

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113842.D
 Acq On : 19 Apr 2019 4:11
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 04:57:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149972	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	516963	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	232009	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	481768	20.00	ng	0.00
76) Chrysene-d12	14.05	240	529509	20.00	ng	0.00
87) Perylene-d12	15.52	264	402971	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	783219	86.84	ng	0.00
7) Phenol-d6	6.52	99	902430	80.23	ng	0.00
23) Nitrobenzene-d5	7.46	82	751306	88.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	233547	91.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1306564	85.88	ng	0.00
79) Terphenyl-d14	13.00	244	1809046	71.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	194526	43.344	ng	99
3) Pyridine	3.43	79	526285	42.620	ng	98
4) n-Nitrosodimethylamine	3.37	42	180194	41.811	ng	99
6) Aniline	6.56	93	609069	38.159	ng	99
8) 2-Chlorophenol	6.68	128	414043	40.903	ng	98
9) Benzaldehyde	6.45	77	274813	43.228	ng	96
10) Phenol	6.53	94	508529	40.331	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	409887	40.045	ng	99
12) 1,3-Dichlorobenzene	6.84	146	462629	41.135	ng	99
13) 1,4-Dichlorobenzene	6.92	146	468976	41.680	ng	99
14) 1,2-Dichlorobenzene	7.07	146	429556	41.426	ng	98
15) Benzyl Alcohol	7.03	79	347645	38.153	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	478781	38.563	ng	99
17) 2-Methylphenol	7.14	107	315731	38.185	ng	99
18) Hexachloroethane	7.42	117	143196	35.487	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	271827	36.206	ng	96
20) 3+4-Methylphenols	7.29	107	391384	39.396	ng	94
22) Acetophenone	7.30	105	508388	43.163	ng	99
24) Nitrobenzene	7.47	77	408231	42.787	ng	99
25) Isophorone	7.72	82	700733	39.867	ng	100
26) 2-Nitrophenol	7.79	139	165329	43.619	ng	99
27) 2,4-Dimethylphenol	7.83	122	278006	38.416	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	460780	41.254	ng	99
29) 2,4-Dichlorophenol	8.03	162	311194	40.358	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	358441	41.849	ng	99
31) Naphthalene	8.20	128	1020175	41.721	ng	99
32) Benzoic acid	7.92	122	157248	34.687	ng	97
33) 4-Chloroaniline	8.25	127	415879	40.091	ng	96
34) Hexachlorobutadiene	8.33	225	232026	44.339	ng	97
35) Caprolactam	8.60	113	91148	36.619	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	284549	37.216	ng	99
37) 2-Methylnaphthalene	8.89	142	629787	38.819	ng	99
38) 1-Methylnaphthalene	8.99	142	610651	38.789	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	330232	44.852	ng	99

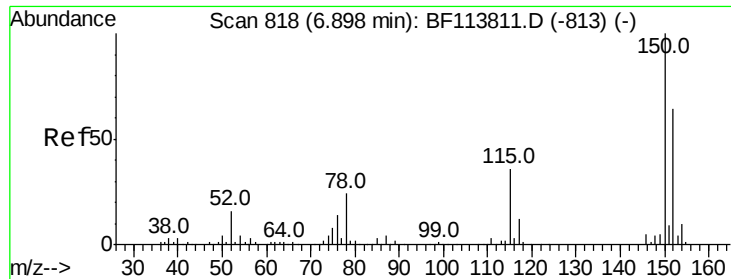
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113842.D
 Acq On : 19 Apr 2019 4:11
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 04:57:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	33877	8.370	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	200213	42.245	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	220439	43.100	ng	95
46) 1,1'-Biphenyl	9.36	154	771725	43.957	ng	98
47) 2-Chloronaphthalene	9.38	162	614642	42.767	ng	99
48) 2-Nitroaniline	9.46	65	171127	45.758	ng	99
49) Acenaphthylene	9.79	152	968024	43.064	ng	98
50) Dimethylphthalate	9.65	163	708466	43.634	ng	99
51) 2,6-Dinitrotoluene	9.70	165	143730	40.111	ng	# 88
52) Acenaphthene	9.97	154	537115	40.736	ng	97
53) 3-Nitroaniline	9.87	138	173756	45.794	ng	95
54) 2,4-Dinitrophenol	9.97	184	6014	12.902	ng	# 1
55) Dibenzofuran	10.14	168	838586	42.457	ng	99
56) 4-Nitrophenol	10.02	139	131624	42.627	ng	99
57) 2,4-Dinitrotoluene	10.11	165	176734	39.755	ng	98
58) Fluorene	10.48	166	629138	42.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	186246	42.674	ng	100
60) Diethylphthalate	10.35	149	667681	42.907	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	329589	43.683	ng	95
62) 4-Nitroaniline	10.48	138	174252	47.742	ng	96
63) Azobenzene	10.63	77	648632	40.564	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	12839	12.445	ng	99
66) n-Nitrosodiphenylamine	10.59	169	565021	38.690	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	221280	39.113	ng	94
68) Hexachlorobenzene	11.03	284	253045	40.671	ng	94
69) Atrazine	11.11	200	170891	37.822	ng	99
70) Pentachlorophenol	11.22	266	156210	44.288	ng	97
71) Phenanthrene	11.44	178	1029526	41.958	ng	100
72) Anthracene	11.49	178	1038495	42.001	ng	100
73) Carbazole	11.64	167	966743	43.064	ng	99
74) Di-n-butylphthalate	11.97	149	1094308	43.799	ng	100
75) Fluoranthene	12.63	202	1236475	47.549	ng	98
77) Benzidine	12.74	184	773232	56.119	ng	99
78) Pyrene	12.86	202	1271432	34.070	ng	99
80) Butylbenzylphthalate	13.47	149	532439	38.516	ng	98
81) Benzo(a)anthracene	14.04	228	1226162	39.614	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	535656	48.690	ng	98
83) Chrysene	14.08	228	1214857	39.543	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	725446	43.866	ng	100
85) Di-n-octyl phthalate	14.64	149	1303786	50.811	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	891006	35.526	ng	99
88) Benzo(b)fluoranthene	15.09	252	1049515	41.778	ng	100
89) Benzo(k)fluoranthene	15.12	252	971899	42.477	ng	100
90) Benzo(a)pyrene	15.46	252	899198	40.481	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	750543	37.974	ng	99
92) Benzo(g,h,i)perylene	17.44	276	696265	34.659	ng	99

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

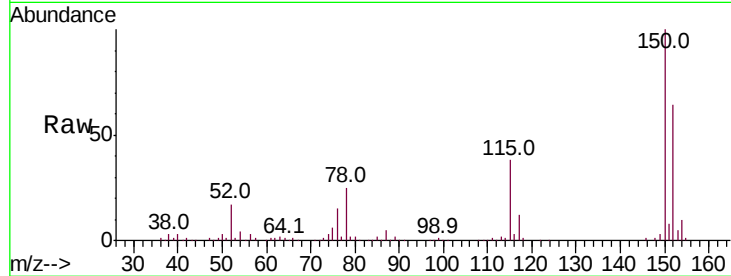


#1

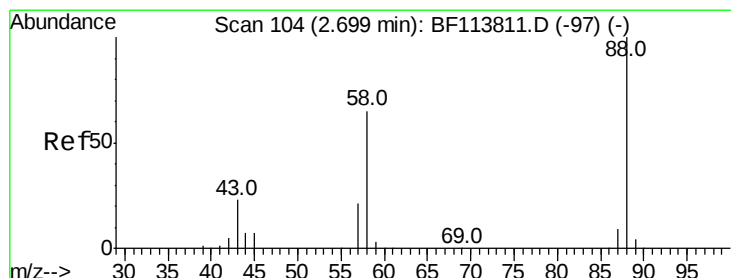
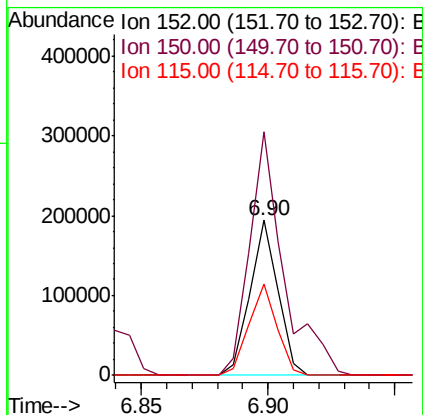
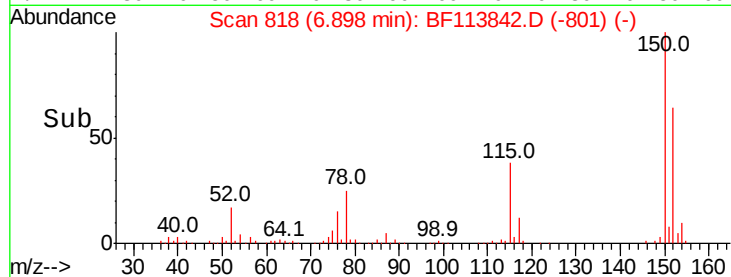
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149972
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 59.1 45.9 68.9



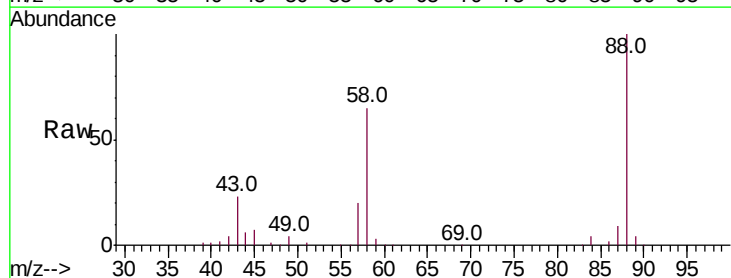
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



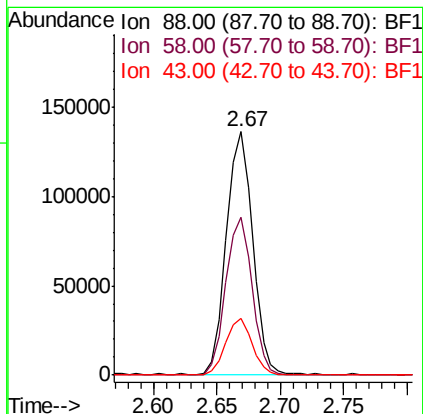
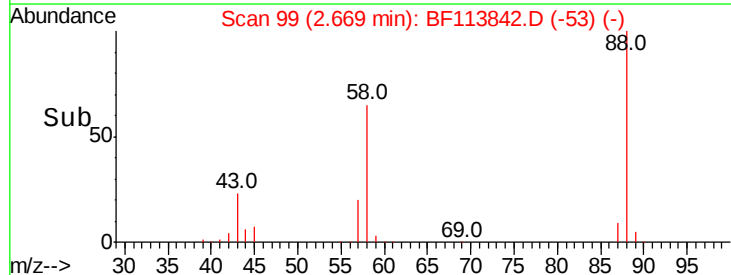
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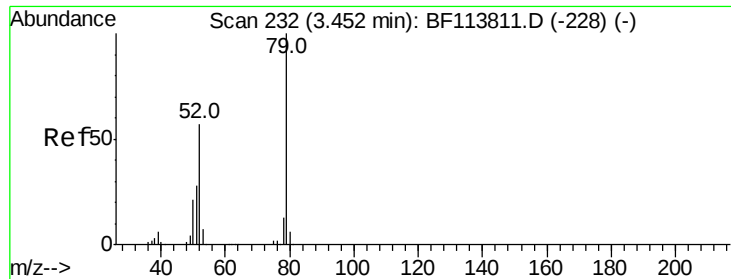
1,4-Dioxane
Concen: 43.344 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.03 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion: 88 Resp: 194526
Ion Ratio Lower Upper
88 100
58 65.1 53.3 79.9
43 23.7 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: 42.620 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.02 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

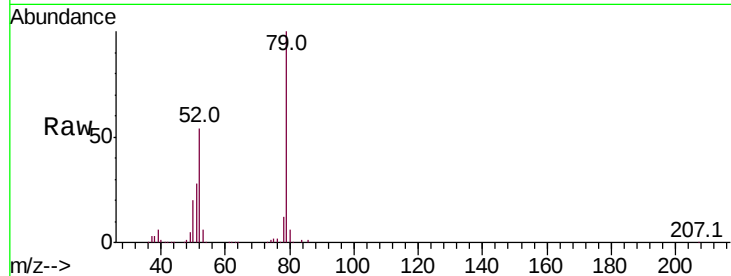
Tot Ion: 79 Resp: 526285

Ion Ratio Lower Upper

79 100

52 54.1 45.3 67.9

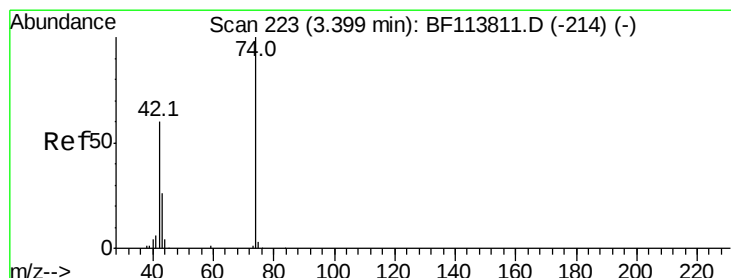
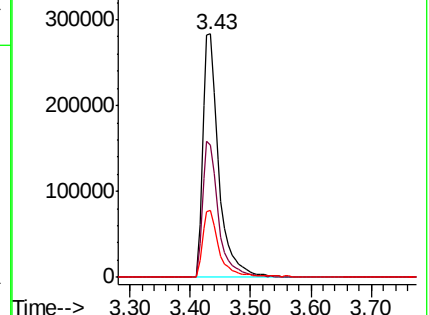
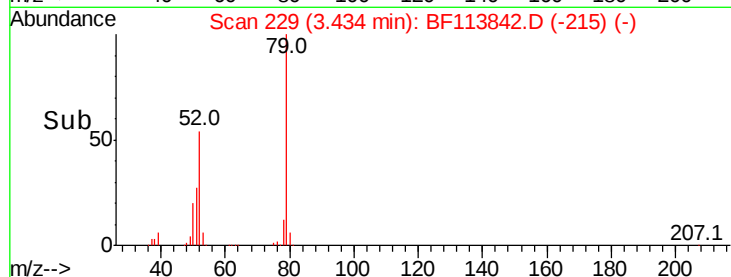
51 27.6 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.811 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.02 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

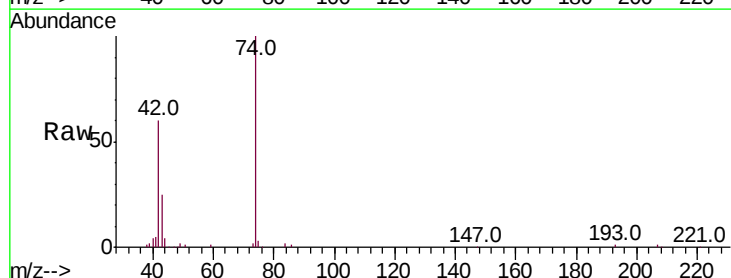
Tgt Ion: 42 Resp: 180194

Ion Ratio Lower Upper

42 100

74 166.3 132.6 198.8

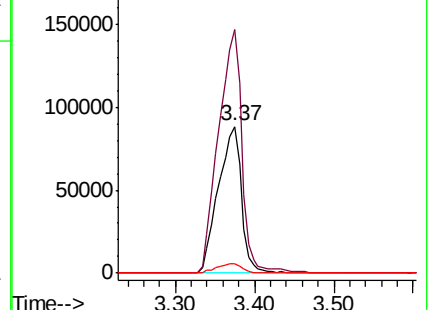
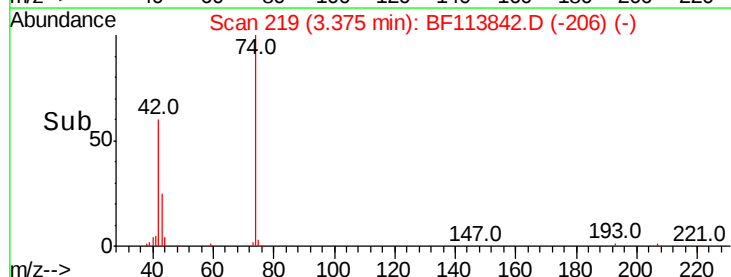
44 6.3 5.8 8.8

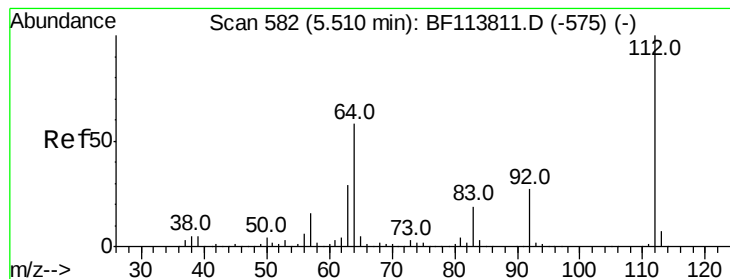


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.837 ng

RT: 5.52 min Scan# 583

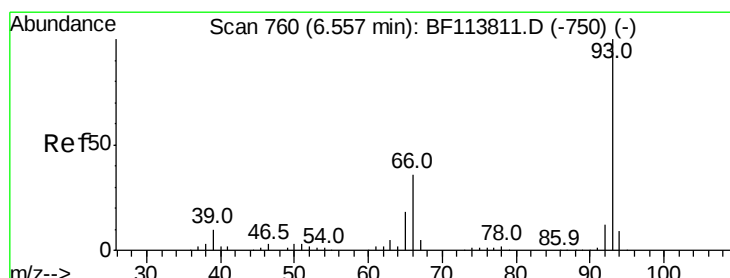
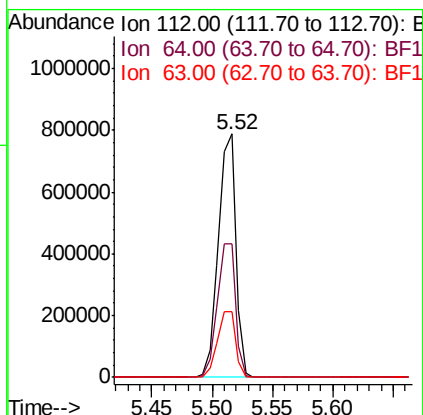
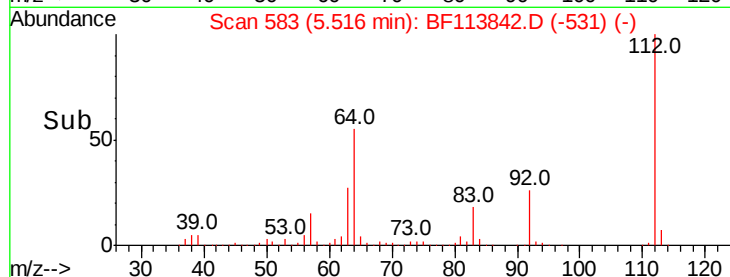
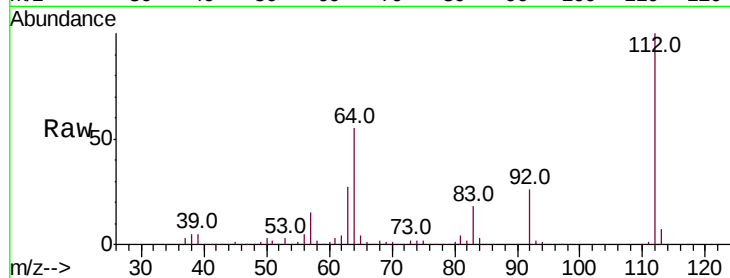
Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	783219
Ion Ratio	Lower	Upper	
112	100		
64	54.8	46.6	69.8
63	27.1	23.1	34.7



#6

Aniline

Concen: 38.159 ng

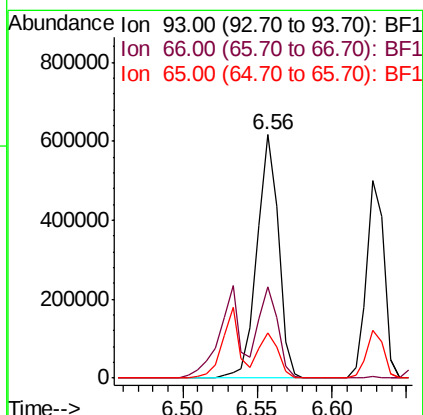
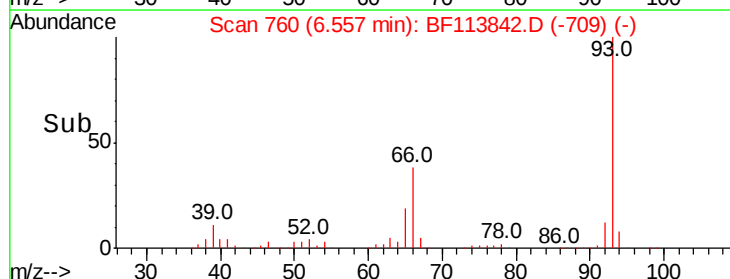
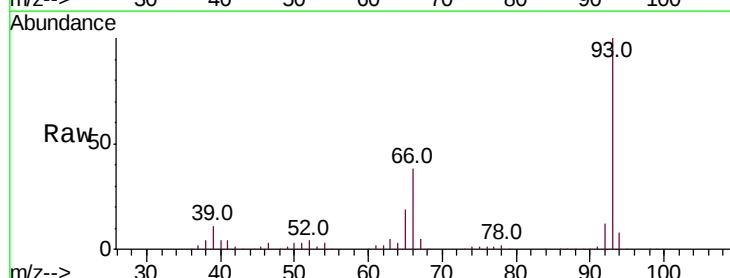
RT: 6.56 min Scan# 760

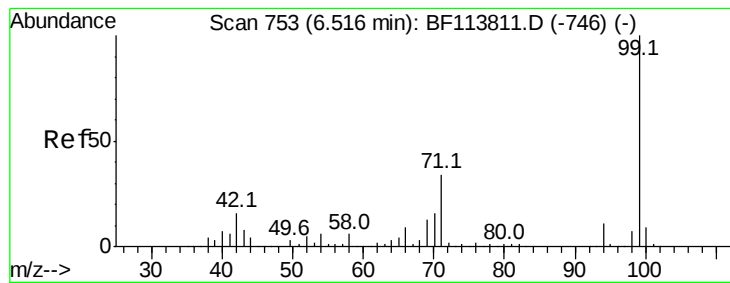
Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Tgt Ion:	93	Resp:	609069
Ion Ratio	Lower	Upper	
93	100		
66	37.7	29.8	44.6
65	18.8	14.9	22.3





#7

Phenol-d6

Concen: 80.231 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampled :

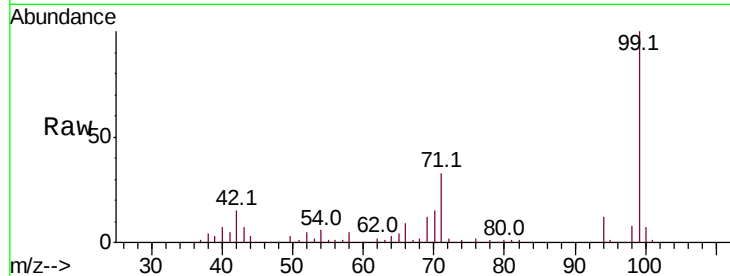
Tot Ion: 99 Resp: 902430

Ion Ratio Lower Upper

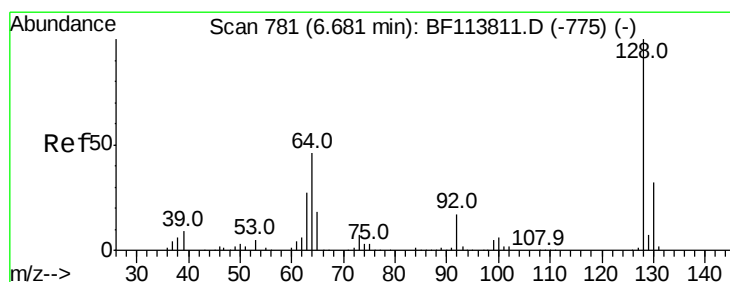
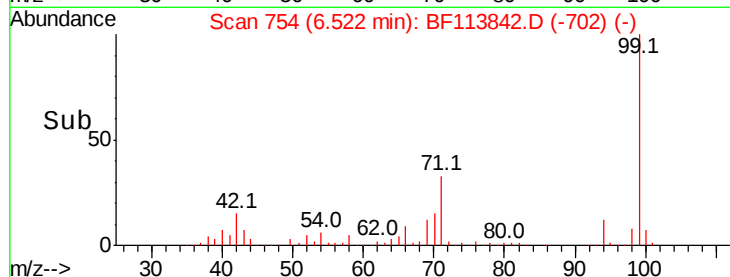
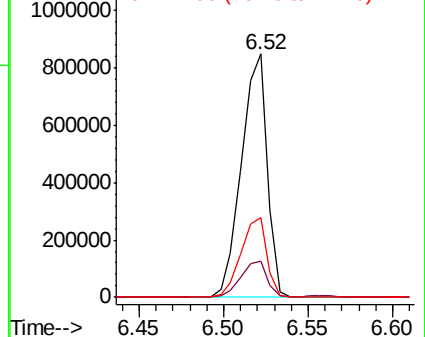
99 100

42 15.1 12.5 18.7

71 32.7 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: 40.903 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

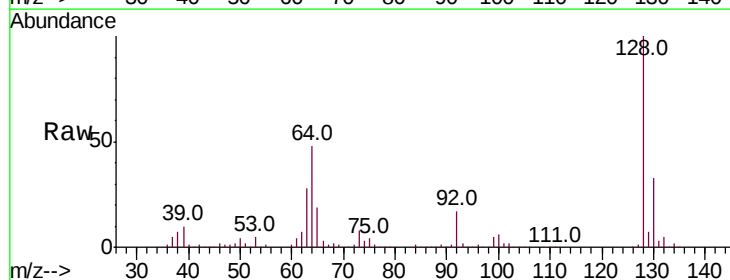
Tgt Ion: 128 Resp: 414043

Ion Ratio Lower Upper

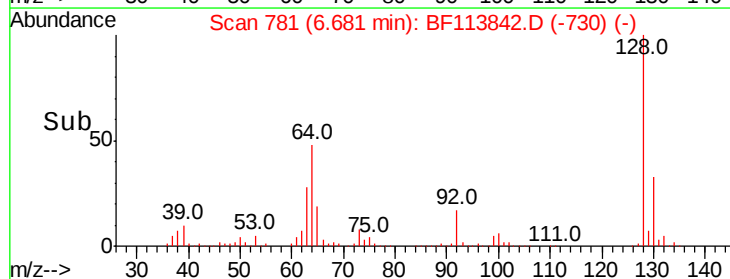
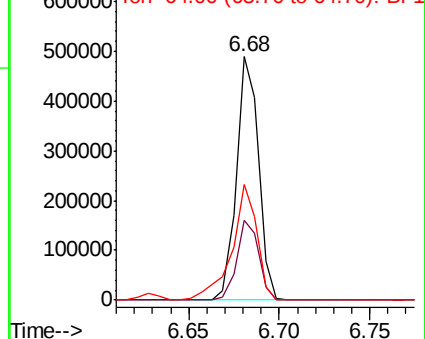
128 100

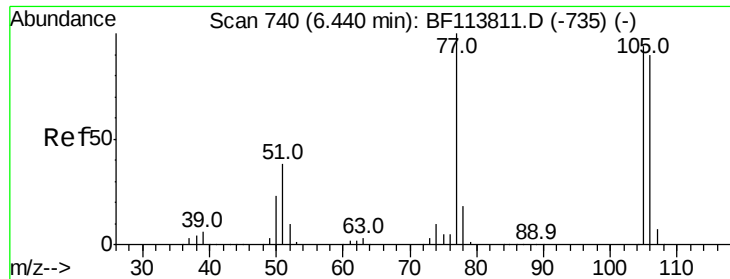
130 32.7 12.3 52.3

64 47.7 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: 43.228 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

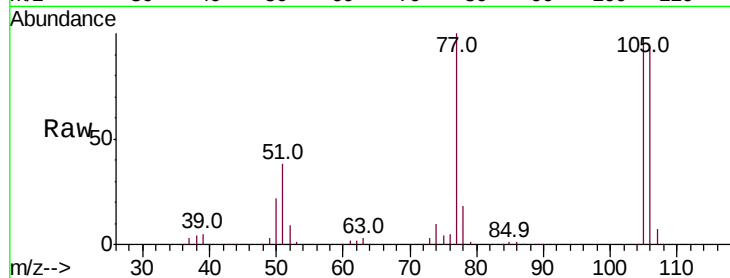
Tot Ion: 77 Resp: 274813

Ion Ratio Lower Upper

77 100

105 98.0 74.1 114.1

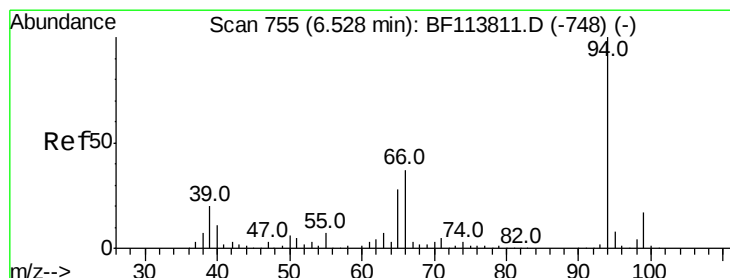
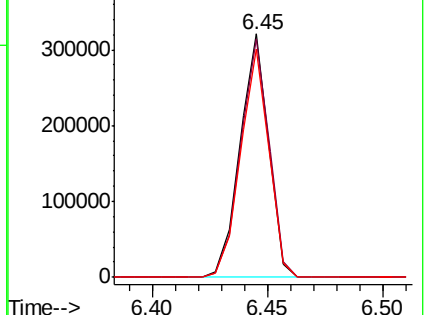
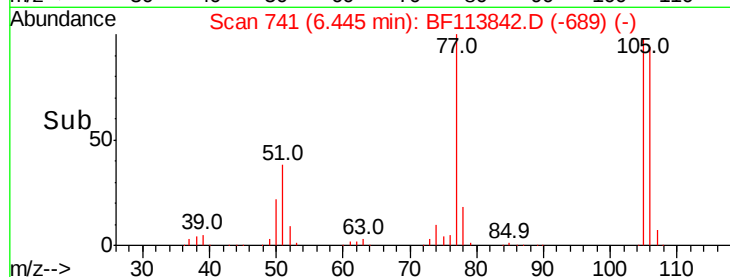
106 93.9 70.3 110.3



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: 40.331 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

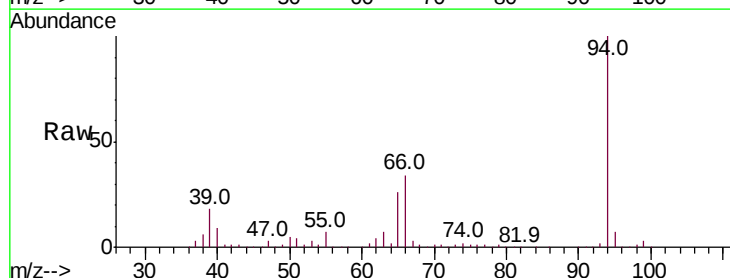
Tgt Ion: 94 Resp: 508529

Ion Ratio Lower Upper

94 100

65 26.4 8.1 48.1

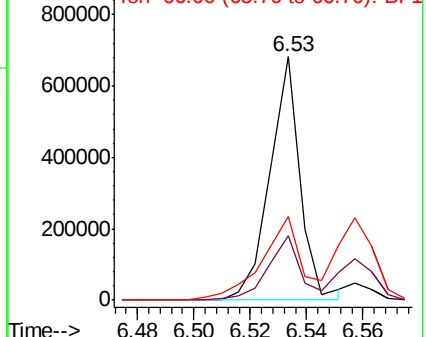
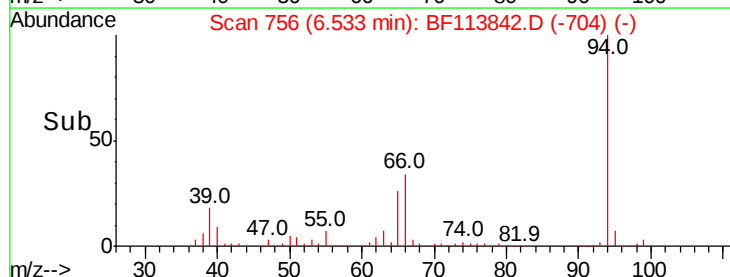
66 34.3 16.6 56.6

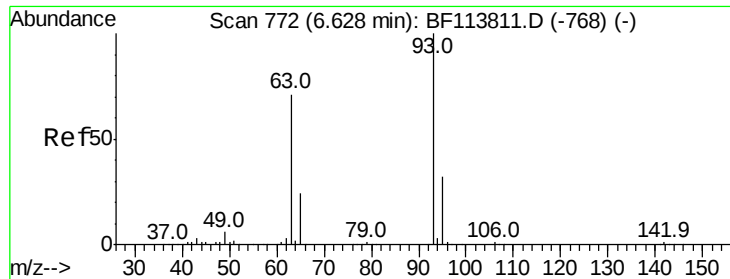


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

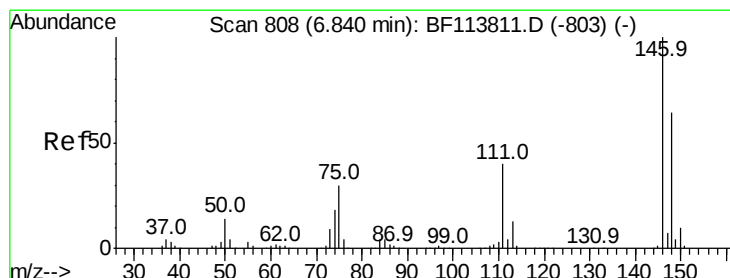
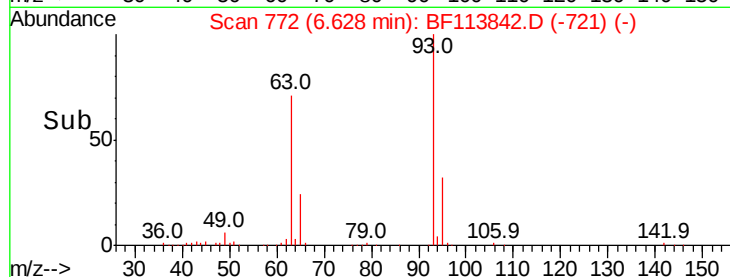
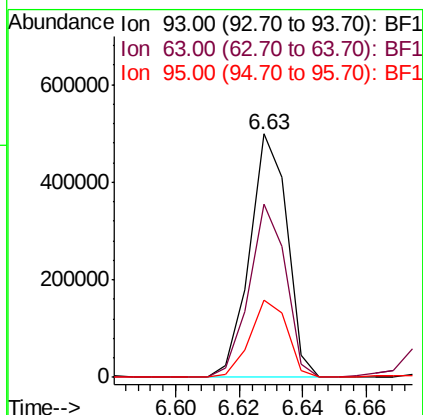
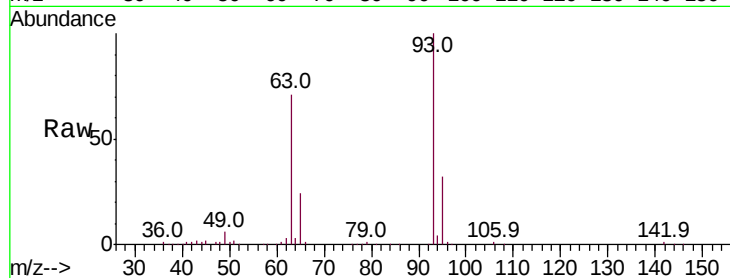




#11
bis(2-Chloroethyl)ether
Concen: 40.045 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

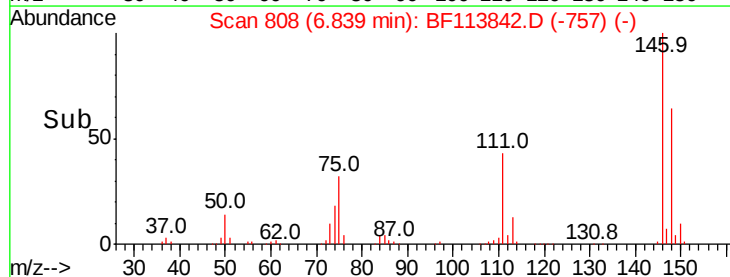
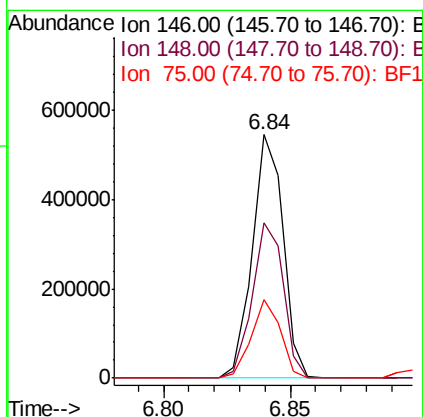
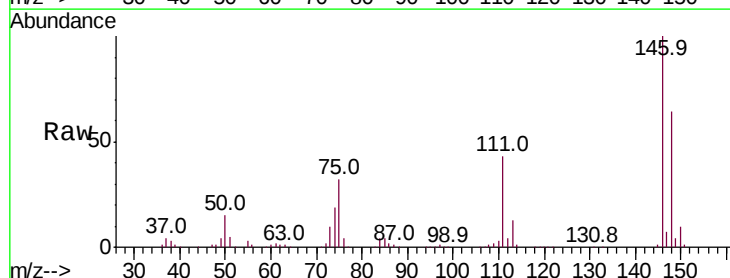
Instrument :
BNA_F
ClientSampleId :

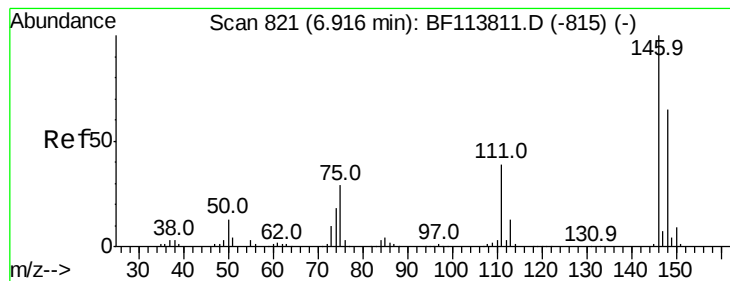
Tot Ion: 93 Resp: 409887
Ion Ratio Lower Upper
93 100
63 71.1 50.7 90.7
95 31.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.135 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion: 146 Resp: 462629
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
75 32.1 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 41.680 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

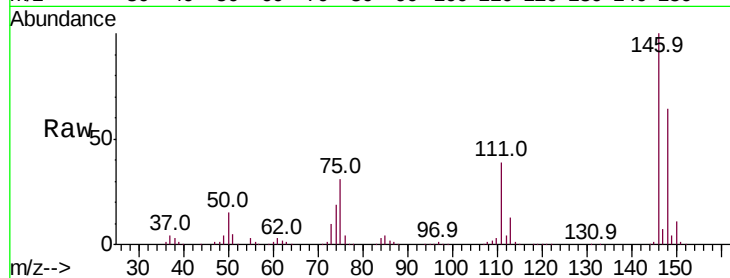
Tot Ion:146 Resp: 468976

Ion Ratio Lower Upper

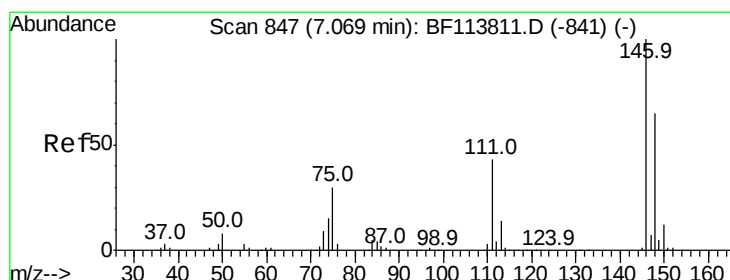
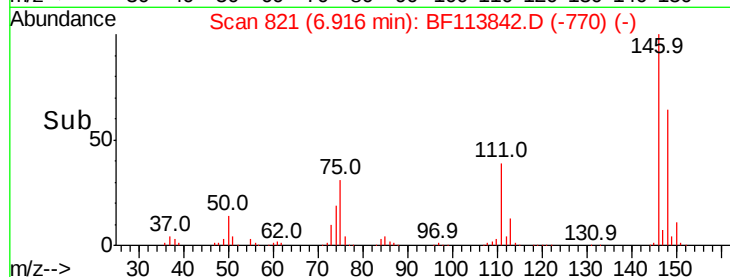
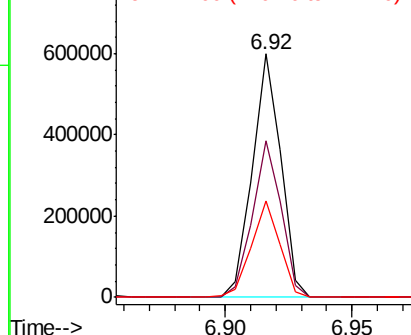
146 100

148 64.3 51.8 77.8

111 39.4 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
800000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.426 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

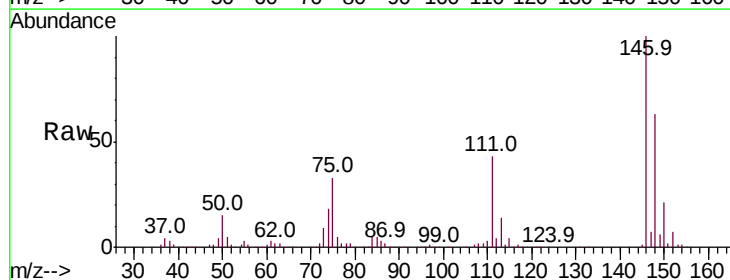
Tgt Ion:146 Resp: 429556

Ion Ratio Lower Upper

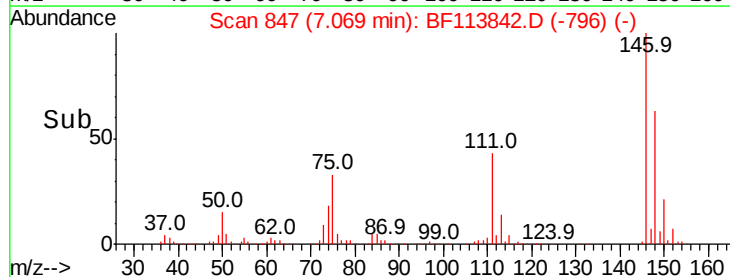
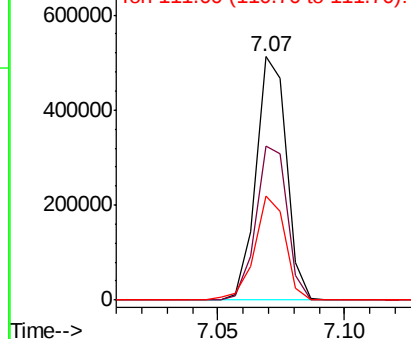
146 100

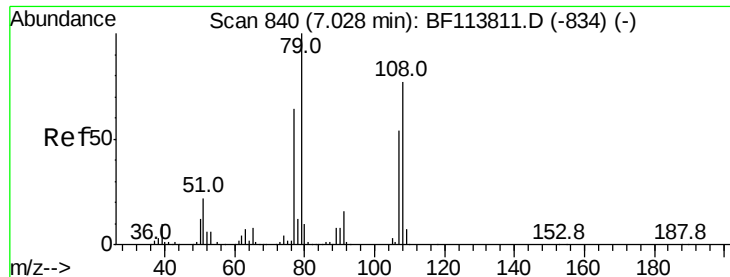
148 63.2 52.1 78.1

111 42.6 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
600000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.153 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

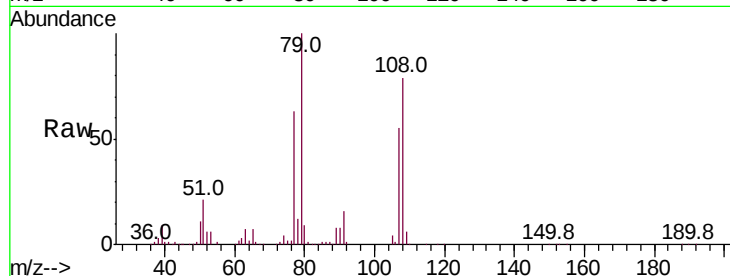
Tot Ion: 79 Resp: 347645

Ion Ratio Lower Upper

79 100

108 79.4 61.4 92.0

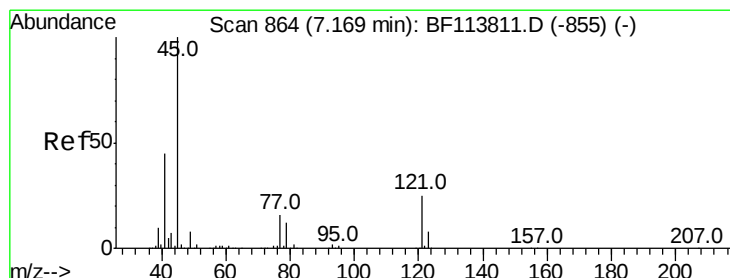
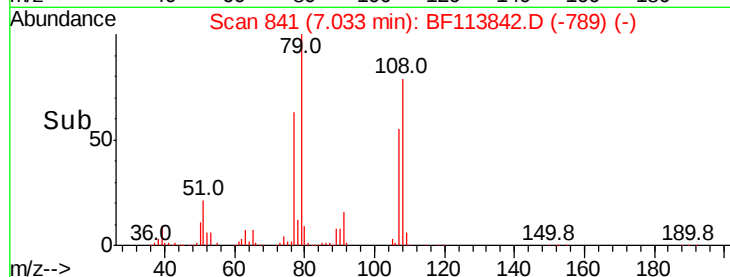
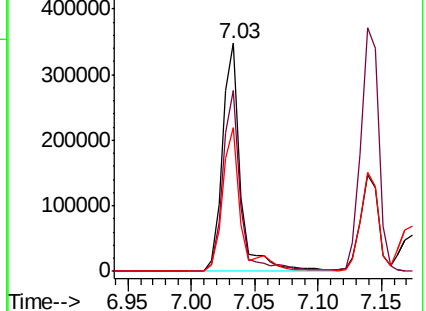
77 62.8 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.563 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

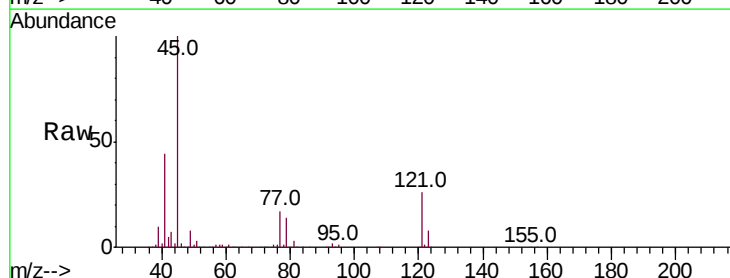
Tgt Ion: 45 Resp: 478781

Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.0

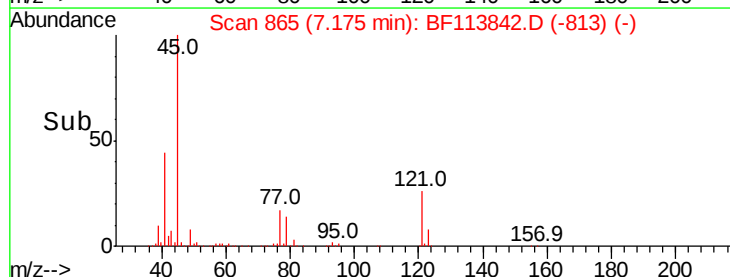
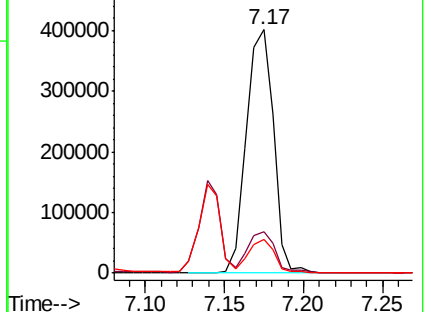
79 13.7 0.0 32.7

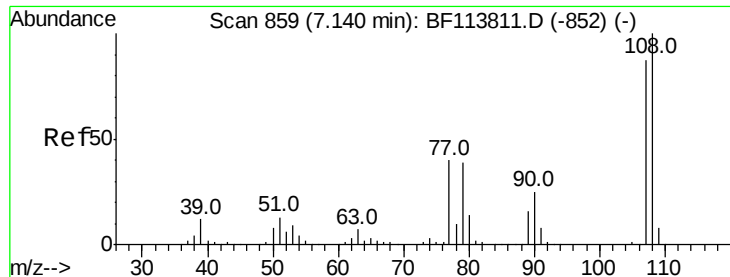


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

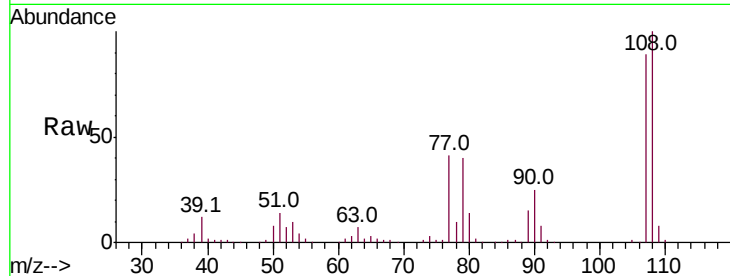




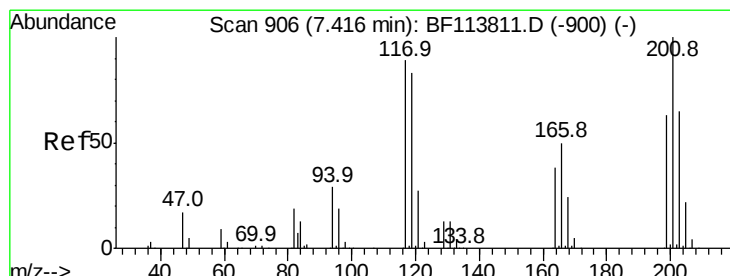
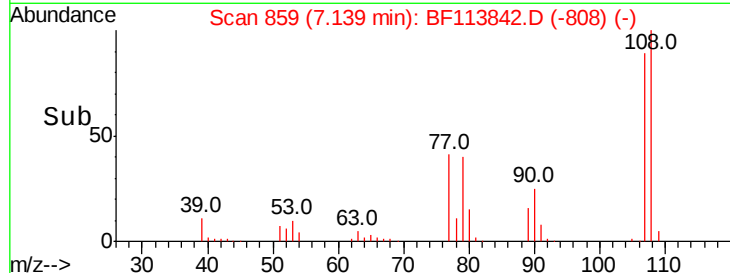
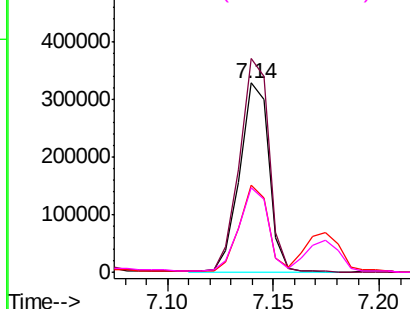
#17
2-Methylphenol
Concen: 38.185 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	315731
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.5	137.3
77	46.2	36.2	54.4
79	44.7	35.4	53.0

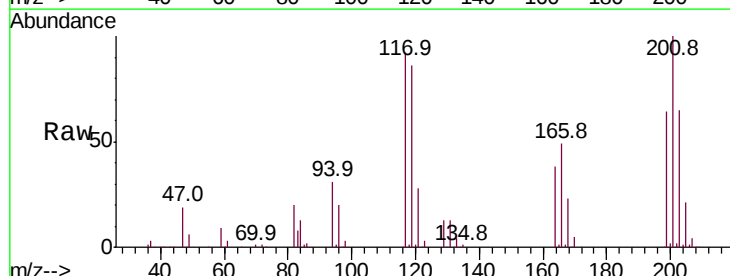


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

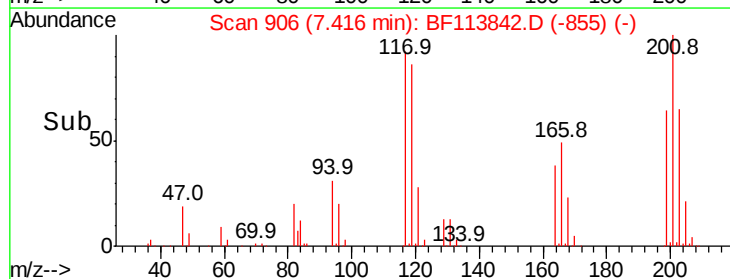
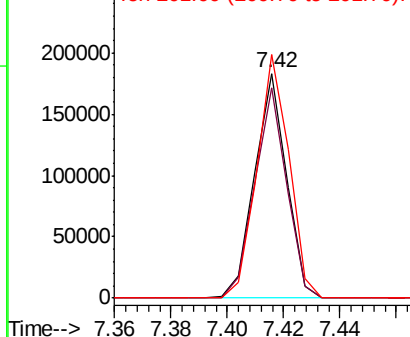


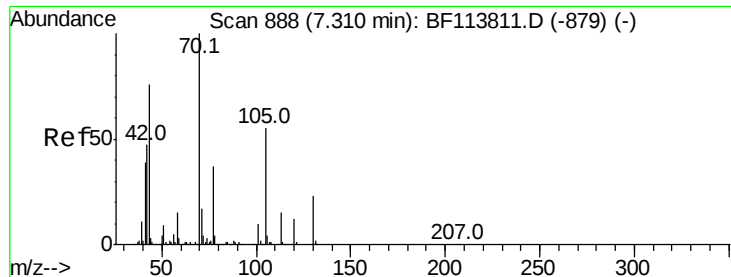
#18
Hexachloroethane
Concen: 35.487 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:	117	Resp:	143196
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.4	111.6
201	108.3	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

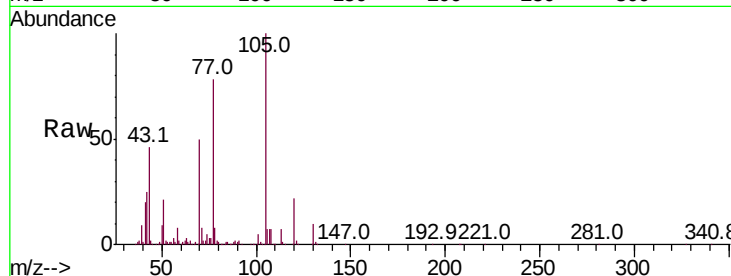




#19
n-Nitroso-di-n-propylamine
Concen: 36.206 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	271827
Ion	Ratio	Lower	Upper
70	100		
42	49.3	37.3	55.9
101	9.1	7.8	11.8
130	21.0	18.2	27.2



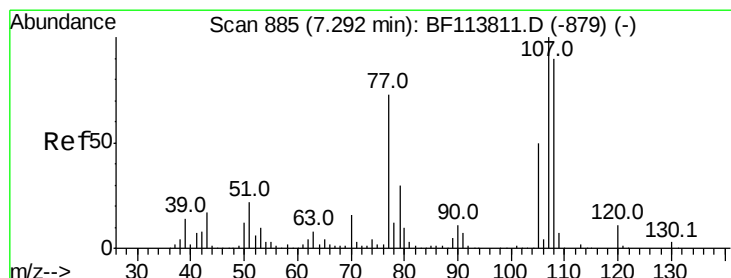
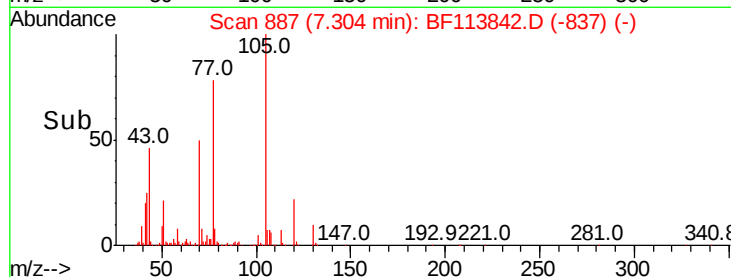
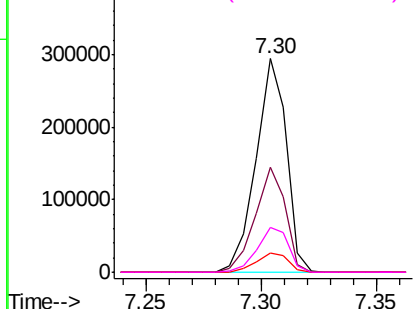
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

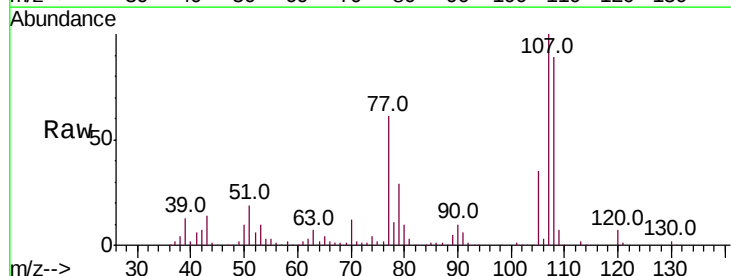
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.396 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:	107	Resp:	391384
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.1	110.1
77	61.3	52.9	92.9
79	29.0	10.2	50.2



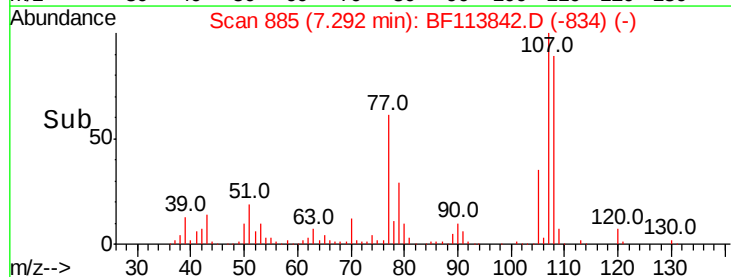
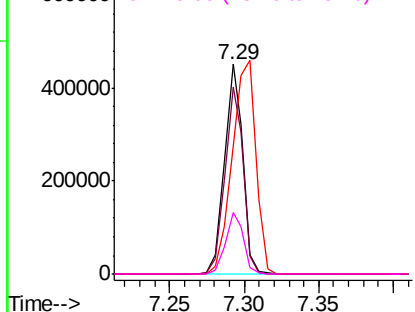
Abundance

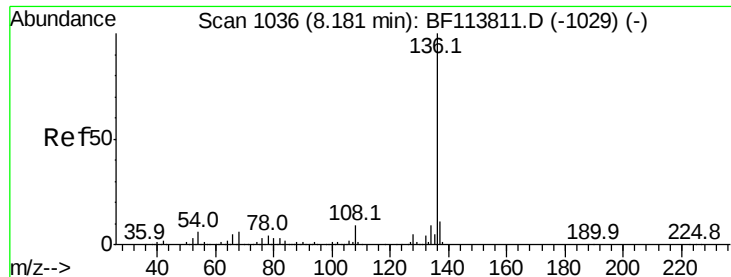
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

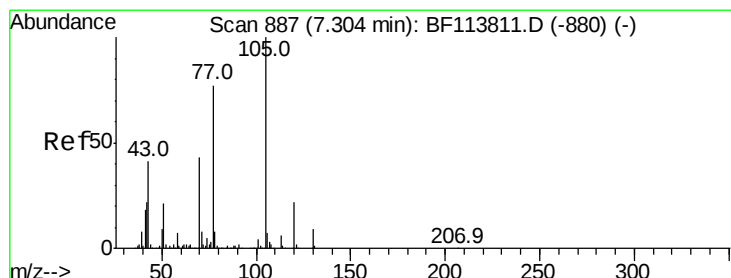
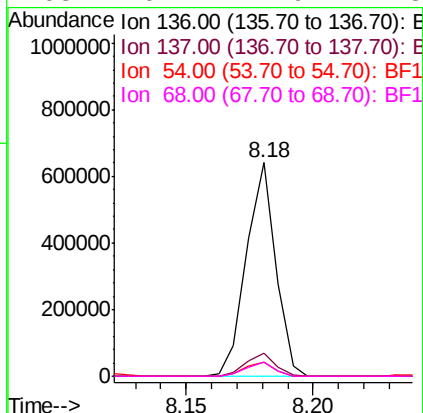
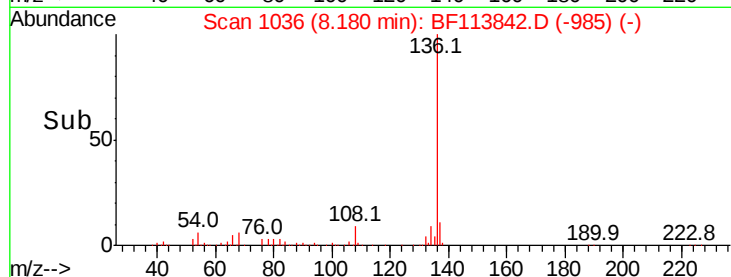
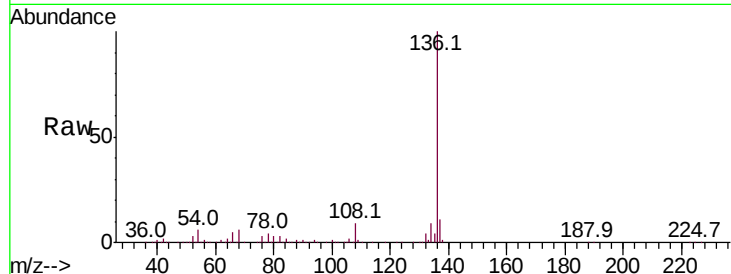




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

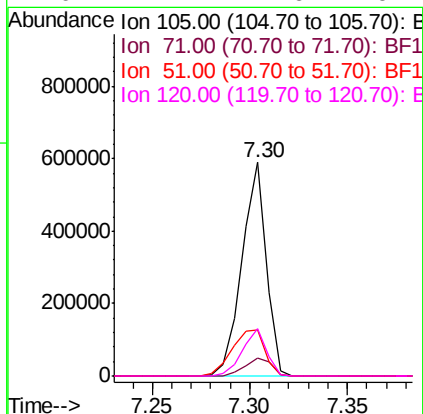
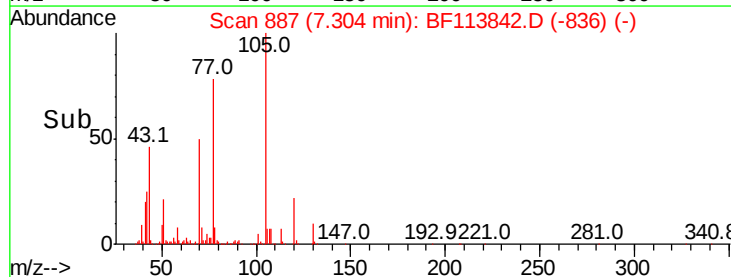
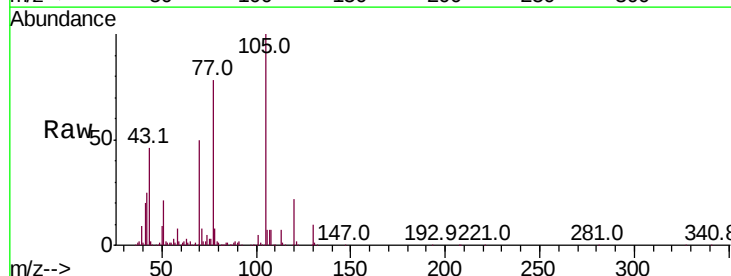
Instrument :
BNA_F
ClientSampleId :

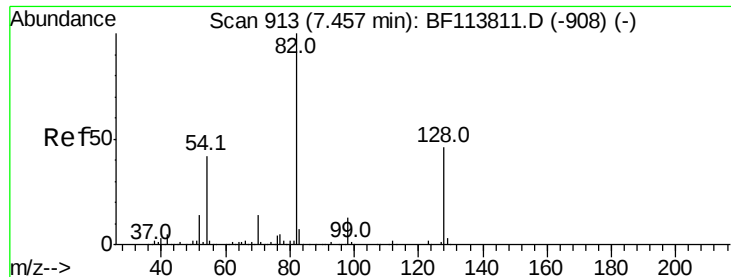
Tot Ion:136	Resp: 516963
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 12.8
54 6.5	5.0 7.6
68 6.4	4.9 7.3



#22
Acetophenone
Concen: 43.163 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:105	Resp: 508388
Ion Ratio	Lower Upper
105 100	
71 8.3	6.1 9.1
51 21.4	16.8 25.2
120 22.1	17.6 26.4

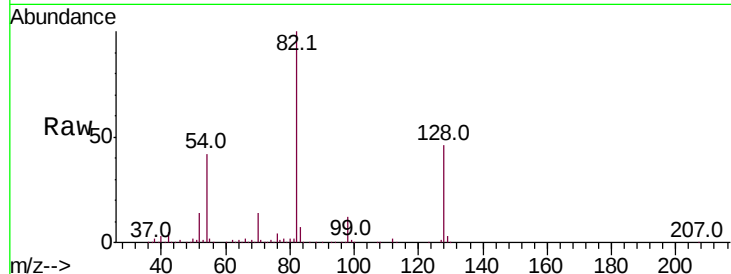




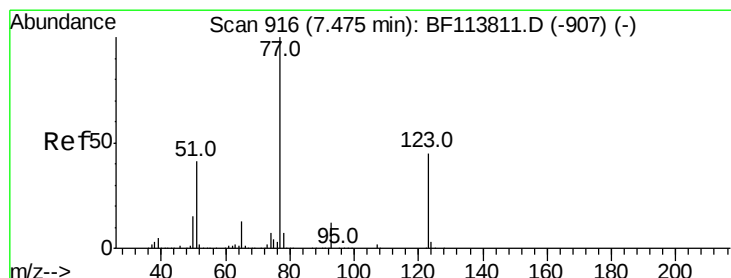
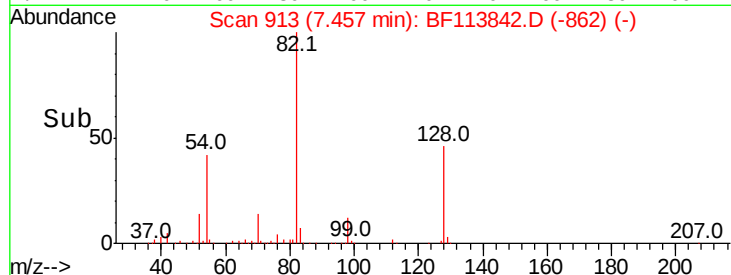
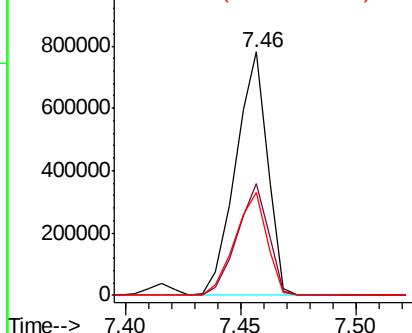
#23
 Nitrobenzene-d5
 Concen: 88.501 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	751306
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.8	55.2
54	42.4	33.8	50.6

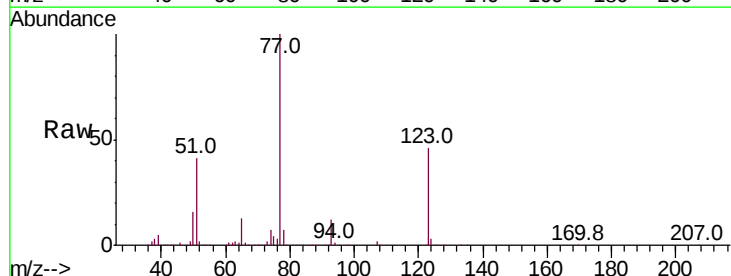


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

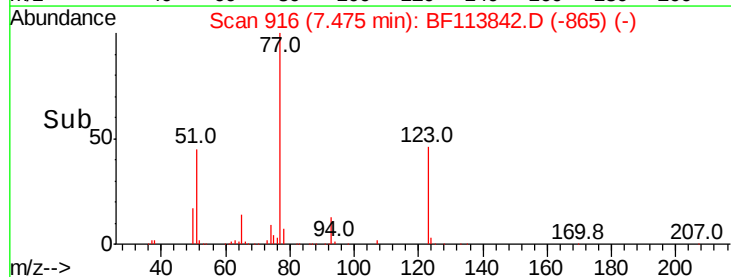
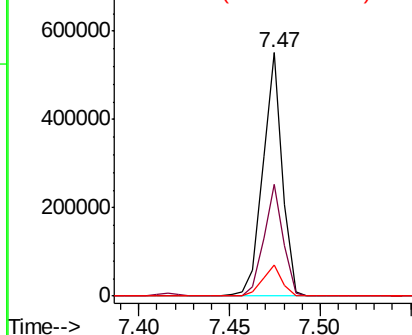


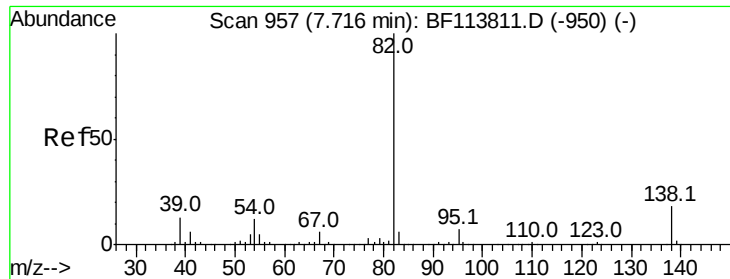
#24
 Nitrobenzene
 Concen: 42.787 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion	77	Resp	408231
Ion Ratio	Lower	Upper	
77	100		
123	46.2	36.3	54.5
65	12.6	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.867 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampled :

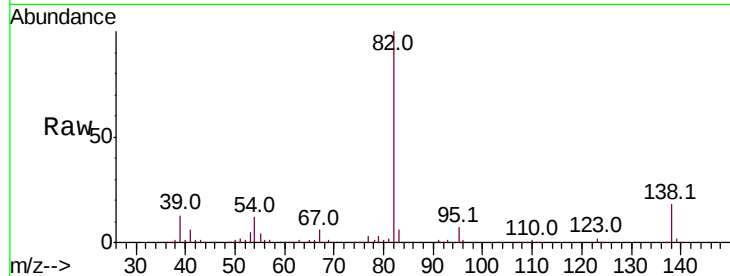
Tot Ion: 82 Resp: 700733

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

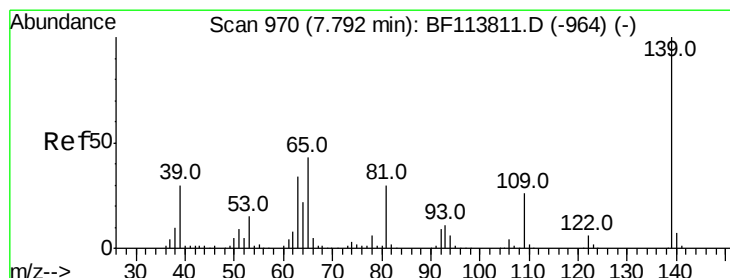
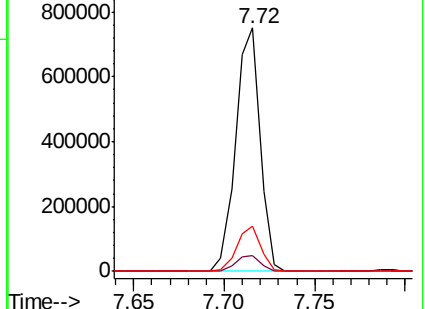
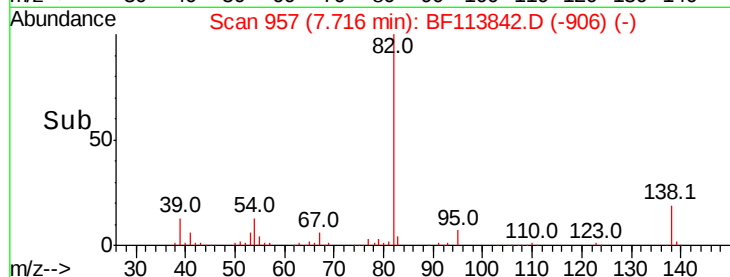
138 18.5 14.6 22.0



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: 43.619 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

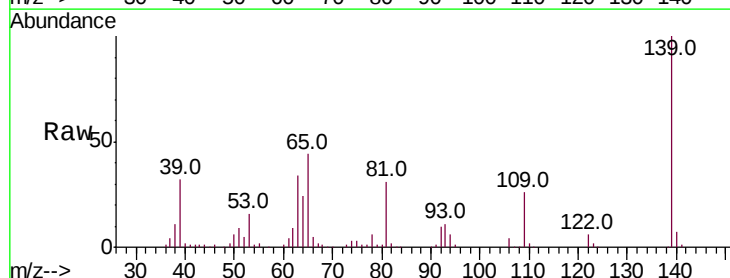
Tgt Ion: 139 Resp: 165329

Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

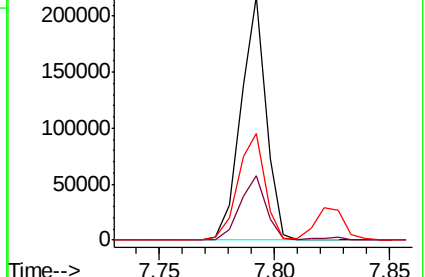
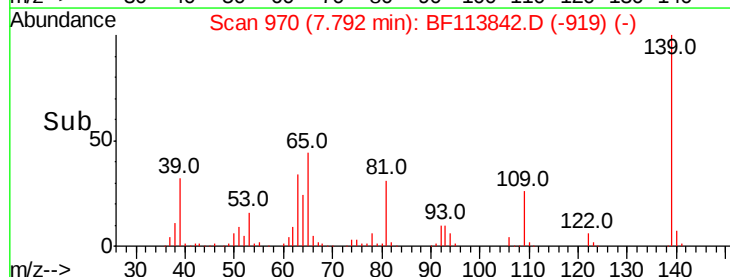
65 43.6 34.6 52.0

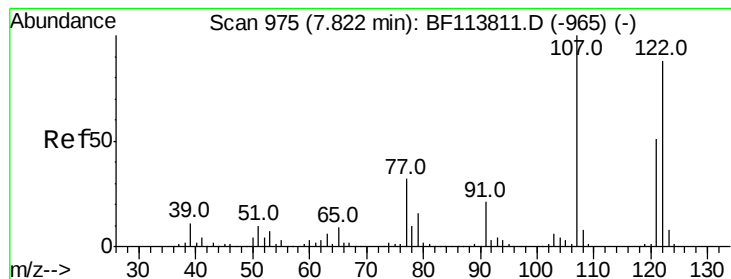


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.416 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampled :

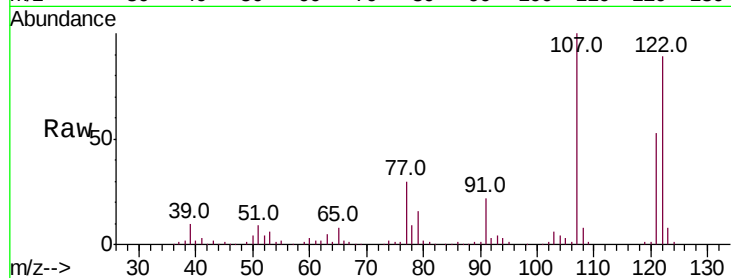
Tot Ion:122 Resp: 278006

Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

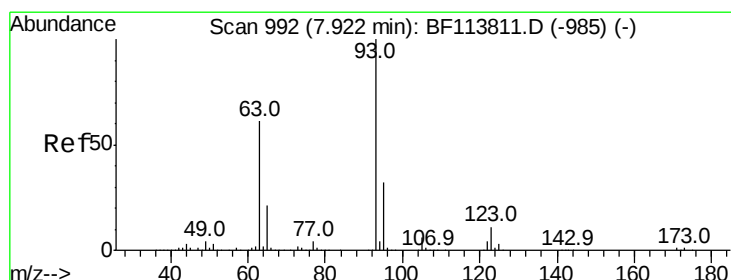
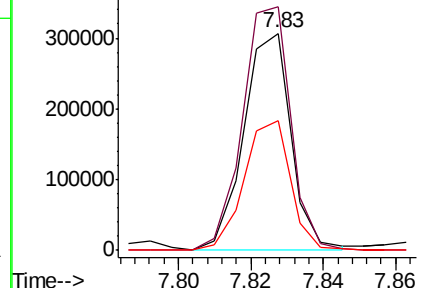
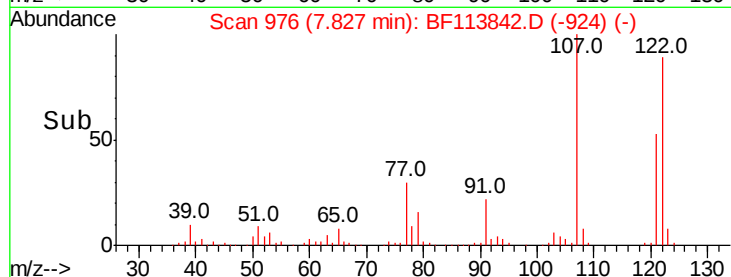
121 59.7 46.4 69.6



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: 41.254 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

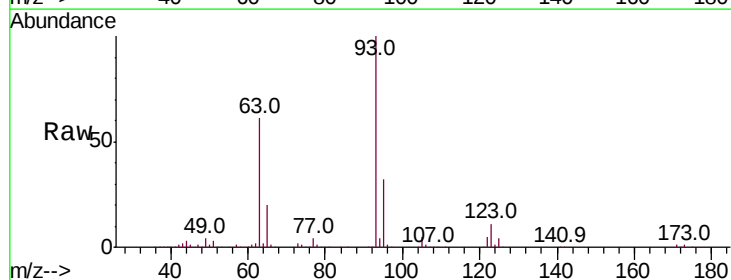
Tgt Ion: 93 Resp: 460780

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

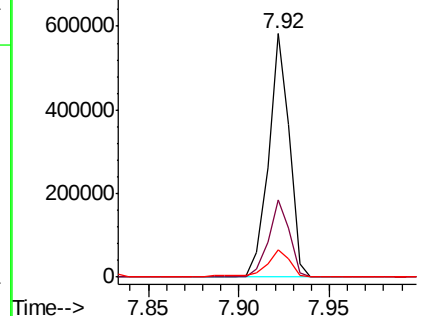
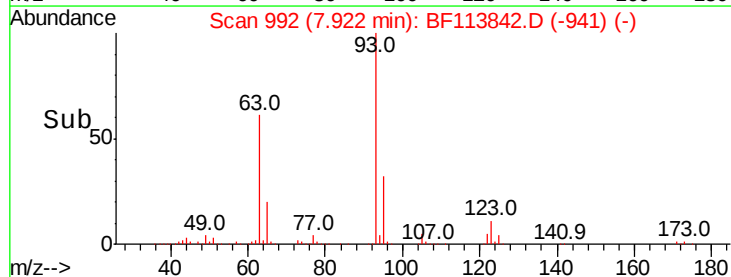
123 11.0 9.0 13.6

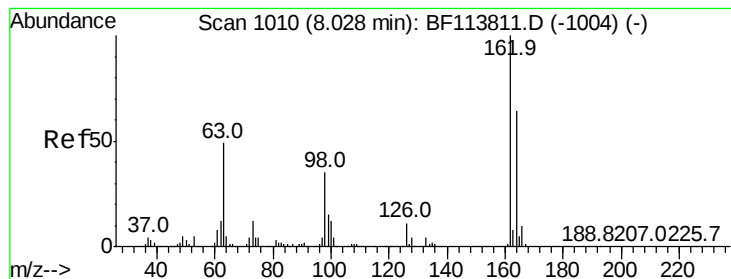


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.358 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

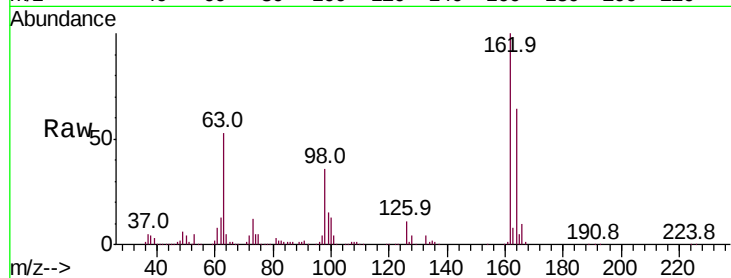
Tot Ion:162 Resp: 311194

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

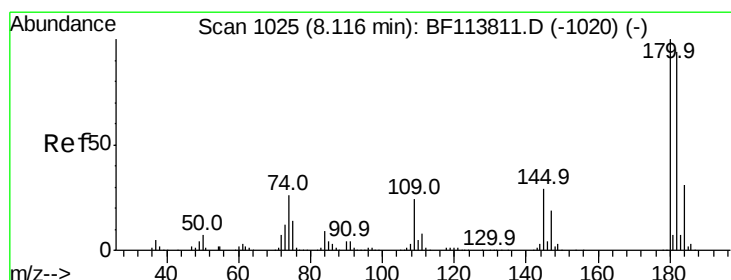
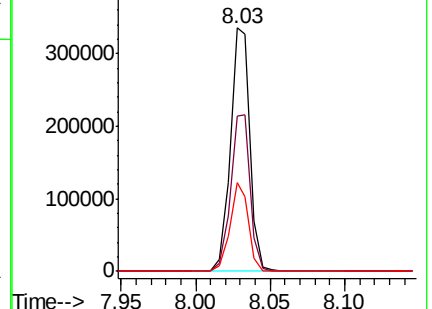
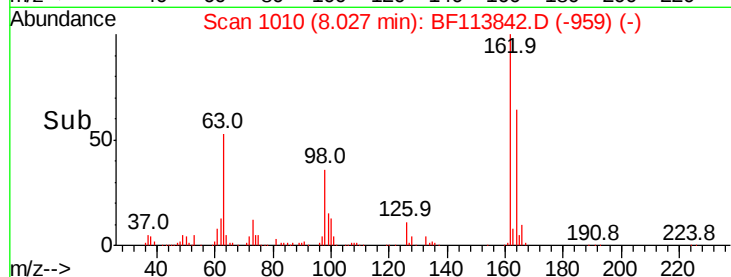
98 36.3 15.5 55.5



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: 41.849 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

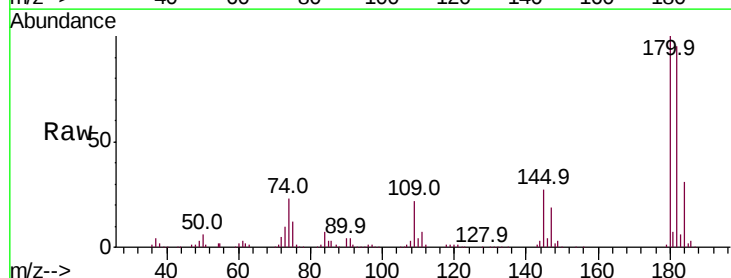
Tgt Ion:180 Resp: 358441

Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

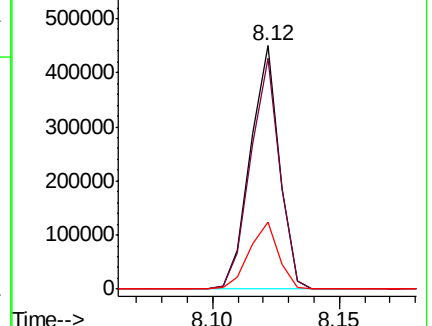
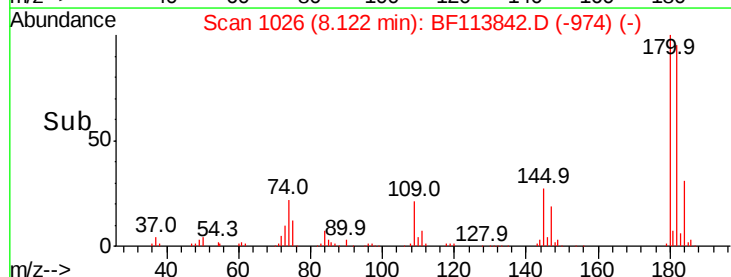
145 27.4 23.0 34.4

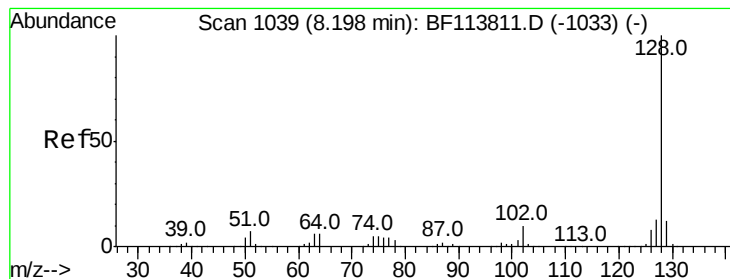


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.721 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

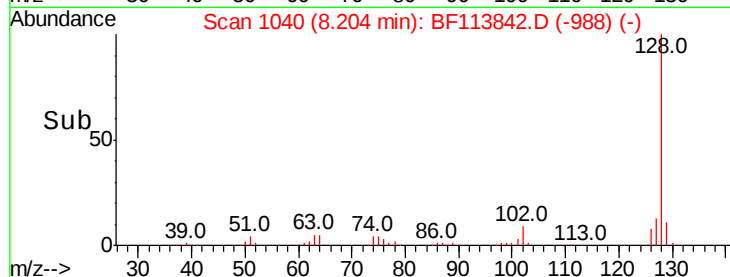
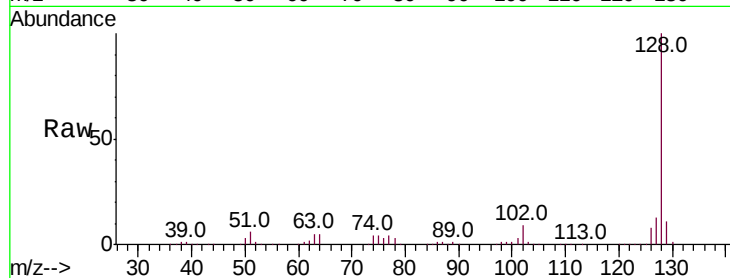
Tot Ion:128 Resp: 1020175

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

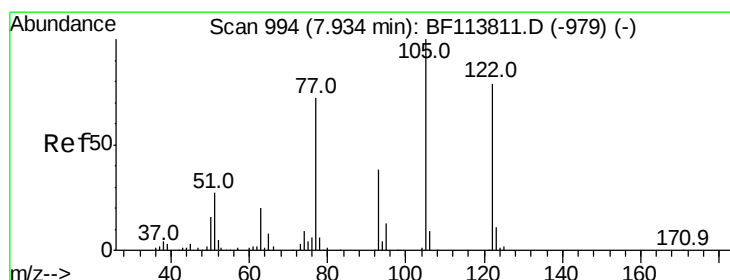
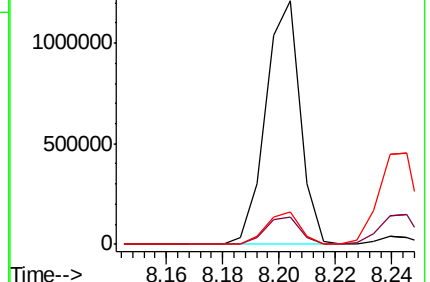
127 13.4 10.8 16.2



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: 34.687 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

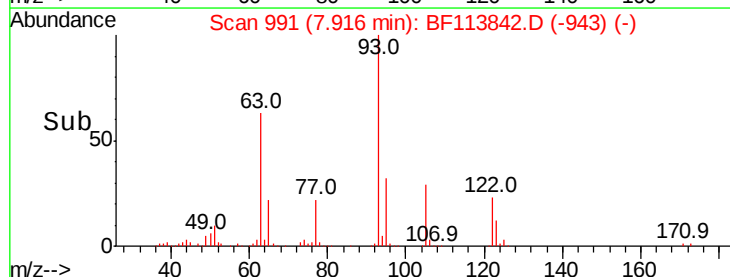
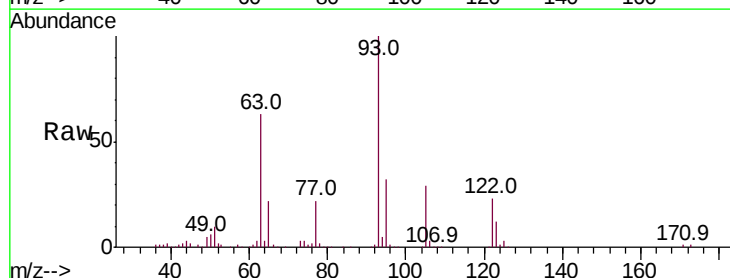
Tgt Ion:122 Resp: 157248

Ion Ratio Lower Upper

122 100

105 125.6 104.3 144.3

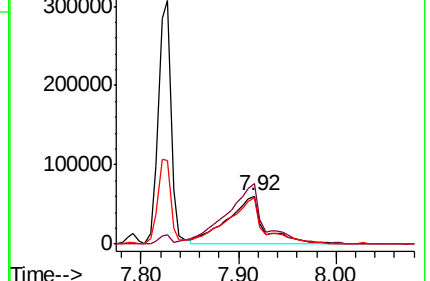
77 95.1 70.4 110.4

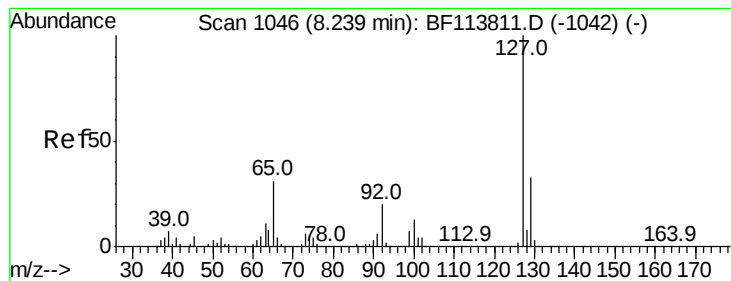


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.091 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 415879

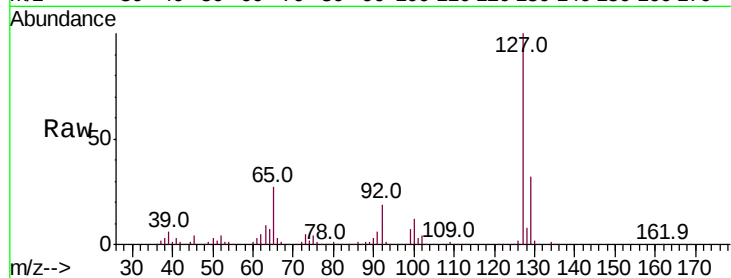
Ion Ratio Lower Upper

127 100

129 32.4 26.4 39.6

65 26.6 24.9 37.3

92 18.5 15.9 23.9

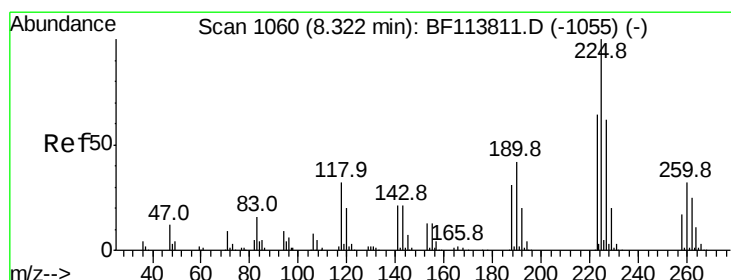
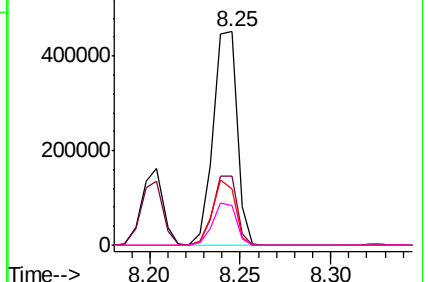
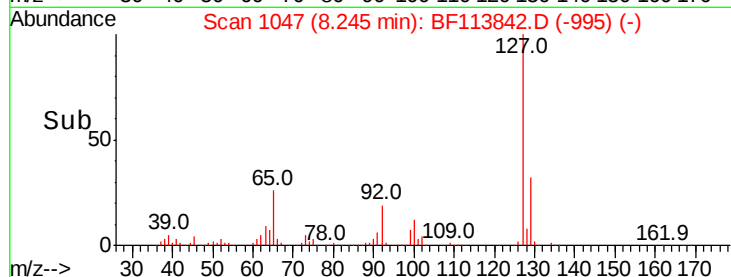


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.339 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

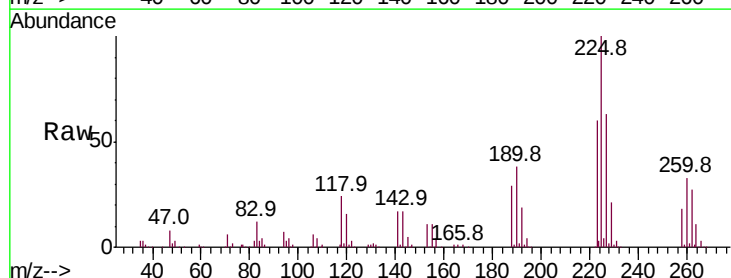
Tgt Ion:225 Resp: 232026

Ion Ratio Lower Upper

225 100

223 60.2 51.1 76.7

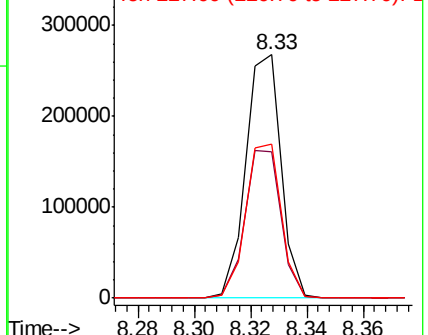
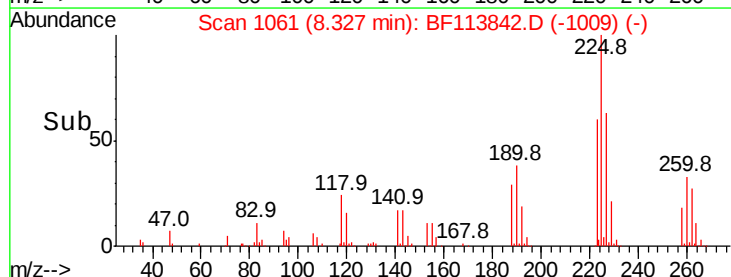
227 63.4 49.9 74.9

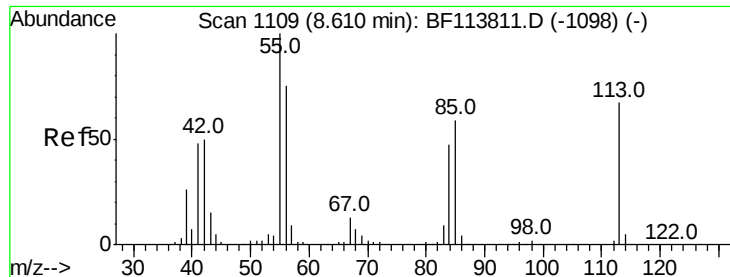


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

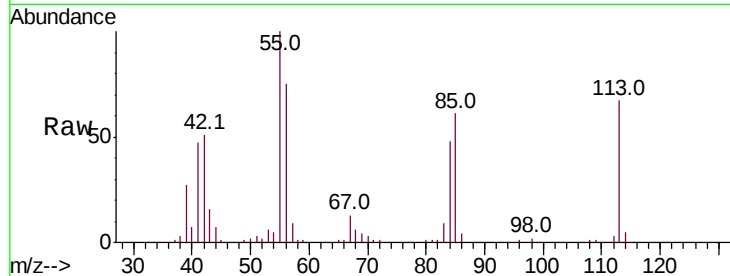




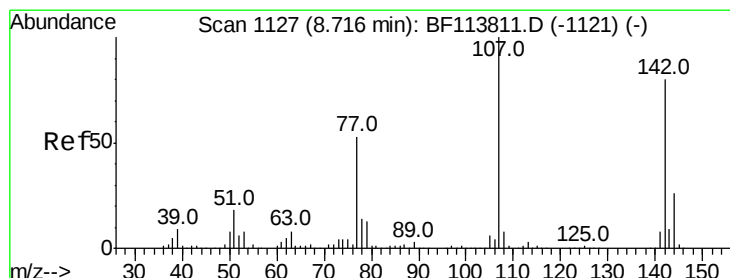
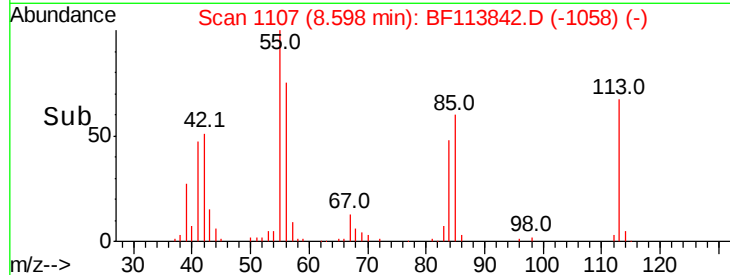
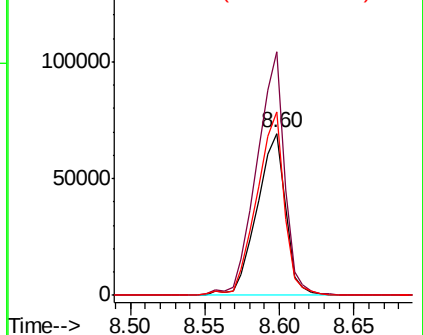
#35
 Caprolactam
 Concen: 36.619 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 91148
 Ion Ratio Lower Upper
 113 100
 55 150.0 128.6 168.6
 56 113.1 91.9 131.9

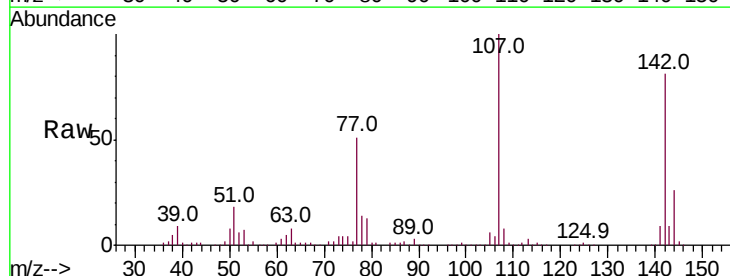


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

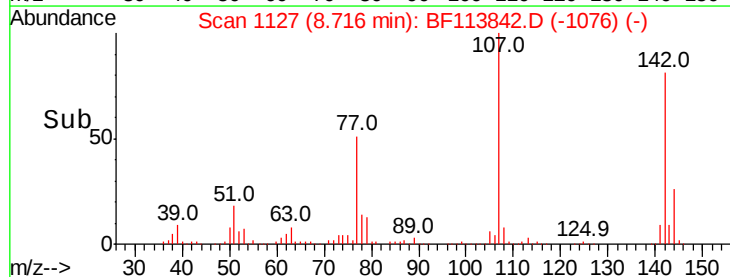
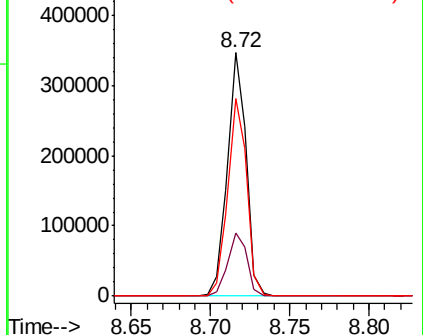


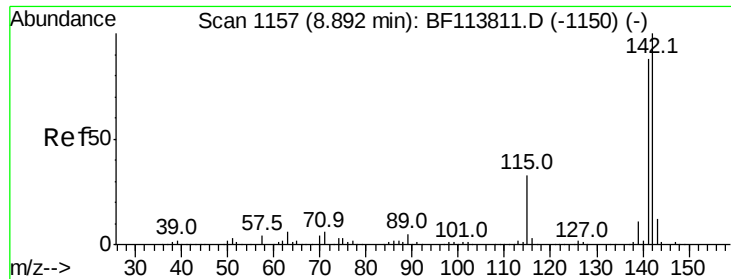
#36
 4-Chloro-3-methylphenol
 Concen: 37.216 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion:107 Resp: 284549
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.9 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

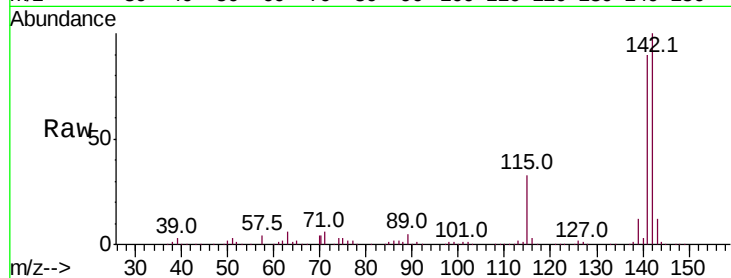




#37
 2-Methylnaphthalene
 Concen: 38.819 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	33.3	26.3	39.5

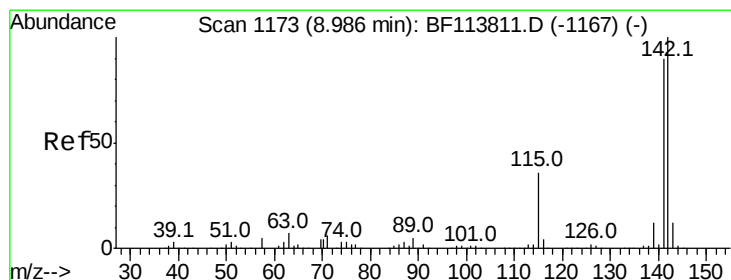
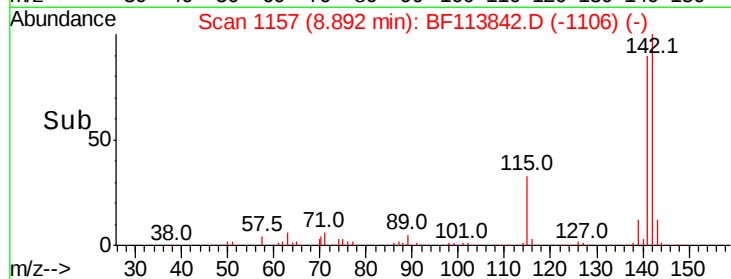
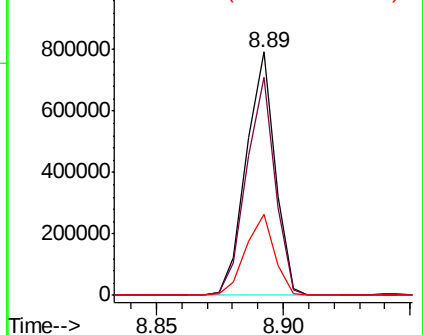


Abundance

Ion 142.00 (141.70 to 142.70): E

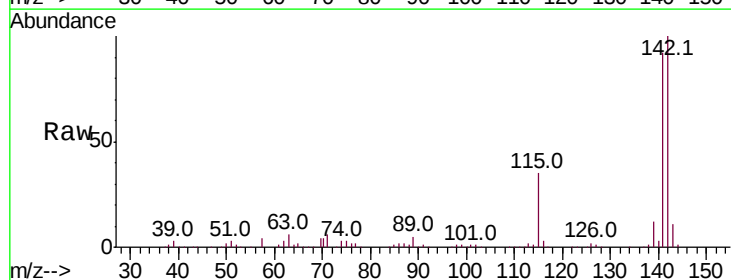
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.789 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5
116	3.5	3.0	4.4

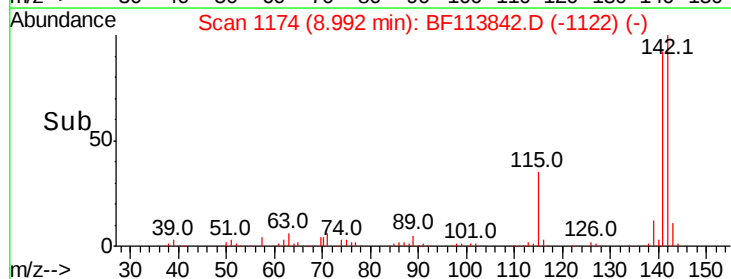
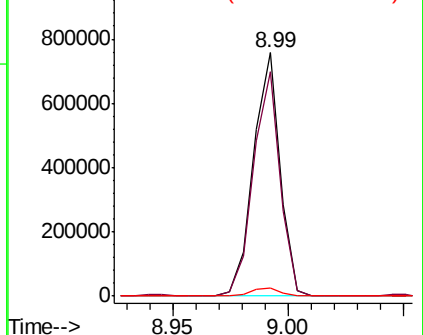


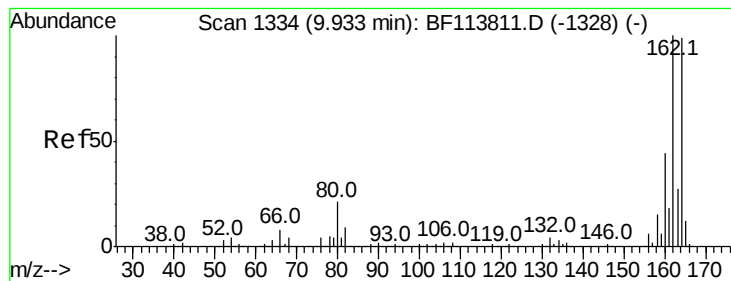
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

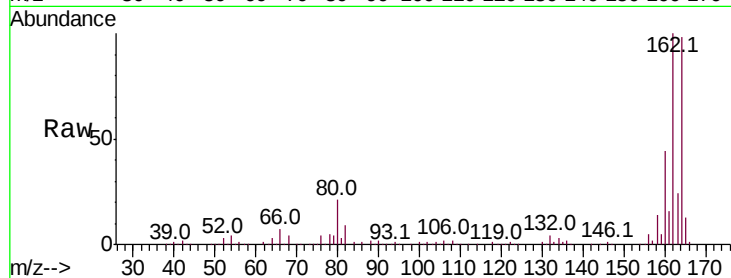
Tot Ion:164 Resp: 232009

Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

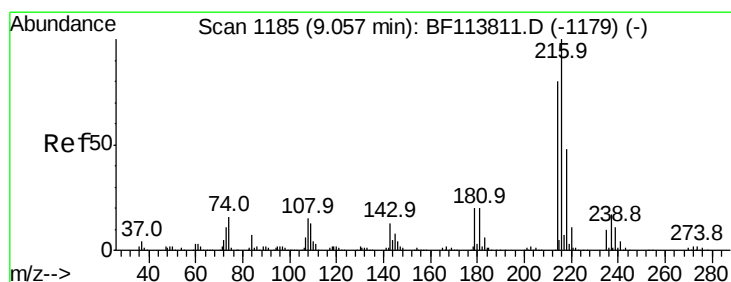
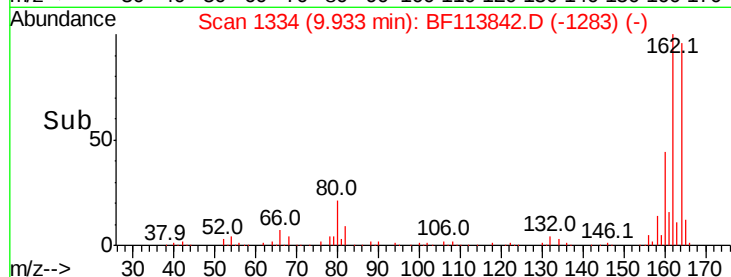
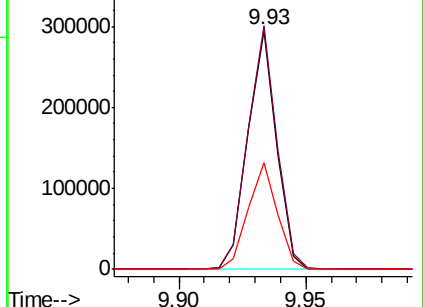
160 44.8 35.8 53.6



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: 44.852 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Tgt Ion:216 Resp: 330232

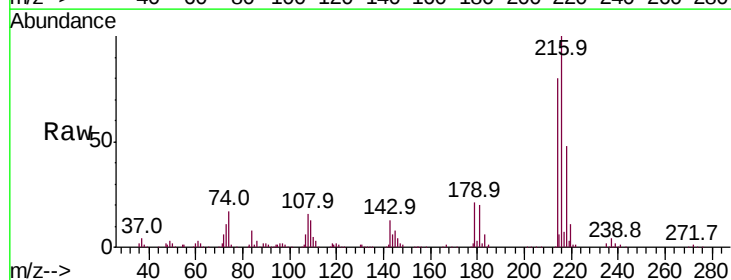
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 20.4 16.1 24.1

108 15.5 13.4 20.0

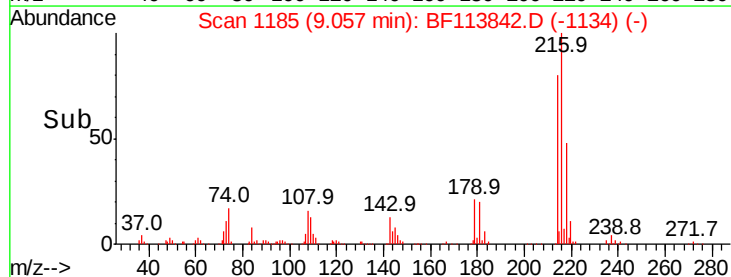
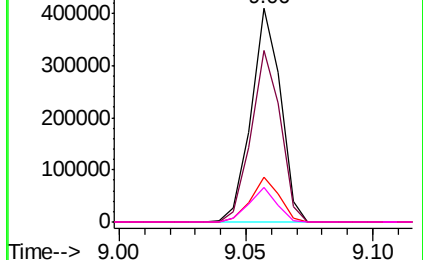


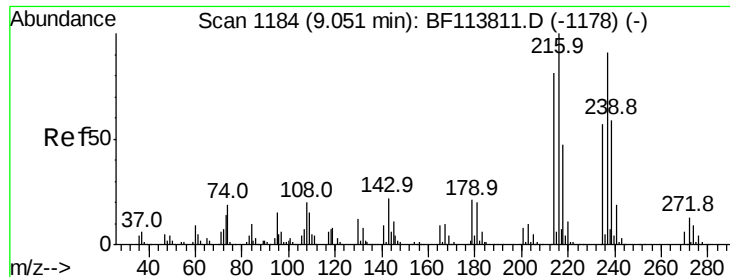
Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.370 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

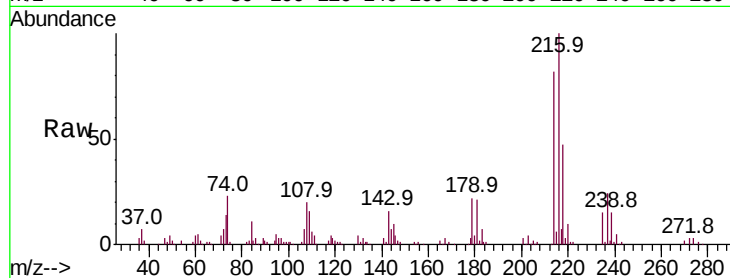
Tot Ion:237 Resp: 33877

Ion Ratio Lower Upper

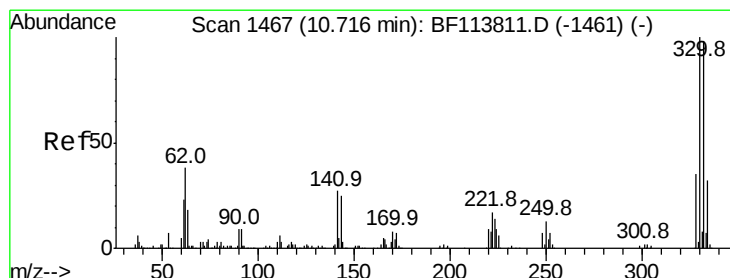
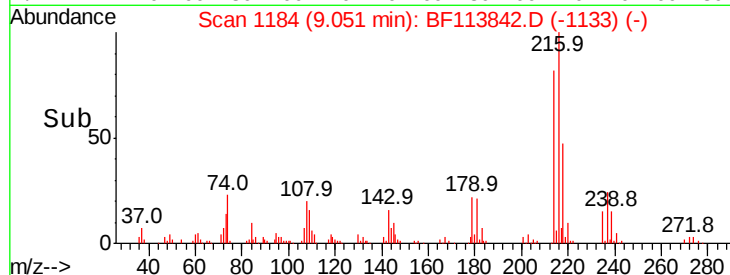
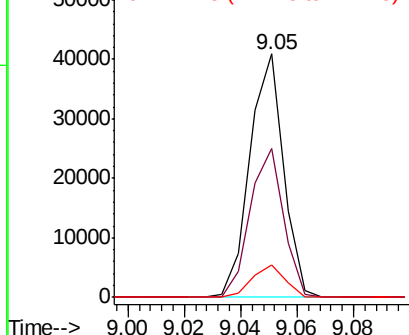
237 100

235 61.0 42.6 82.6

272 13.5 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: 91.113 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

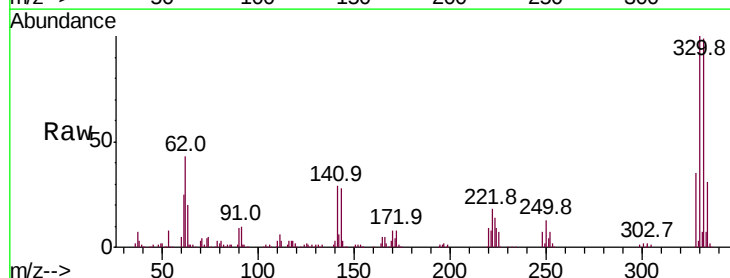
Tgt Ion:330 Resp: 233547

Ion Ratio Lower Upper

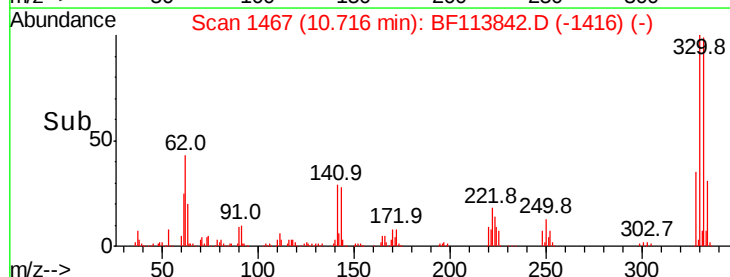
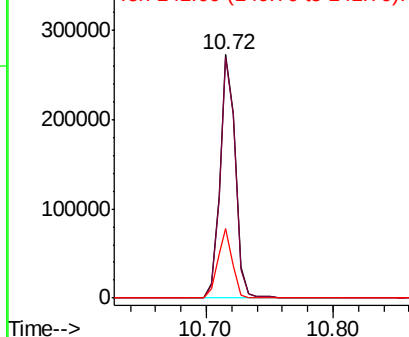
330 100

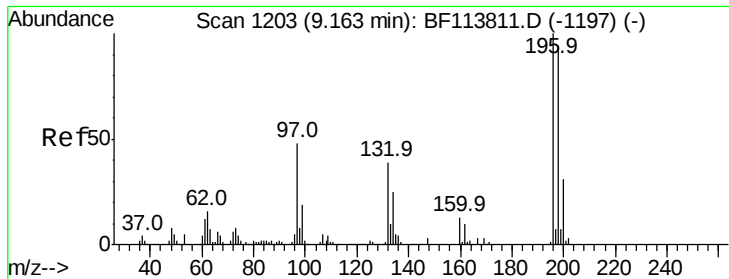
332 98.3 77.5 116.3

141 27.6 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

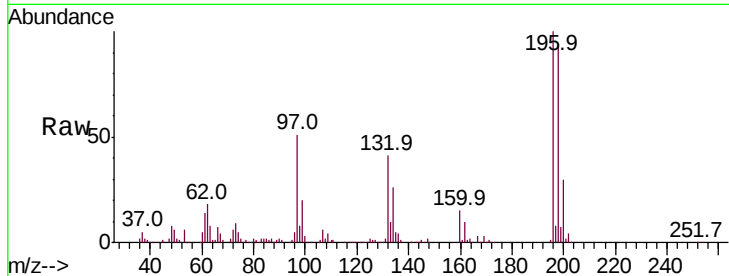




#43
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
200	30.0	24.7	37.1

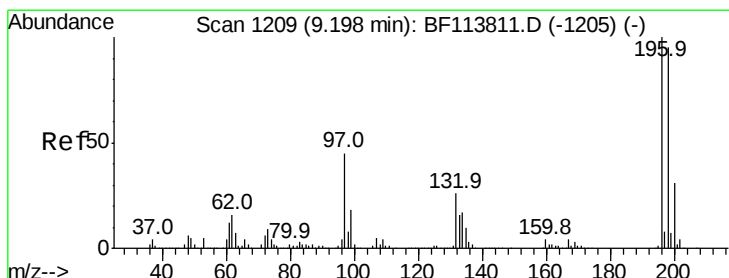
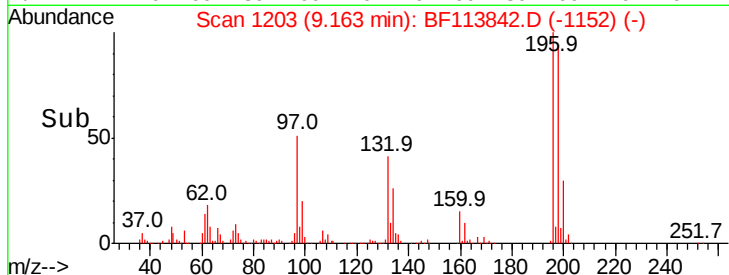
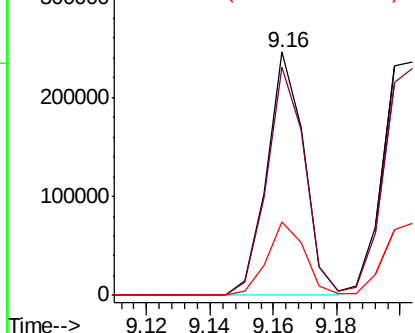


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.100 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.2	114.4
97	37.8	35.8	53.8
132	23.8	20.9	31.3

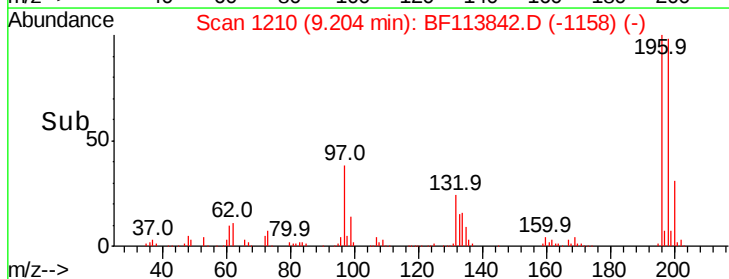
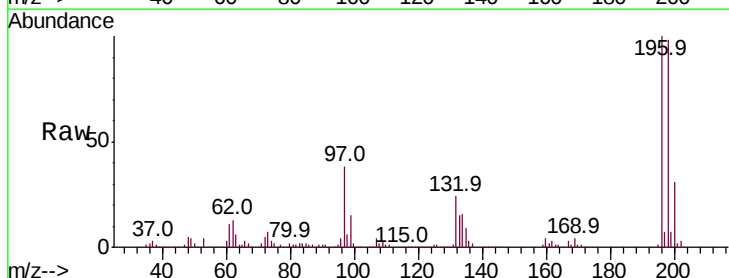
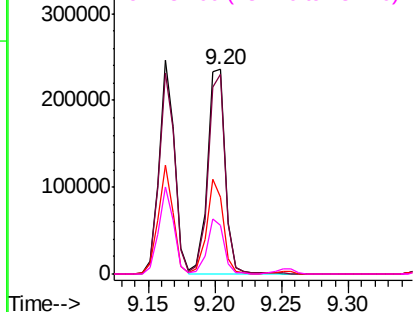
Abundance

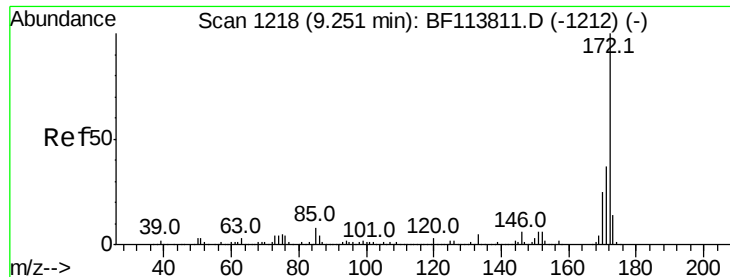
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

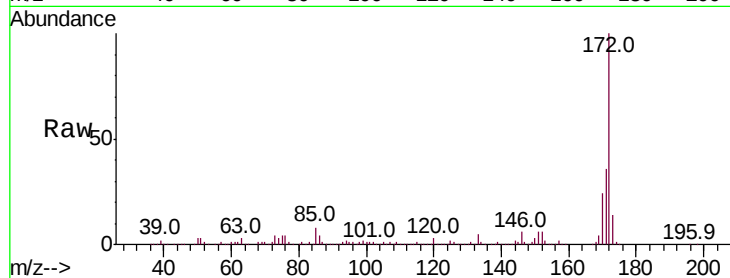




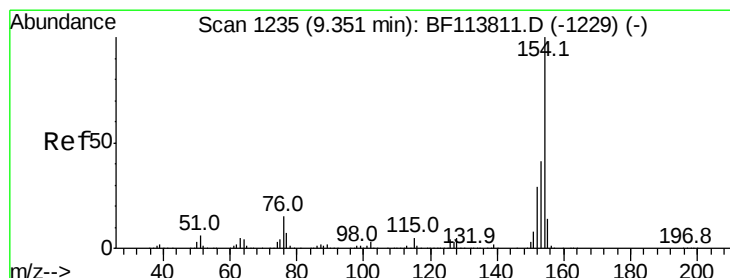
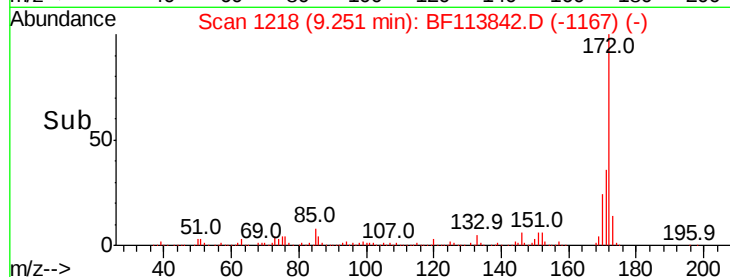
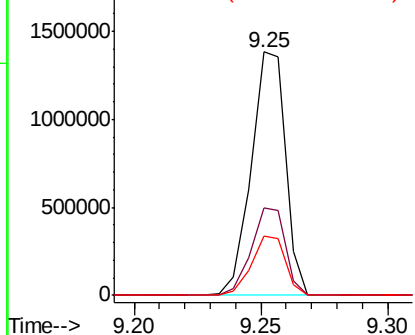
#45
2-Fluorobiphenyl
Concen: 85.883 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1306564
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.2 19.9 29.9

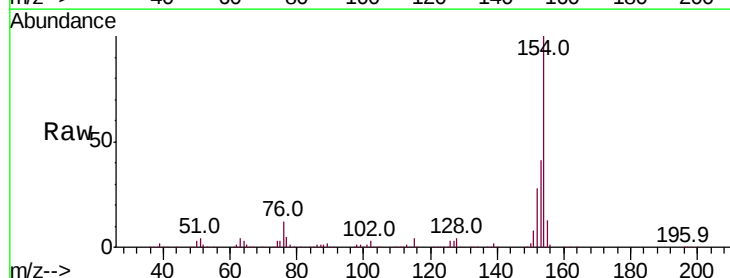


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

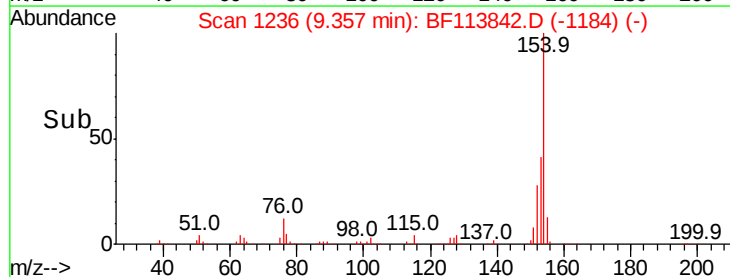
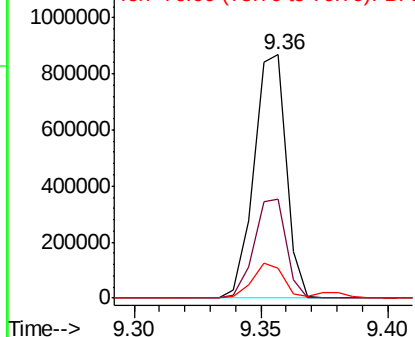


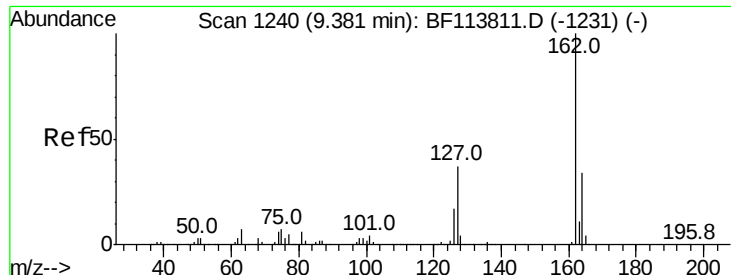
#46
1,1'-Biphenyl
Concen: 43.957 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:154 Resp: 771725
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.4 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

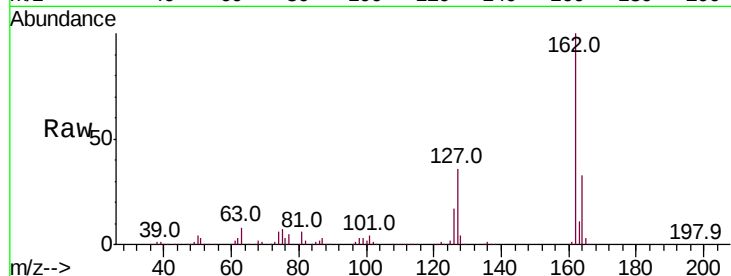




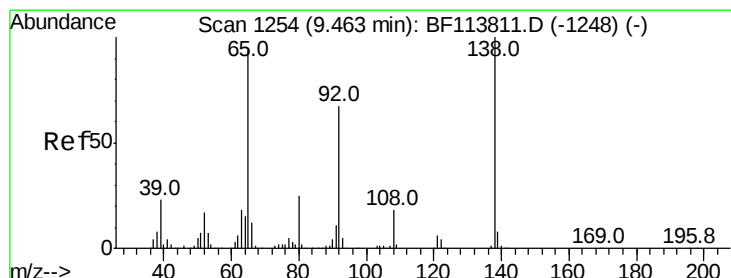
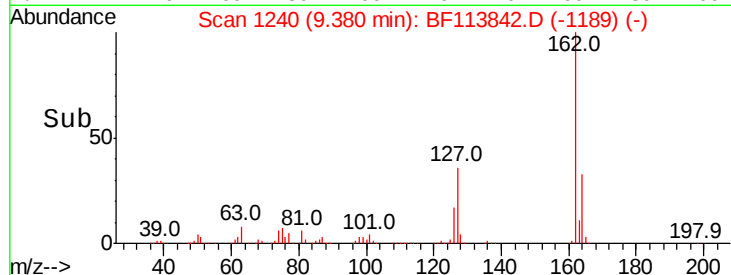
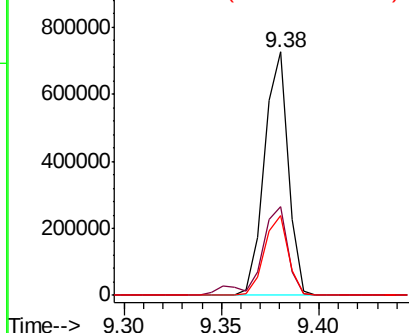
#47
 2-Chloronaphthalene
 Concen: 42.767 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	29.3	43.9
164	33.0	27.1	40.7

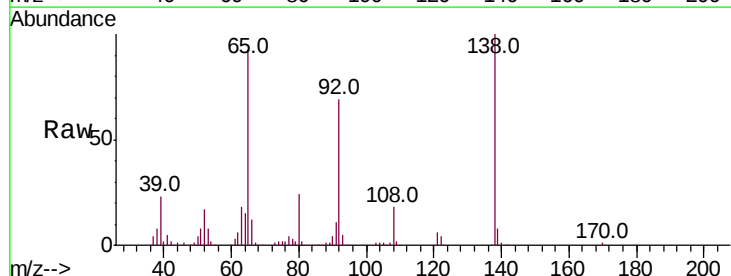


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

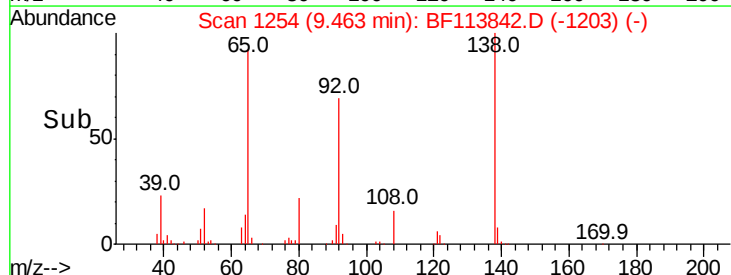
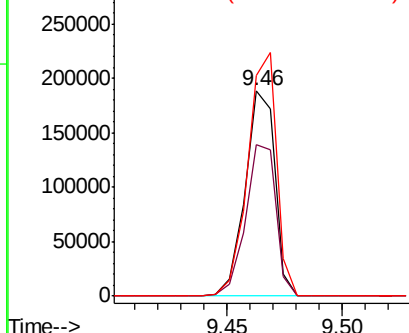


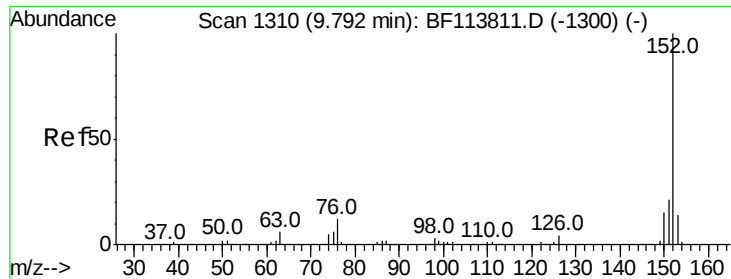
#48
 2-Nitroaniline
 Concen: 45.758 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.4	86.0
138	107.0	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: 43.064 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampled :

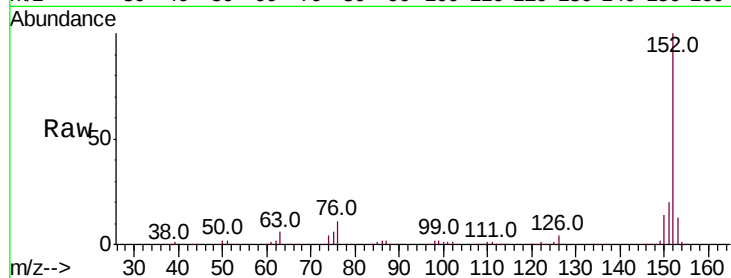
Tot Ion:152 Resp: 968024

Ion Ratio Lower Upper

152 100

151 20.2 17.0 25.4

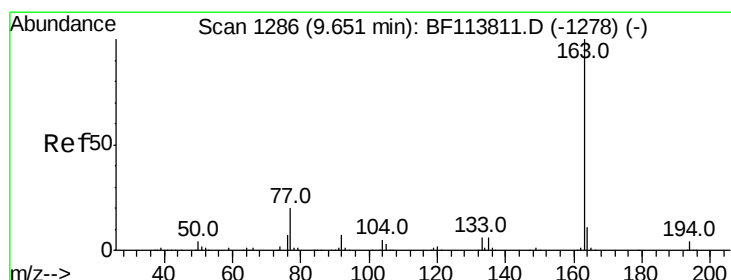
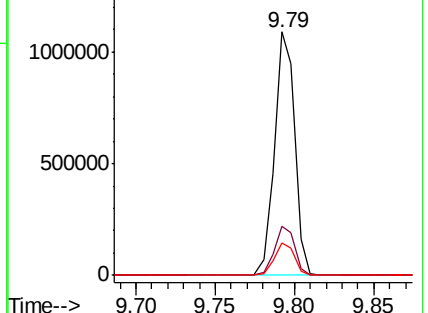
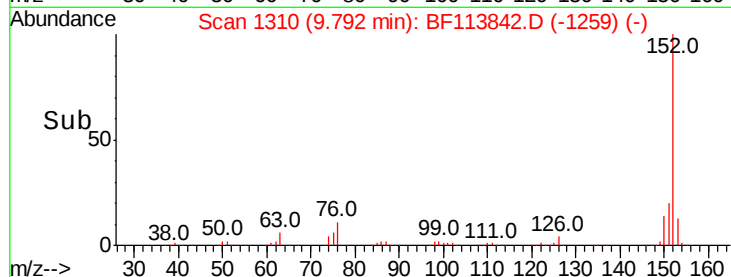
153 13.5 11.0 16.6



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: 43.634 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

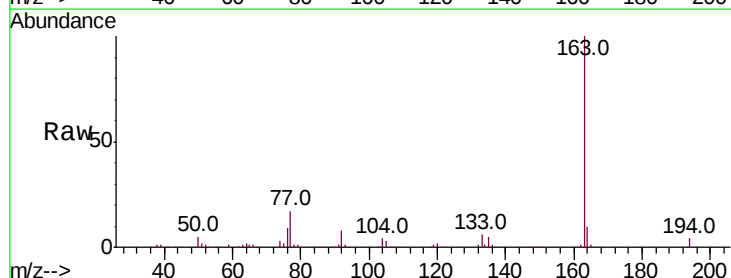
Tgt Ion:163 Resp: 708466

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

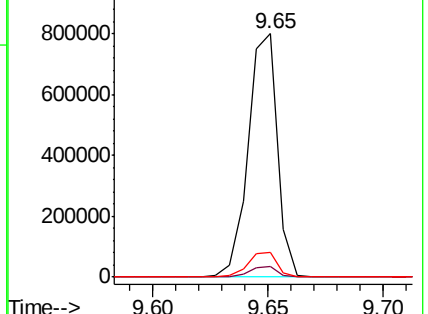
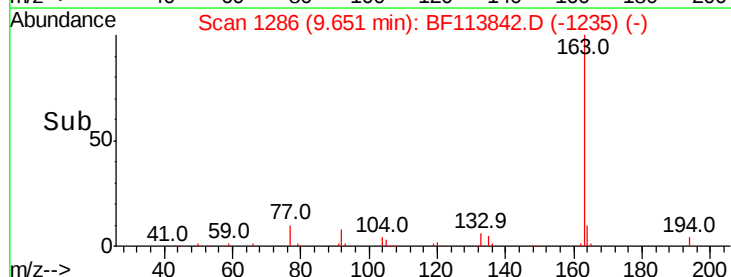
164 10.0 8.5 12.7

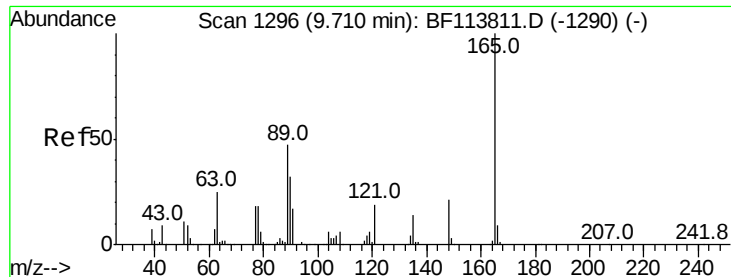


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.111 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampled :

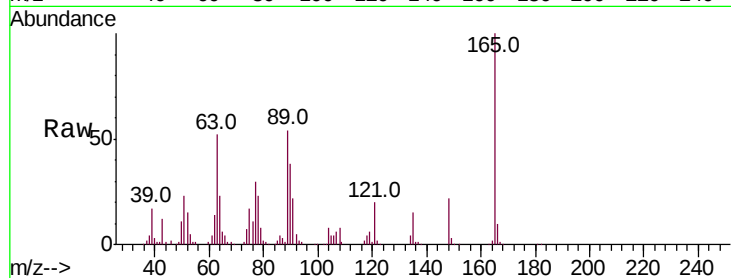
Tot Ion:165 Resp: 143730

Ion Ratio Lower Upper

165 100

63 51.8 33.8 50.8#

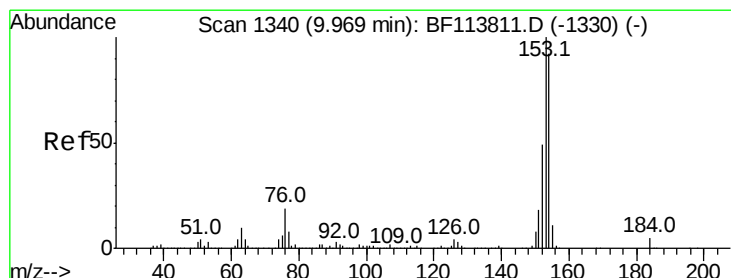
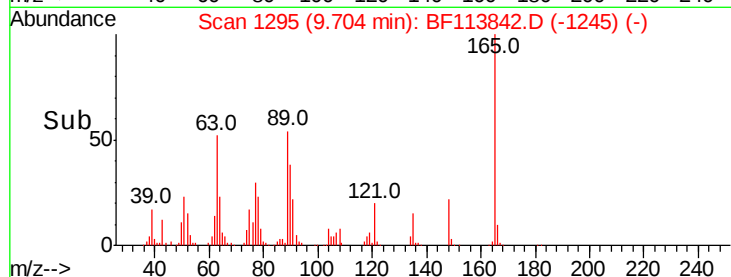
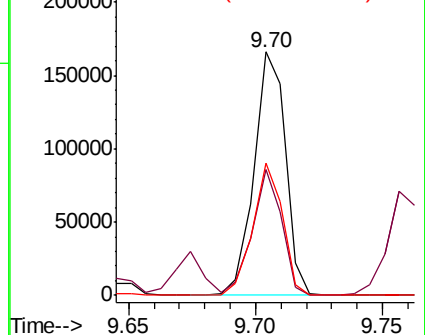
89 54.4 38.2 57.2



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: 40.736 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

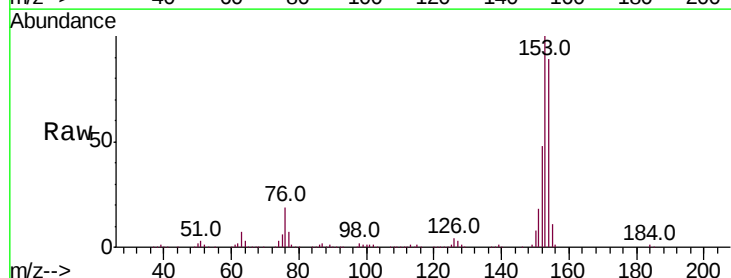
Tgt Ion:154 Resp: 537115

Ion Ratio Lower Upper

154 100

153 112.9 87.2 130.8

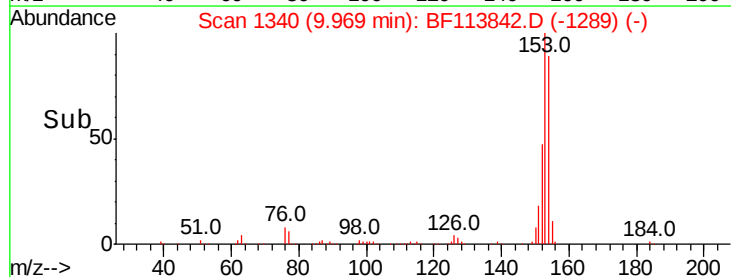
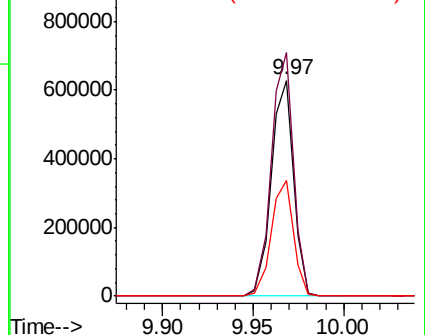
152 53.7 42.3 63.5

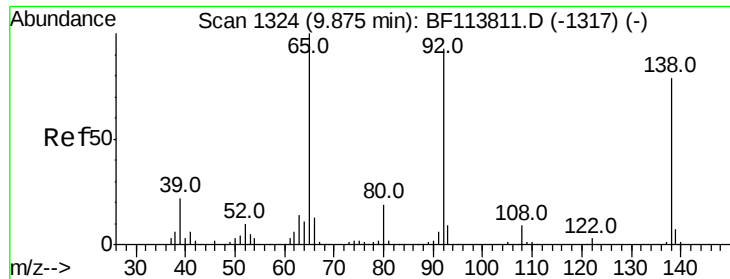


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

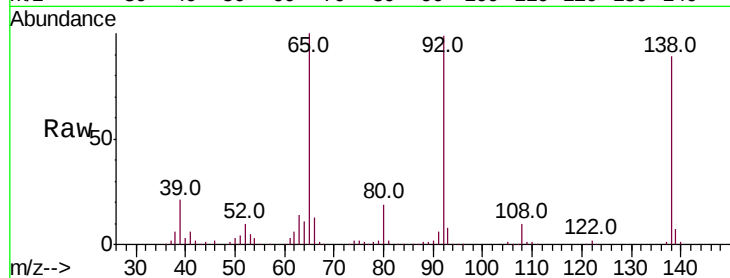




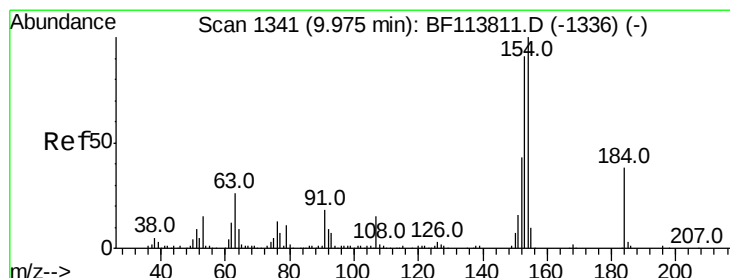
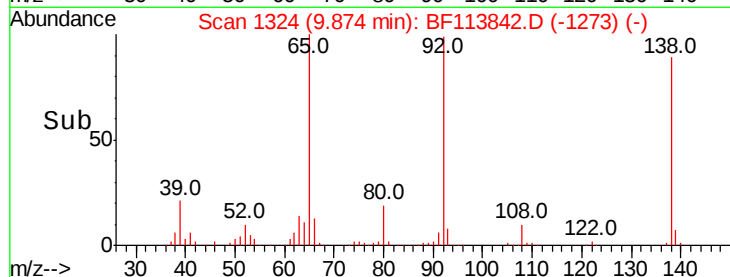
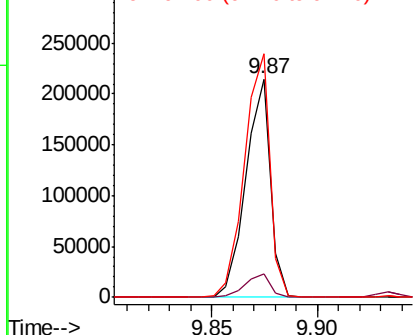
#53
3-Nitroaniline
Concen: 45.794 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 173756
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.2
92 111.6 94.1 141.1

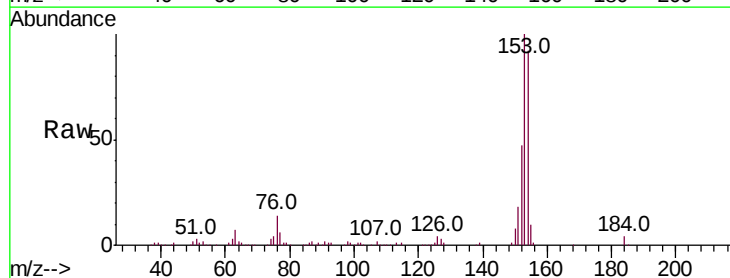


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

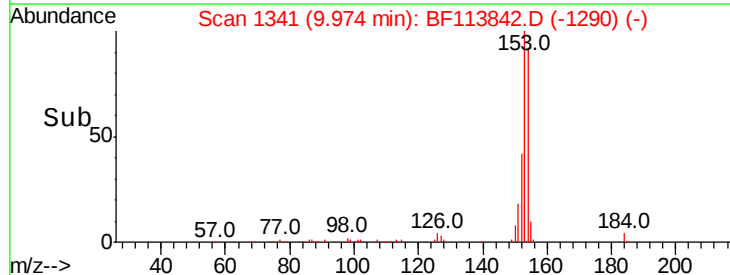
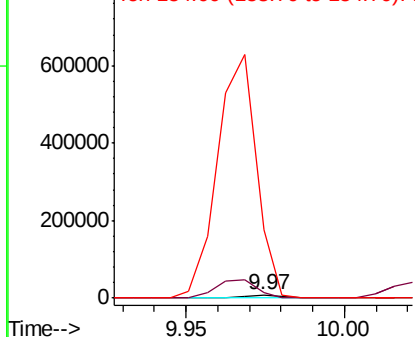


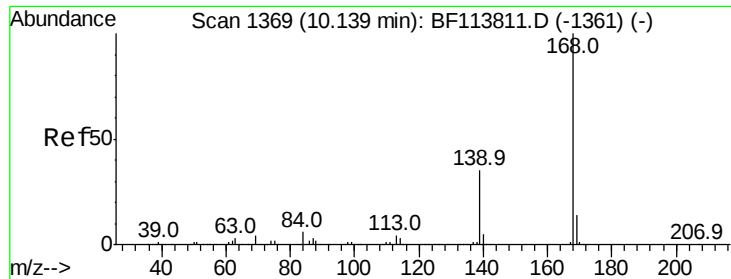
#54
2,4-Dinitrophenol
Concen: 12.902 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:184 Resp: 6014
Ion Ratio Lower Upper
184 100
63 150.7 54.6 81.8#
154 2091.1 218.6 328.0#



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

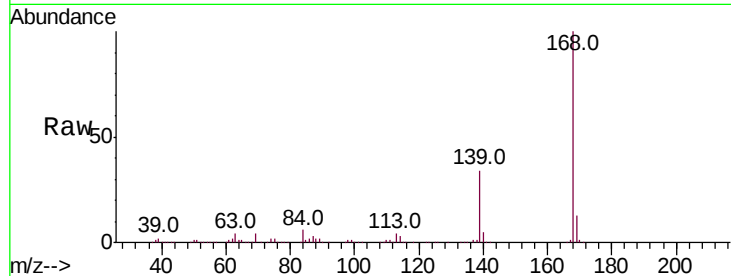




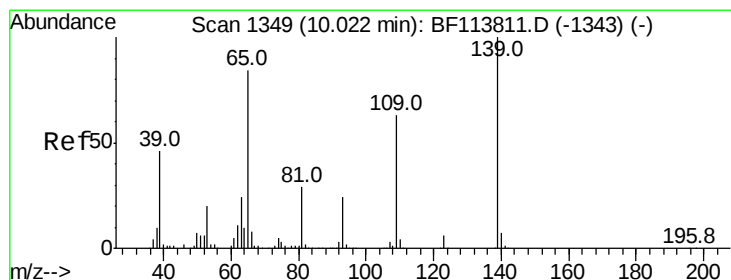
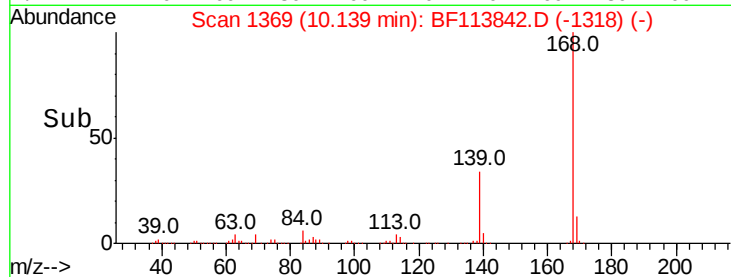
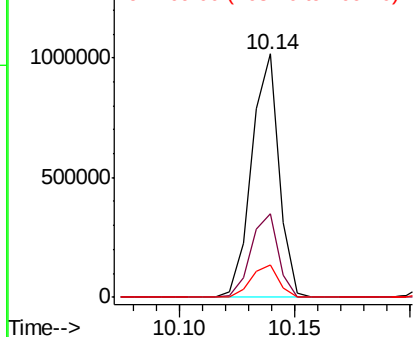
#55
Dibenzenofuran
Concen: 42.457 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 838586
Ion Ratio Lower Upper
168 100
139 34.2 27.8 41.6
169 13.5 11.0 16.6

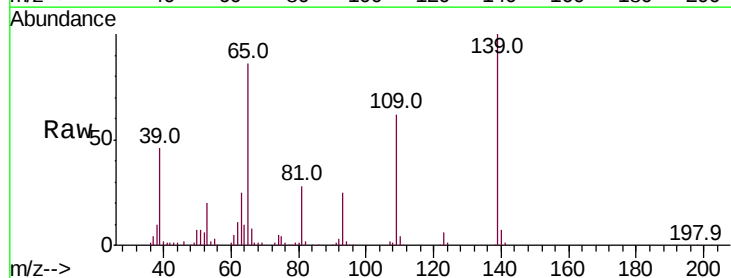


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

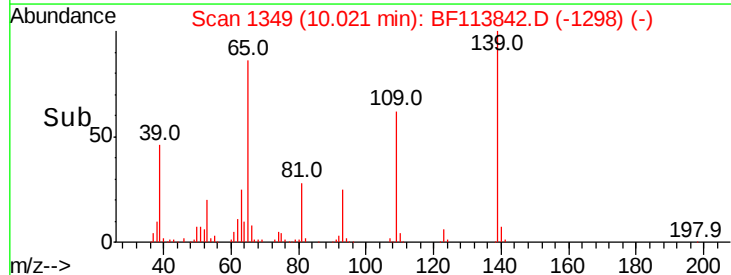
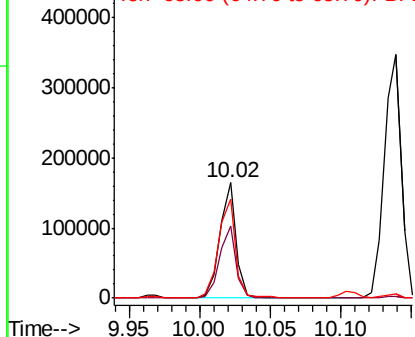


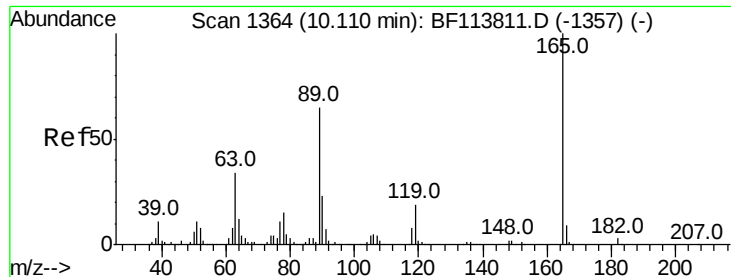
#56
4-Nitrophenol
Concen: 42.627 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:139 Resp: 131624
Ion Ratio Lower Upper
139 100
109 62.4 42.9 82.9
65 85.8 64.4 104.4



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

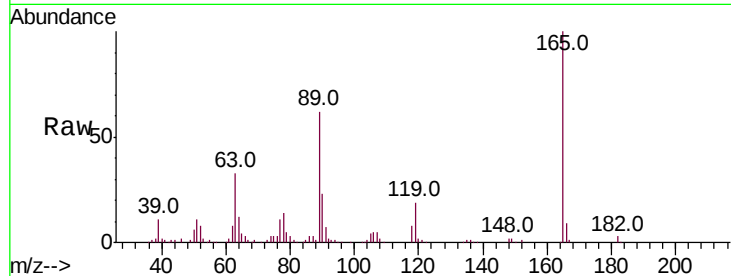




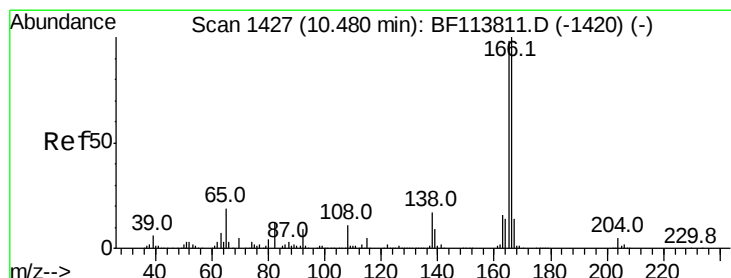
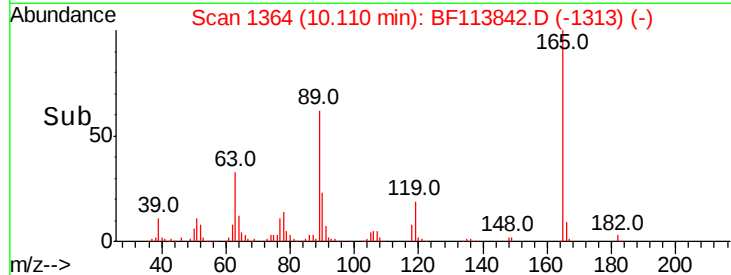
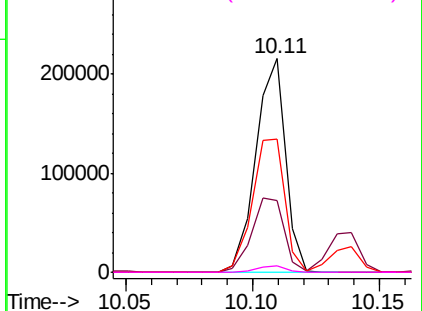
#57
 2,4-Dinitrotoluene
 Concen: 39.755 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	176734
Ion	Ratio	Lower	Upper
165	100		
63	33.4	27.4	41.0
89	62.4	51.8	77.6
182	2.9	2.2	3.2

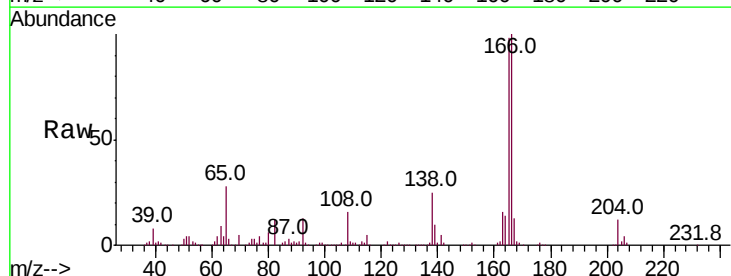


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

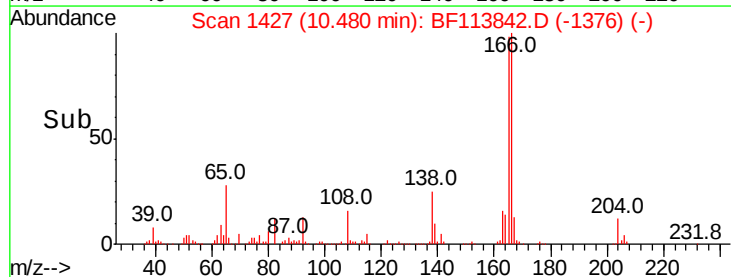
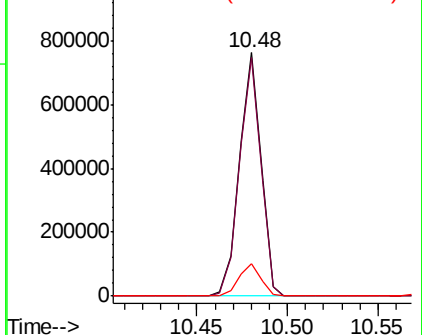


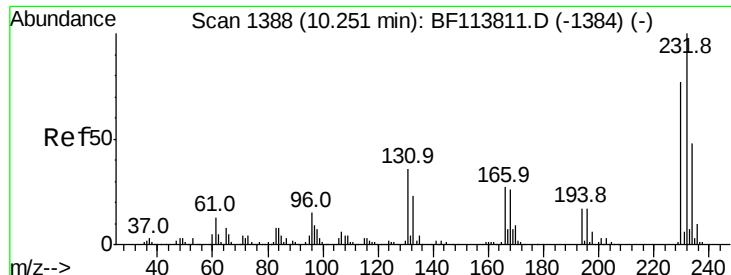
#58
 Fluorene
 Concen: 42.700 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion:	166	Resp:	629138
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.5	10.9	16.3



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

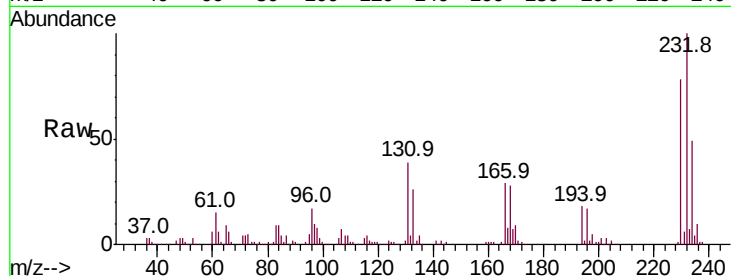




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.674 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.2	45.2
130	1.9	1.5	2.3
166	28.2	22.2	33.4



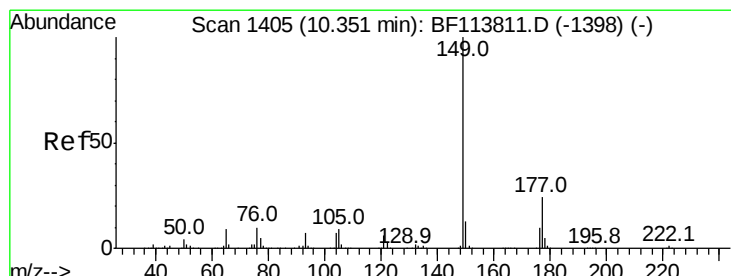
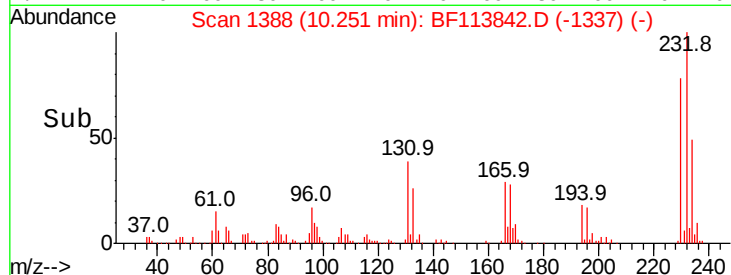
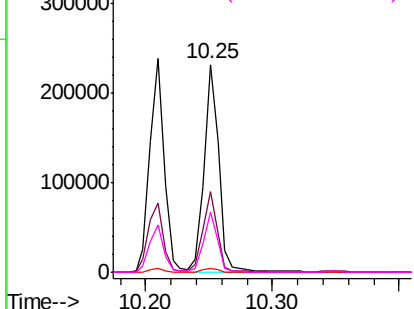
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

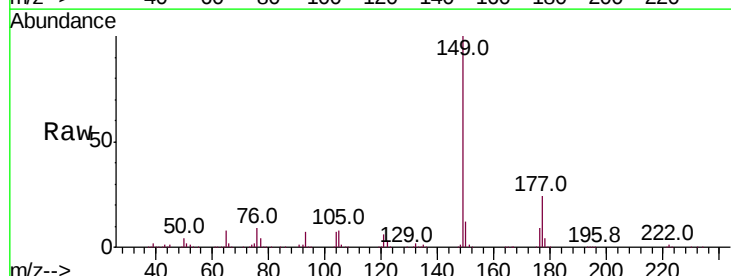
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.907 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

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

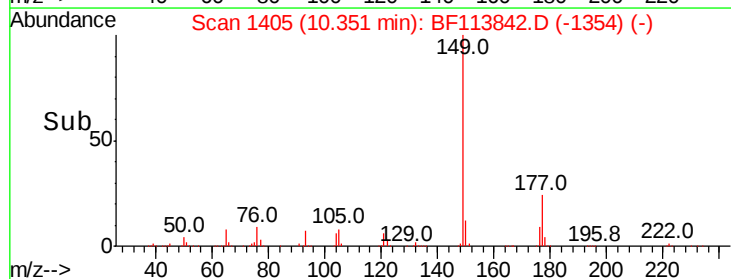
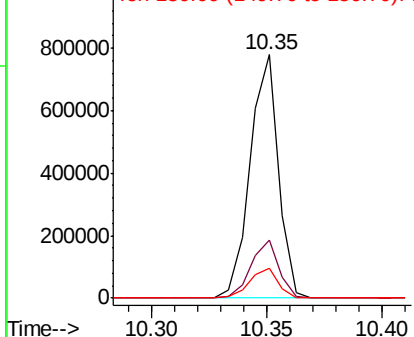


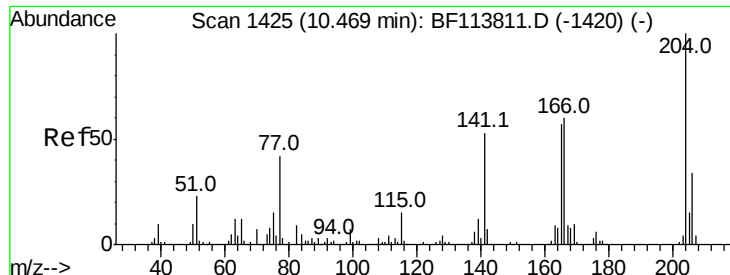
Abundance

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

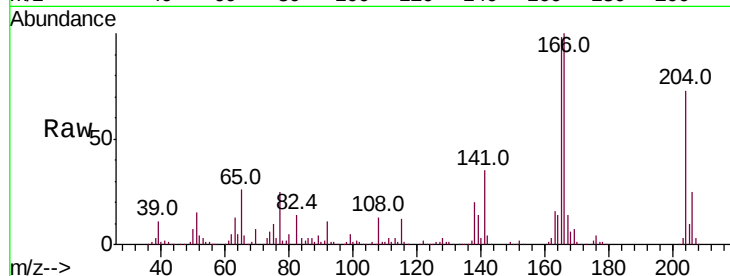




#61
 4-Chlorophenyl-phenylether
 Concen: 43.683 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.4	41.2
141	47.8	42.6	63.8

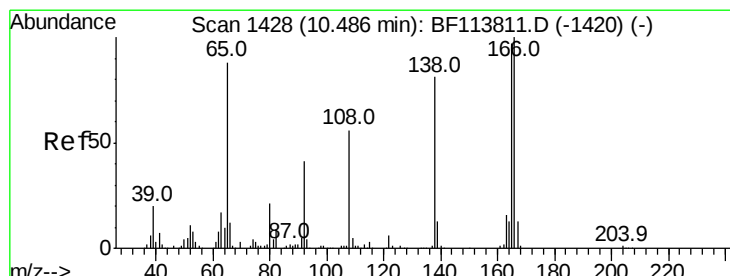
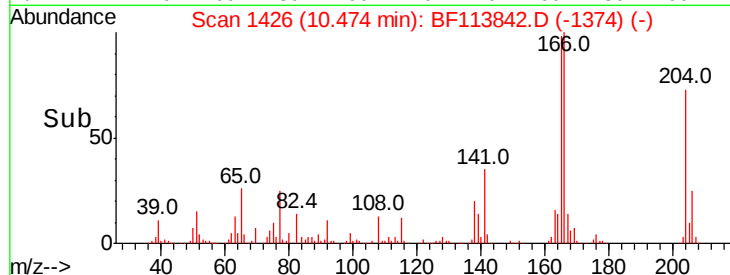
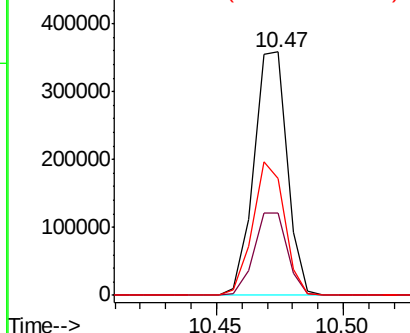


Abundance

Ion 204.00 (203.70 to 204.70): E

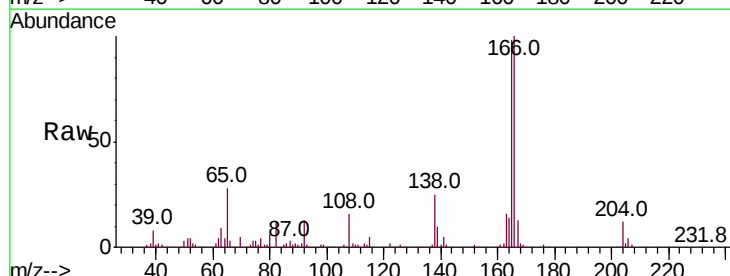
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 47.742 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.3	71.3
108	63.9	48.9	88.9

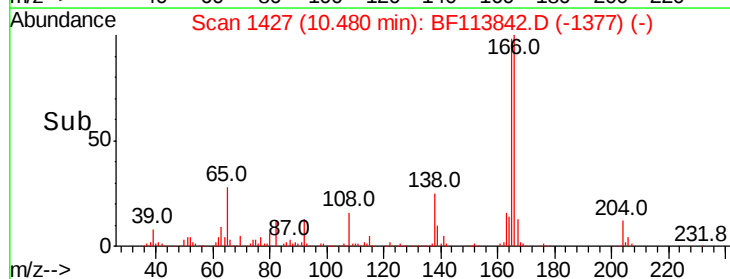
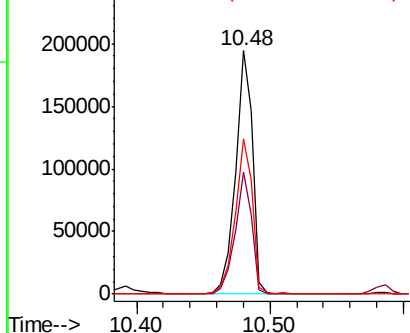


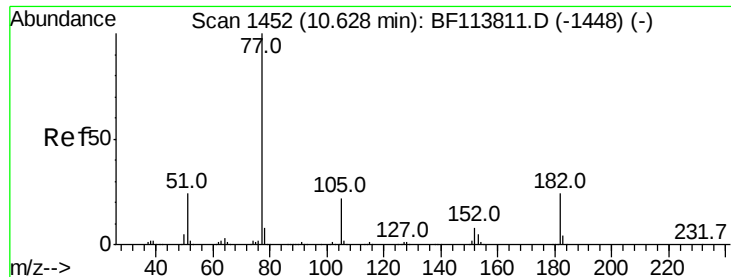
Abundance

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

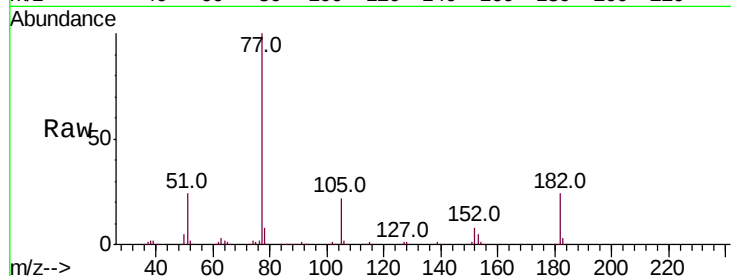




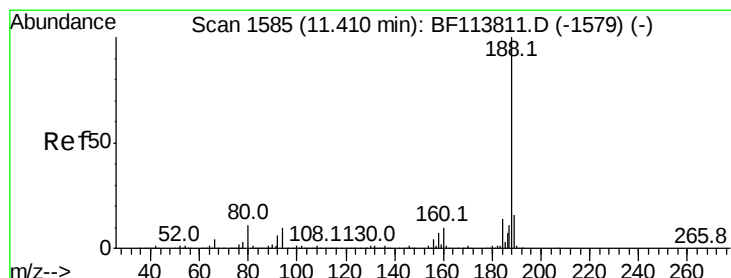
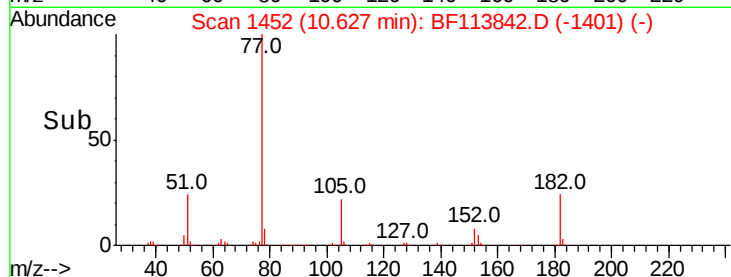
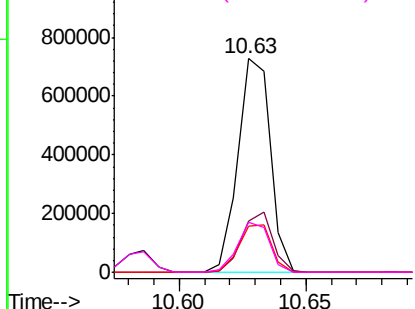
#63
Azobenzene
Concen: 40.564 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 648632
Ion Ratio Lower Upper
77 100
182 24.1 4.4 44.4
105 21.8 2.2 42.2
51 23.7 3.9 43.9

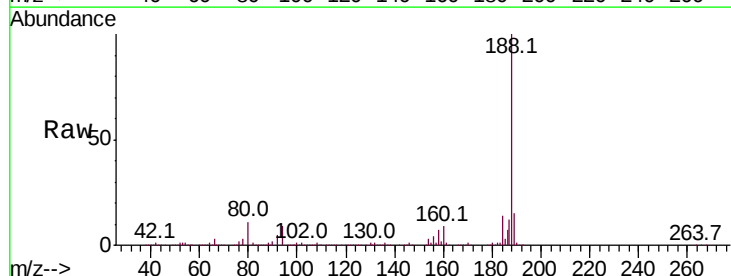


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

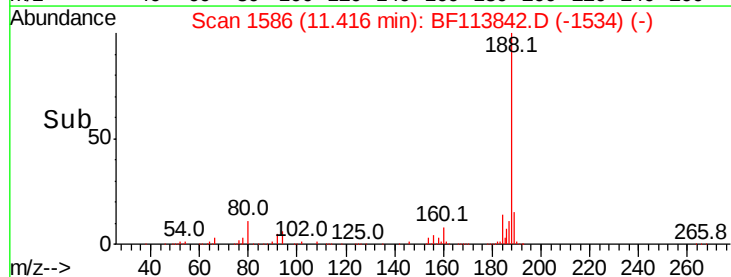
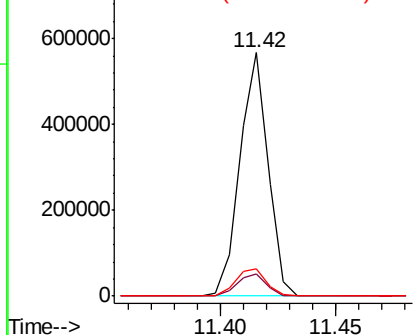


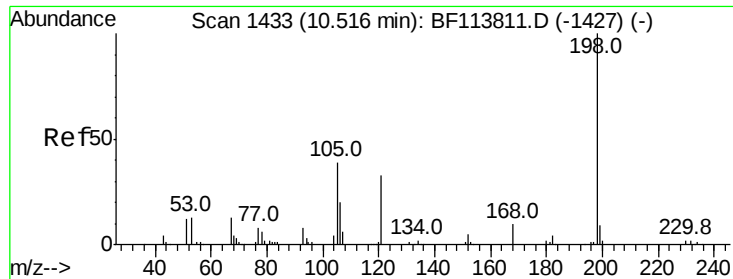
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion: 188 Resp: 481768
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 11.4 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

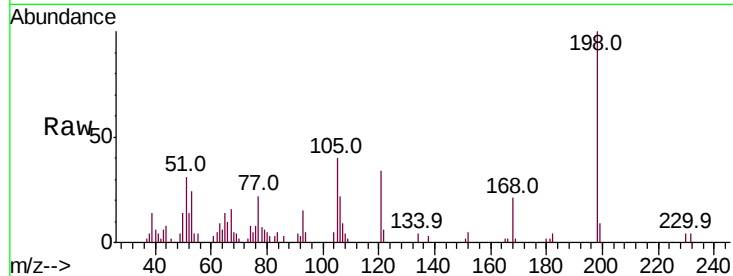




#65
4,6-Dinitro-2-methylphenol
Concen: 12.445 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.5	11.1	51.1
105	40.2	20.7	60.7

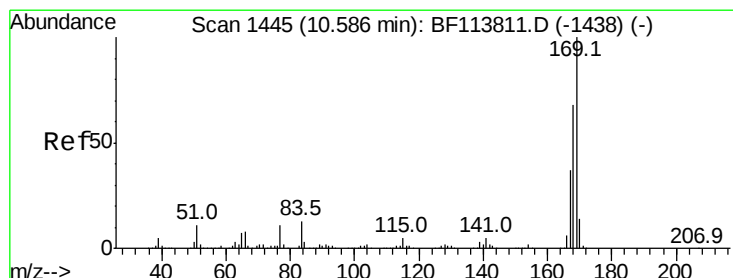
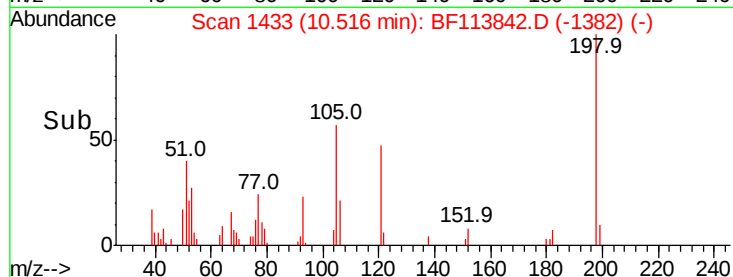
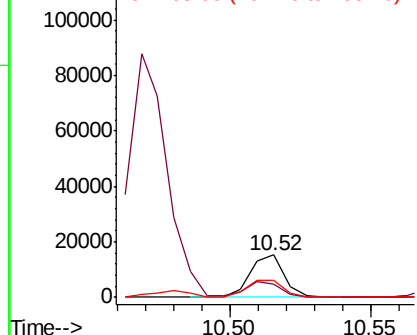


Abundance

Ion 198.00 (197.70 to 198.70): E

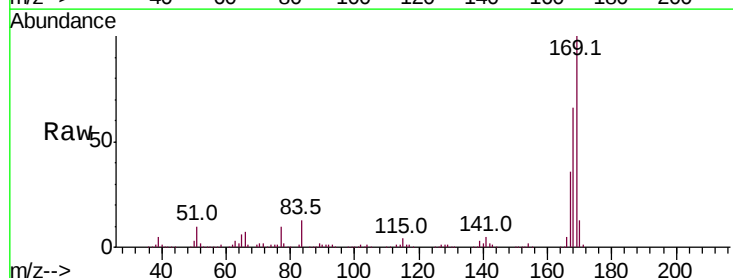
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.690 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	54.3	81.5
167	35.6	29.4	44.0

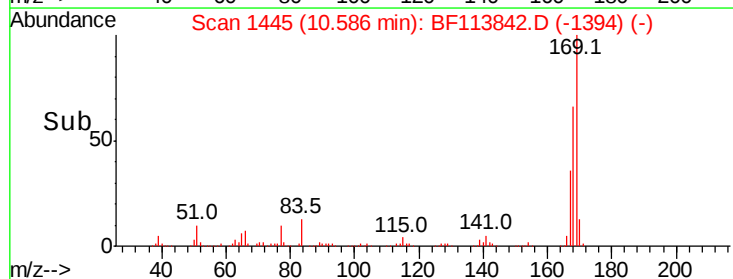
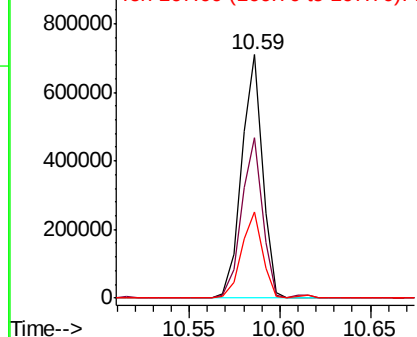


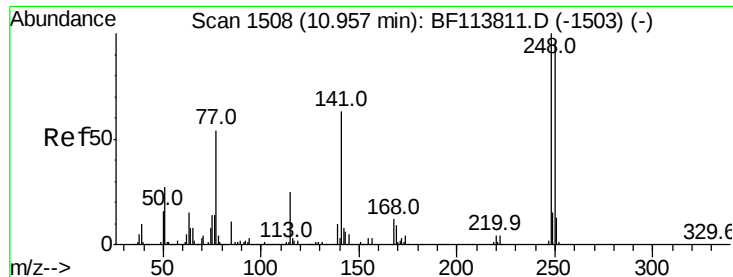
Abundance

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

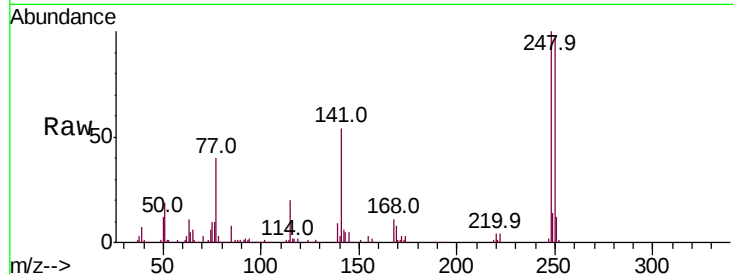




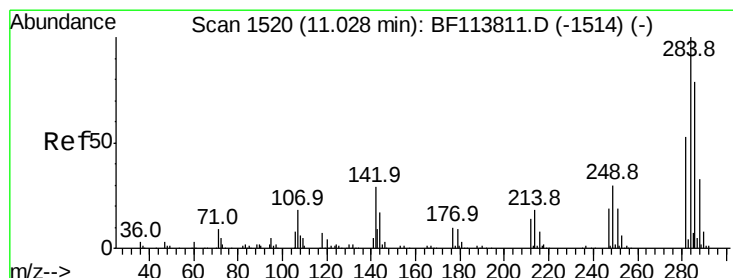
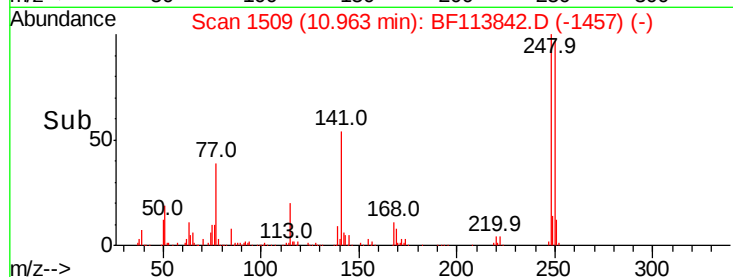
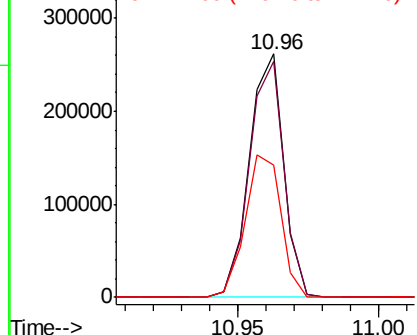
#67
4-Bromophenyl-phenylether
Concen: 39.113 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 221280
Ion Ratio Lower Upper
248 100
250 97.2 75.8 113.6
141 54.4 50.2 75.4

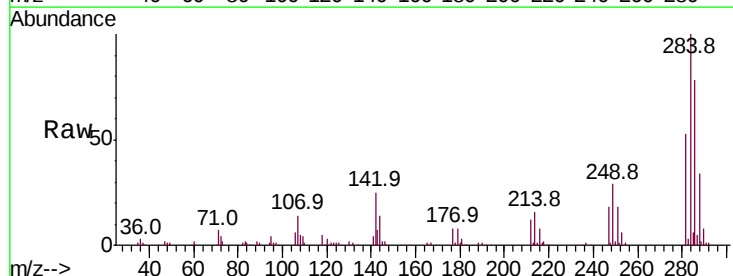


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

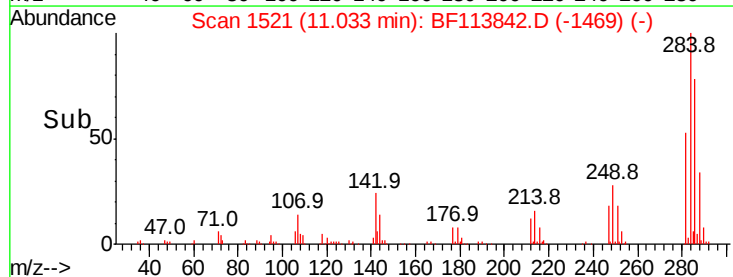
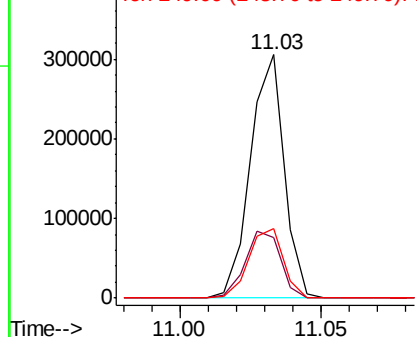


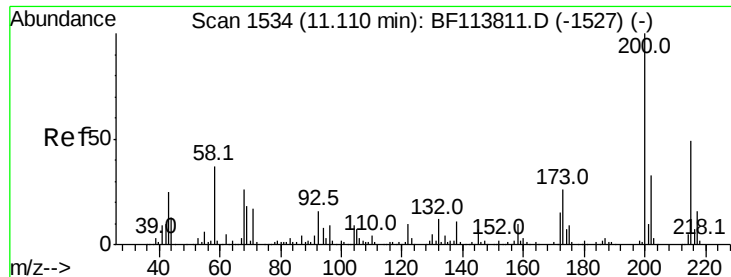
#68
Hexachlorobenzene
Concen: 40.671 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:284 Resp: 253045
Ion Ratio Lower Upper
284 100
142 24.7 23.0 34.4
249 28.5 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

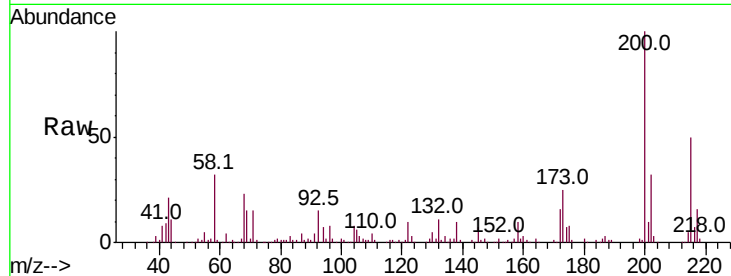




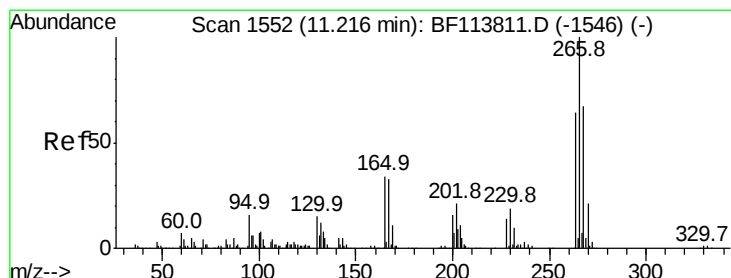
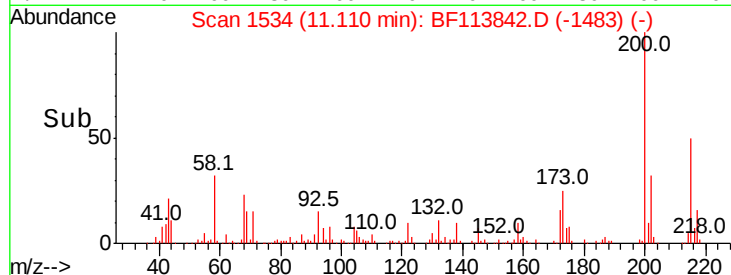
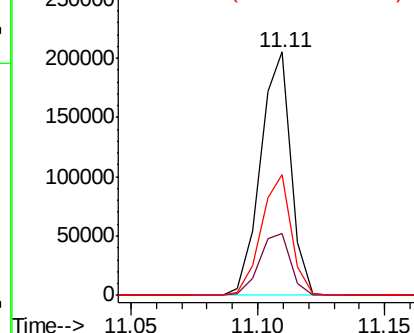
#69
Atrazine
Concen: 37.822 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 170891
Ion Ratio Lower Upper
200 100
173 25.4 5.9 45.9
215 49.6 29.3 69.3

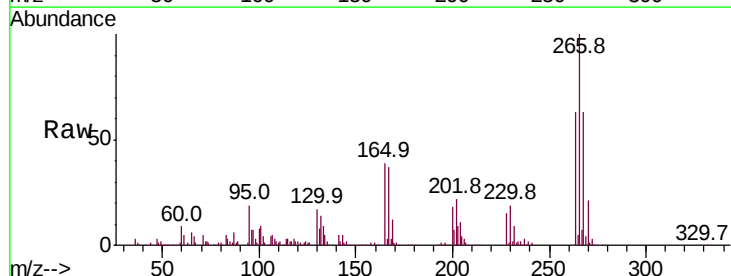


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

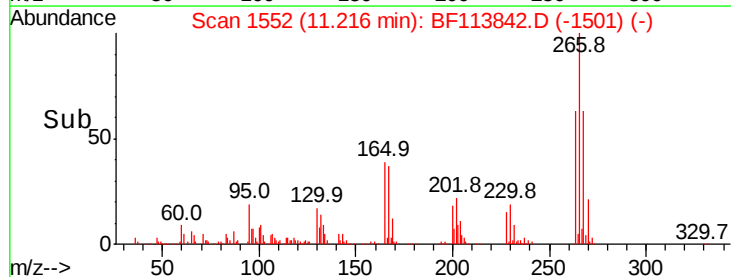
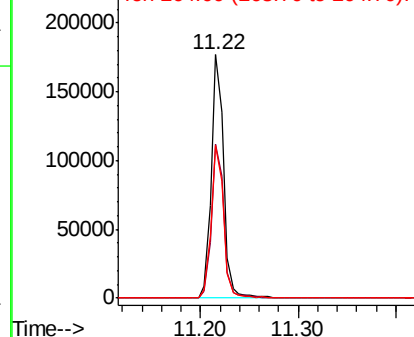


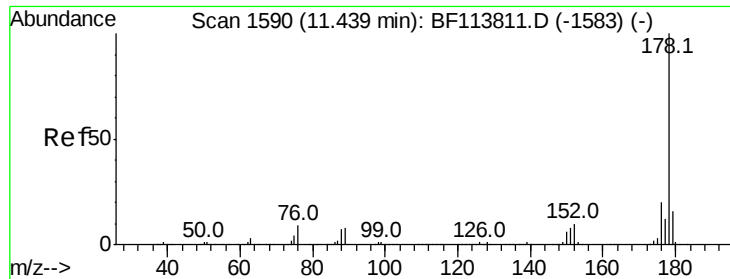
#70
Pentachlorophenol
Concen: 44.288 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:266 Resp: 156210
Ion Ratio Lower Upper
266 100
268 63.4 53.5 80.3
264 62.7 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

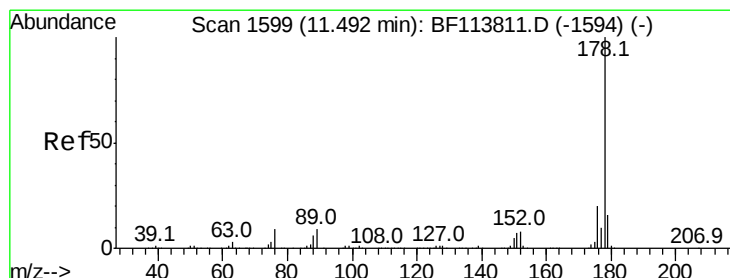
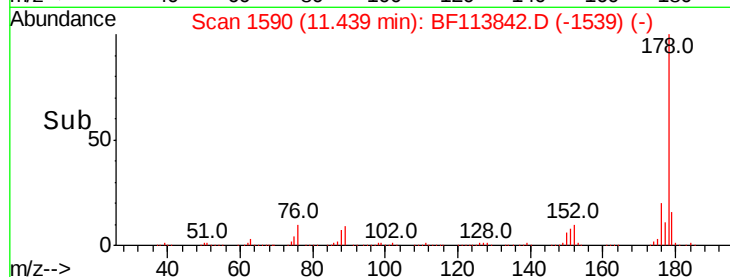
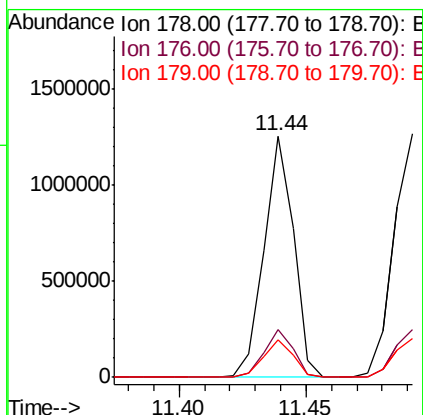
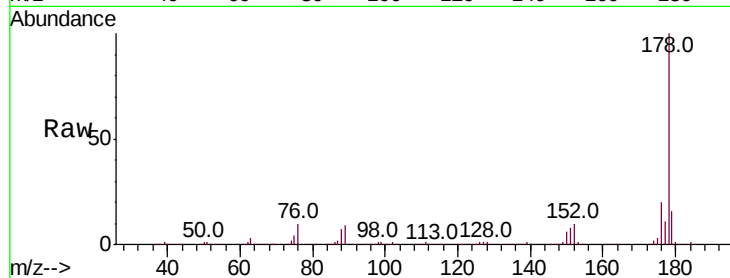




#71
 Phenanthrene
 Concen: 41.958 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

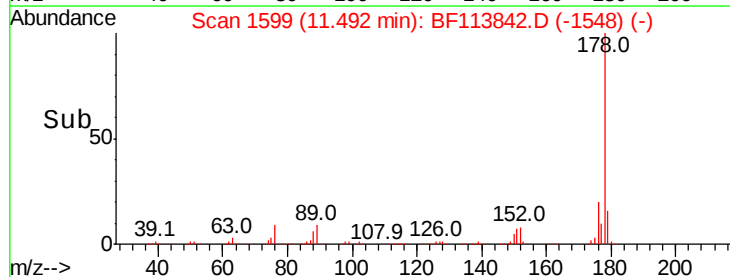
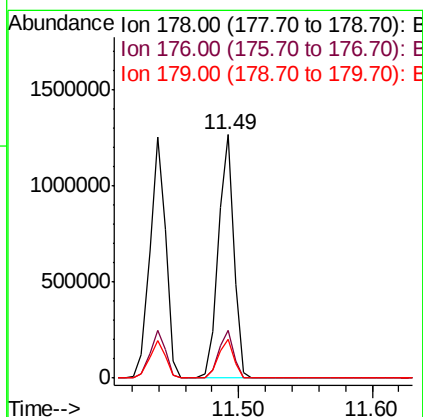
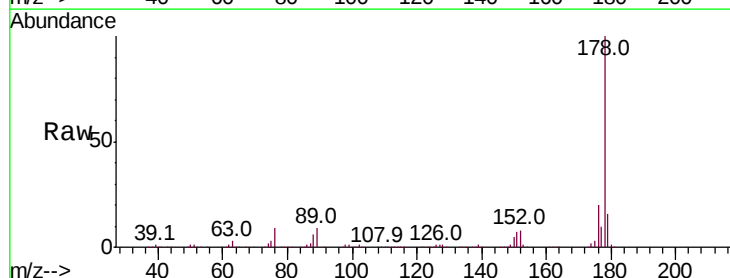
Instrument :
 BNA_F
 ClientSampleId :

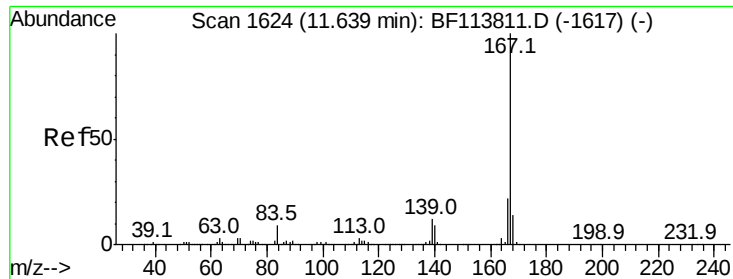
Tot Ion:178 Resp: 1029526
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.1 24.1
 179 15.8 12.8 19.2



#72
 Anthracene
 Concen: 42.001 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion:178 Resp: 1038495
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 16.1 13.0 19.4





#73

Carbazole

Concen: 43.064 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

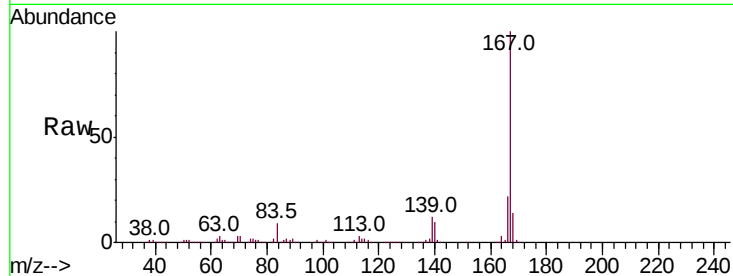
Tot Ion:167 Resp: 966743

Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

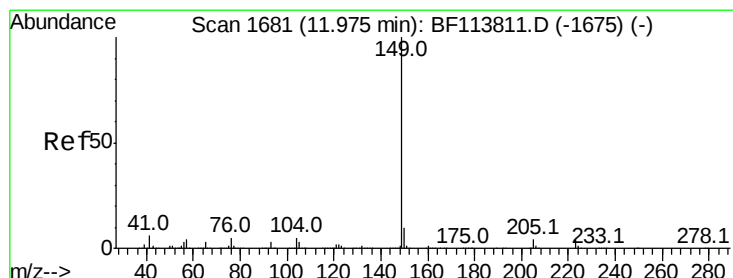
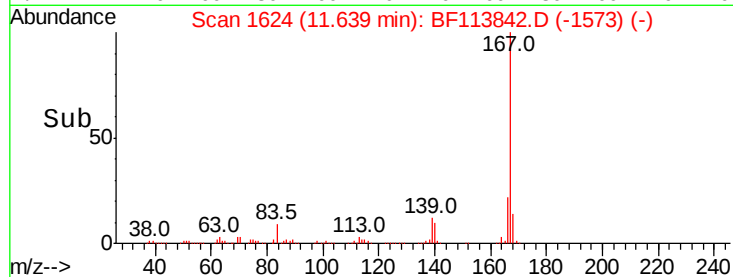
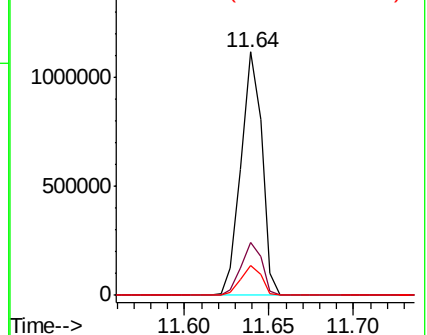
139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.799 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

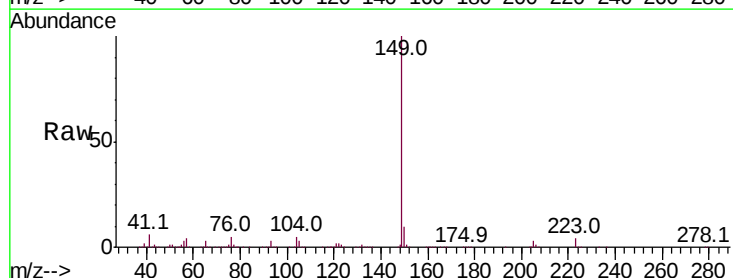
Tgt Ion:149 Resp: 1094308

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

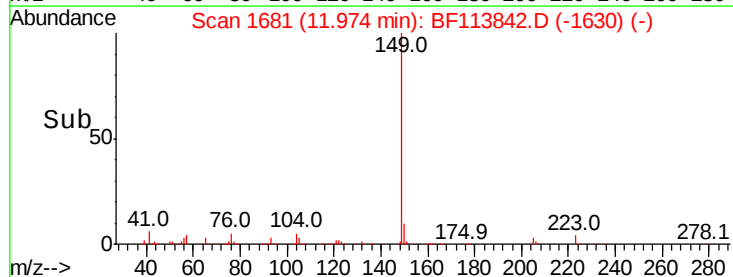
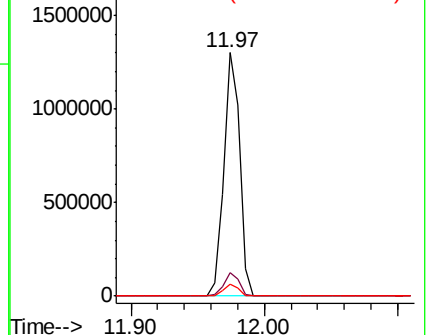
104 4.8 3.8 5.8

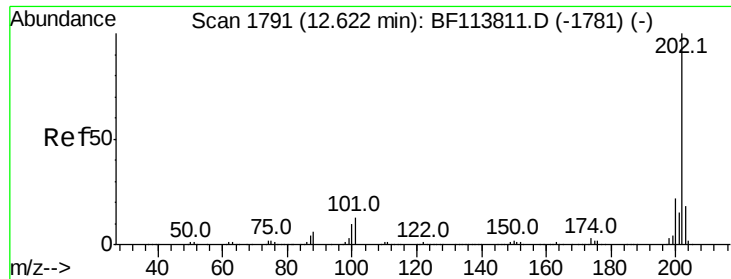


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

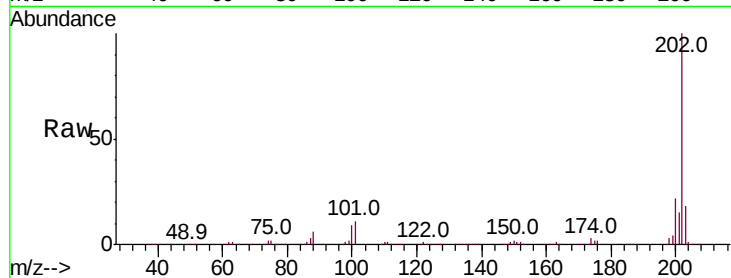




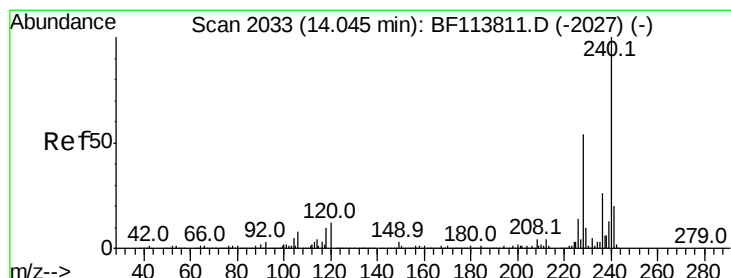
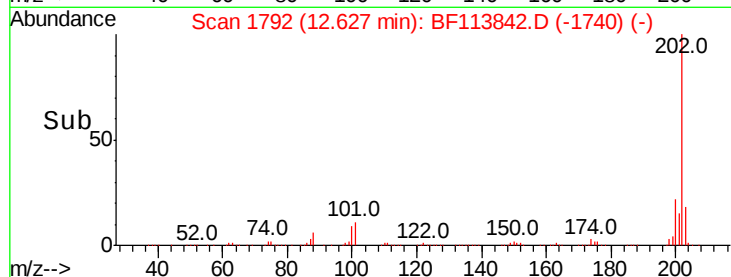
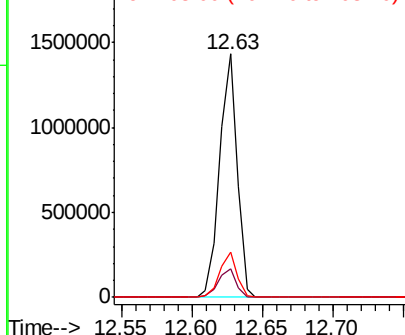
#75
Fluoranthene
Concen: 47.549 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1236475
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.9
203 18.4 0.0 38.2

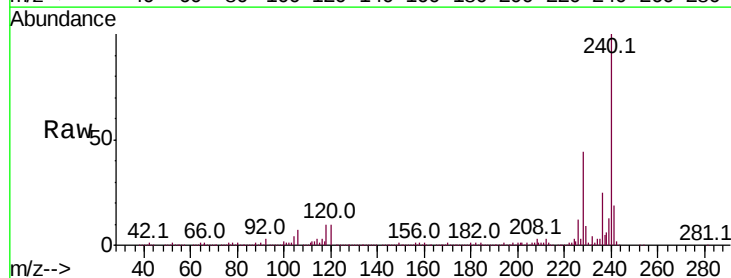


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

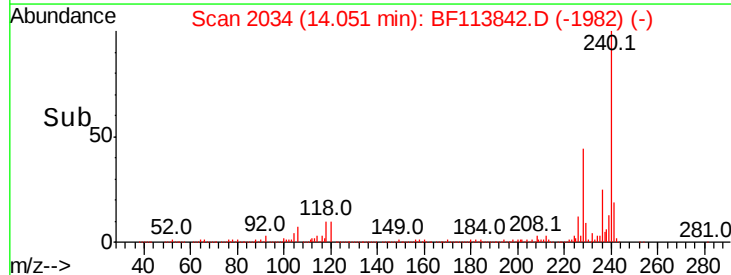
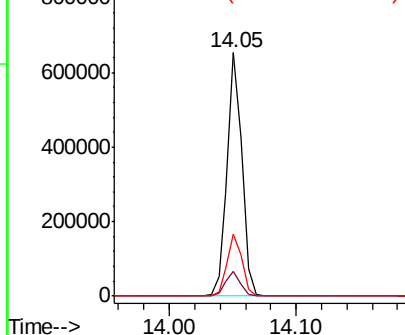


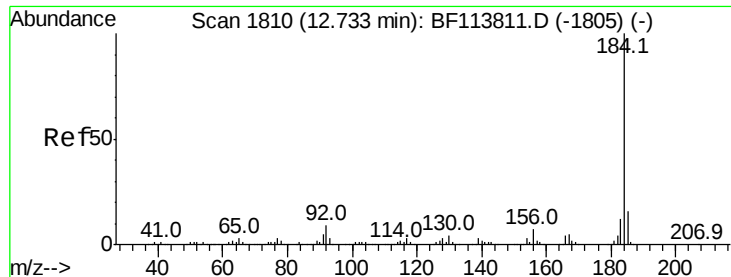
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:240 Resp: 529509
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 25.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.119 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

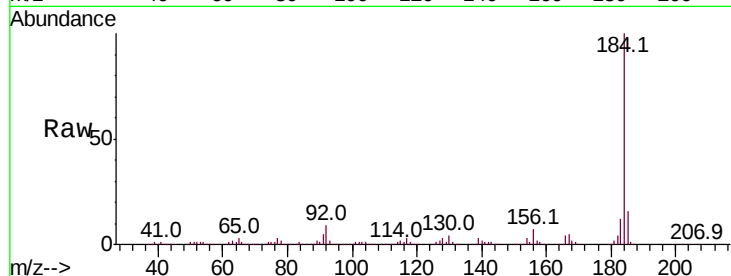
Tot Ion:184 Resp: 773232

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

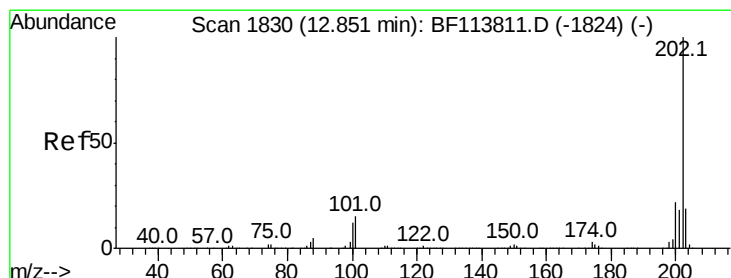
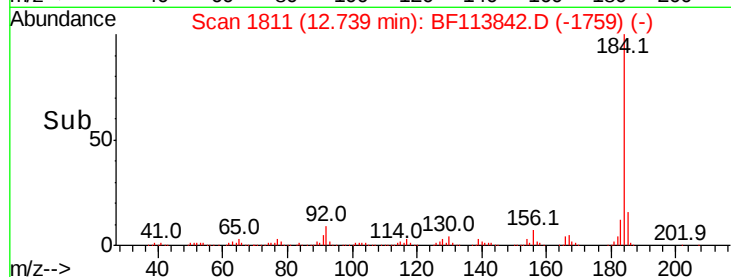
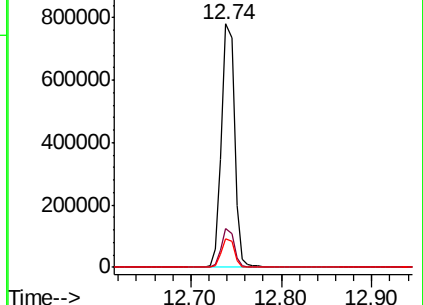
183 11.7 9.4 14.0



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: 34.070 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

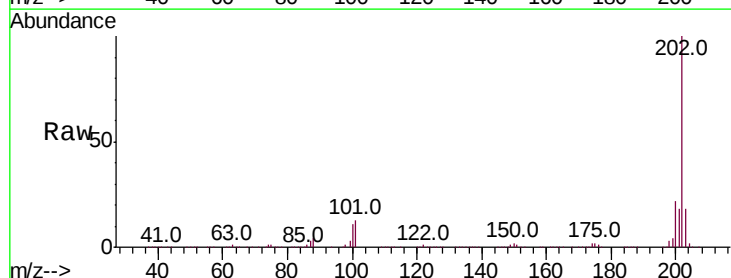
Tgt Ion:202 Resp: 1271432

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

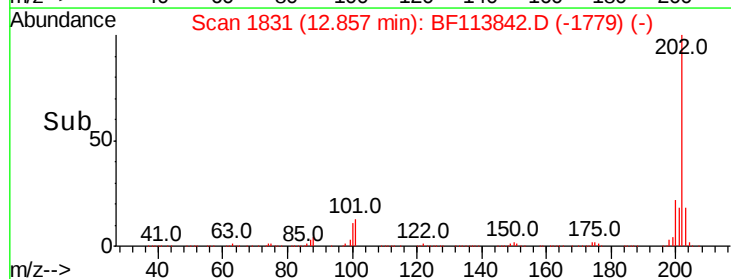
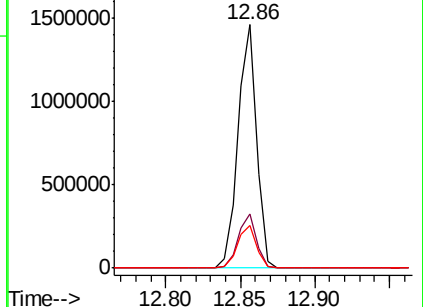
203 17.7 15.0 22.6

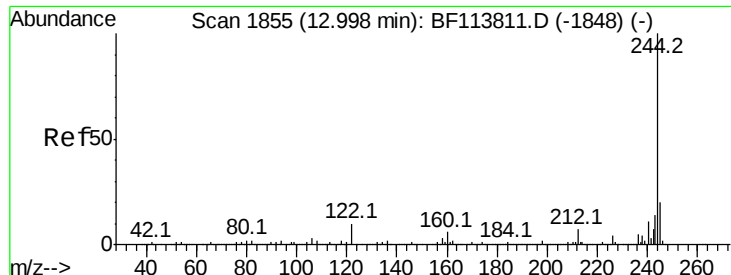


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.641 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampled :

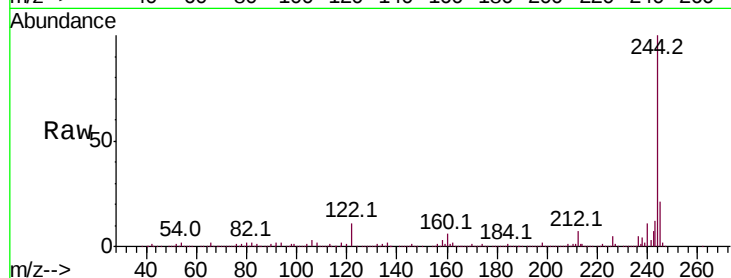
Tot Ion:244 Resp: 1809046

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

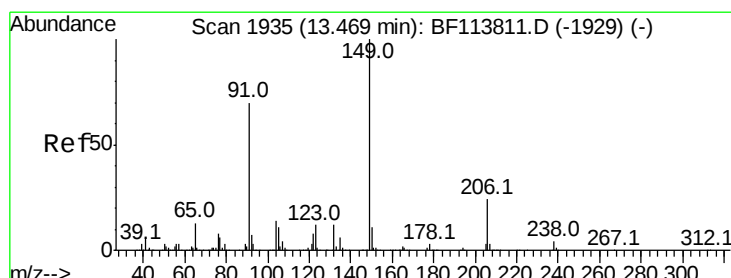
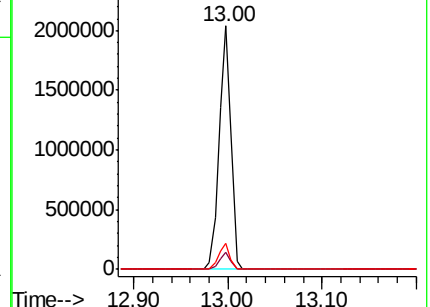
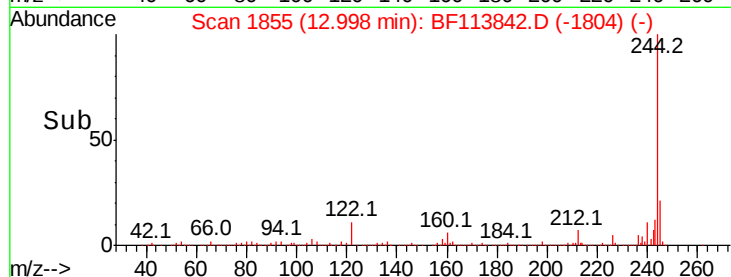
122 10.5 7.6 11.4



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: 38.516 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

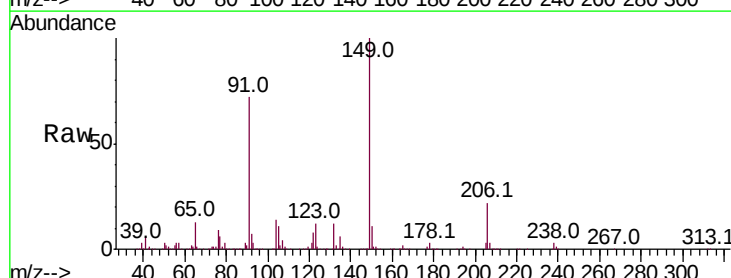
Tgt Ion:149 Resp: 532439

Ion Ratio Lower Upper

149 100

91 71.5 56.3 84.5

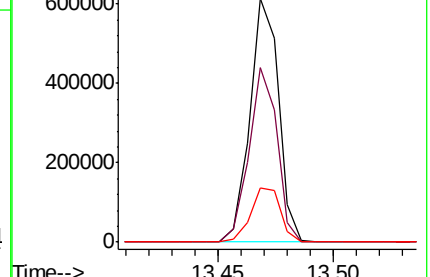
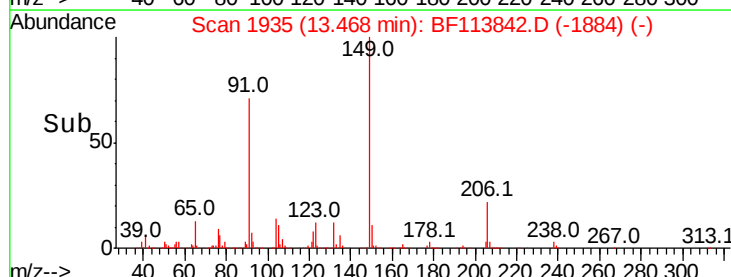
206 22.3 19.0 28.6

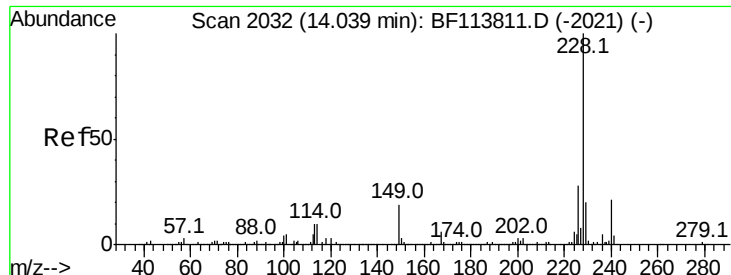


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

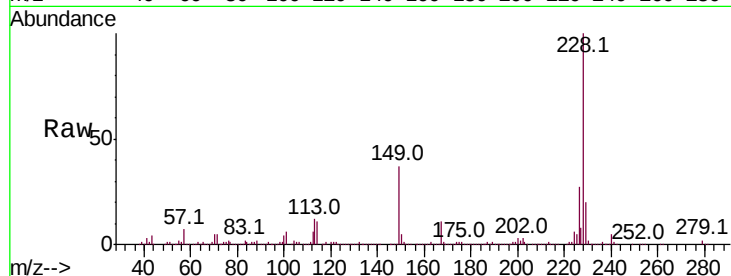




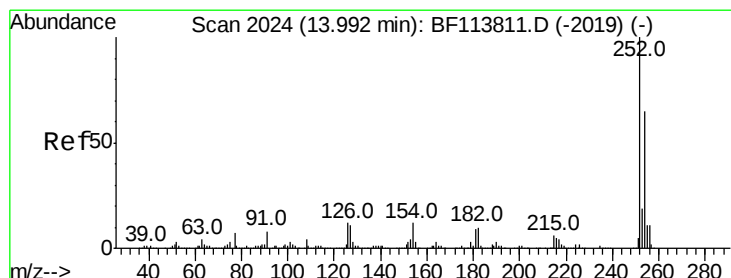
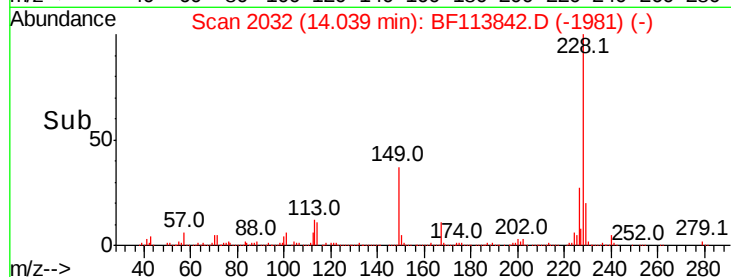
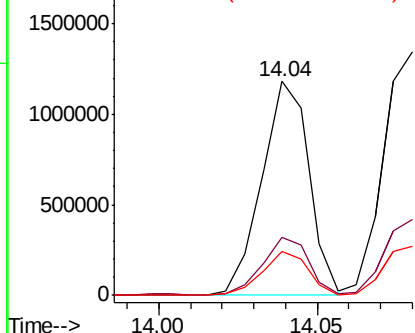
#81
Benzo(a)anthracene
Concen: 39.614 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1226162
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.4 16.0 24.0

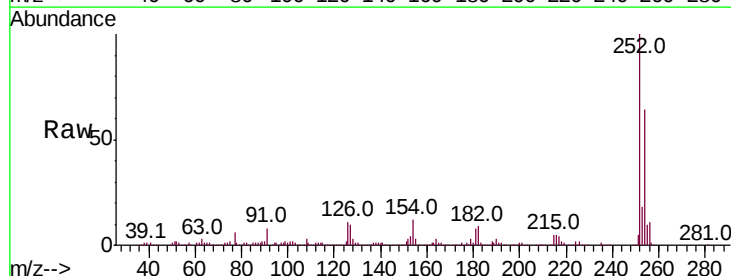


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

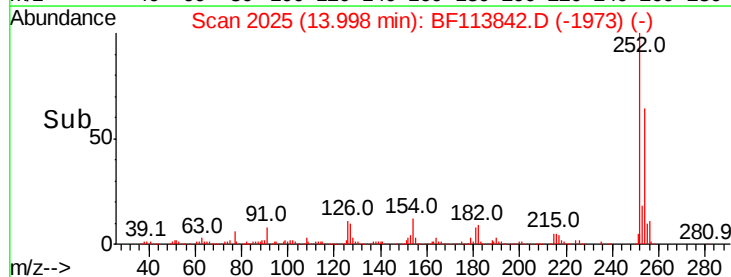
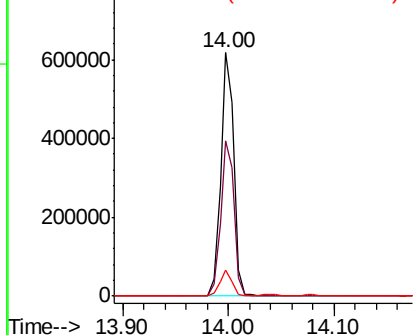


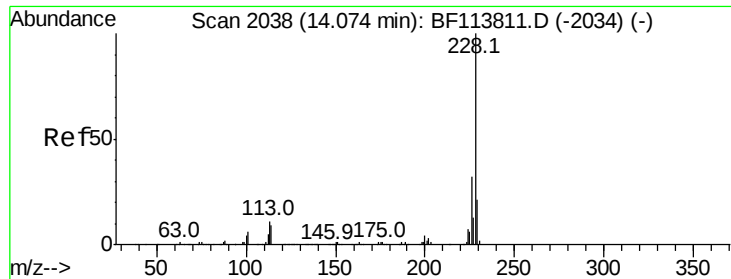
#82
3,3'-Dichlorobenzidine
Concen: 48.690 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:252 Resp: 535656
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 10.6 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

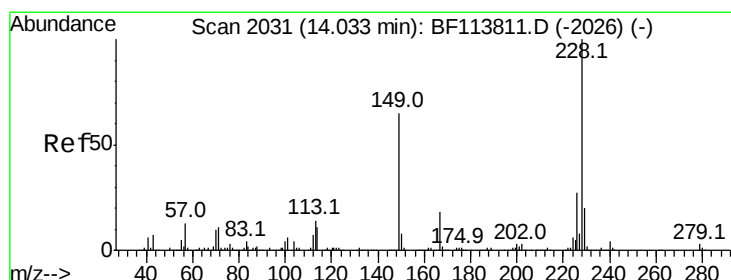
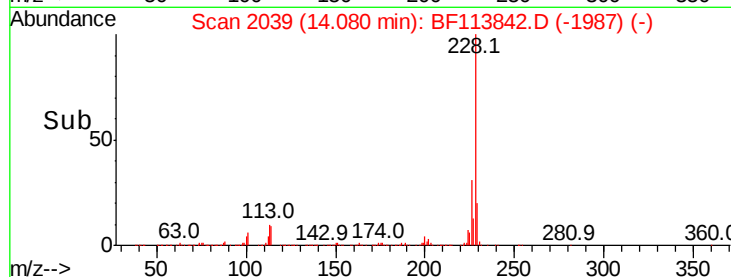
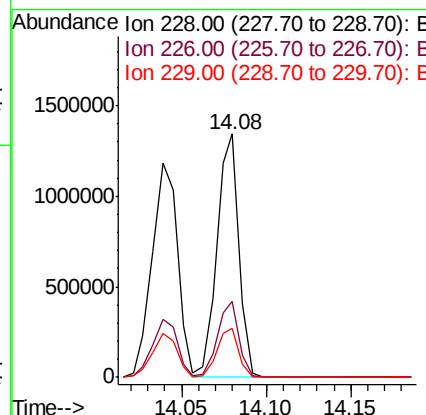
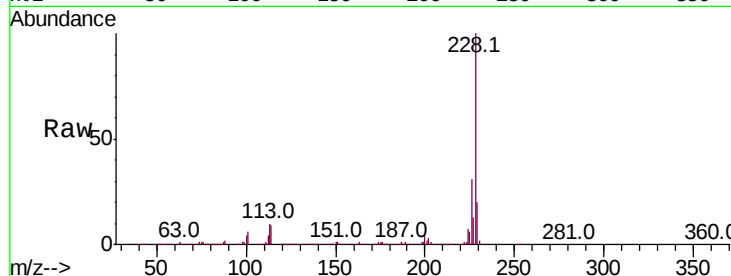




#83
 Chrvsene
 Concen: 39.543 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

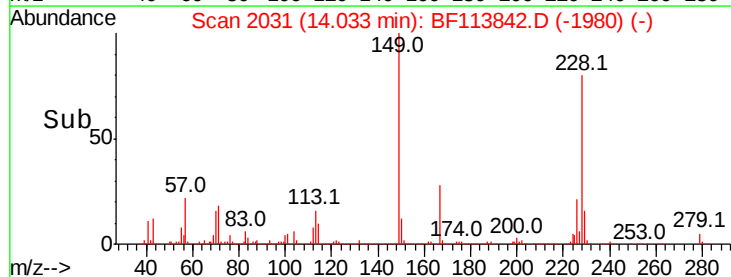
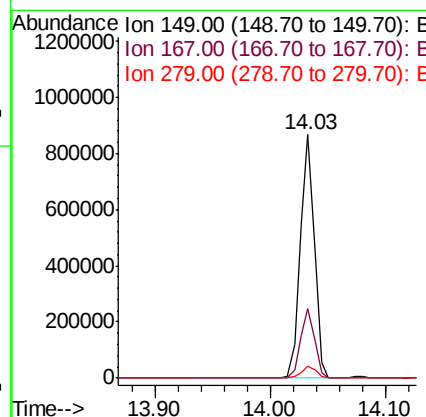
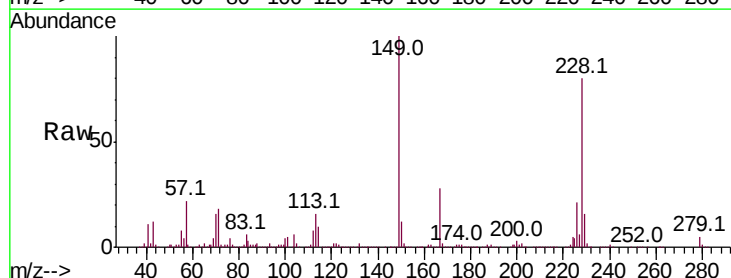
Instrument :
 BNA_F
 ClientSampleId :

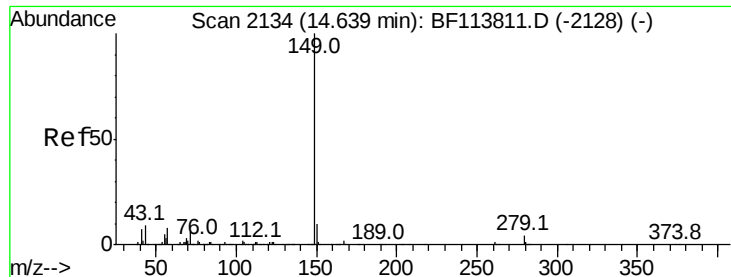
Tot Ion:228 Resp: 1214857
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.2 37.8
 229 20.2 16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.866 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion:149 Resp: 725446
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.9 34.3
 279 4.9 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 50.811 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

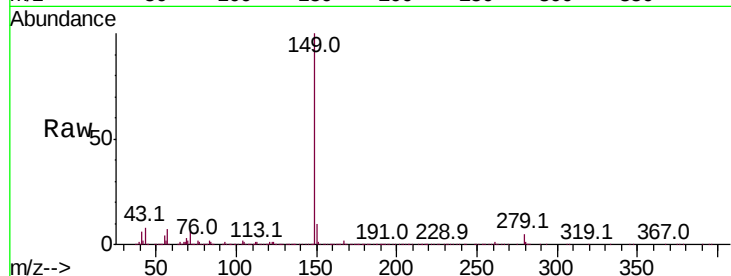
Tot Ion:149 Resp: 1303786

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

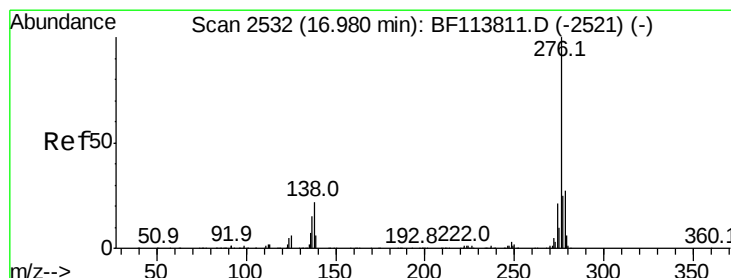
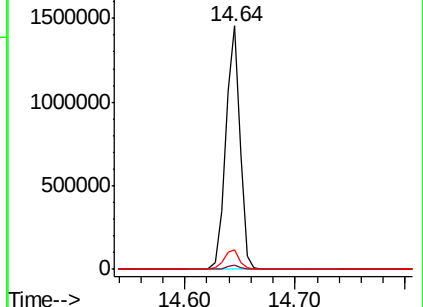
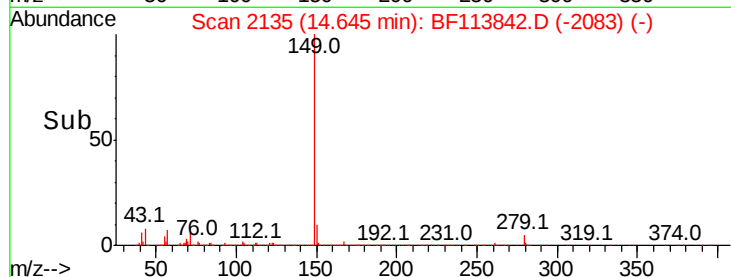
43 8.1 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 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: 35.526 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

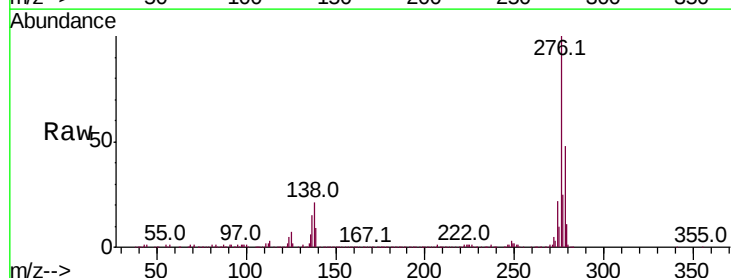
Tgt Ion:276 Resp: 891006

Ion Ratio Lower Upper

276 100

138 23.4 19.6 29.4

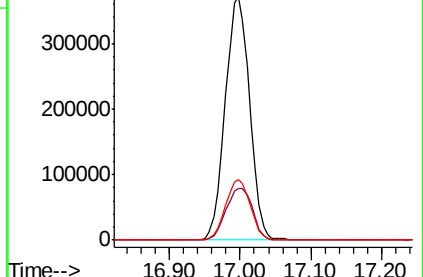
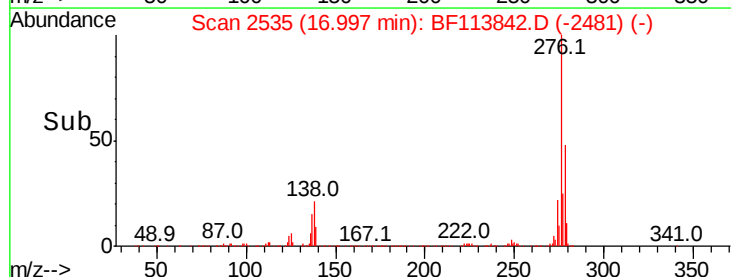
277 25.5 20.2 30.4

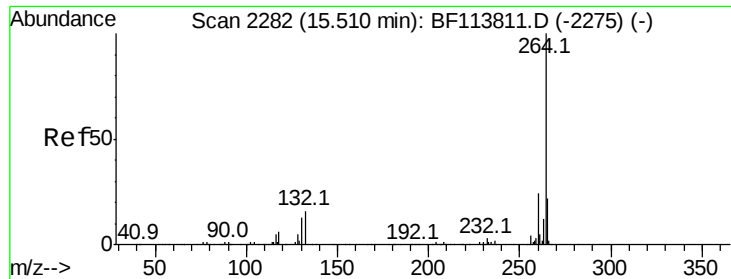


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



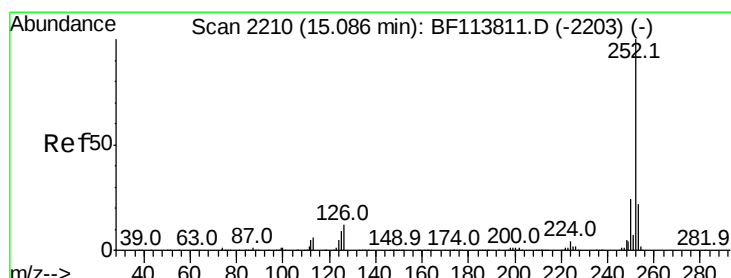
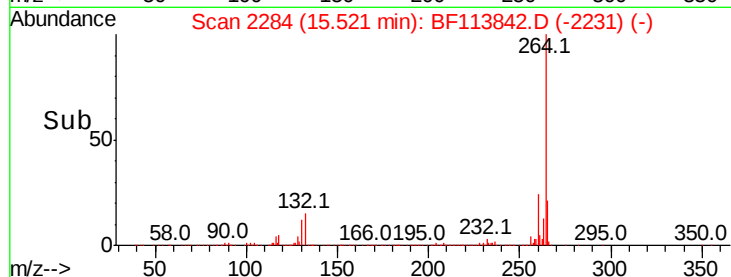
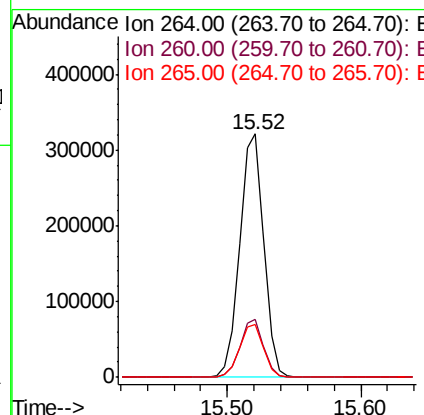
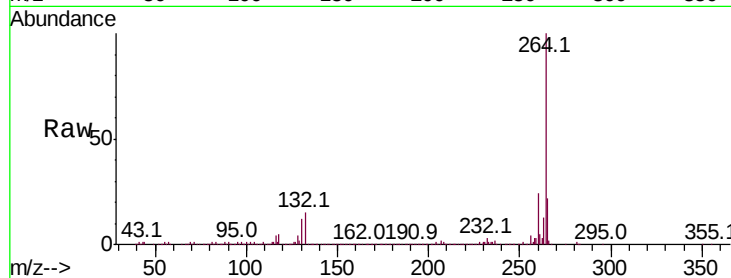


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 402971

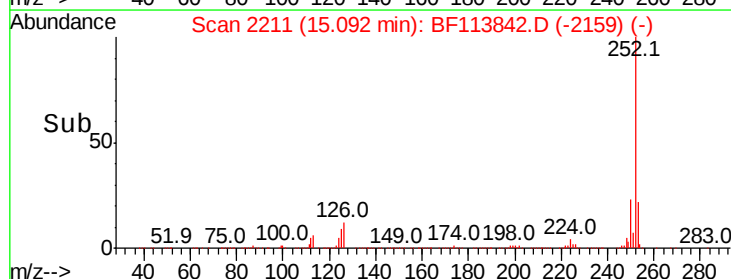
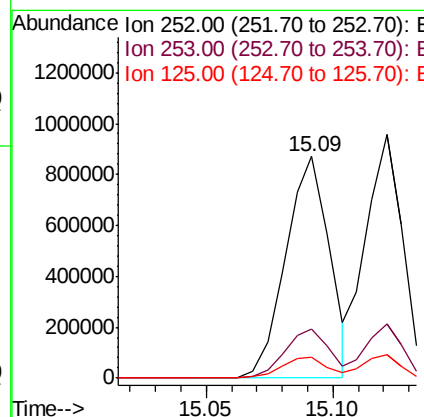
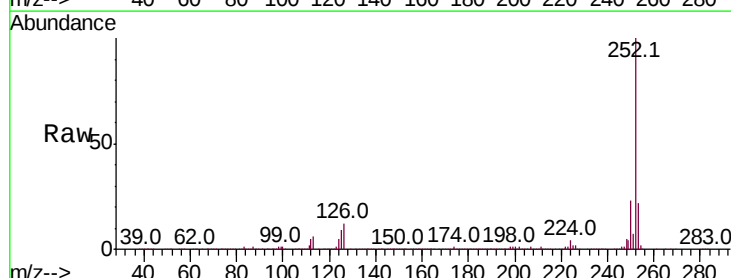
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.5	17.3	25.9

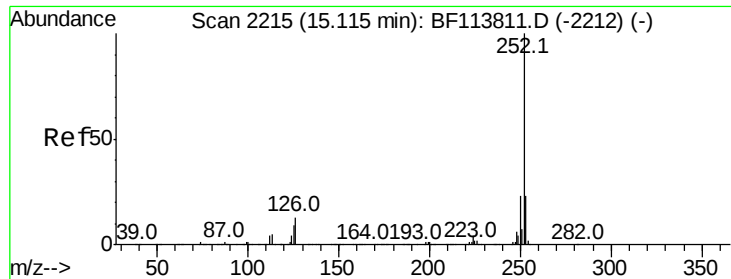


#88
Benzo(b)fluoranthene
Concen: 41.778 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:252 Resp: 1049515

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.3	7.0	10.6

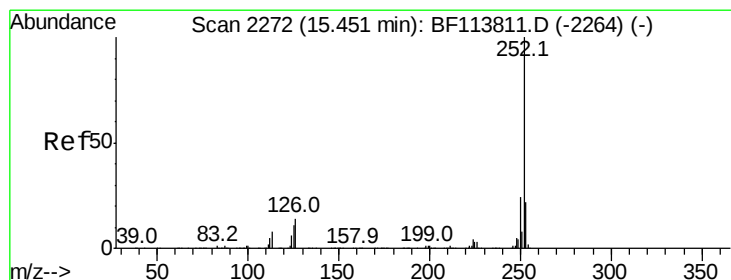
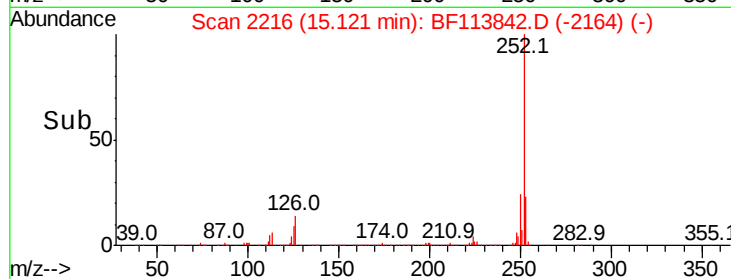
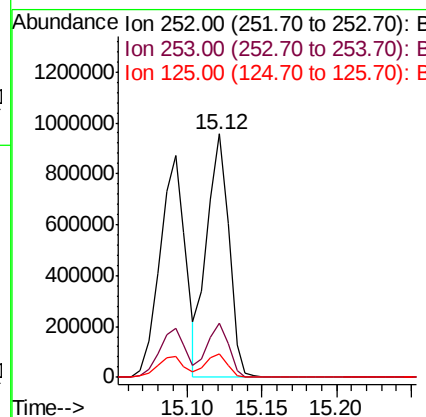
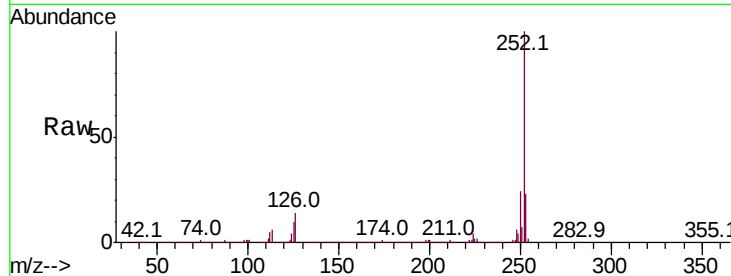




#89
Benzo(k)fluoranthene
Concen: 42.477 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

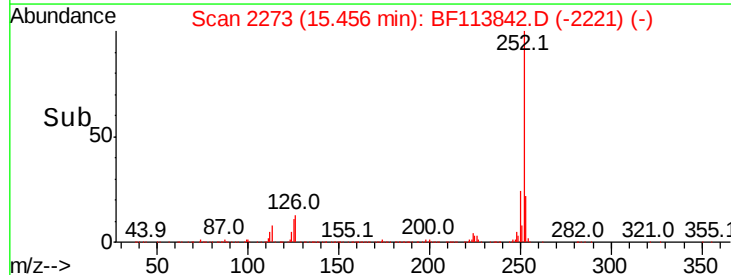
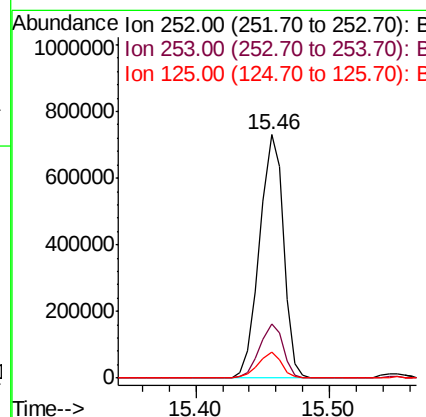
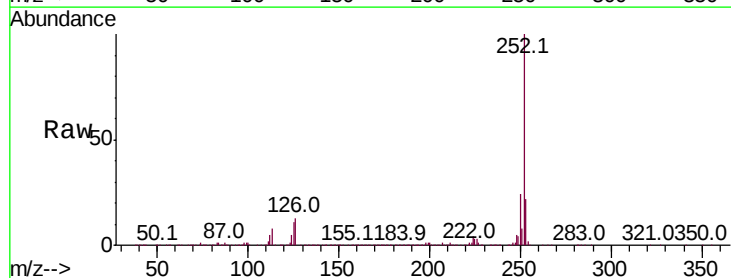
Instrument :
BNA_F
ClientSampleId :

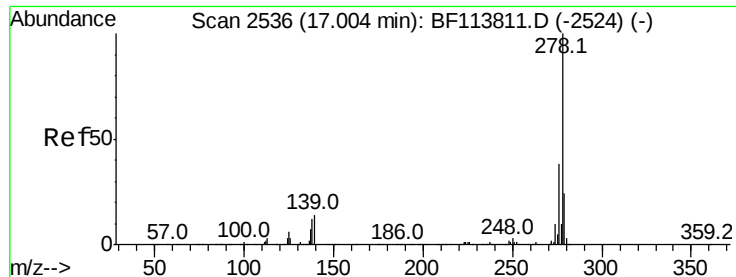
Tot Ion:252 Resp: 971899
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.481 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion:252 Resp: 899198
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 37.974 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

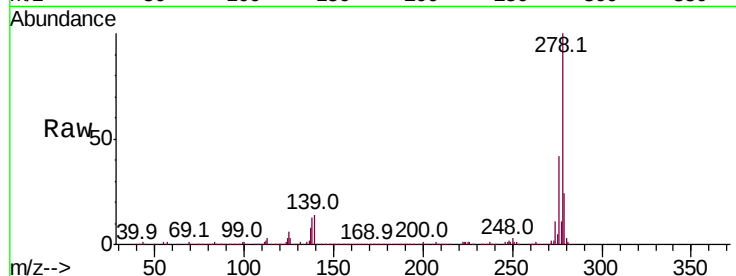
Tot Ion:278 Resp: 750543

Ion Ratio Lower Upper

278 100

139 14.3 11.6 17.4

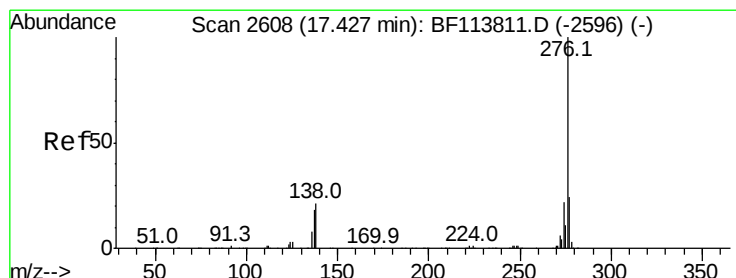
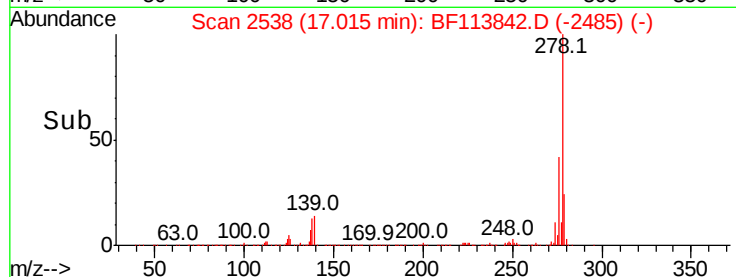
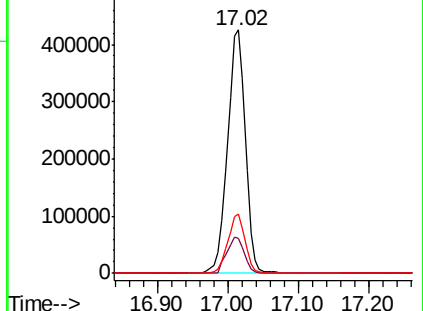
279 24.2 19.0 28.6



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: 34.659 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.02 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

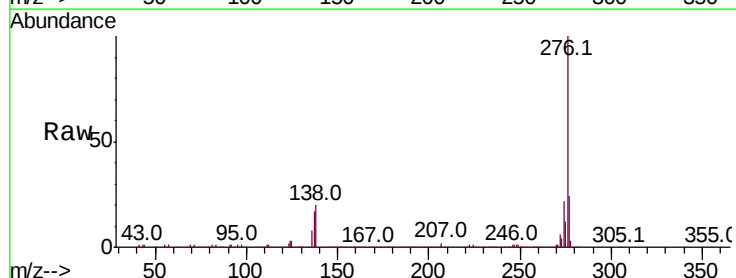
Tgt Ion:276 Resp: 696265

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.6 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

