

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113809.D
 Acq On : 18 Apr 2019 8:08
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:55:19 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 12:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184296	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	729834	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	381430	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	741291	20.00	ng	0.00
76) Chrysene-d12	14.04	240	677003	20.00	ng	0.00
87) Perylene-d12	15.51	264	580598	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	247785	22.93	ng	0.00
7) Phenol-d6	6.50	99	310255	23.29	ng	-0.01
23) Nitrobenzene-d5	7.45	82	233540	18.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	91689	20.01	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	590599	24.93	ng	0.00
79) Terphenyl-d14	12.99	244	752518	22.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	57119	11.159	ng	98
3) Pyridine	3.45	79	160160	11.956	ng	100
4) n-Nitrosodimethylamine	3.38	42	53381	9.379	ng	99
6) Aniline	6.55	93	208143	12.891	ng	99
8) 2-Chlorophenol	6.67	128	136589	10.923	ng	100
9) Benzaldehyde	6.44	77	113084	14.278	ng	97
10) Phenol	6.52	94	171838	11.295	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	138003	11.661	ng	96
12) 1,3-Dichlorobenzene	6.83	146	155181	11.524	ng	99
13) 1,4-Dichlorobenzene	6.91	146	155759	11.446	ng	98
14) 1,2-Dichlorobenzene	7.06	146	146650	11.939	ng	100
15) Benzyl Alcohol	7.02	79	119030	13.216	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	168882	9.168	ng	100
17) 2-Methylphenol	7.13	107	110220	11.374	ng	97
18) Hexachloroethane	7.41	117	53332	10.767	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	102818	12.517	ng	95
20) 3+4-Methylphenols	7.28	107	142175	12.109	ng	# 86
22) Acetophenone	7.29	105	193802	12.090	ng	98
24) Nitrobenzene	7.46	77	136833	10.664	ng	95
25) Isophorone	7.70	82	272978	11.373	ng	98
26) 2-Nitrophenol	7.79	139	40643	5.885	ng	95
27) 2,4-Dimethylphenol	7.82	122	111978	11.342	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	176533	11.633	ng	98
29) 2,4-Dichlorophenol	8.02	162	115925	10.974	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	133207	11.612	ng	96
31) Naphthalene	8.20	128	408789	11.560	ng	98
32) Benzoic acid	7.88	122	45449	5.945	ng	97
33) 4-Chloroaniline	8.23	127	163739	11.678	ng	99
34) Hexachlorobutadiene	8.32	225	81919	11.713	ng	98
35) Caprolactam	8.56	113	36339	10.837	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	117552	11.086	ng	99
37) 2-Methylnaphthalene	8.89	142	267138	11.486	ng	100
38) 1-Methylnaphthalene	8.99	142	259330	11.564	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	138271	11.209	ng	99

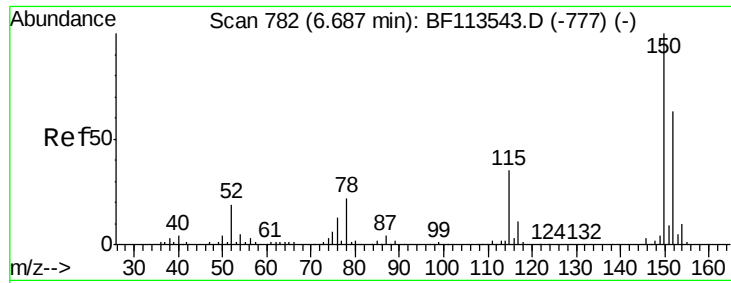
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	68284	18.634	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	79509	10.211	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	87364	10.451	nq	98
46) 1,1'-Biphenyl	9.35	154	342749	10.890	nq	98
47) 2-Chloronaphthalene	9.37	162	268040	11.248	nq	99
48) 2-Nitroaniline	9.46	65	50611	6.941	nq	97
49) Acenaphthylene	9.79	152	433572	11.188	nq	98
50) Dimethylphthalate	9.64	163	303766	10.804	nq	99
51) 2,6-Dinitrotoluene	9.70	165	52777	8.516	nq	89
52) Acenaphthene	9.96	154	249912	11.266	nq	99
53) 3-Nitroaniline	9.86	138	57853	8.210	nq	# 95
54) 2,4-Dinitrophenol	9.97	184	10339	3.566	nq	# 1
55) Dibenzofuran	10.13	168	384534	11.817	nq	98
56) 4-Nitrophenol	10.01	139	45390	10.384	nq	98
57) 2,4-Dinitrotoluene	10.10	165	59724	7.968	nq	88
58) Fluorene	10.47	166	297972	11.578	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	75402	10.420	nq	98
60) Diethylphthalate	10.35	149	292710	10.798	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	148832	11.757	nq	98
62) 4-Nitroaniline	10.47	138	57661	8.047	nq	97
63) Azobenzene	10.63	77	306418	11.938	nq	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	17422	4.464	nq	91
66) n-Nitrosodiphenylamine	10.58	169	257893	11.332	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	96401	11.595	nq	95
68) Hexachlorobenzene	11.02	284	106786	11.210	nq	95
69) Atrazine	11.10	200	82899	11.557	nq	99
70) Pentachlorophenol	11.21	266	53174	11.846	nq	95
71) Phenanthrene	11.43	178	451687	12.262	nq	98
72) Anthracene	11.49	178	460252	12.281	nq	98
73) Carbazole	11.63	167	411709	11.746	nq	98
74) Di-n-butylphthalate	11.97	149	464200	11.133	nq	99
75) Fluoranthene	12.62	202	487808	12.358	nq	99
77) Benzidine	12.73	184	247229	9.820	nq	96
78) Pyrene	12.85	202	493198	9.574	nq	98
80) Butylbenzylphthalate	13.47	149	167443	7.985	nq	97
81) Benzo(a)anthracene	14.03	228	448326	11.480	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	165669	11.014	nq	# 98
83) Chrysene	14.07	228	439512	11.102	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	234085	9.233	nq	# 98
85) Di-n-octyl phthalate	14.64	149	347937	8.443	nq	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	310141	8.485	nq	99
88) Benzo(b)fluoranthene	15.08	252	383917	10.802	nq	99
89) Benzo(k)fluoranthene	15.11	252	364108	11.415	nq	99
90) Benzo(a)pyrene	15.44	252	338369	10.714	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	259478	8.786	nq	99
92) Benzo(g,h,i)perylene	17.42	276	243752	8.086	nq	100

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

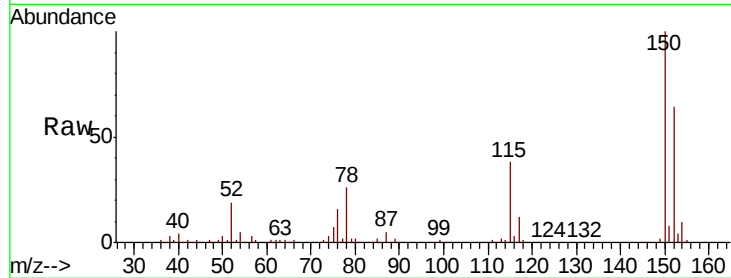


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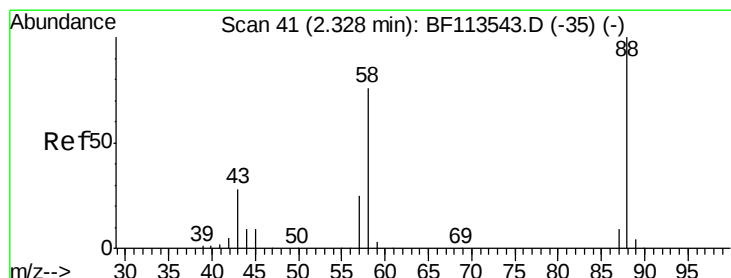
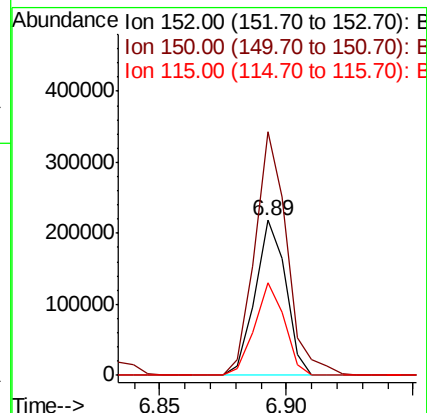
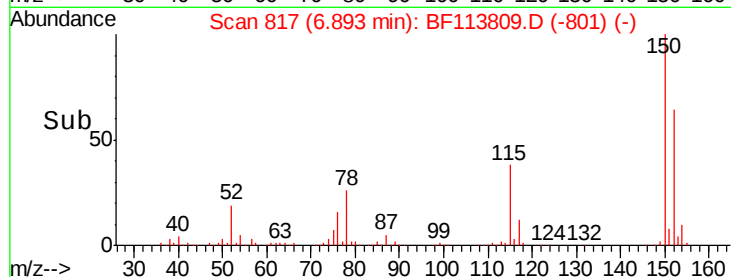
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.9	188.9
115	60.1	45.9	68.9



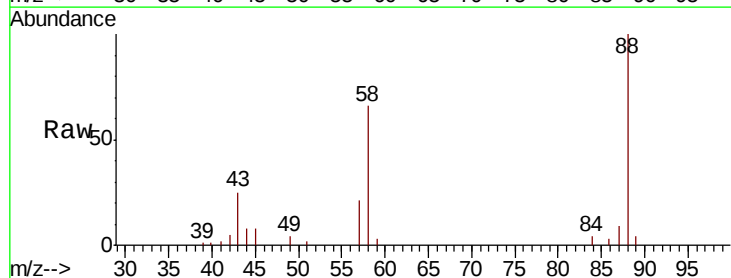
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



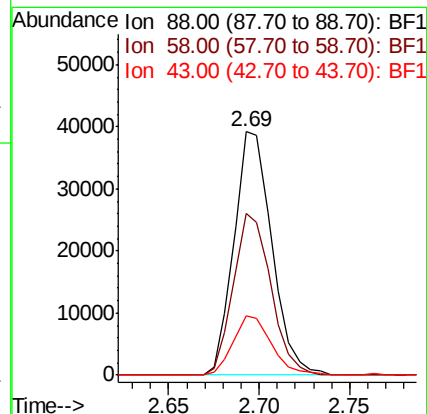
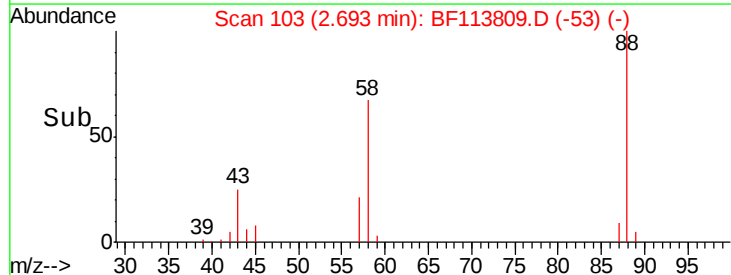
#2

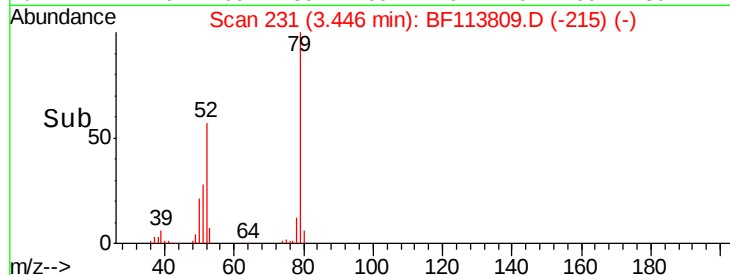
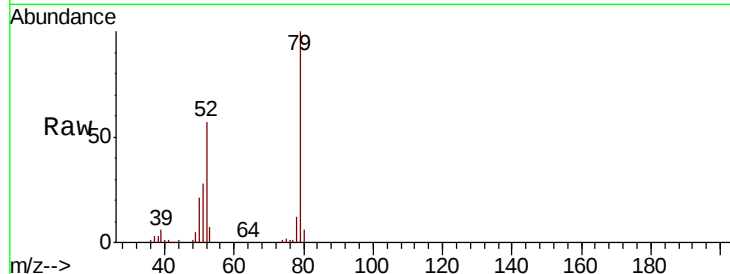
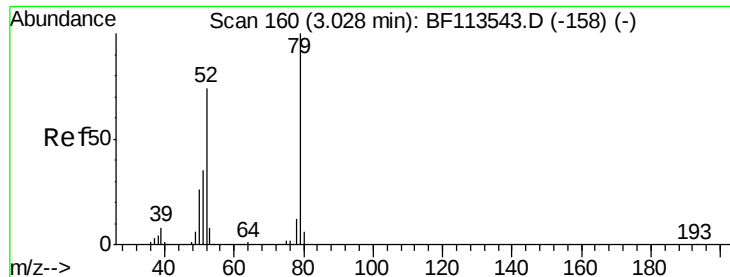
1,4-Dioxane
Concen: 11.159 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	53.3	79.9
43	24.7	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

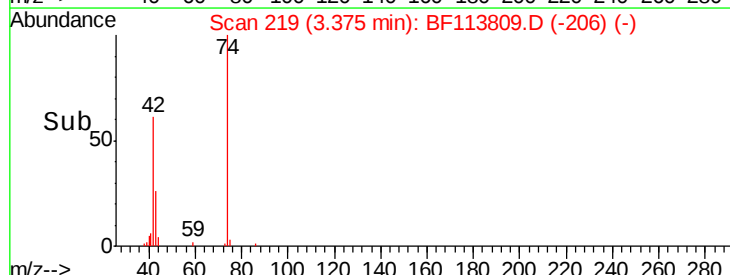
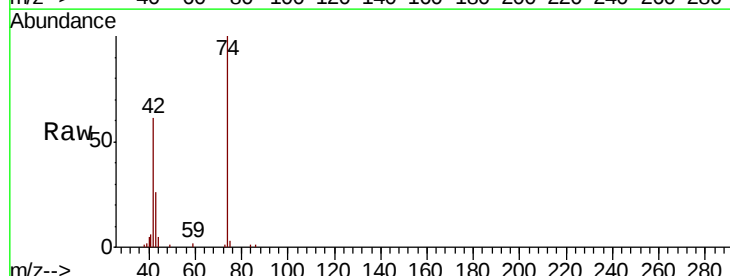
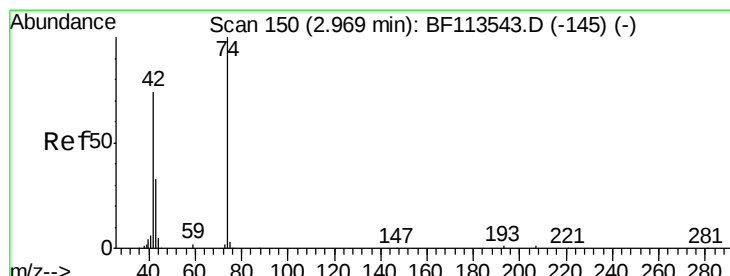
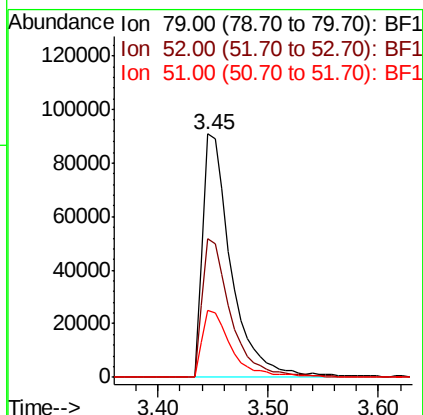




#3
 Pvridine
 Concen: 11.956 ng
 RT: 3.45 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

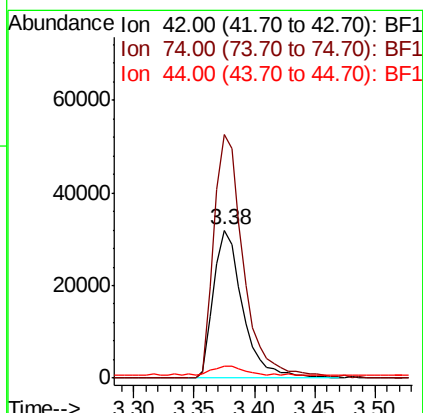
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	56.7	45.3	67.9
51	27.7	22.1	33.1



#4
 n-Nitrosodimethylamine
 Concen: 9.379 ng
 RT: 3.38 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.7	132.6	198.8
44	8.1	5.8	8.8





#5

2-Fluorophenol

Concen: 22.927 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF113809.D

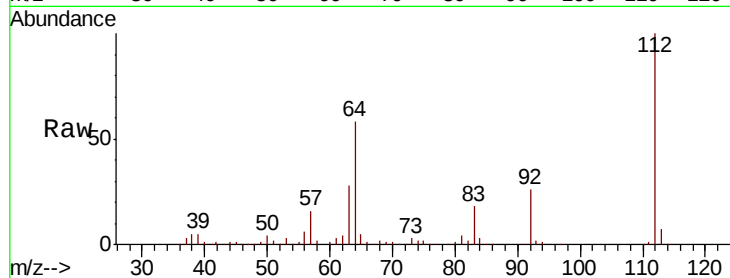
Acq: 18 Apr 2019 8:08

Instrument :

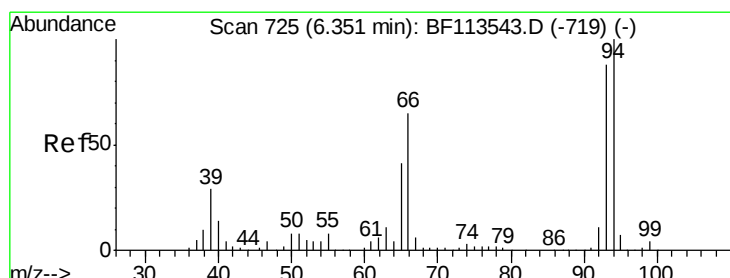
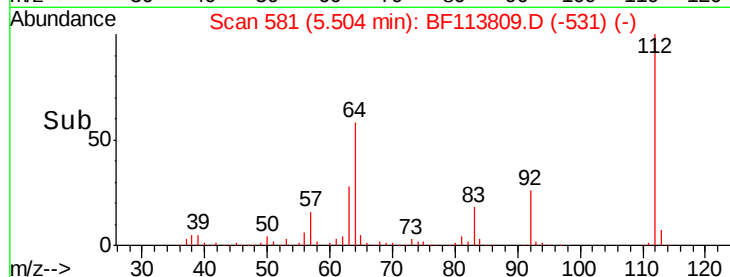
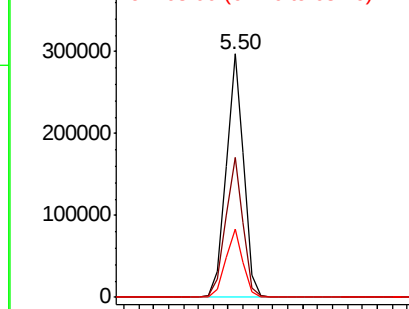
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	247785
Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	69.8
63	28.2	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: 12.891 ng

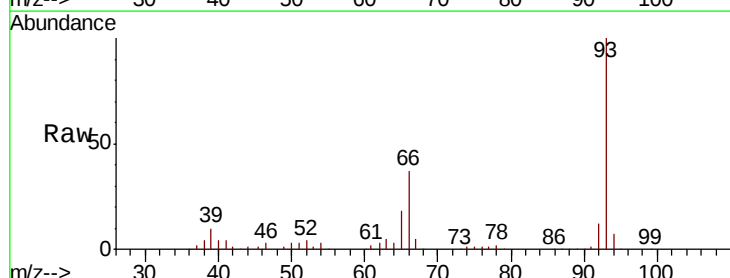
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

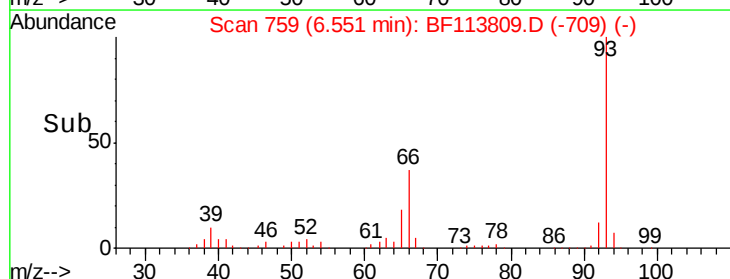
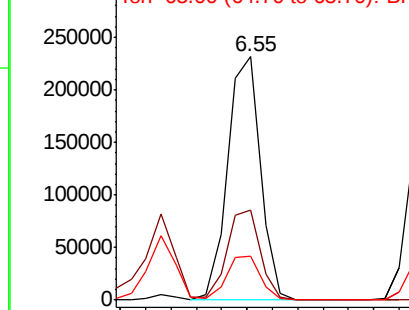
Lab File: BF113809.D

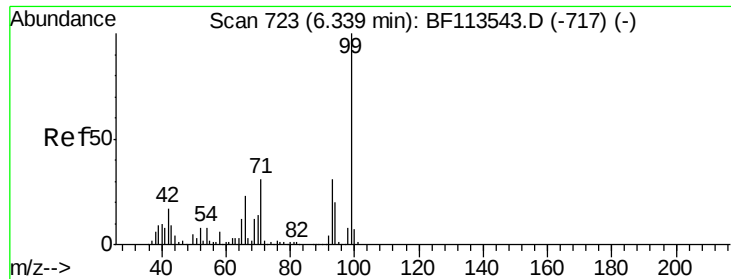
Acq: 18 Apr 2019 8:08

Tgt Ion:	93	Resp:	208143
Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.8	44.6
65	18.2	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: 23.291 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

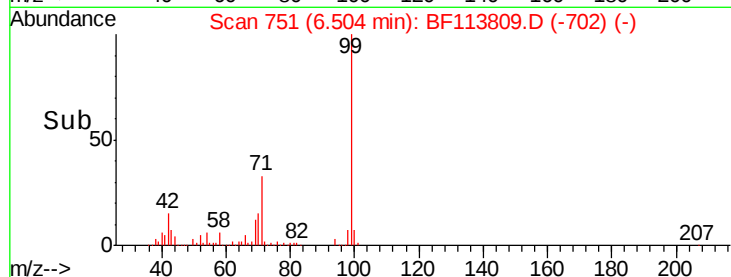
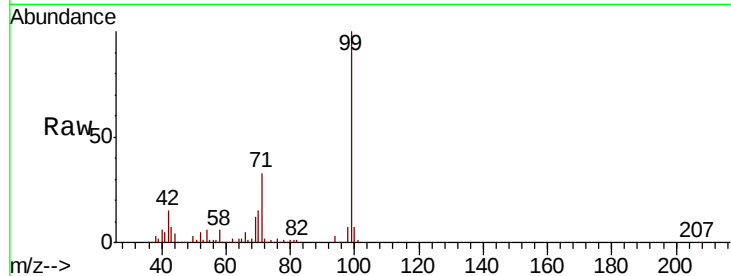
Tot Ion: 99 Resp: 310255

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

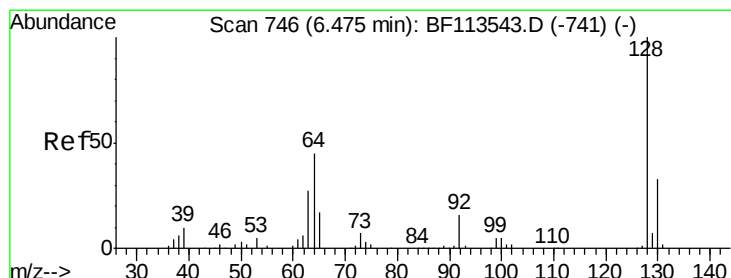
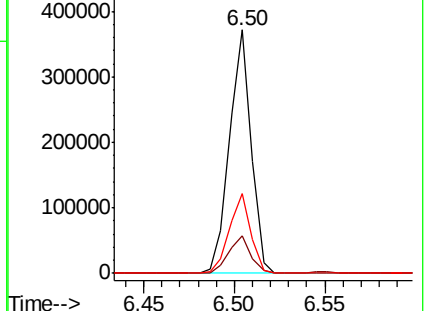
71 32.8 26.9 40.3



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: 10.923 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

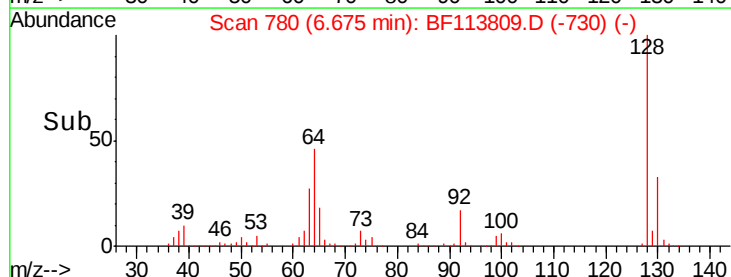
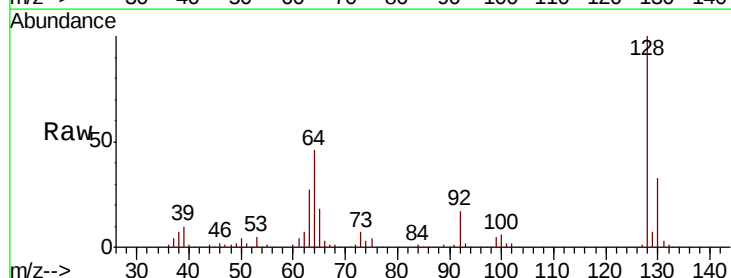
Tgt Ion: 128 Resp: 136589

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

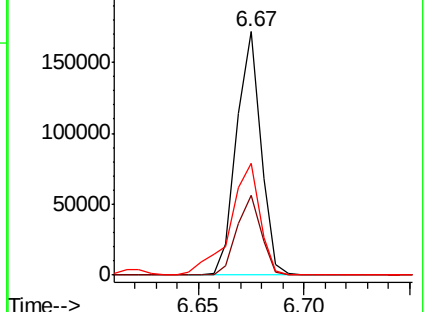
64 45.9 26.1 66.1

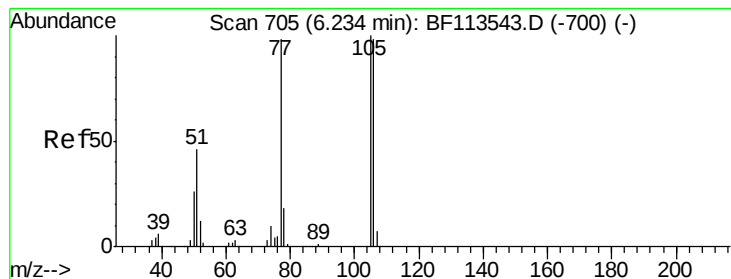


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.278 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

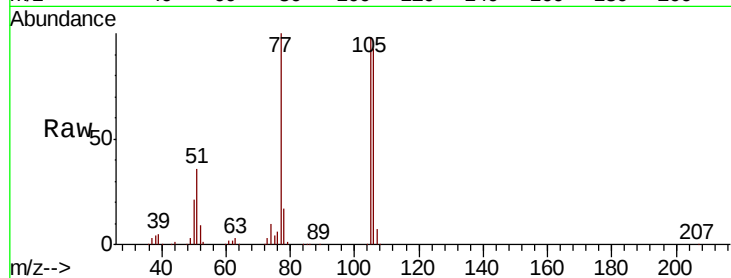
Tot Ion: 77 Resp: 113084

Ion Ratio Lower Upper

77 100

105 97.6 74.1 114.1

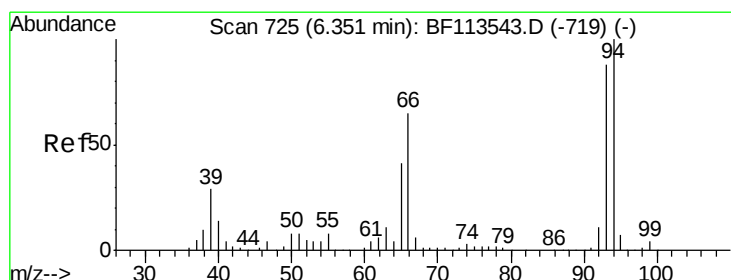
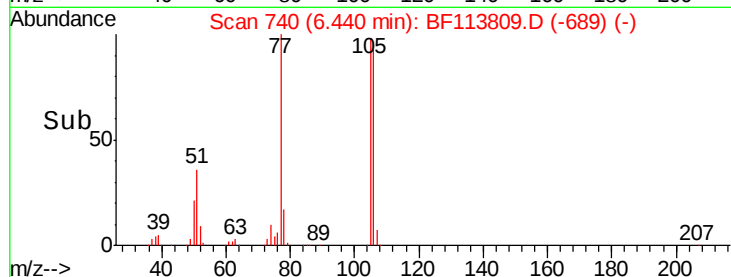
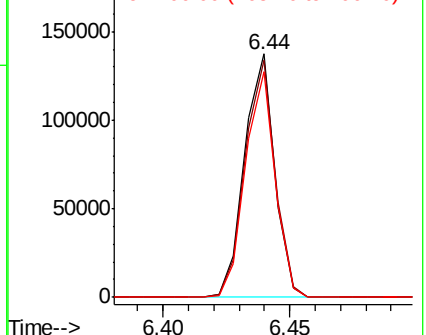
106 92.8 70.3 110.3



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: 11.295 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

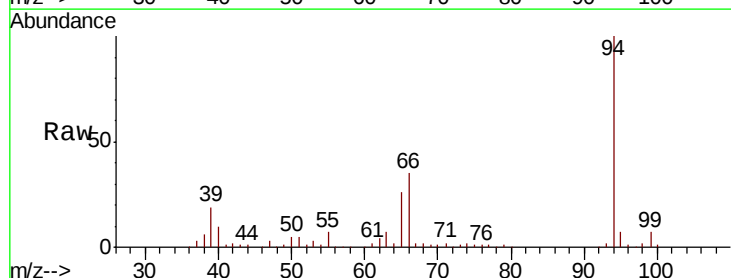
Tgt Ion: 94 Resp: 171838

Ion Ratio Lower Upper

94 100

65 26.0 8.1 48.1

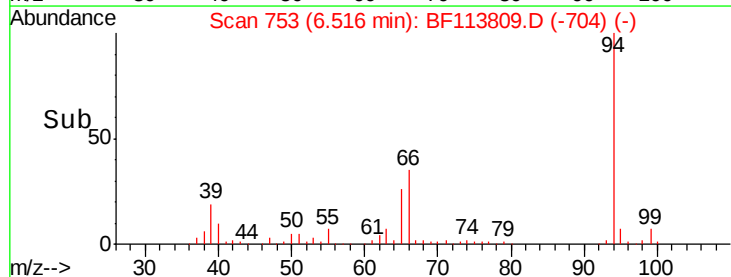
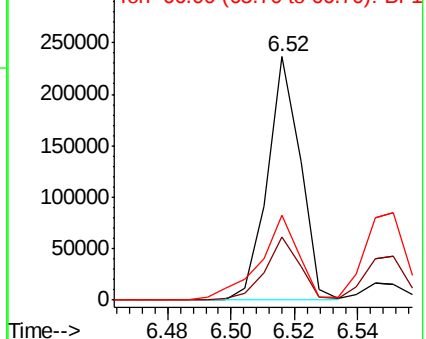
66 34.8 16.6 56.6

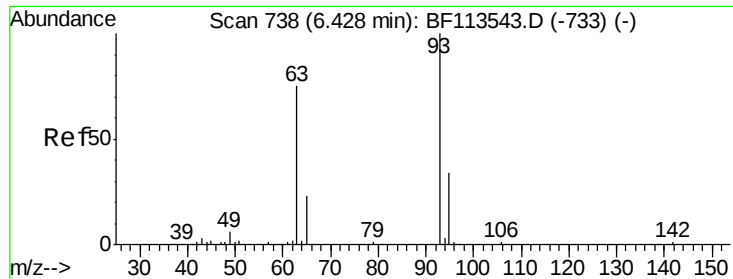


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

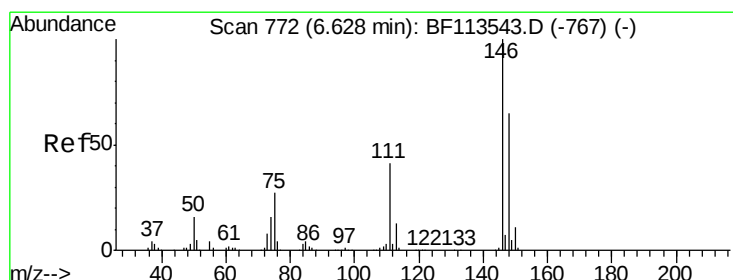
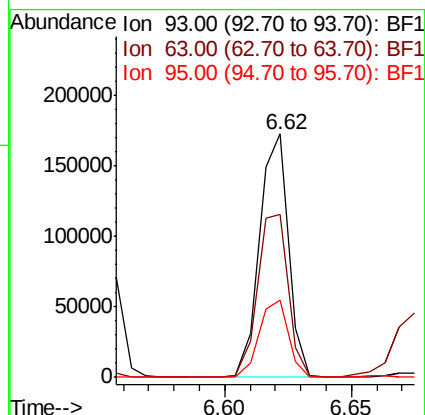
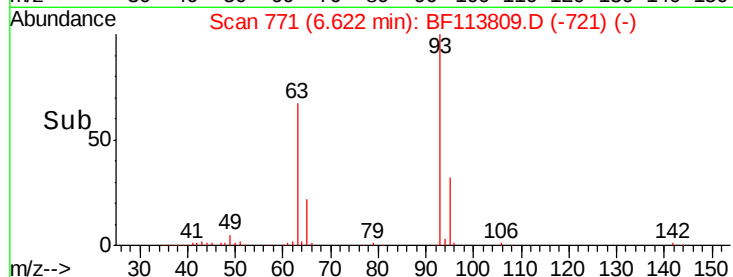
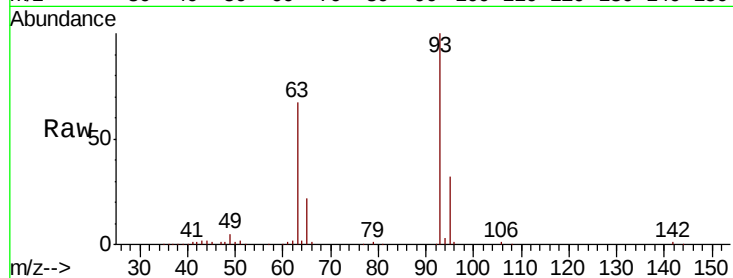




#11
bis(2-Chloroethyl)ether
Concen: 11.661 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

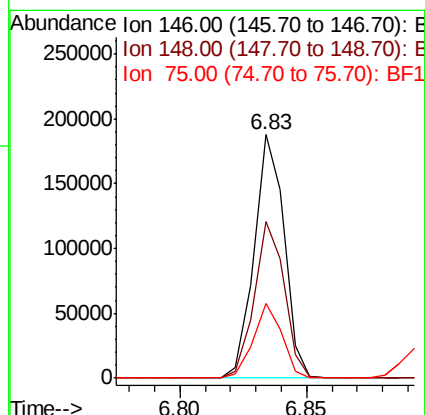
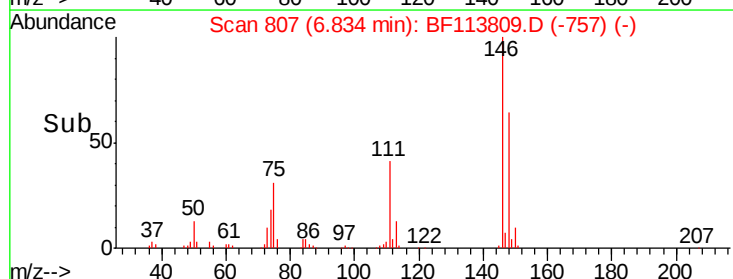
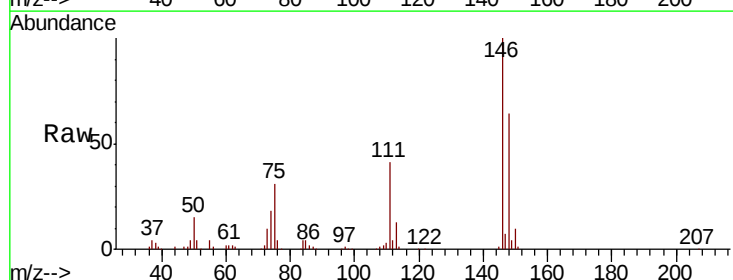
Instrument :
BNA_F
ClientSampleId :

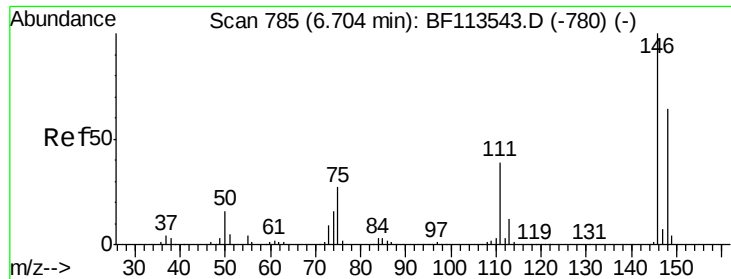
Tot Ion: 93 Resp: 138003
Ion Ratio Lower Upper
93 100
63 66.8 50.7 90.7
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 11.524 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion: 146 Resp: 155181
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 30.8 23.8 35.8

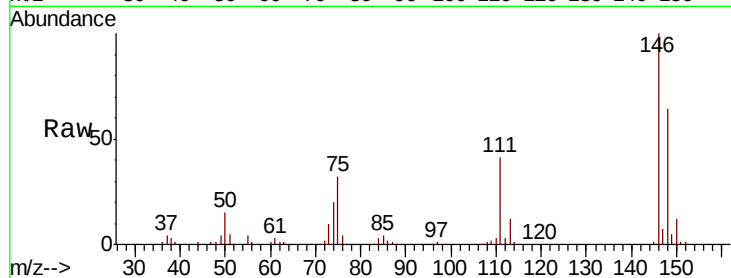




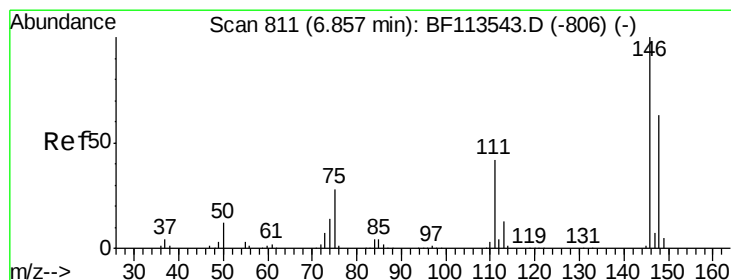
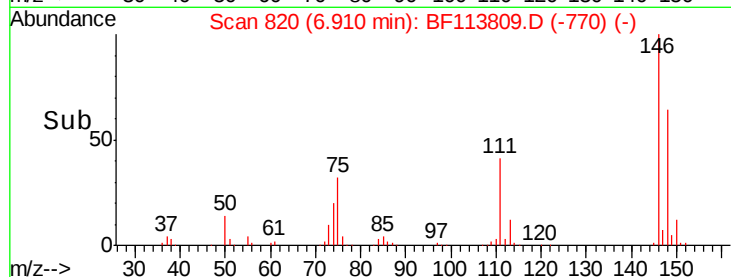
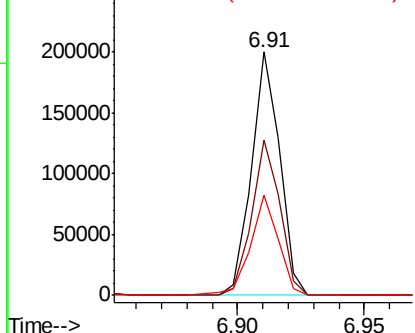
#13
 1,4-Dichlorobenzene
 Concen: 11.446 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 155759
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 111 40.9 30.9 46.3

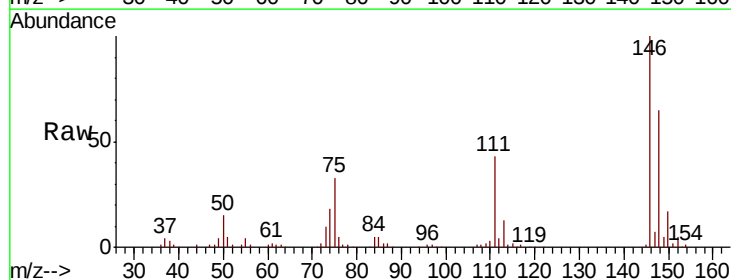


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

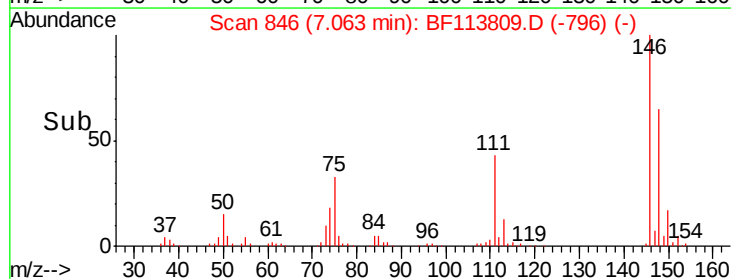
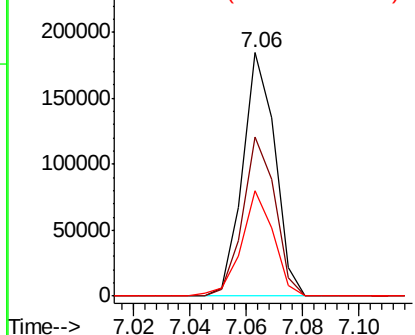


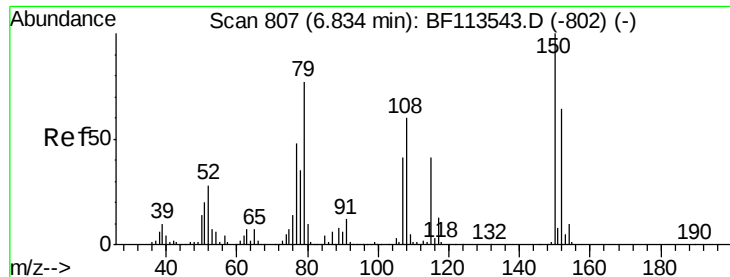
#14
 1,2-Dichlorobenzene
 Concen: 11.939 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion:146 Resp: 146650
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.1 78.1
 111 43.2 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: 13.216 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

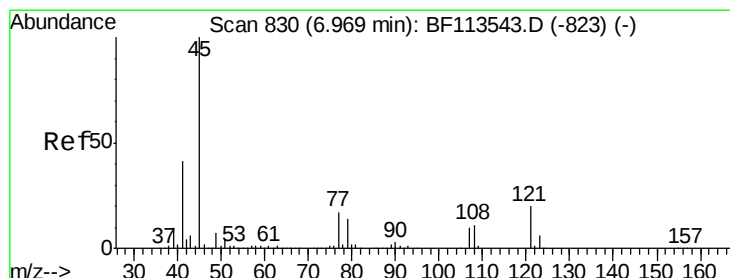
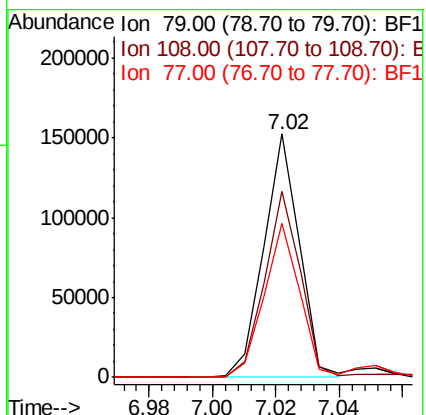
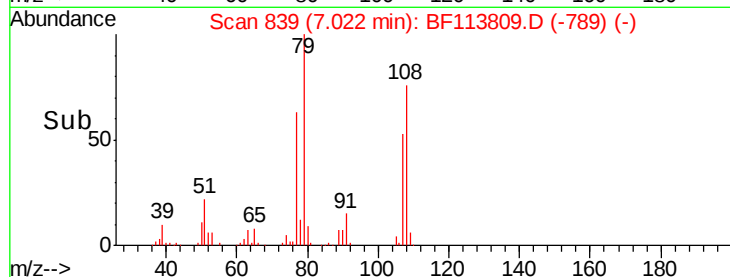
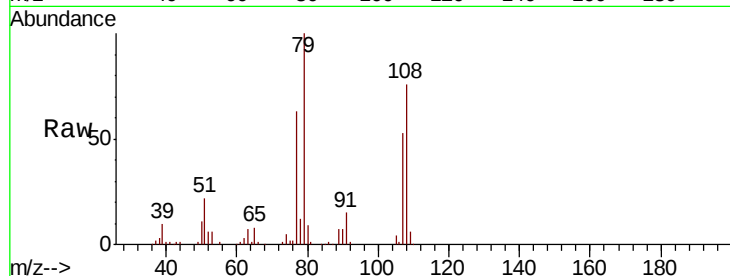
Tot Ion: 79 Resp: 119030

Ion Ratio Lower Upper

79 100

108 76.3 61.4 92.0

77 63.5 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.168 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

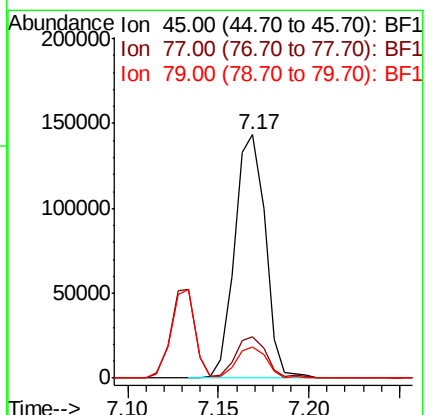
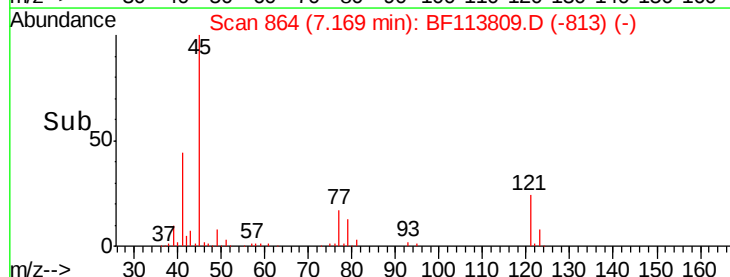
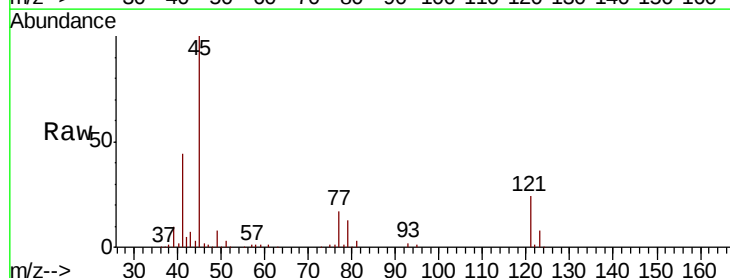
Tgt Ion: 45 Resp: 168882

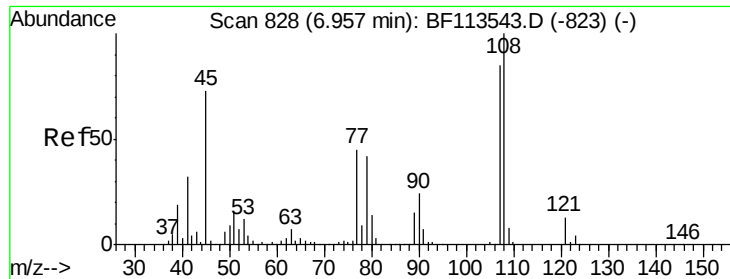
Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.0

79 12.6 0.0 32.7





#17

2-Methylphenol

Concen: 11.374 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 110220

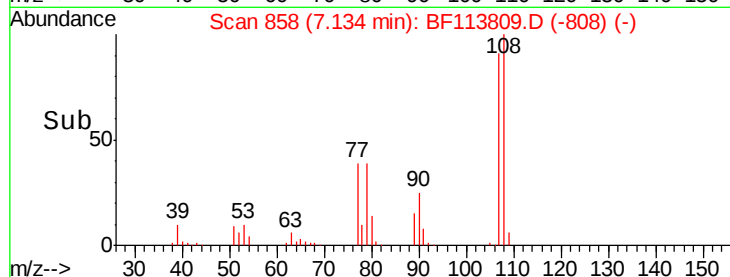
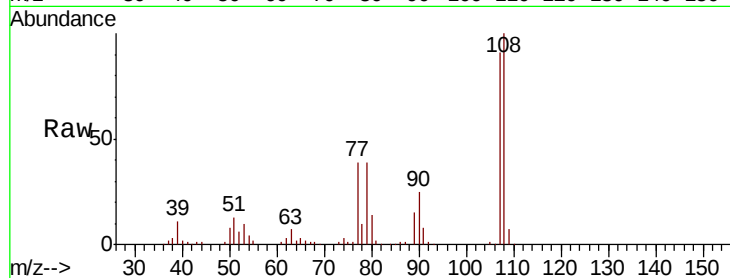
Ion Ratio Lower Upper

107 100

108 110.5 91.5 137.3

77 42.8 36.2 54.4

79 42.8 35.4 53.0

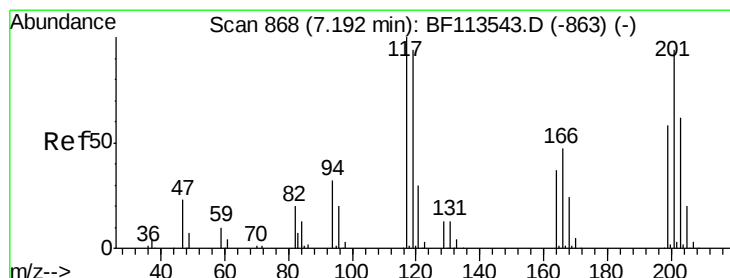
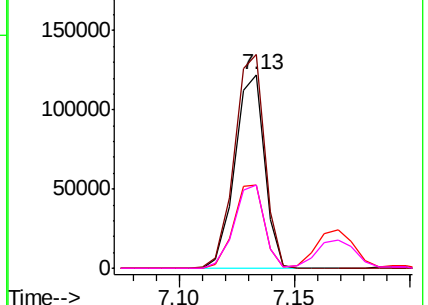


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 10.767 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

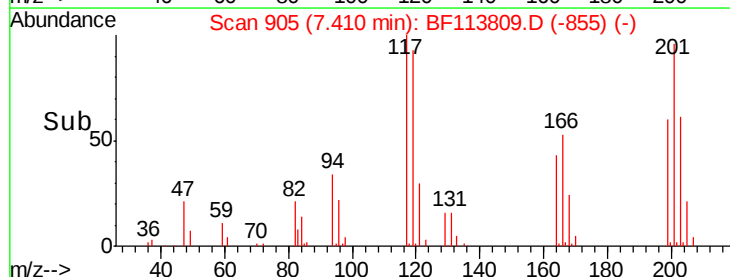
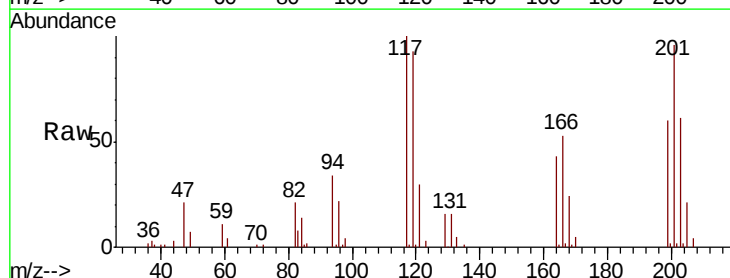
Tgt Ion:117 Resp: 53332

Ion Ratio Lower Upper

117 100

119 92.5 74.4 111.6

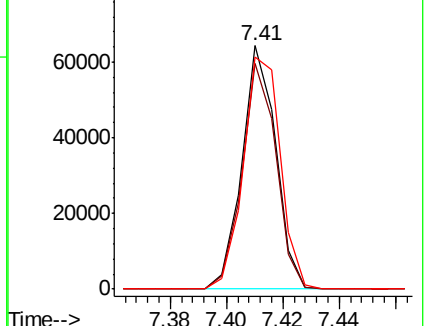
201 95.6 90.2 135.2

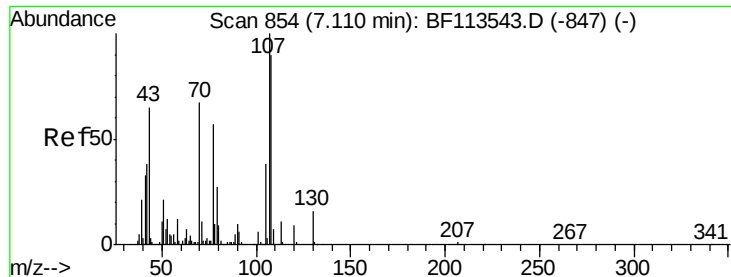


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

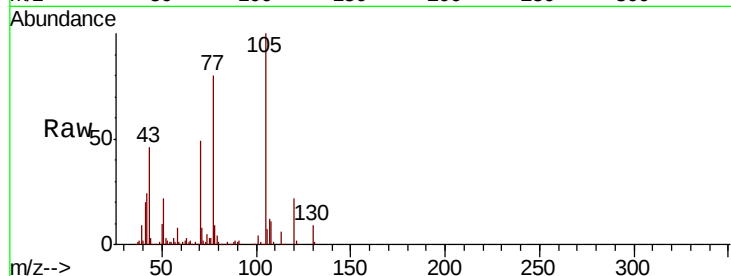




#19
n-Nitroso-di-n-propylamine
Concen: 12.517 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	102818
Ion	Ratio	Lower	Upper
70	100		
42	49.5	37.3	55.9
101	8.9	7.8	11.8
130	19.1	18.2	27.2



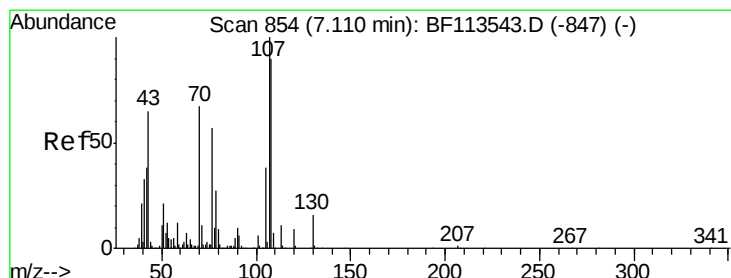
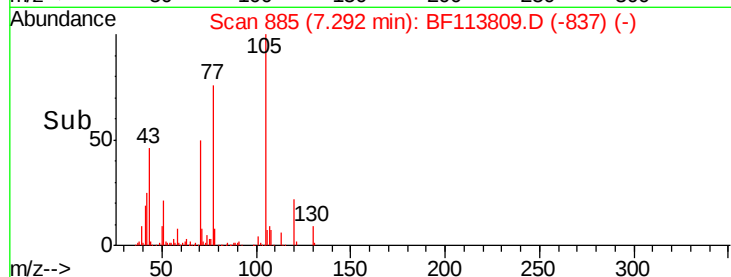
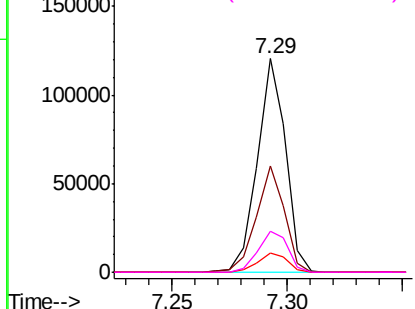
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 12.109 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:	107	Resp:	142175
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.1	110.1
77	45.1	52.9	92.9#
79	25.8	10.2	50.2

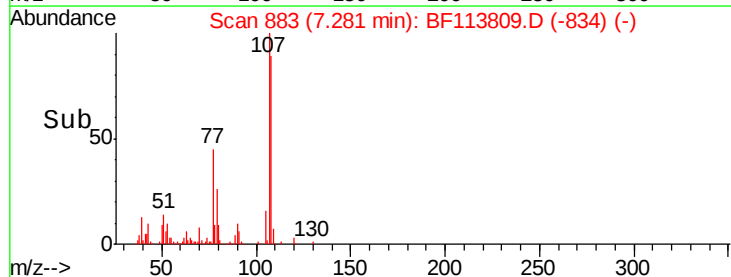
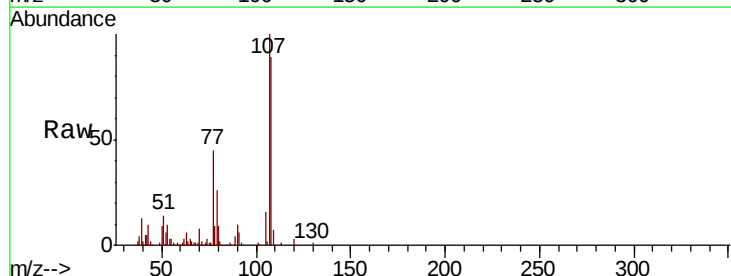
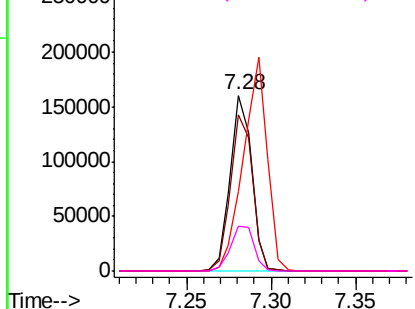
Abundance

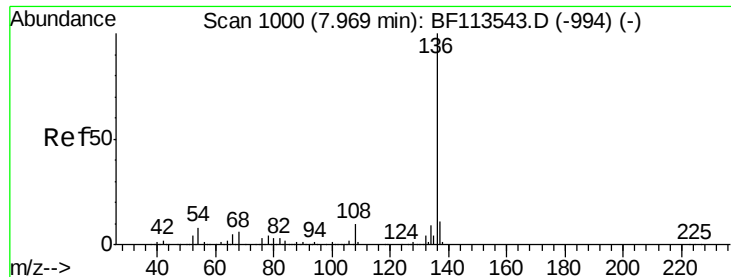
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

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: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 729834

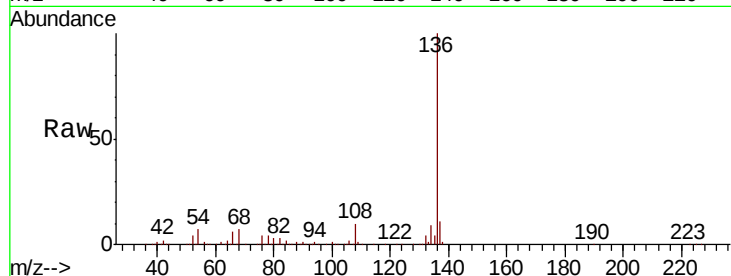
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 7.0 5.0 7.6

68 6.9 4.9 7.3

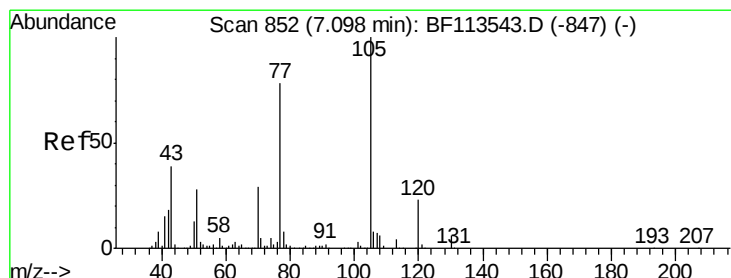
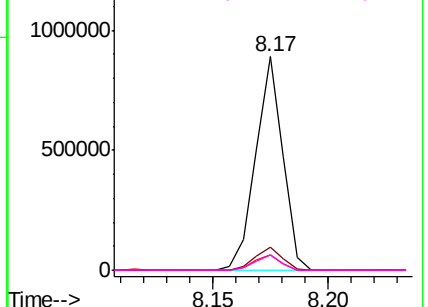
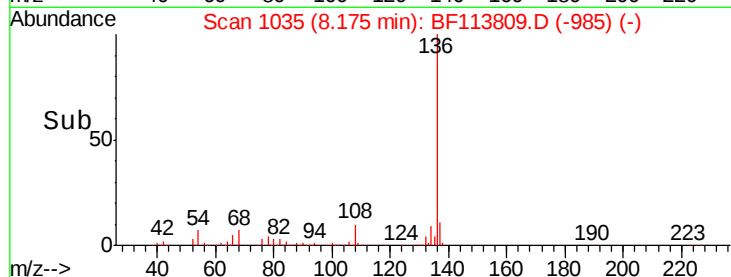


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.090 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Tgt Ion:105 Resp: 193802

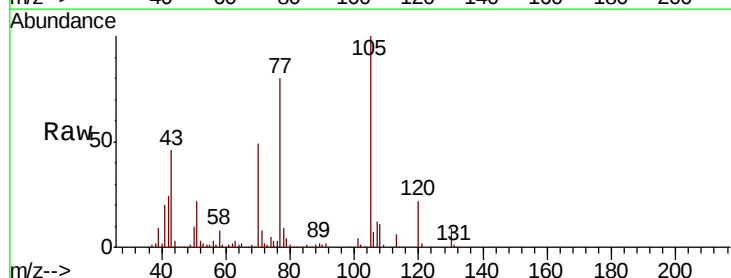
Ion Ratio Lower Upper

105 100

71 8.0 6.1 9.1

51 22.5 16.8 25.2

120 21.6 17.6 26.4

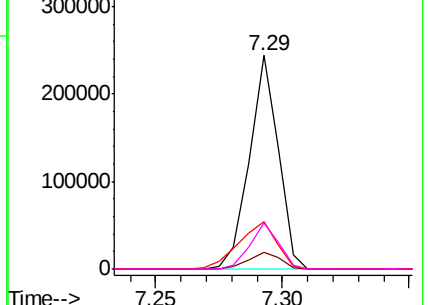
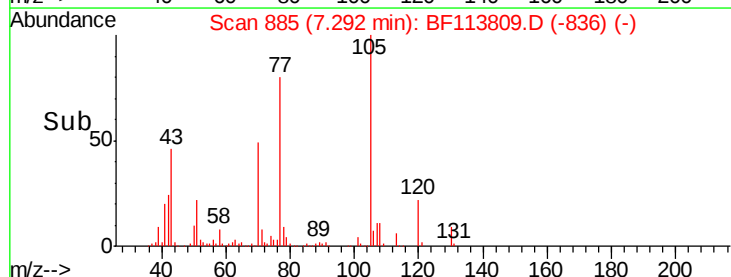


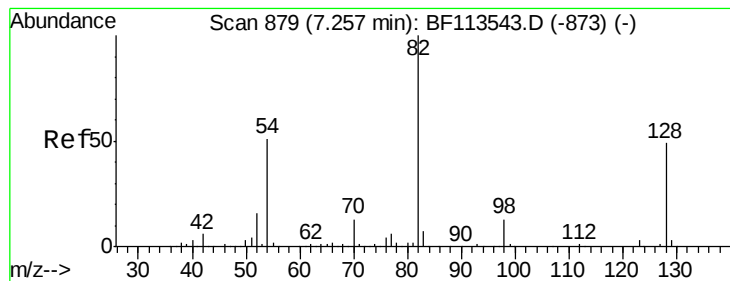
Abundance Ion 105.00 (104.70 to 105.70): E

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: 18.744 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampled :

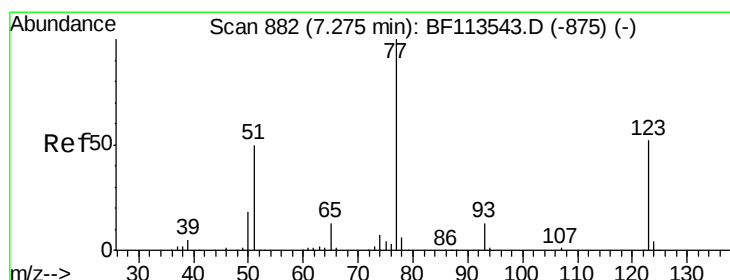
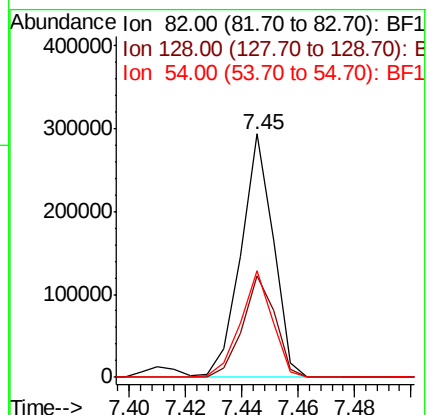
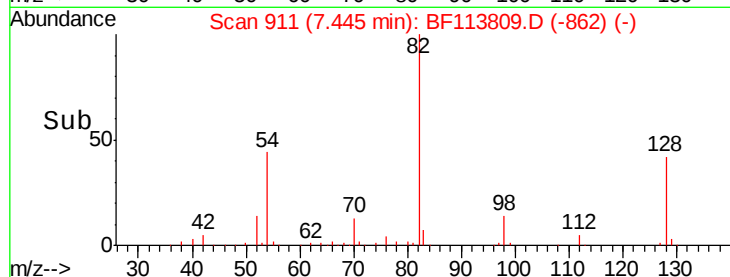
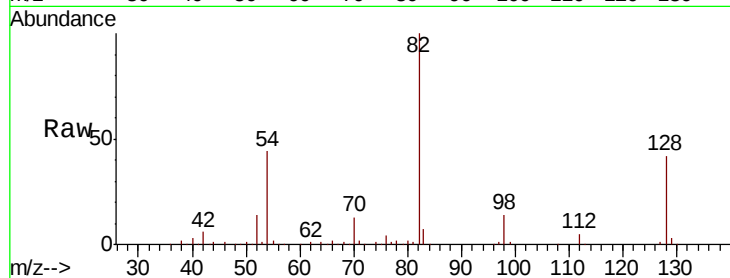
Tot Ion: 82 Resp: 233540

Ion Ratio Lower Upper

82 100

128 41.9 36.8 55.2

54 43.6 33.8 50.6



#24

Nitrobenzene

Concen: 10.664 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

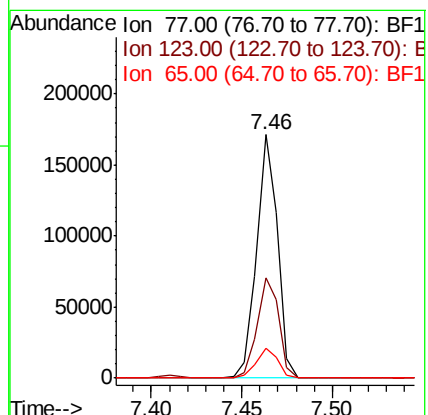
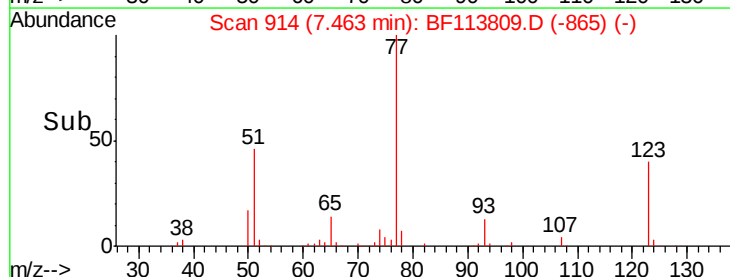
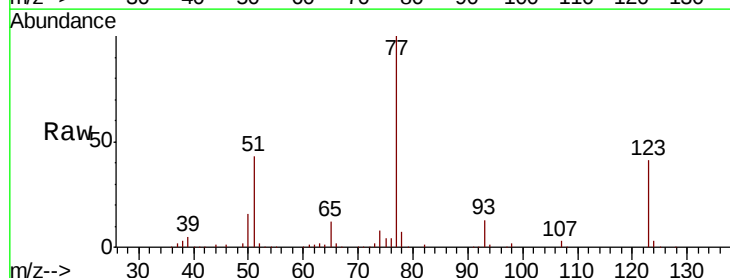
Tgt Ion: 77 Resp: 136833

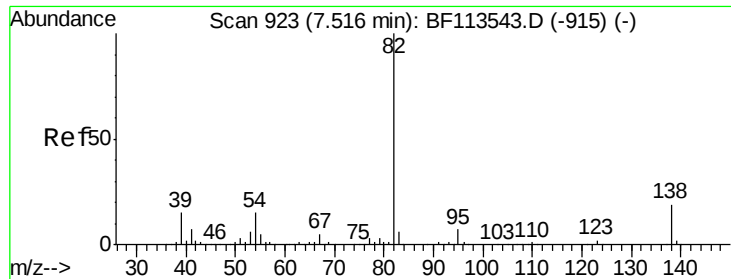
Ion Ratio Lower Upper

77 100

123 41.1 36.3 54.5

65 12.4 10.3 15.5

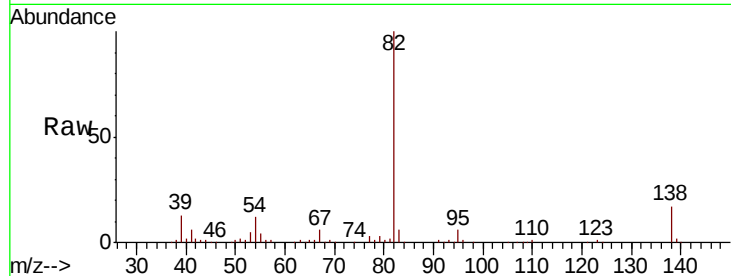




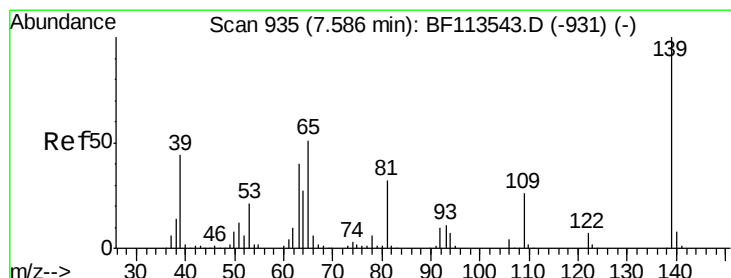
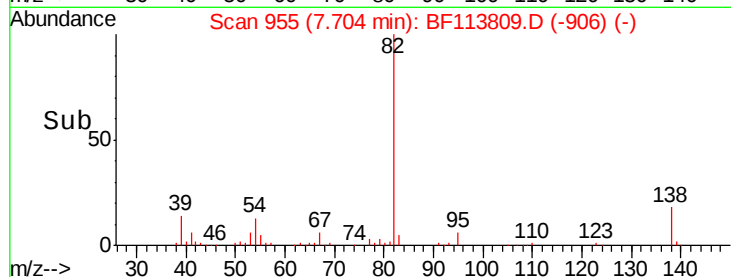
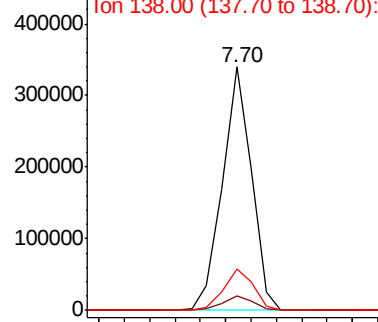
#25
Isophorone
Concen: 11.373 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 272978
Ion Ratio Lower Upper
82 100
95 6.1 5.4 8.2
138 17.1 14.6 22.0

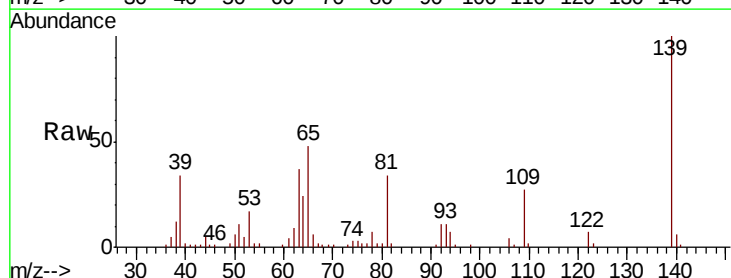


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

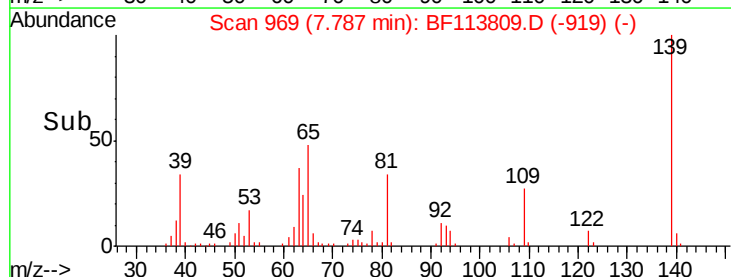
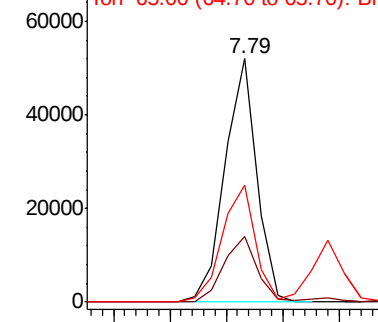


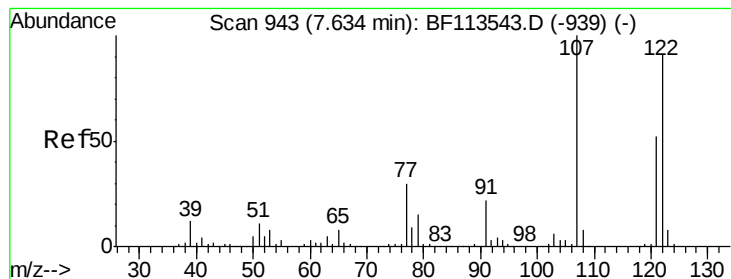
#26
2-Nitrophenol
Concen: 5.885 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion: 139 Resp: 40643
Ion Ratio Lower Upper
139 100
109 26.8 20.6 31.0
65 47.9 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: 11.342 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

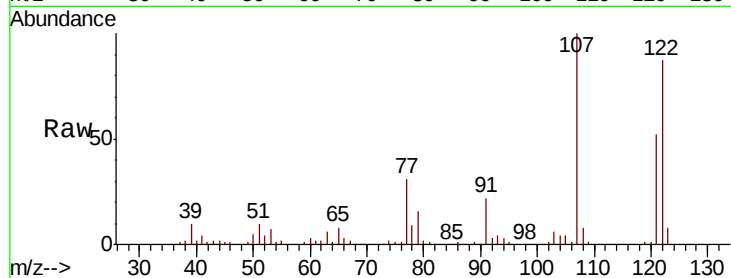
Tot Ion:122 Resp: 111978

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

121 59.9 46.4 69.6

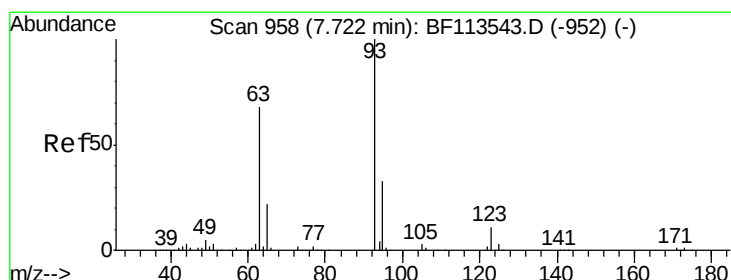
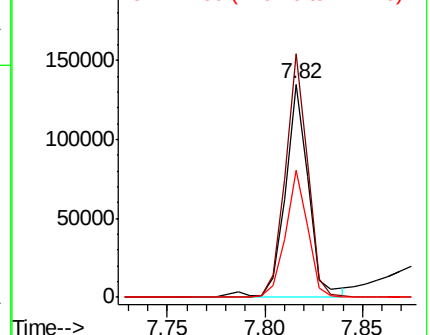
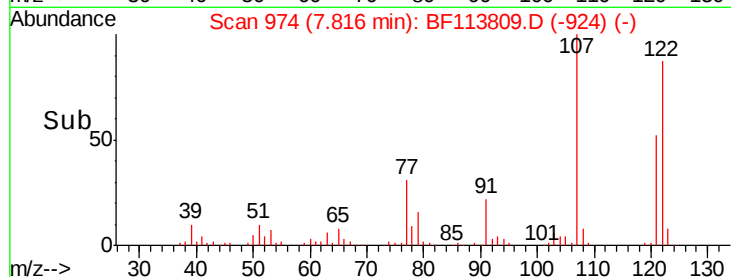


Abundance

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: 11.633 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

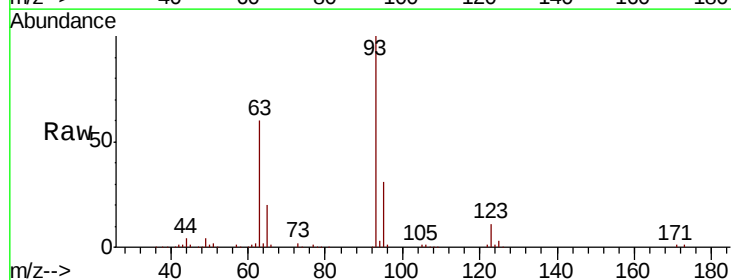
Tgt Ion: 93 Resp: 176533

Ion Ratio Lower Upper

93 100

95 31.2 25.8 38.6

123 10.5 9.0 13.6

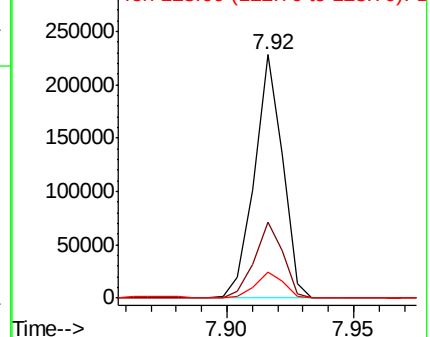
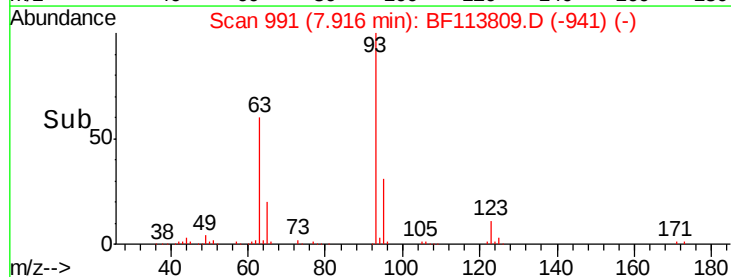


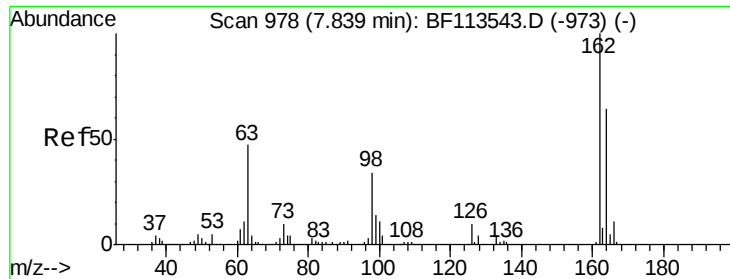
Abundance

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

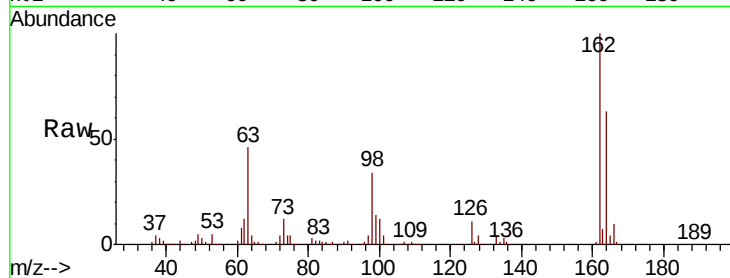




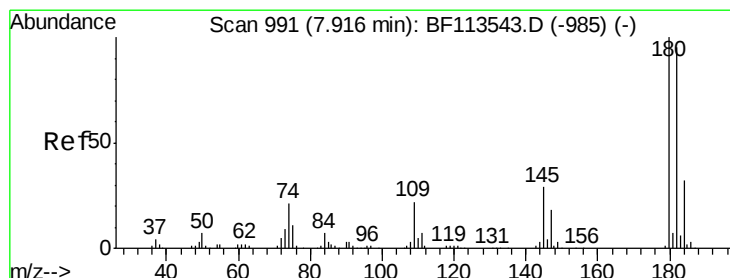
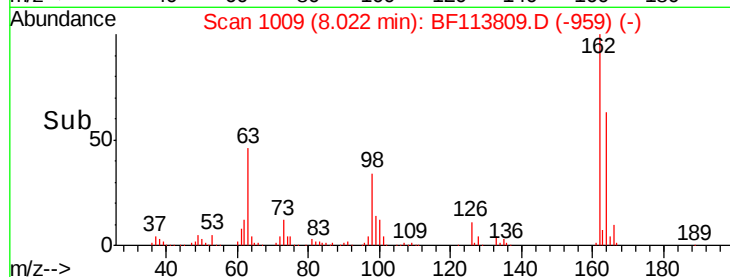
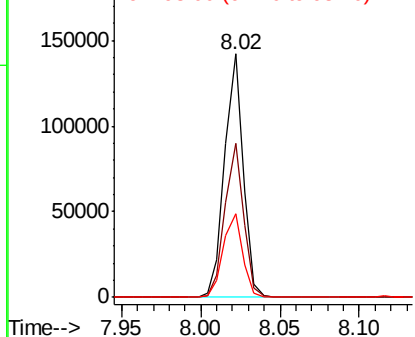
#29
2,4-Dichlorophenol
Concen: 10.974 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.7	83.7
98	34.4	15.5	55.5

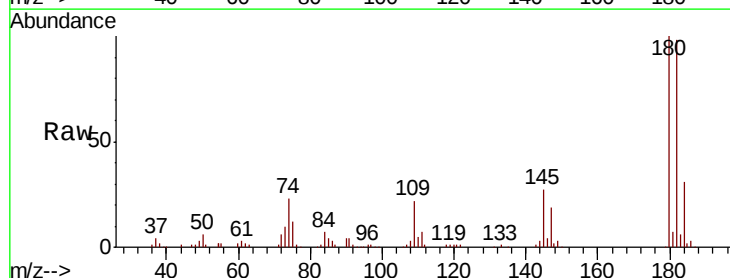


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

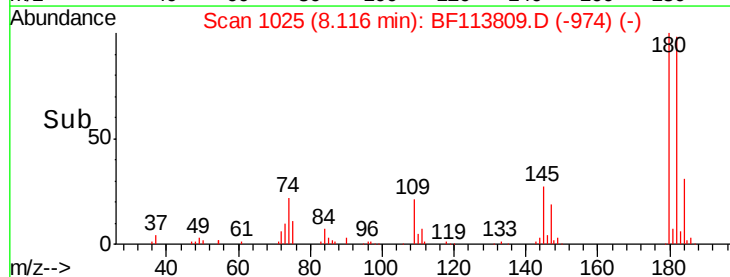
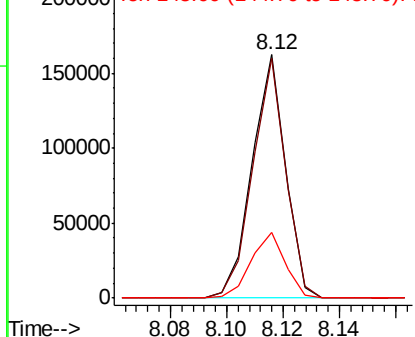


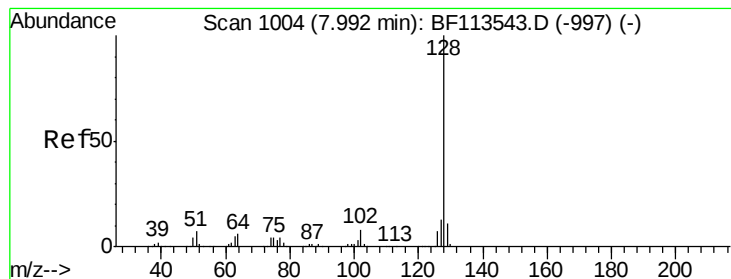
#30
1,2,4-Trichlorobenzene
Concen: 11.612 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.4	113.0
145	26.9	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.560 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

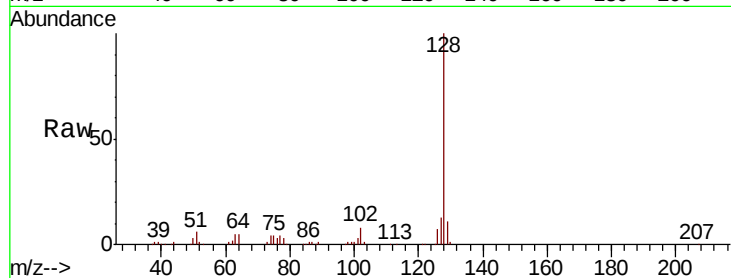
Tot Ion:128 Resp: 408789

Ion Ratio Lower Upper

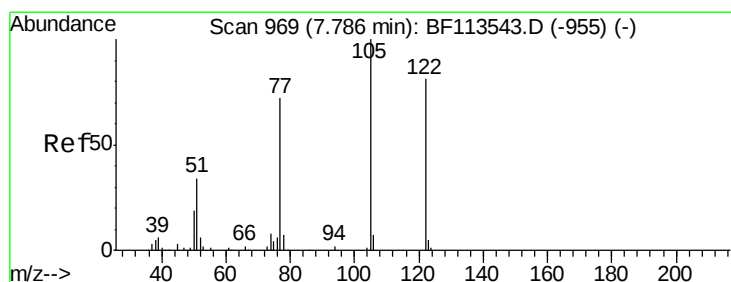
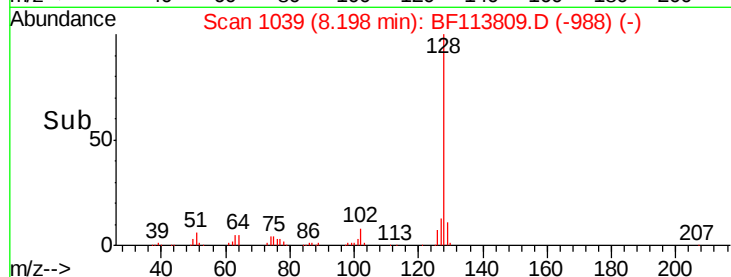
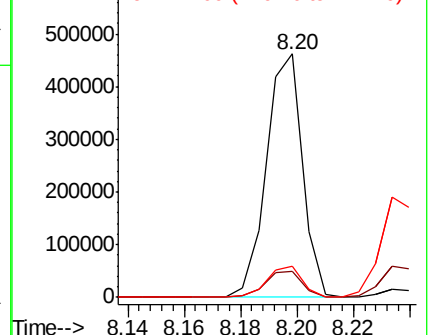
128 100

129 10.7 9.4 14.0

127 12.8 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: 5.945 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

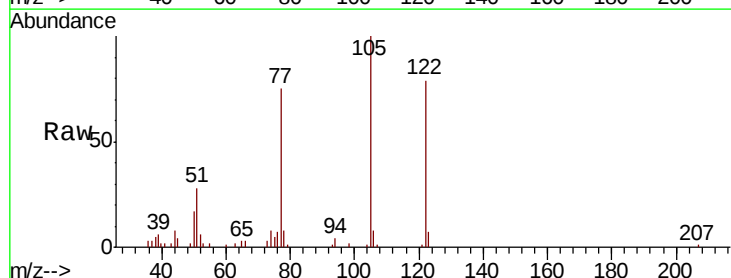
Tgt Ion:122 Resp: 45449

Ion Ratio Lower Upper

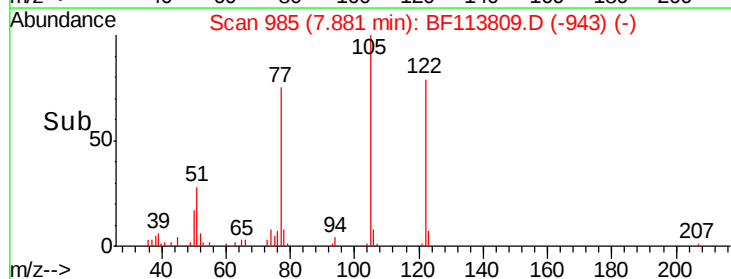
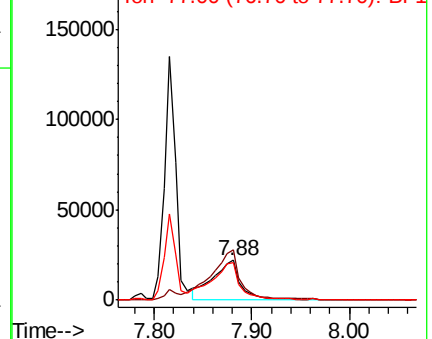
122 100

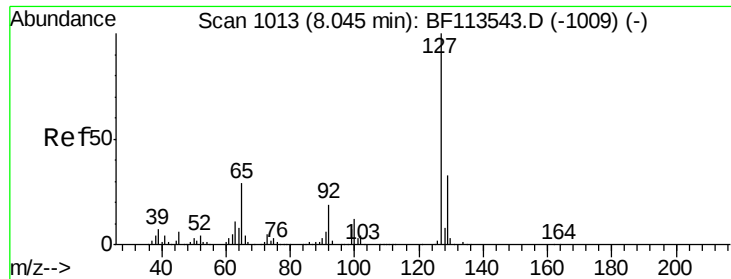
105 126.9 104.3 144.3

77 94.8 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

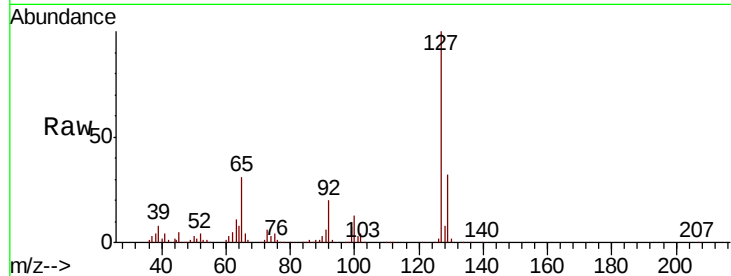




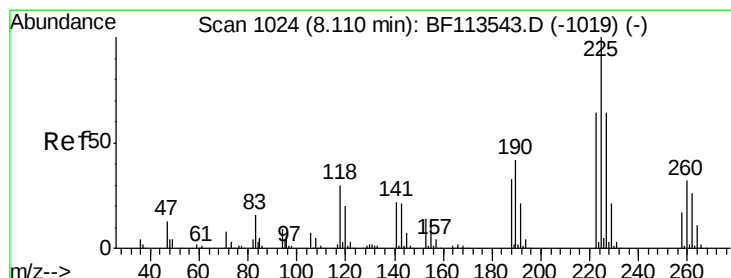
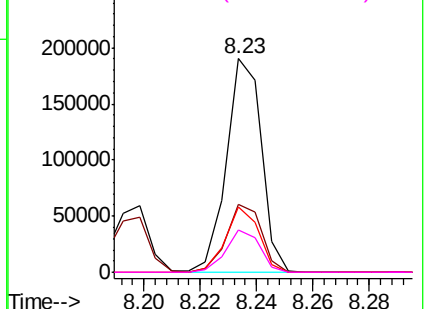
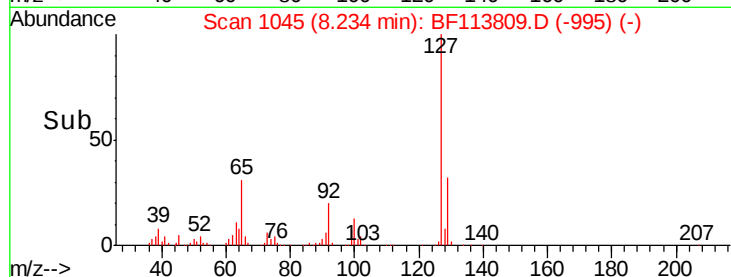
#33
4-Chloroaniline
Concen: 11.678 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	163739
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.4 39.6
65	30.8	24.9 37.3
92	19.9	15.9 23.9

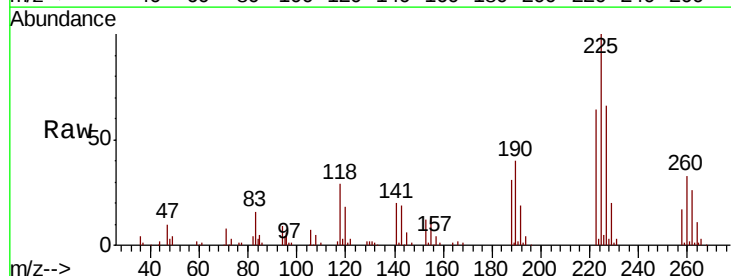


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

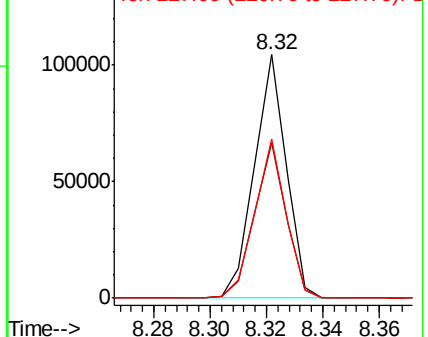
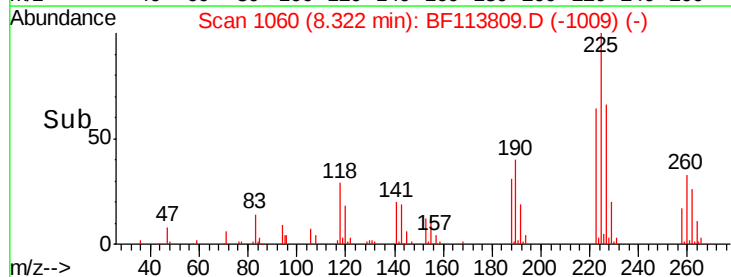


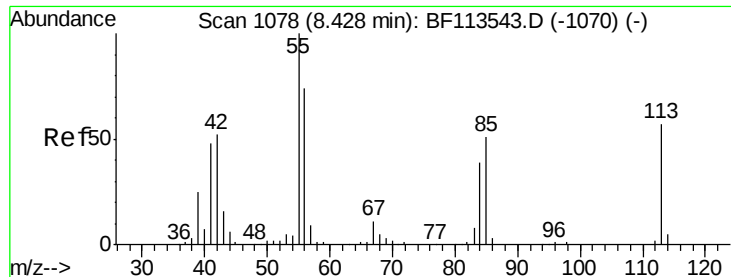
#34
Hexachlorobutadiene
Concen: 11.713 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:225	Resp:	81919
Ion Ratio	Lower	Upper
225	100	
223	63.7	51.1 76.7
227	65.6	49.9 74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

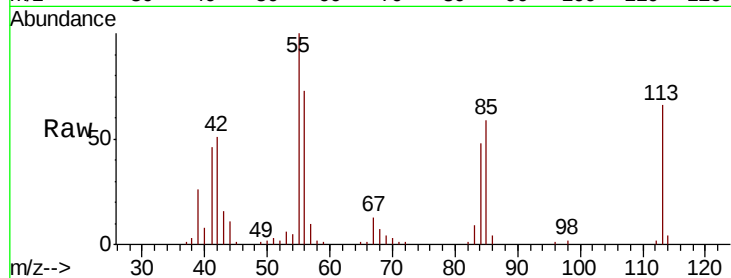




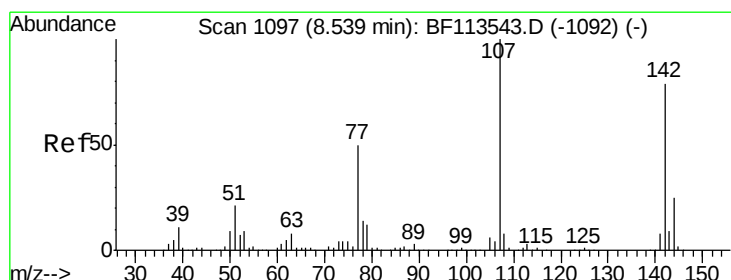
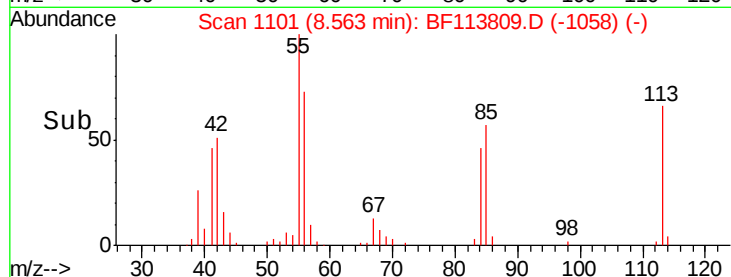
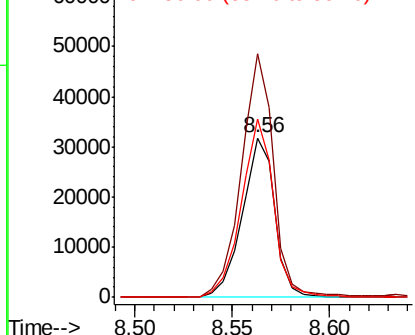
#35
 Caprolactam
 Concen: 10.837 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.05 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 36339
 Ion Ratio Lower Upper
 113 100
 55 152.5 128.6 168.6
 56 111.9 91.9 131.9

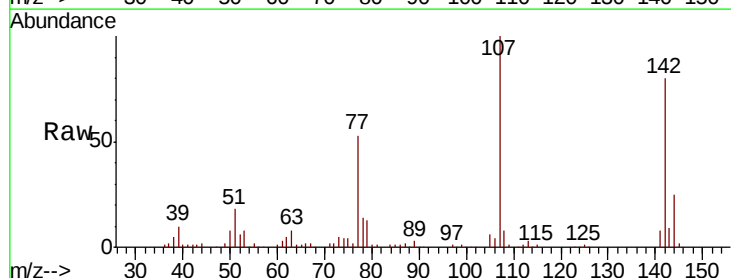


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

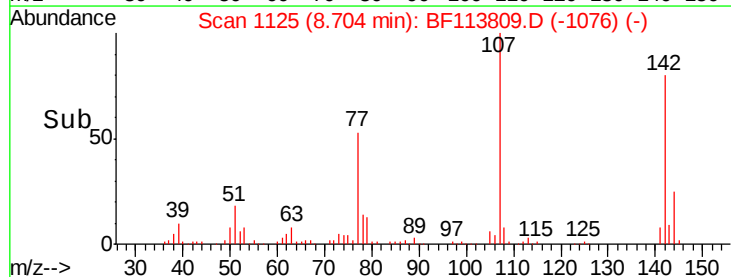
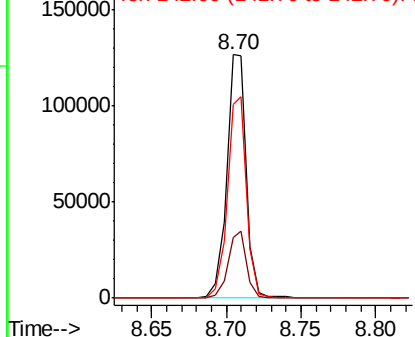


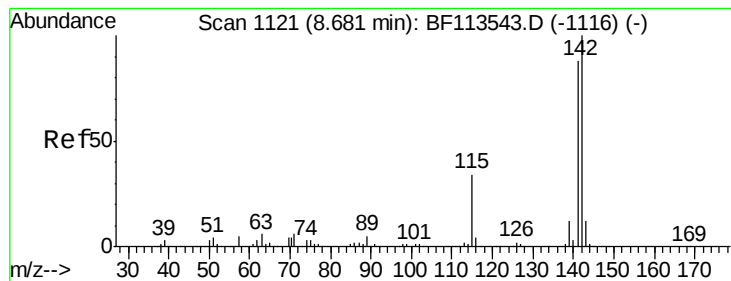
#36
 4-Chloro-3-methylphenol
 Concen: 11.086 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion:107 Resp: 117552
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 79.7 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

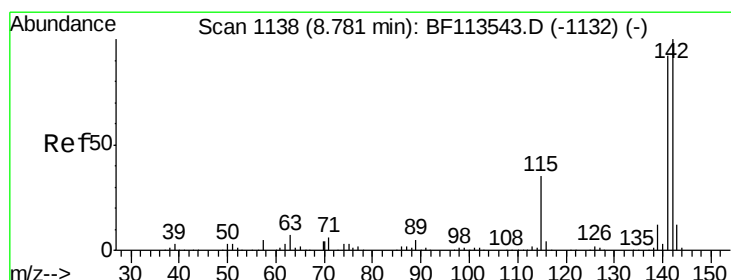
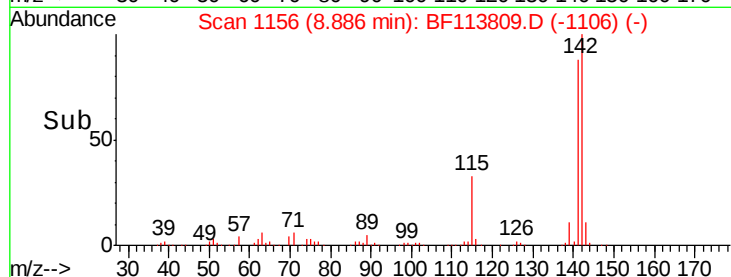
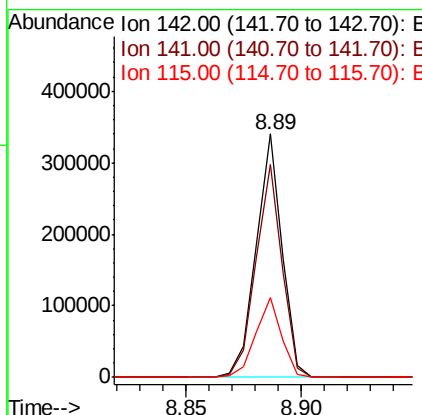
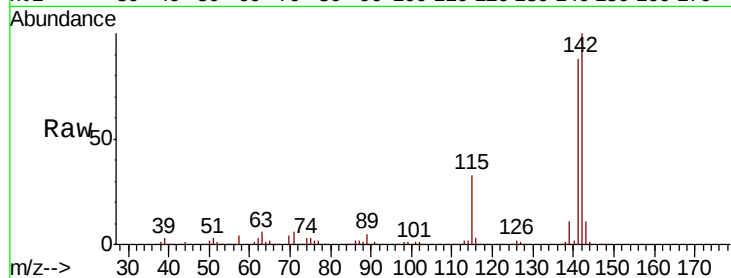




#37
2-Methylnaphthalene
Concen: 11.486 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

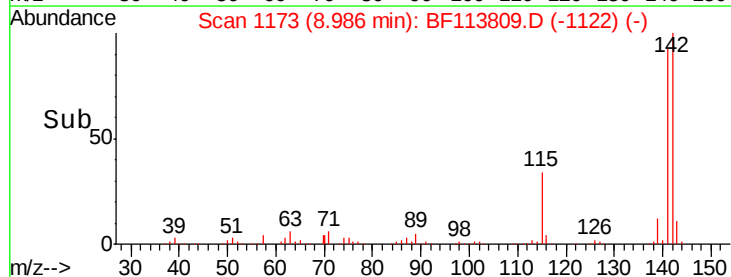
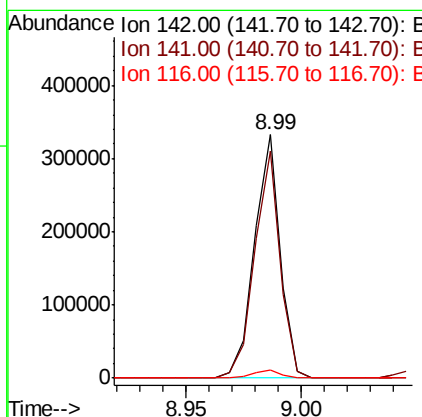
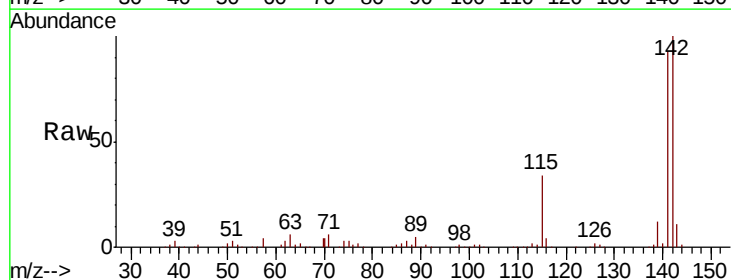
Instrument :
BNA_F
ClientSampleId :

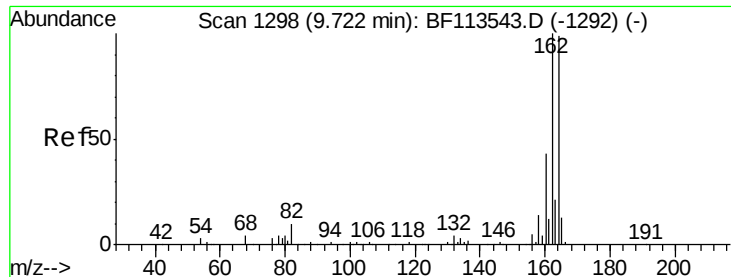
Tot Ion:142 Resp: 267138
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6
115 32.6 26.3 39.5



#38
1-Methylnaphthalene
Concen: 11.564 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:142 Resp: 259330
Ion Ratio Lower Upper
142 100
141 93.0 72.3 108.5
116 3.6 3.0 4.4

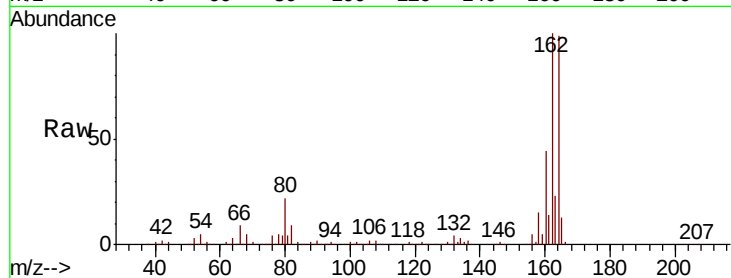




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	44.7	35.8	53.6

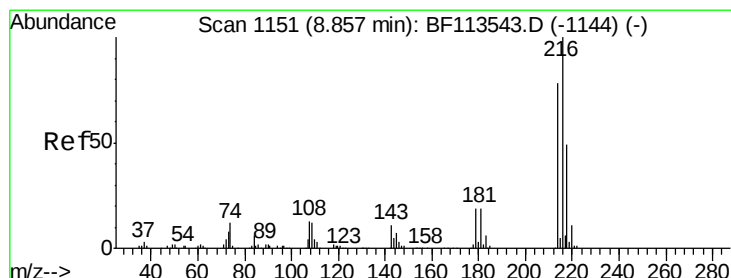
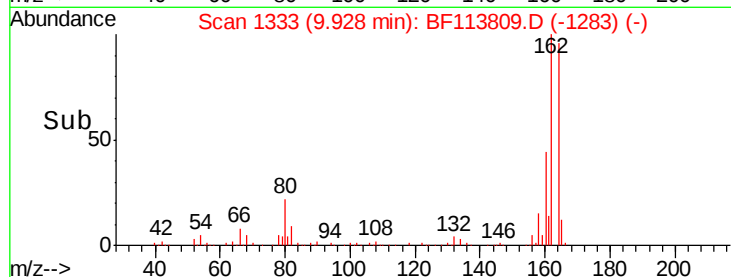
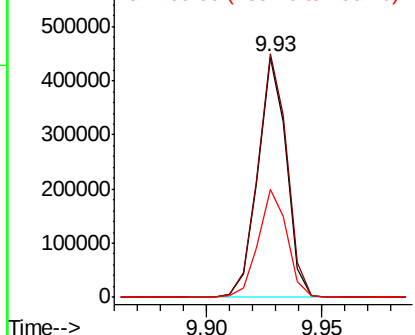


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.209 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.5	95.3
179	19.7	16.1	24.1
108	16.6	13.4	20.0

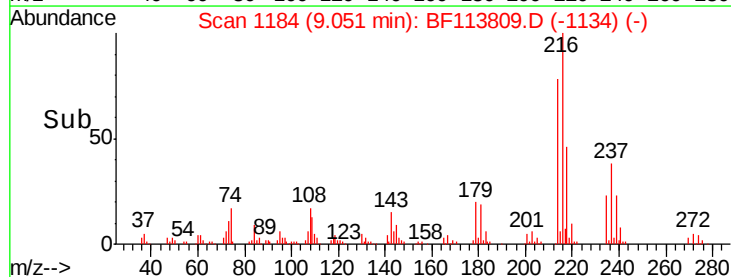
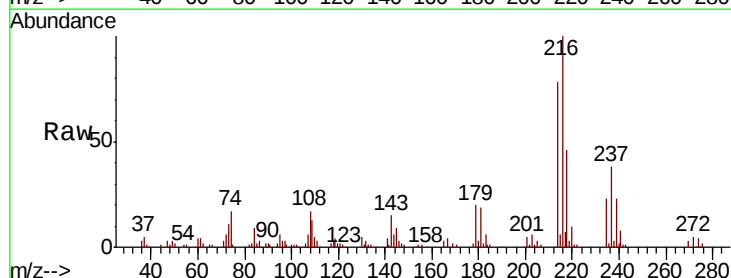
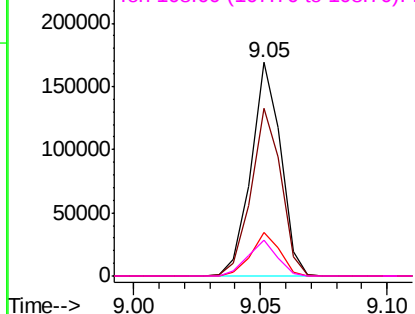
Abundance

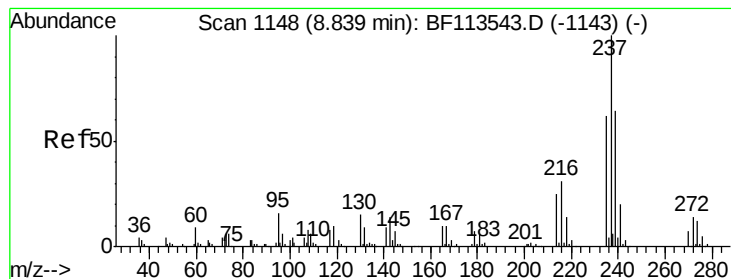
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.634 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

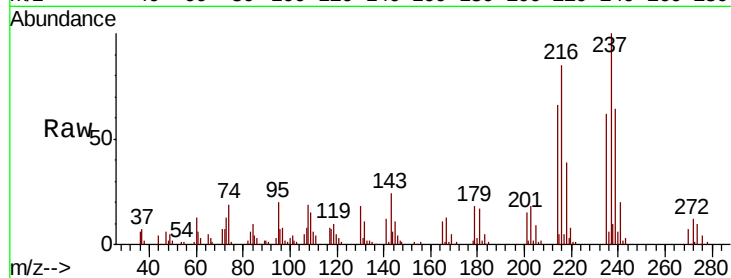
Tot Ion:237 Resp: 68284

Ion Ratio Lower Upper

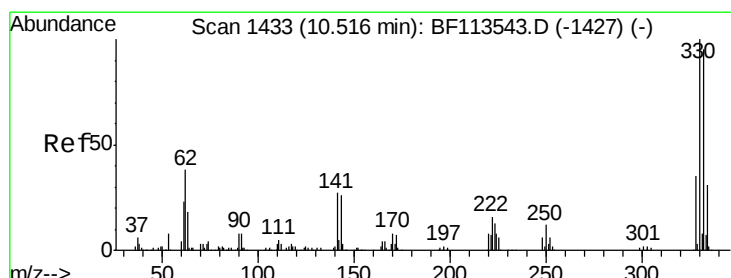
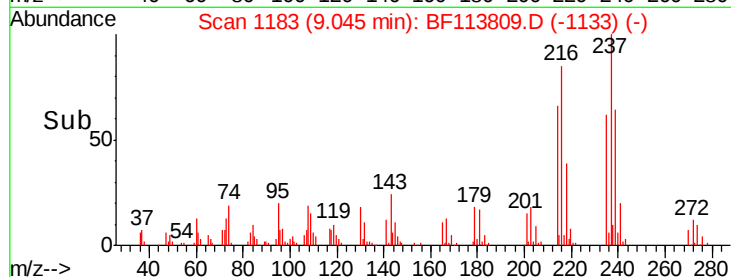
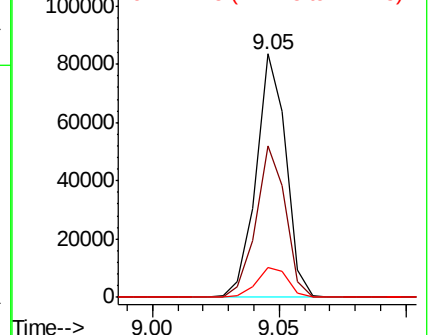
237 100

235 62.0 42.6 82.6

272 12.4 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: 20.011 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

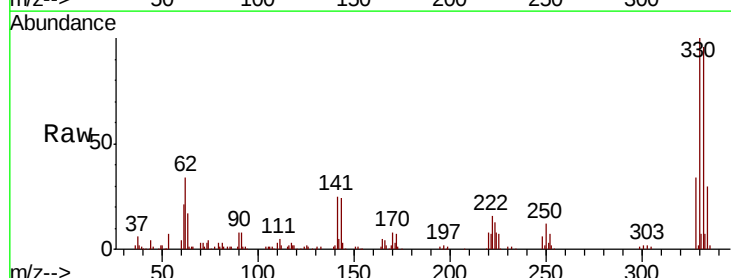
Tgt Ion:330 Resp: 91689

Ion Ratio Lower Upper

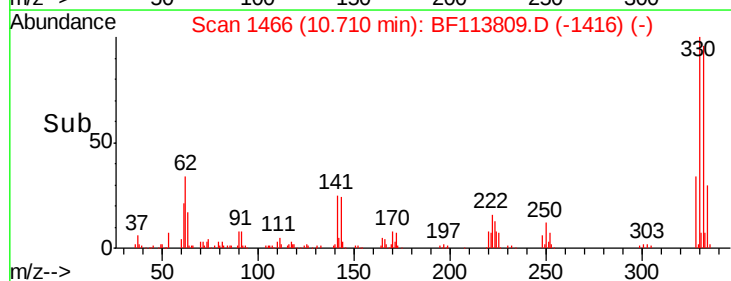
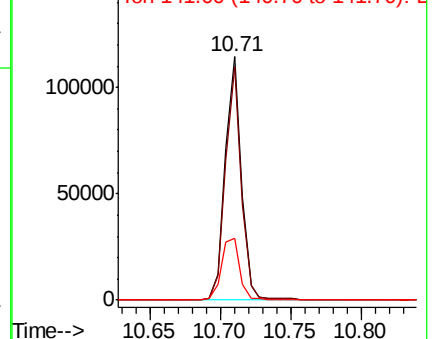
330 100

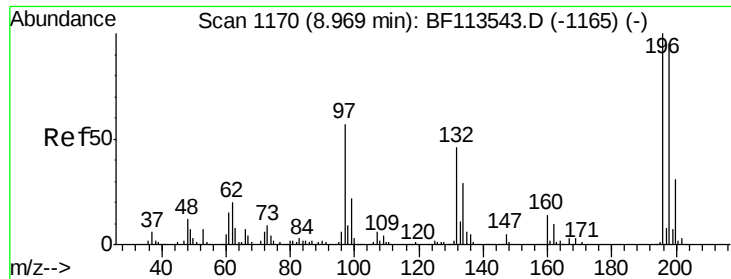
332 94.2 77.5 116.3

141 28.3 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

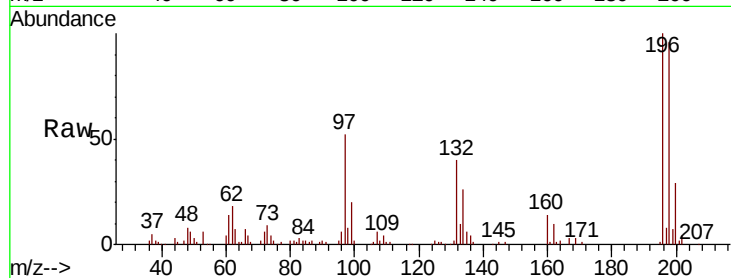




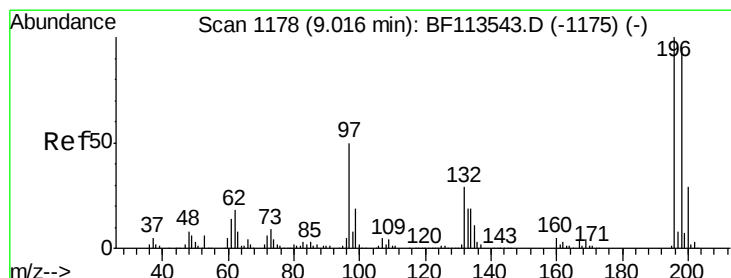
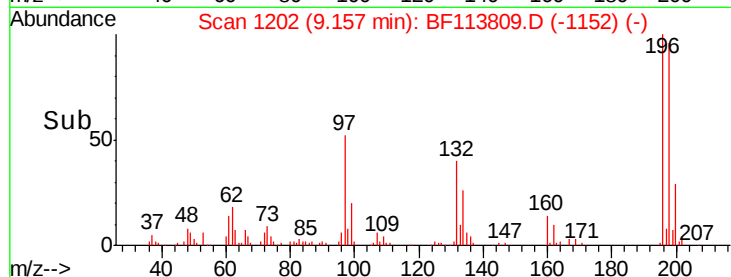
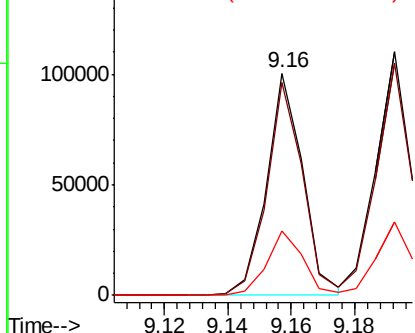
#43
 2,4,6-Trichlorophenol
 Concen: 10.211 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 79509
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 200 29.2 24.7 37.1

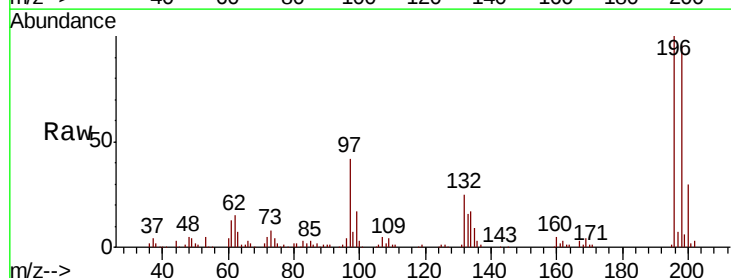


Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

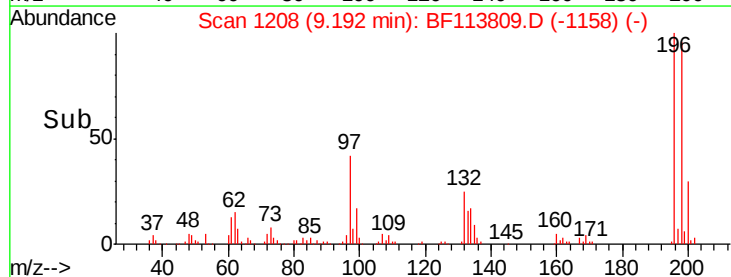
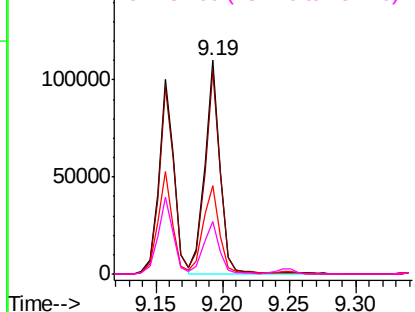


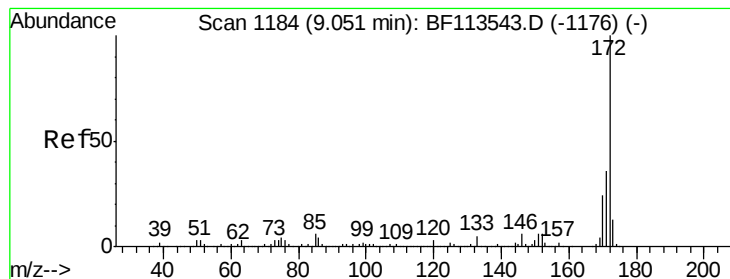
#44
 2,4,5-Trichlorophenol
 Concen: 10.451 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion:196 Resp: 87364
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.4
 97 41.5 35.8 53.8
 132 24.6 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 150000 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: 24.927 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

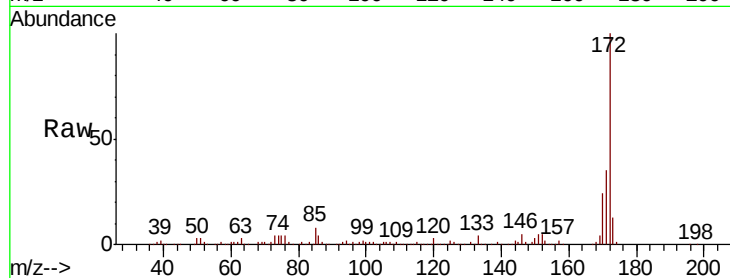
Tot Ion:172 Resp: 590599

Ion Ratio Lower Upper

172 100

171 34.9 29.4 44.0

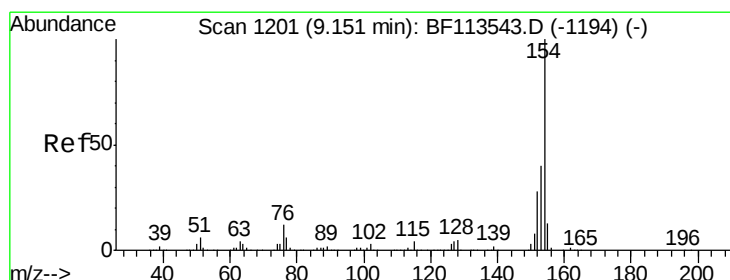
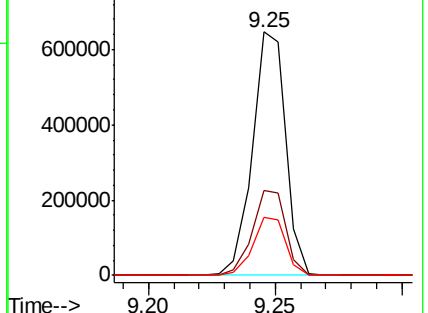
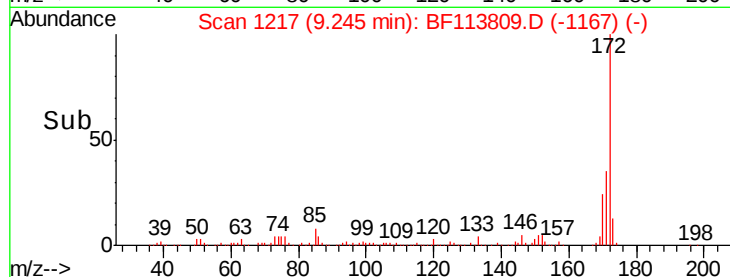
170 24.0 19.9 29.9



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: 10.890 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

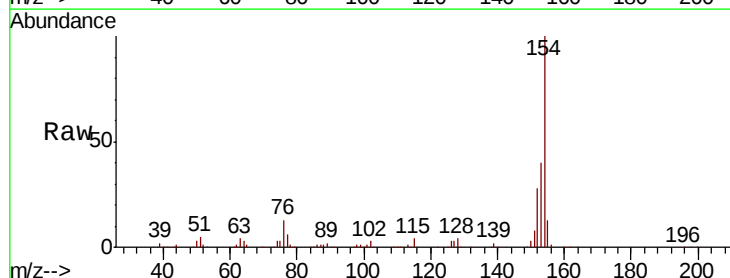
Tgt Ion:154 Resp: 342749

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

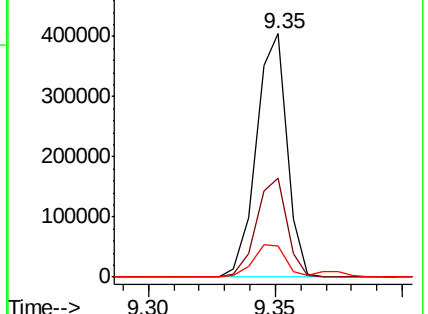
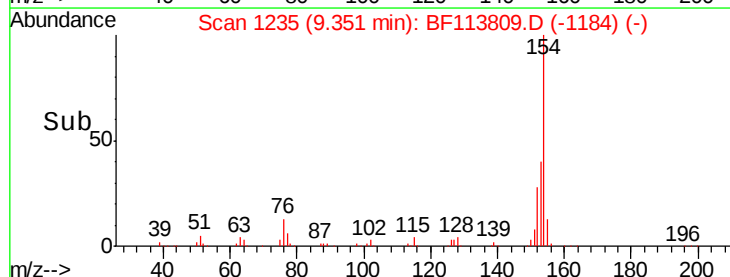
76 12.8 0.0 35.2

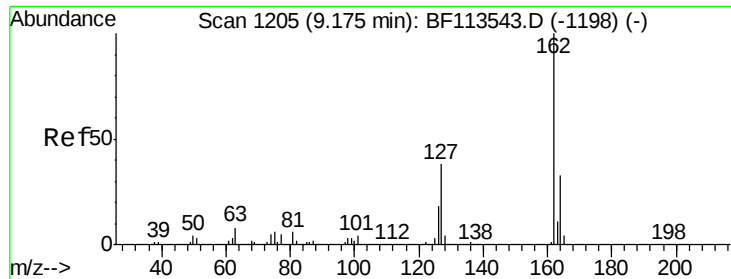


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 11.248 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

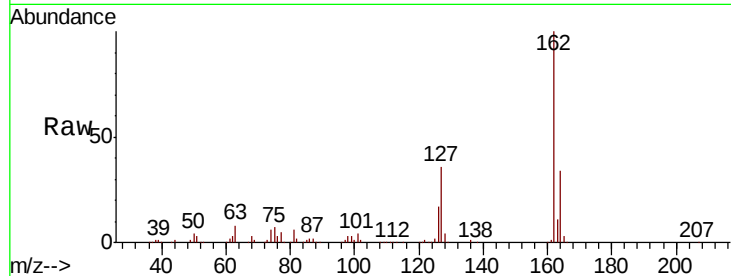
Tot Ion:162 Resp: 268040

Ion Ratio Lower Upper

162 100

127 36.3 29.3 43.9

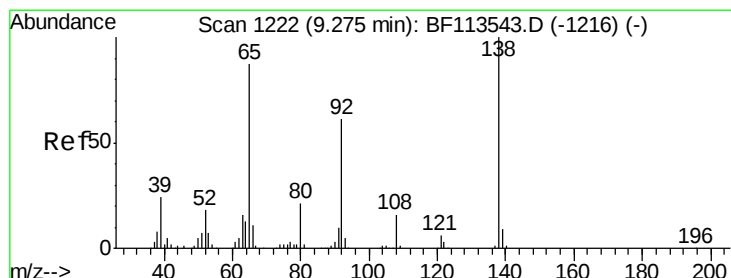
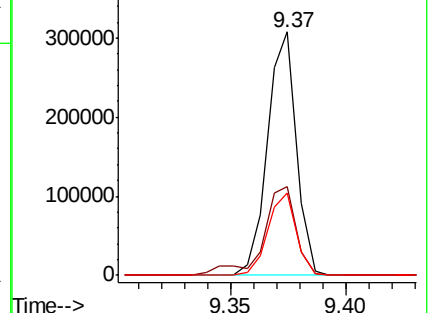
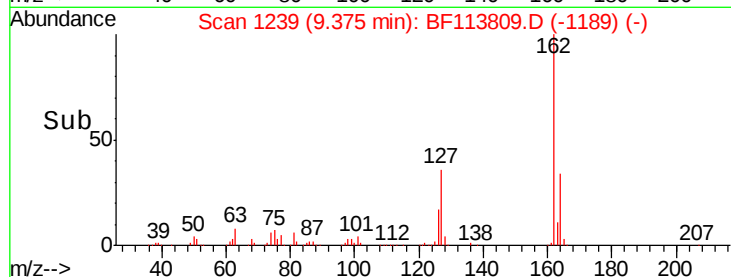
164 33.6 27.1 40.7



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: 6.941 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

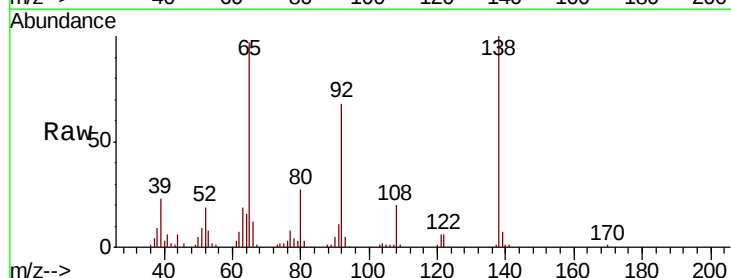
Tgt Ion: 65 Resp: 50611

Ion Ratio Lower Upper

65 100

92 70.5 57.4 86.0

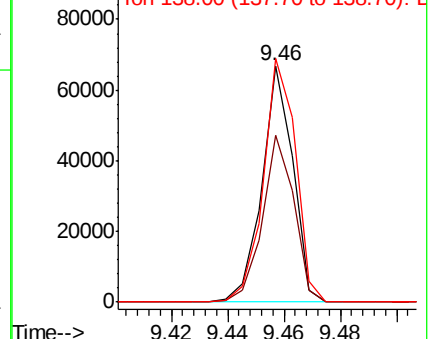
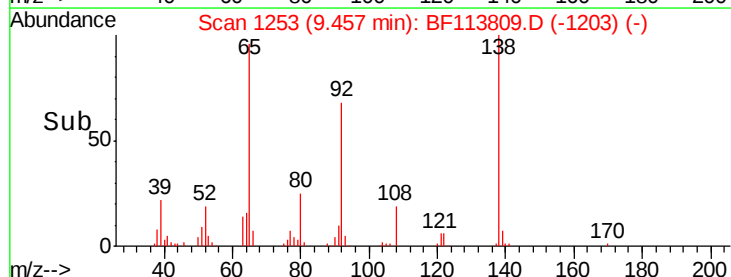
138 103.2 85.4 128.0

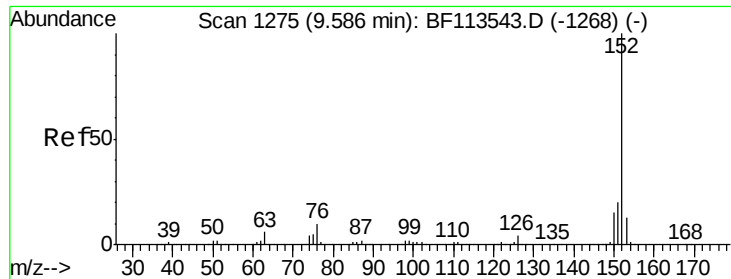


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 11.188 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

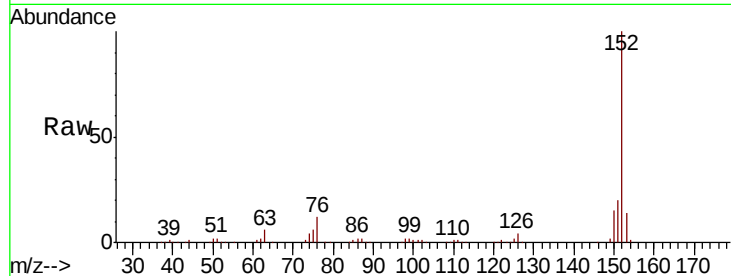
Tot Ion:152 Resp: 433572

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.4

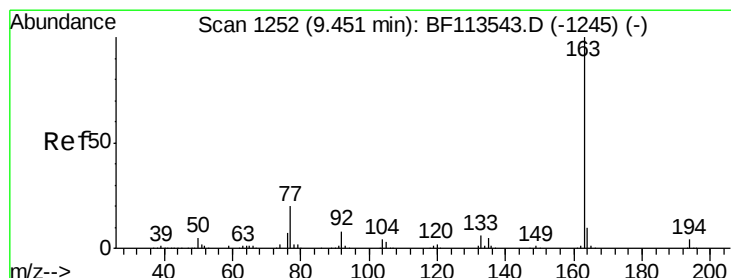
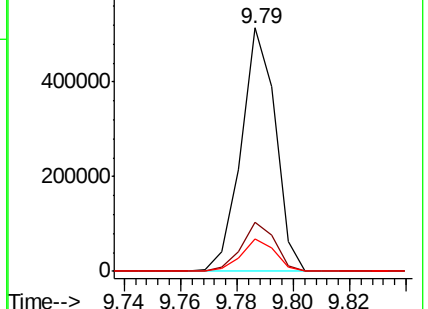
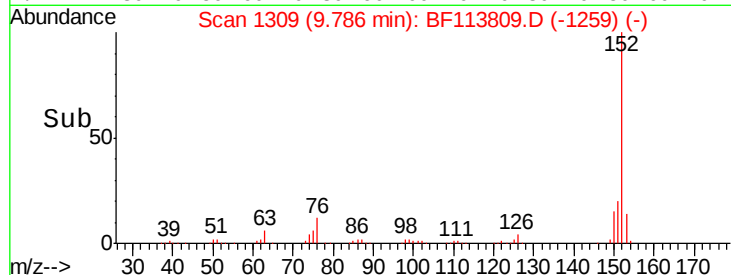
153 13.5 11.0 16.6



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: 10.804 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

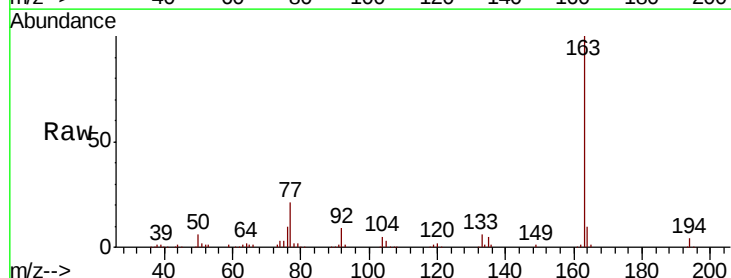
Tgt Ion:163 Resp: 303766

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

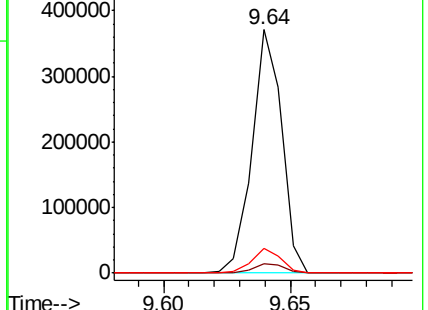
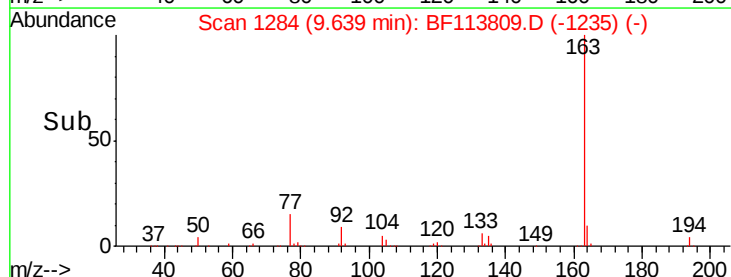
164 10.3 8.5 12.7

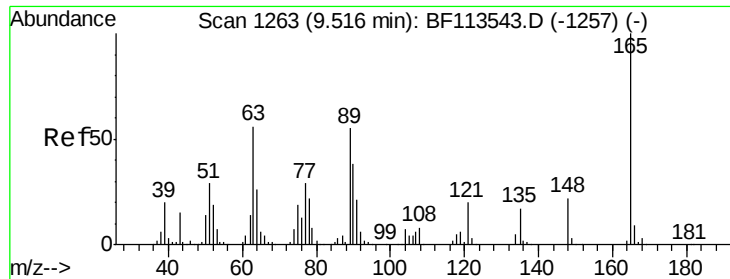


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

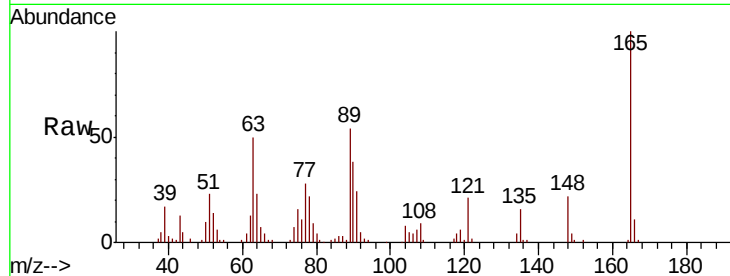




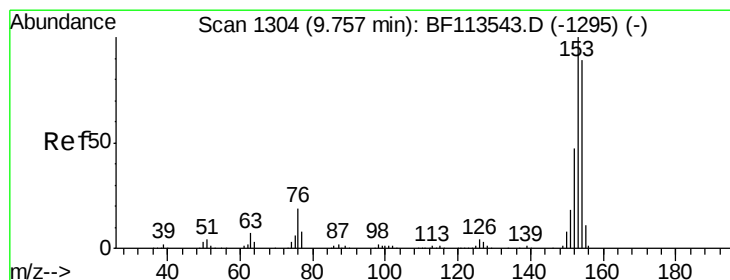
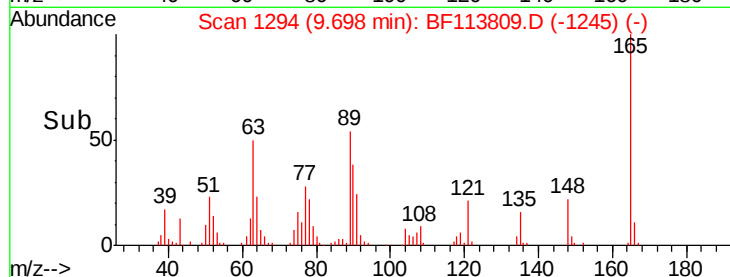
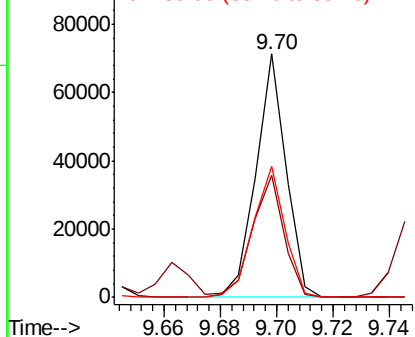
#51
 2,6-Dinitrotoluene
 Concen: 8.516 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.1	33.8	50.8
89	54.0	38.2	57.2

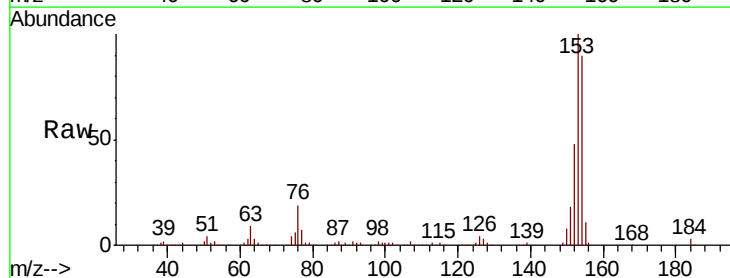


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

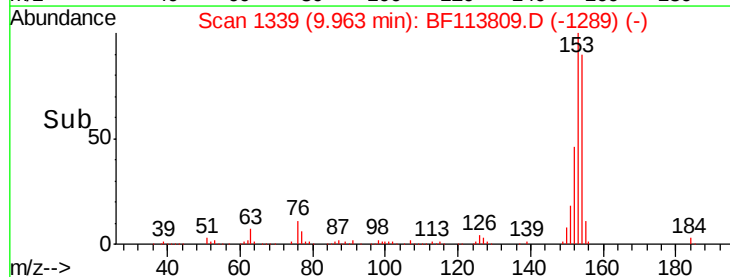
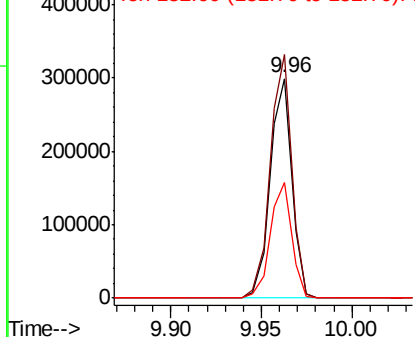


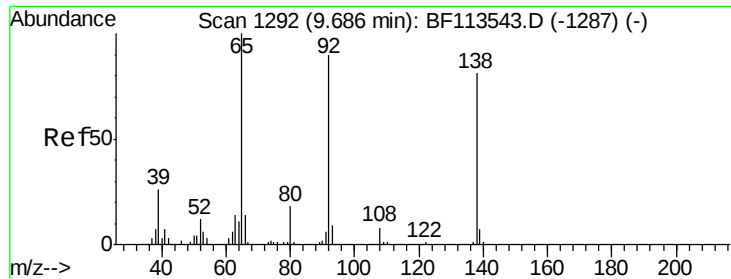
#52
 Acenaphthene
 Concen: 11.266 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	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

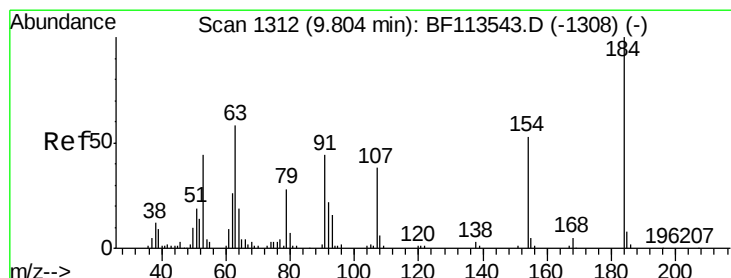
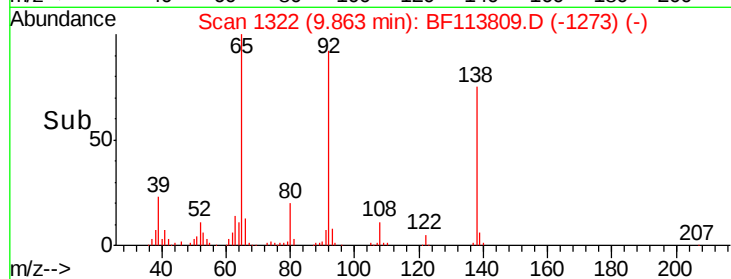
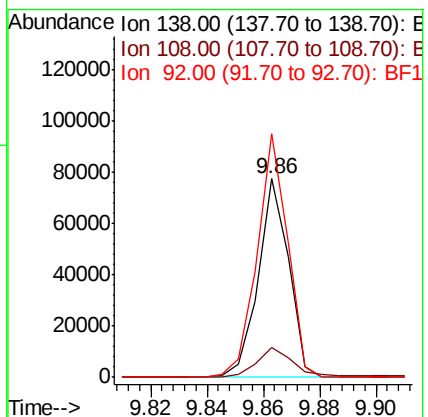
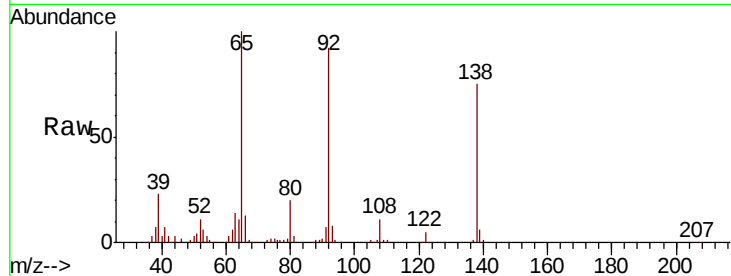




#53
3-Nitroaniline
Concen: 8.210 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

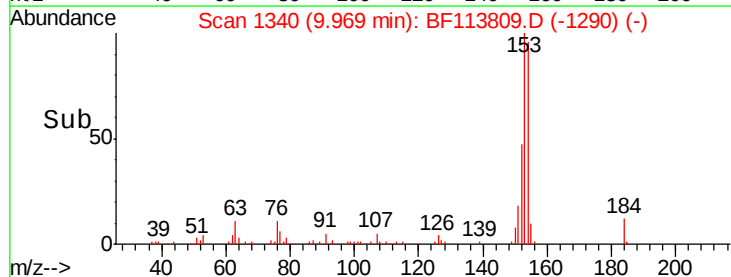
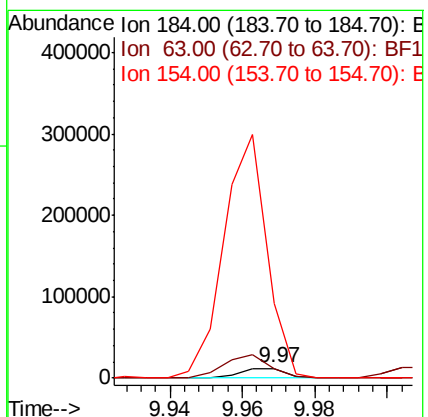
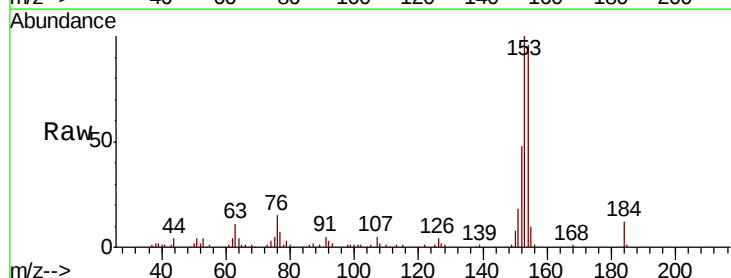
Instrument :
BNA_F
ClientSampleId :

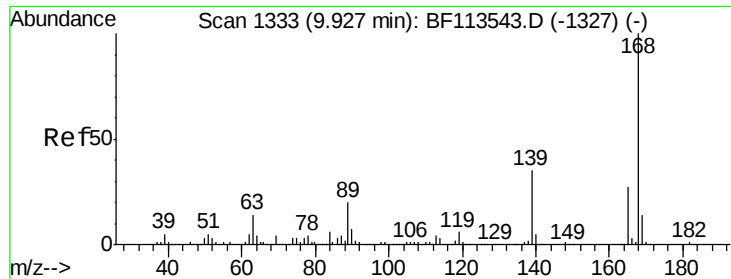
Tot Ion:138 Resp: 57853
Ion Ratio Lower Upper
138 100
108 15.0 9.4 14.2#
92 122.7 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 3.566 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:184 Resp: 10339
Ion Ratio Lower Upper
184 100
63 92.7 54.6 81.8#
154 775.5 218.6 328.0#

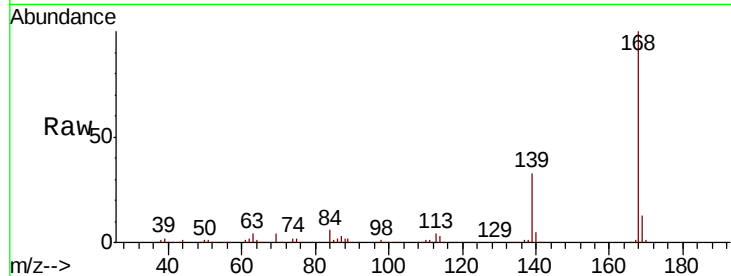




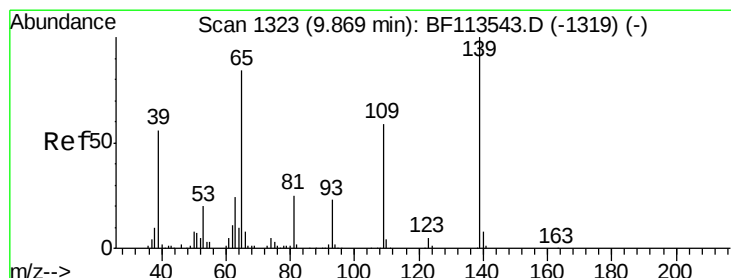
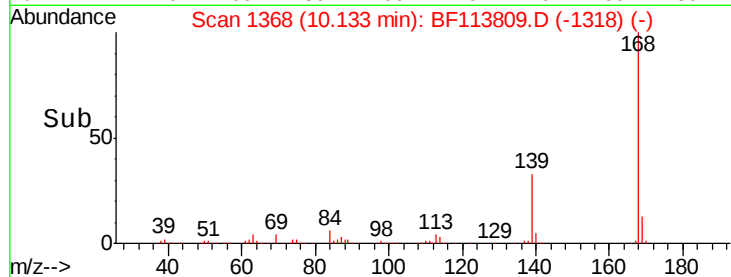
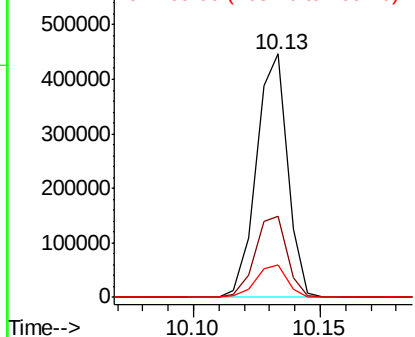
#55
Dibenzofuran
Concen: 11.817 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 384534
Ion Ratio Lower Upper
168 100
139 33.1 27.8 41.6
169 13.3 11.0 16.6

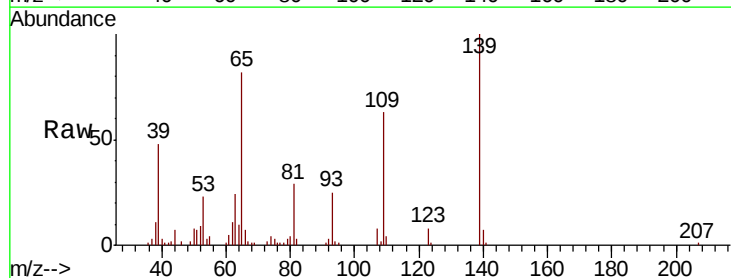


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

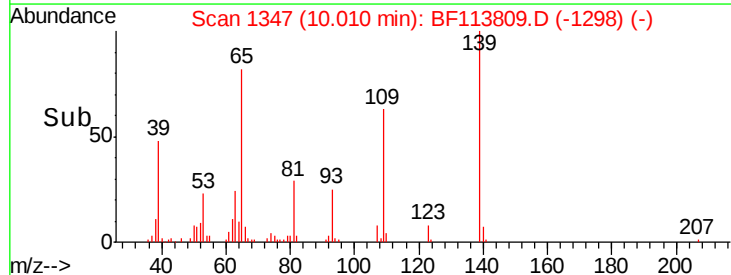
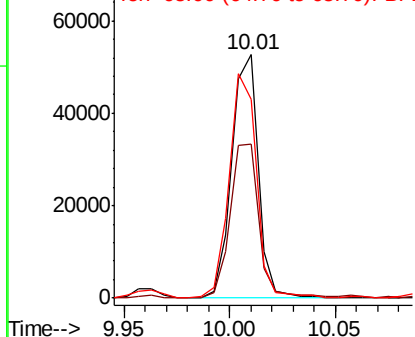


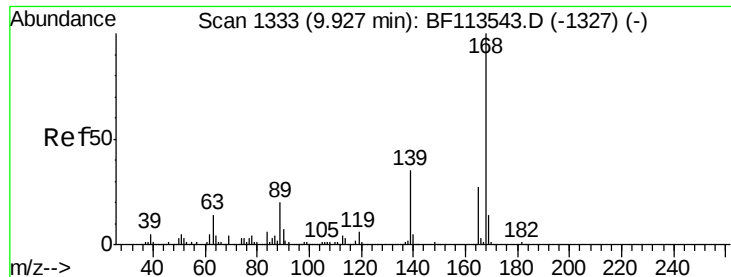
#56
4-Nitrophenol
Concen: 10.384 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:139 Resp: 45390
Ion Ratio Lower Upper
139 100
109 63.1 42.9 82.9
65 81.9 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

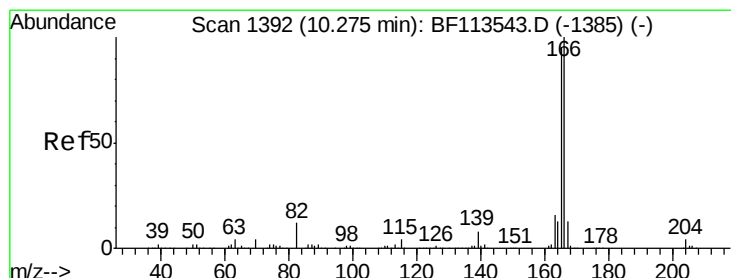
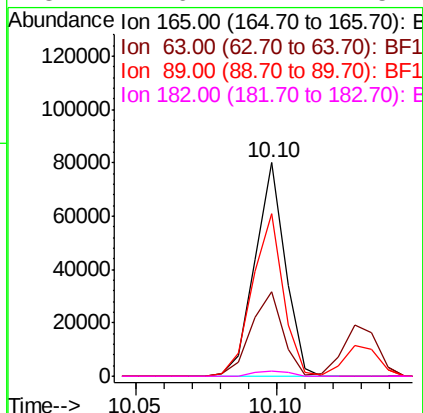
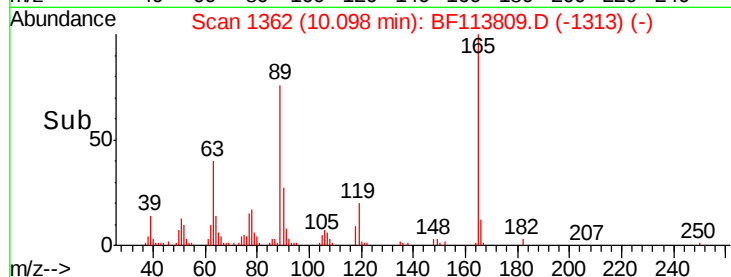
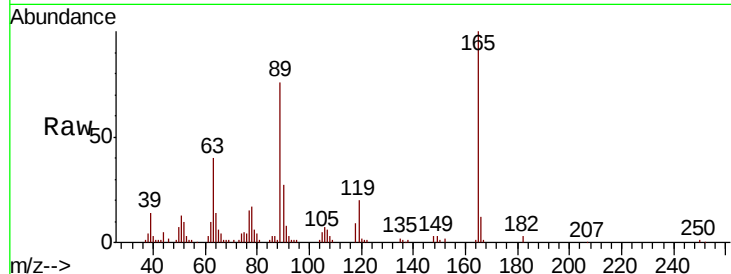




#57
 2,4-Dinitrotoluene
 Concen: 7.968 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

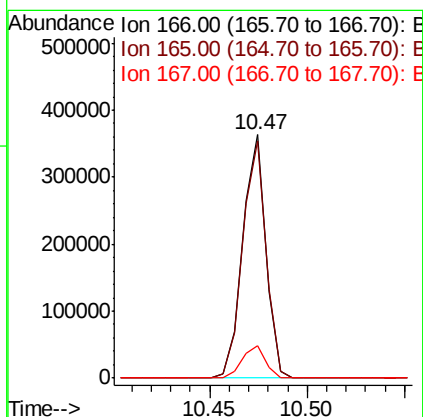
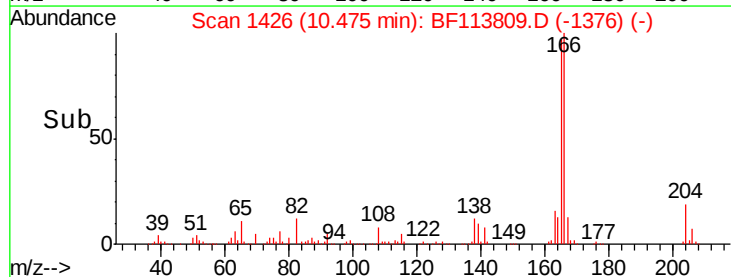
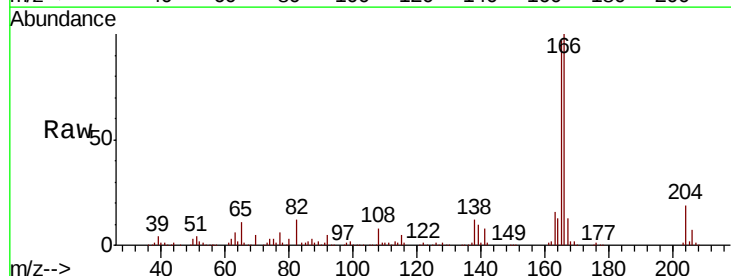
Instrument :
 BNA_F
 ClientSampleId :

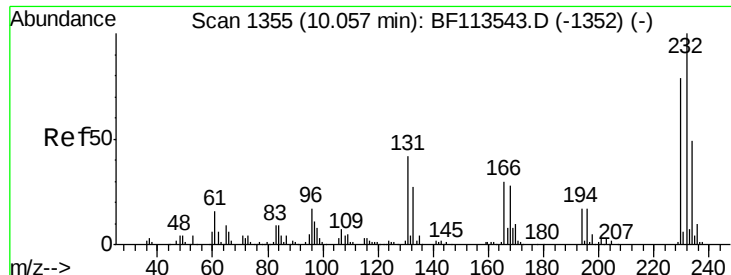
Tot Ion:165 Resp: 59724
 Ion Ratio Lower Upper
 165 100
 63 39.8 27.4 41.0
 89 75.8 51.8 77.6
 182 2.6 2.2 3.2



#58
 Fluorene
 Concen: 11.578 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion:166 Resp: 297972
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.4 117.6
 167 13.2 10.9 16.3

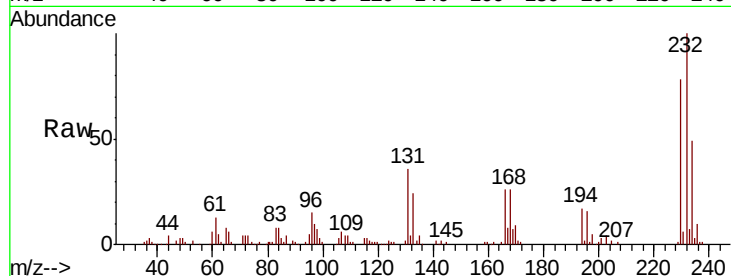




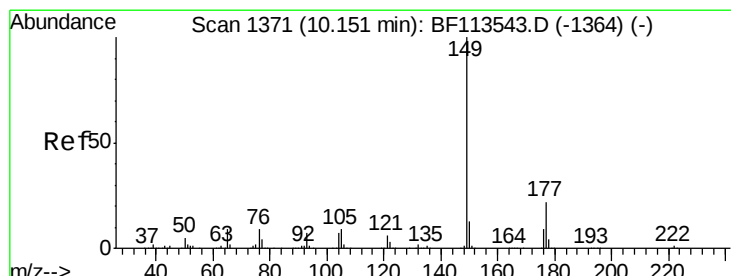
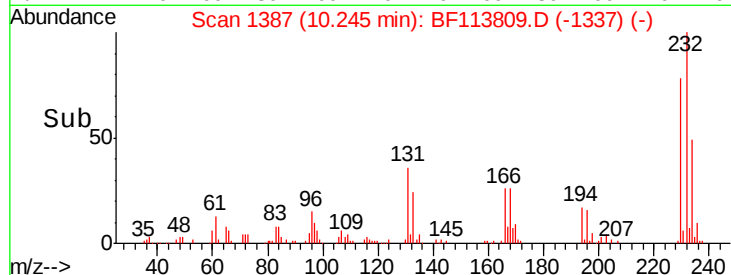
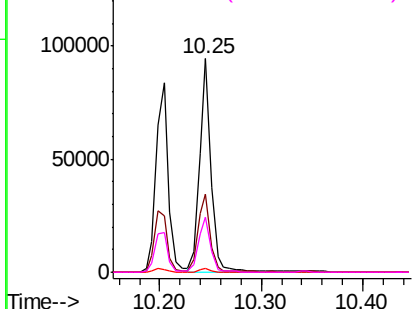
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.420 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	75402
Ion	Ratio	Lower	Upper
232	100		
131	38.8	30.2	45.2
130	1.8	1.5	2.3
166	26.3	22.2	33.4

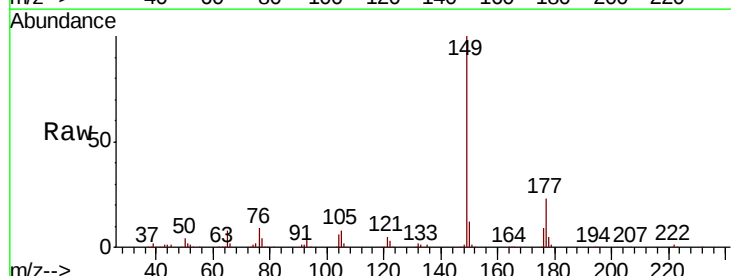


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

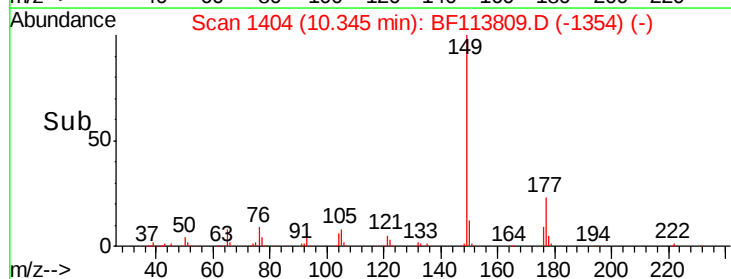
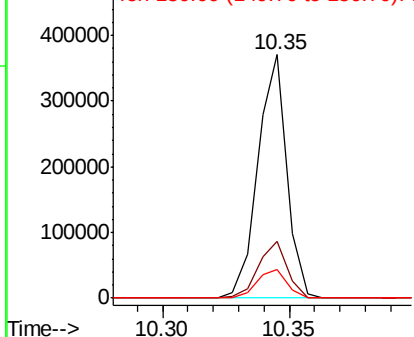


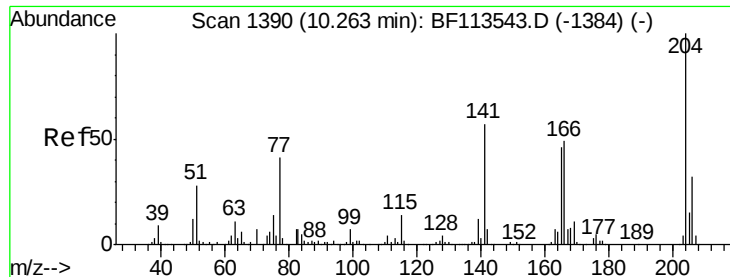
#60
 Diethylphthalate
 Concen: 10.798 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion:	149	Resp:	292710
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.2	28.8
150	11.7	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

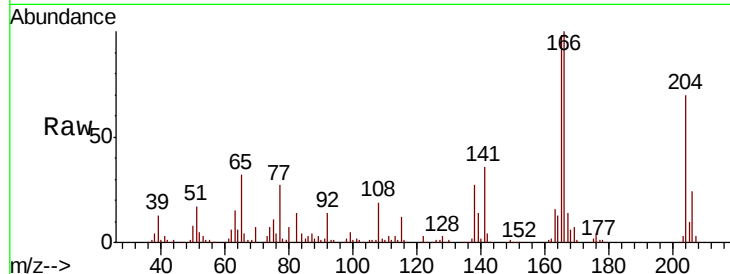




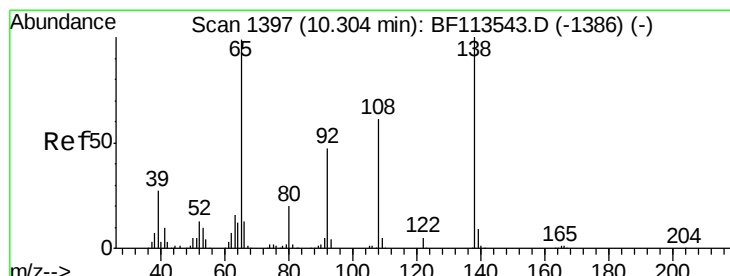
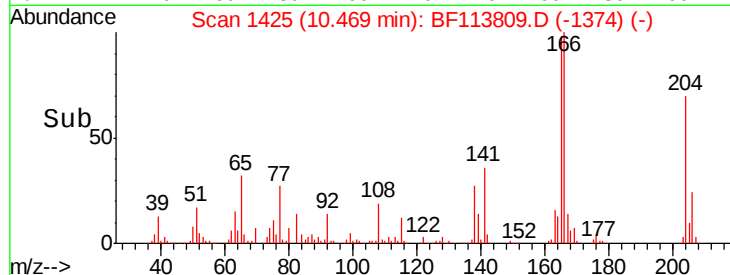
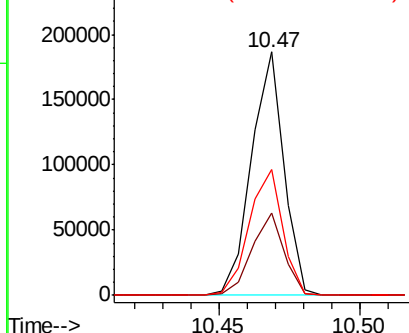
#61
 4-Chlorophenyl-phenylether
 Concen: 11.757 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.4	41.2
141	51.5	42.6	63.8

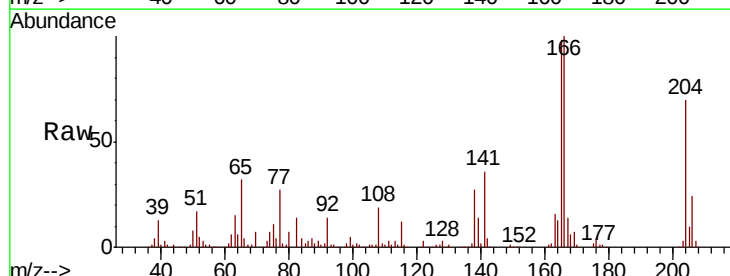


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

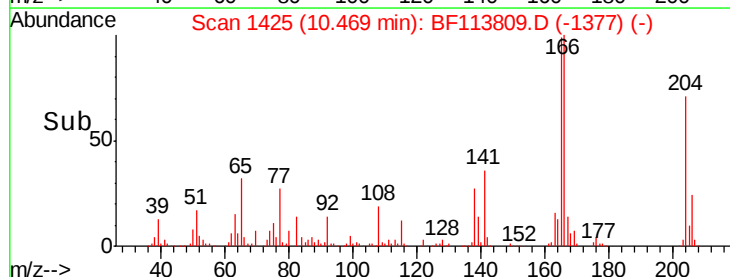
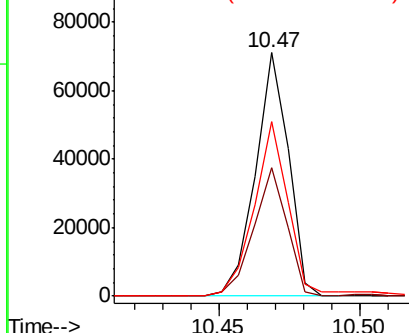


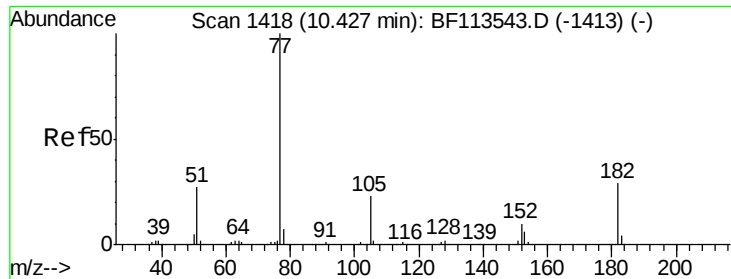
#62
 4-Nitroaniline
 Concen: 8.047 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	31.3	71.3
108	71.5	48.9	88.9



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





#63

Azobenzene

Concen: 11.938 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 306418

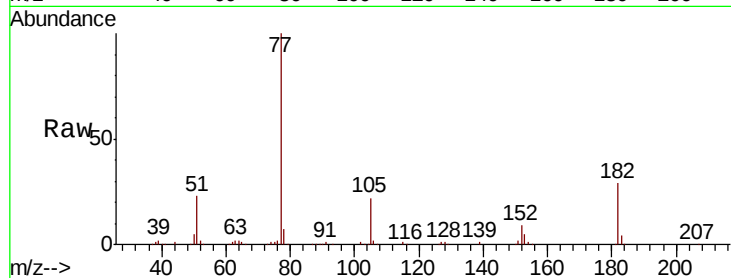
Ion Ratio Lower Upper

77 100

182 29.1 4.4 44.4

105 22.2 2.2 42.2

51 22.6 3.9 43.9

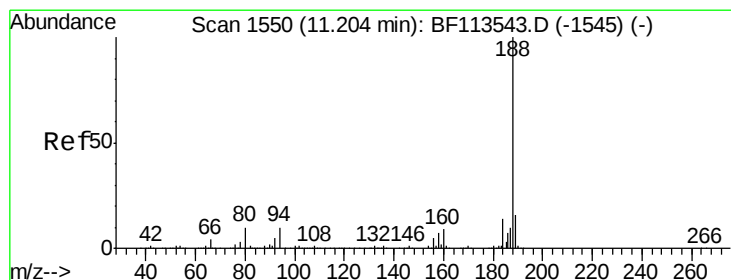
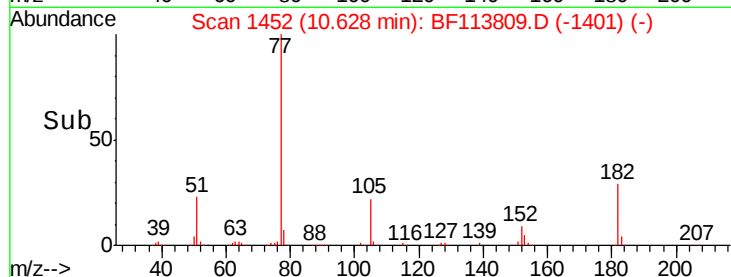
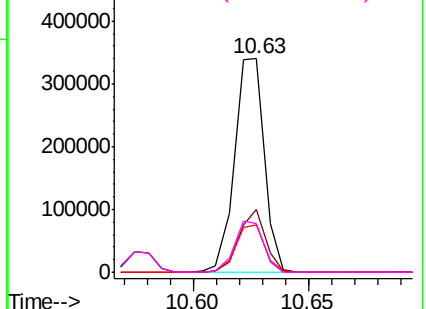


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF113809.D

Acq: 18 Apr 2019 8:08

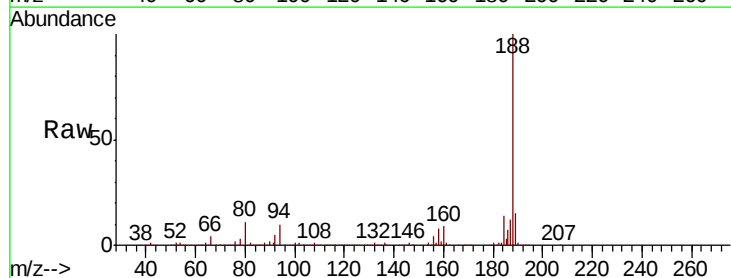
Tgt Ion: 188 Resp: 741291

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

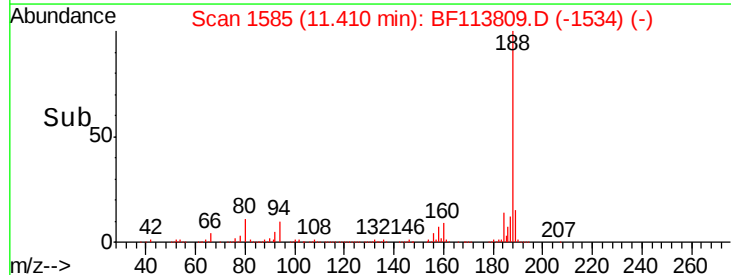
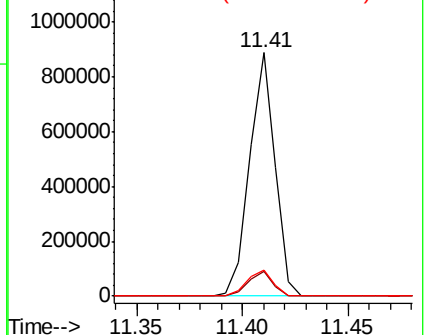
80 10.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

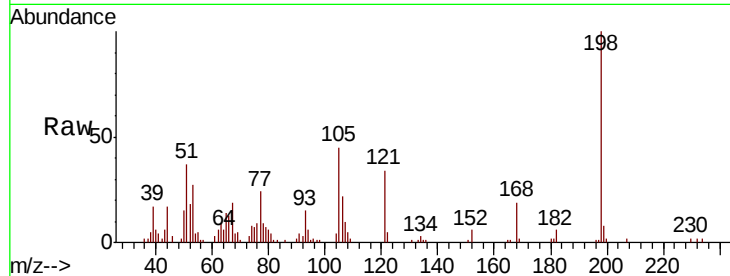




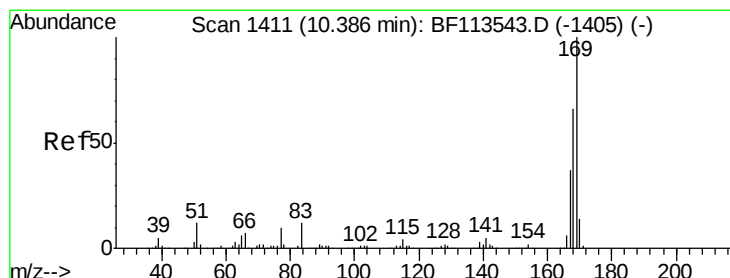
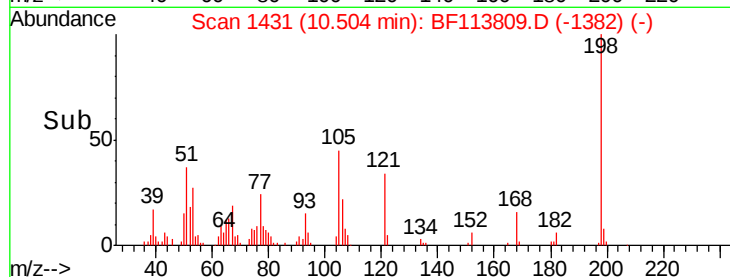
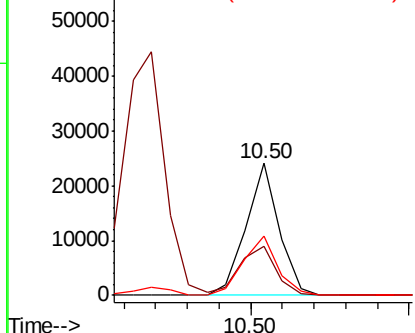
#65
4,6-Dinitro-2-methylphenol
Concen: 4.464 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 17422
Ion Ratio Lower Upper
198 100
51 37.1 11.1 51.1
105 44.9 20.7 60.7

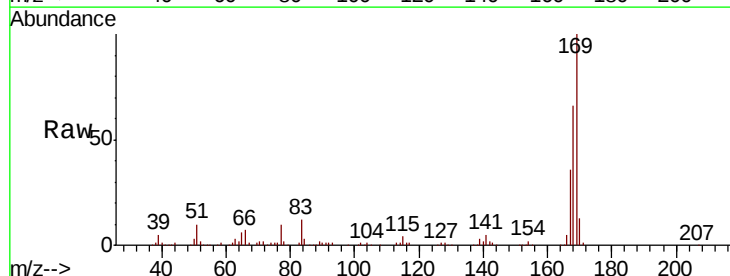


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

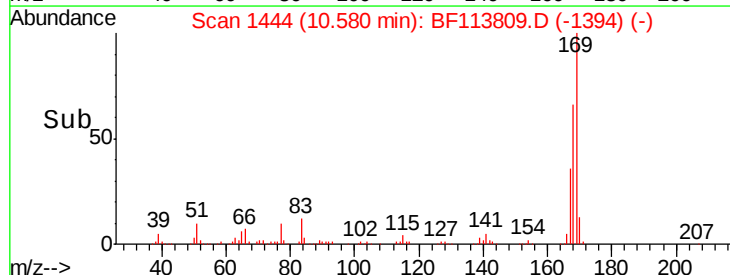
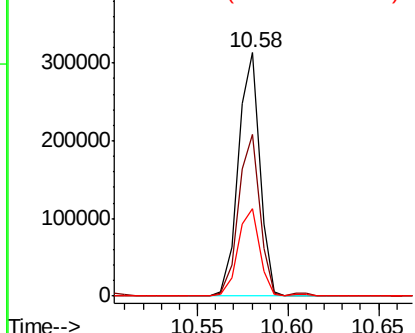


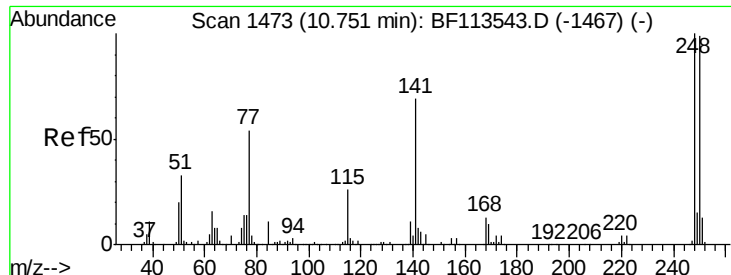
#66
n-Nitrosodiphenylamine
Concen: 11.332 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:169 Resp: 257893
Ion Ratio Lower Upper
169 100
168 66.3 54.3 81.5
167 35.7 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

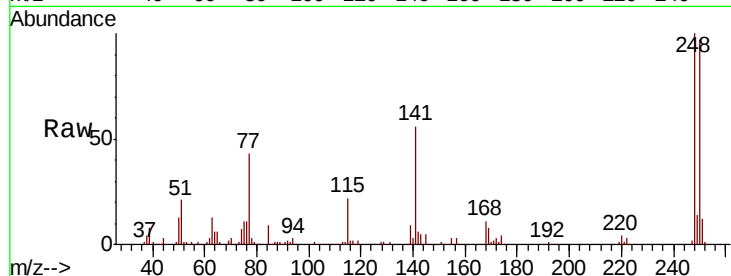




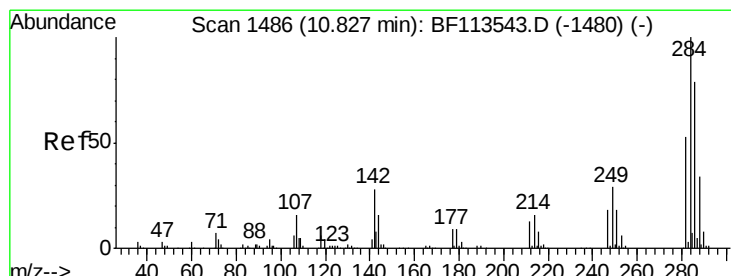
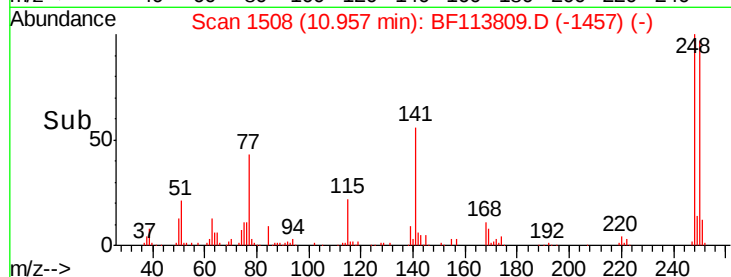
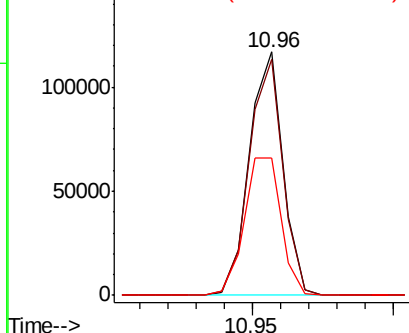
#67
 4-Bromophenyl-phenylether
 Concen: 11.595 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 96401
 Ion Ratio Lower Upper
 248 100
 250 96.9 75.8 113.6
 141 56.3 50.2 75.4

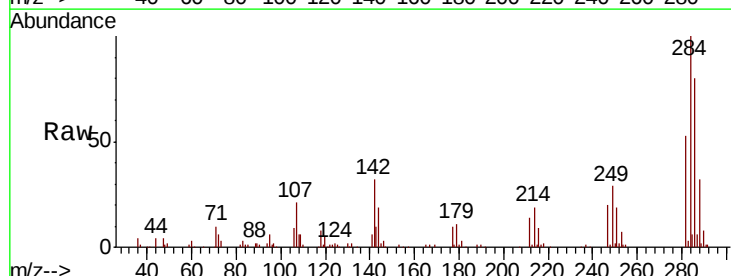


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

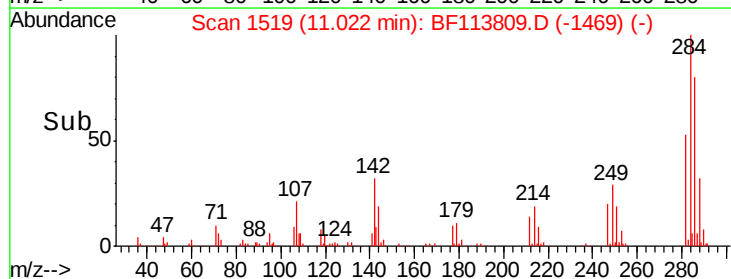
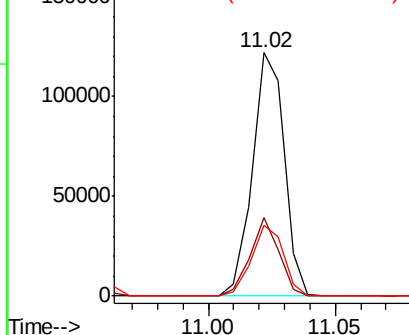


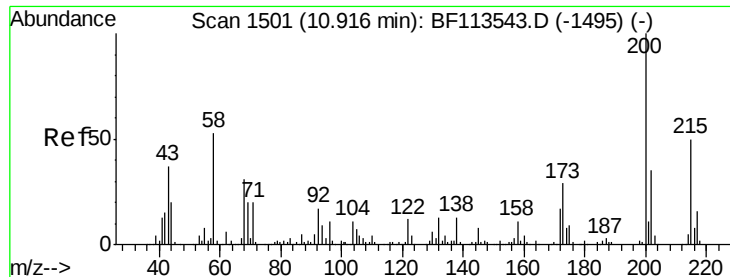
#68
 Hexachlorobenzene
 Concen: 11.210 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion:284 Resp: 106786
 Ion Ratio Lower Upper
 284 100
 142 32.2 23.0 34.4
 249 29.0 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

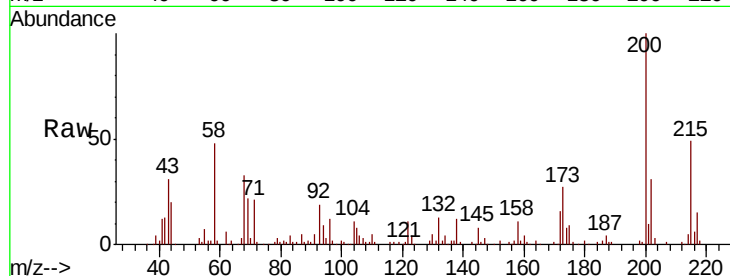




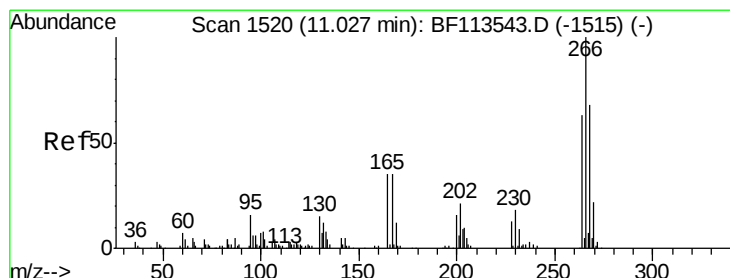
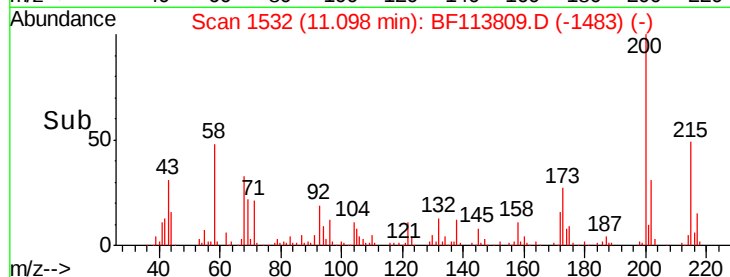
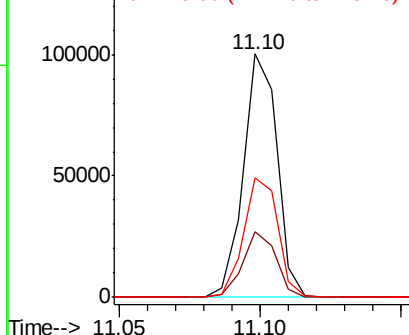
#69
 Atrazine
 Concen: 11.557 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	5.9	45.9
215	49.2	29.3	69.3

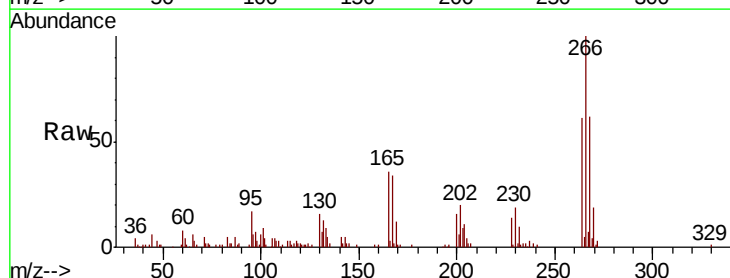


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

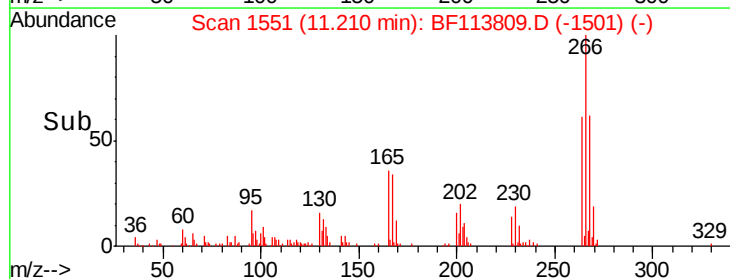
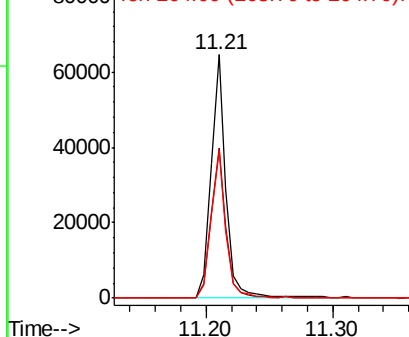


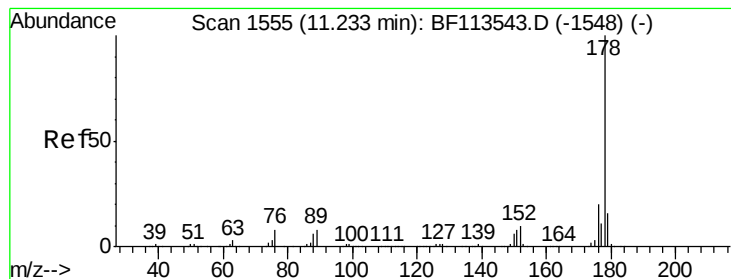
#70
 Pentachlorophenol
 Concen: 11.846 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	53.5	80.3
264	60.8	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: 12.262 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

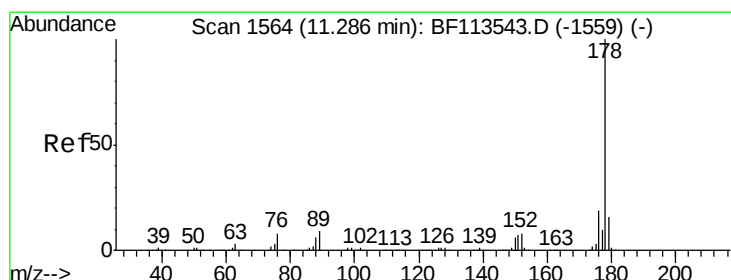
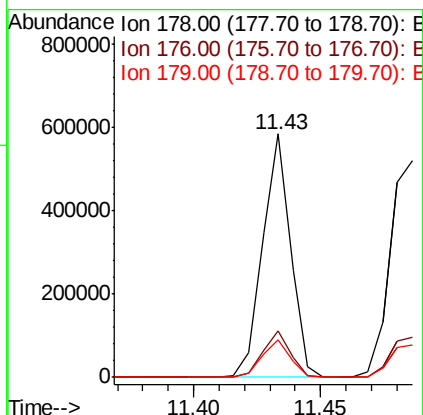
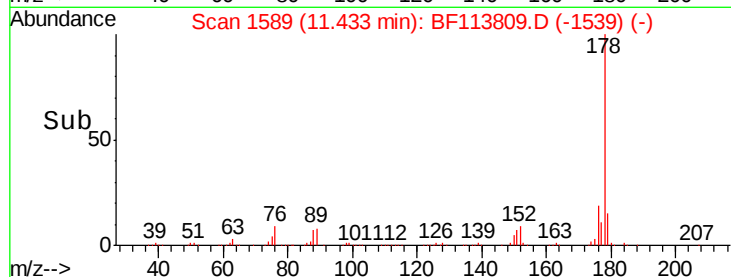
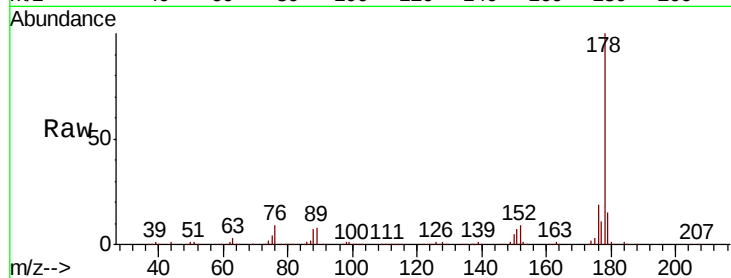
Tot Ion:178 Resp: 451687

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

179 15.3 12.8 19.2



#72

Anthracene

Concen: 12.281 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

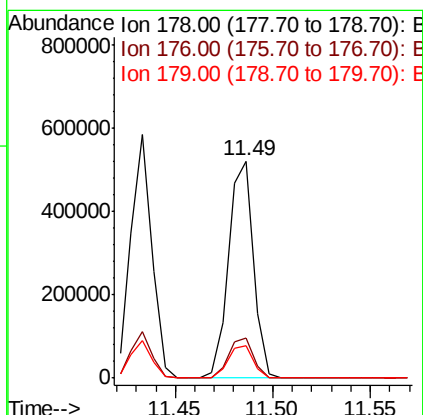
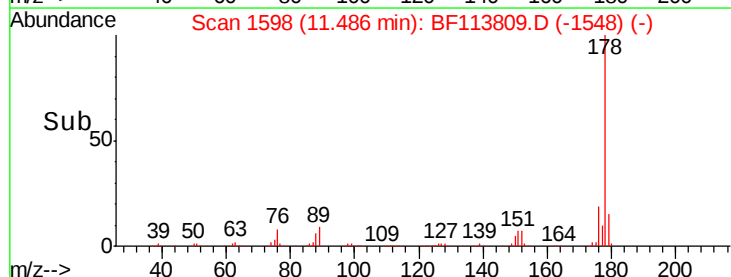
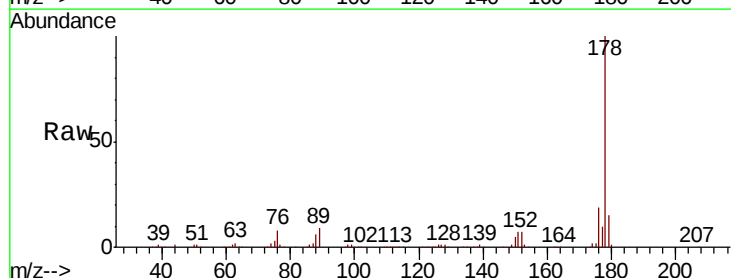
Tgt Ion:178 Resp: 460252

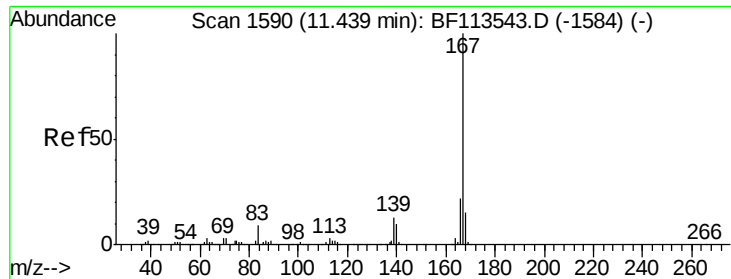
Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

179 15.2 13.0 19.4

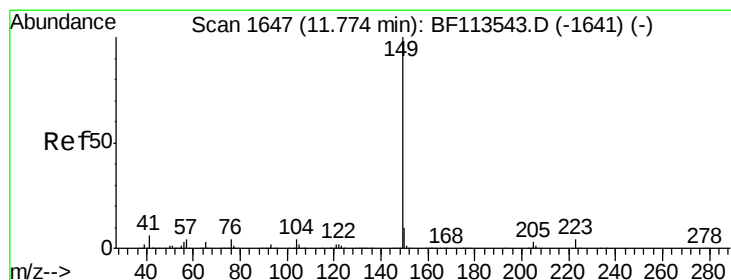
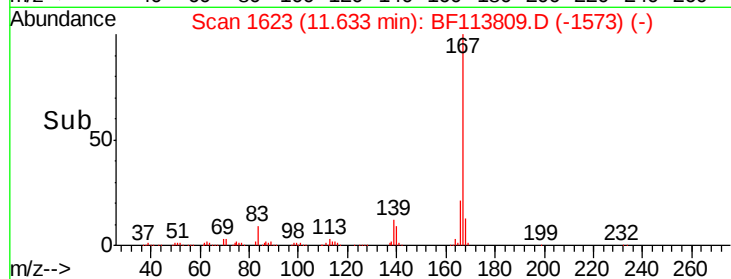
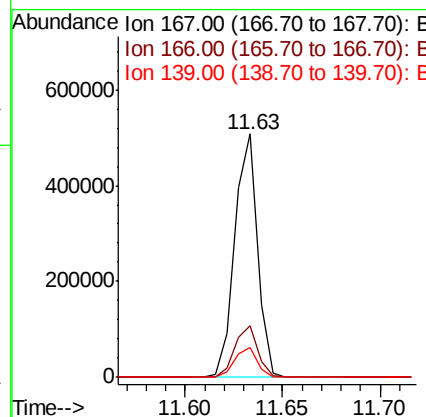
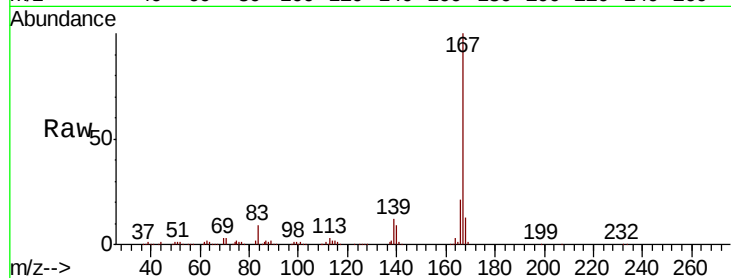




#73
 Carbazole
 Concen: 11.746 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

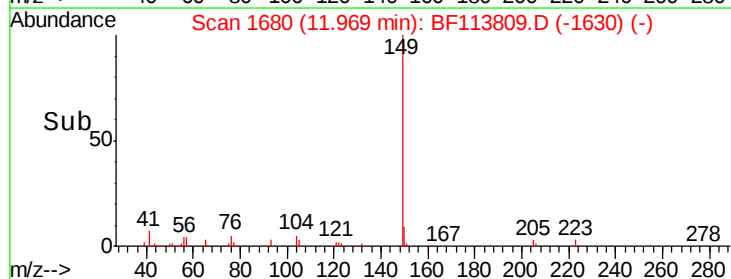
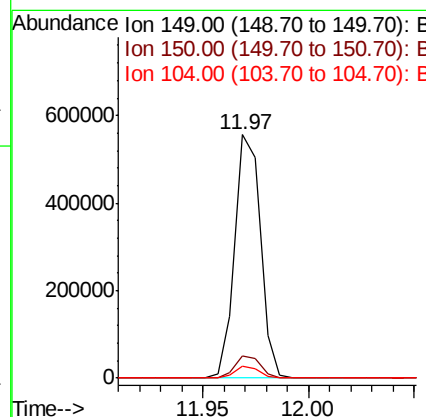
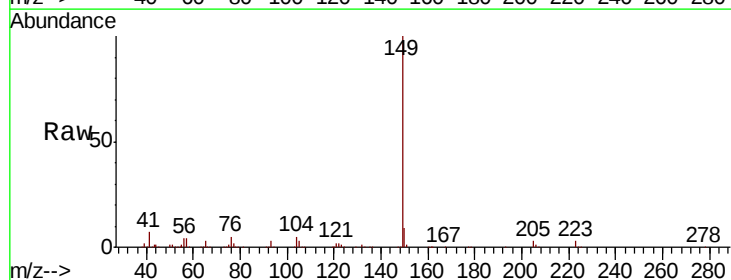
Instrument :
 BNA_F
 ClientSampleId :

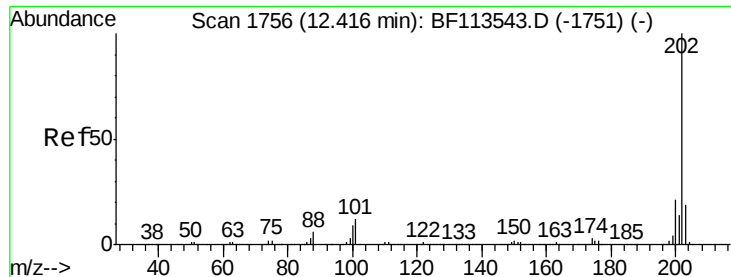
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.7	26.5
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 11.133 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.8	3.8	5.8

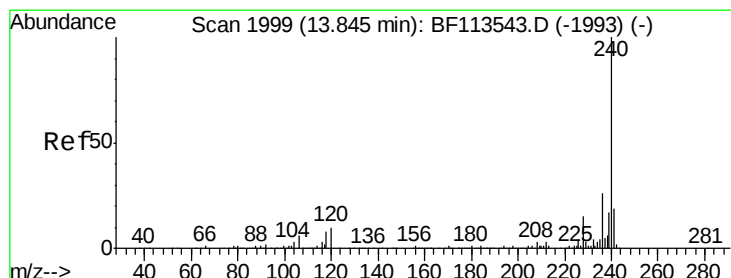
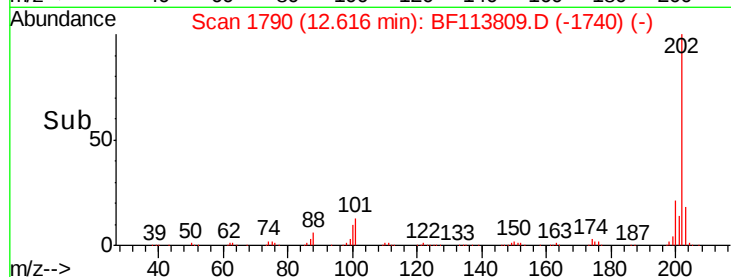
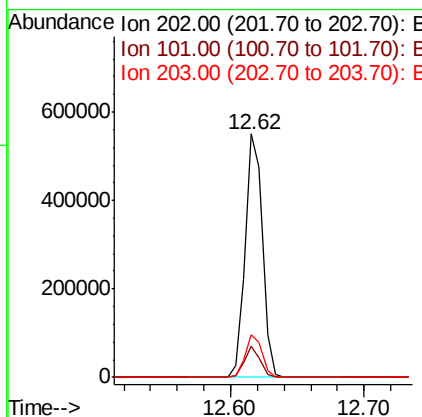
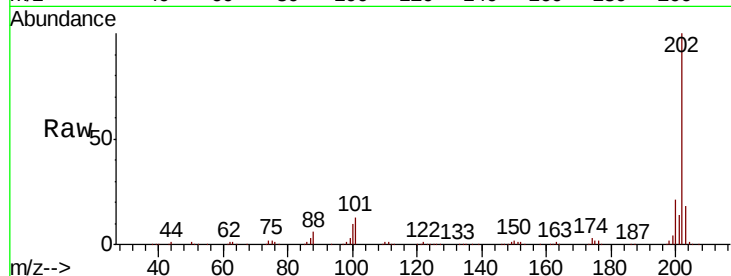




#75
 Fluoranthene
 Concen: 12.358 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

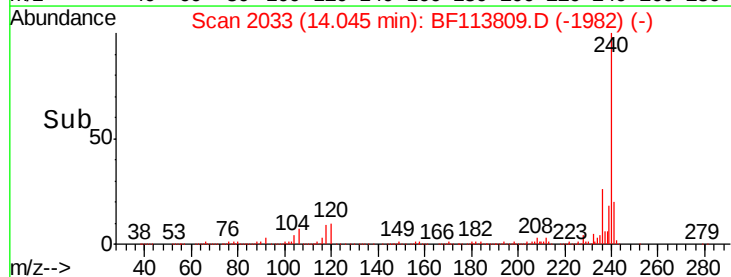
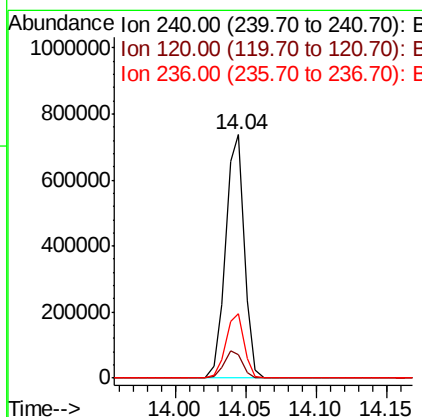
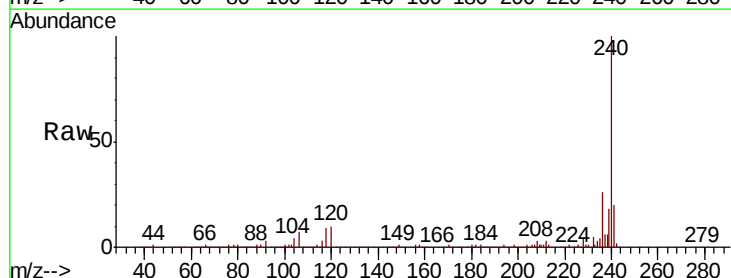
Instrument :
 BNA_F
 ClientSampleId :

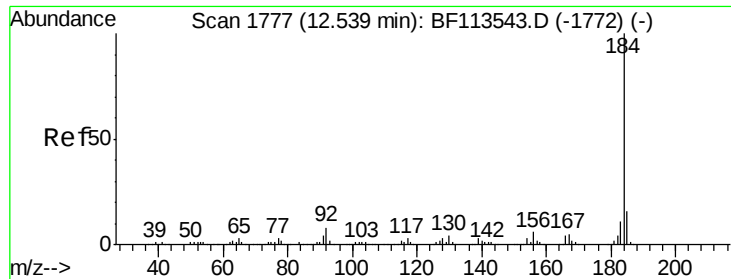
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.9
203	17.7	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF113809.D
 Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.3	13.9
236	26.3	21.2	31.8





#77

Benzidine

Concen: 9.820 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

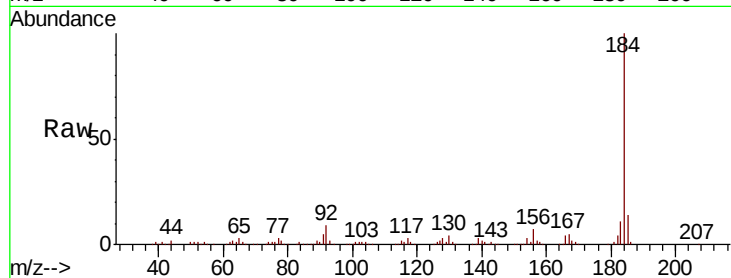
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 247229

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.0	19.6
183	10.9	9.4	14.0

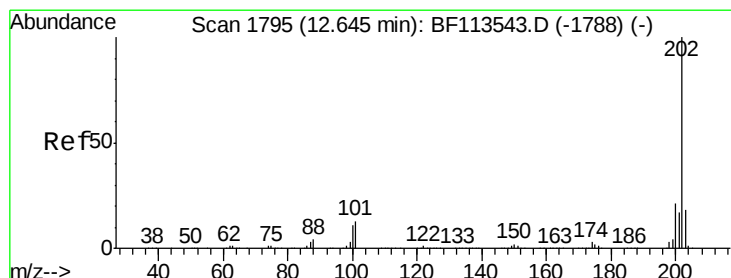
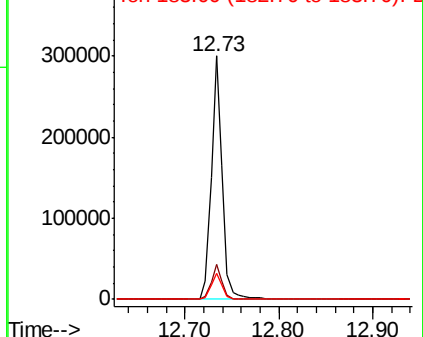
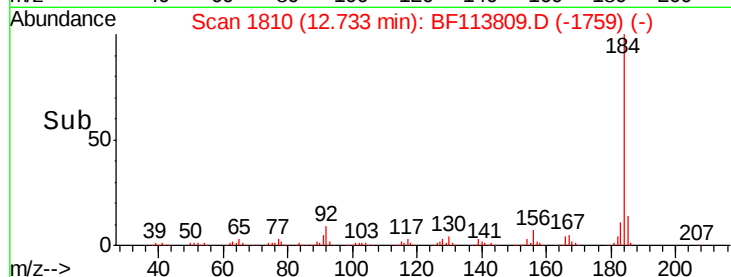


Abundance

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: 9.574 ng

RT: 12.85 min Scan# 1829

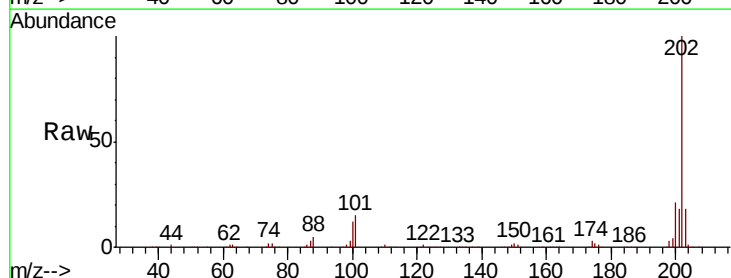
Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Tgt Ion:202 Resp: 493198

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.6	15.0	22.6

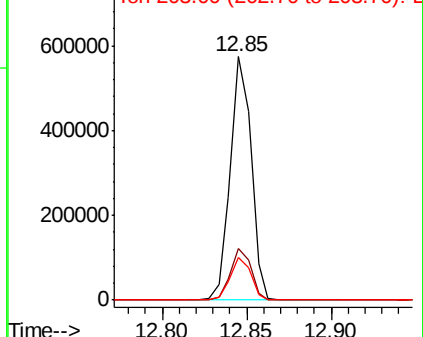
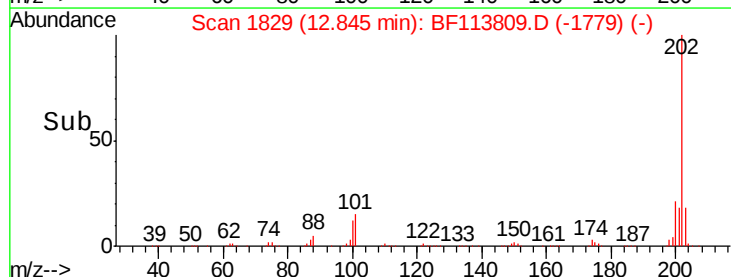


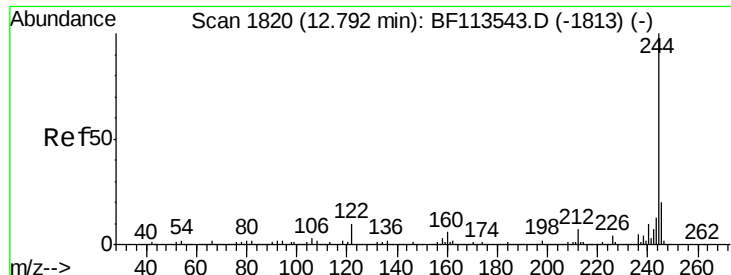
Abundance

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: 22.631 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

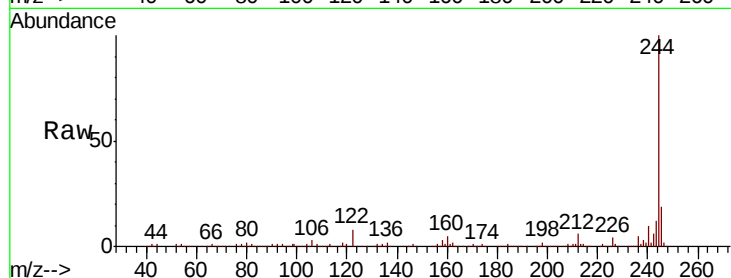
Tot Ion:244 Resp: 752518

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

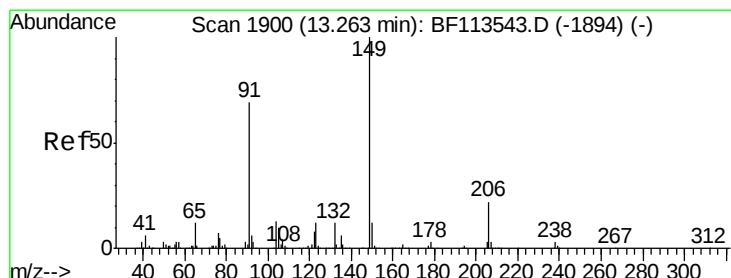
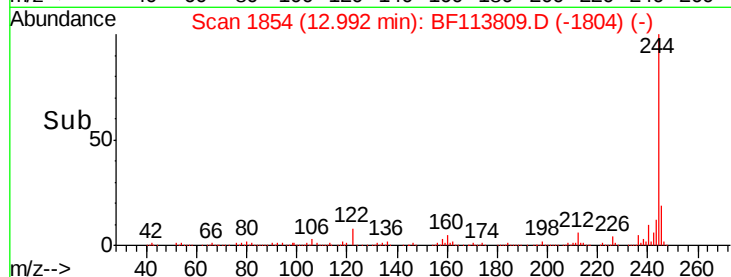
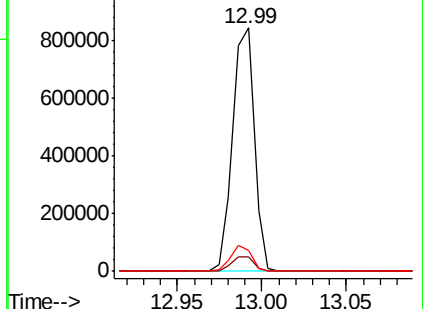
122 8.4 7.6 11.4



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: 7.985 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

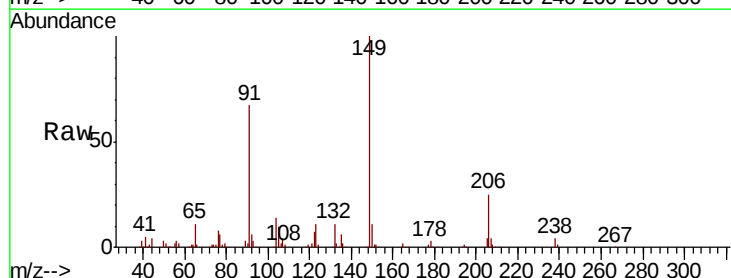
Tgt Ion:149 Resp: 167443

Ion Ratio Lower Upper

149 100

91 67.4 56.3 84.5

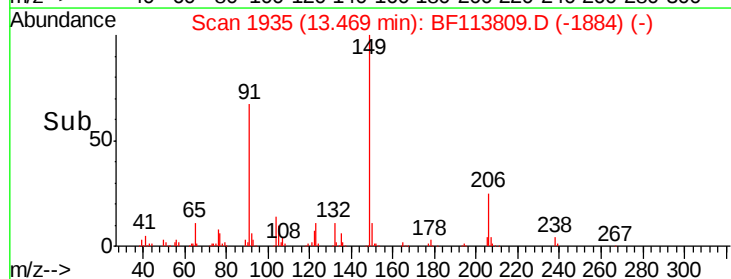
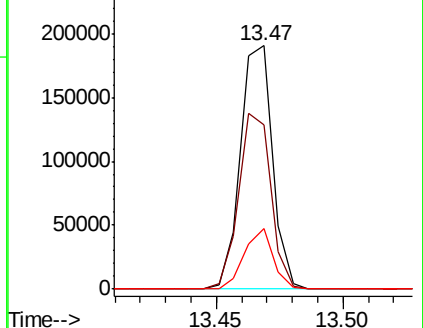
206 24.7 19.0 28.6



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

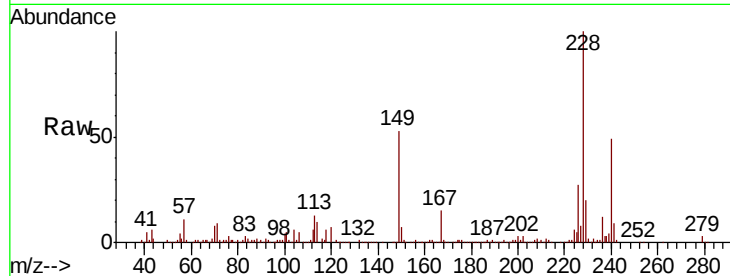




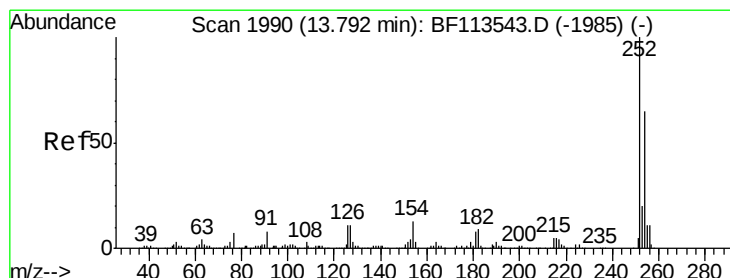
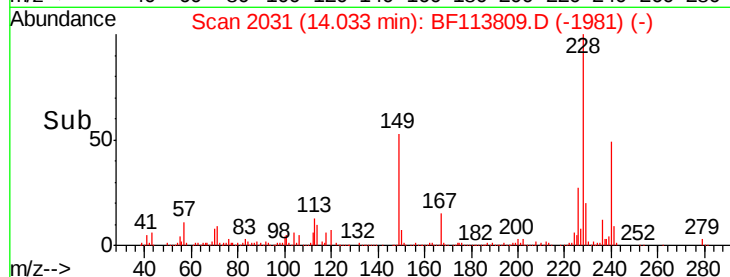
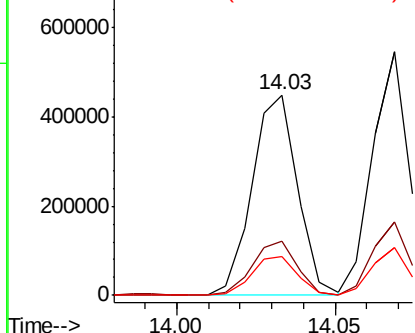
#81
Benzo(a)anthracene
Concen: 11.480 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 448326
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.2
229 19.6 16.0 24.0

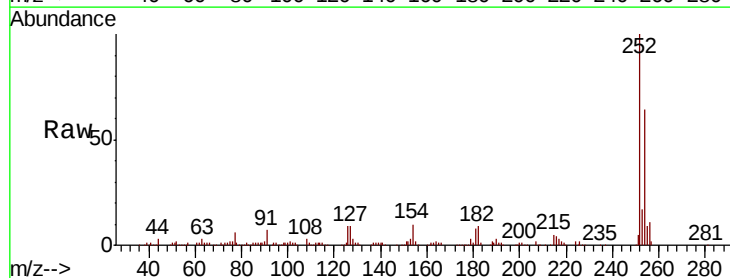


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

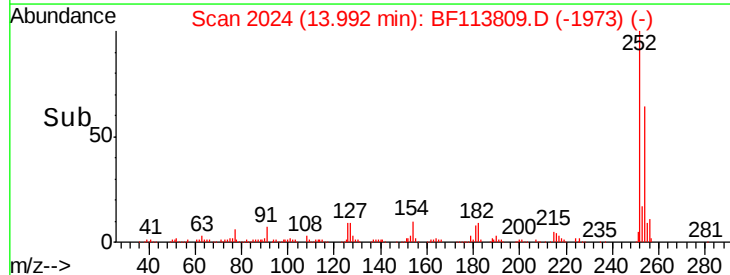
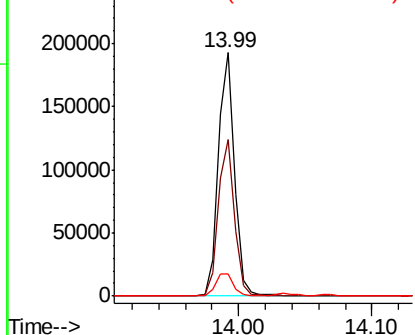


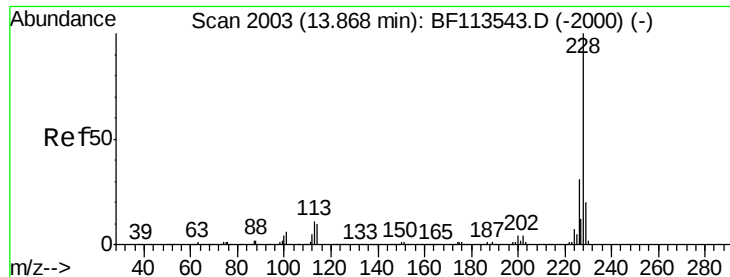
#82
3,3'-Dichlorobenzidine
Concen: 11.014 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:252 Resp: 165669
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 9.0 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: 11.102 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

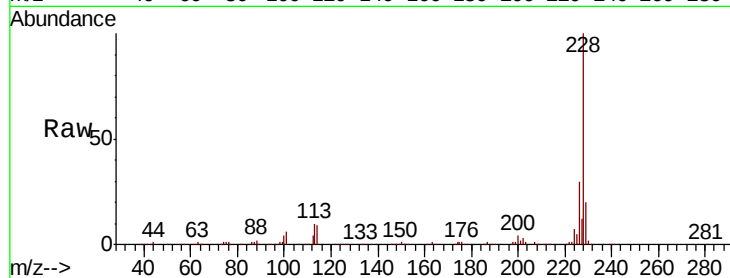
Tot Ion:228 Resp: 439512

Ion Ratio Lower Upper

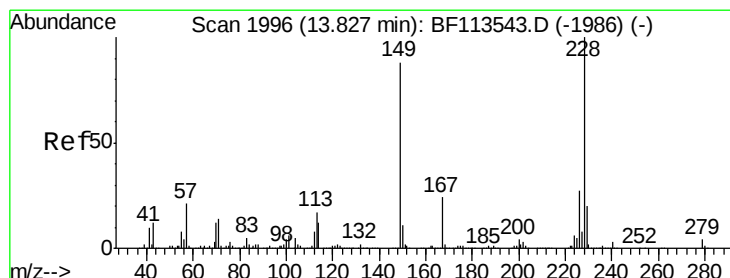
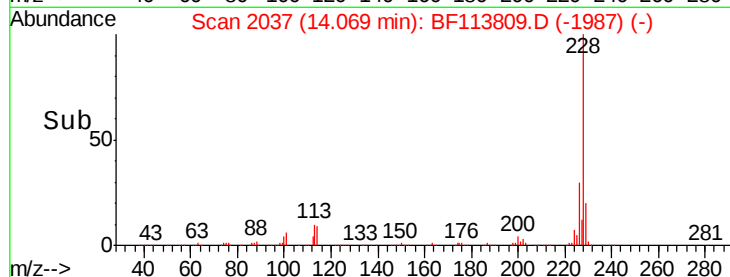
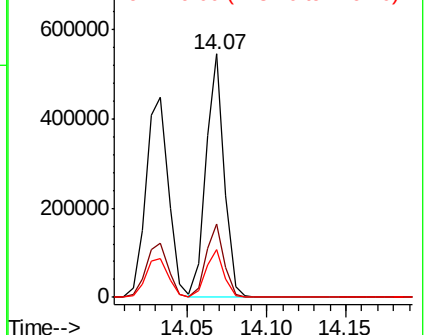
228 100

226 30.0 25.2 37.8

229 19.7 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: 9.233 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

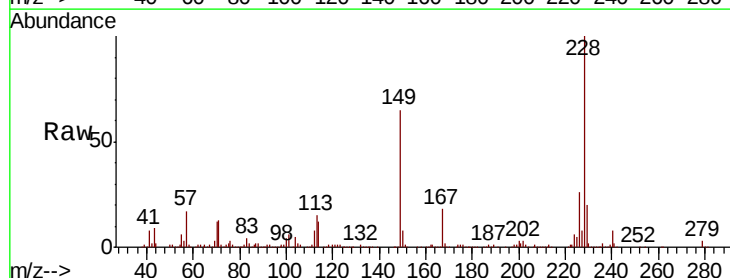
Tgt Ion:149 Resp: 234085

Ion Ratio Lower Upper

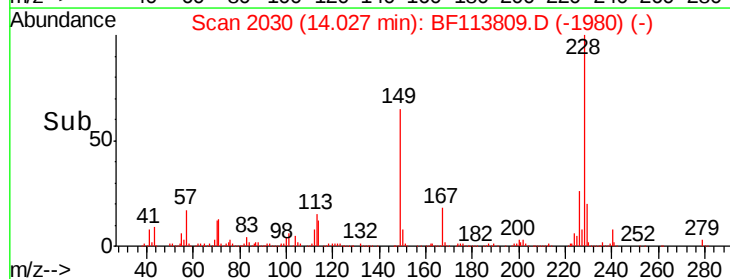
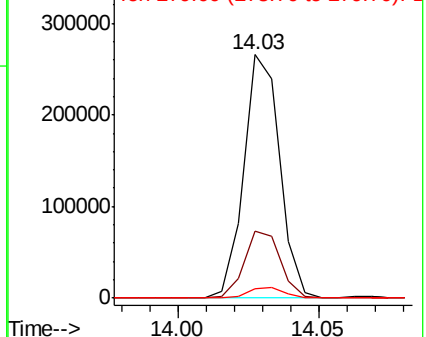
149 100

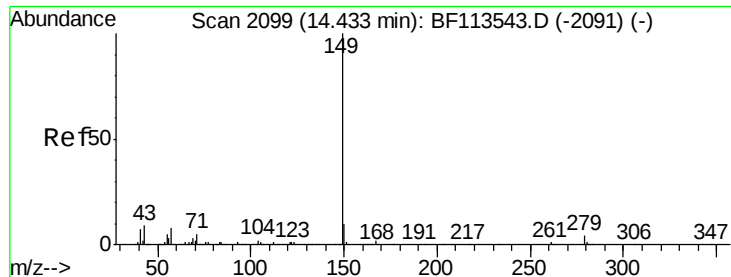
167 27.5 22.9 34.3

279 4.1 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: 8.443 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

Instrument :

BNA_F

ClientSampleId :

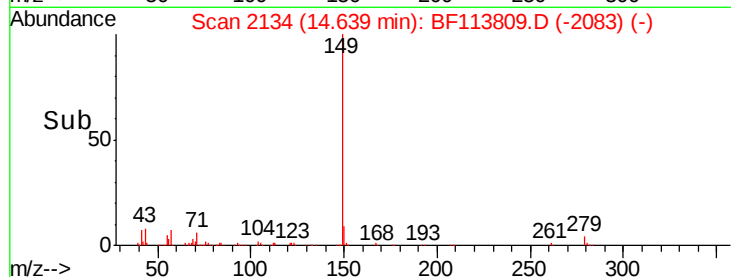
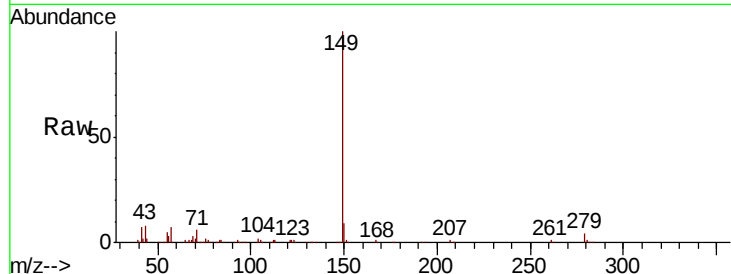
Tot Ion:149 Resp: 347937

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

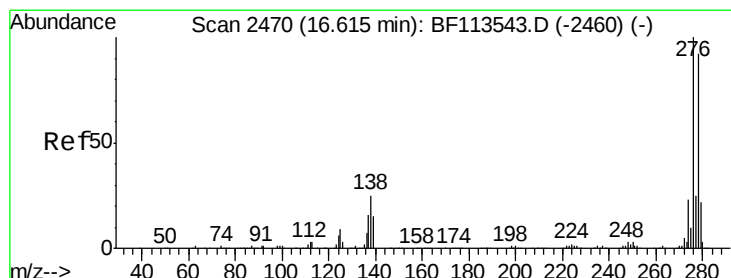
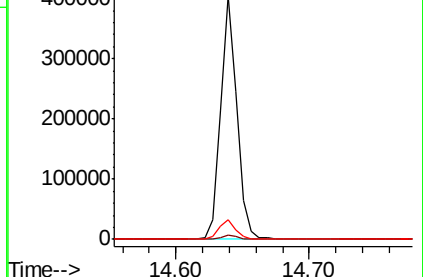
43 8.3 6.6 10.0



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: 8.485 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF113809.D

Acq: 18 Apr 2019 8:08

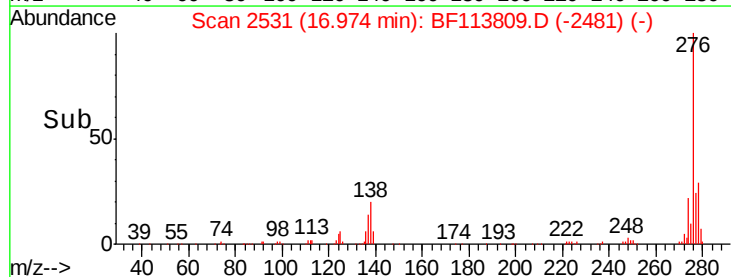
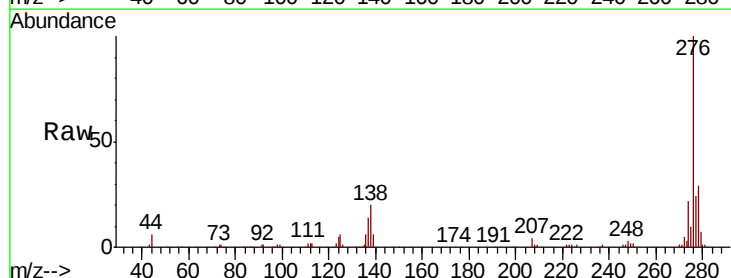
Tgt Ion:276 Resp: 310141

Ion Ratio Lower Upper

276 100

138 24.4 19.6 29.4

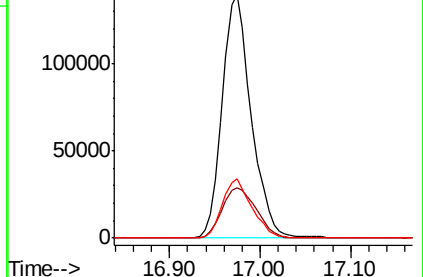
277 24.7 20.2 30.4

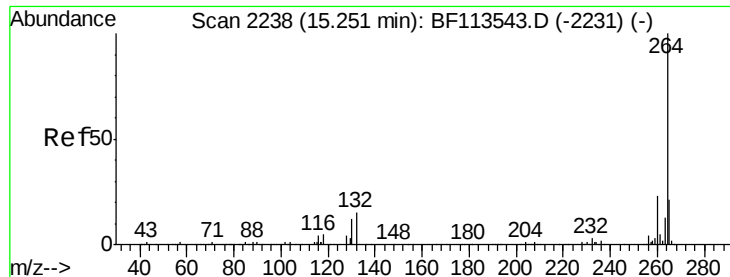


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

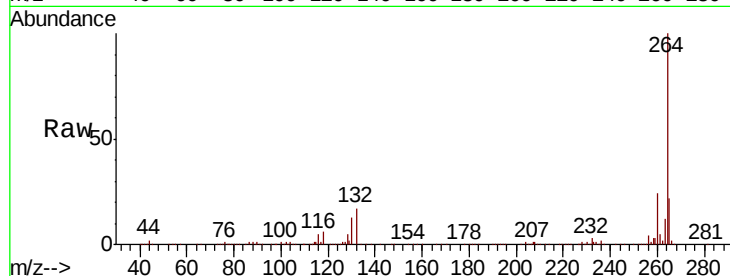




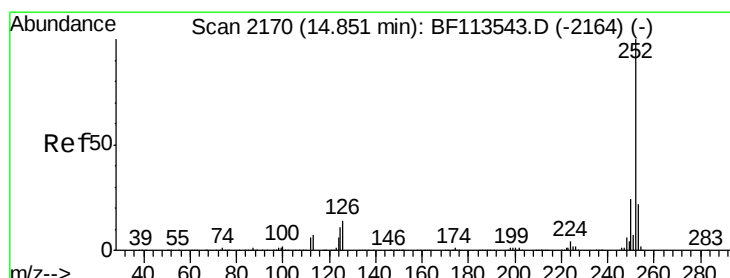
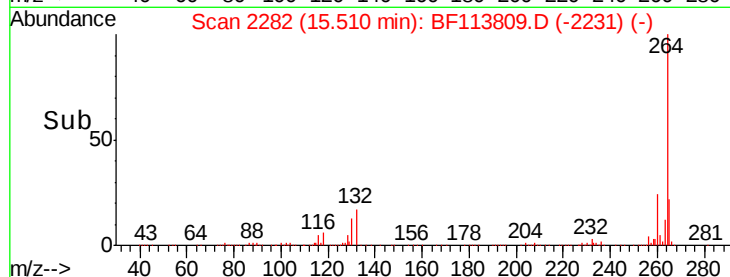
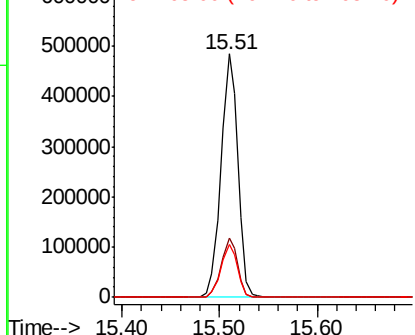
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 580598
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 21.9 17.3 25.9

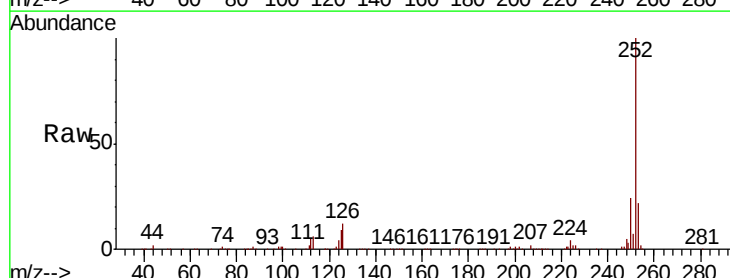


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

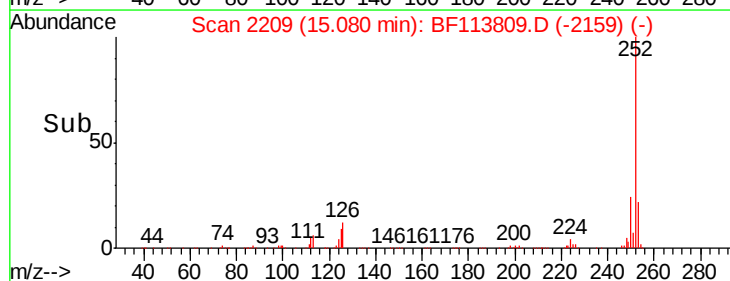
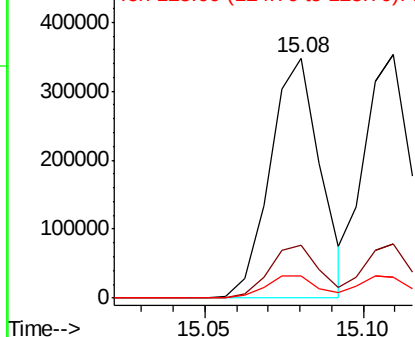


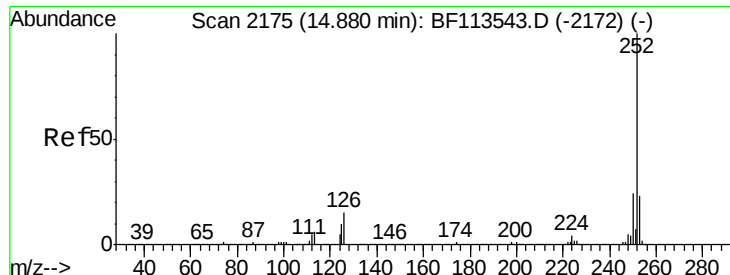
#88
Benzo(b)fluoranthene
Concen: 10.802 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion:252 Resp: 383917
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.1 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

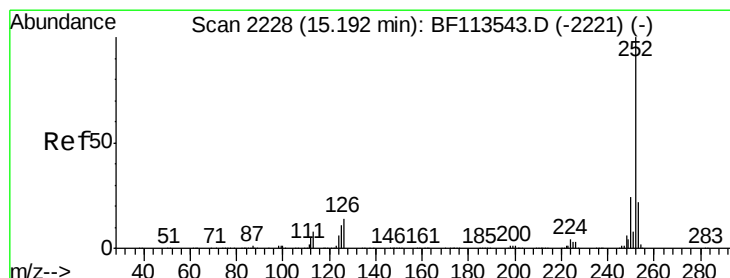
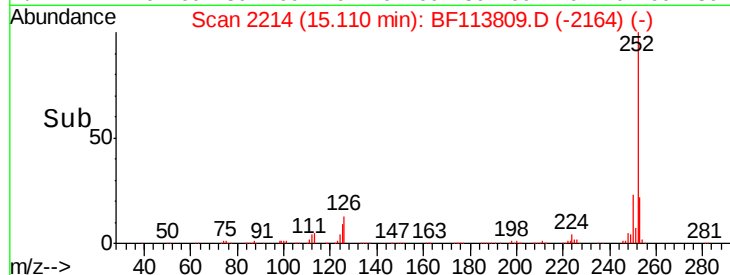
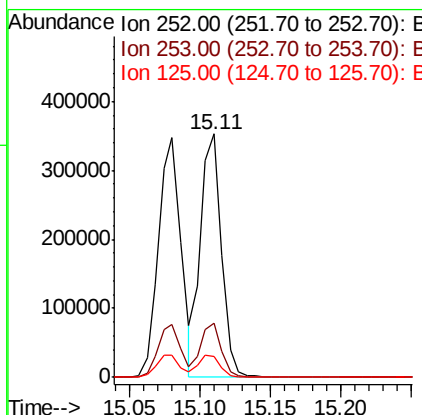
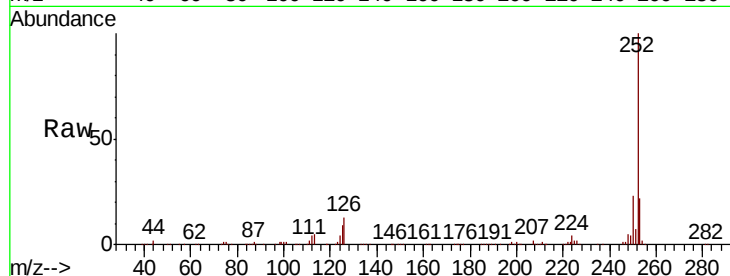




#89
Benzo(k)fluoranthene
Concen: 11.415 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

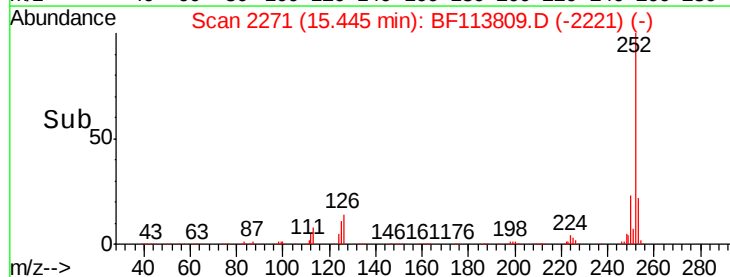
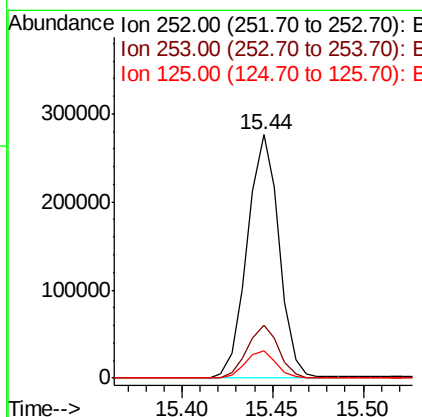
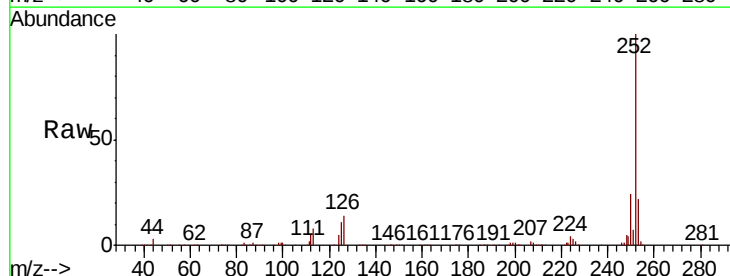
Instrument :
BNA_F
ClientSampleId :

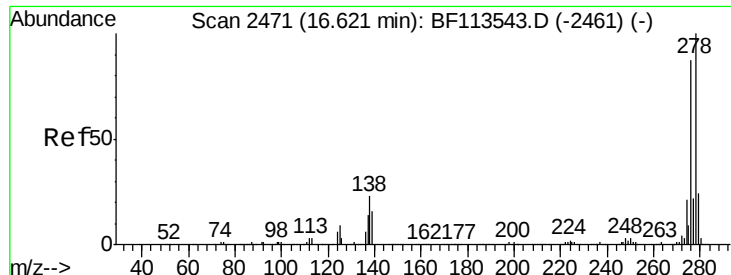
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.8	7.4	11.2



#90
Benzo(a)pyrene
Concen: 10.714 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.2	8.5	12.7

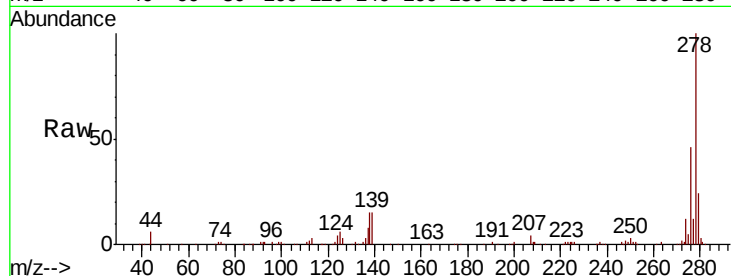




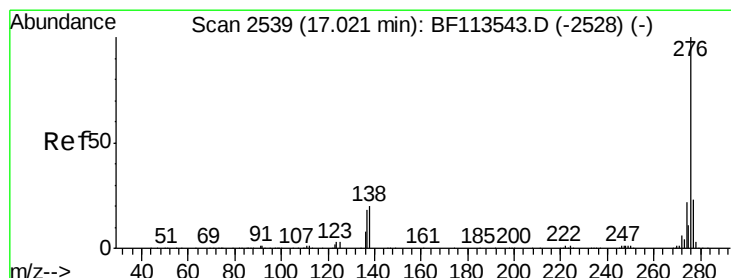
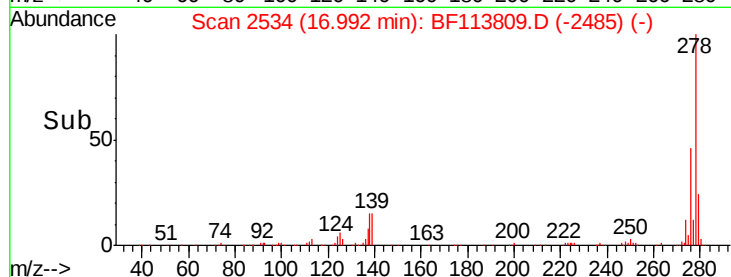
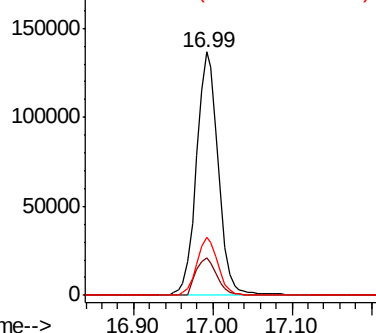
#91
Dibenzo(a,h)anthracene
Concen: 8.786 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	23.7	19.0	28.6

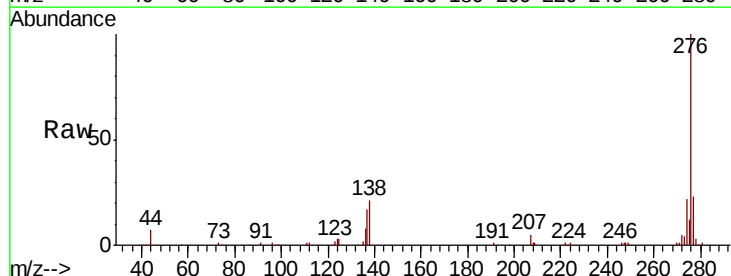


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.086 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF113809.D
Acq: 18 Apr 2019 8:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.7	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

