

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 :
 SSTDCCC040

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

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

						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

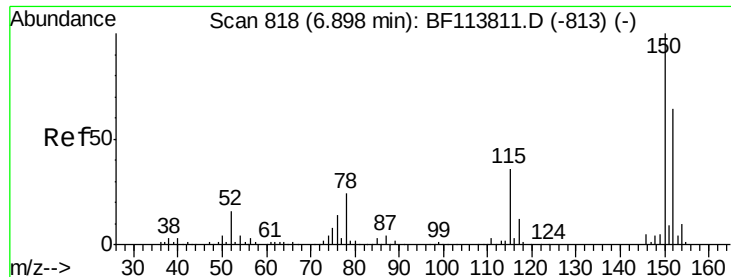
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	33877	8.370	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	200213	42.245	ng	99
44) 2,4,5-Trichlorophenol	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

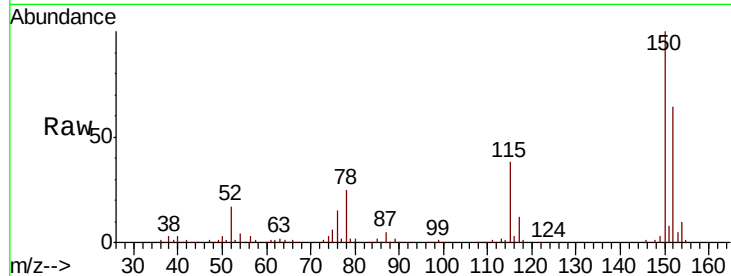
(#) = qualifier out of range (m) = manual integration (+) = signals summed



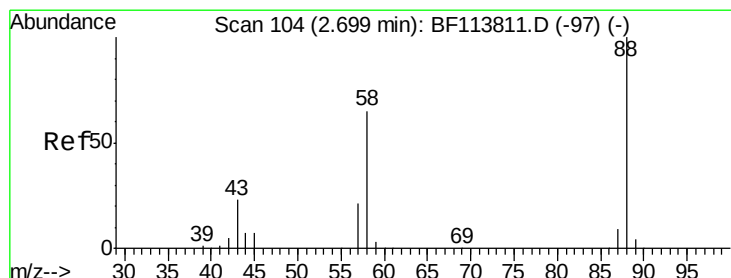
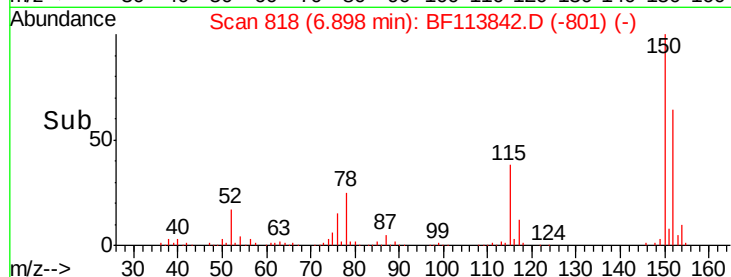
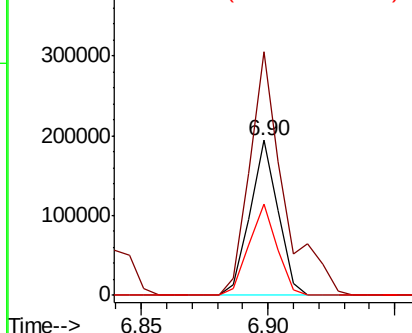
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

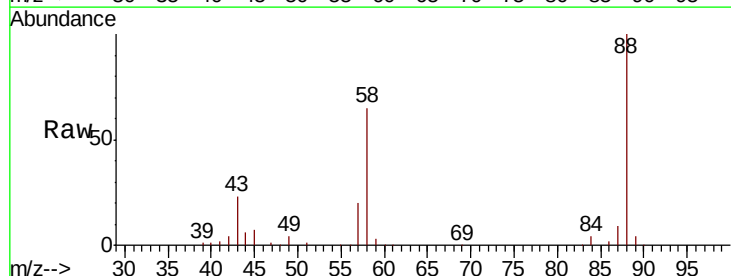


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

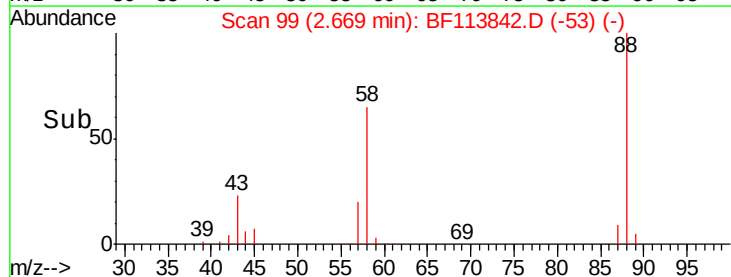
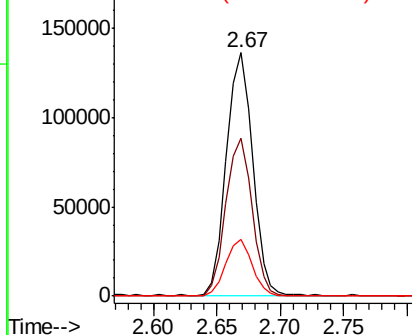


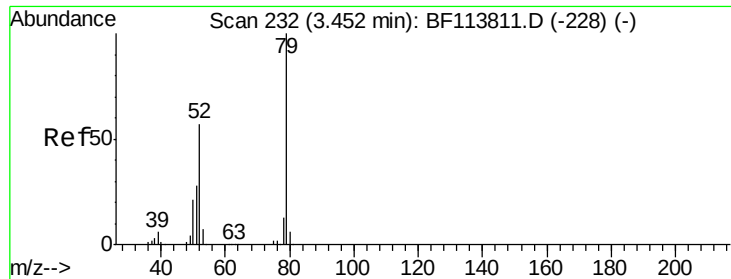
#2
 1,4-Dioxane
 Concen: 43.344 ng
 RT: 2.67 min Scan# 99
 Delta R.T. -0.03 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

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 :

SSTDCCC040

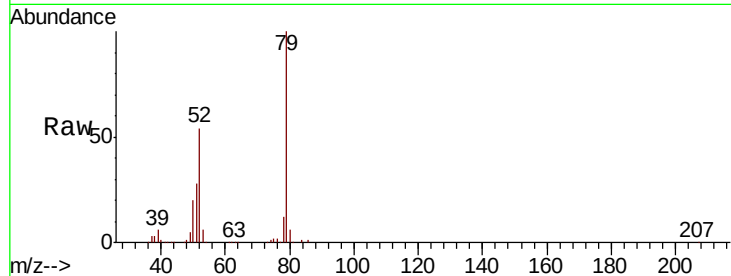
Tot Ion: 79 Resp: 526285

Ion Ratio Lower Upper

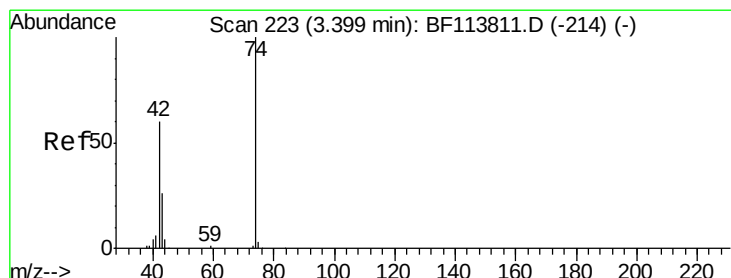
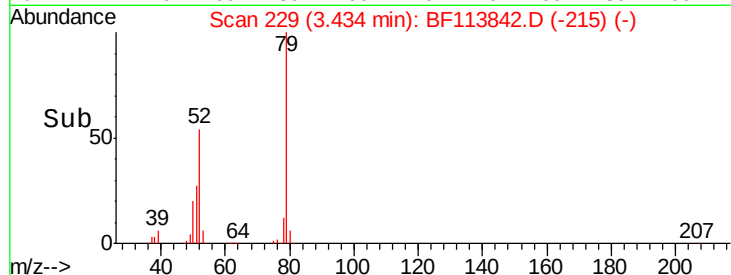
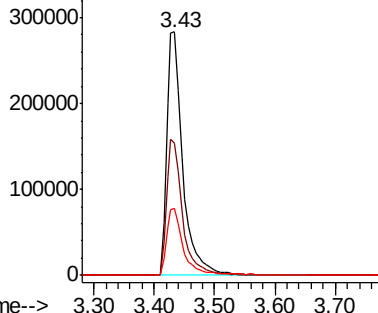
79 100

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

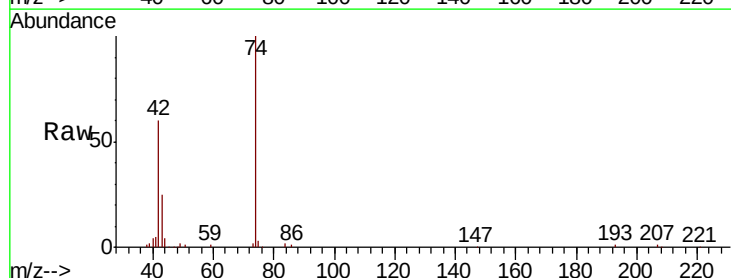
Tgt Ion: 42 Resp: 180194

Ion Ratio Lower Upper

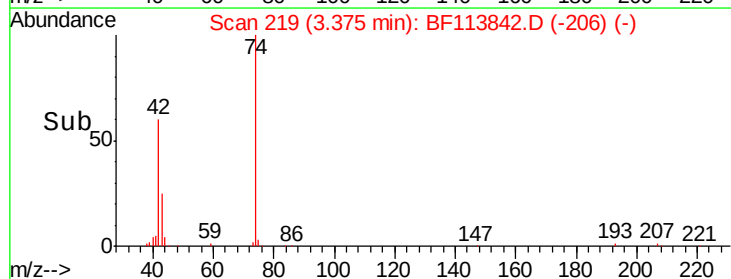
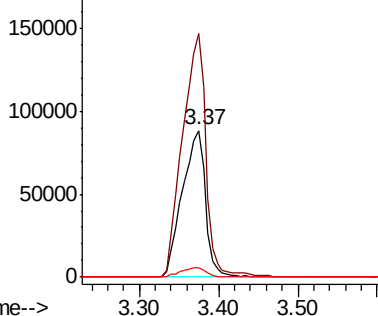
42 100

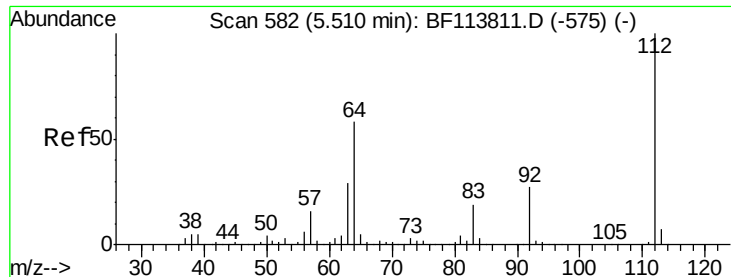
74 166.3 132.6 198.8

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

ClientSampleId :

SSTDCCC040

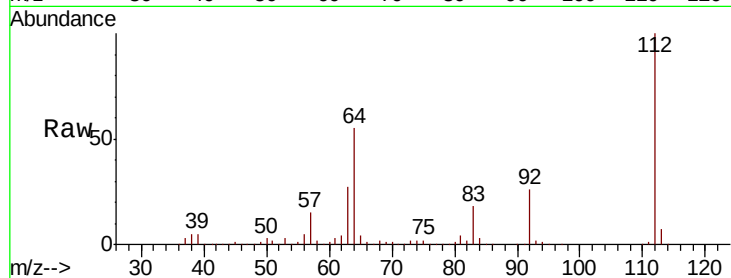
Tot Ion: 112 Resp: 783219

Ion Ratio Lower Upper

112 100

64 54.8 46.6 69.8

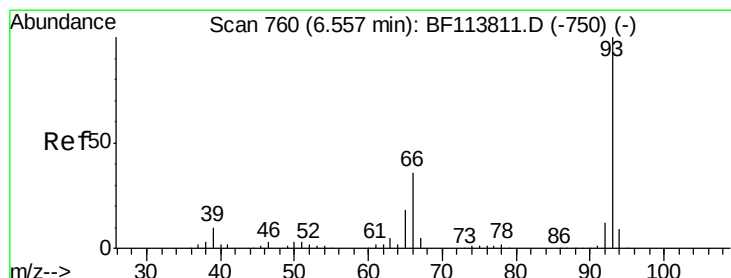
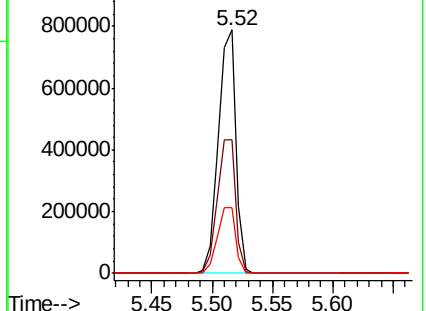
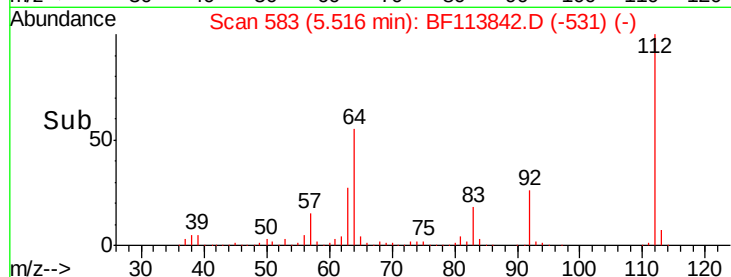
63 27.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 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

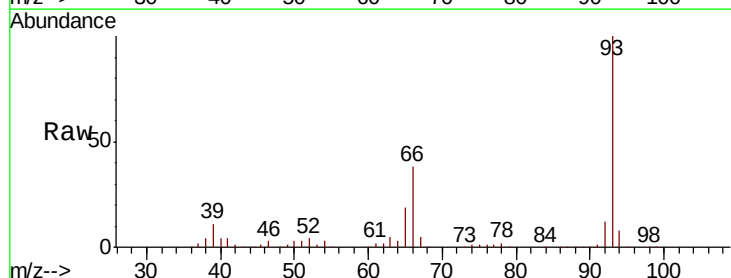
Tgt Ion: 93 Resp: 609069

Ion Ratio Lower Upper

93 100

66 37.7 29.8 44.6

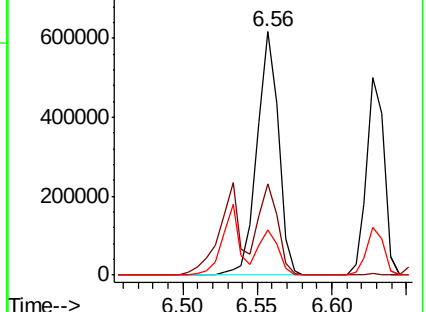
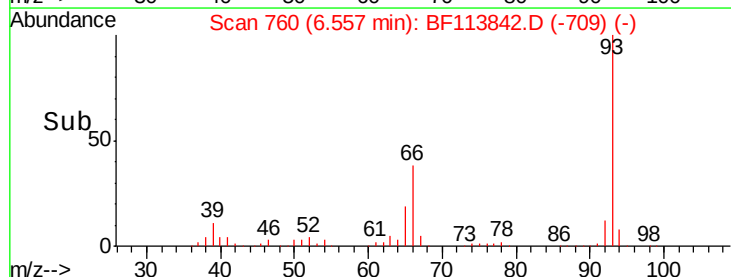
65 18.8 14.9 22.3

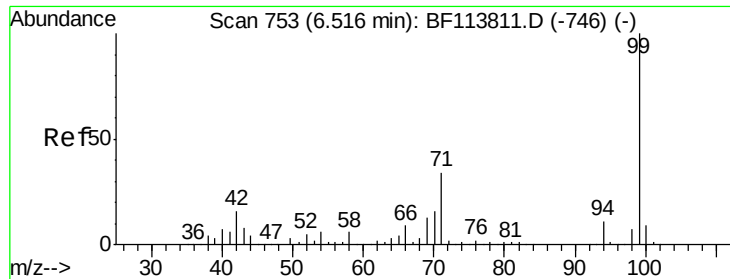


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 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

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ClientSampleId :

SSTDCCC040

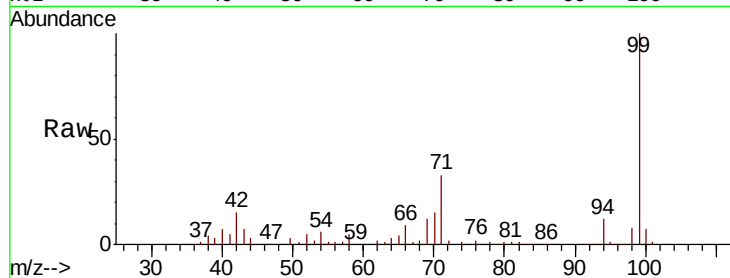
Tot Ion: 99 Resp: 902430

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

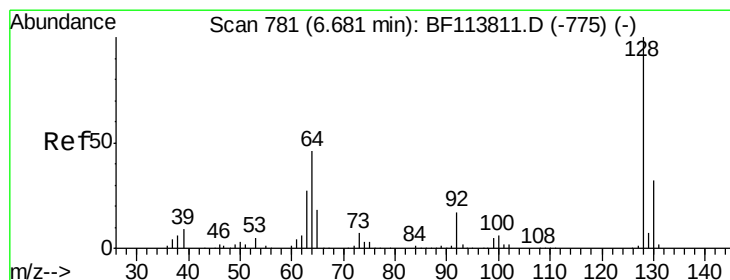
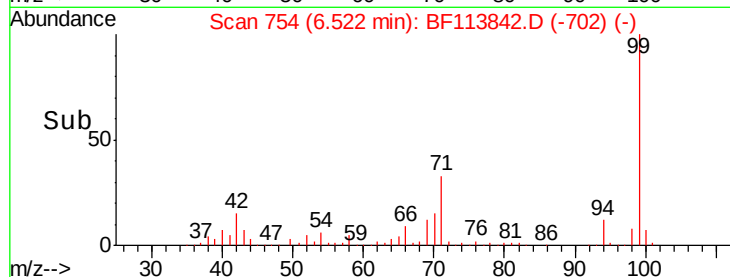
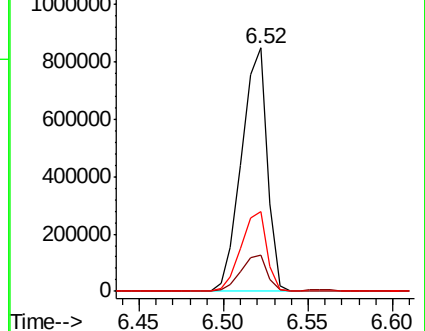
71 32.7 26.9 40.3



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

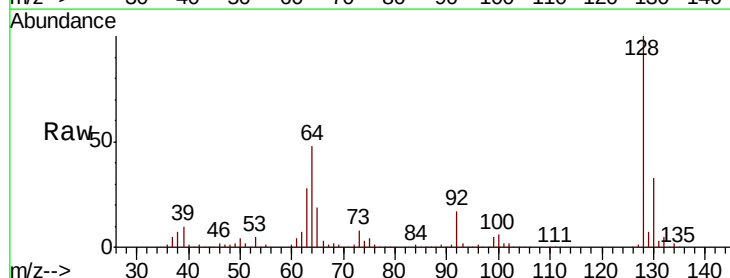
Tgt Ion: 128 Resp: 414043

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

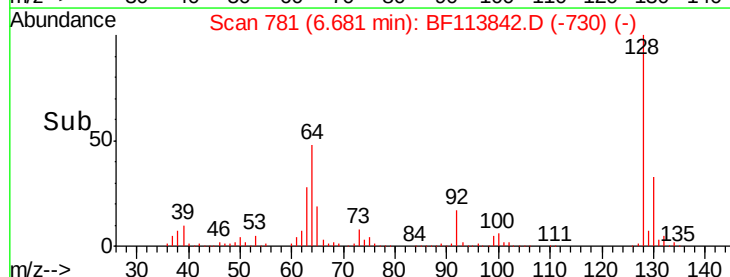
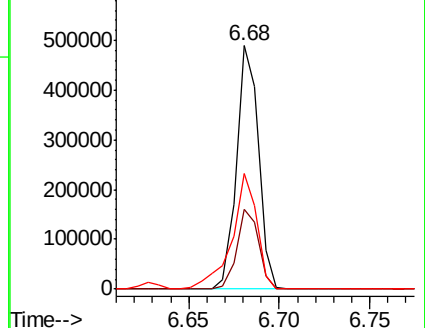
64 47.7 26.1 66.1

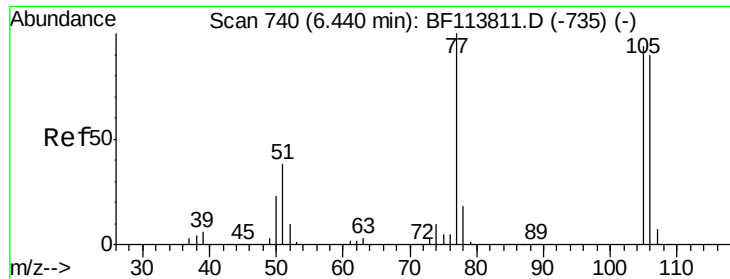


Abundance Ion 128.00 (127.70 to 128.70): E

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

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SSTDCCC040

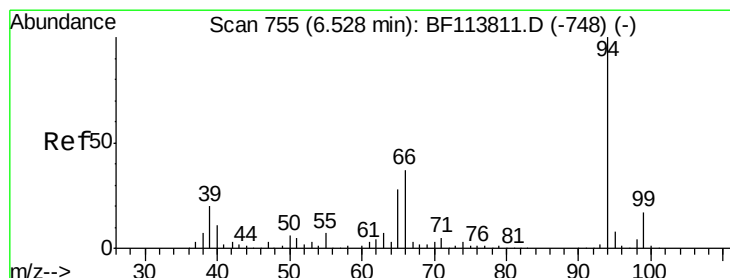
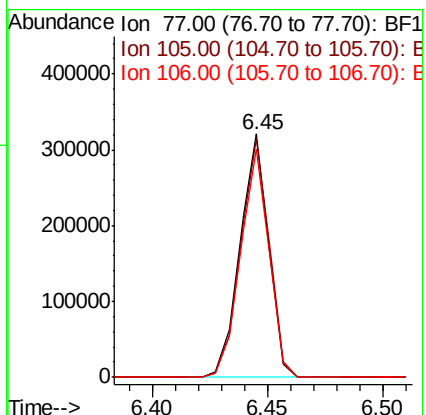
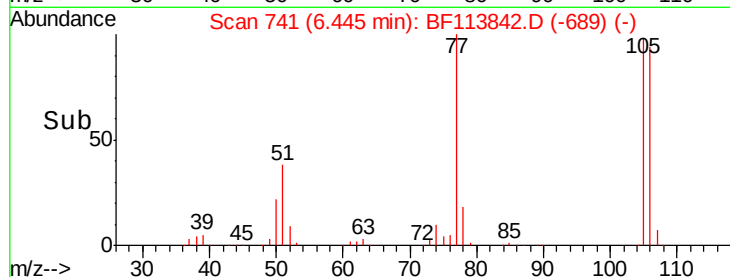
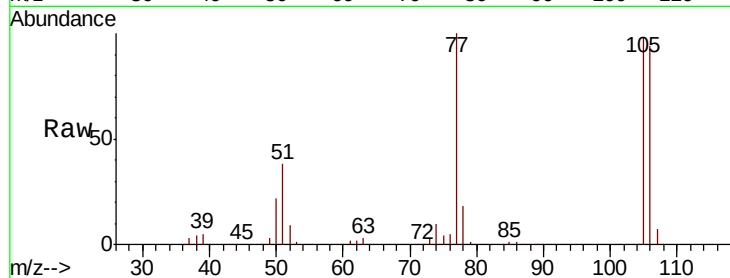
Tot Ion: 77 Resp: 274813

Ion Ratio Lower Upper

77 100

105 98.0 74.1 114.1

106 93.9 70.3 110.3



#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

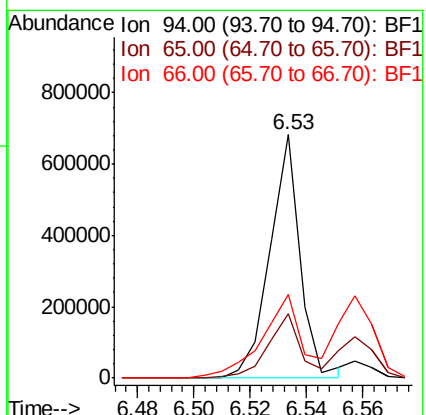
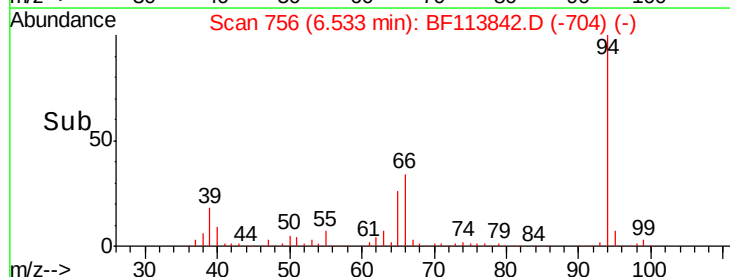
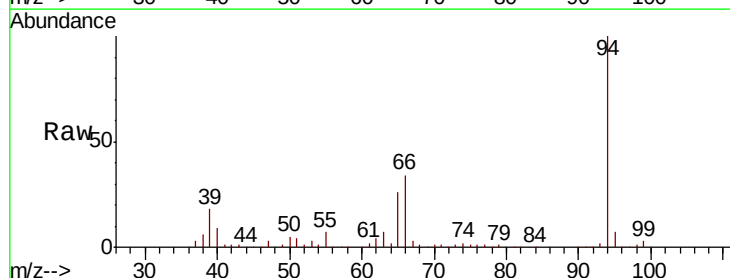
Tgt Ion: 94 Resp: 508529

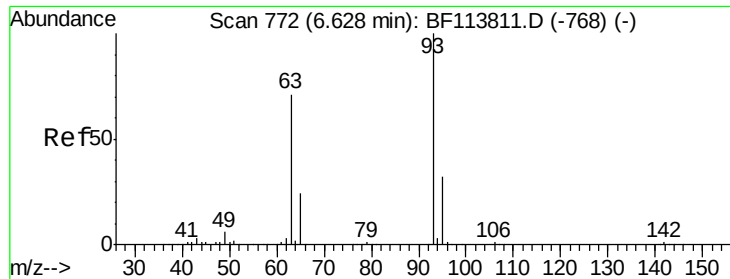
Ion Ratio Lower Upper

94 100

65 26.4 8.1 48.1

66 34.3 16.6 56.6

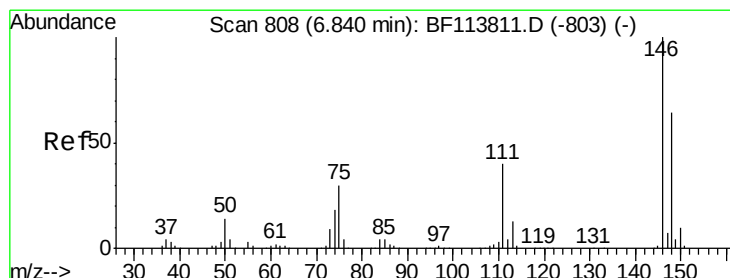
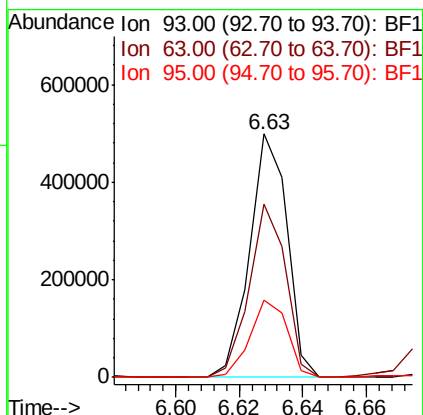
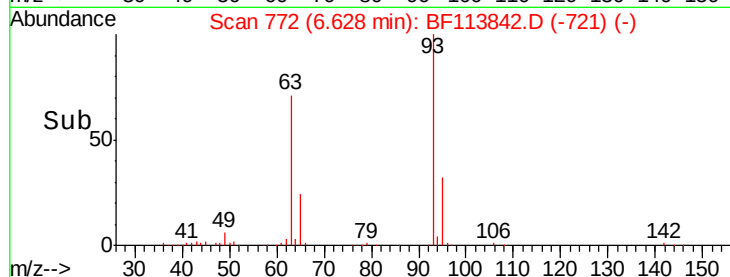
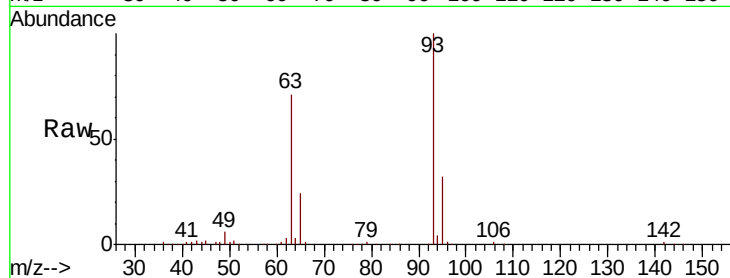




#11
bis(2-Chloroethyl)ether
Concen: 40.045 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

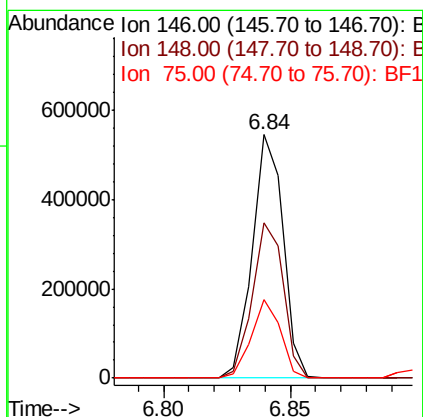
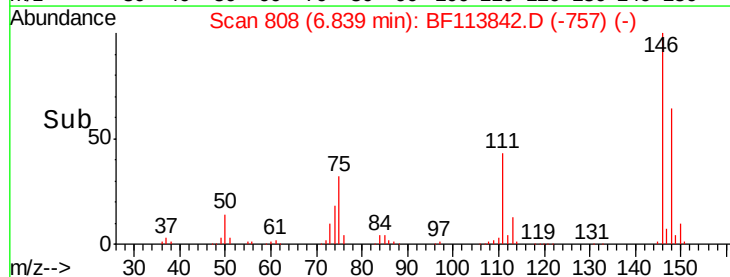
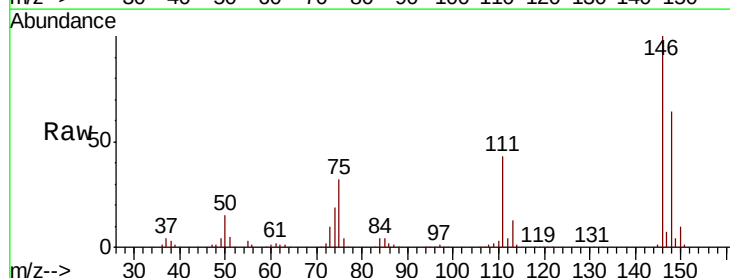
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

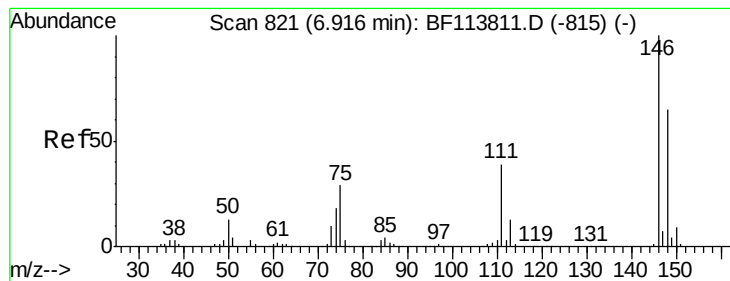
Tot Ion: 93 Resp: 409887
Ion Ratio Lower Upper
93 100
63 71.1 50.7 90.7
95 31.7 12.3 52.3



#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 :

SSTDCCC040

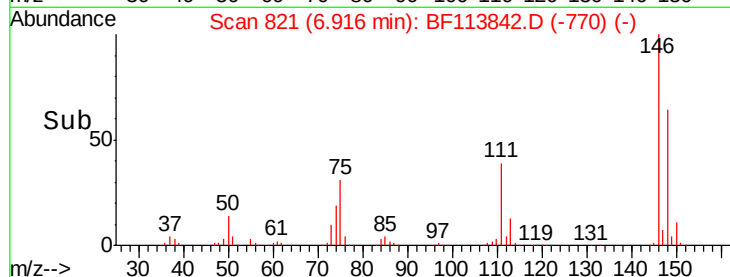
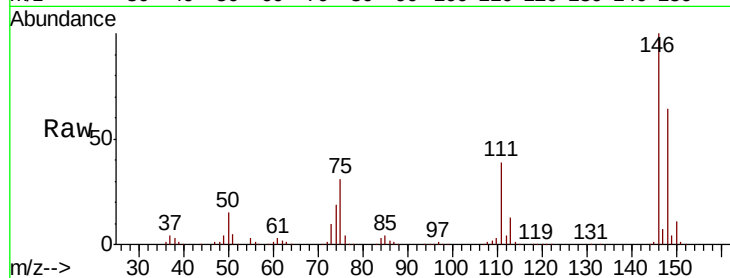
Tot Ion:146 Resp: 468976

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

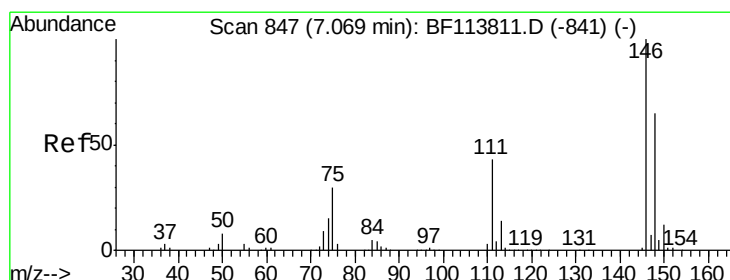
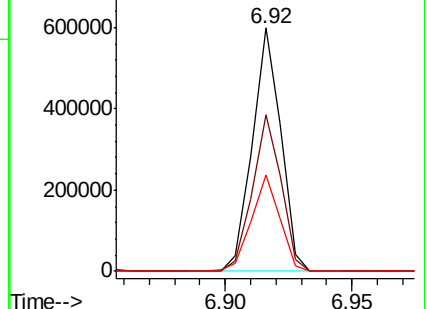
111 39.4 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

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

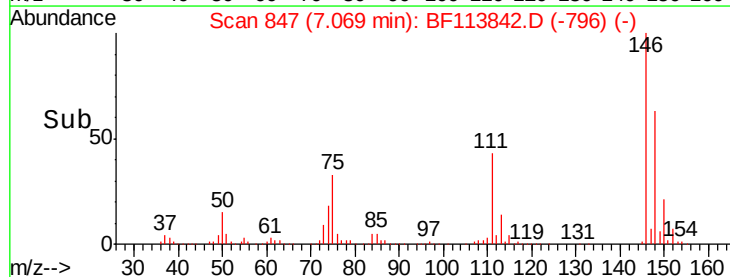
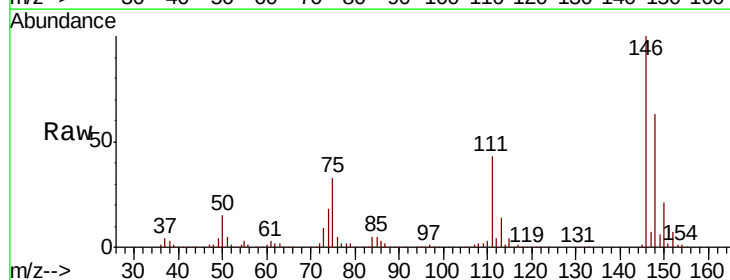
Tgt Ion:146 Resp: 429556

Ion Ratio Lower Upper

146 100

148 63.2 52.1 78.1

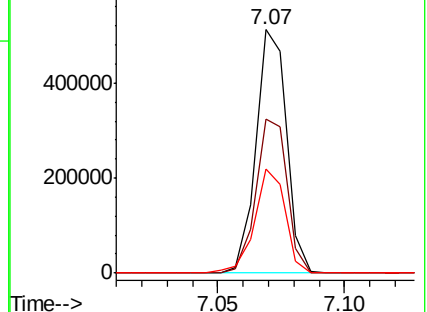
111 42.6 34.2 51.4

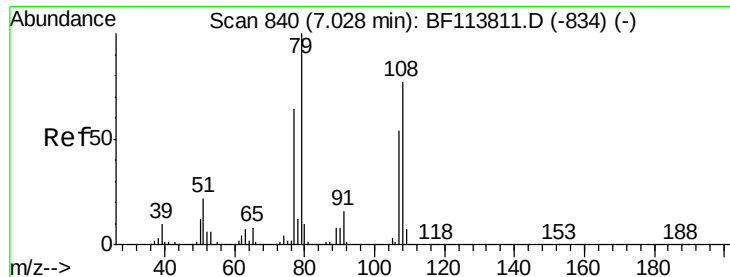


Abundance Ion 146.00 (145.70 to 146.70): E

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 :

SSTDCCC040

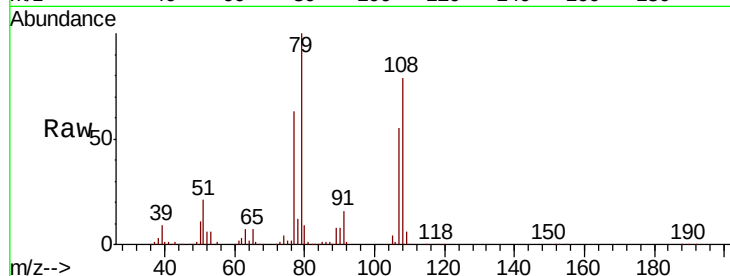
Tot Ion: 79 Resp: 347645

Ion Ratio Lower Upper

79 100

108 79.4 61.4 92.0

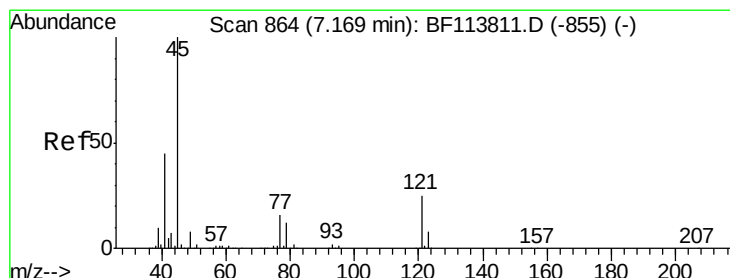
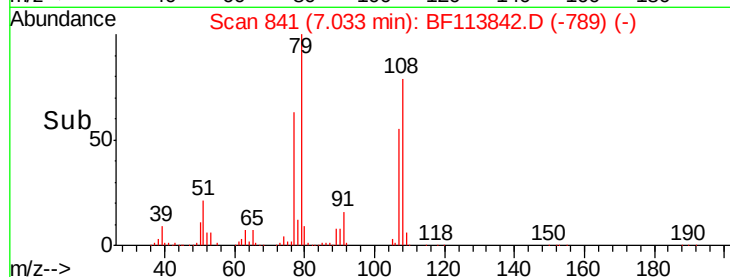
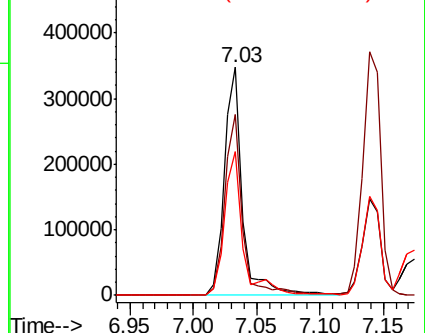
77 62.8 51.6 77.4



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

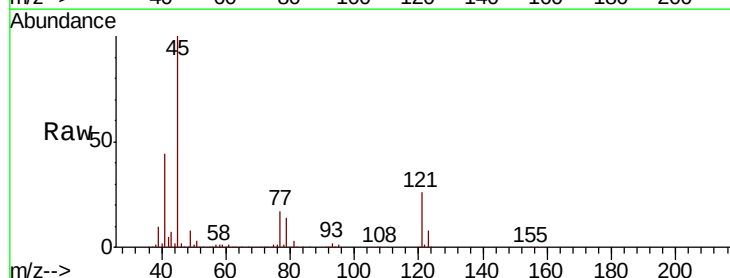
Tgt Ion: 45 Resp: 478781

Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.0

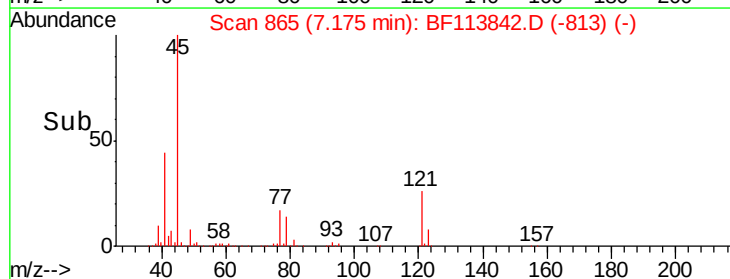
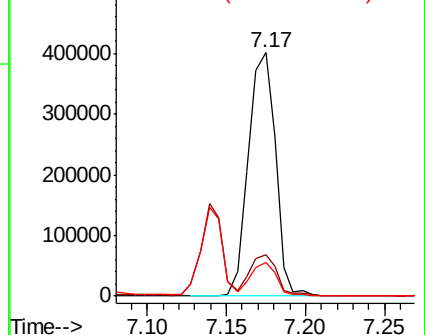
79 13.7 0.0 32.7

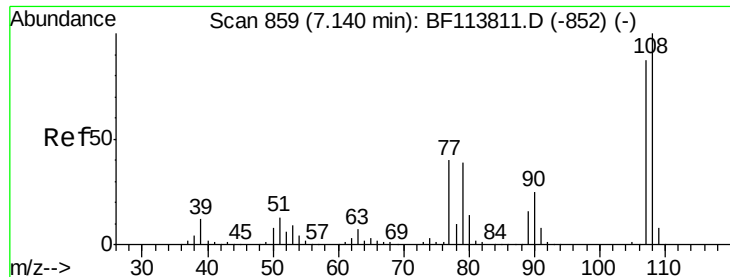


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

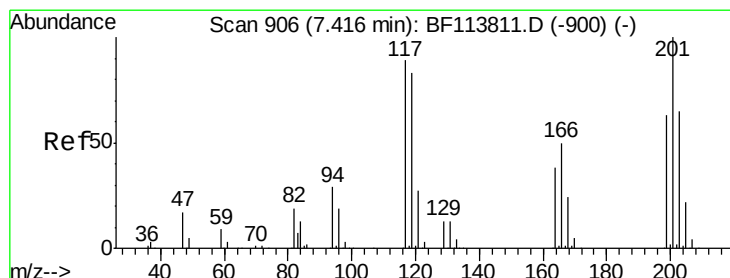
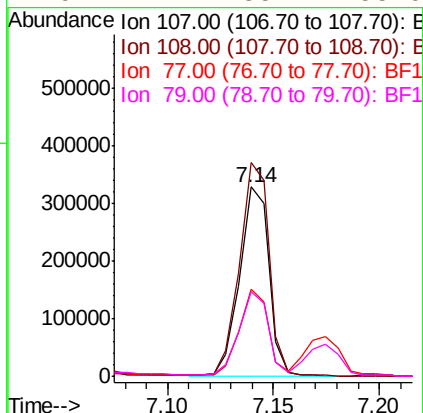
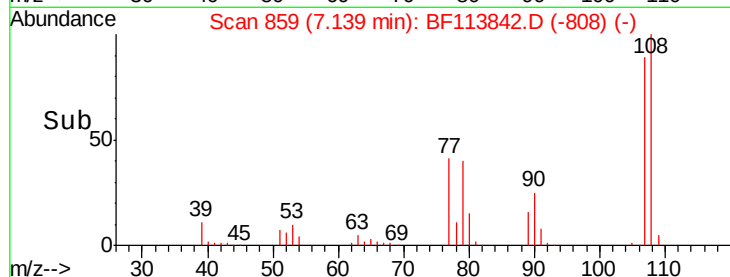
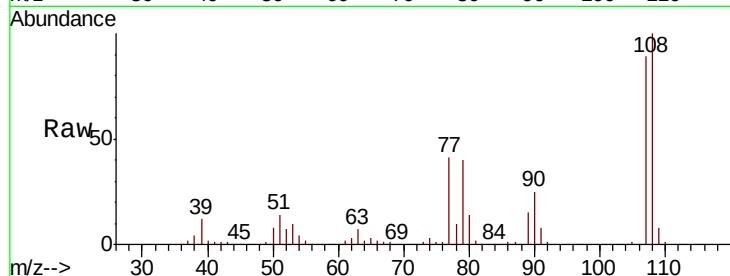




#17
2-Methylphenol
Concen: 38.185 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

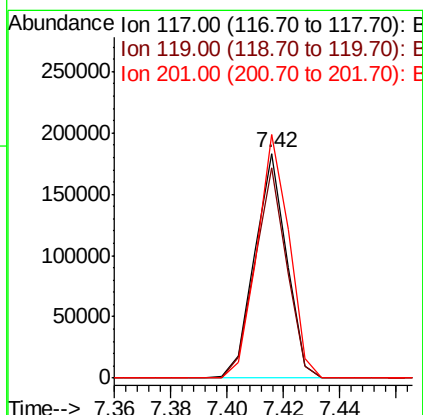
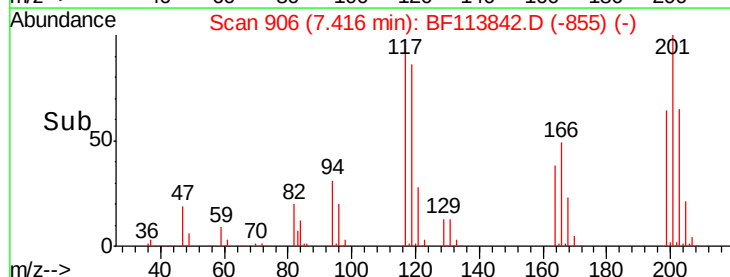
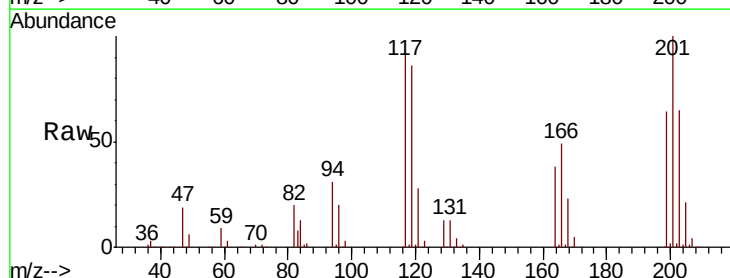
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

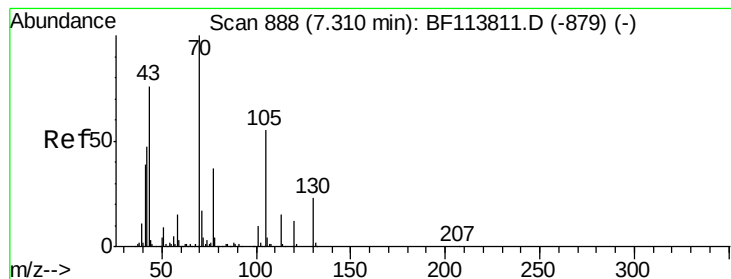
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.5	137.3
77	46.2	36.2	54.4
79	44.7	35.4	53.0



#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	Ratio	Lower	Upper
117	100		
119	93.4	74.4	111.6
201	108.3	90.2	135.2





#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 :

SSTDCCC040

Tot Ion: 70 Resp: 271827

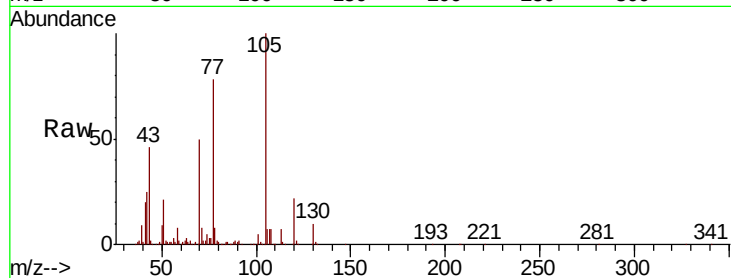
Ion Ratio Lower Upper

70 100

42 49.3 37.3 55.9

101 9.1 7.8 11.8

130 21.0 18.2 27.2

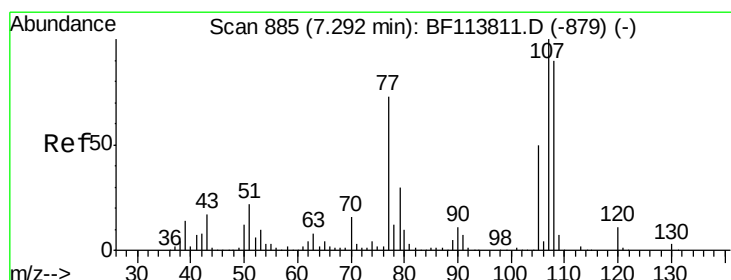
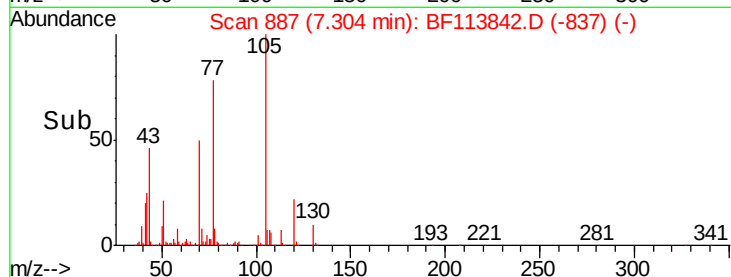
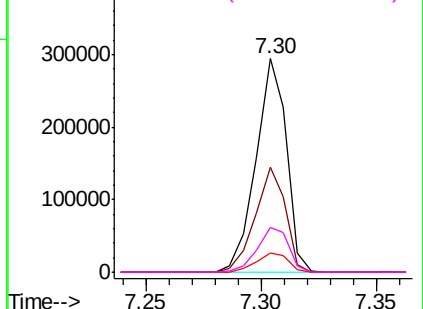


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#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

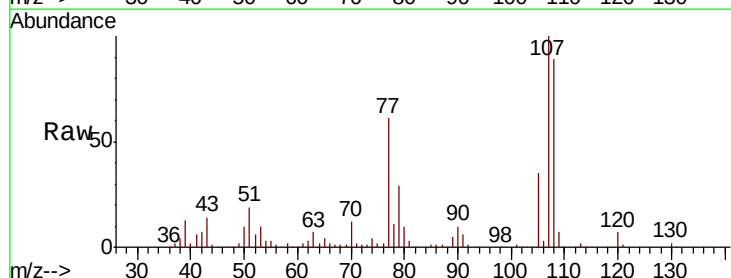
Ion Ratio Lower Upper

107 100

108 89.2 70.1 110.1

77 61.3 52.9 92.9

79 29.0 10.2 50.2

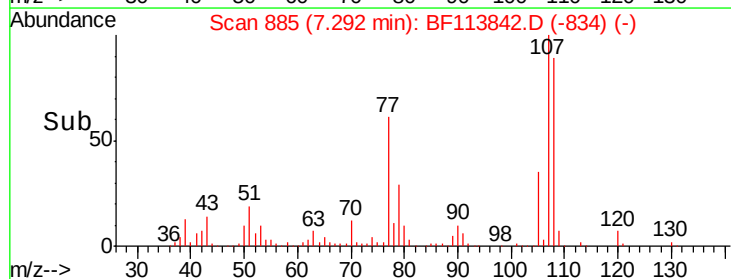
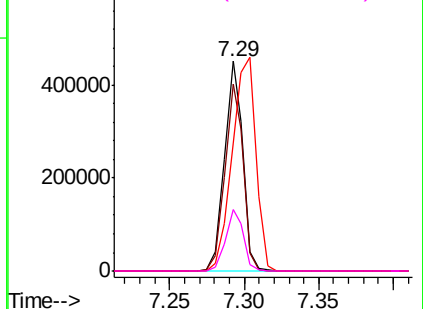


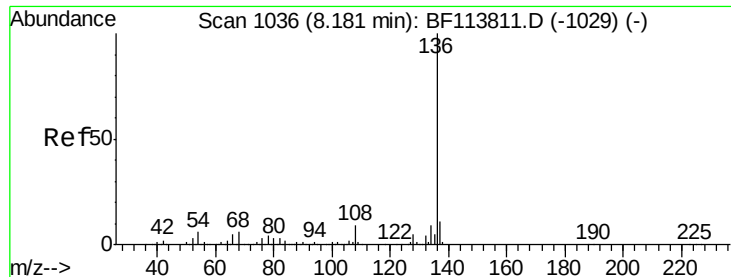
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 516963

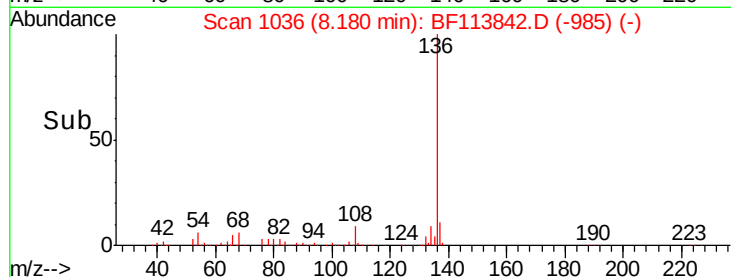
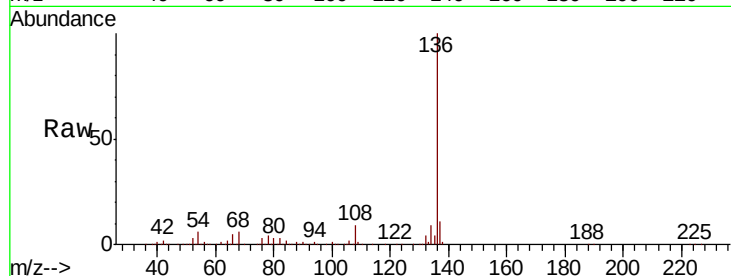
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.5 5.0 7.6

68 6.4 4.9 7.3

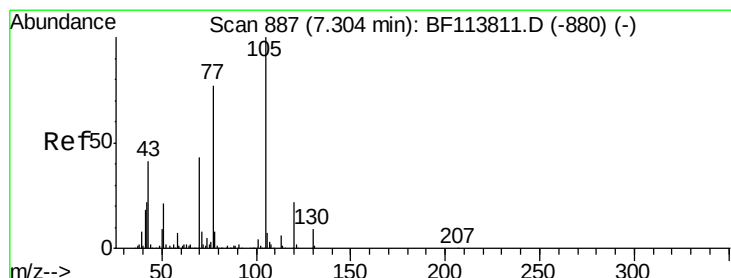
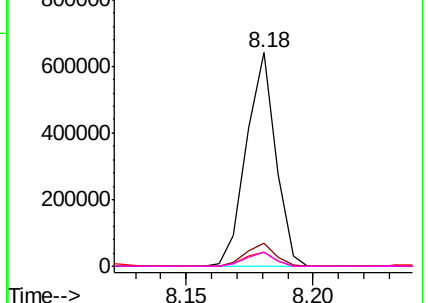


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 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

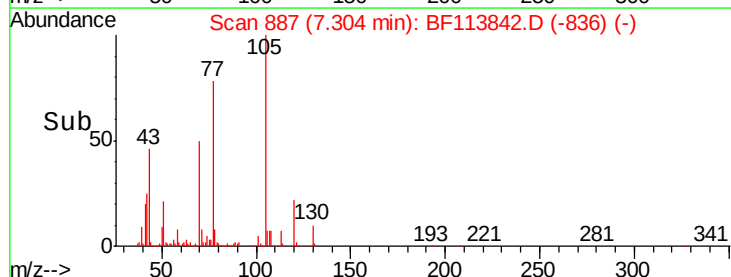
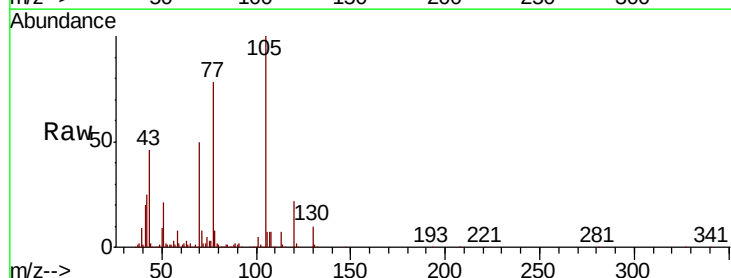
Ion Ratio Lower Upper

105 100

71 8.3 6.1 9.1

51 21.4 16.8 25.2

120 22.1 17.6 26.4

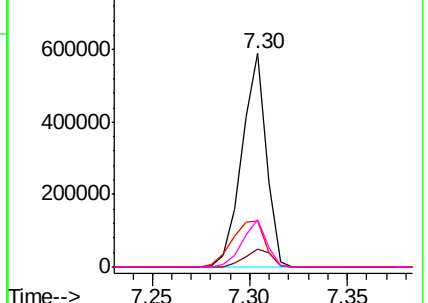


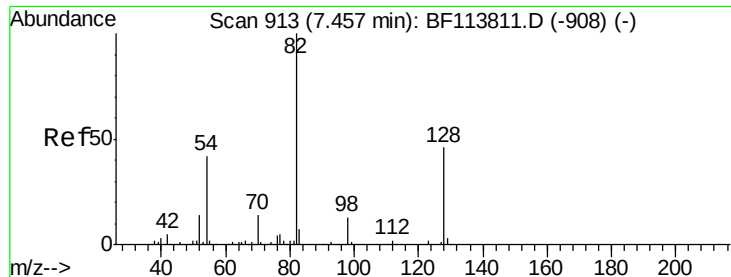
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 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

ClientSampleId :

SSTDCCC040

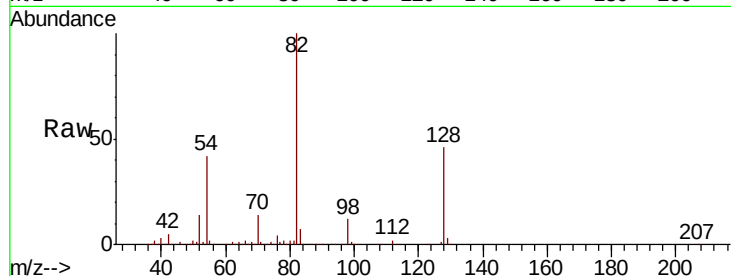
Tot Ion: 82 Resp: 751306

Ion Ratio Lower Upper

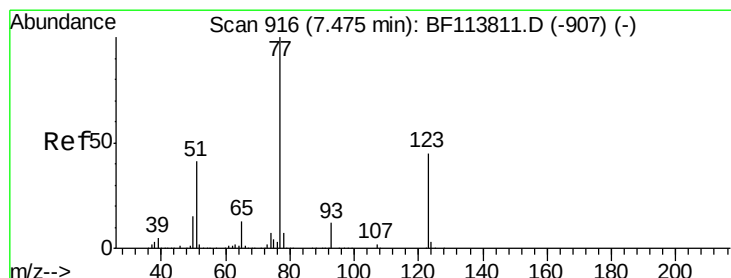
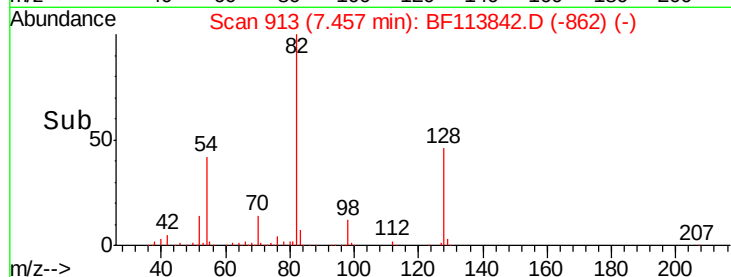
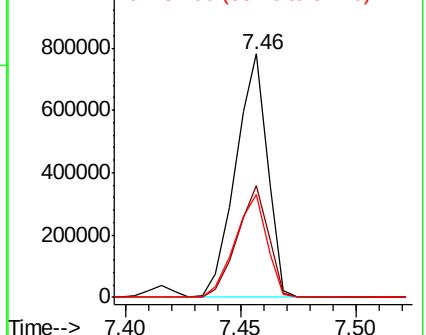
82 100

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

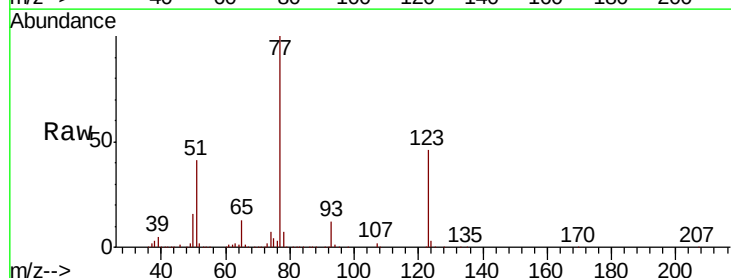
Tgt Ion: 77 Resp: 408231

Ion Ratio Lower Upper

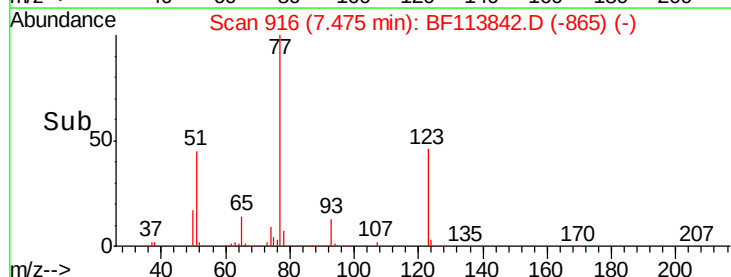
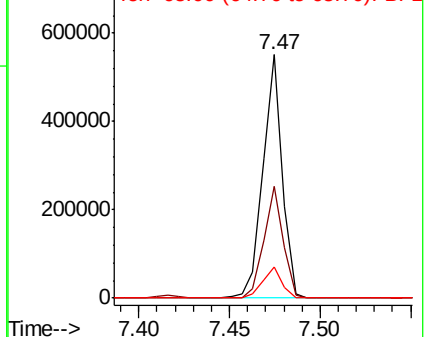
77 100

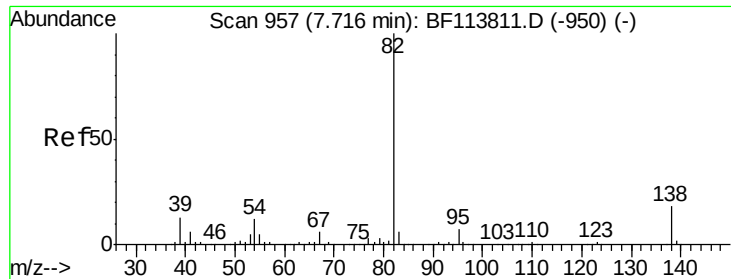
123 46.2 36.3 54.5

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

ClientSampleId :

SSTDCCC040

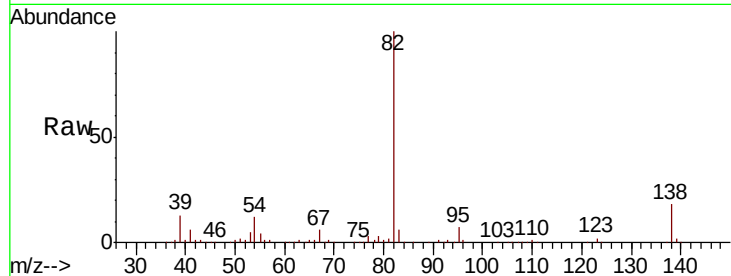
Tot Ion: 82 Resp: 700733

Ion Ratio Lower Upper

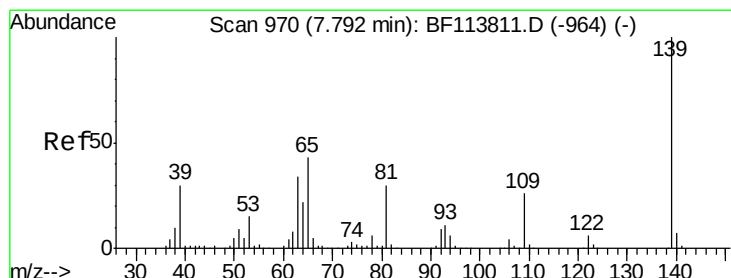
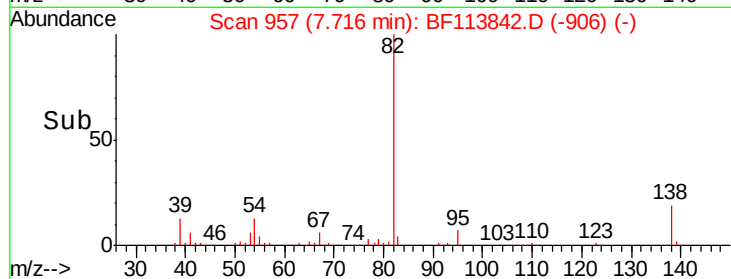
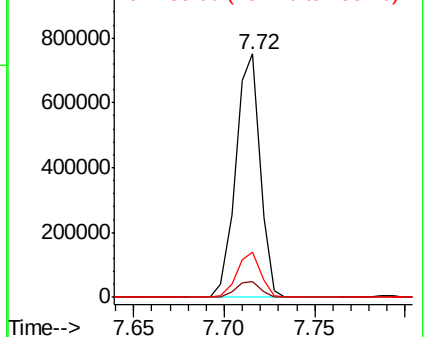
82 100

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

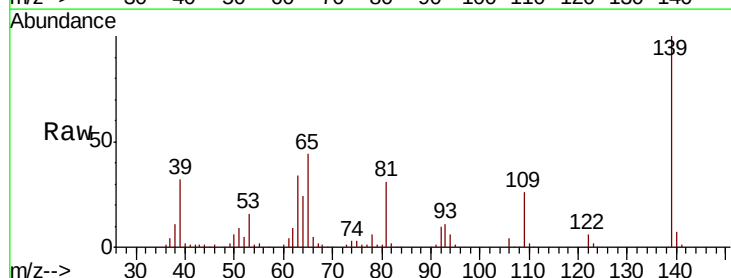
Tgt Ion: 139 Resp: 165329

Ion Ratio Lower Upper

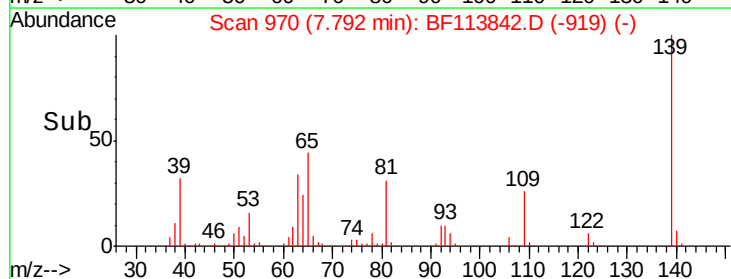
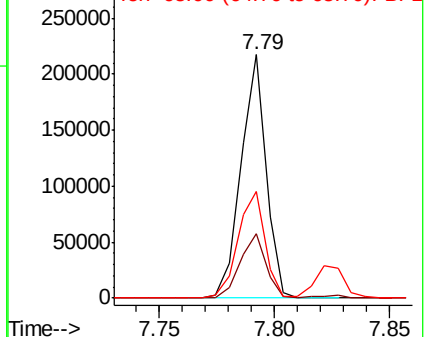
139 100

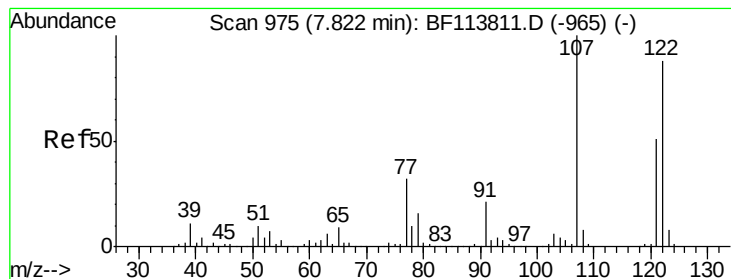
109 26.3 20.6 31.0

65 43.6 34.6 52.0



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

ClientSampleId :

SSTDCCC040

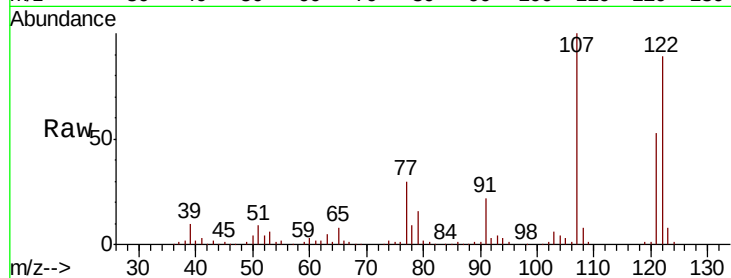
Tot Ion:122 Resp: 278006

Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

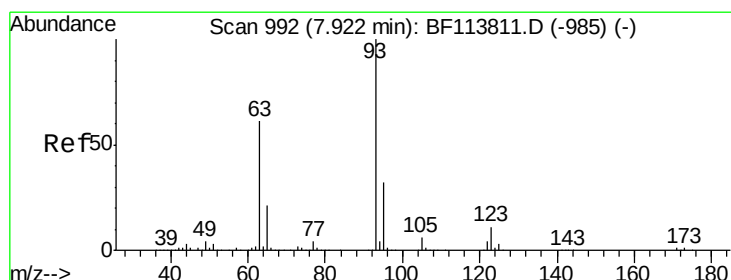
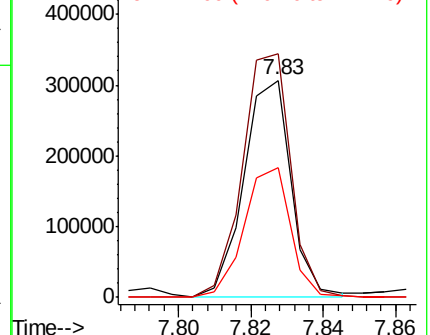
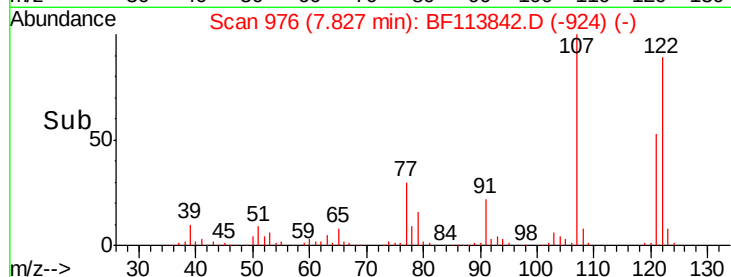
121 59.7 46.4 69.6



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

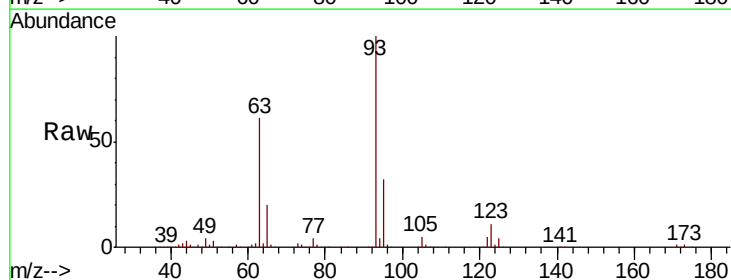
Tgt Ion: 93 Resp: 460780

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

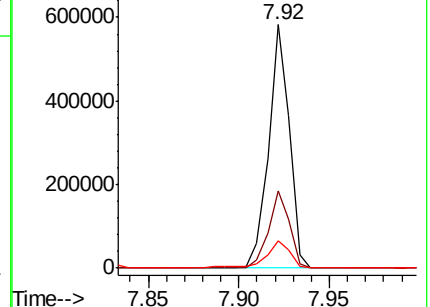
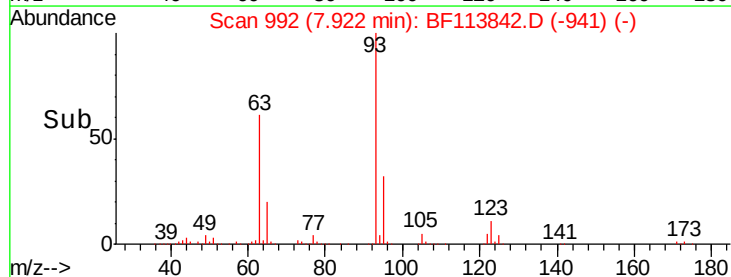
123 11.0 9.0 13.6

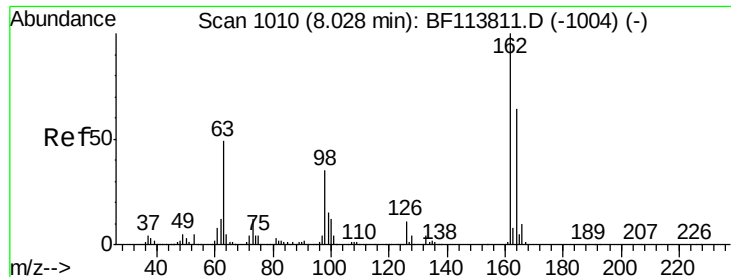


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

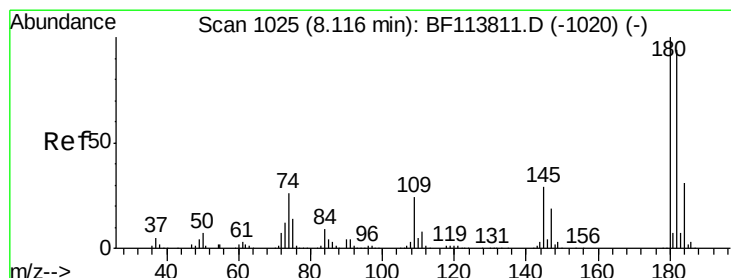
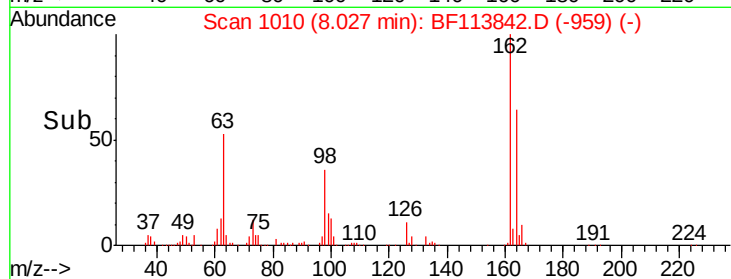
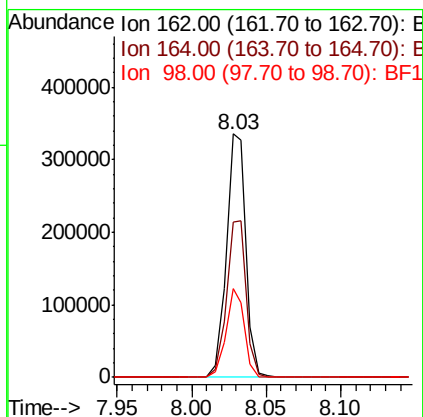
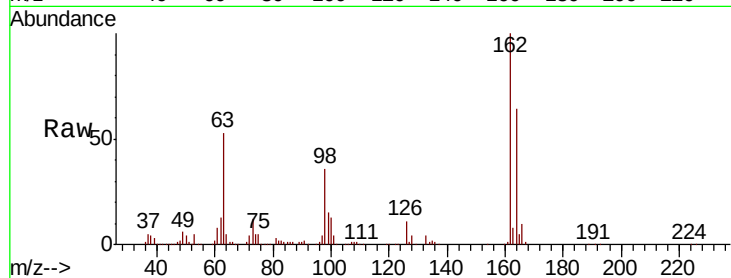




#29
 2,4-Dichlorophenol
 Concen: 40.358 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

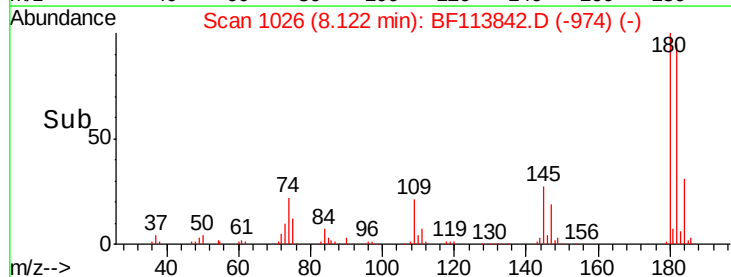
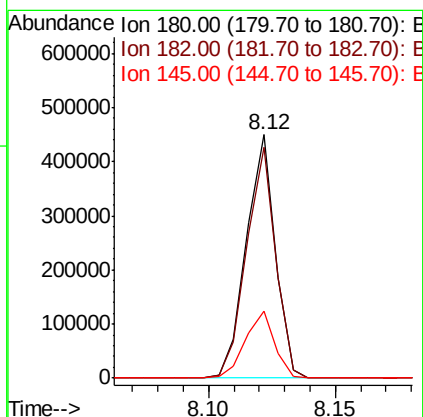
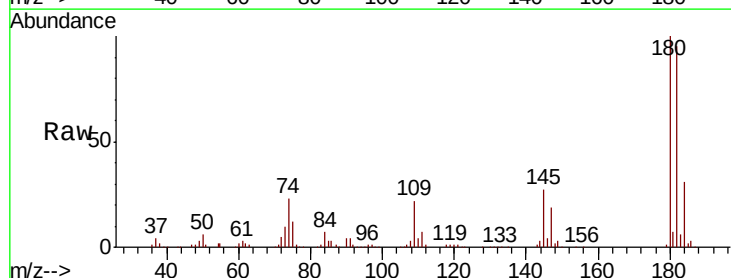
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

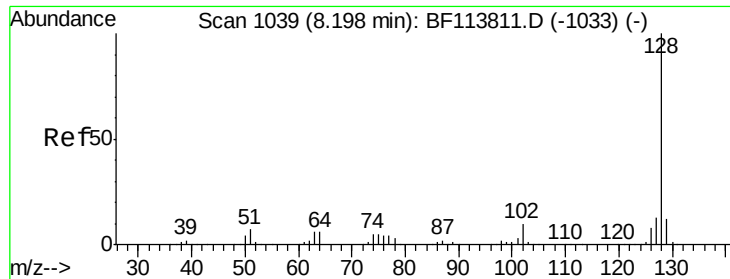
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.7	83.7
98	36.3	15.5	55.5



#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	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.0
145	27.4	23.0	34.4

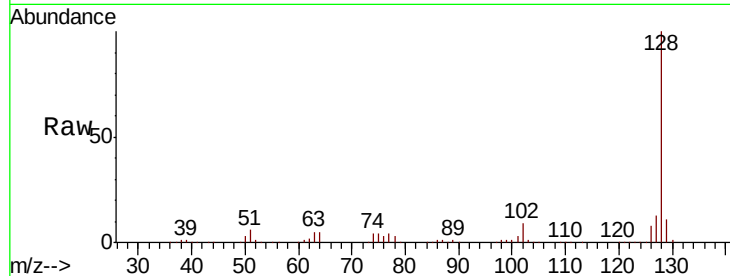




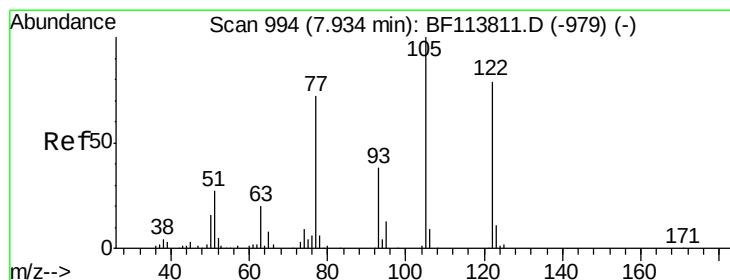
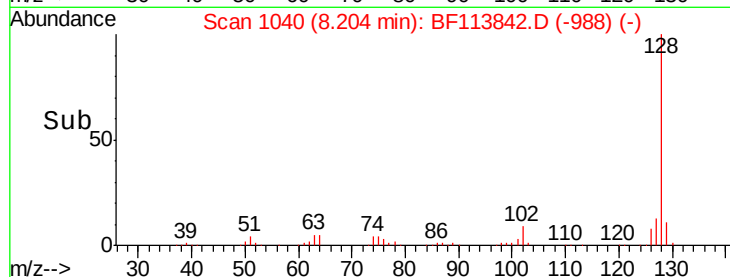
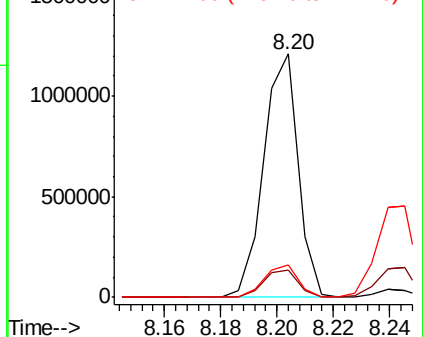
#31
Naphthalene
Concen: 41.721 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

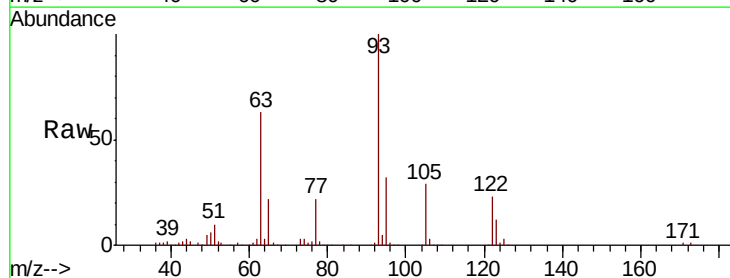


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

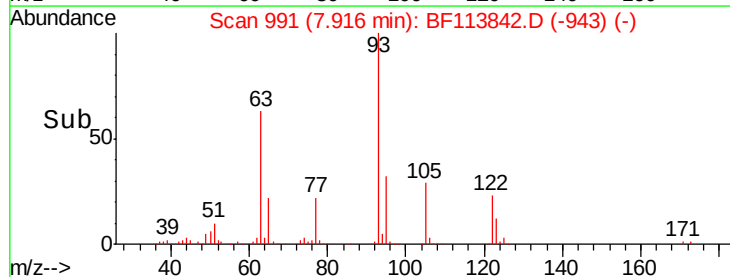
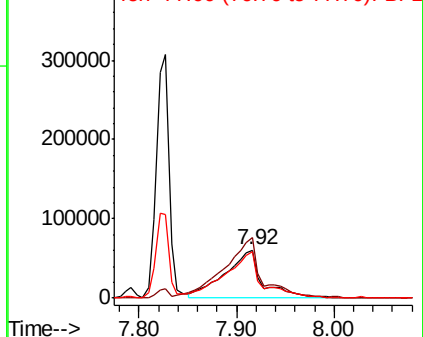


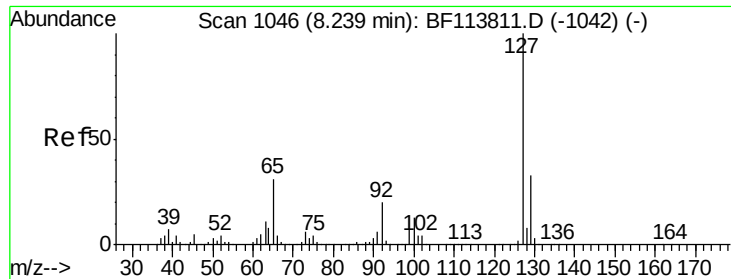
#32
Benzoic acid
Concen: 34.687 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

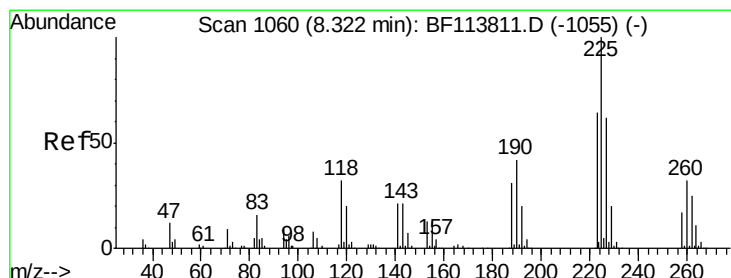
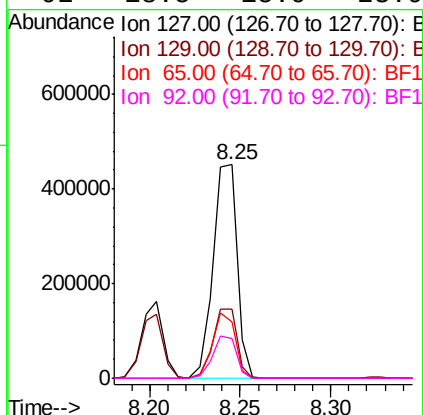
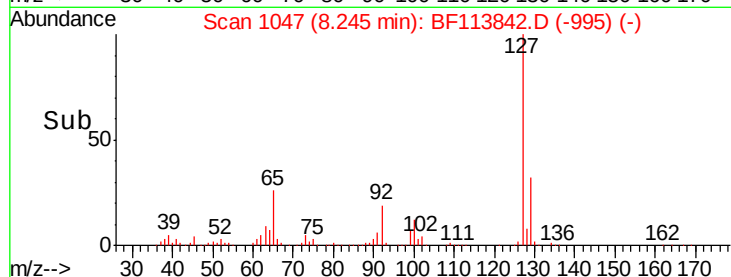
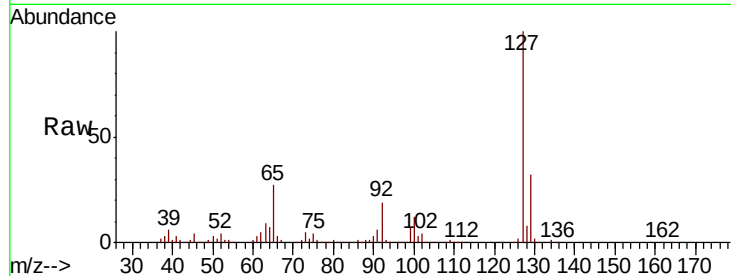




#33
4-Chloroaniline
Concen: 40.091 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

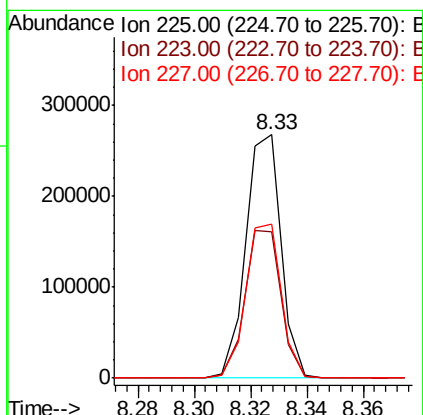
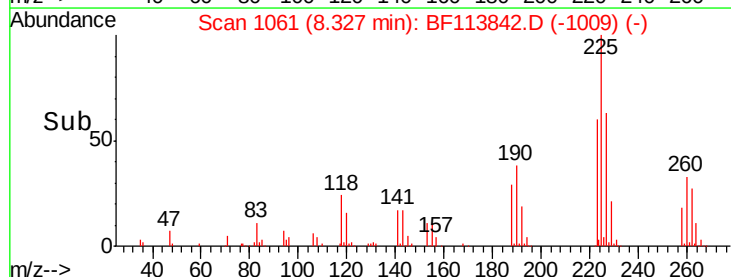
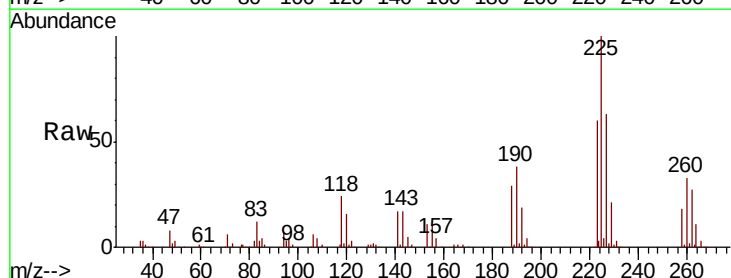
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

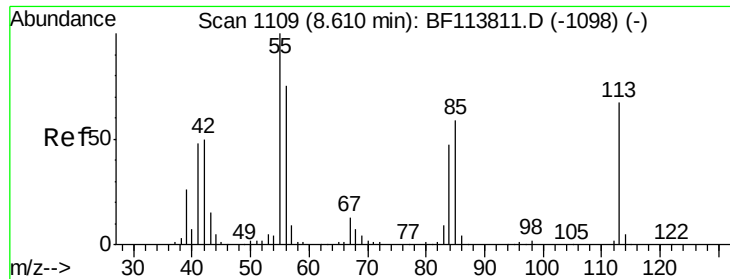
Tot Ion:	127	Resp:	415879
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	26.6	24.9	37.3
92	18.5	15.9	23.9



#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





#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 :

SSTDCCC040

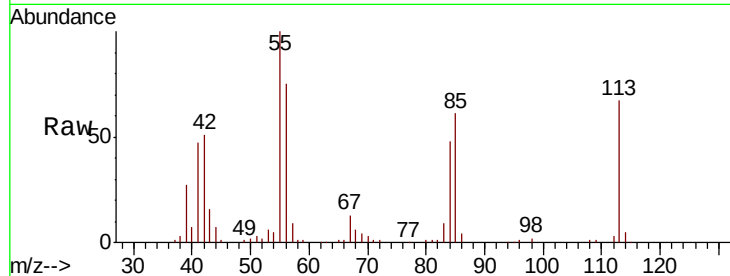
Tot Ion:113 Resp: 91148

Ion Ratio Lower Upper

113 100

55 150.0 128.6 168.6

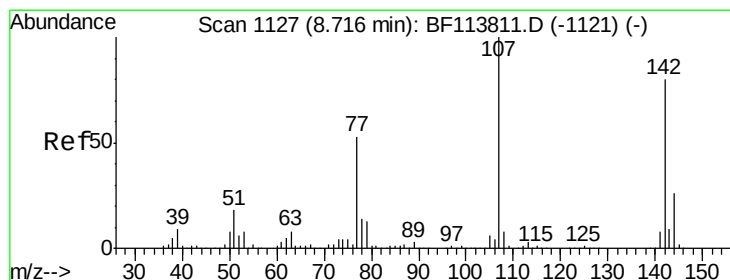
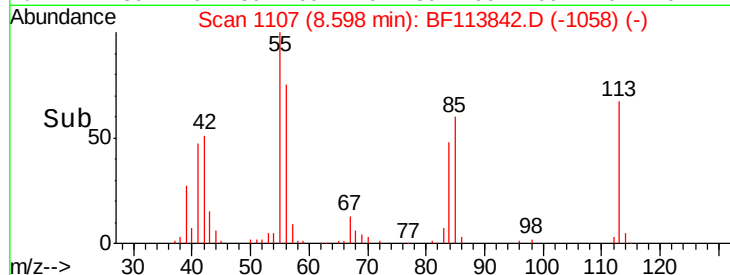
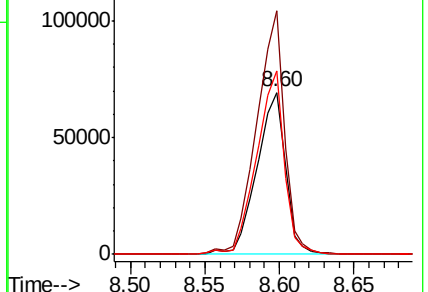
56 113.1 91.9 131.9



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

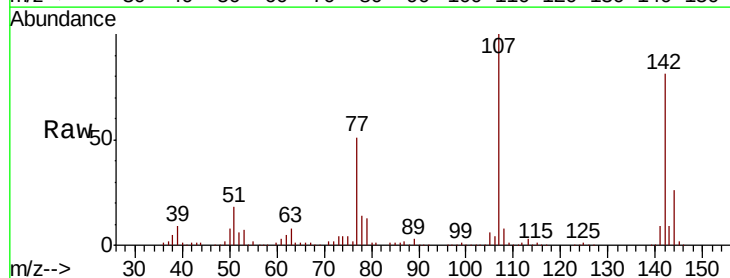
Tgt Ion:107 Resp: 284549

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

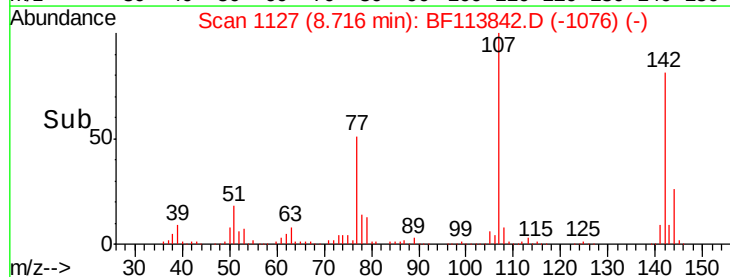
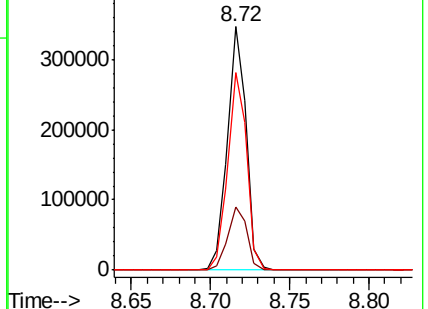
142 80.9 64.2 96.4

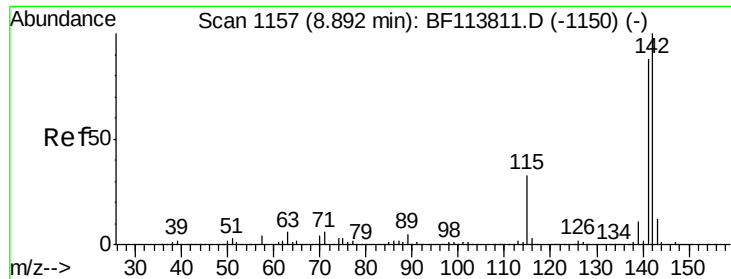


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

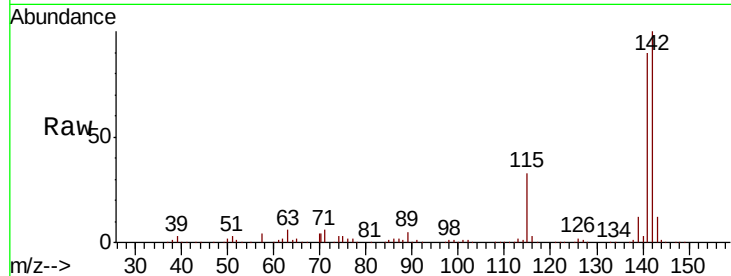




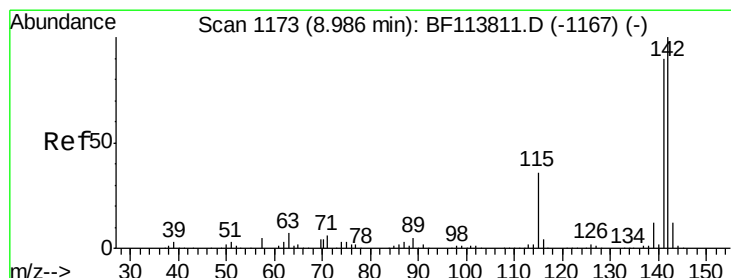
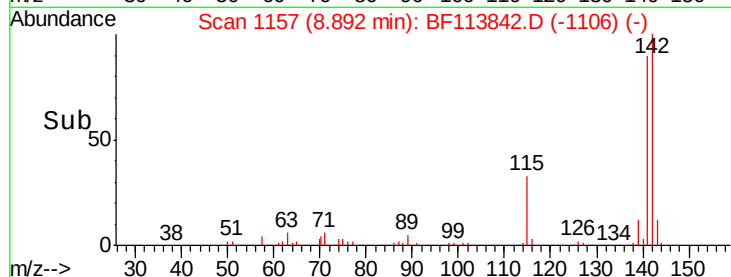
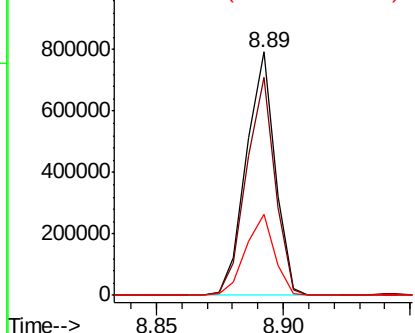
#37
2-Methylnaphthalene
Concen: 38.819 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

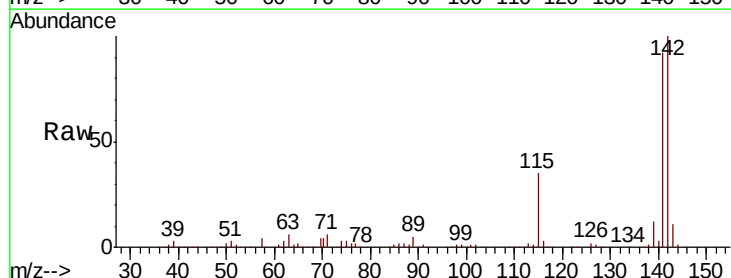


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

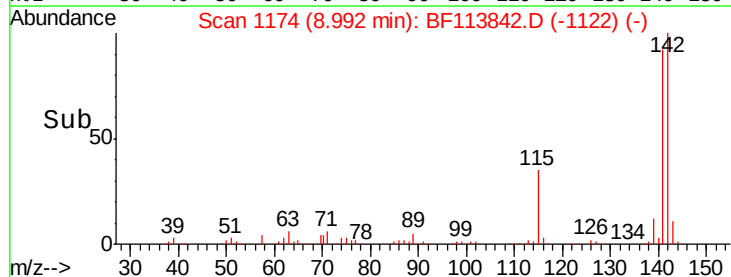
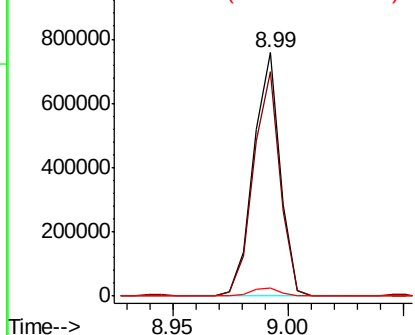


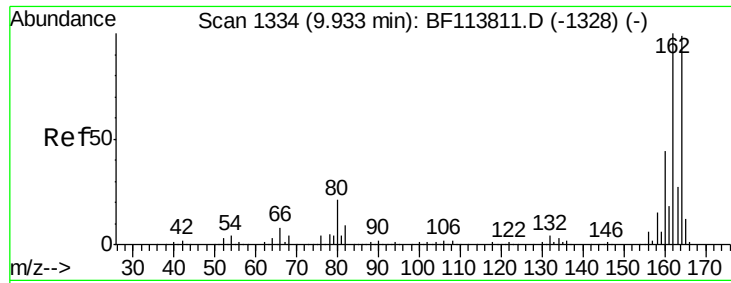
#38
1-Methylnaphthalene
Concen: 38.789 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

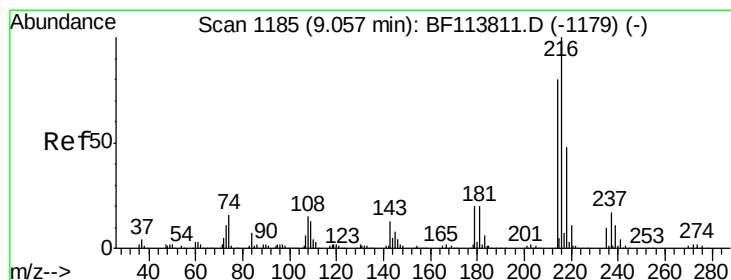
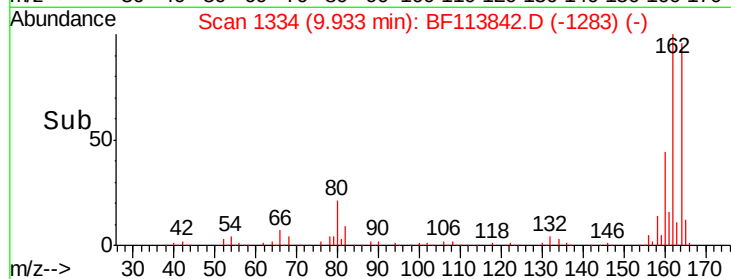
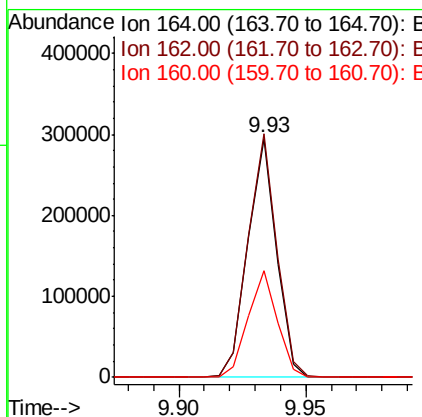
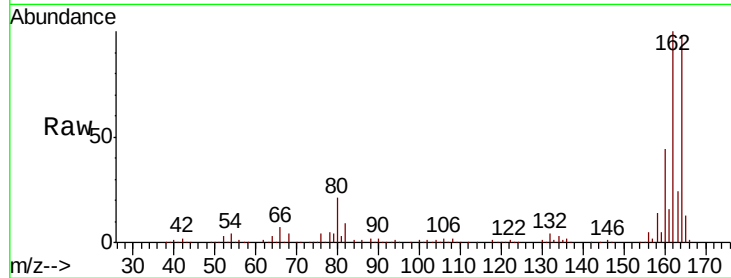




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

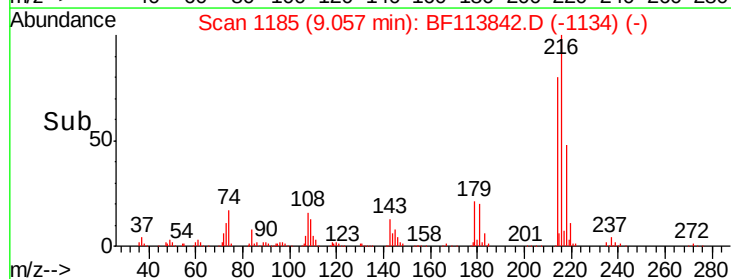
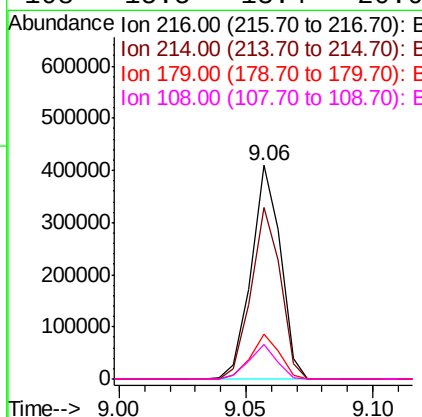
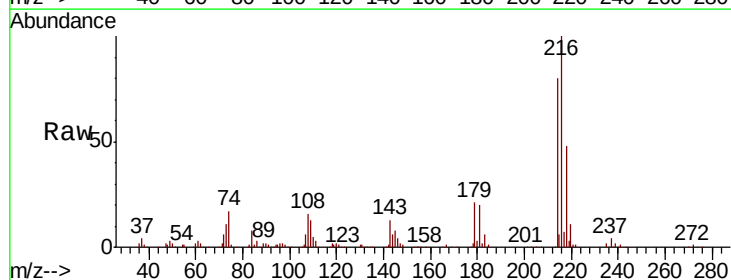
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

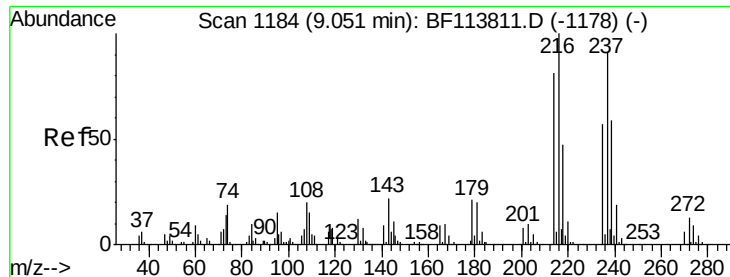
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.1	121.7
160	44.8	35.8	53.6



#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	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





#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 :

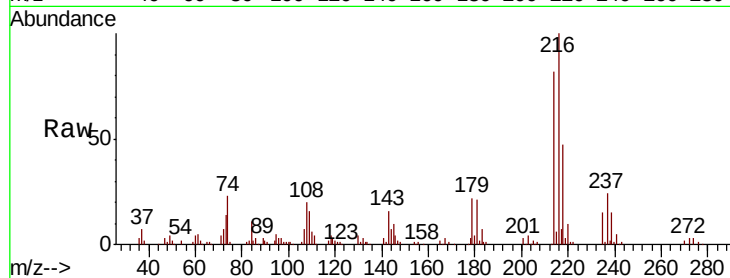
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:237 Resp: 33877

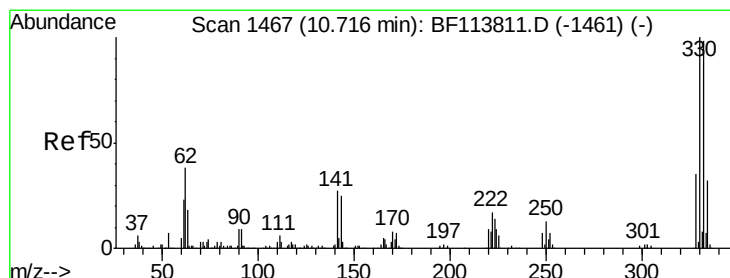
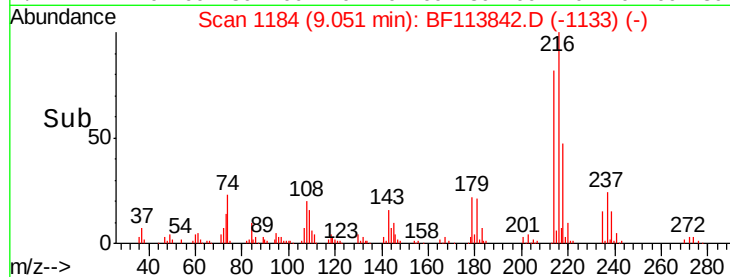
Ion	Ratio	Lower	Upper
237	100		
235	61.0	42.6	82.6
272	13.5	0.0	33.8



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

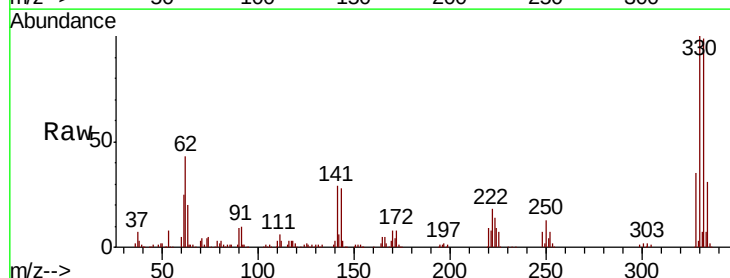
Delta R.T. -0.00 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

Tgt Ion:330 Resp: 233547

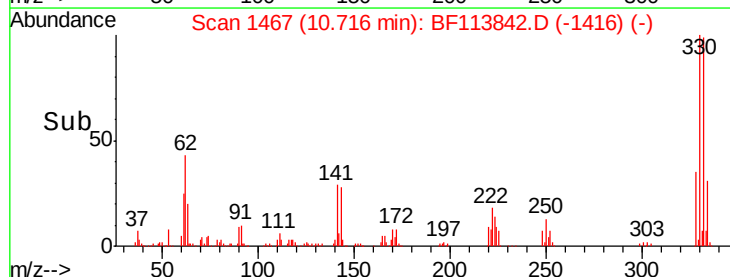
Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.5	116.3
141	27.6	22.2	33.2

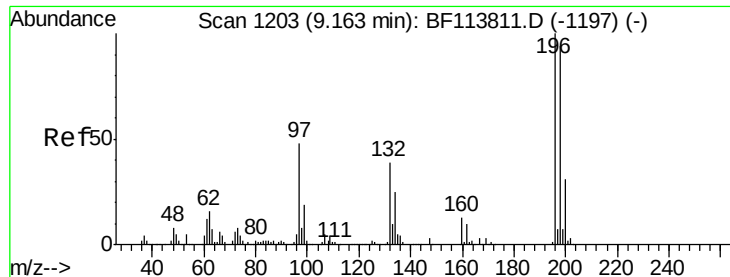


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

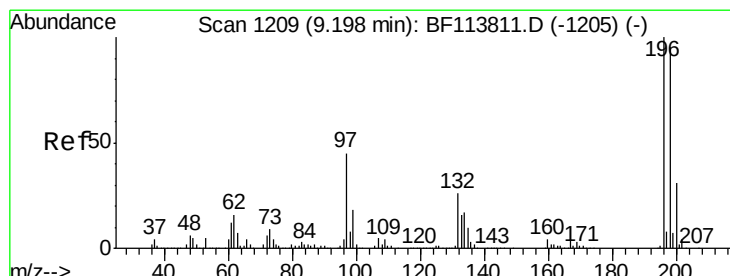
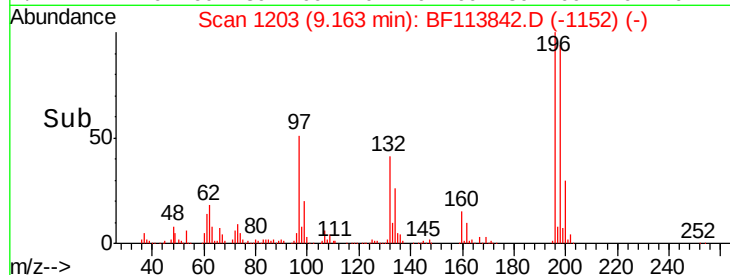
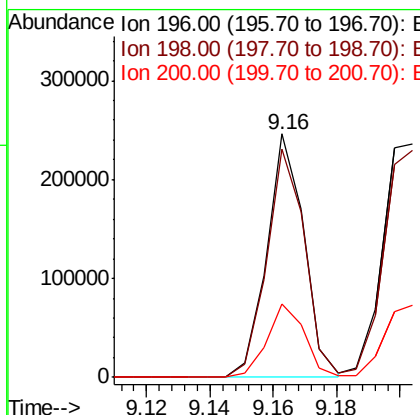
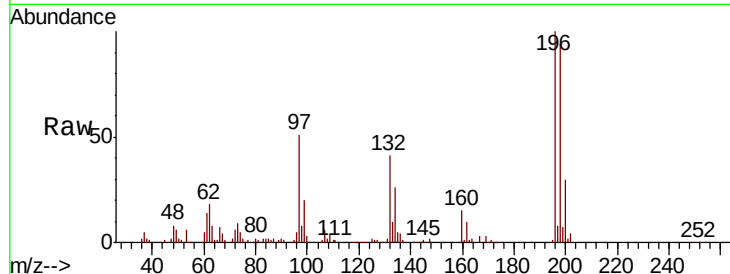




#43
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

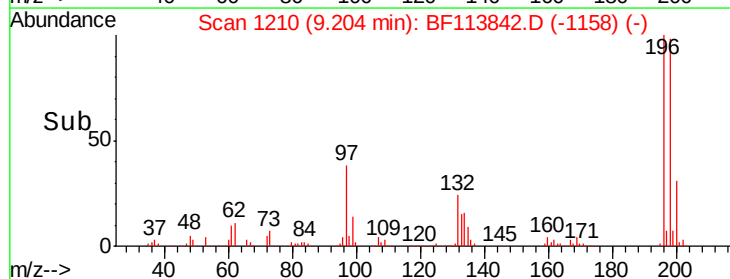
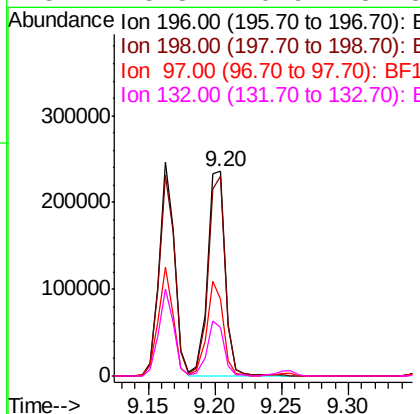
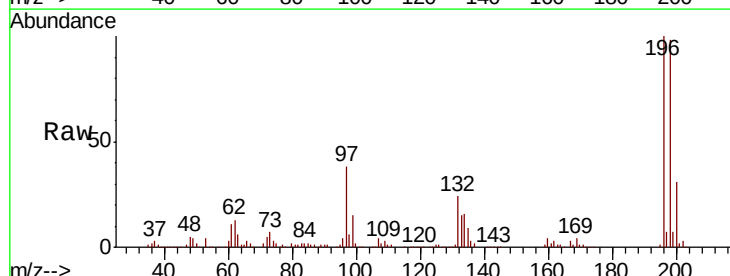
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

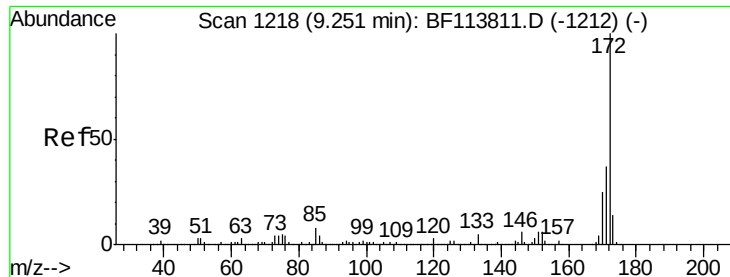
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
200	30.0	24.7	37.1



#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

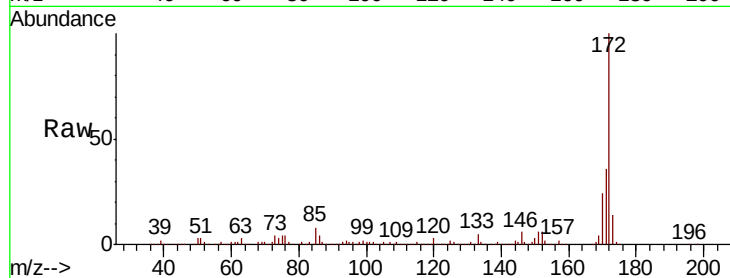




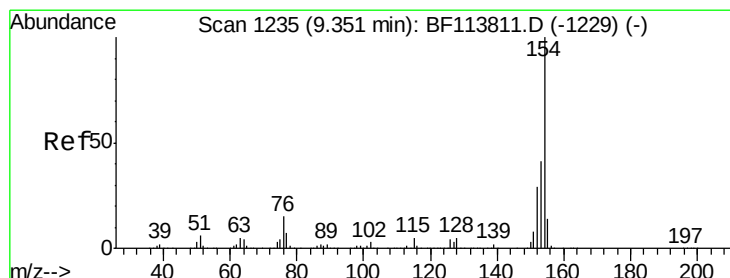
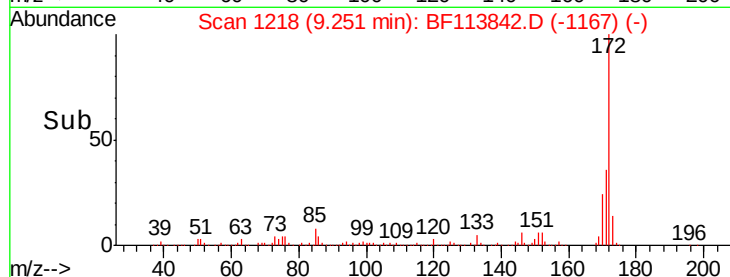
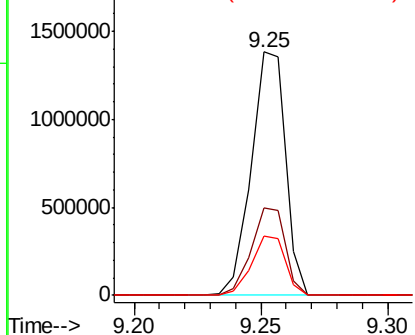
#45
2-Fluorobiphenyl
Concen: 85.883 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

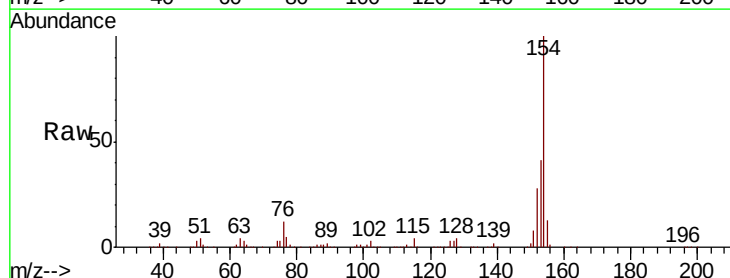


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

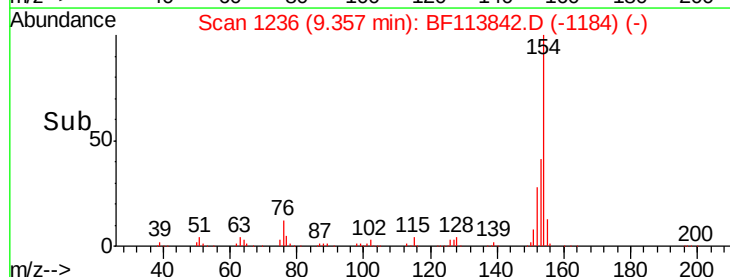
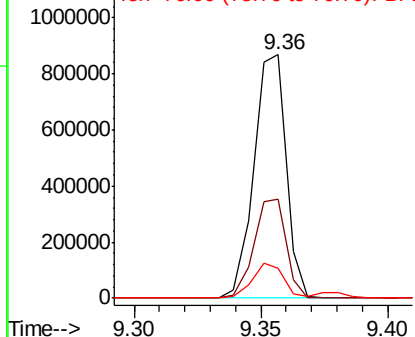


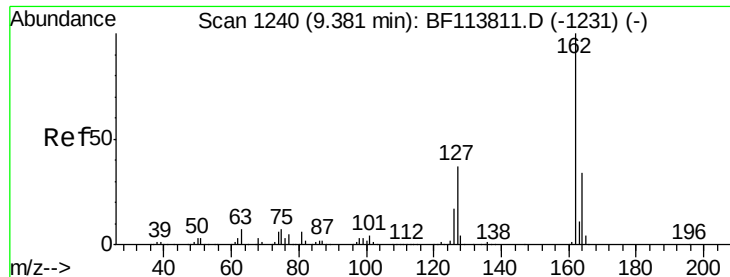
#46
1,1'-Biphenyl
Concen: 43.957 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

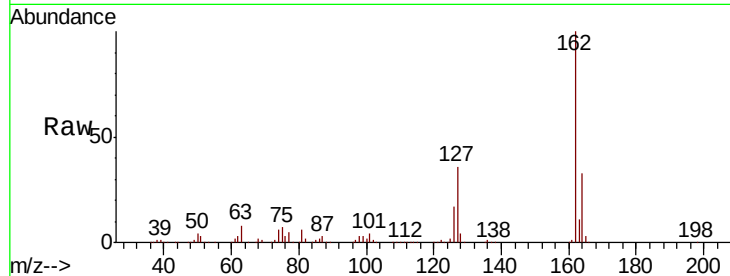




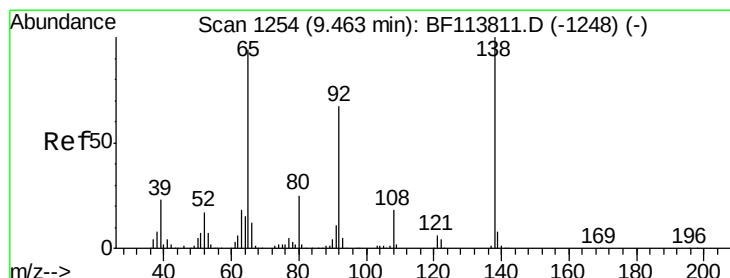
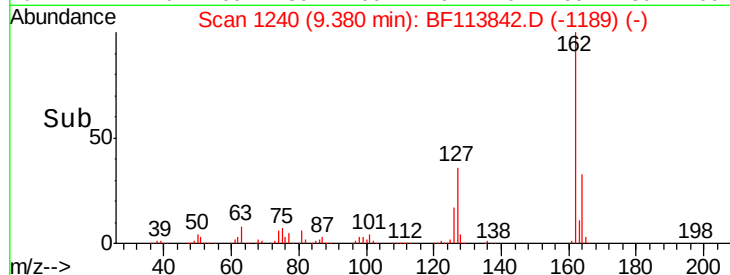
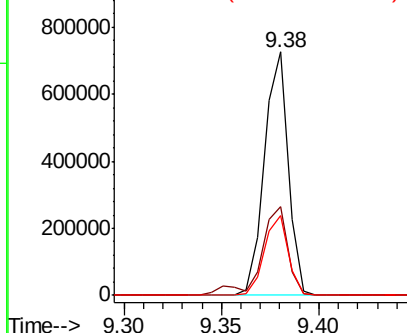
#47
2-Chloronaphthalene
Concen: 42.767 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

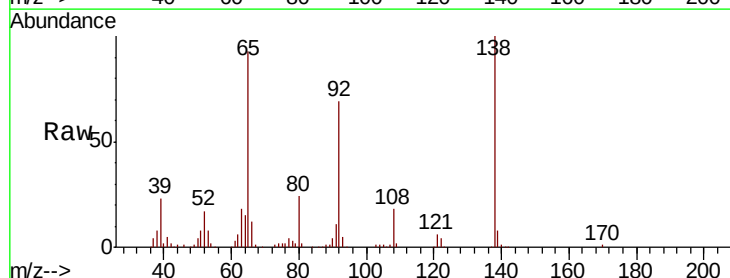


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

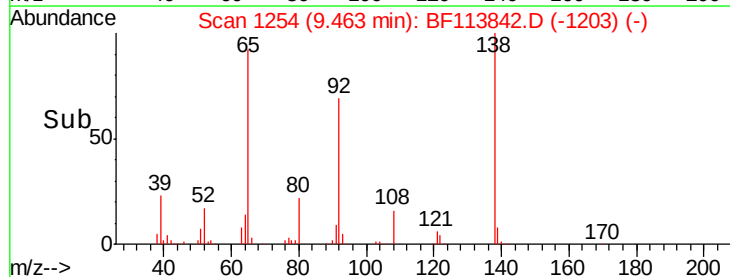
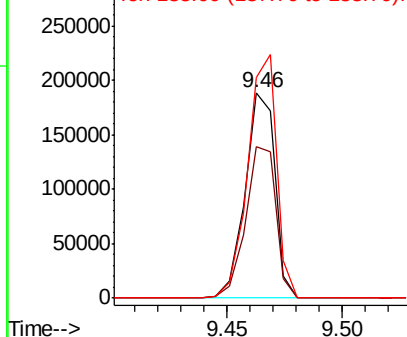


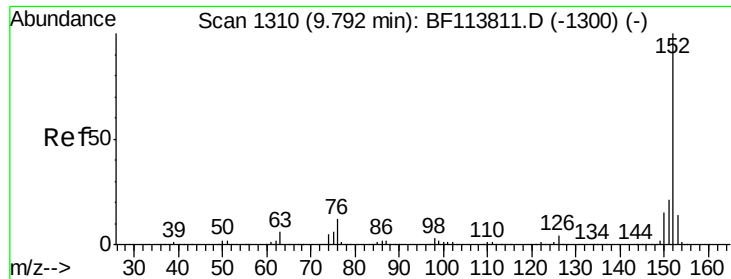
#48
2-Nitroaniline
Concen: 45.758 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

ClientSampleId :

SSTDCCC040

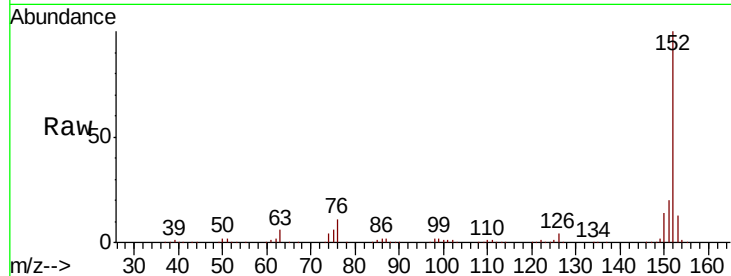
Tot Ion:152 Resp: 968024

Ion Ratio Lower Upper

152 100

151 20.2 17.0 25.4

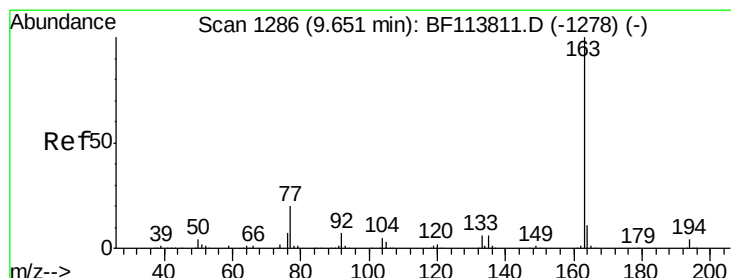
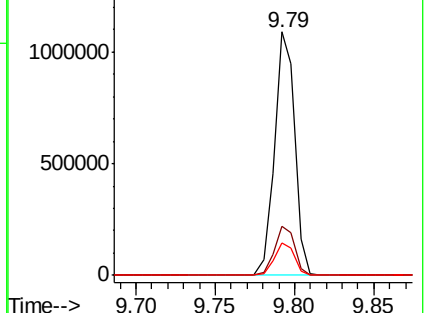
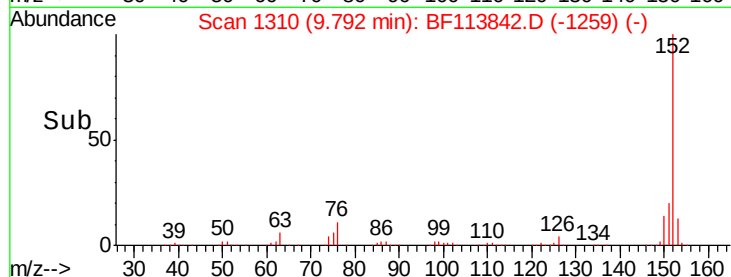
153 13.5 11.0 16.6



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

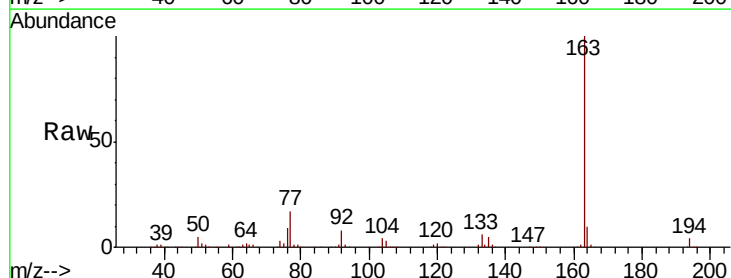
Tgt Ion:163 Resp: 708466

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

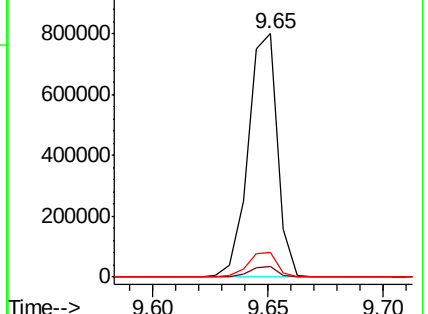
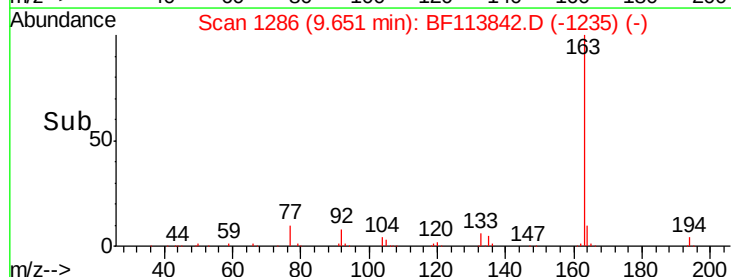
164 10.0 8.5 12.7

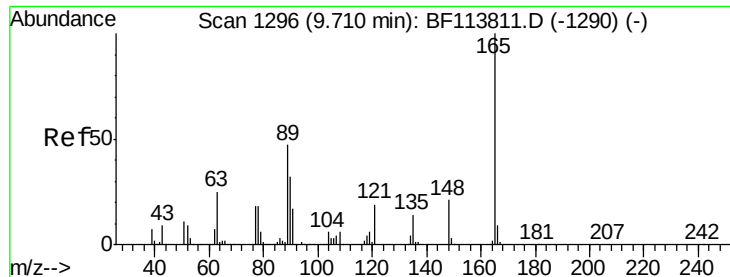


Abundance Ion 163.00 (162.70 to 163.70): E

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

ClientSampleId :

SSTDCCC040

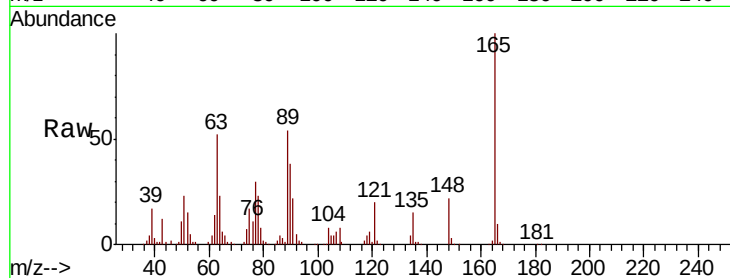
Tot Ion:165 Resp: 143730

Ion Ratio Lower Upper

165 100

63 51.8 33.8 50.8#

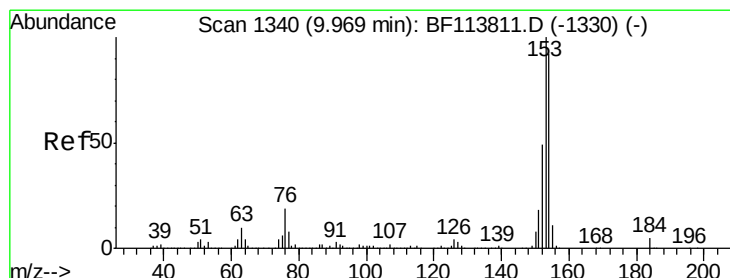
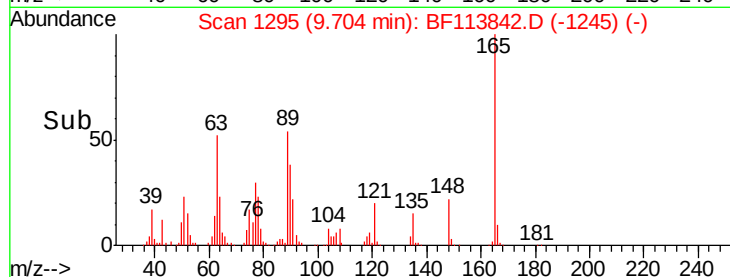
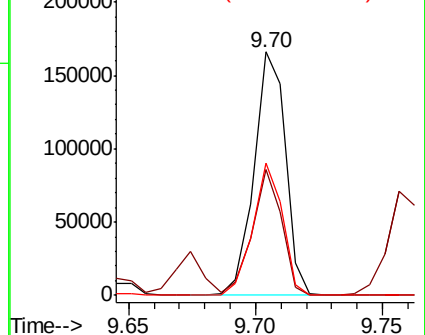
89 54.4 38.2 57.2



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

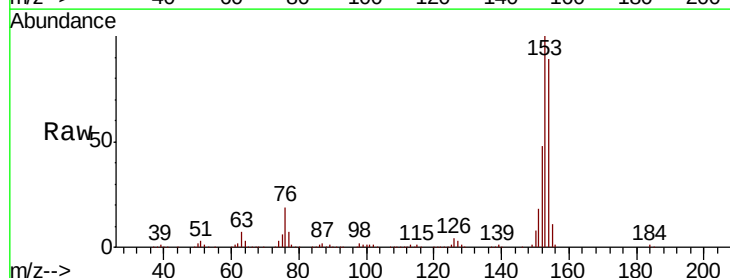
Tgt Ion:154 Resp: 537115

Ion Ratio Lower Upper

154 100

153 112.9 87.2 130.8

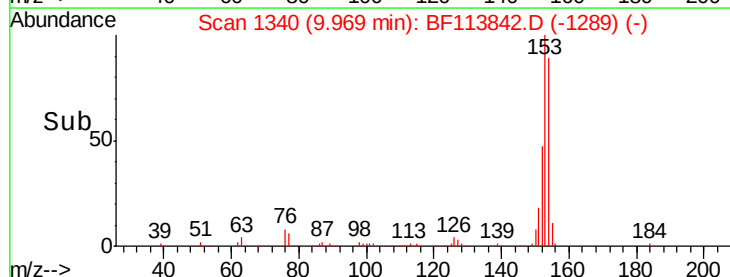
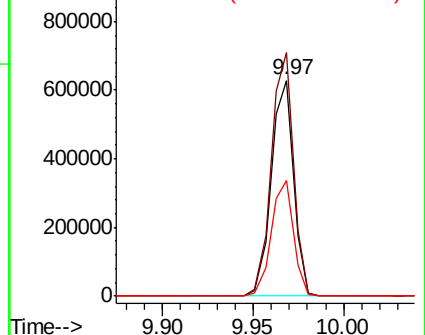
152 53.7 42.3 63.5

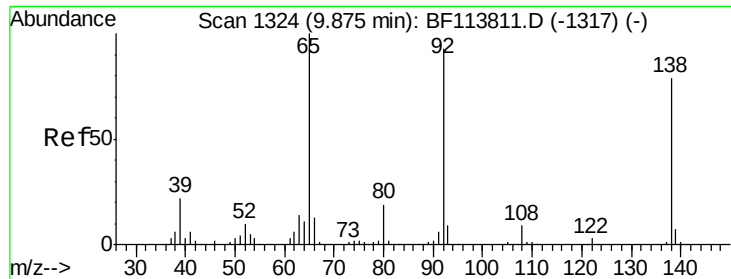


Abundance Ion 154.00 (153.70 to 154.70): E

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 :

SSTDCCC040

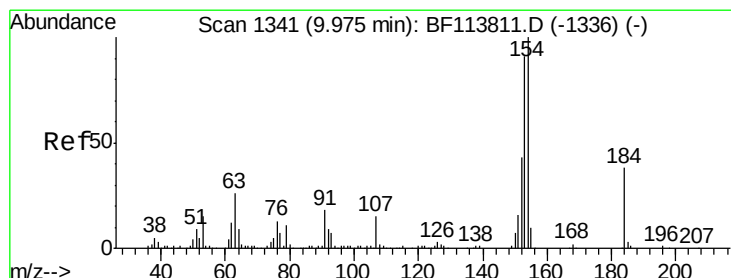
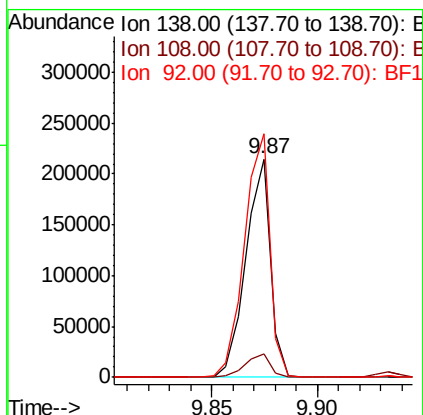
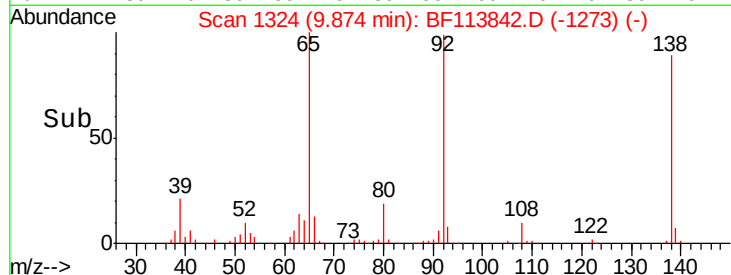
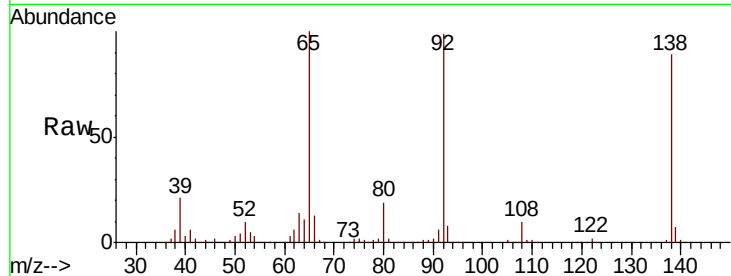
Tot Ion:138 Resp: 173756

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.2

92 111.6 94.1 141.1



#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

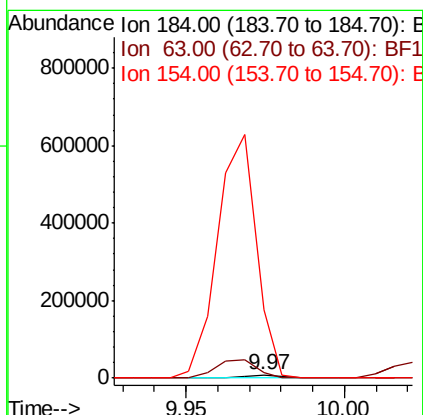
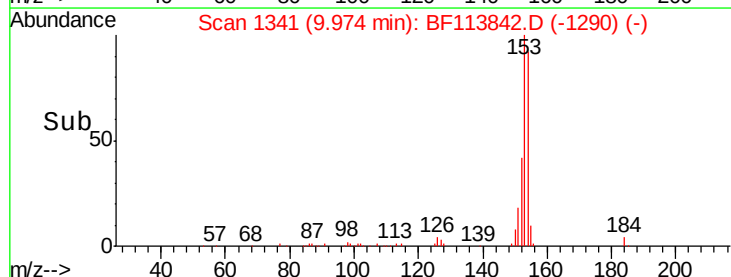
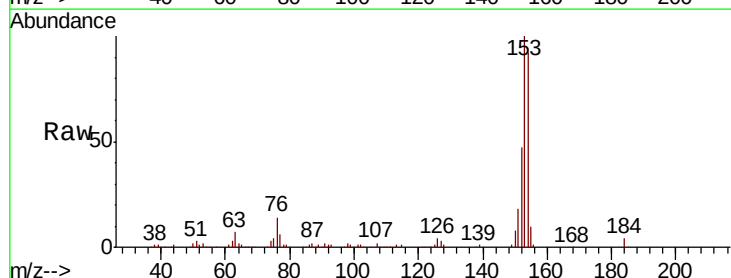
Tgt Ion:184 Resp: 6014

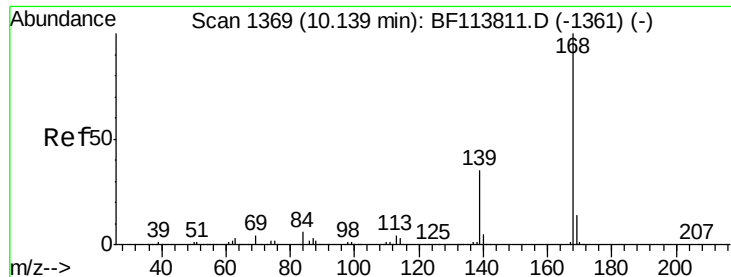
Ion Ratio Lower Upper

184 100

63 150.7 54.6 81.8#

154 2091.1 218.6 328.0#

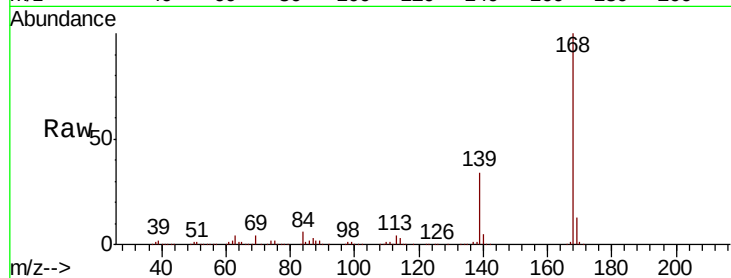




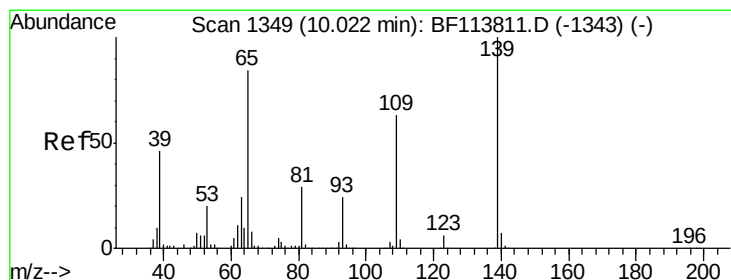
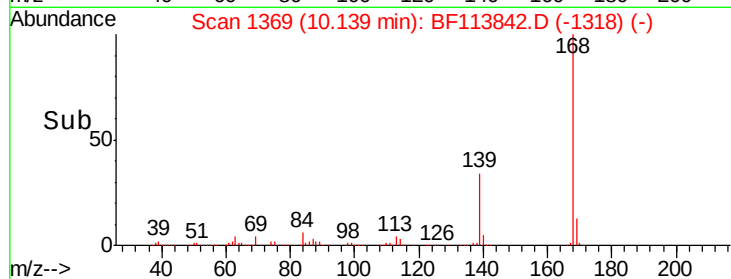
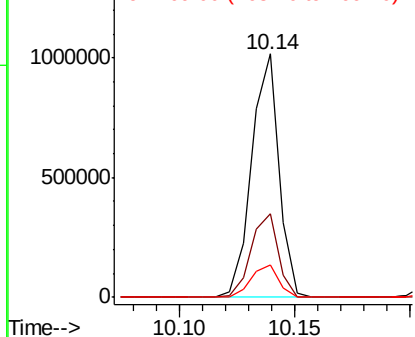
#55
Dibenzofuran
Concen: 42.457 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

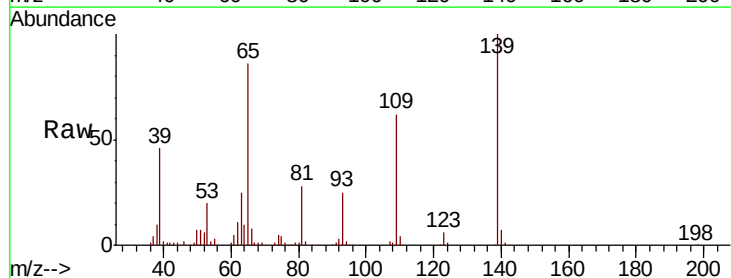


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

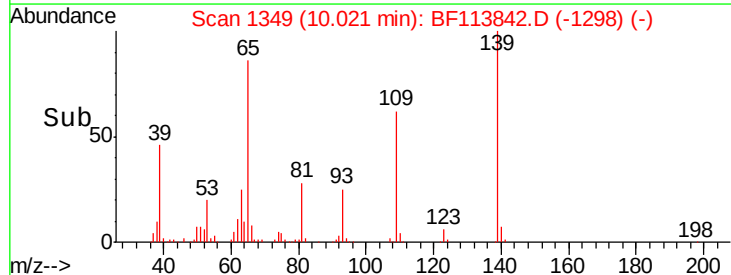
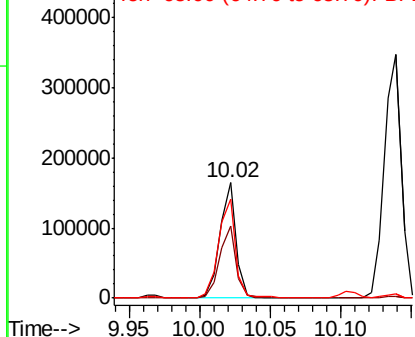


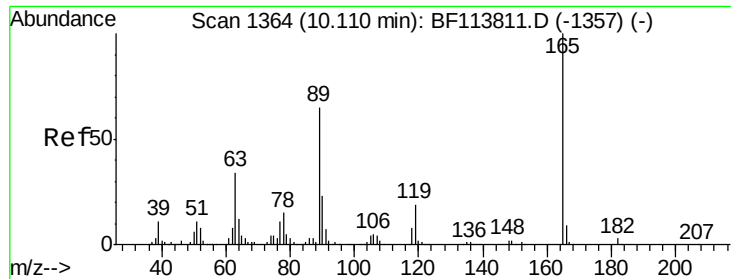
#56
4-Nitrophenol
Concen: 42.627 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

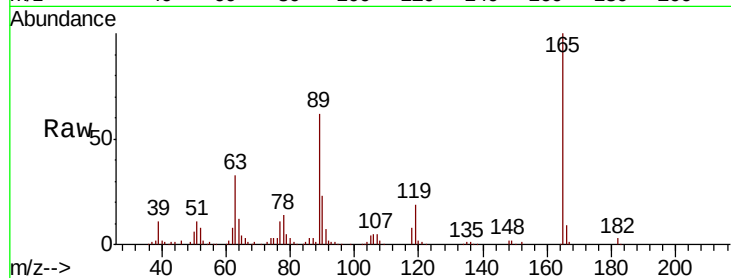




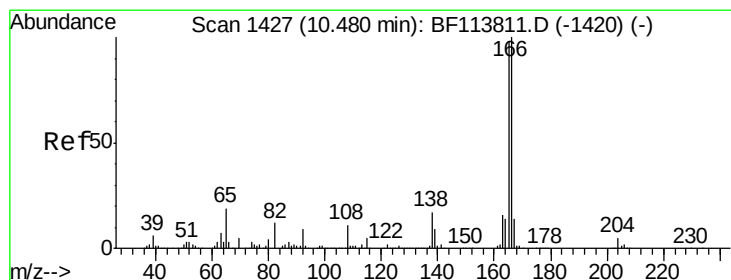
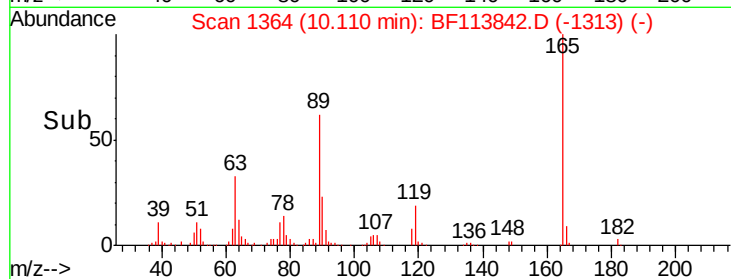
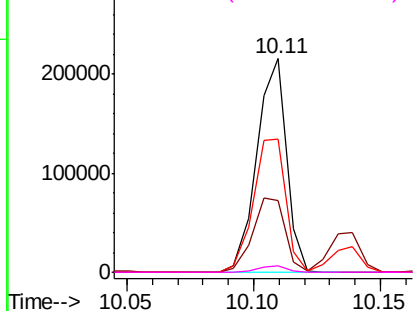
#57
2,4-Dinitrotoluene
Concen: 39.755 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

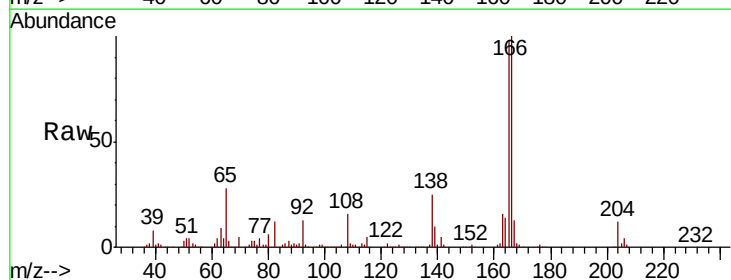


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

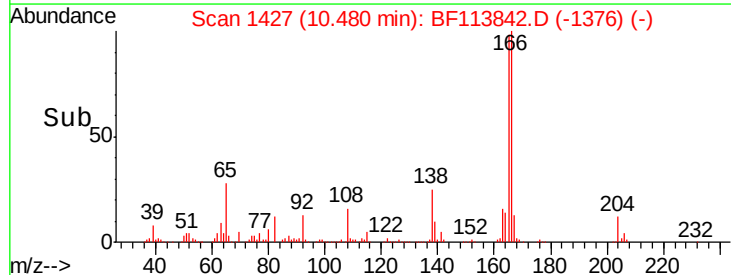
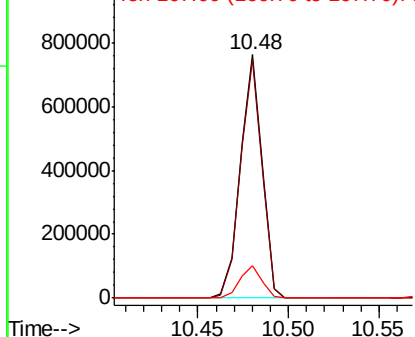


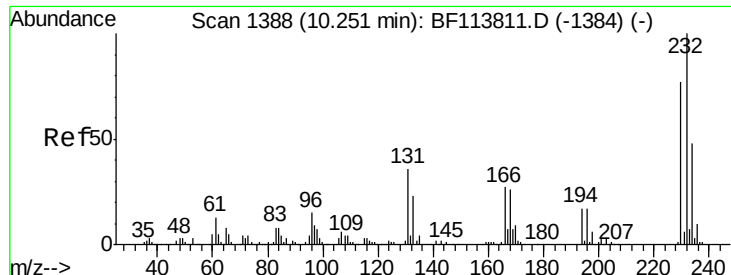
#58
Fluorene
Concen: 42.700 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion	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

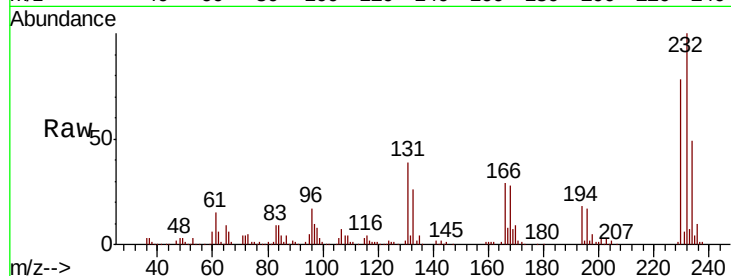




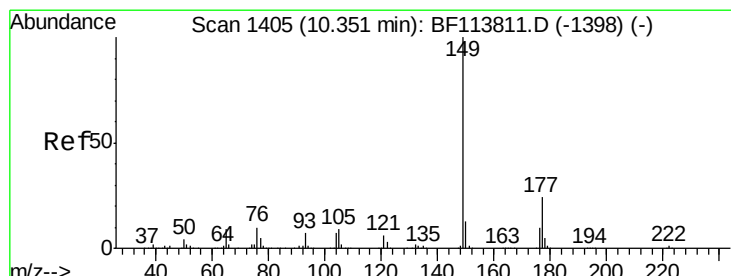
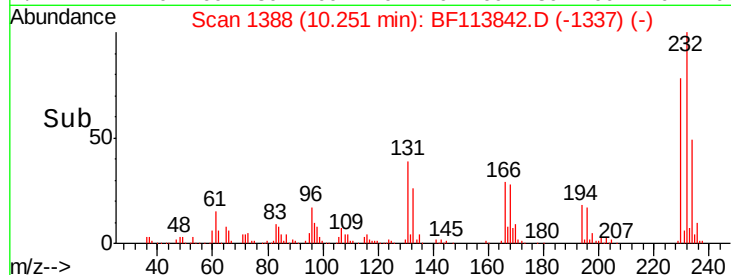
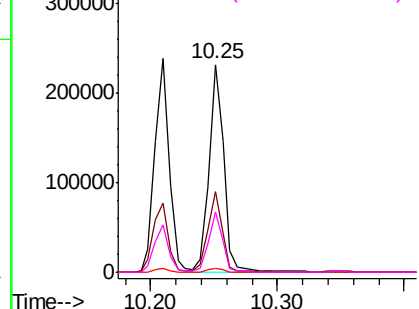
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.674 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	186246
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

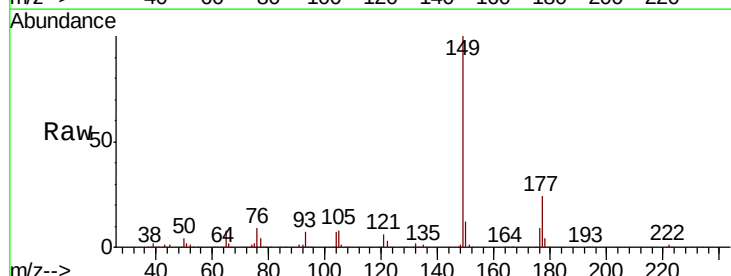


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

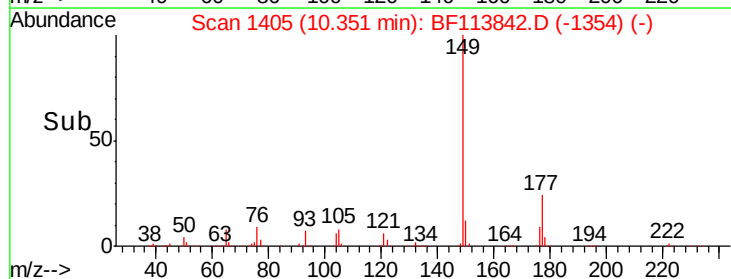
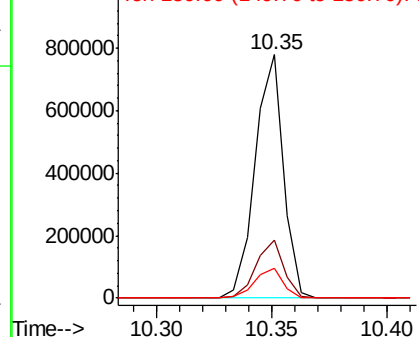


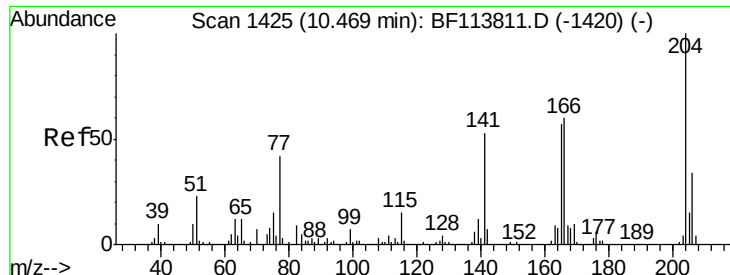
#60
 Diethylphthalate
 Concen: 42.907 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Tgt Ion:	149	Resp:	667681
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

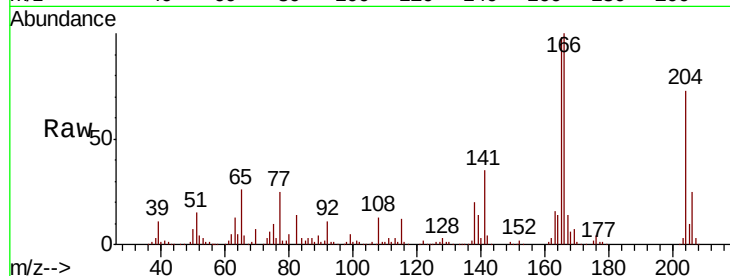




#61
 4-Chlorophenyl-phenylether
 Concen: 43.683 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

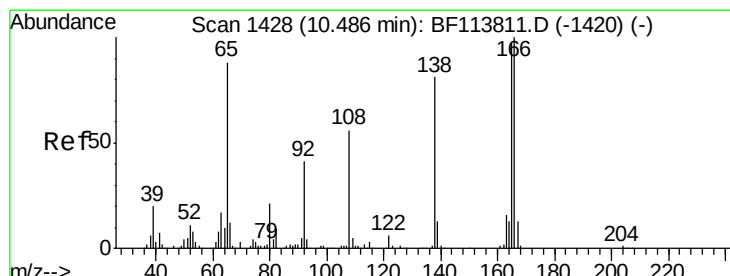
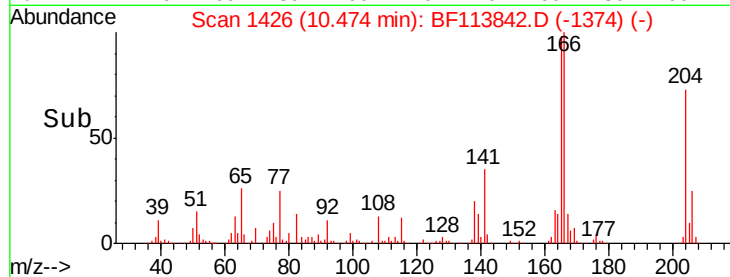
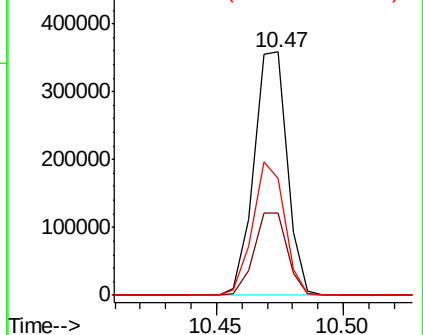


Abundance

Ion 204.00 (203.70 to 204.70): E

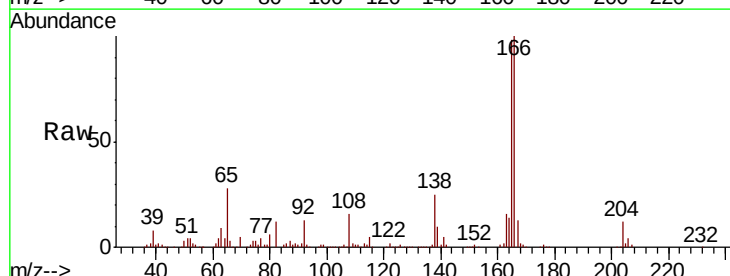
Ion 206.00 (205.70 to 206.70): E

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

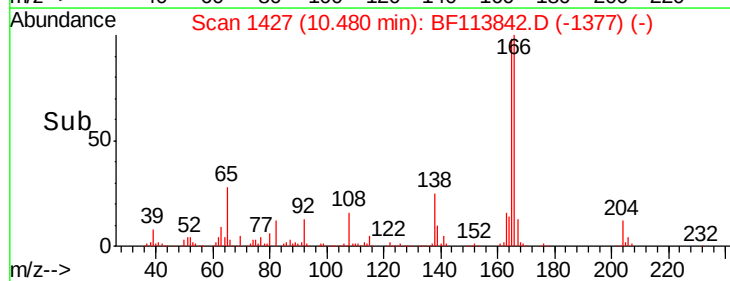
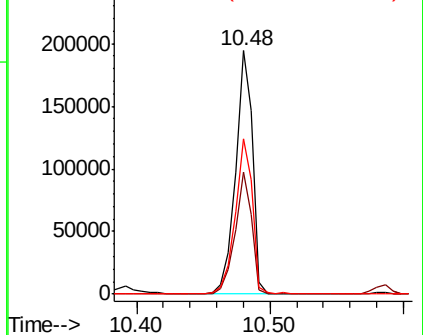


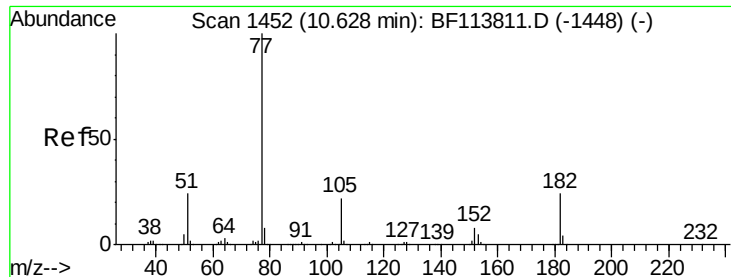
Abundance

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 :

SSTDCCC040

Tot Ion: 77 Resp: 648632

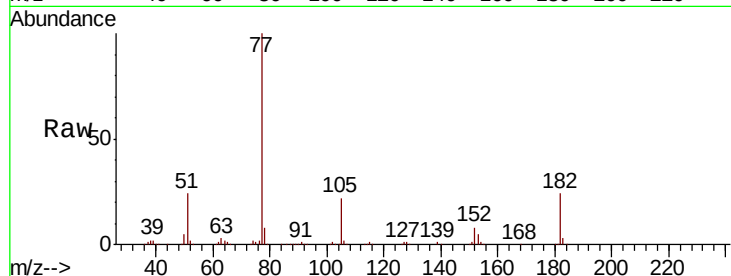
Ion Ratio Lower Upper

77 100

182 24.1 4.4 44.4

105 21.8 2.2 42.2

51 23.7 3.9 43.9

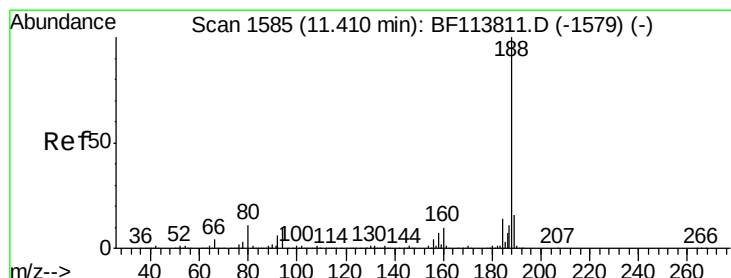
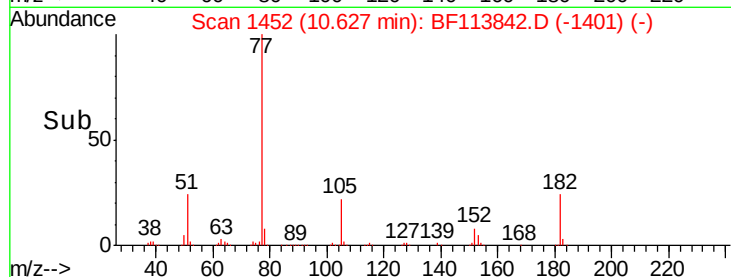
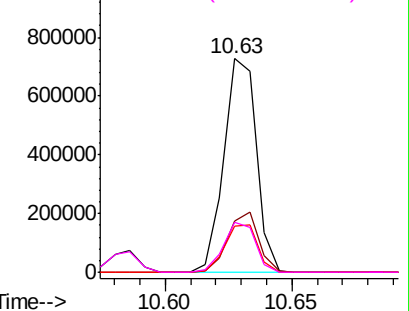


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF113842.D

Acq: 19 Apr 2019 4:11

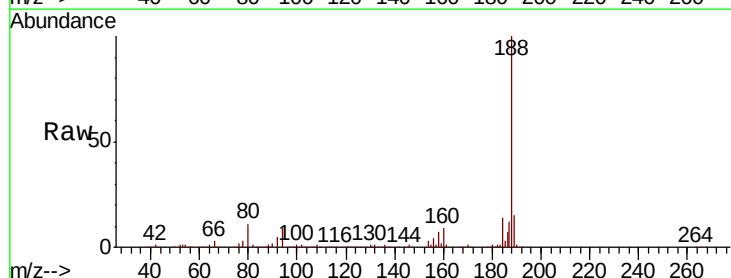
Tgt Ion: 188 Resp: 481768

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

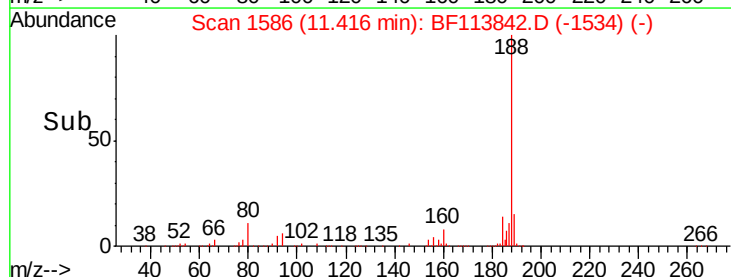
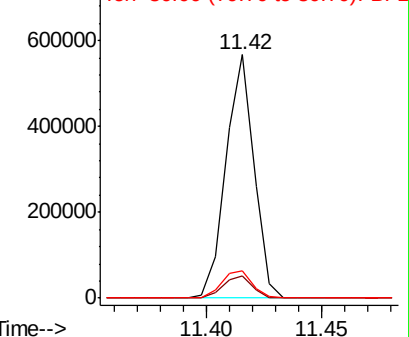
80 11.4 9.0 13.6

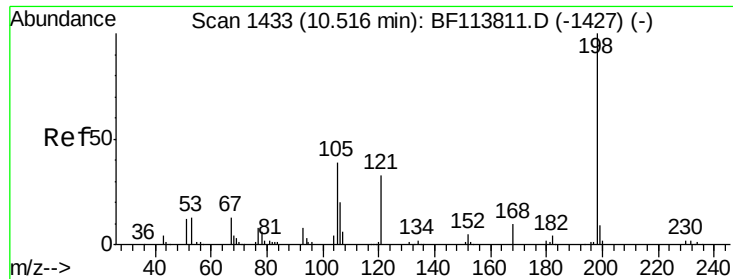


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

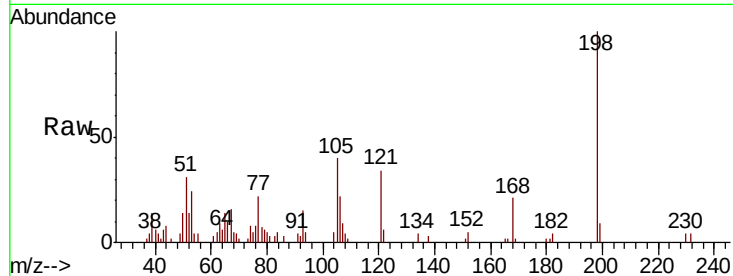




#65
 4,6-Dinitro-2-methylphenol
 Concen: 12.445 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF113842.D
 Acq: 19 Apr 2019 4:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

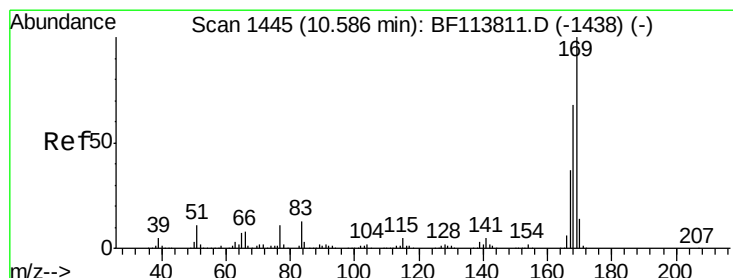
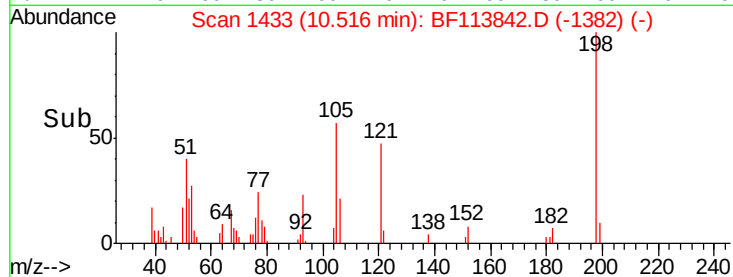
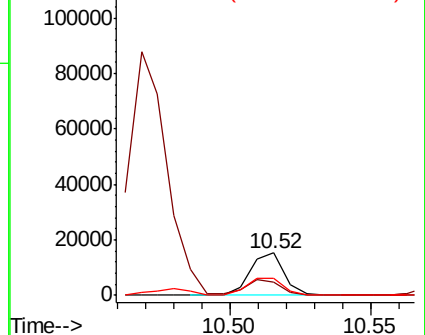


Abundance

Ion 198.00 (197.70 to 198.70): E

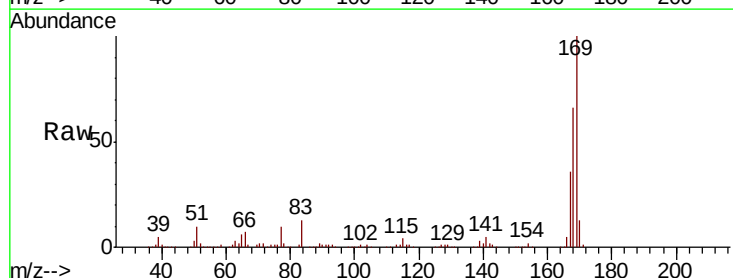
Ion 51.00 (50.70 to 51.70): BF1

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

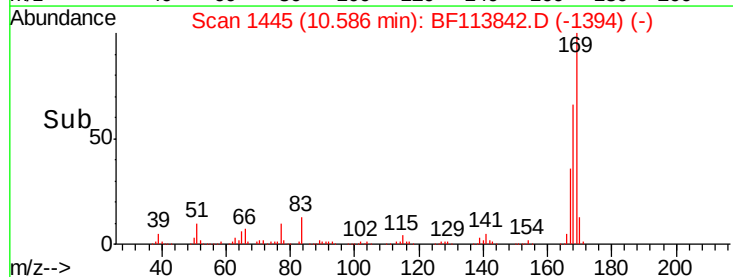
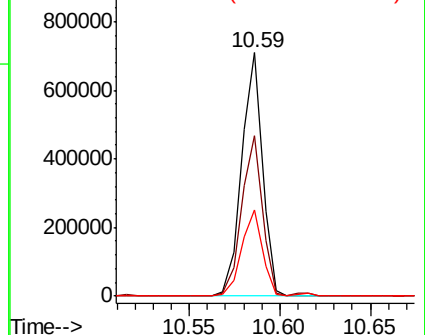


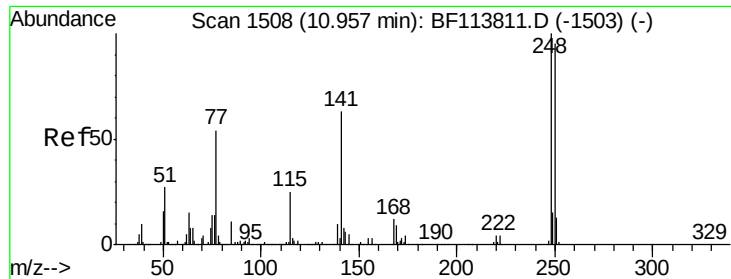
Abundance

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

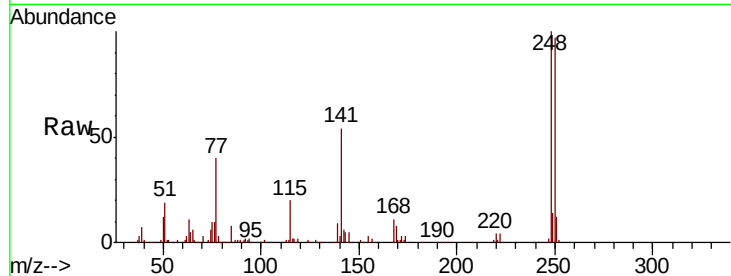




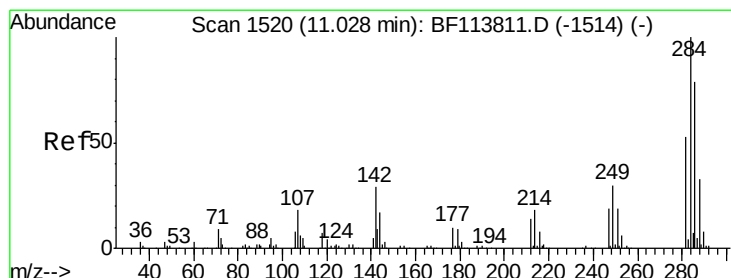
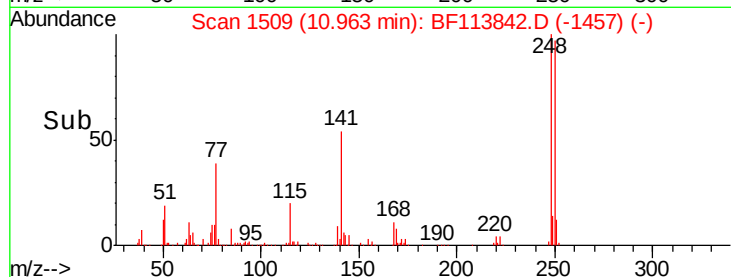
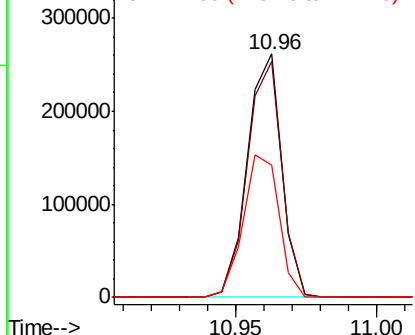
#67
4-Bromophenyl-phenylether
Concen: 39.113 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

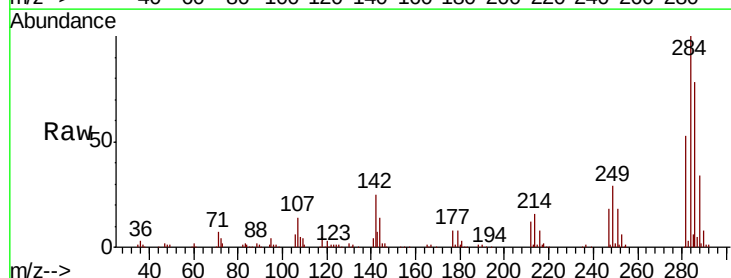


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

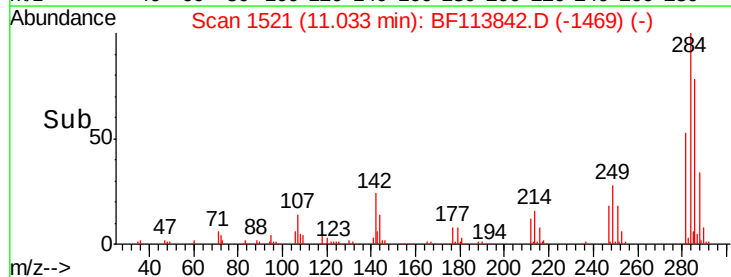
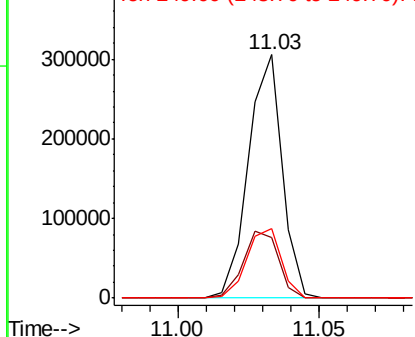


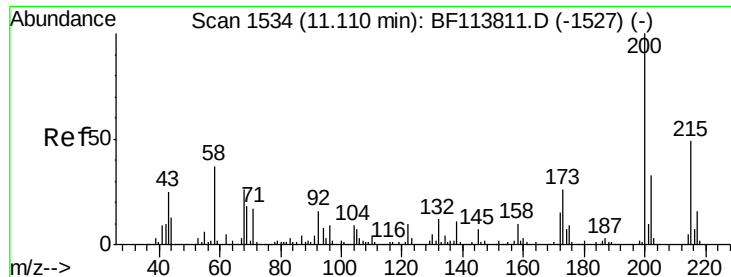
#68
Hexachlorobenzene
Concen: 40.671 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

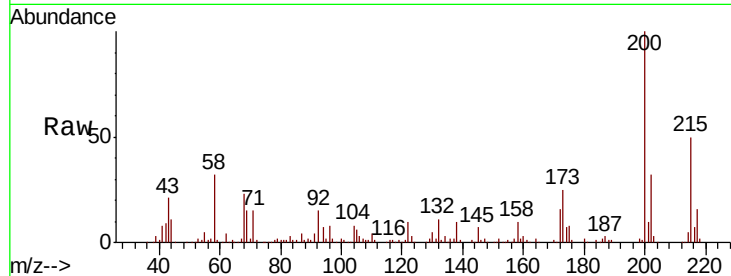




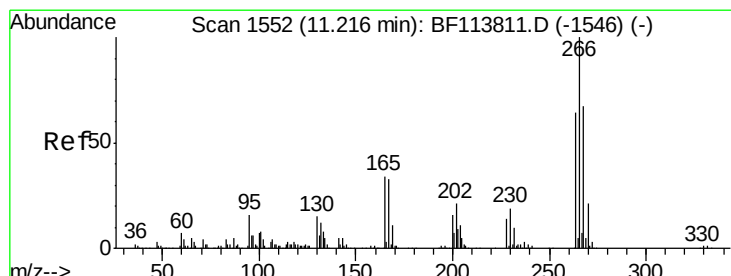
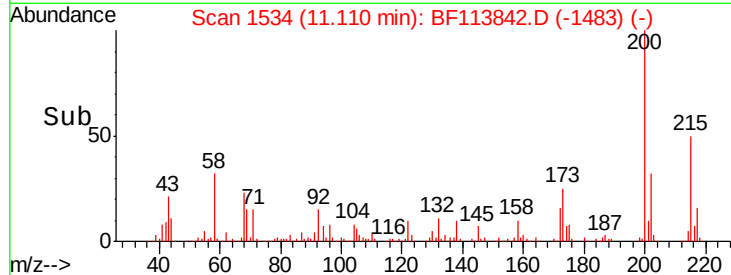
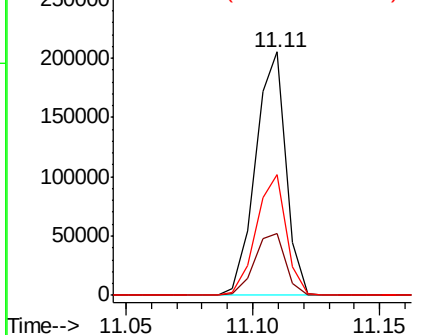
#69
Atrazine
Concen: 37.822 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

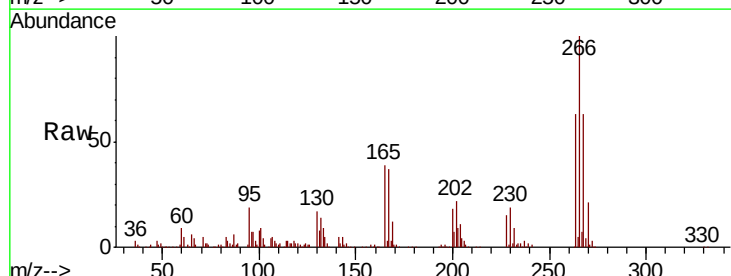


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

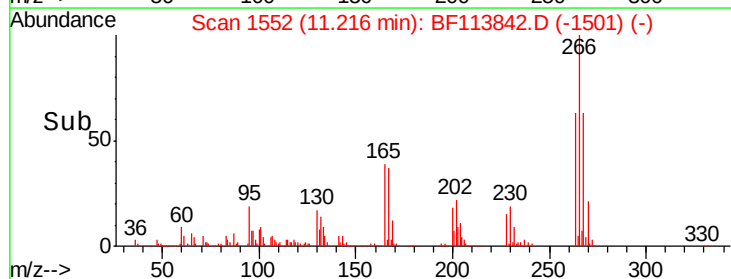
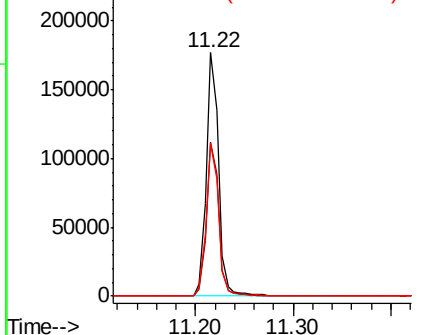


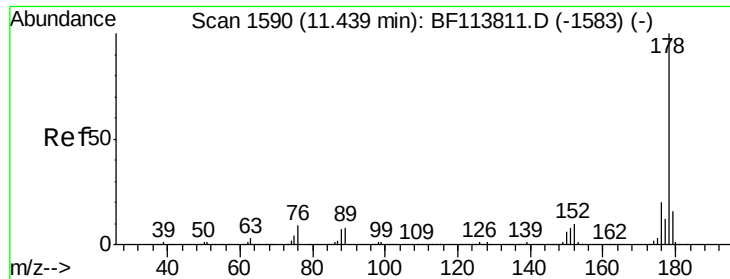
#70
Pentachlorophenol
Concen: 44.288 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Tgt Ion	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

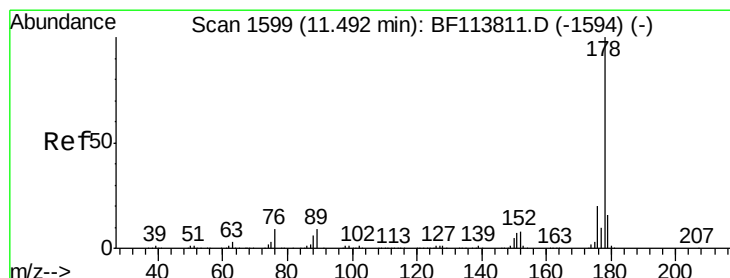
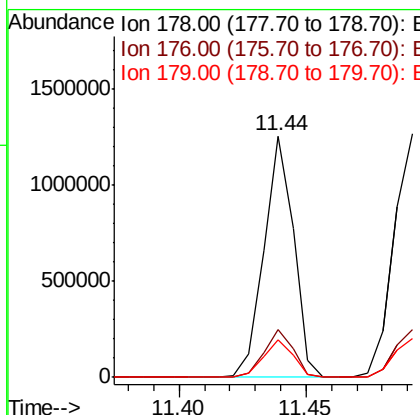
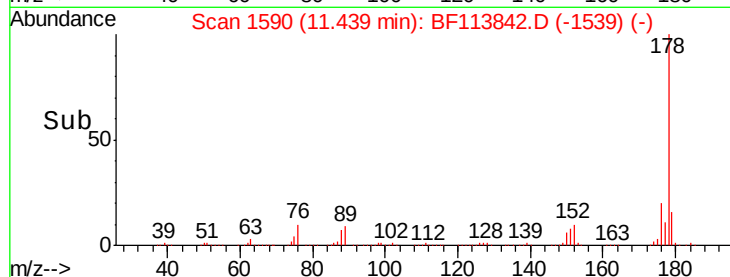
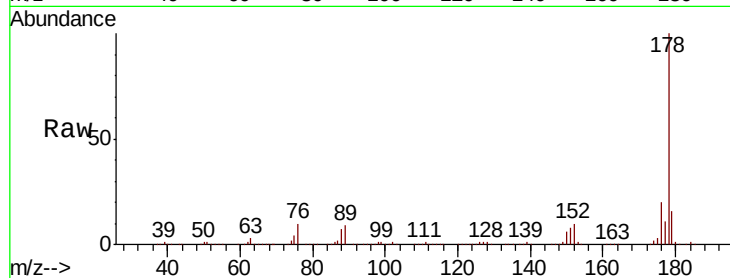




#71
Phenanthrene
Concen: 41.958 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

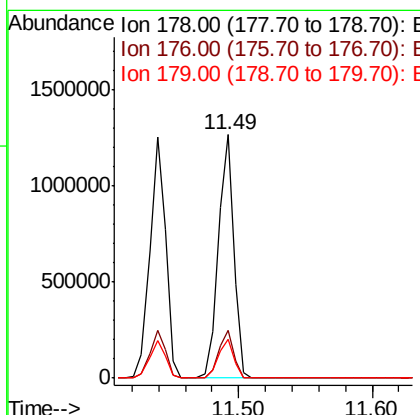
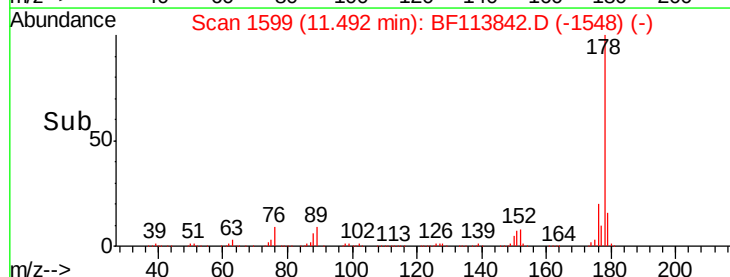
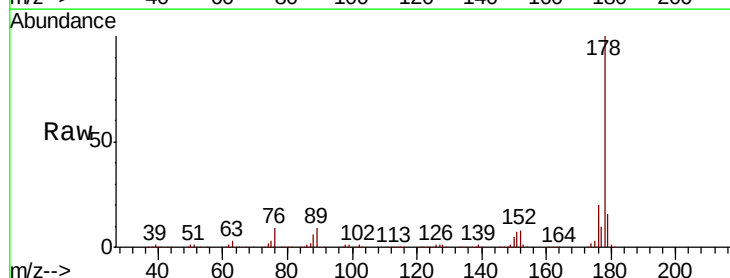
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

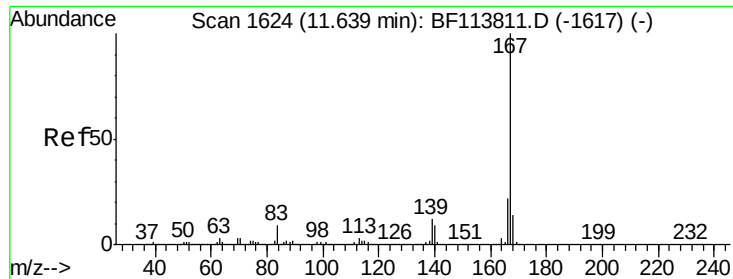
Tot Ion:178 Resp: 1029526
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 15.8 12.8 19.2



#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 :

SSTDCCC040

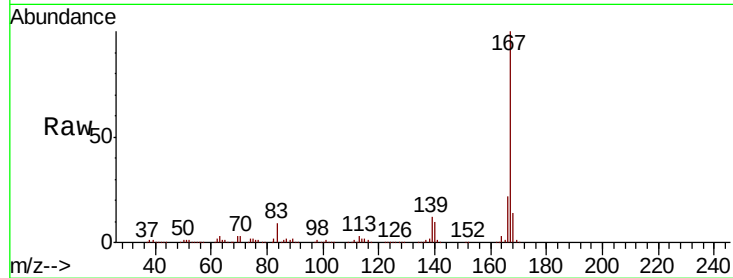
Tot Ion:167 Resp: 966743

Ion Ratio Lower Upper

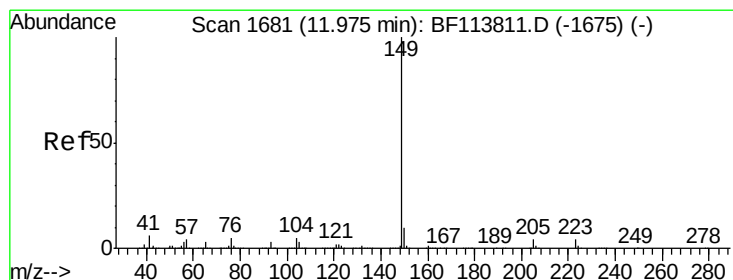
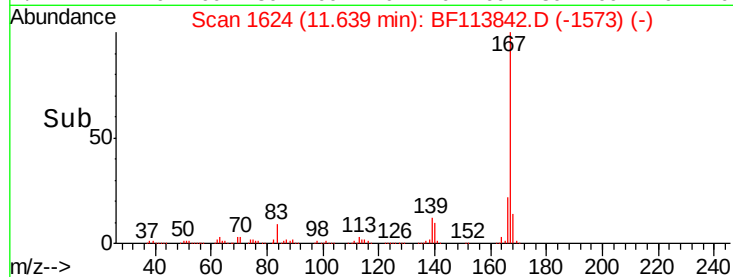
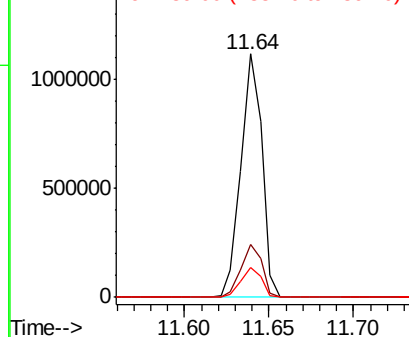
167 100

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

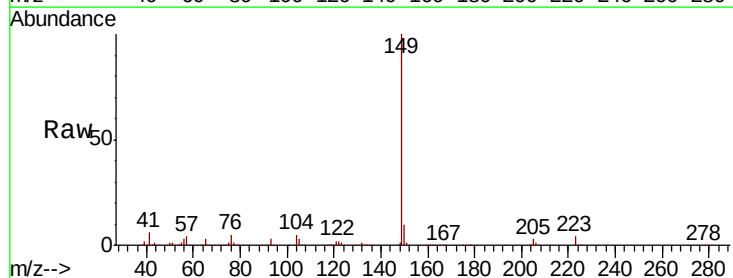
Tgt Ion:149 Resp: 1094308

Ion Ratio Lower Upper

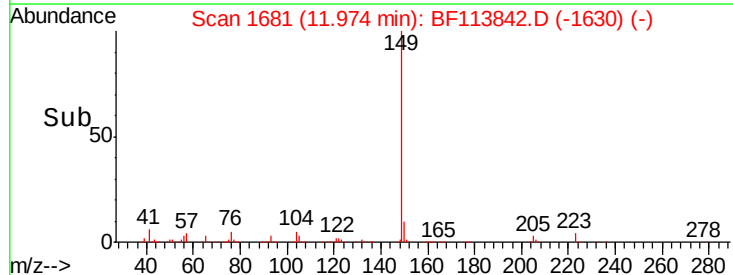
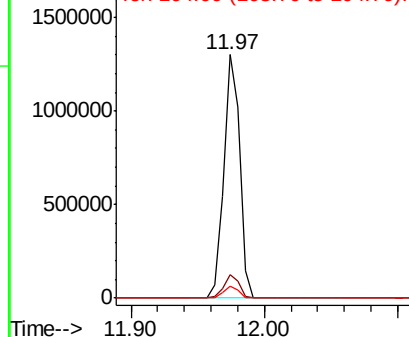
149 100

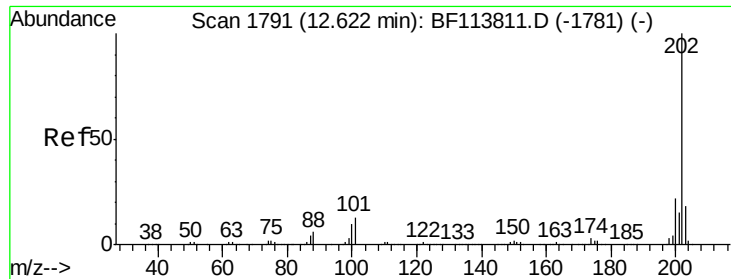
150 9.6 7.8 11.8

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

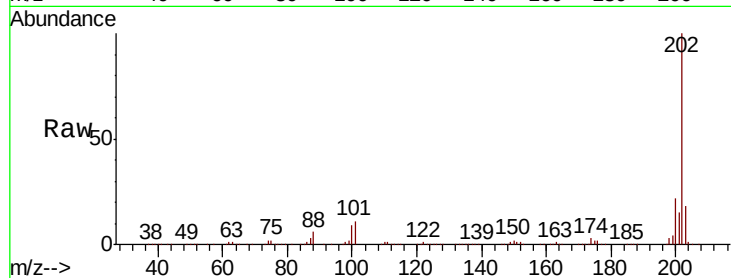




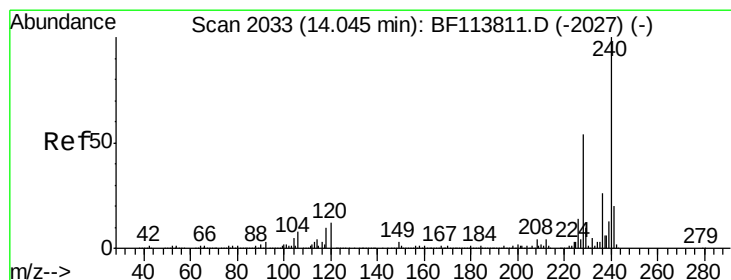
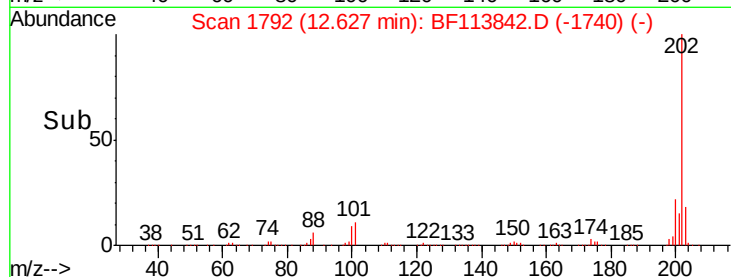
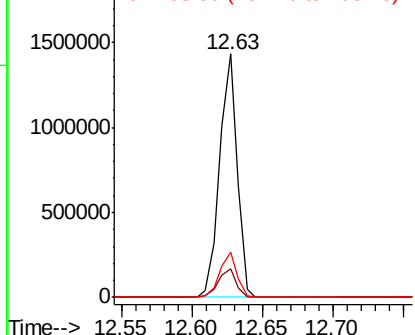
#75
Fluoranthene
Concen: 47.549 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

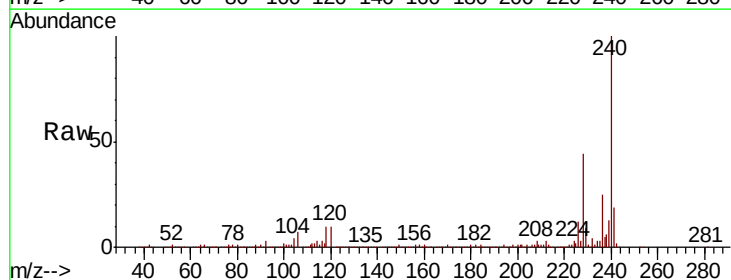


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

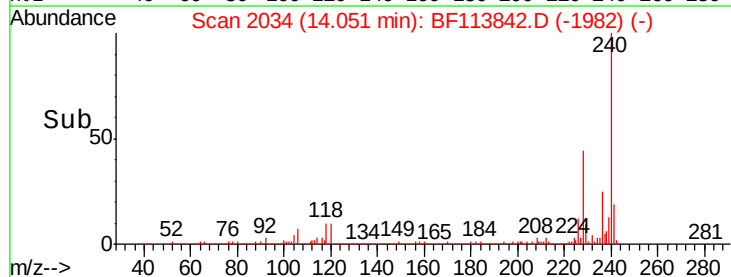
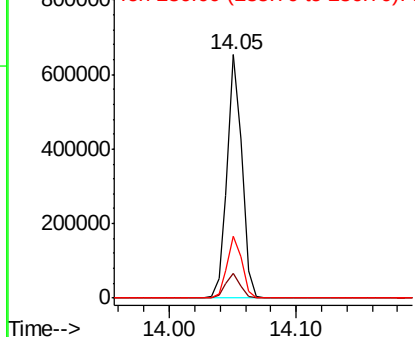


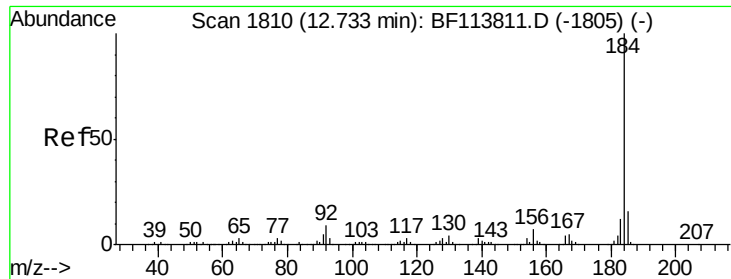
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

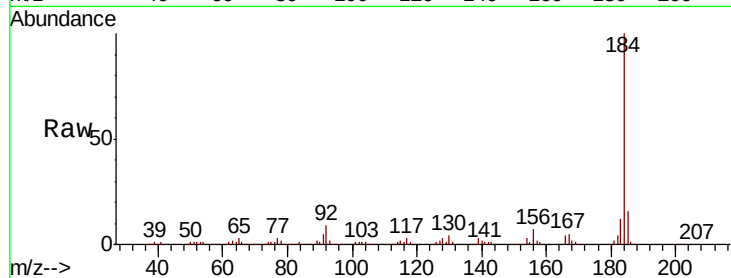




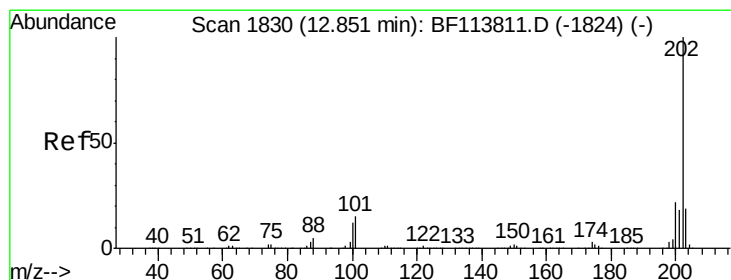
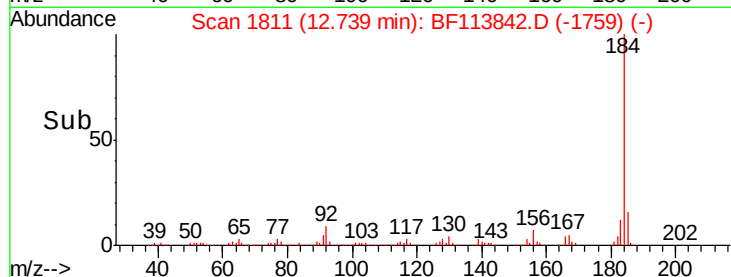
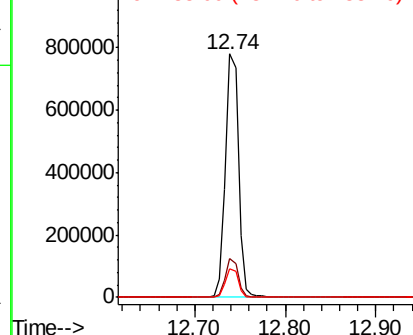
#77
Benzidine
Concen: 56.119 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

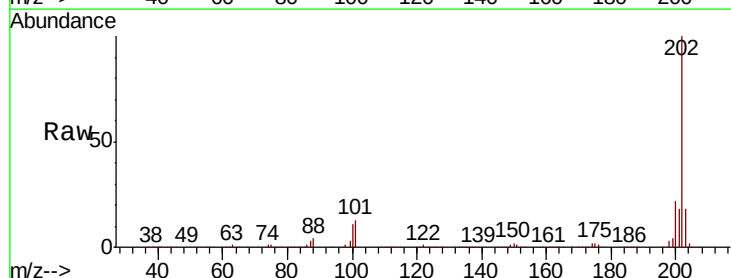


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

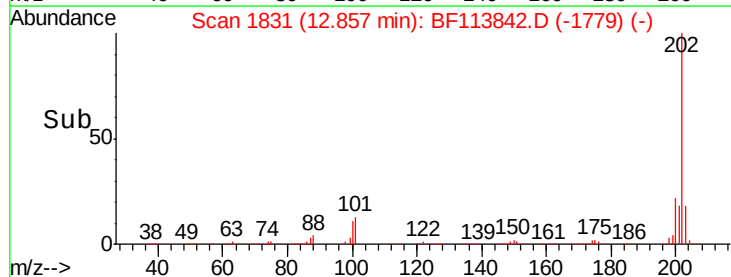
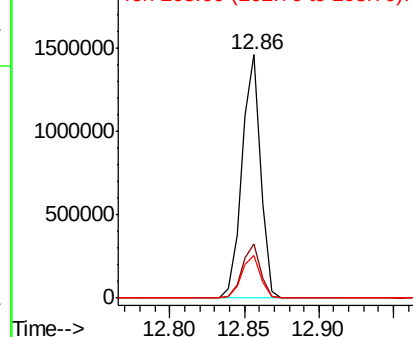


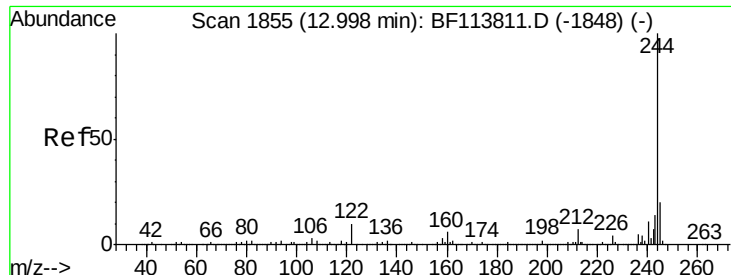
#78
Pyrene
Concen: 34.070 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

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

ClientSampleId :

SSTDCCC040

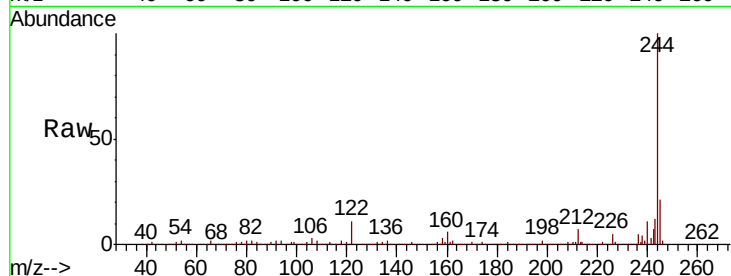
Tot Ion:244 Resp: 1809046

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

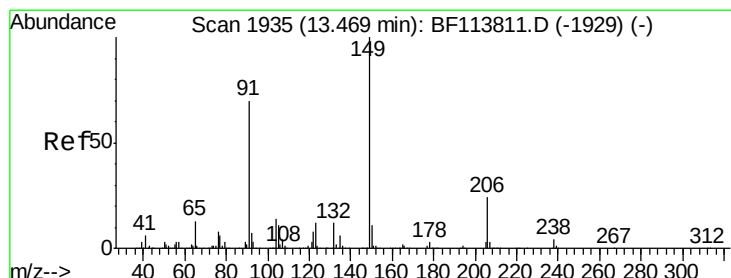
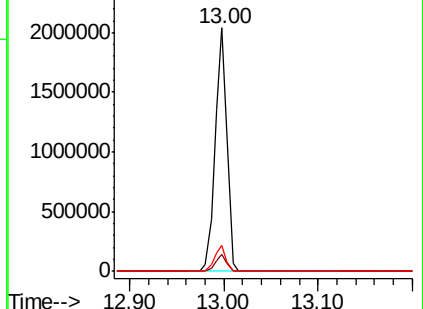
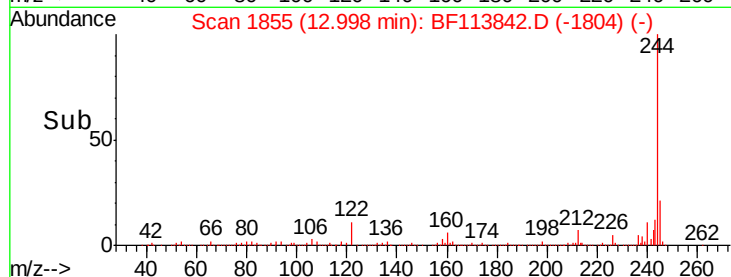
122 10.5 7.6 11.4



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

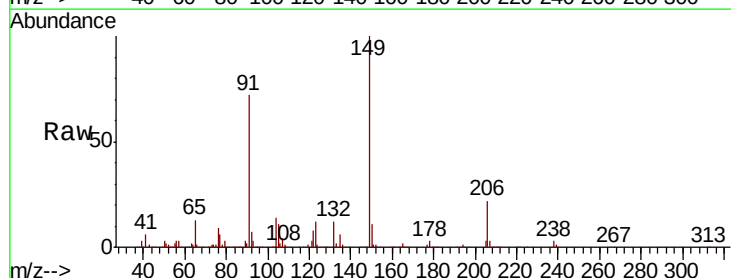
Tgt Ion:149 Resp: 532439

Ion Ratio Lower Upper

149 100

91 71.5 56.3 84.5

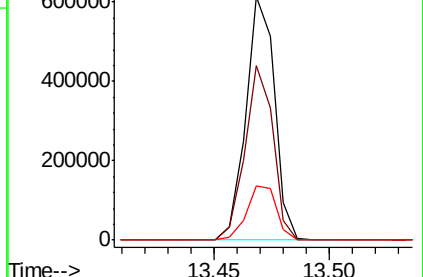
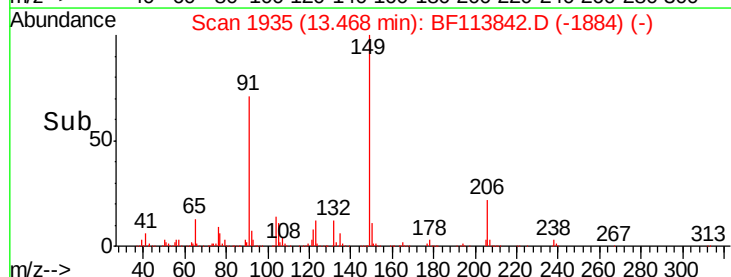
206 22.3 19.0 28.6

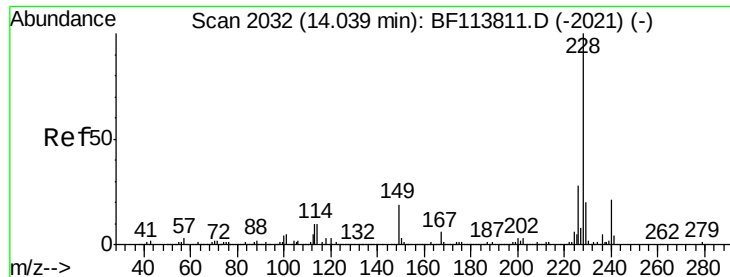


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

SSTDCCC040

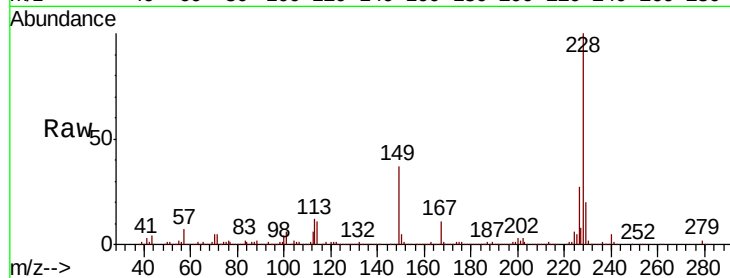
Tot Ion:228 Resp: 1226162

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

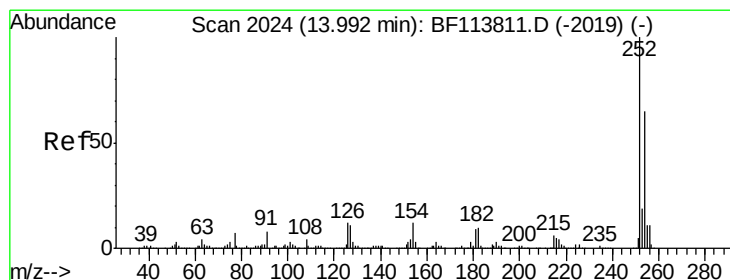
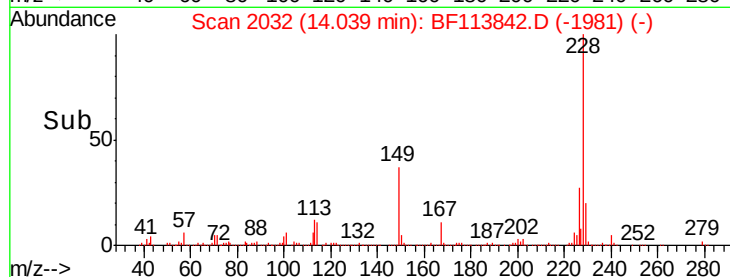
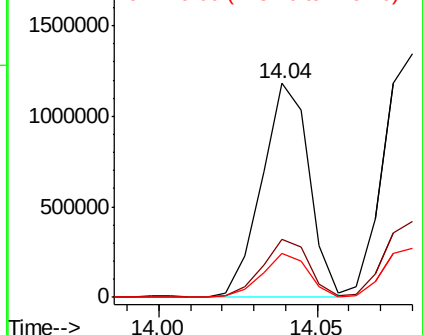
229 20.4 16.0 24.0



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

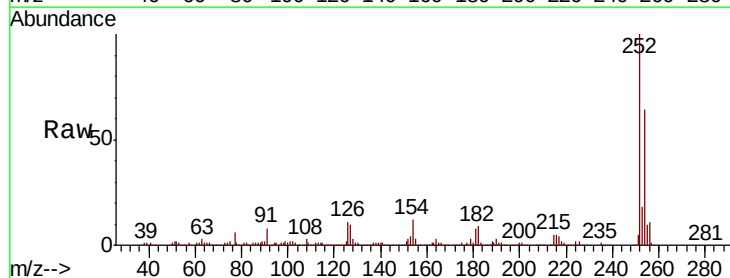
Tgt Ion:252 Resp: 535656

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

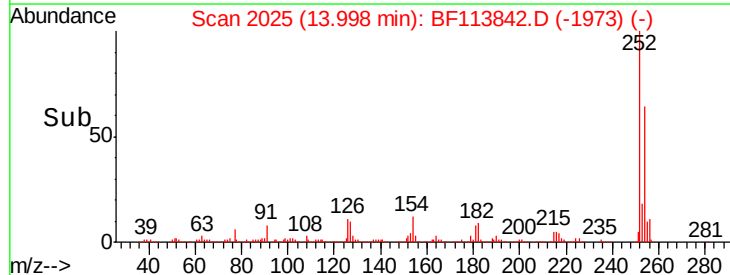
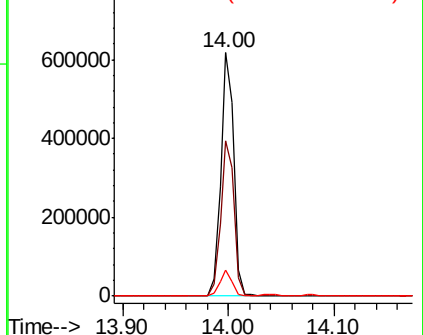
126 10.6 9.3 13.9

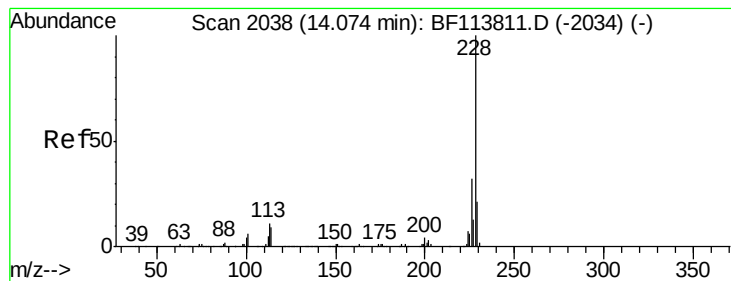


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

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 :

SSTDCCC040

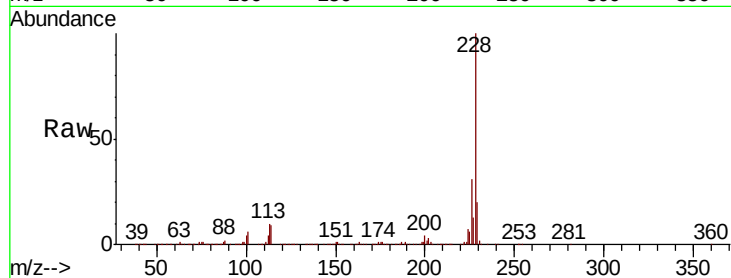
Tot Ion:228 Resp: 1214857

Ion Ratio Lower Upper

228 100

226 31.0 25.2 37.8

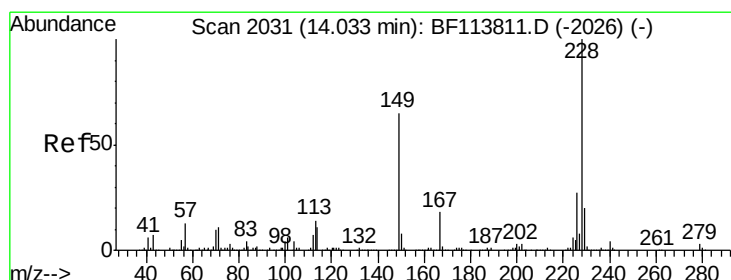
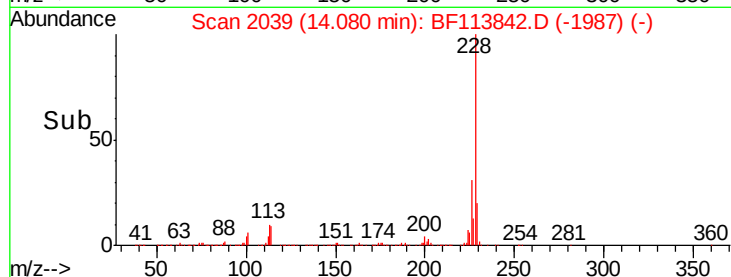
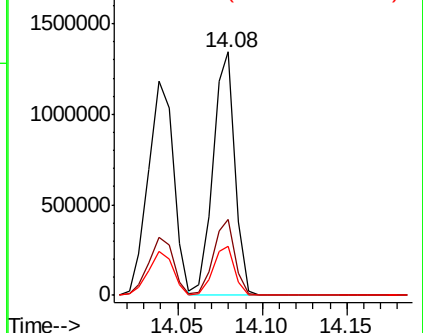
229 20.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 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

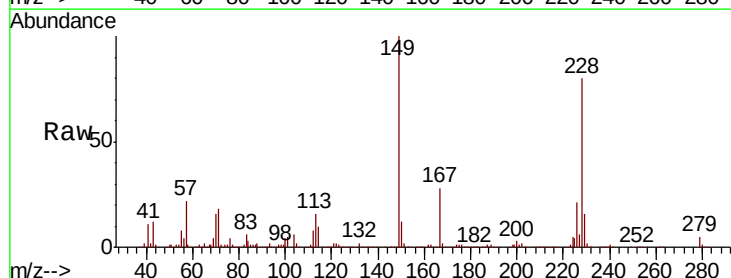
Tgt Ion:149 Resp: 725446

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

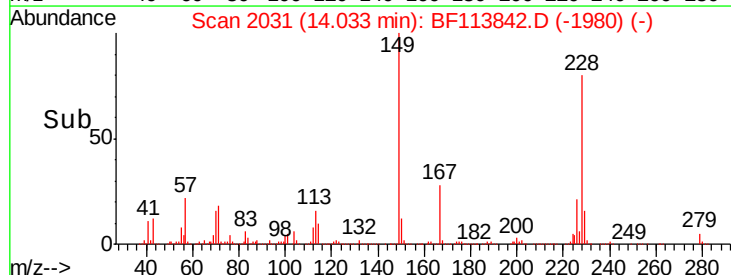
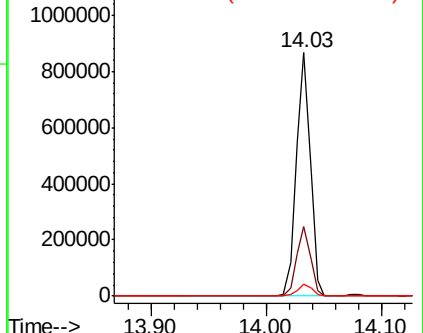
279 4.9 4.2 6.2

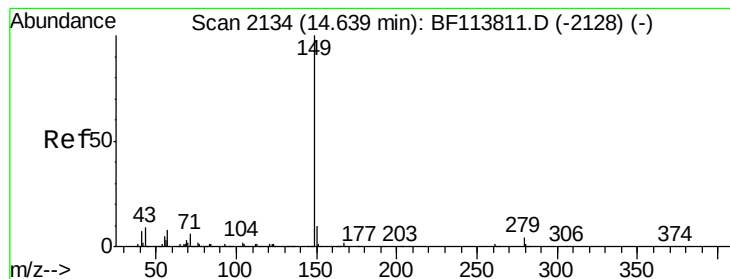


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 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 :

SSTDCCC040

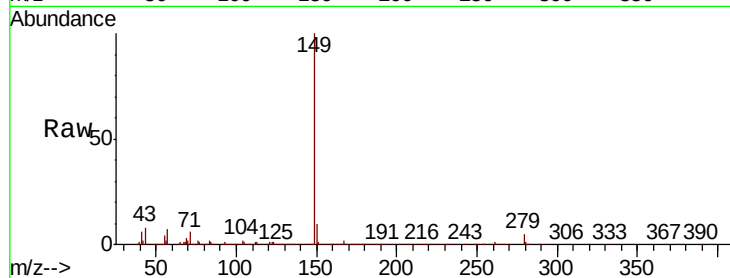
Tot Ion:149 Resp: 1303786

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

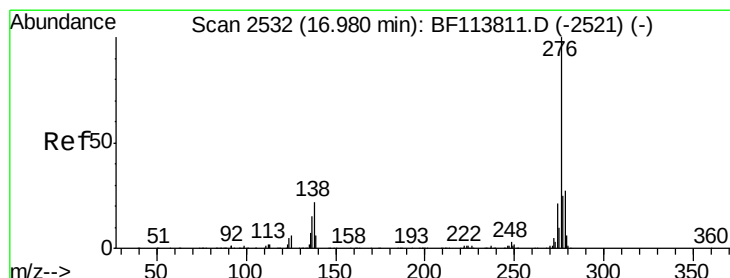
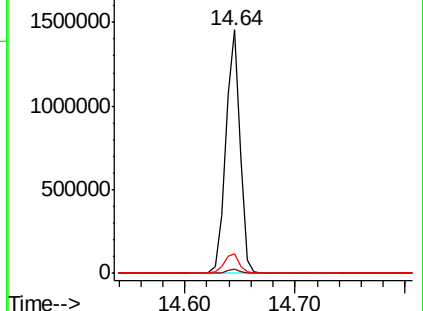
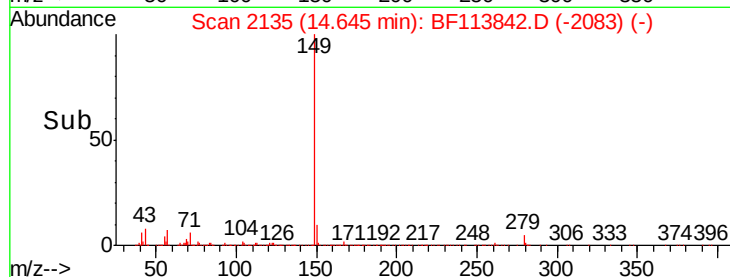
43 8.1 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

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

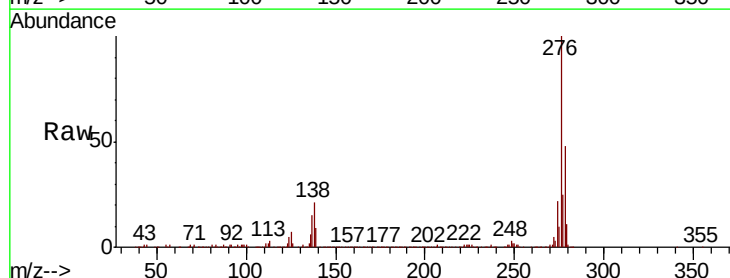
Tgt Ion:276 Resp: 891006

Ion Ratio Lower Upper

276 100

138 23.4 19.6 29.4

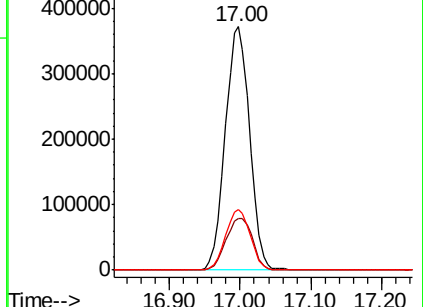
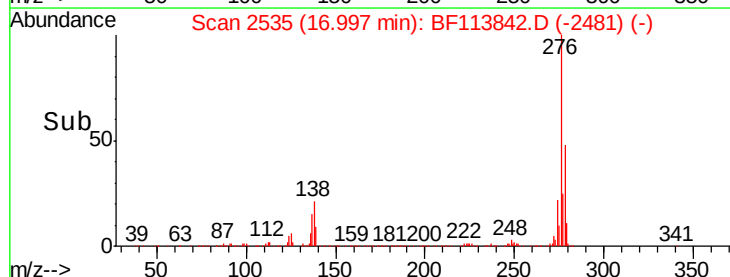
277 25.5 20.2 30.4

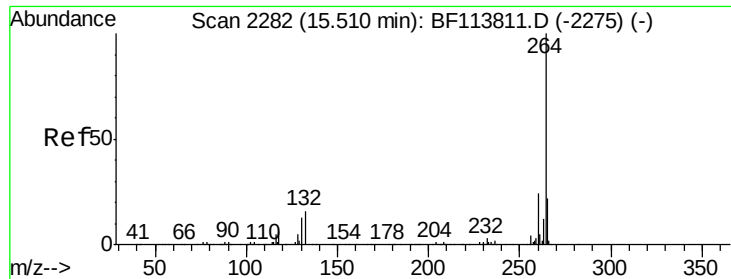


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

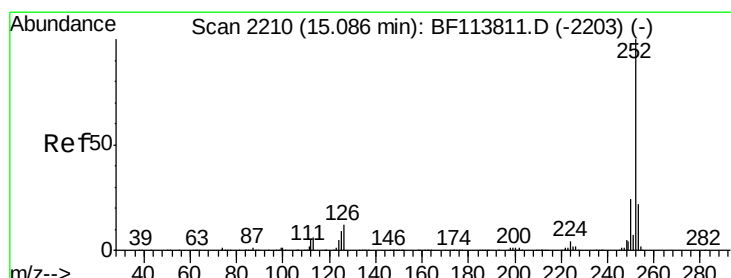
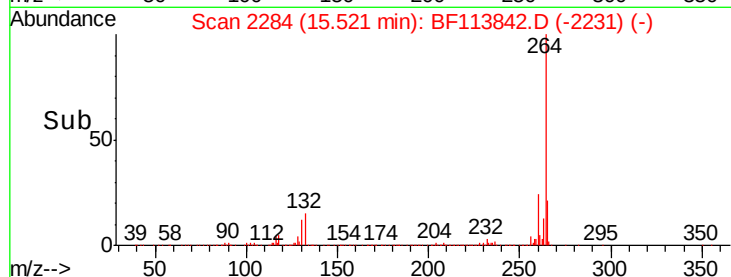
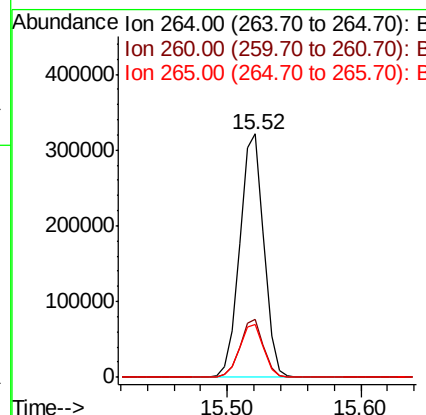
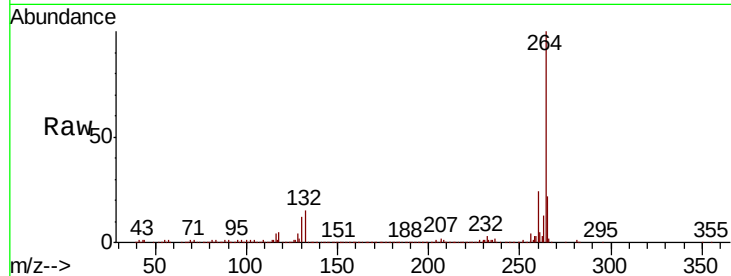




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

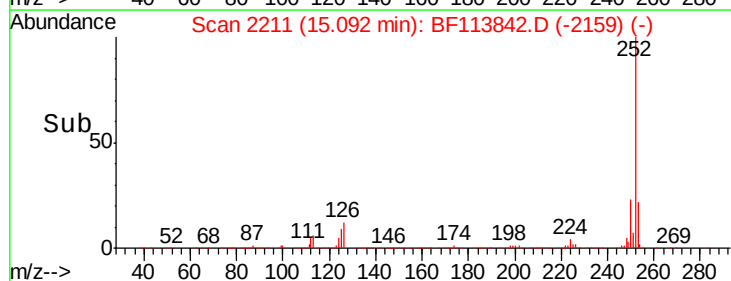
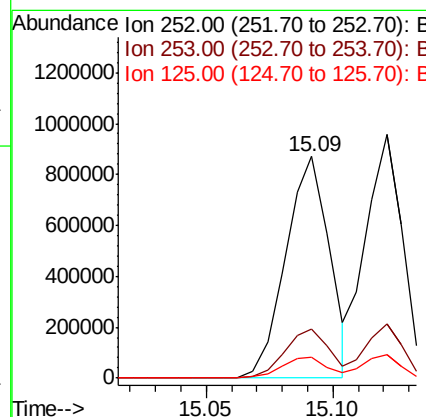
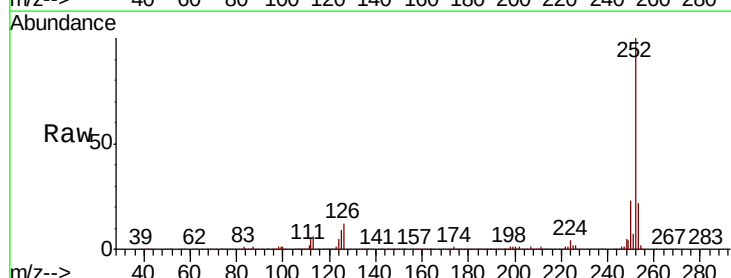
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

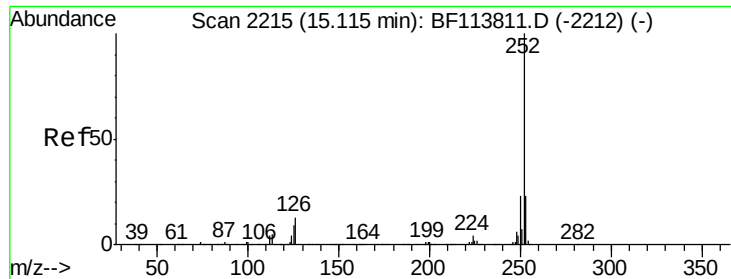
Tot Ion:264 Resp: 402971
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.5 17.3 25.9



#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

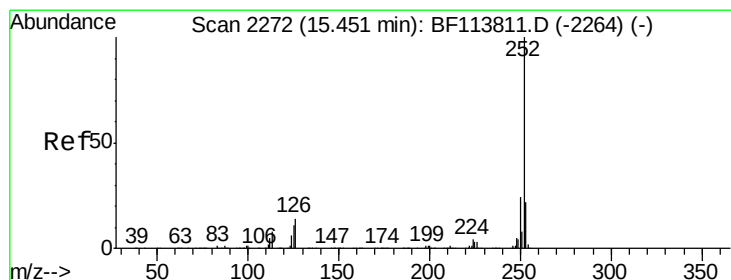
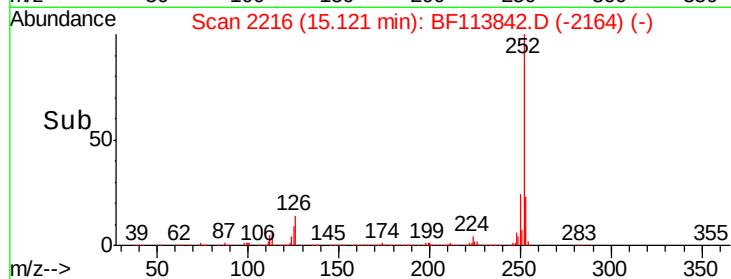
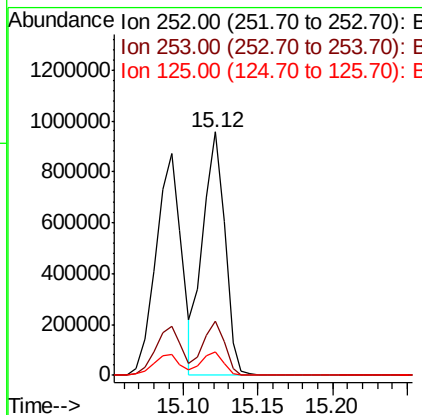
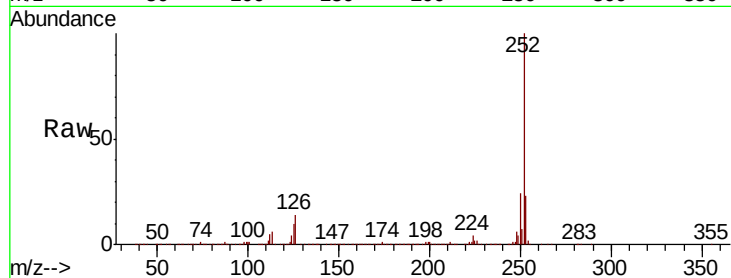




#89
Benzo(k)fluoranthene
Concen: 42.477 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF113842.D
Acq: 19 Apr 2019 4:11

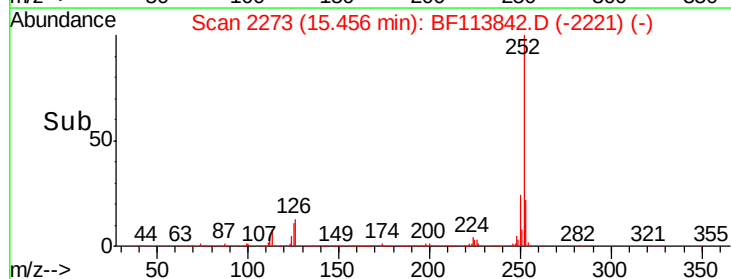
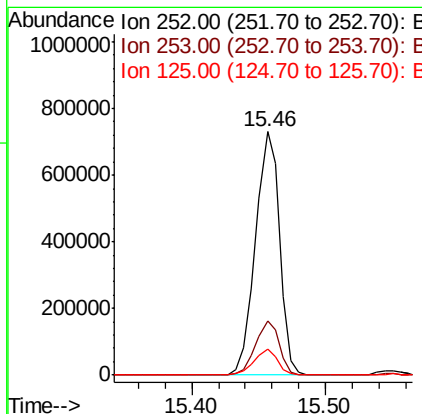
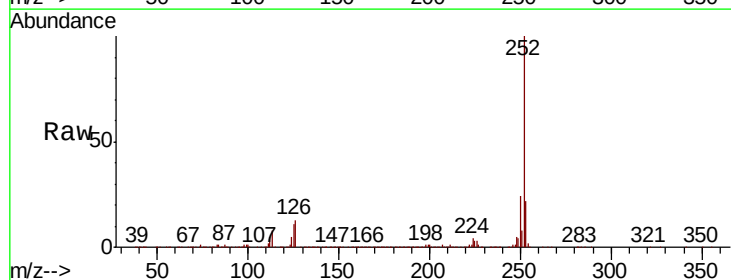
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

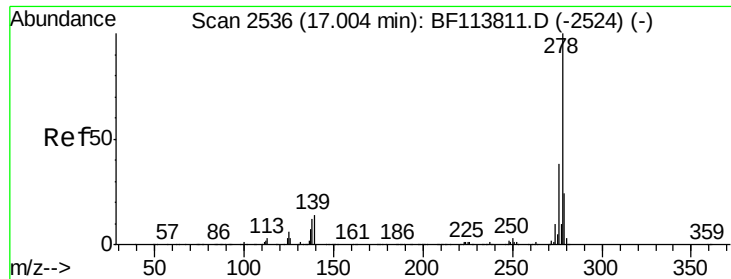
Tot Ion:252 Resp: 971899
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.5 7.4 11.2



#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 :

SSTDCCC040

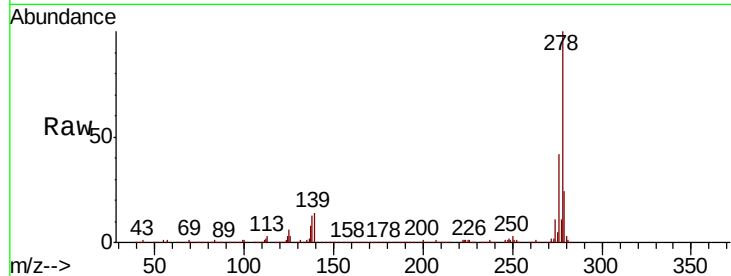
Tot Ion:278 Resp: 750543

Ion Ratio Lower Upper

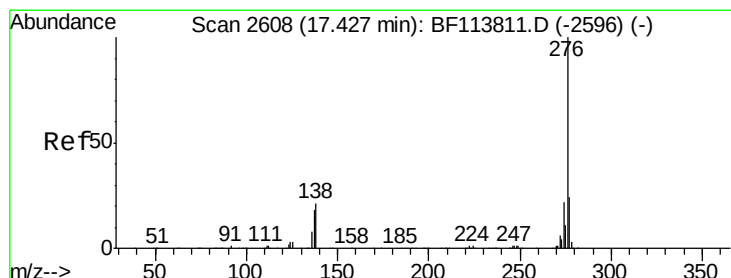
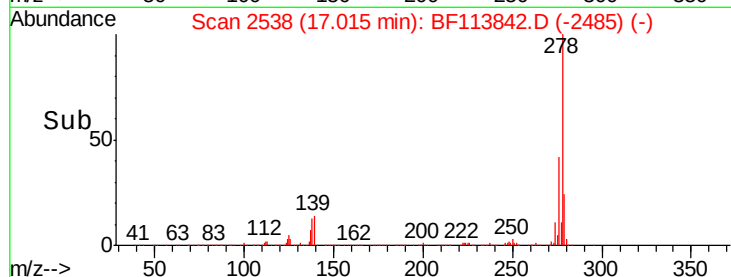
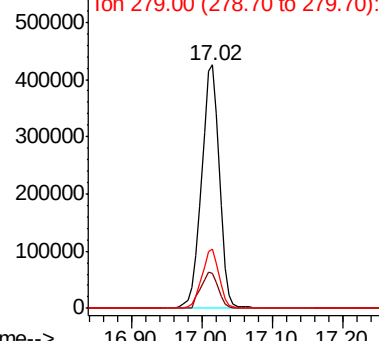
278 100

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

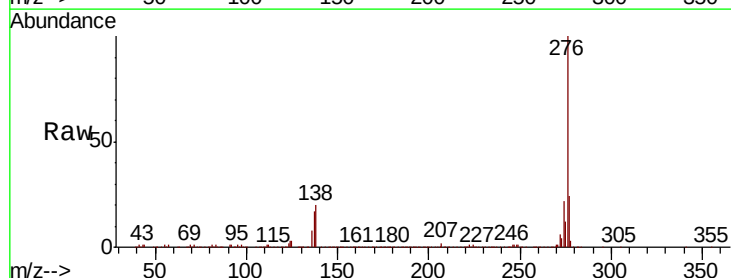
Tgt Ion:276 Resp: 696265

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

