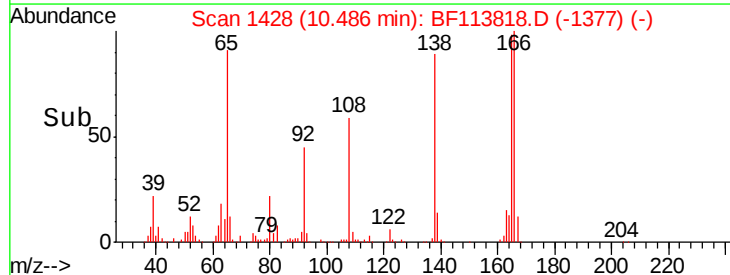
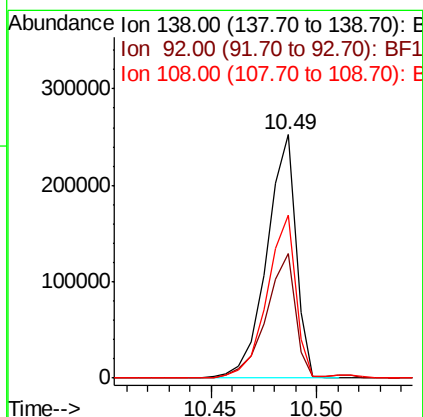
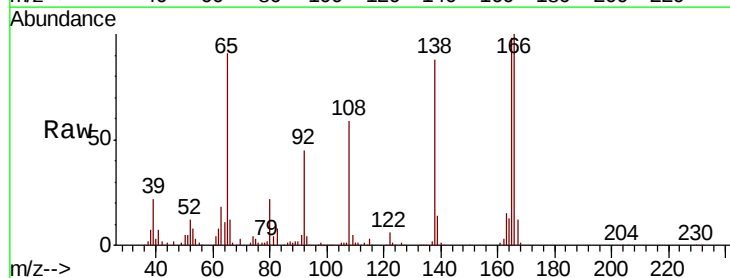
Instrument :
 BNA_F
 ClientSampleId :

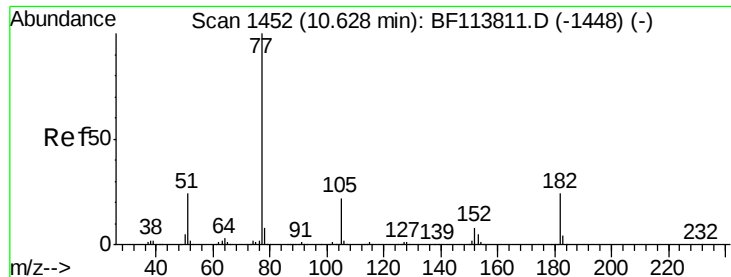
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.4	41.2
141	54.1	42.6	63.8



#62
 4-Nitroaniline
 Concen: 41.128 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF113818.D
 Acq: 18 Apr 2019 15:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.3	71.3
108	67.2	48.9	88.9





#63

Azobenzene

Concen: 40.881 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1058869

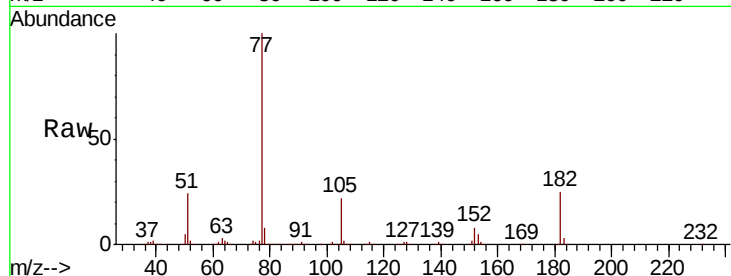
Ion Ratio Lower Upper

77 100

182 25.0 4.4 44.4

105 22.4 2.2 42.2

51 24.1 3.9 43.9

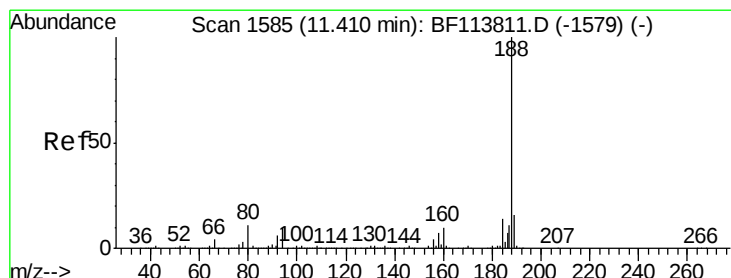
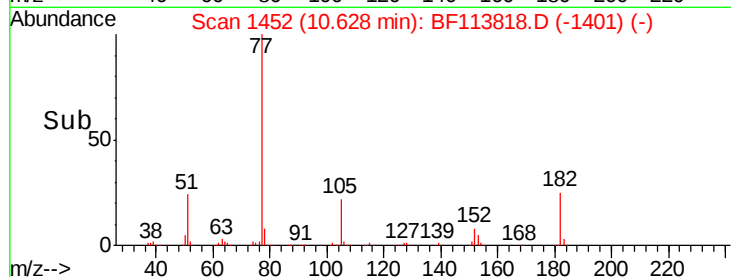
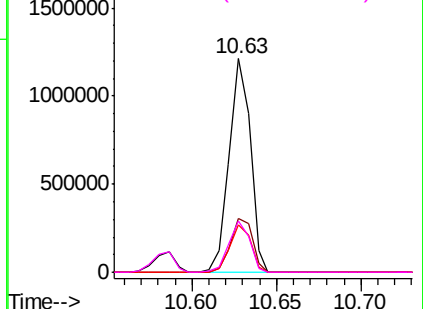


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

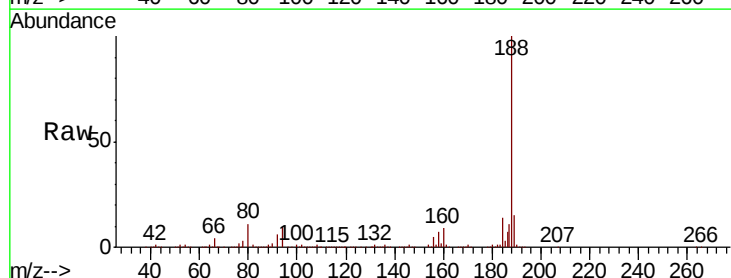
Tgt Ion: 188 Resp: 720987

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

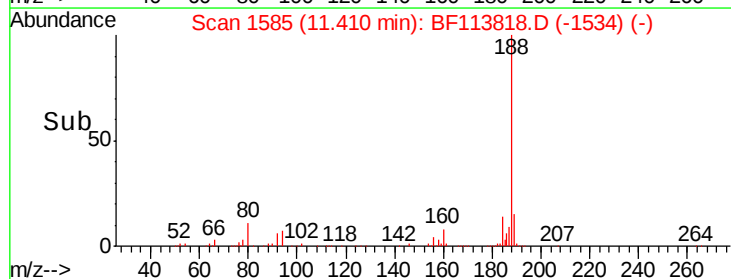
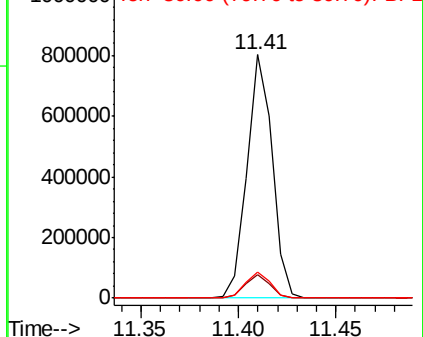
80 10.9 9.0 13.6

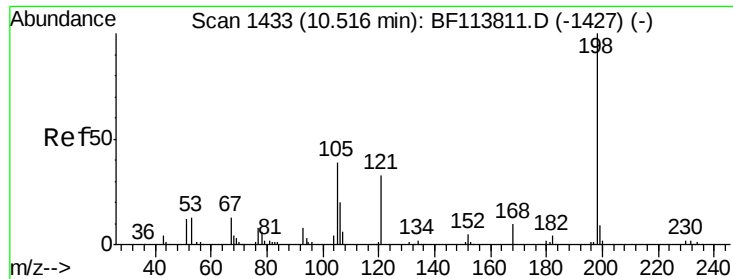


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

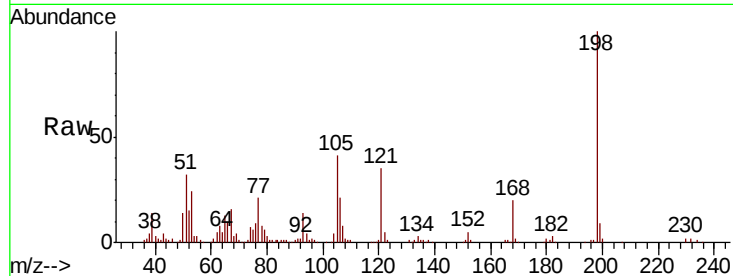




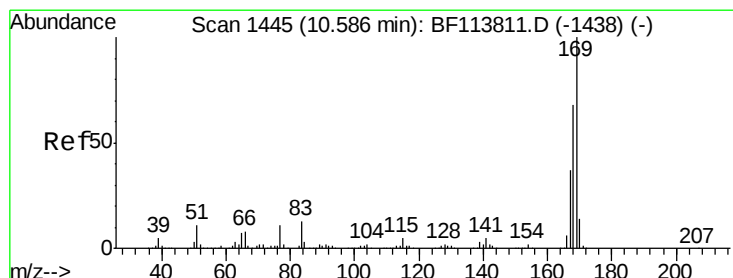
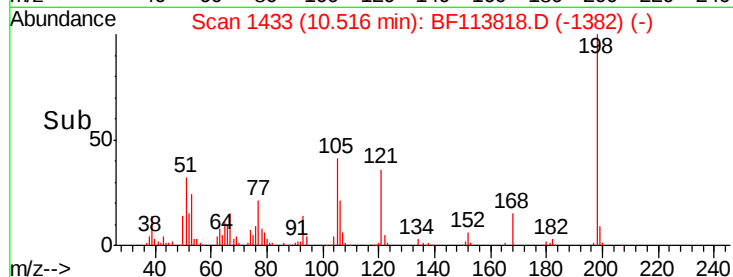
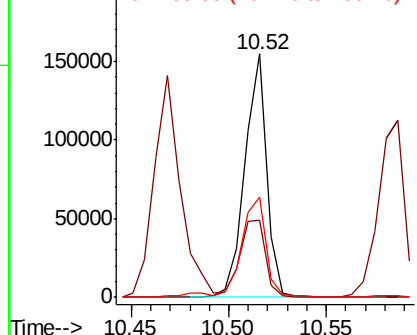
#65
4,6-Dinitro-2-methylphenol
Concen: 41.550 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 120570
Ion Ratio Lower Upper
198 100
51 31.6 11.1 51.1
105 41.1 20.7 60.7

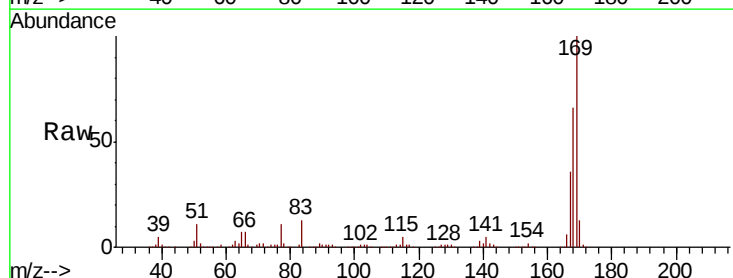


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

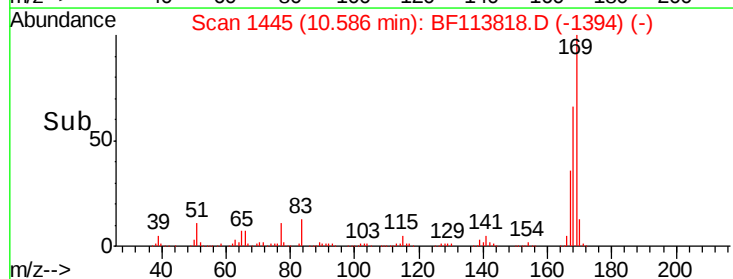
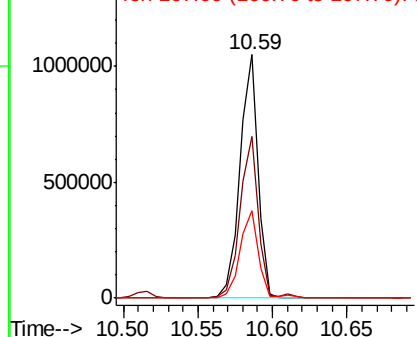


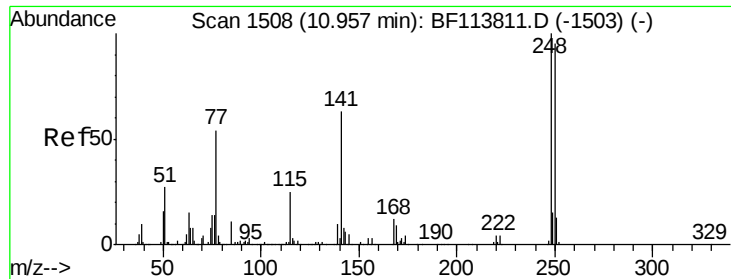
#66
n-Nitrosodiphenylamine
Concen: 40.829 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:169 Resp: 892320
Ion Ratio Lower Upper
169 100
168 66.4 54.3 81.5
167 36.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

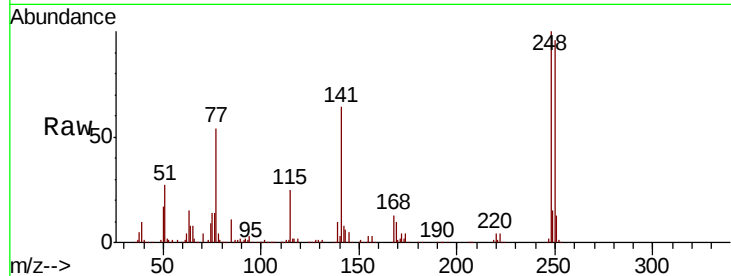




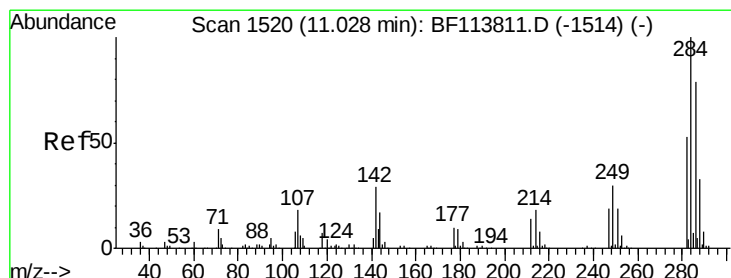
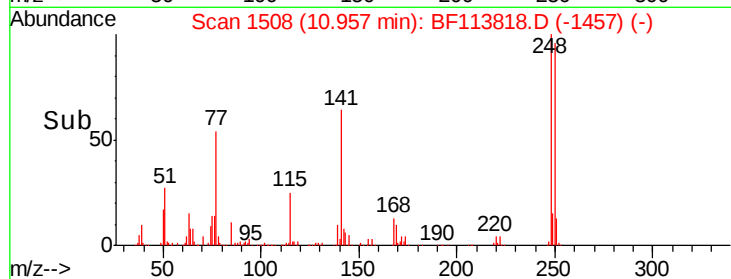
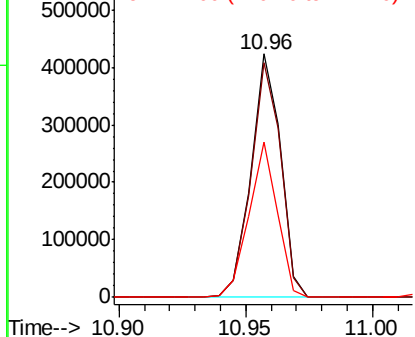
#67
4-Bromophenyl-phenylether
Concen: 40.668 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 344324
Ion Ratio Lower Upper
248 100
250 96.4 75.8 113.6
141 63.6 50.2 75.4

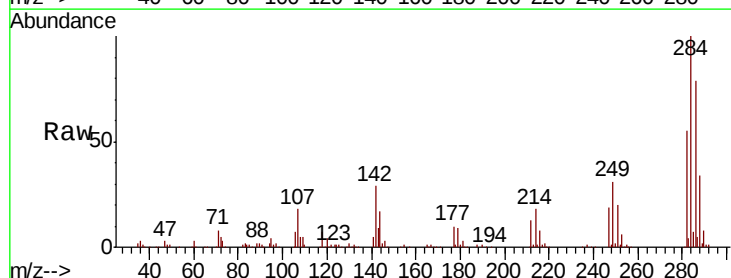


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

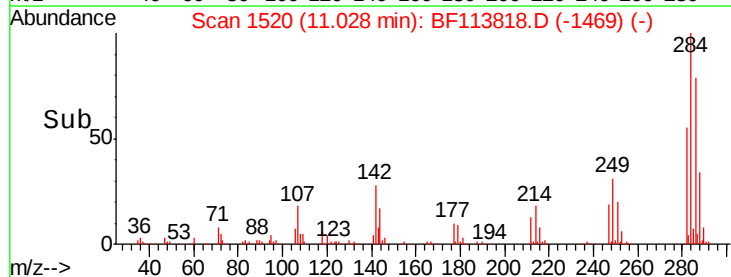
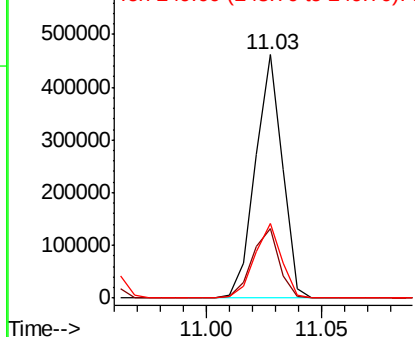


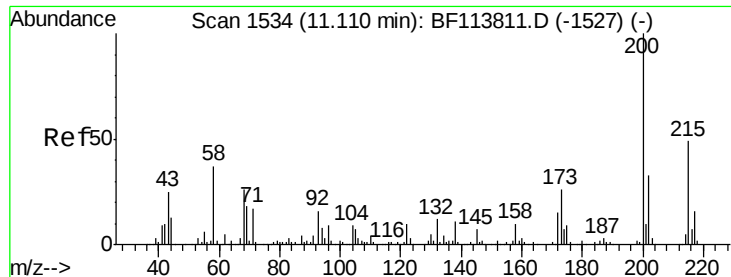
#68
Hexachlorobenzene
Concen: 40.606 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:284 Resp: 378085
Ion Ratio Lower Upper
284 100
142 28.6 23.0 34.4
249 30.9 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.642 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

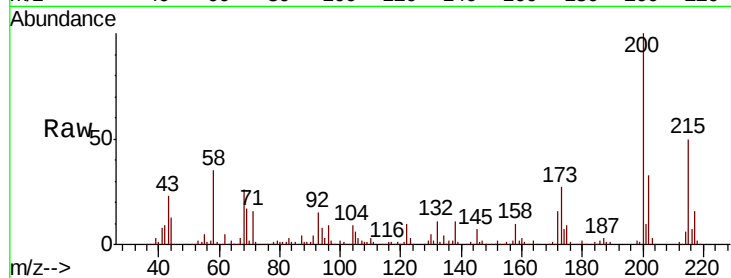
Tot Ion:200 Resp: 281575

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

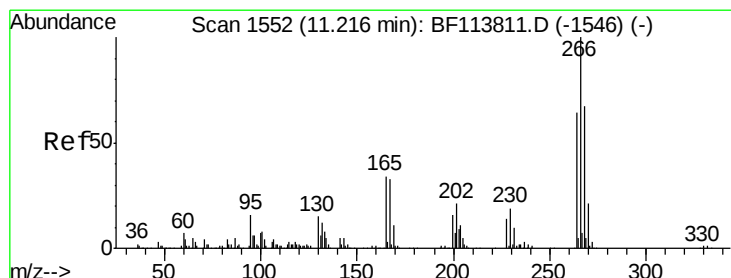
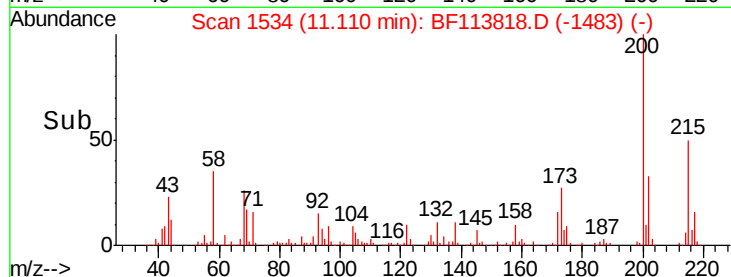
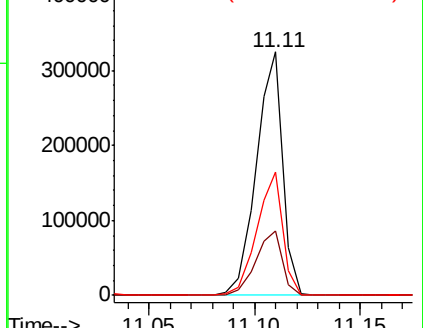
215 50.5 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.175 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

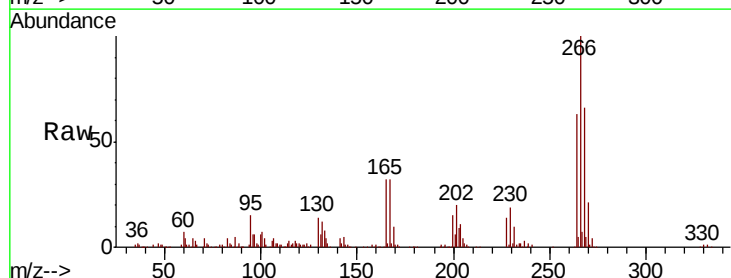
Tgt Ion:266 Resp: 222622

Ion Ratio Lower Upper

266 100

268 65.6 53.5 80.3

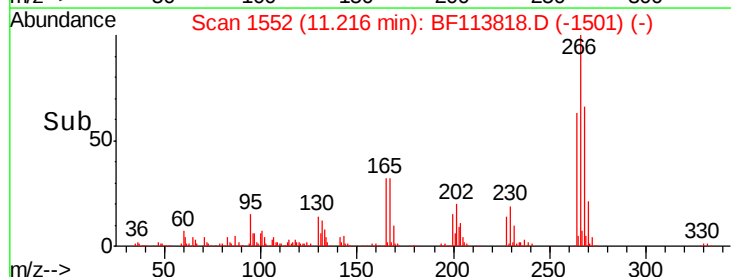
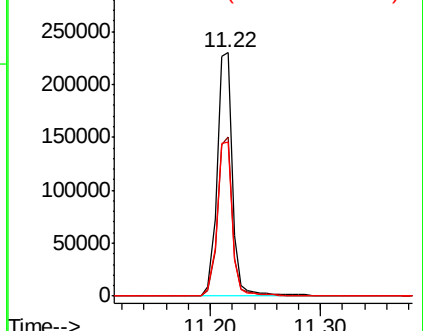
264 63.3 51.0 76.6

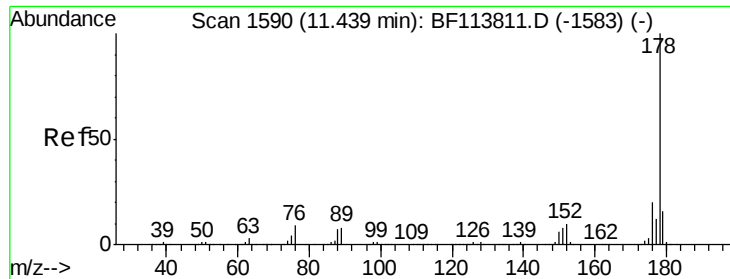


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

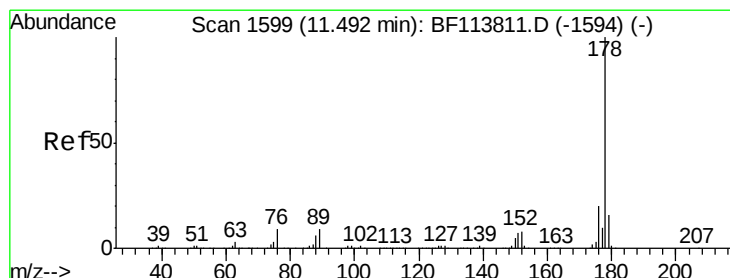
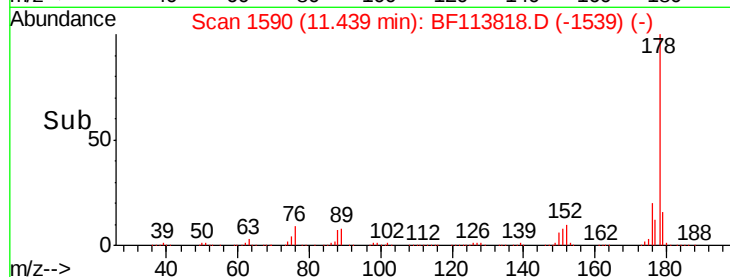
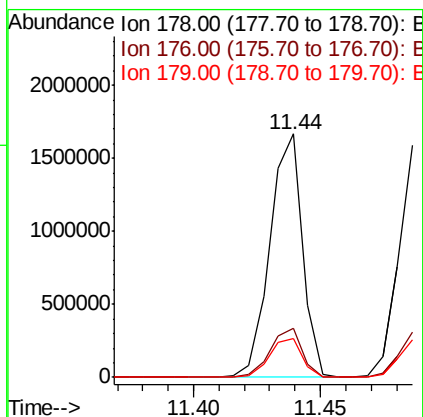
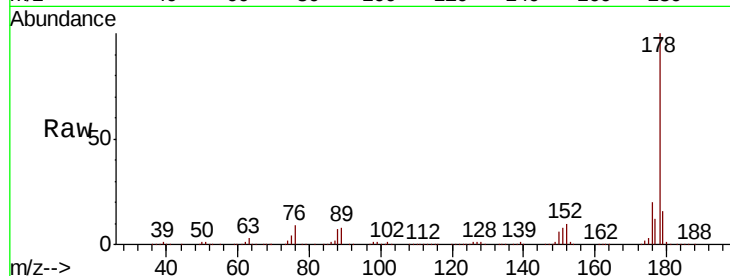




#71
Phenanthrene
Concen: 40.931 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

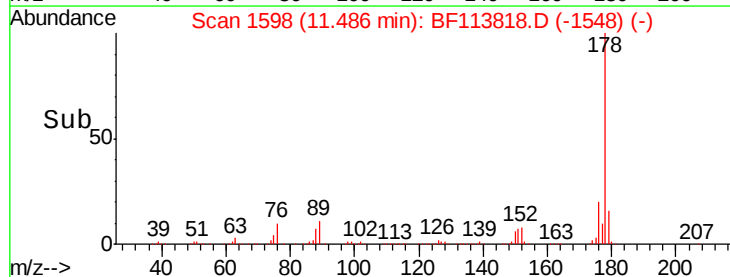
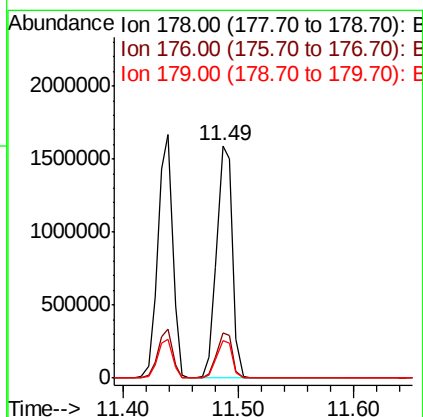
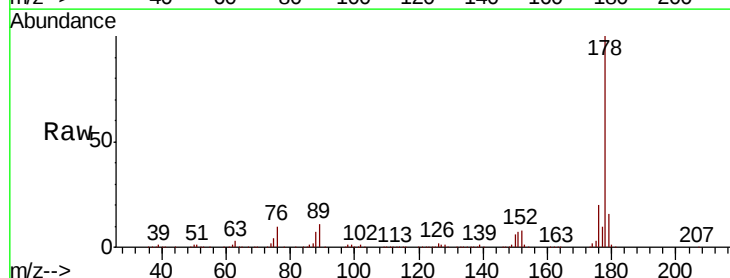
Instrument :
BNA_F
ClientSampleId :

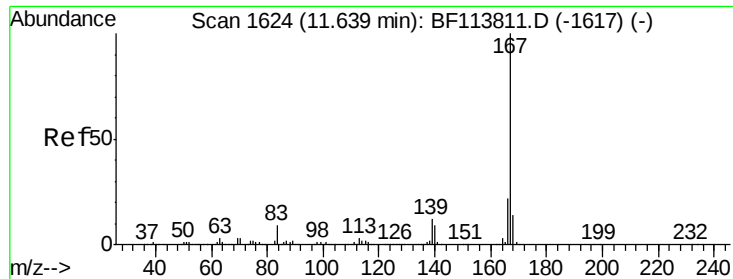
Tot Ion:178 Resp: 1503009
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.0 12.8 19.2



#72
Anthracene
Concen: 41.017 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:178 Resp: 1517763
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.3 13.0 19.4





#73

Carbazole

Concen: 40.730 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

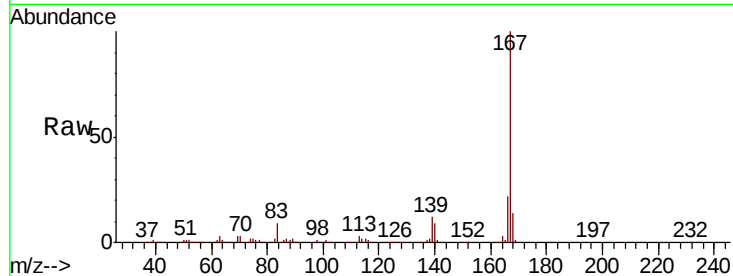
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1368355

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	12.4	10.0	15.0

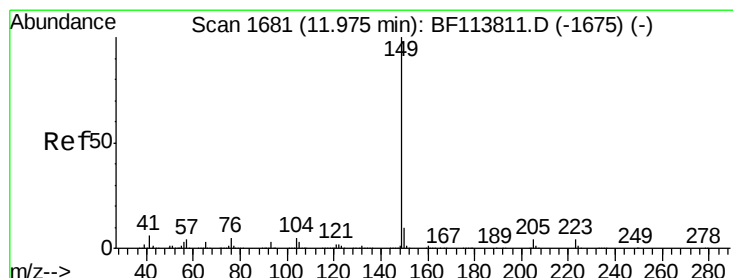
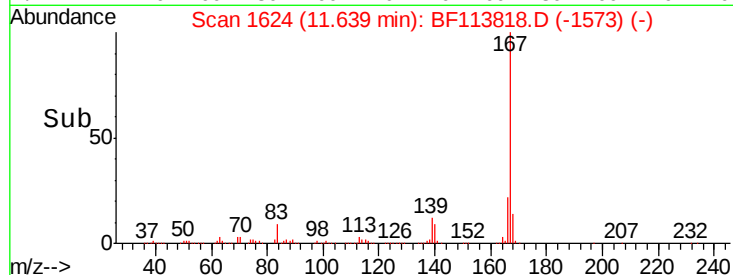
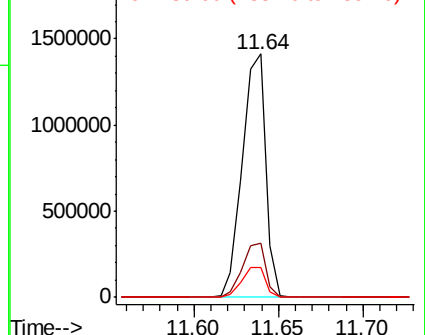


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.401 ng

RT: 11.97 min Scan# 1681

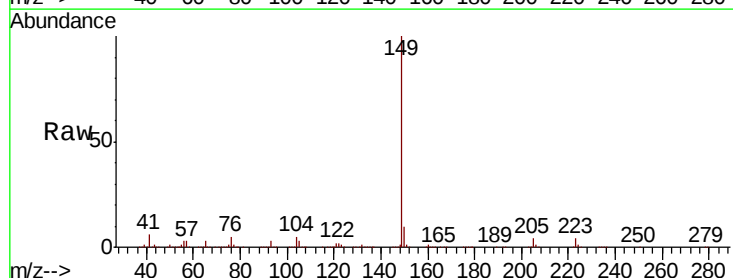
Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Tgt Ion:149 Resp: 1548014

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.7	3.8	5.8

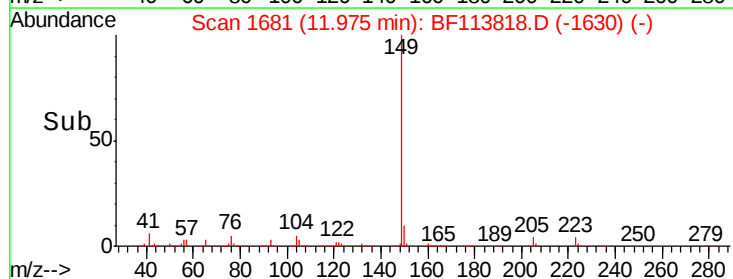
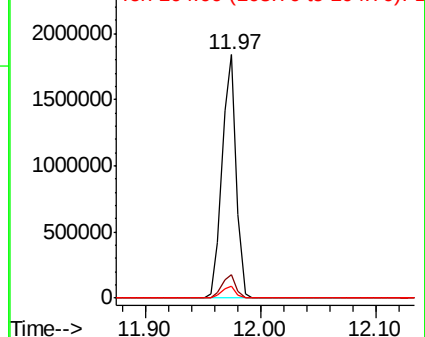


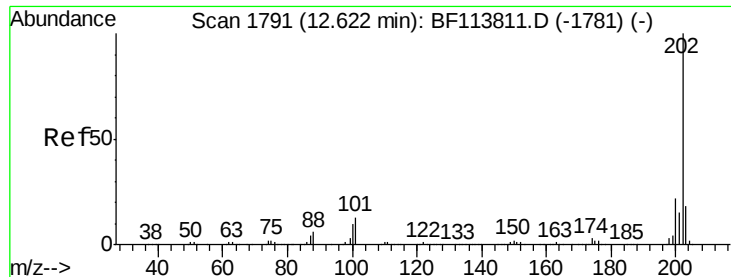
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.776 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

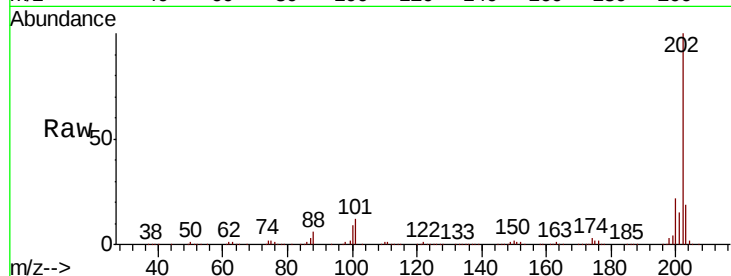
Tot Ion:202 Resp: 1586865

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.9

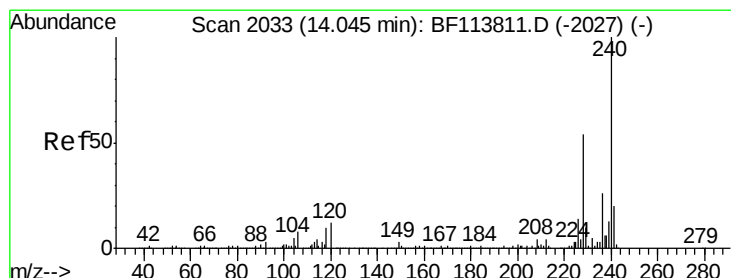
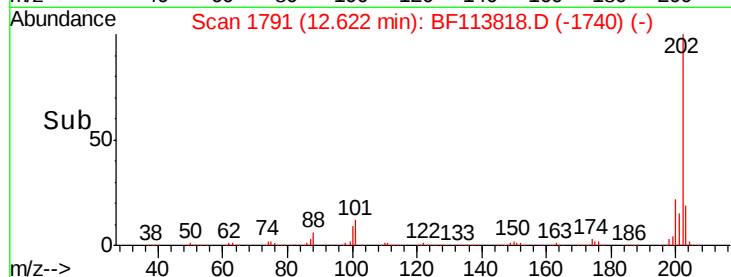
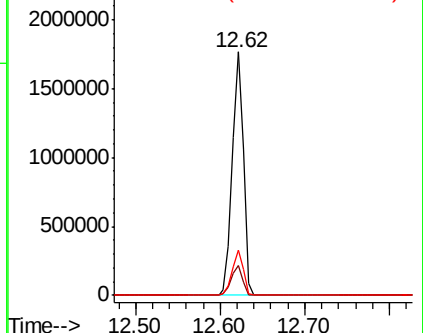
203 18.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

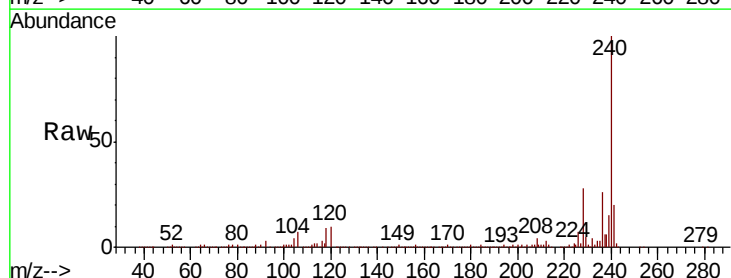
Tgt Ion:240 Resp: 562418

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

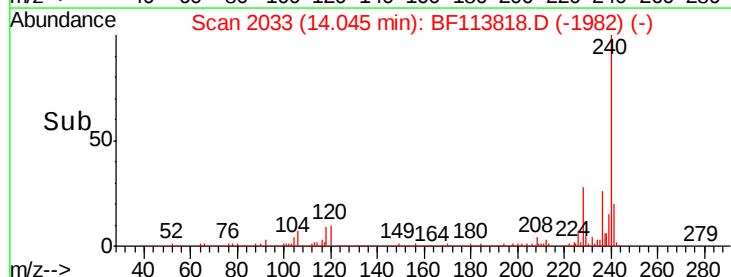
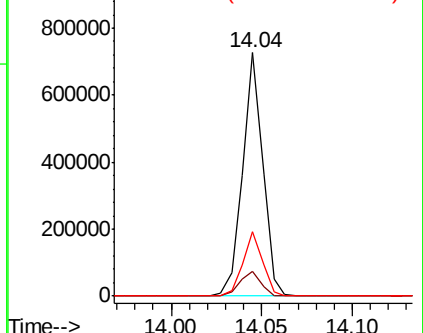
236 26.4 21.2 31.8

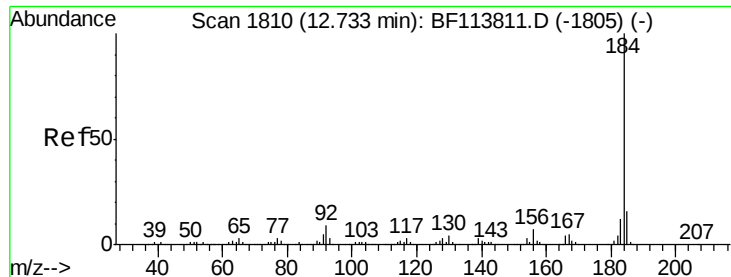


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.690 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

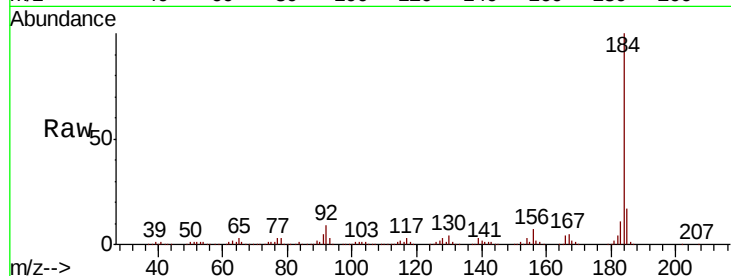
Tot Ion:184 Resp: 811783

Ion Ratio Lower Upper

184 100

185 17.4 13.0 19.6

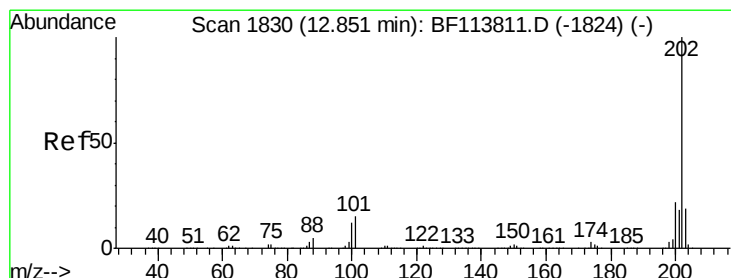
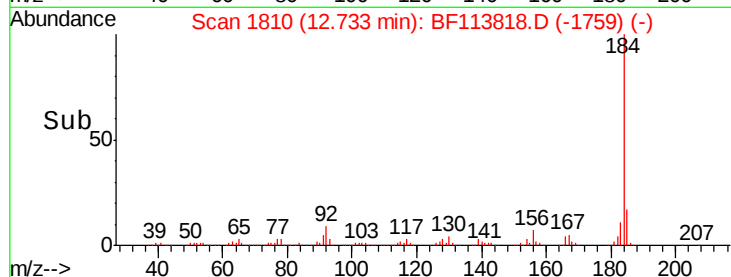
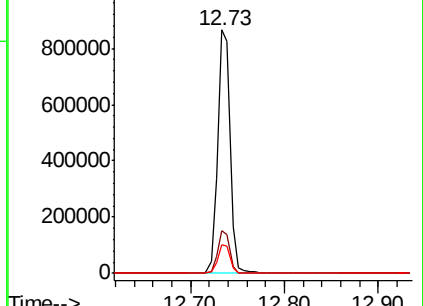
183 11.5 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.540 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

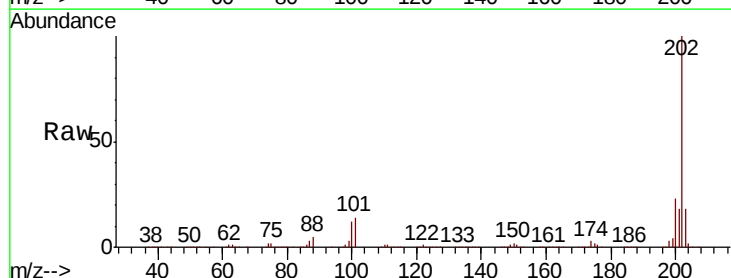
Tgt Ion:202 Resp: 1606867

Ion Ratio Lower Upper

202 100

200 23.0 17.7 26.5

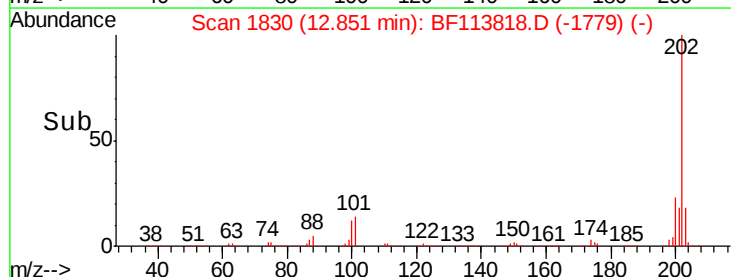
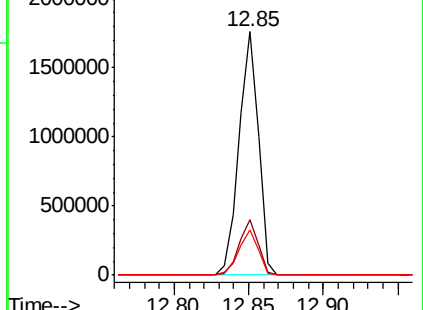
203 18.5 15.0 22.6

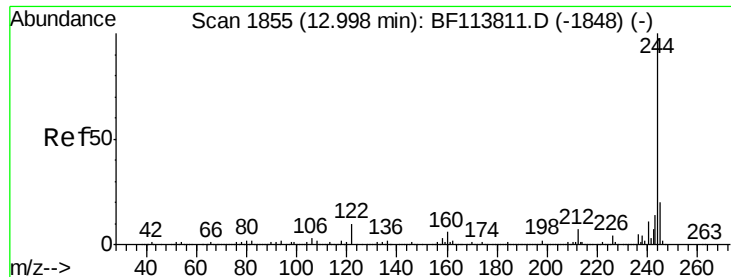


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.817 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampled :

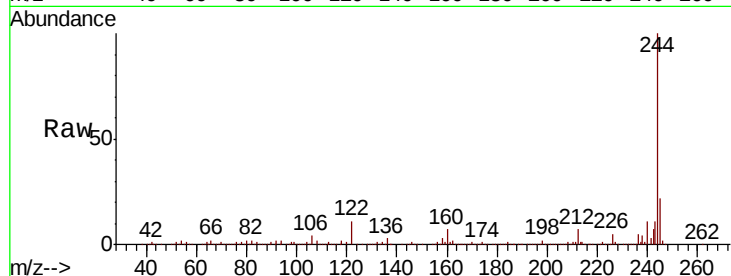
Tot Ion:244 Resp: 2194398

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

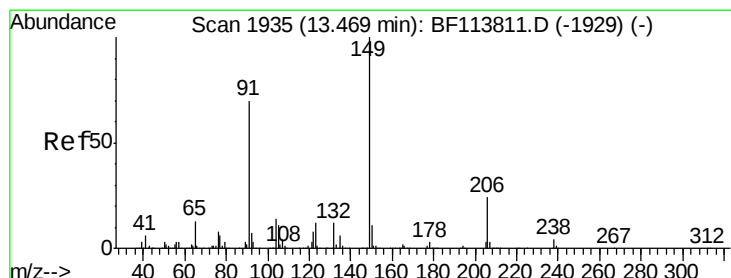
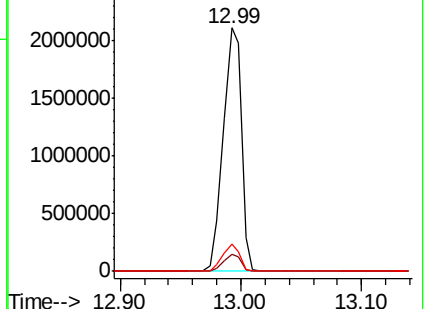
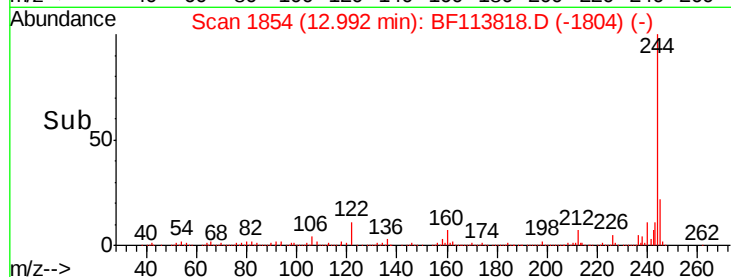
122 11.2 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.972 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

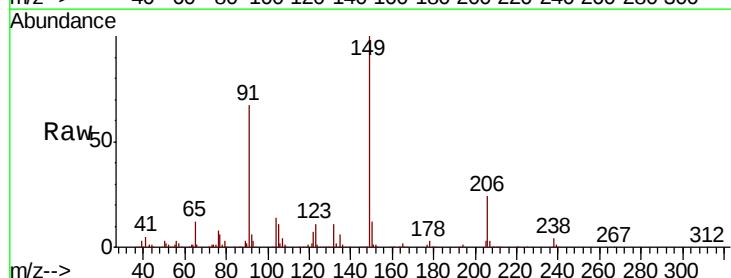
Tgt Ion:149 Resp: 601597

Ion Ratio Lower Upper

149 100

91 67.1 56.3 84.5

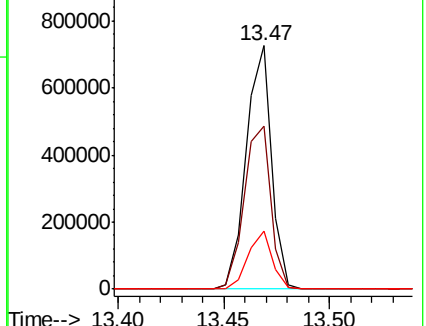
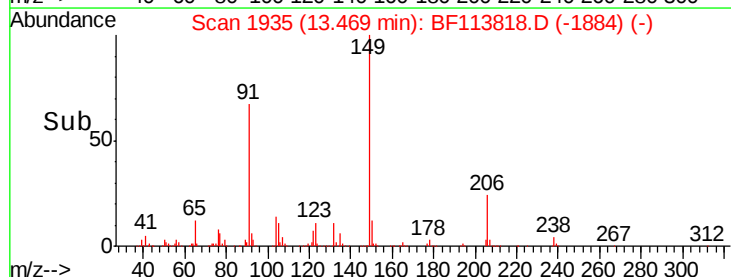
206 23.8 19.0 28.6

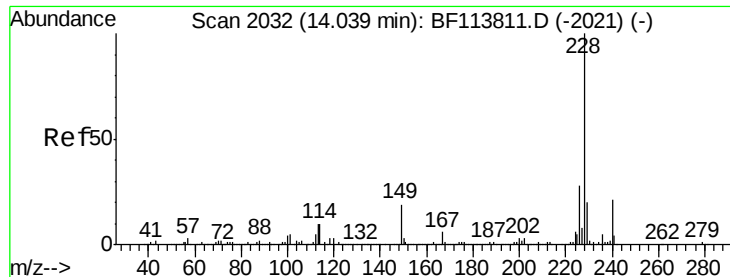


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

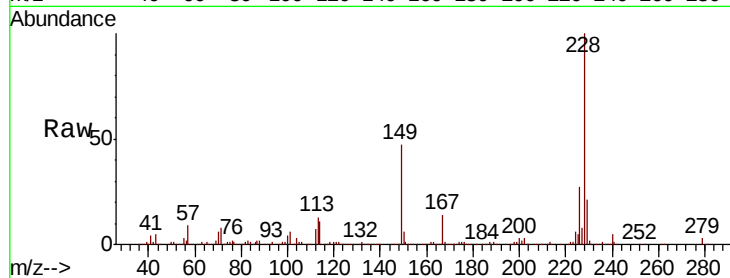




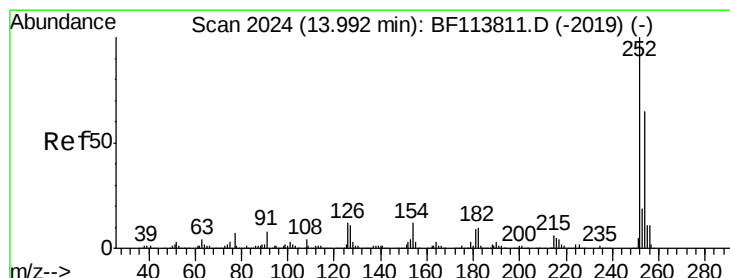
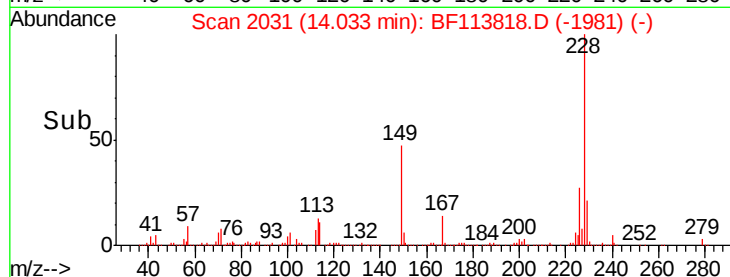
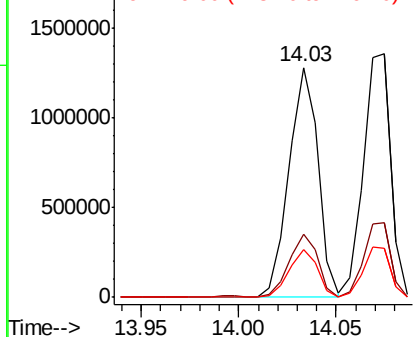
#81
Benzo(a)anthracene
Concen: 40.122 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1319047
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.6 16.0 24.0

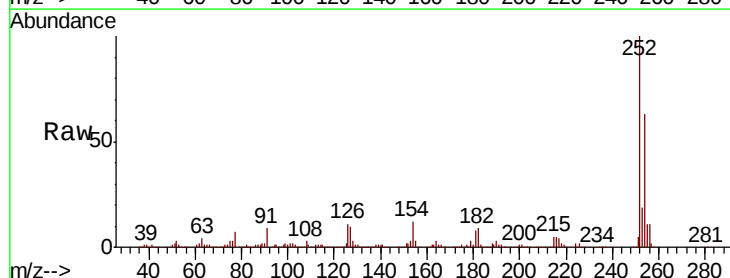


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

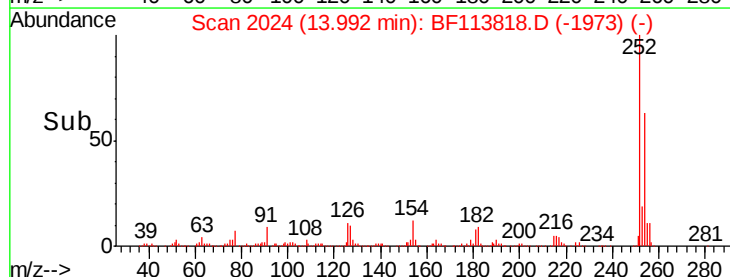
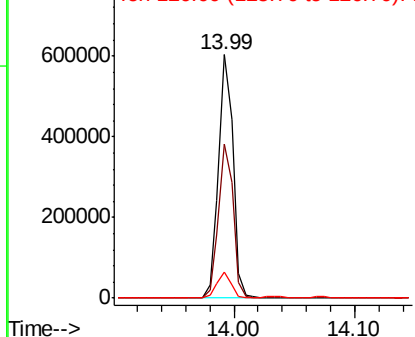


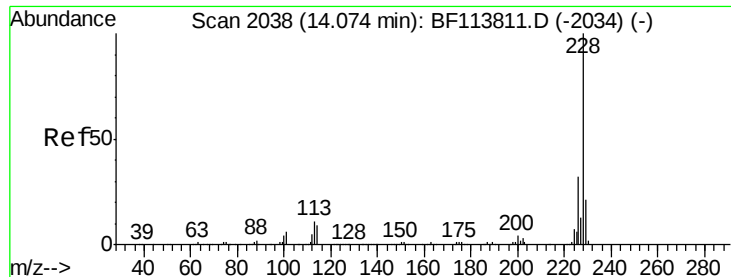
#82
3,3'-Dichlorobenzidine
Concen: 42.421 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:252 Resp: 495697
Ion Ratio Lower Upper
252 100
254 63.2 52.1 78.1
126 10.9 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.348 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

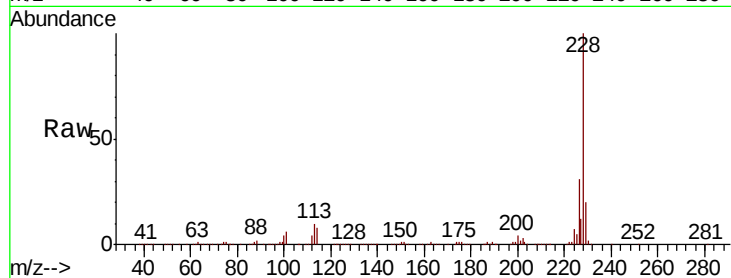
Tot Ion:228 Resp: 1316636

Ion Ratio Lower Upper

228 100

226 30.7 25.2 37.8

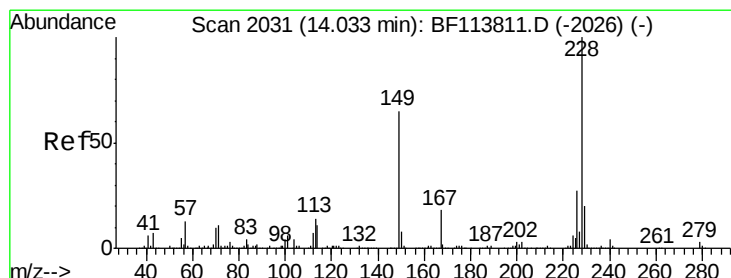
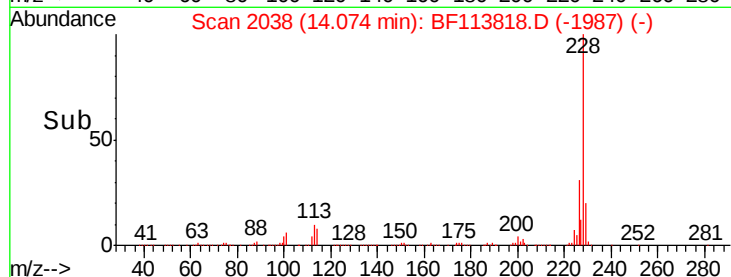
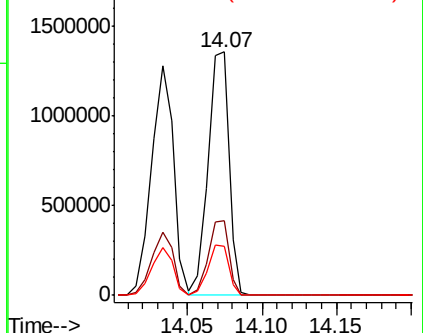
229 20.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.742 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

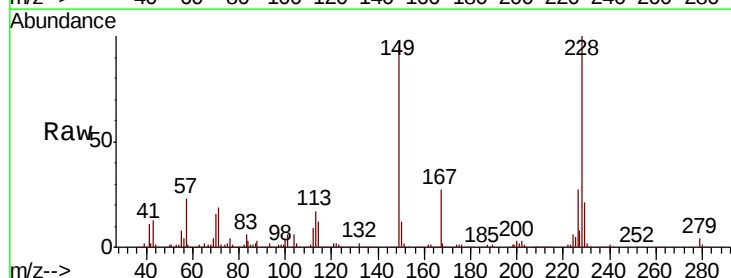
Tgt Ion:149 Resp: 715657

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

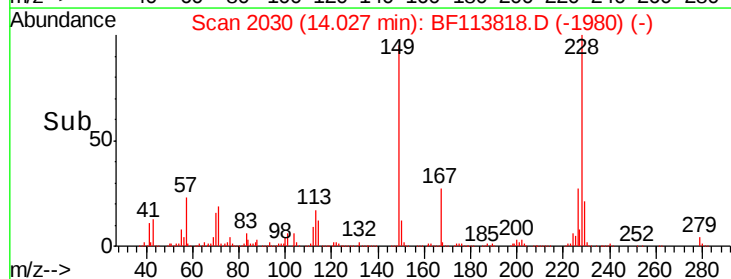
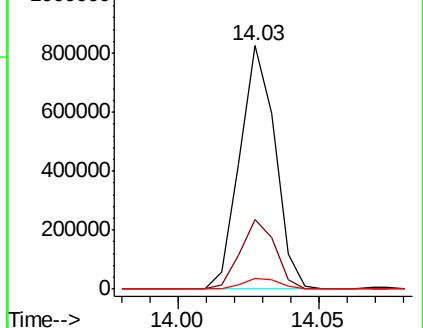
279 4.3 4.2 6.2

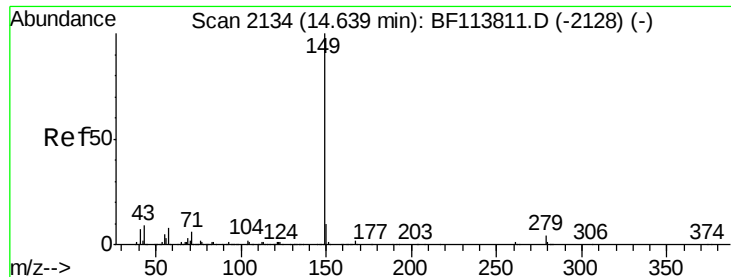


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.661 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

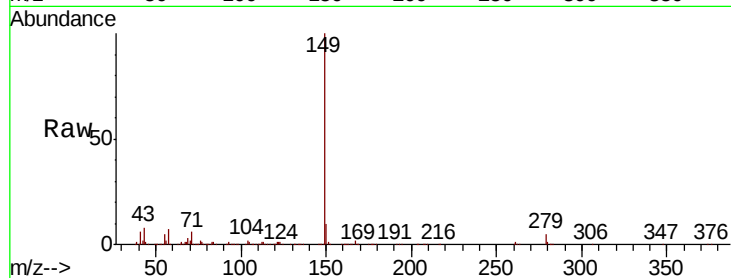
Tot Ion:149 Resp: 1080937

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

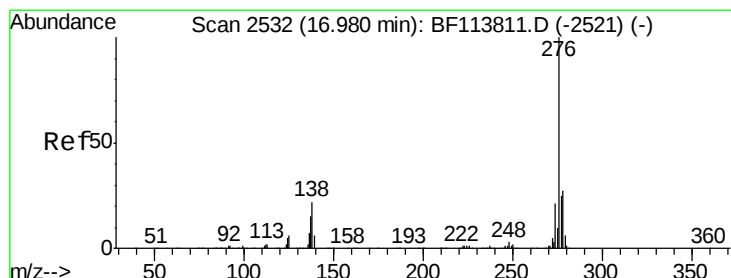
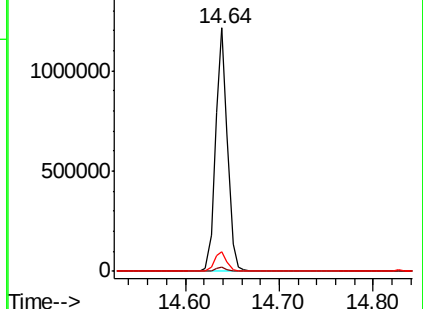
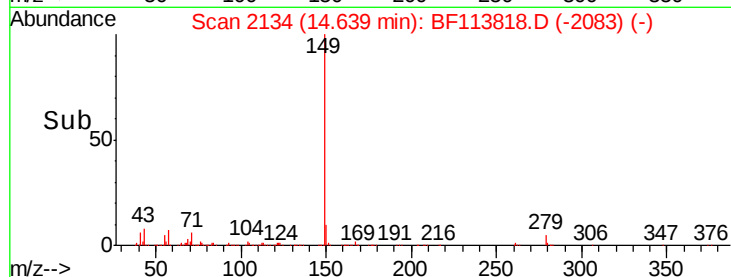
43 8.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.534 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

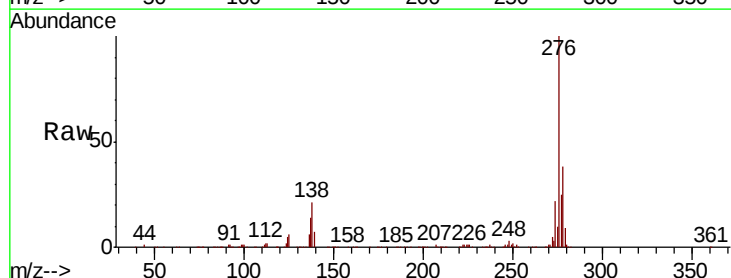
Tgt Ion:276 Resp: 999867

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

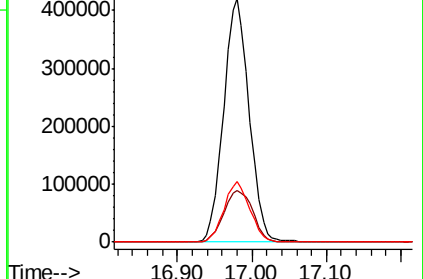
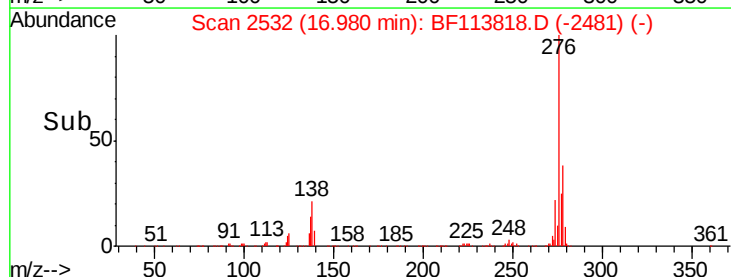
277 25.2 20.2 30.4

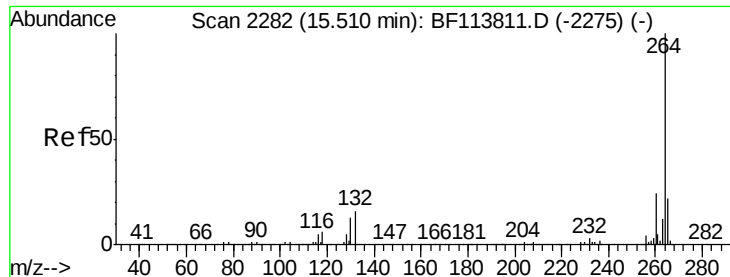


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



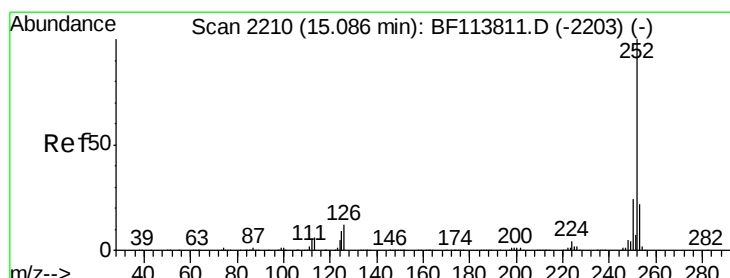
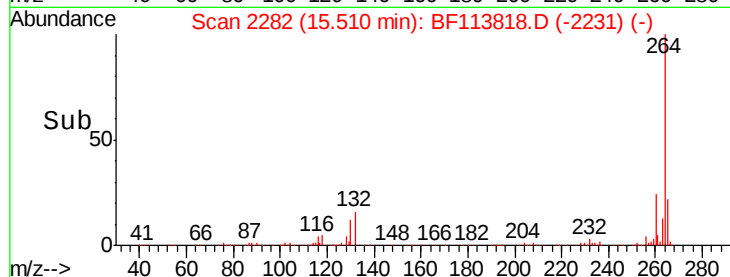
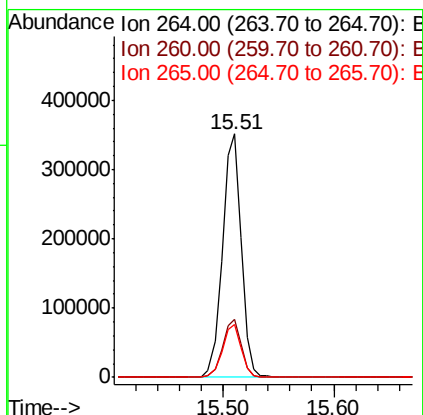
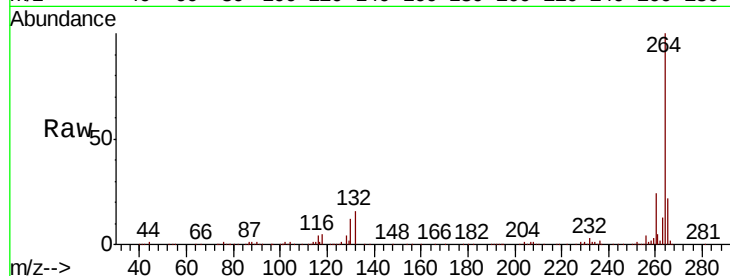


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 417680

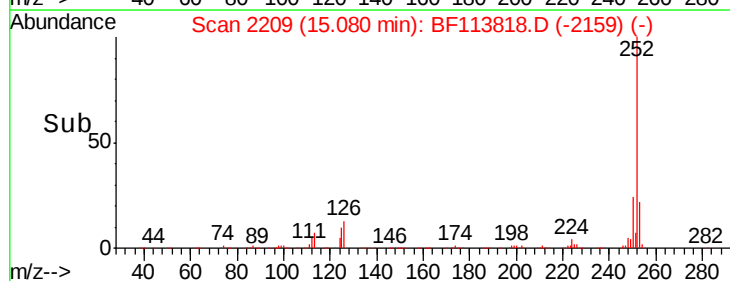
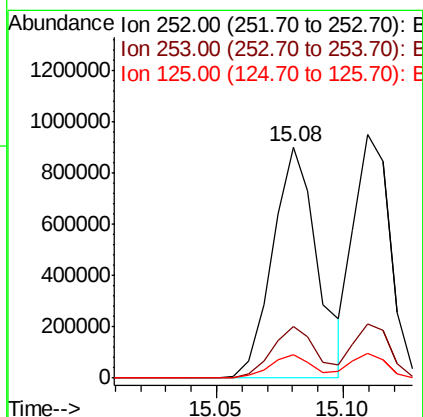
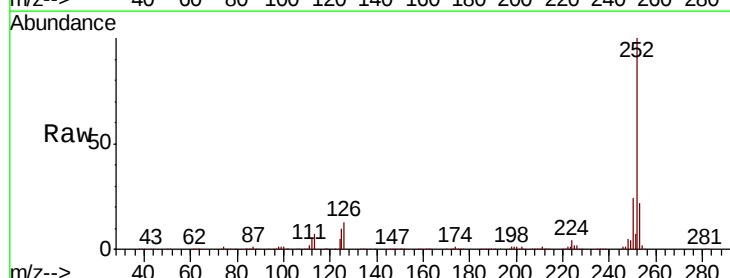
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.3	25.9

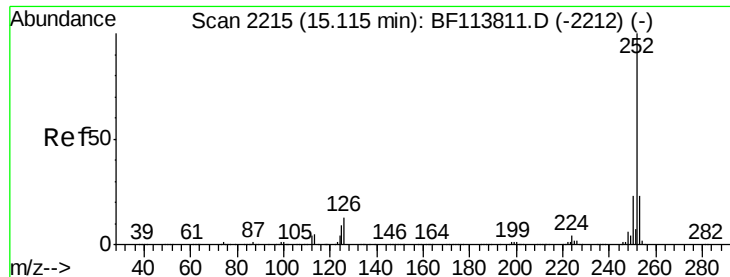


#88
Benzo(b)fluoranthene
Concen: 42.863 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:252 Resp: 1116077

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.0	7.0	10.6

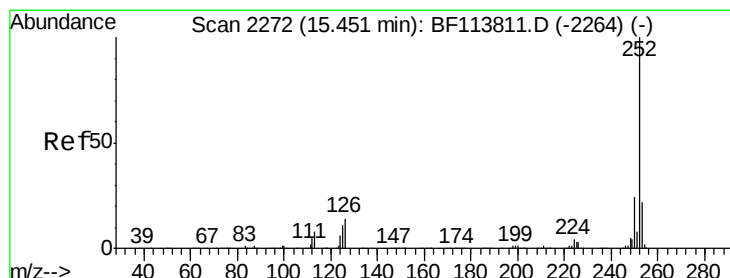
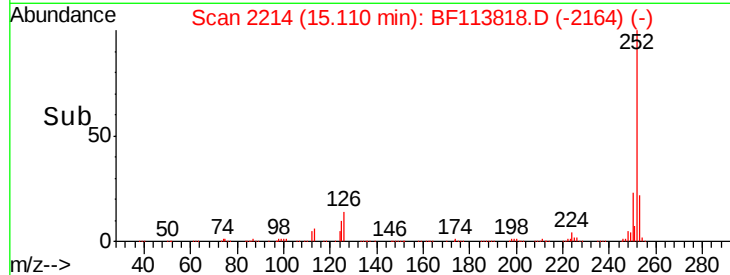
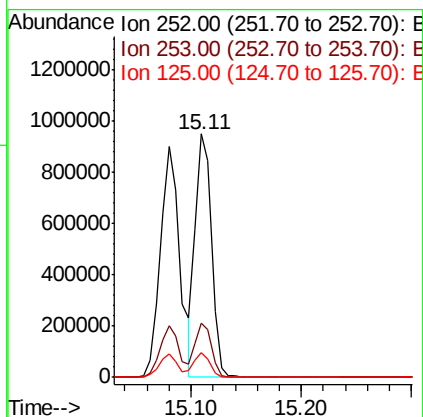
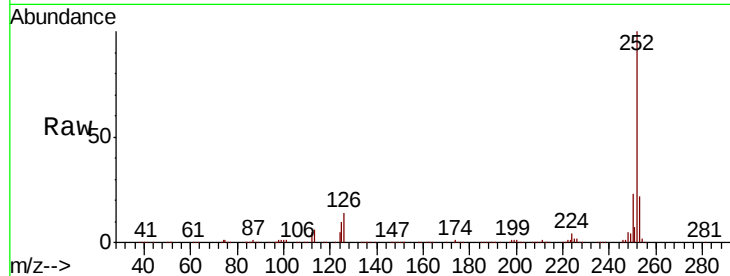




#89
Benzo(k)fluoranthene
Concen: 40.121 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

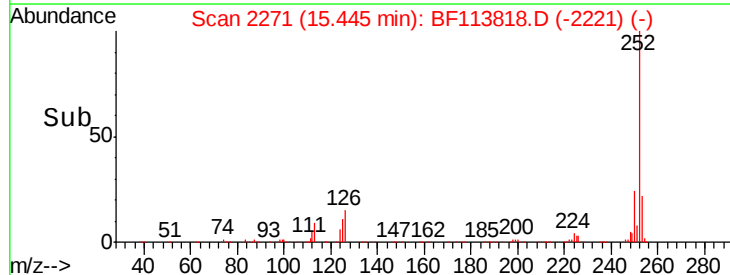
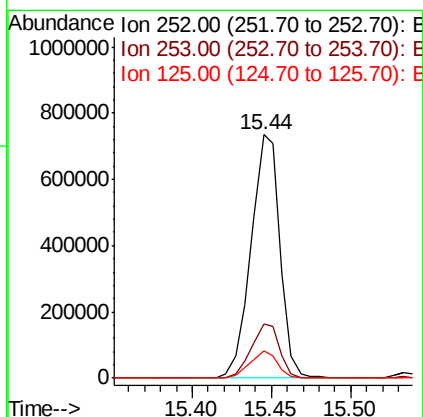
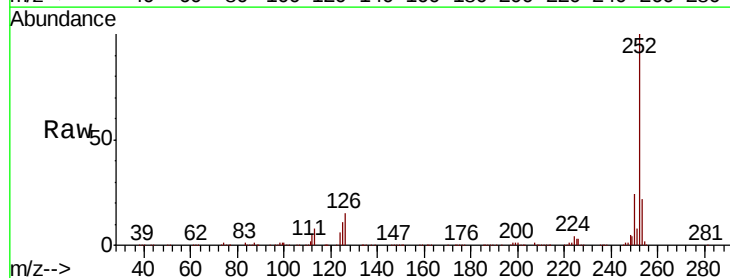
Instrument :
BNA_F
ClientSampleId :

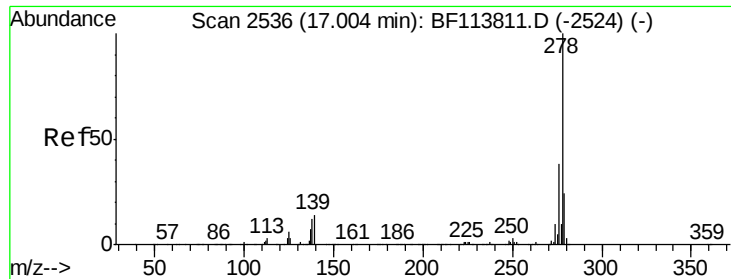
Tot Ion:252 Resp: 951507
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.561 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF113818.D
Acq: 18 Apr 2019 15:34

Tgt Ion:252 Resp: 933879
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.2 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 40.108 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

Instrument :

BNA_F

ClientSampleId :

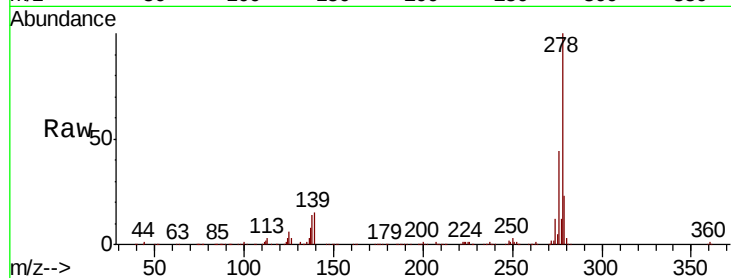
Tot Ion:278 Resp: 821646

Ion Ratio Lower Upper

278 100

139 15.1 11.6 17.4

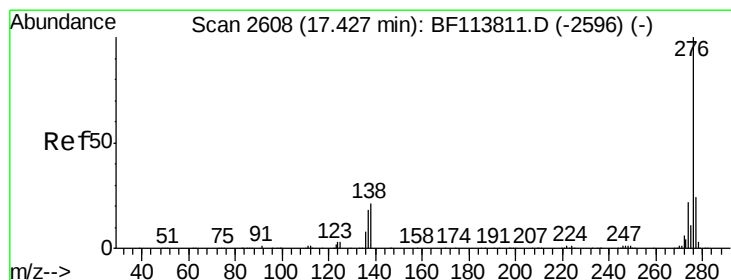
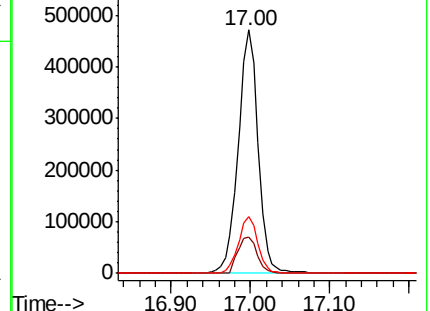
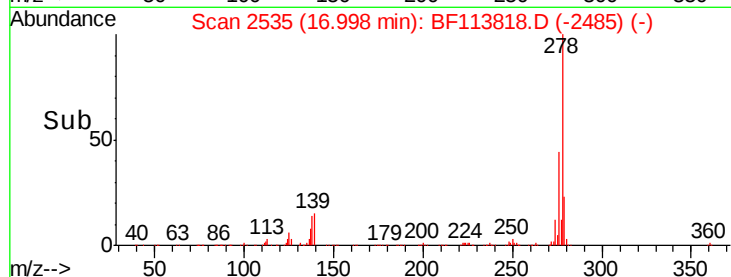
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.193 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BF113818.D

Acq: 18 Apr 2019 15:34

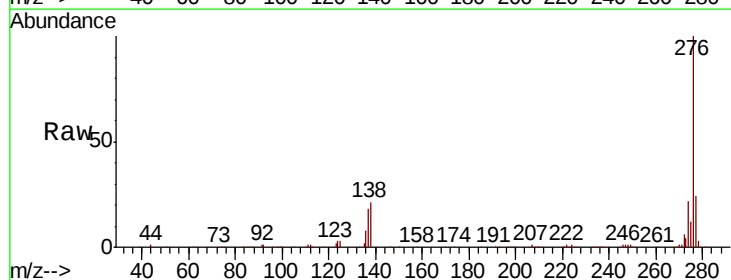
Tgt Ion:276 Resp: 836908

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.4 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

