

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111707.D
 Acq On : 26 Dec 2018 11:05
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 26 13:39:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 26 13:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217669	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	789006	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	388661	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	722509	20.00	ng	0.00
76) Chrysene-d12	14.07	240	500269	20.00	ng	0.00
87) Perylene-d12	15.55	264	388619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	972781	76.18	ng	0.00
7) Phenol-d6	6.55	99	1239888	76.29	ng	0.00
23) Nitrobenzene-d5	7.47	82	1133483	83.62	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	383210	83.45	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2156730	80.88	ng	0.00
79) Terphenyl-d14	13.01	244	2284715	86.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	210755	35.078	ng	95
3) Pyridine	3.48	79	567726	36.270	ng	98
4) n-Nitrosodimethylamine	3.43	42	288365	37.643	ng	# 79
6) Aniline	6.57	93	769129	37.127	ng	99
8) 2-Chlorophenol	6.69	128	556922	39.370	ng	99
9) Benzaldehyde	6.45	77	401040	35.880	ng	96
10) Phenol	6.56	94	679881	37.077	ng	78
11) bis(2-Chloroethyl)ether	6.64	93	531913	38.710	ng	99
12) 1,3-Dichlorobenzene	6.85	146	653210	39.845	ng	97
13) 1,4-Dichlorobenzene	6.92	146	657562	39.550	ng	98
14) 1,2-Dichlorobenzene	7.08	146	609541	39.295	ng	97
15) Benzyl Alcohol	7.05	79	506168	39.216	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	920537	36.375	ng	97
17) 2-Methylphenol	7.16	107	434017	38.317	ng	94
18) Hexachloroethane	7.42	117	233538	41.684	ng	# 81
19) n-Nitroso-di-n-propylamine	7.32	70	404566	37.484	ng	95
20) 3+4-Methylphenols	7.31	107	543561	37.978	ng	# 88
22) Acetophenone	7.31	105	770290	38.536	ng	# 99
24) Nitrobenzene	7.49	77	578594	40.726	ng	99
25) Isophorone	7.72	82	925512	38.460	ng	97
26) 2-Nitrophenol	7.80	139	264720	45.944	ng	# 89
27) 2,4-Dimethylphenol	7.84	122	434487	38.253	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	626495	39.123	ng	99
29) 2,4-Dichlorophenol	8.05	162	482794	39.519	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	547039	40.183	ng	98
31) Naphthalene	8.21	128	1492571	39.371	ng	98
32) Benzoic acid	7.96	122	264617	35.236	ng	97
33) 4-Chloroaniline	8.25	127	635126	38.761	ng	98
34) Hexachlorobutadiene	8.33	225	346466	41.757	ng	98
35) Caprolactam	8.63	113	151839	36.679	ng	89
36) 4-Chloro-3-methylphenol	8.74	107	473917	39.463	ng	99
37) 2-Methylnaphthalene	8.90	142	980503	39.753	ng	99
38) 1-Methylnaphthalene	9.00	142	934999	39.471	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	529553	41.464	ng	# 98

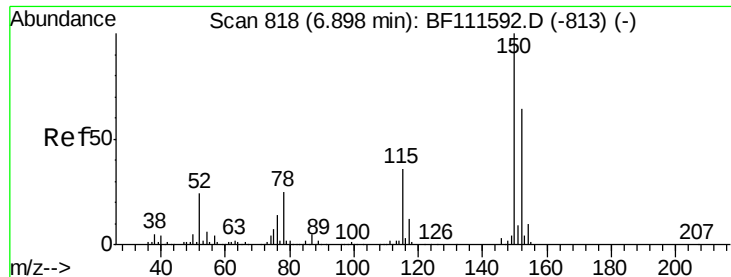
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	307996	49.697	ng	97
43) 2,4,6-Trichlorophenol	9.18	196	348229	40.839	ng	97
44) 2,4,5-Trichlorophenol	9.22	196	357475	40.865	ng	91
46) 1,1'-Biphenyl	9.36	154	1327169	40.452	ng	96
47) 2-Chloronaphthalene	9.39	162	1045341	40.214	ng	94
48) 2-Nitroaniline	9.48	65	296600	43.860	ng	95
49) Acenaphthylene	9.80	152	1522079	40.104	ng	96
50) Dimethylphthalate	9.66	163	1140184	40.117	ng	97
51) 2,6-Dinitrotoluene	9.72	165	236913	41.804	ng	93
52) Acenaphthene	9.97	154	945212	40.380	ng	97
53) 3-Nitroaniline	9.89	138	261574	43.278	ng	# 95
54) 2,4-Dinitrophenol	9.99	184	80293	47.422	ng	91
55) Dibenzofuran	10.15	168	1415008	40.012	ng	94
56) 4-Nitrophenol	10.05	139	192938	41.829	ng	92
57) 2,4-Dinitrotoluene	10.12	165	301073	44.202	ng	94
58) Fluorene	10.49	166	1011658	39.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	299251	40.650	ng	90
60) Diethylphthalate	10.36	149	1117203	40.072	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	575111	40.848	ng	94
62) 4-Nitroaniline	10.50	138	247757	42.176	ng	90
63) Azobenzene	10.64	77	1099083	39.268	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	134829	45.550	ng	88
66) n-Nitrosodiphenylamine	10.60	169	968315	39.925	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	367209	40.977	ng	96
68) Hexachlorobenzene	11.05	284	410370	41.071	ng	# 93
69) Atrazine	11.12	200	340789	40.447	ng	97
70) Pentachlorophenol	11.23	266	248650	40.254	ng	95
71) Phenanthrene	11.45	178	1509181	39.386	ng	95
72) Anthracene	11.50	178	1509879	39.258	ng	96
73) Carbazole	11.66	167	1442761	38.638	ng	96
74) Di-n-butylphthalate	11.99	149	1676458	40.043	ng	96
75) Fluoranthene	12.64	202	1490578	38.415	ng	97
77) Benzidine	12.75	184	624894	33.195	ng	99
78) Pyrene	12.87	202	1510191	42.748	ng	97
80) Butylbenzylphthalate	13.48	149	637218	44.250	ng	90
81) Benzo(a)anthracene	14.06	228	1156412	40.505	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	457638	40.569	ng	# 95
83) Chrysene	14.09	228	1112411	39.643	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	819788	45.195	ng	98
85) Di-n-octyl phthalate	14.66	149	1147659	40.836	ng	96
86) Indeno(1,2,3-cd)pyrene	17.05	276	928623	38.929	ng	# 88
88) Benzo(b)fluoranthene	15.12	252	923487	40.660	ng	# 96
89) Benzo(k)fluoranthene	15.15	252	839606	38.829	ng	# 95
90) Benzo(a)pyrene	15.49	252	828420	40.148	ng	# 93
91) Dibenzo(a,h)anthracene	17.07	278	778721	43.097	ng	# 91
92) Benzo(g,h,i)perylene	17.50	276	765831	43.405	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF111707.D

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SSTDCCC040

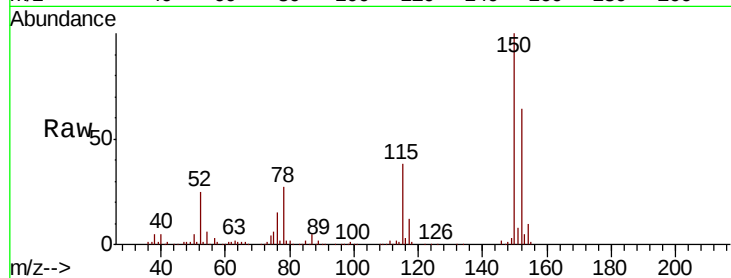
Tot Ion:152 Resp: 217669

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

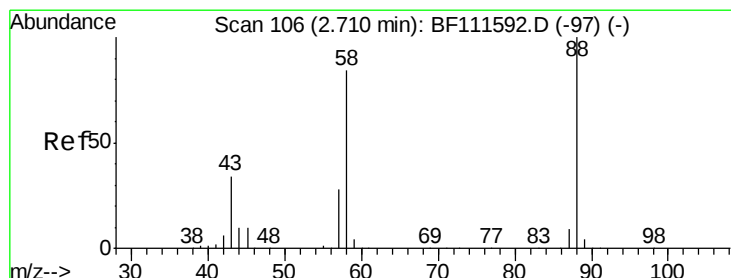
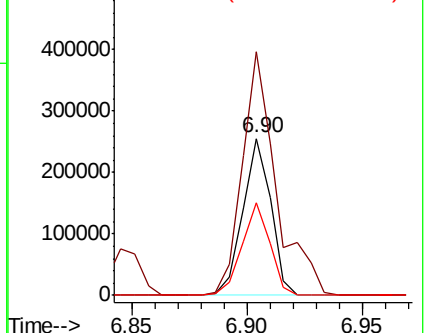
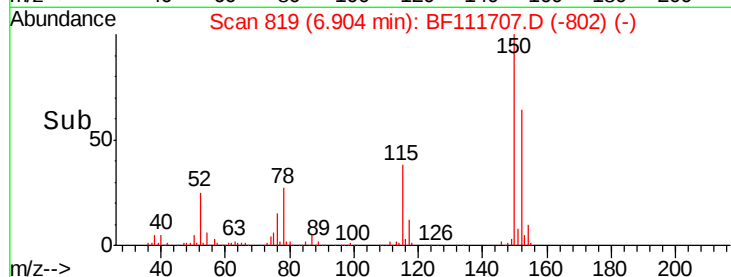
115 59.4 50.7 76.1



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: 35.078 ng

RT: 2.72 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

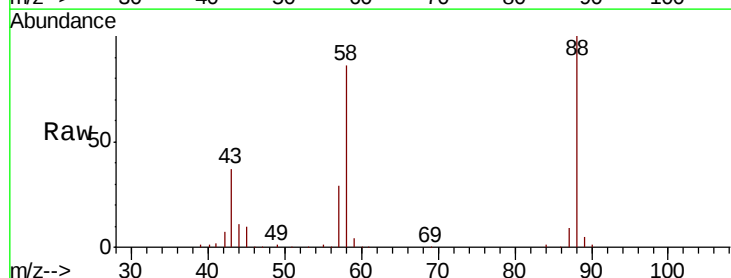
Tgt Ion: 88 Resp: 210755

Ion Ratio Lower Upper

88 100

58 83.4 68.9 103.3

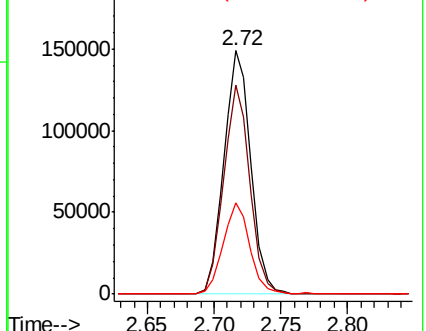
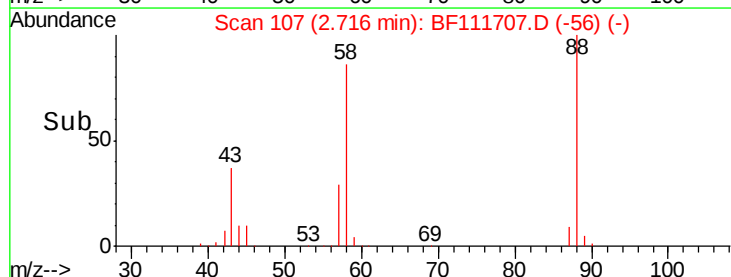
43 37.7 25.8 38.6

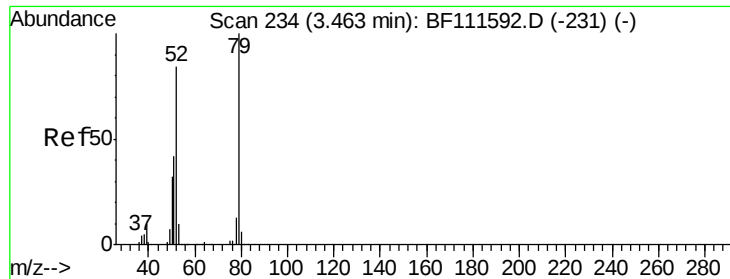


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.270 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

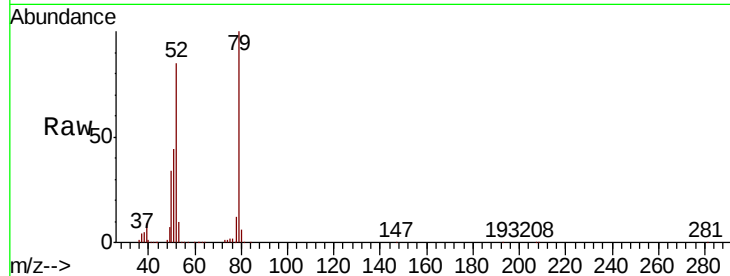
Tot Ion: 79 Resp: 567726

Ion Ratio Lower Upper

79 100

52 85.2 68.3 102.5

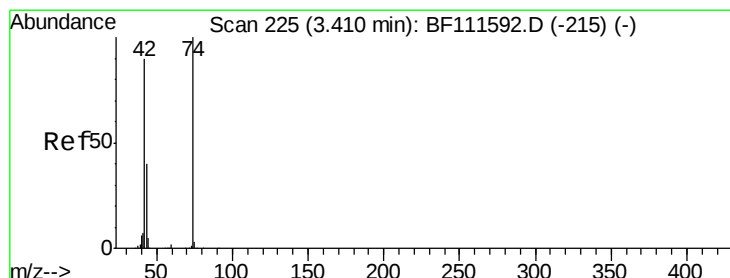
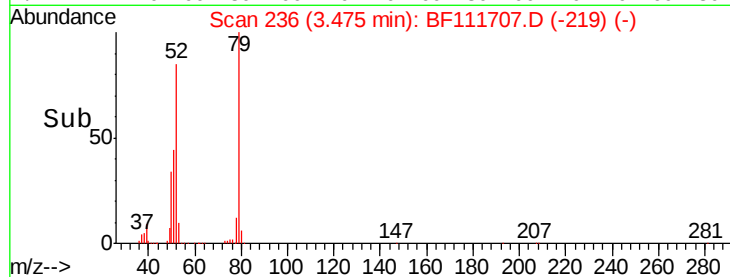
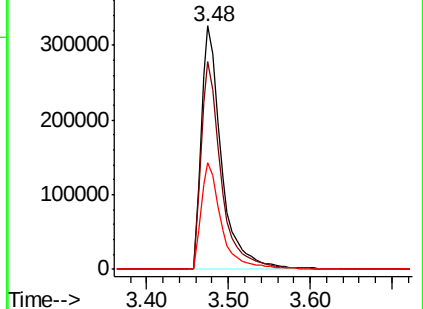
51 43.6 32.6 49.0



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: 37.643 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

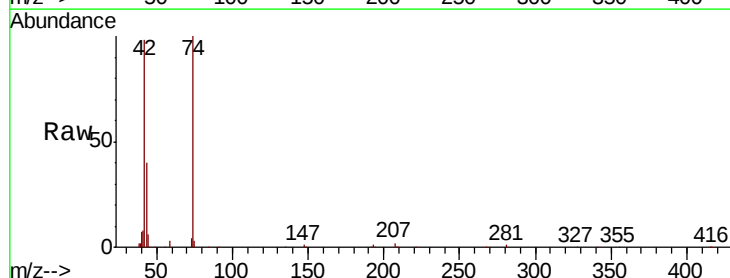
Tgt Ion: 42 Resp: 288365

Ion Ratio Lower Upper

42 100

74 102.0 101.5 152.3

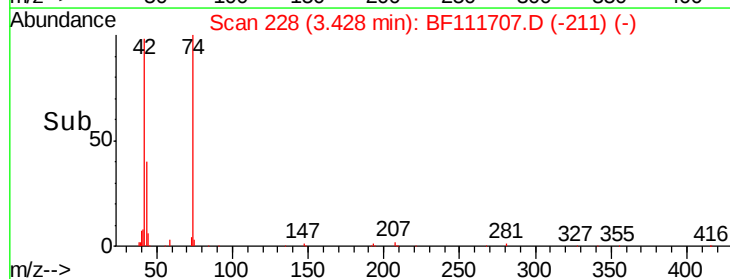
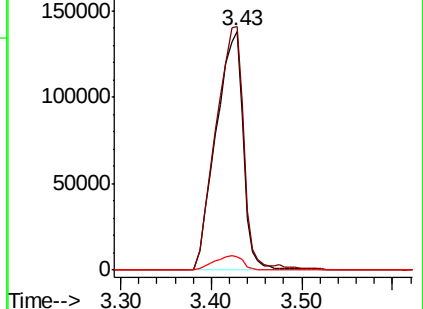
44 5.8 6.0 9.0#

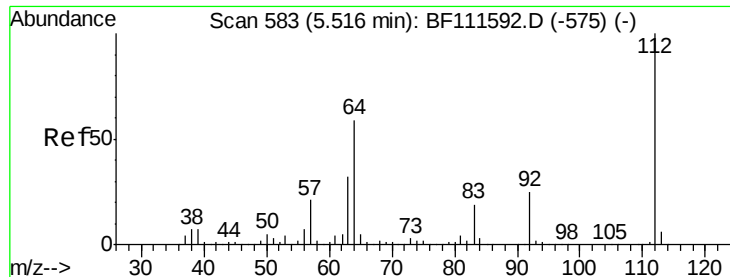


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.177 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

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ClientSampleId :

SSTDCCC040

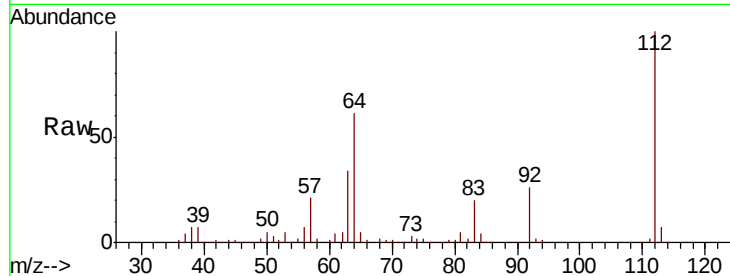
Tot Ion: 112 Resp: 972781

Ion Ratio Lower Upper

112 100

64 61.0 51.8 77.6

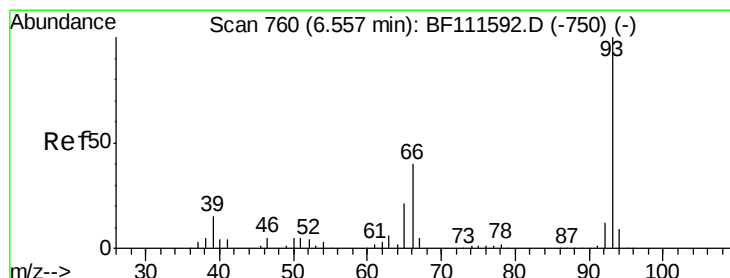
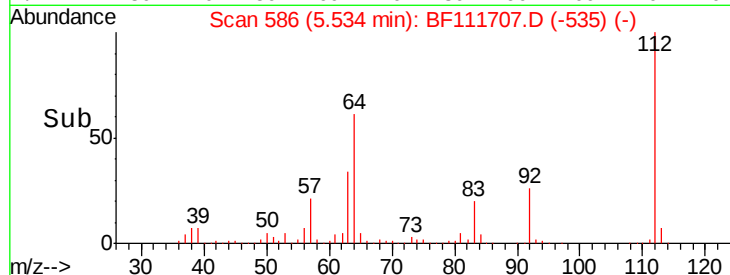
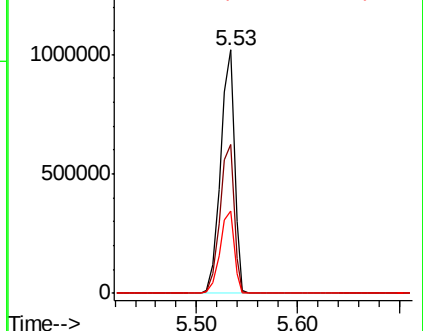
63 33.8 26.8 40.2



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: 37.127 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

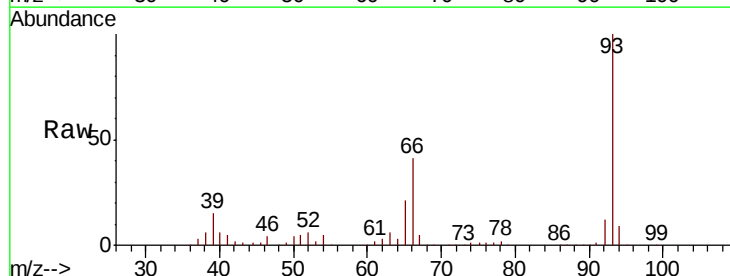
Tgt Ion: 93 Resp: 769129

Ion Ratio Lower Upper

93 100

66 40.9 33.2 49.8

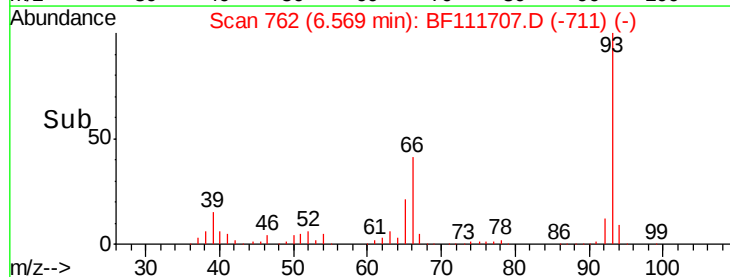
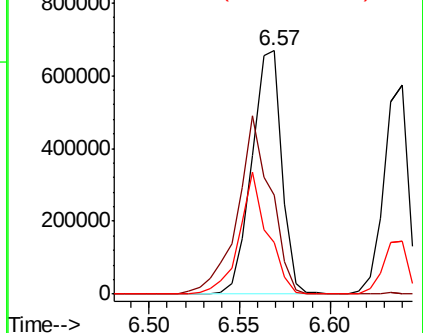
65 21.0 17.0 25.4

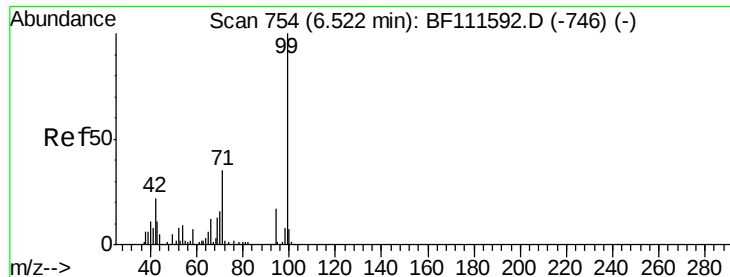


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.293 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

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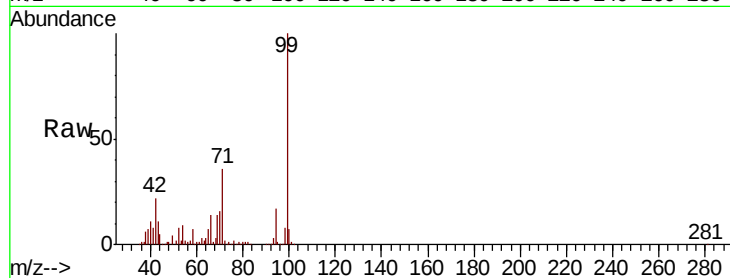
Tot Ion: 99 Resp: 1239888

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

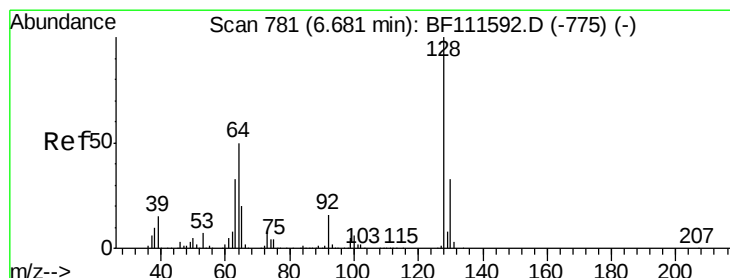
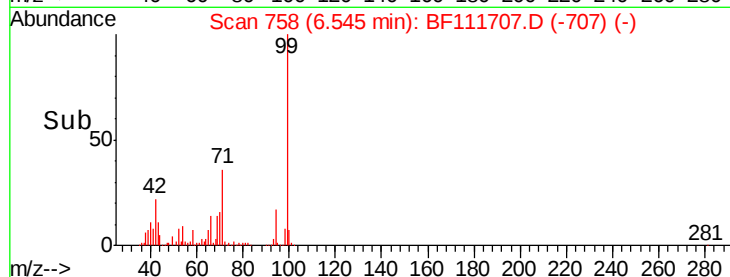
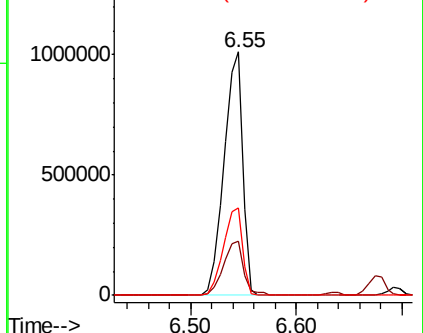
71 35.9 26.1 39.1



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: 39.370 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

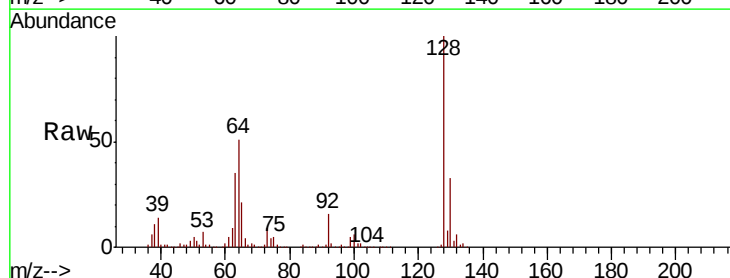
Tgt Ion: 128 Resp: 556922

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

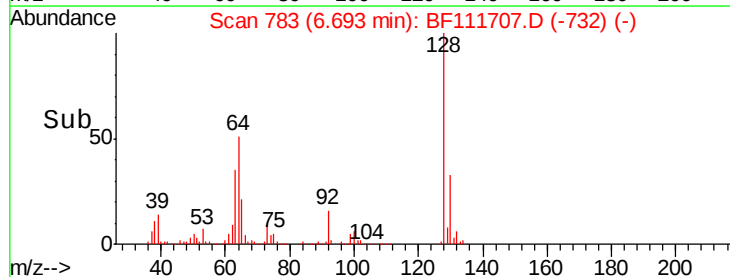
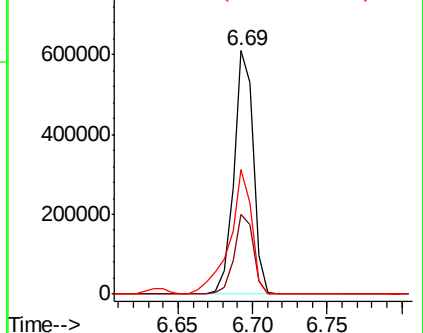
64 51.4 30.0 70.0

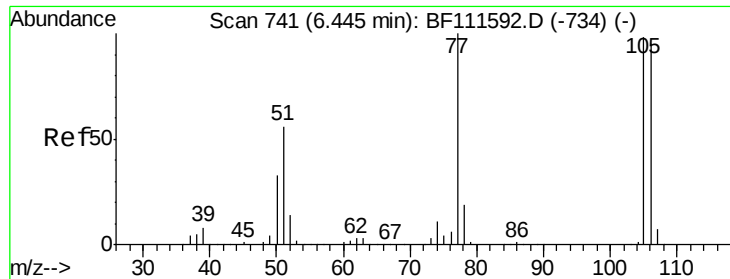


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.880 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

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SSTDCCC040

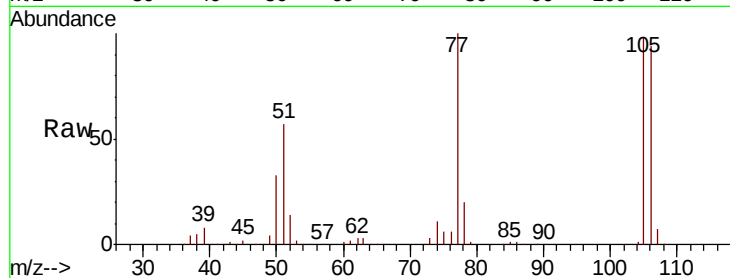
Tot Ion: 77 Resp: 401040

Ion Ratio Lower Upper

77 100

105 98.0 81.4 121.4

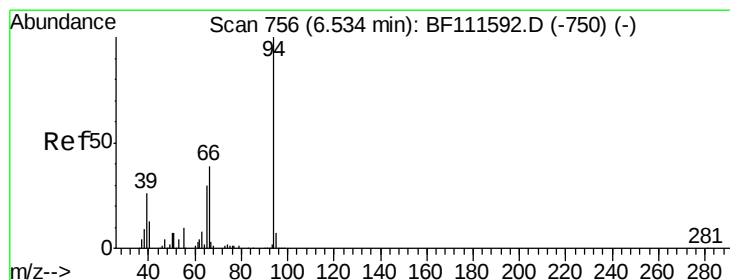
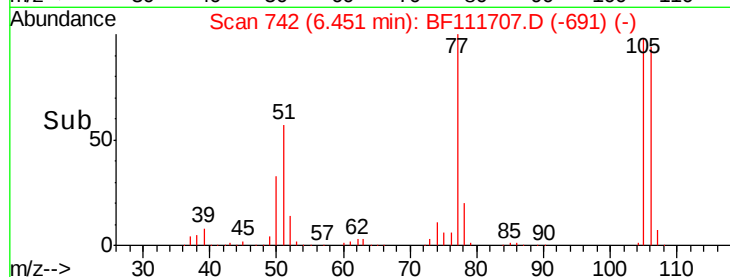
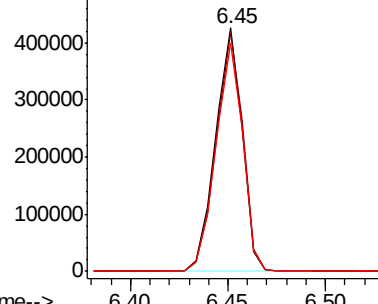
106 93.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.077 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

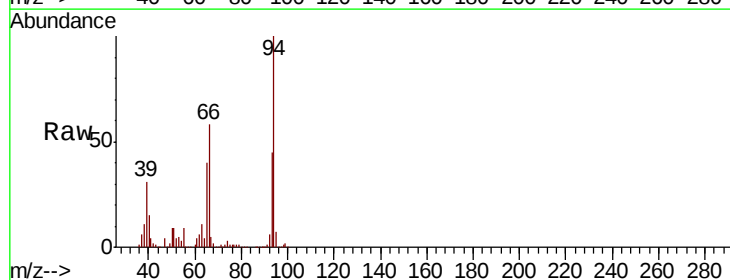
Tgt Ion: 94 Resp: 679881

Ion Ratio Lower Upper

94 100

65 39.6 11.7 51.7

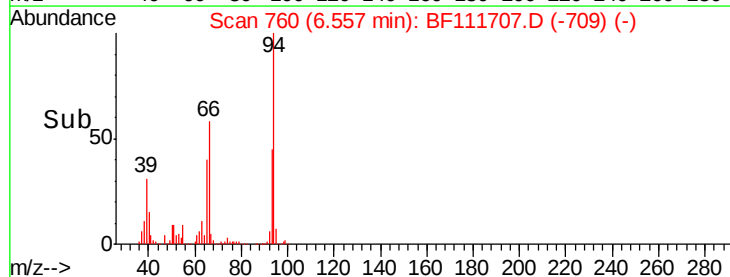
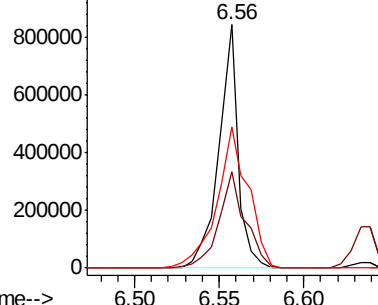
66 58.2 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

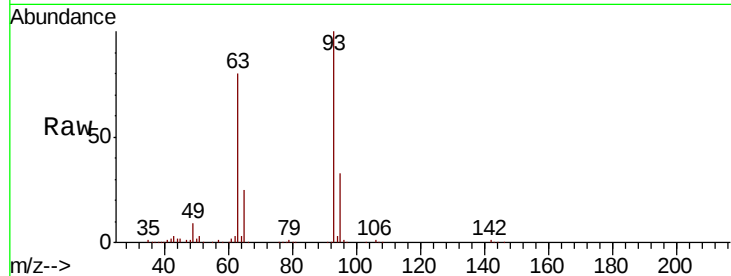




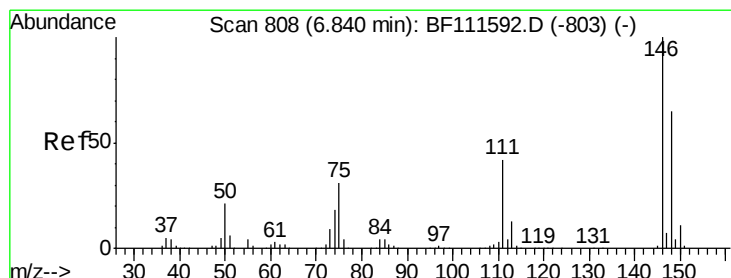
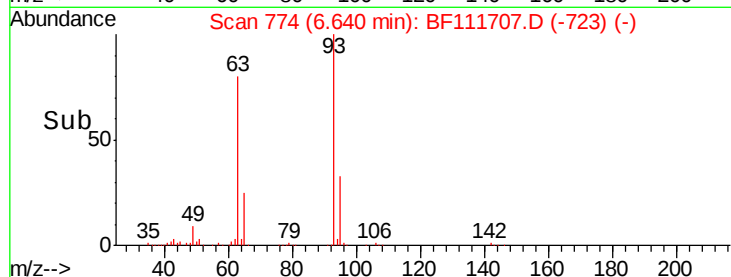
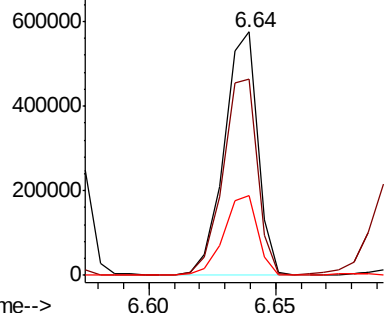
#11
bis(2-Chloroethyl)ether
Concen: 38.710 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 531913
Ion Ratio Lower Upper
93 100
63 80.4 60.0 100.0
95 32.7 13.4 53.4

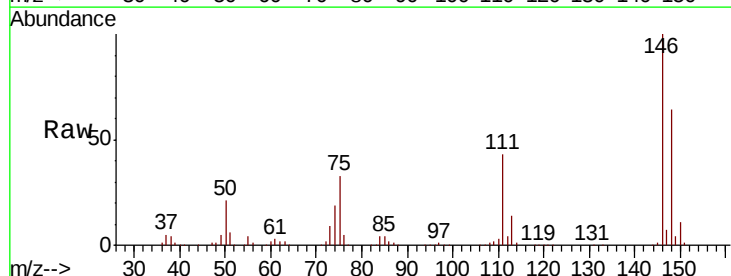


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

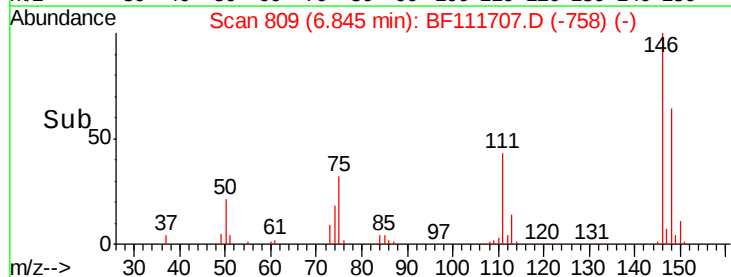
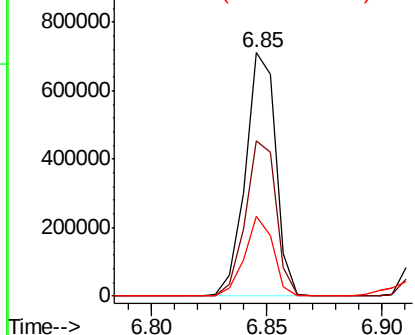


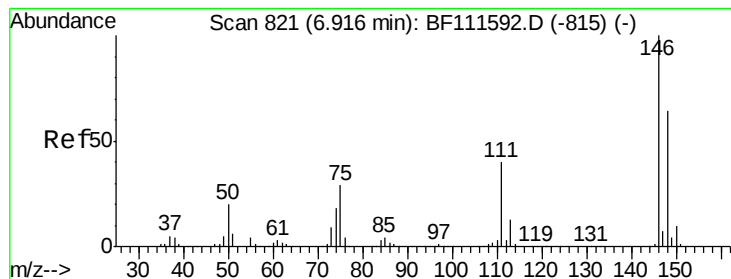
#12
1,3-Dichlorobenzene
Concen: 39.845 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion: 146 Resp: 653210
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 32.7 23.9 35.9



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





#13

1,4-Dichlorobenzene

Concen: 39.550 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

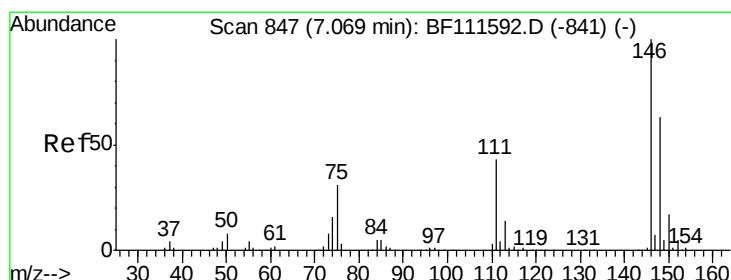
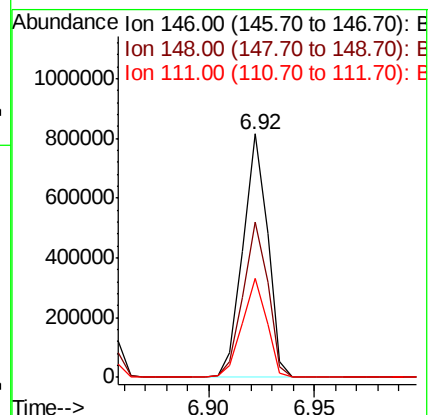
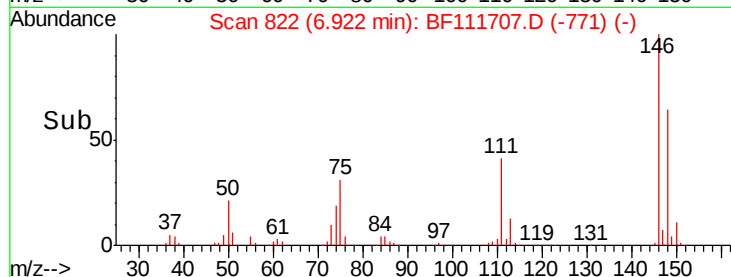
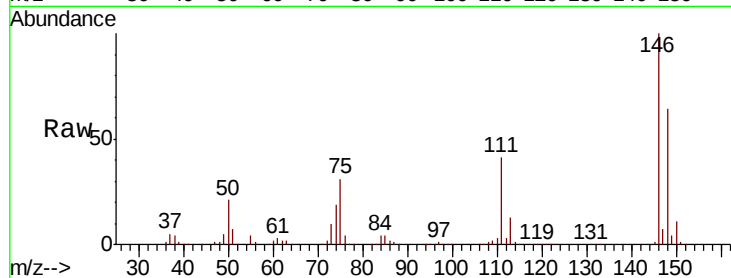
Tot Ion:146 Resp: 657562

Ion Ratio Lower Upper

146 100

148 63.8 52.8 79.2

111 40.9 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.295 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

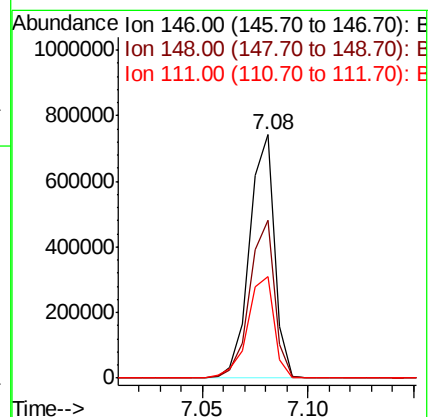
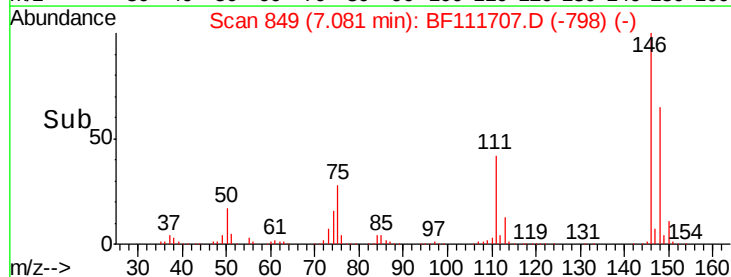
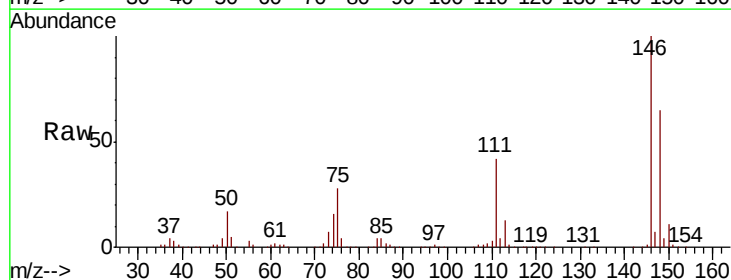
Tgt Ion:146 Resp: 609541

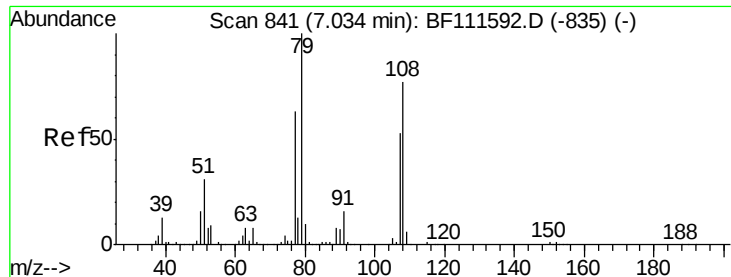
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

111 41.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.216 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

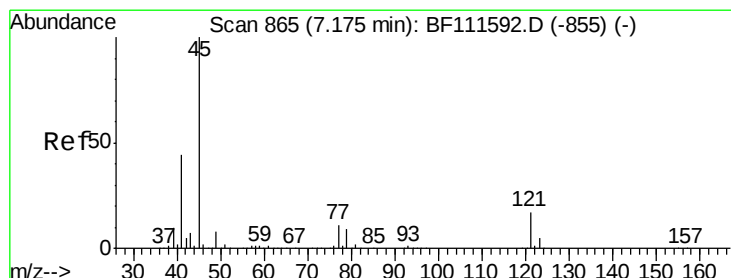
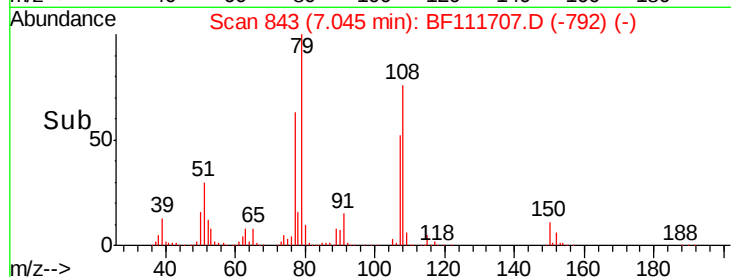
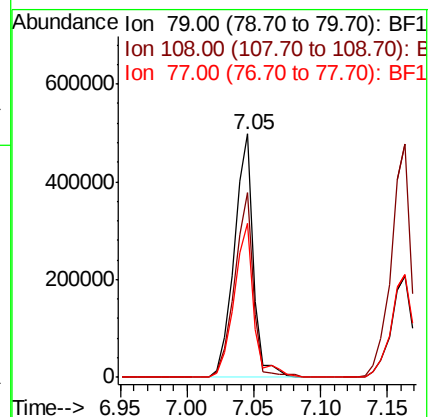
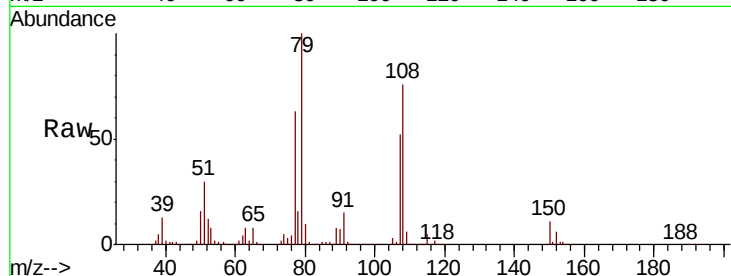
Tot Ion: 79 Resp: 506168

Ion Ratio Lower Upper

79 100

108 75.8 69.4 104.2

77 63.5 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.375 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

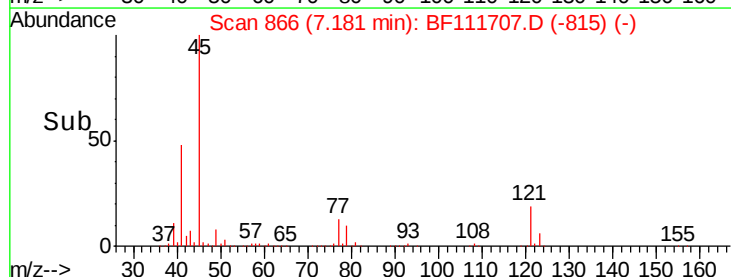
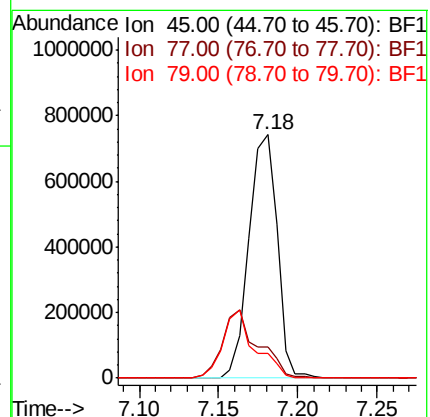
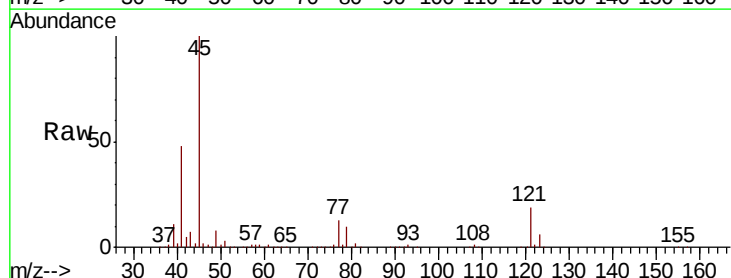
Tgt Ion: 45 Resp: 920537

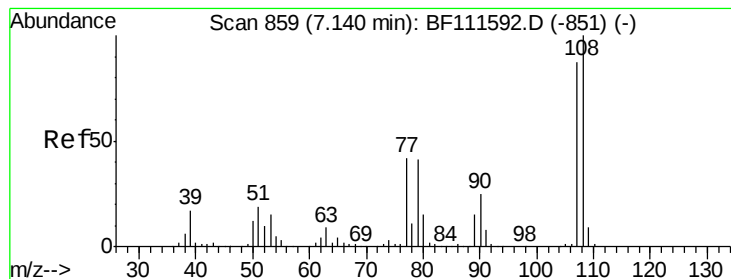
Ion Ratio Lower Upper

45 100

77 12.7 0.0 31.5

79 9.9 0.0 28.9





#17

2-Methylphenol

Concen: 38.317 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 434017

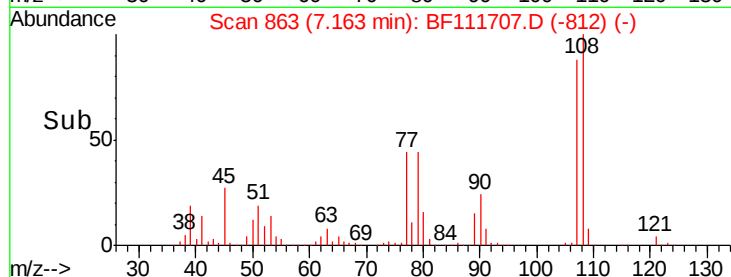
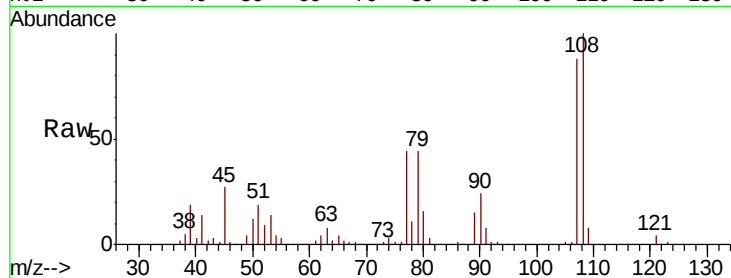
Ion Ratio Lower Upper

107 100

108 114.1 91.0 136.4

77 50.2 33.5 50.3

79 49.7 33.3 49.9

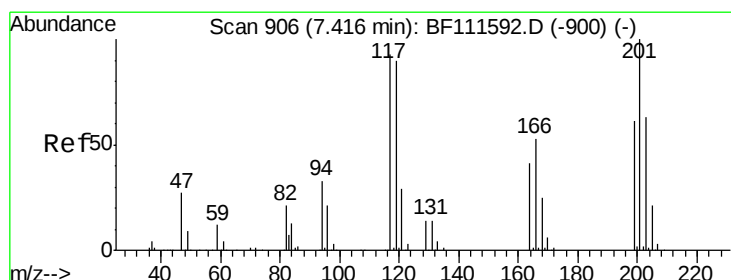
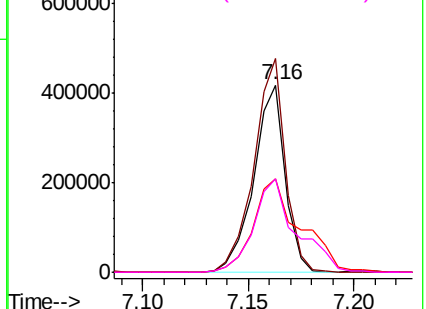


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.684 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

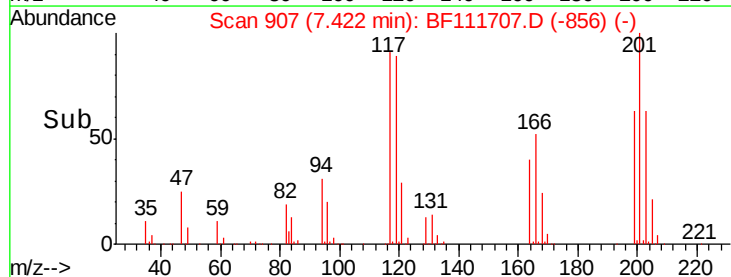
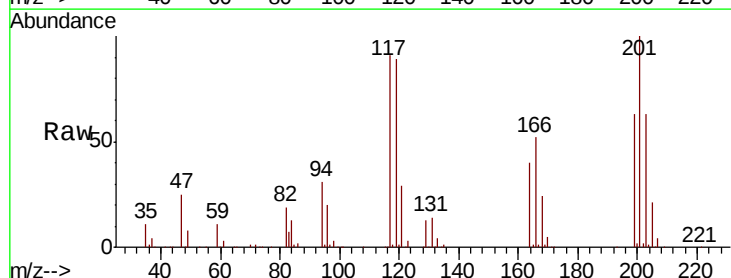
Tgt Ion:117 Resp: 233538

Ion Ratio Lower Upper

117 100

119 97.6 75.4 113.0

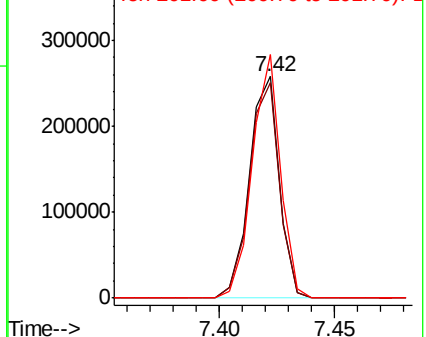
201 110.0 62.4 93.6#

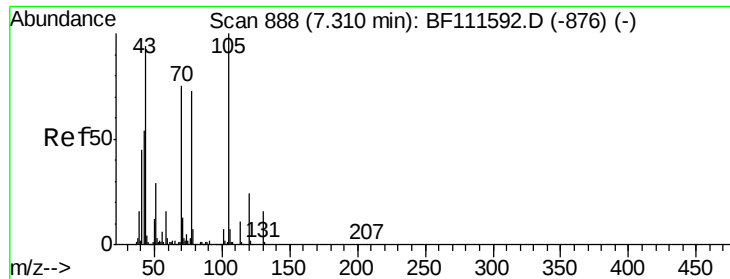


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

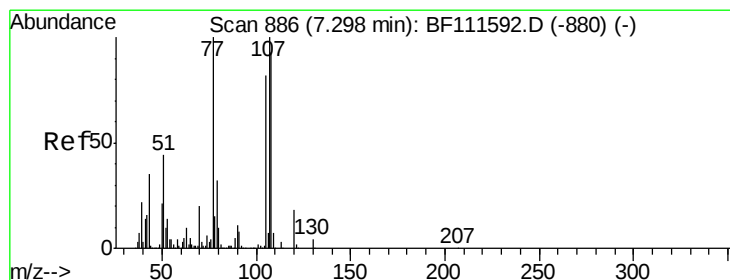
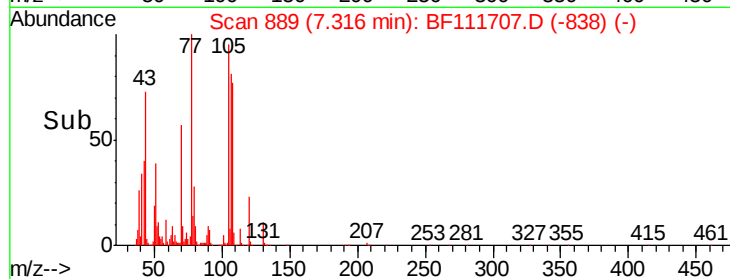
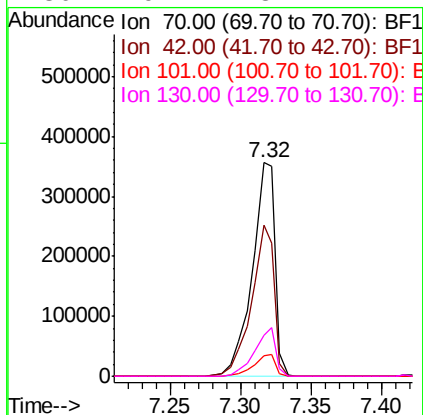
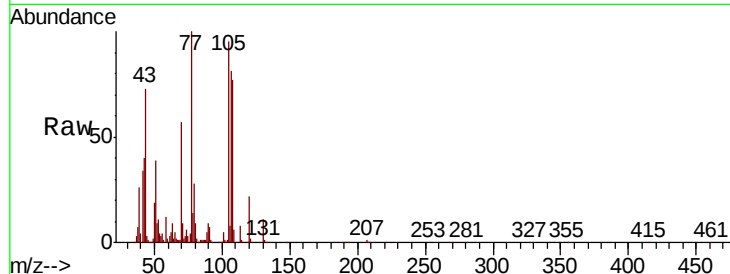




#19
n-Nitroso-di-n-propylamine
Concen: 37.484 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

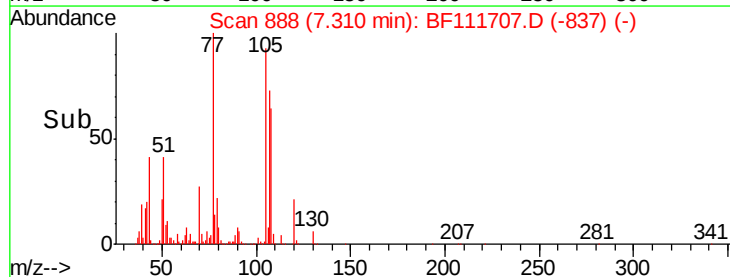
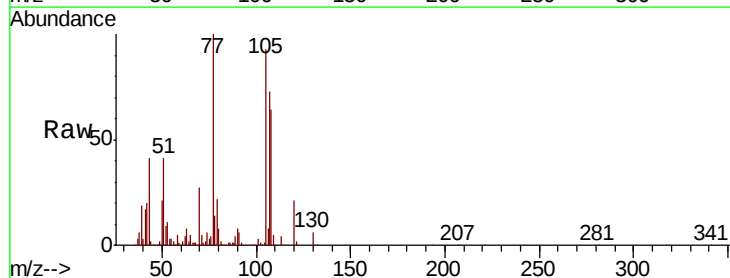
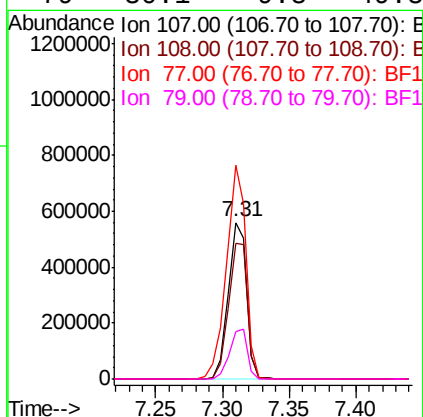
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

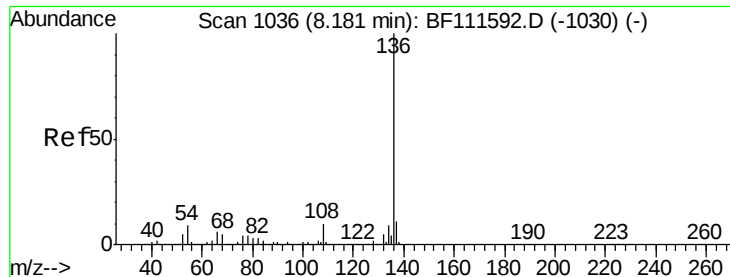
Tot Ion	Ratio	Lower	Upper
70	100		
42	70.9	53.2	79.8
101	9.6	8.2	12.4
130	19.4	18.1	27.1



#20
3+4-Methylphenols
Concen: 37.978 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	72.1	112.1
77	136.6	94.1	134.1#
79	30.1	9.8	49.8

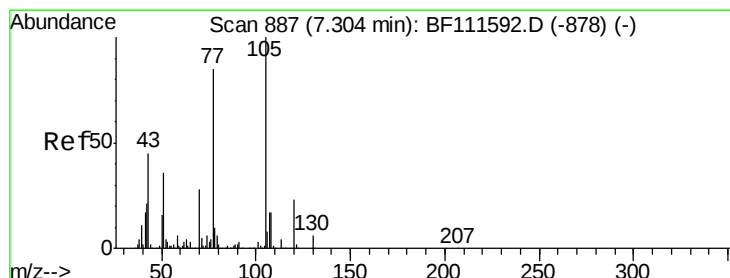
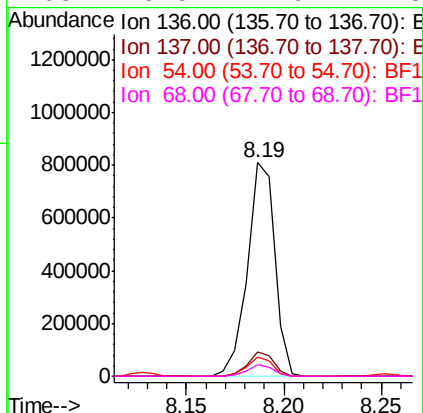
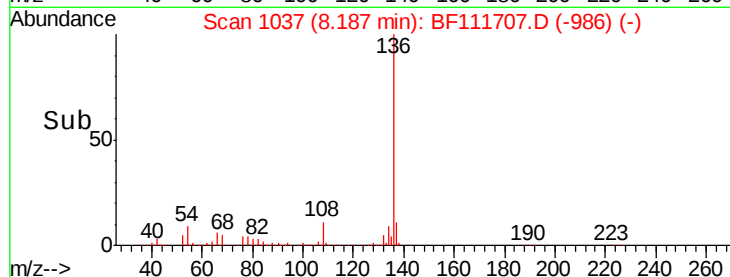
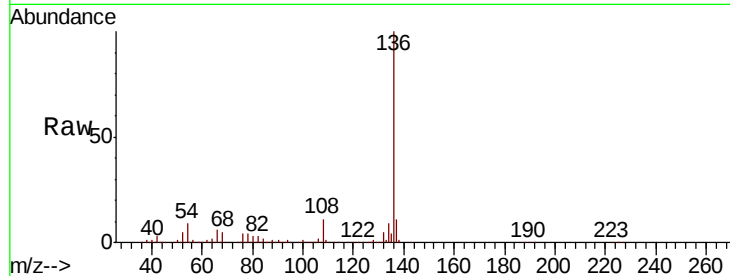




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

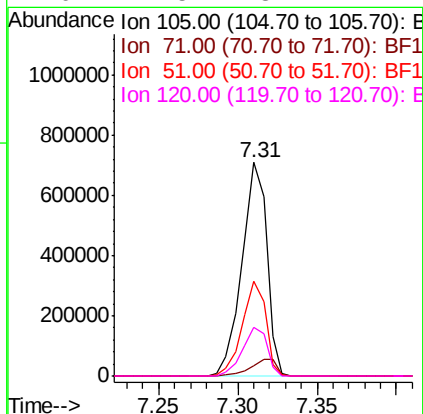
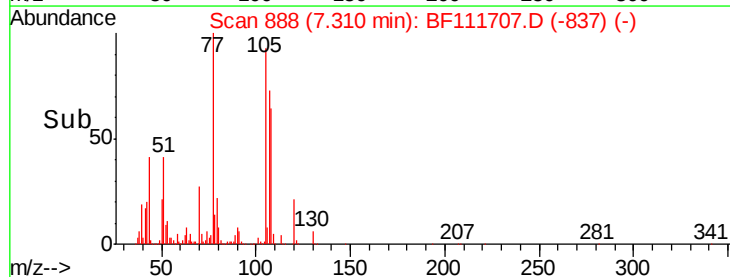
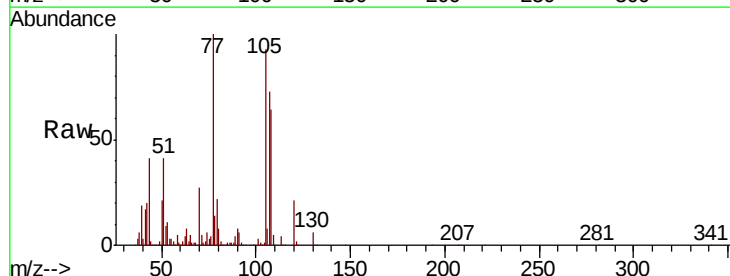
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

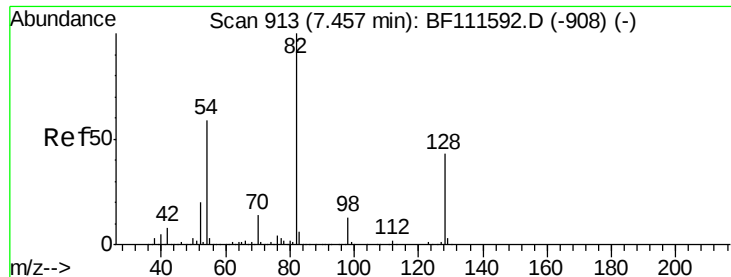
Tot Ion:136	Resp:	789006
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	9.2	7.7 11.5
68	5.5	4.9 7.3



#22
Acetophenone
Concen: 38.536 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:105	Resp:	770290
Ion Ratio	Lower	Upper
105	100	
71	5.0	3.1 4.7#
51	44.6	36.6 54.8
120	22.5	18.2 27.4

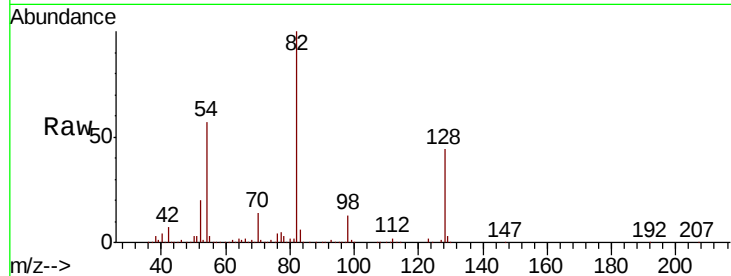




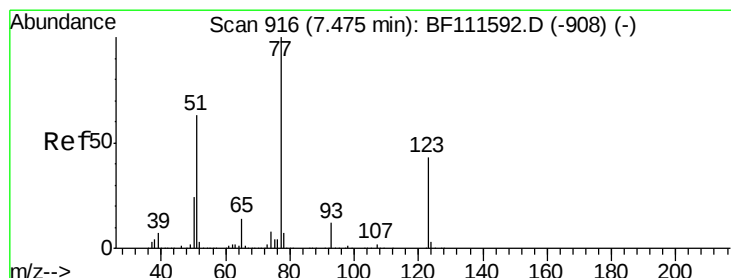
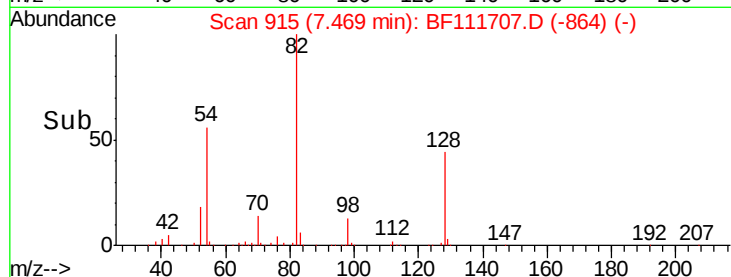
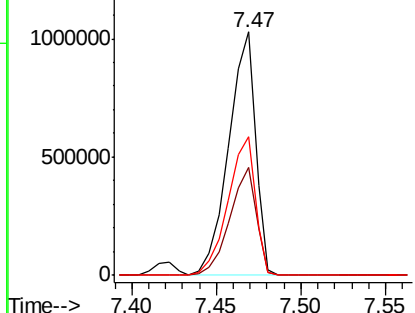
#23
 Nitrobenzene-d5
 Concen: 83.621 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1133483
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.4 56.2
 54 56.7 47.6 71.4

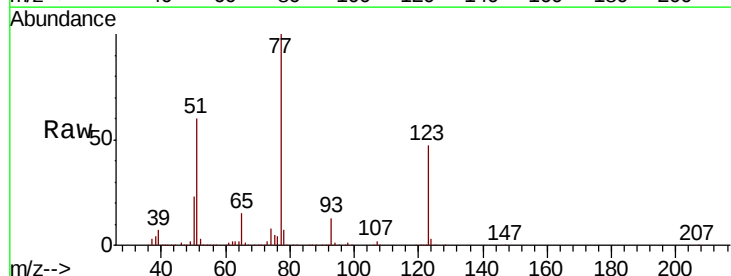


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

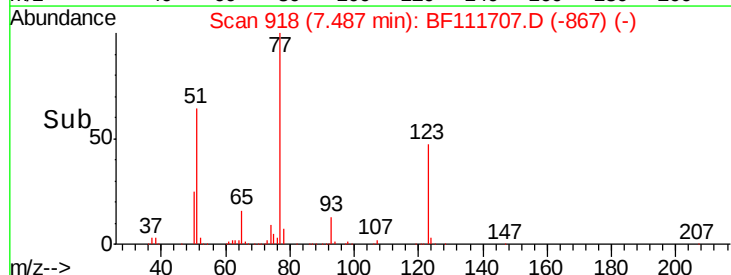
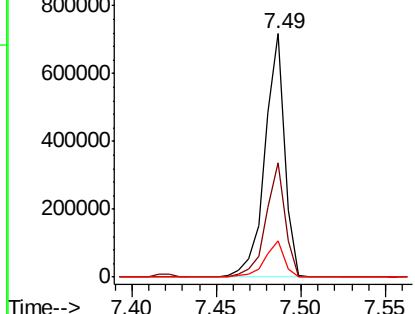


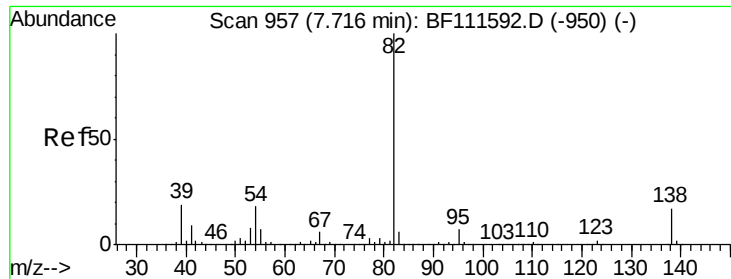
#24
 Nitrobenzene
 Concen: 40.726 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion: 77 Resp: 578594
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.2 55.8
 65 14.7 11.5 17.3



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: 38.460 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

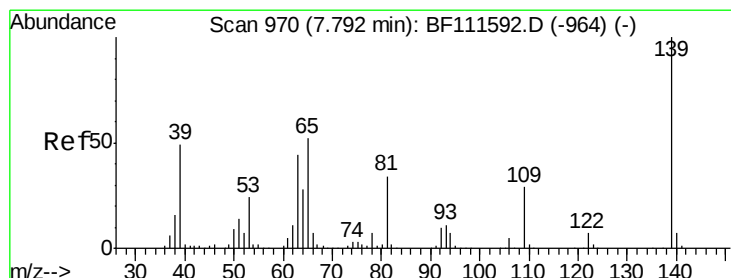
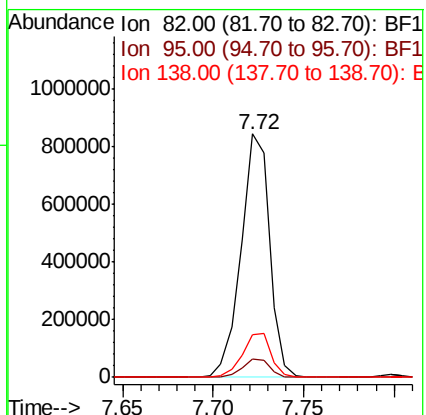
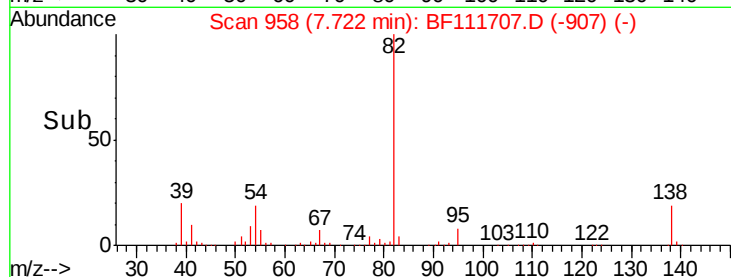
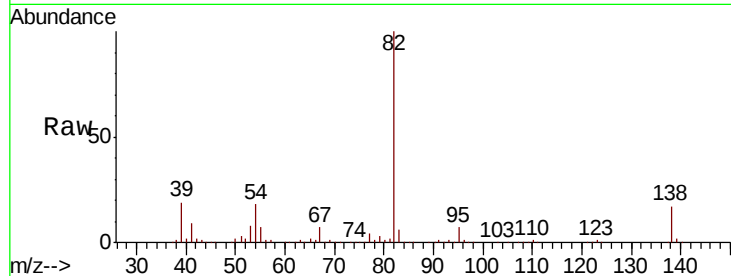
Tot Ion: 82 Resp: 925512

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 17.4 15.1 22.7



#26

2-Nitrophenol

Concen: 45.944 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

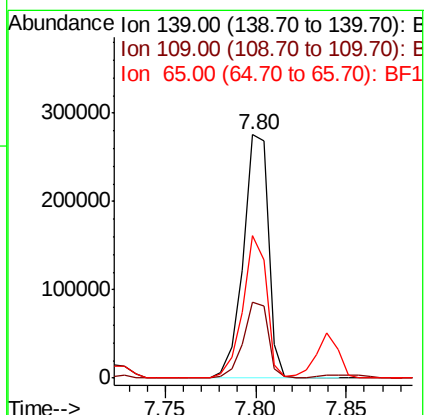
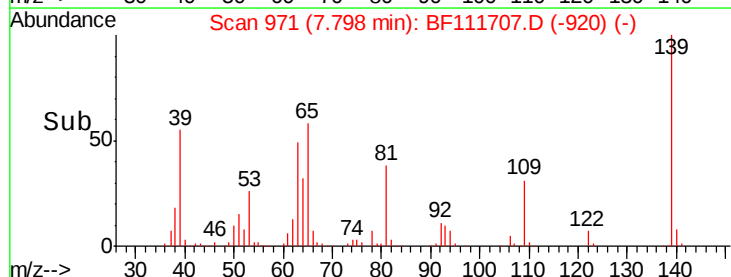
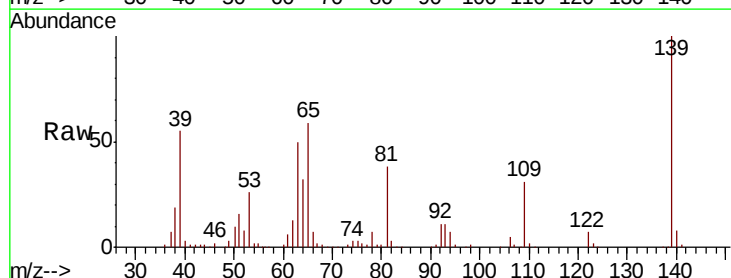
Tgt Ion: 139 Resp: 264720

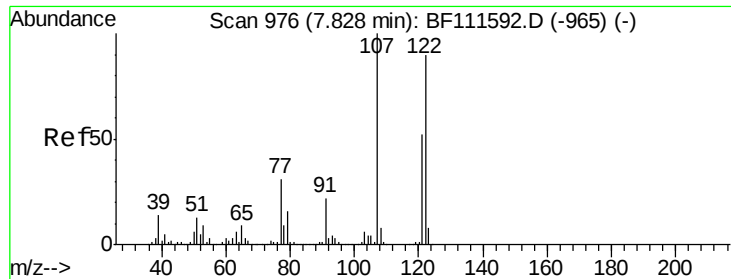
Ion Ratio Lower Upper

139 100

109 31.3 20.2 30.4#

65 58.6 40.7 61.1

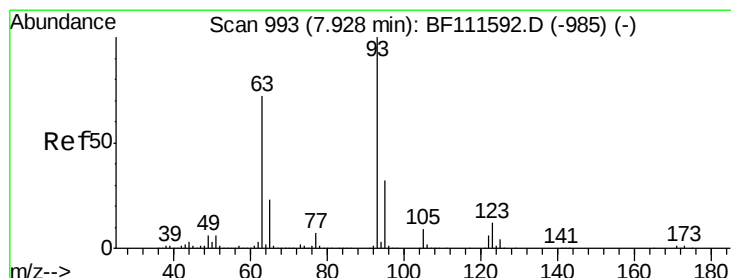
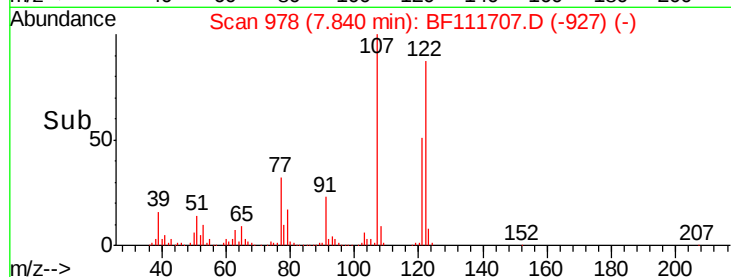
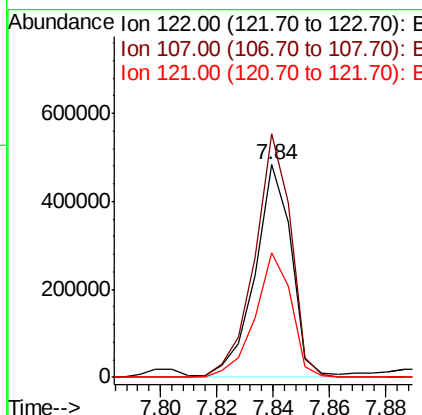
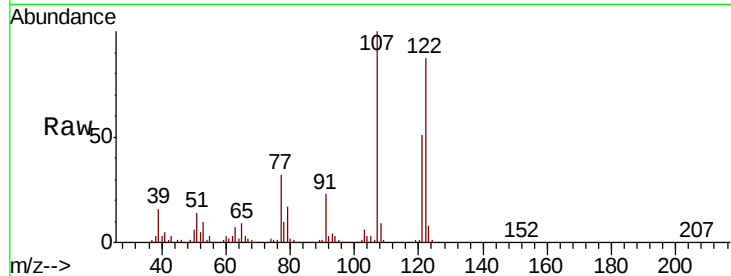




#27
2,4-Dimethylphenol
Concen: 38.253 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

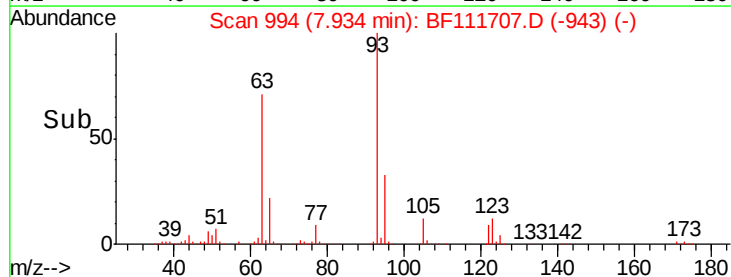
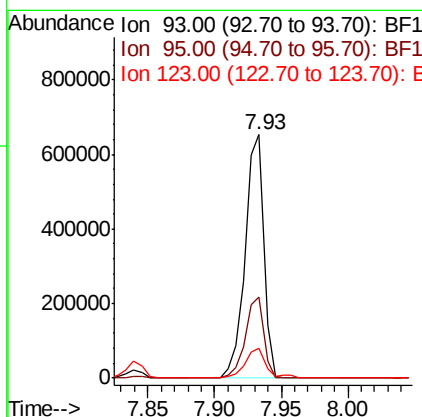
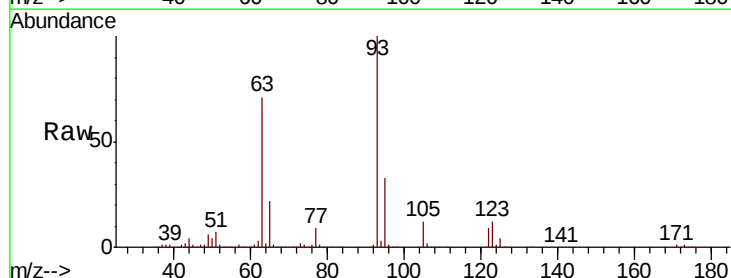
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

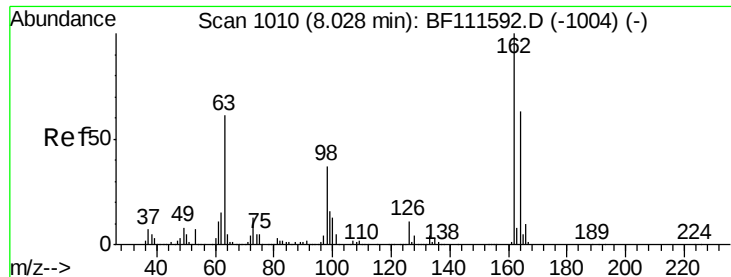
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	85.5	128.3
121	58.3	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.123 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.1	40.7
123	12.2	9.9	14.9

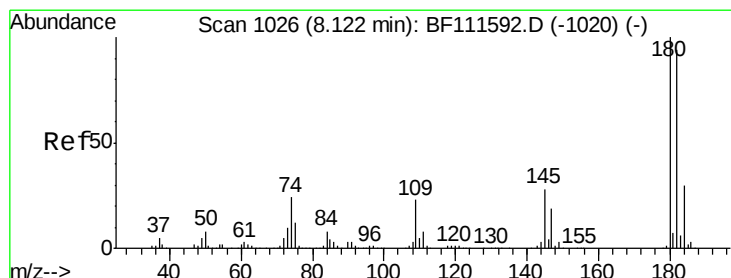
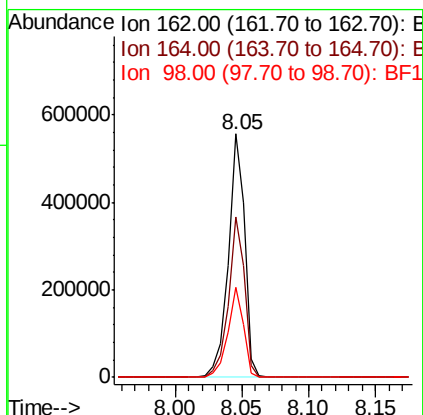
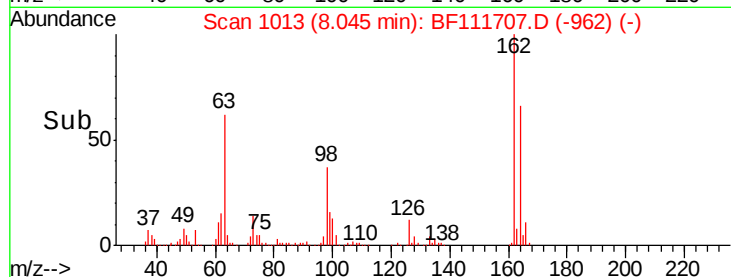
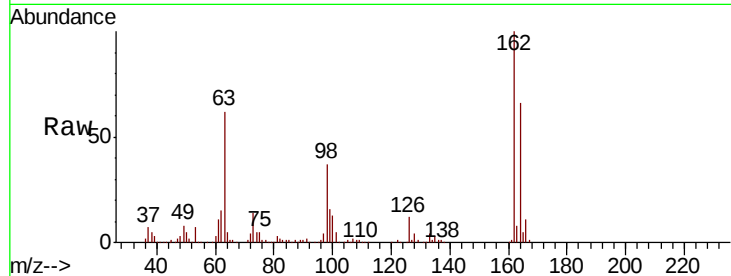




#29
2,4-Dichlorophenol
Concen: 39.519 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

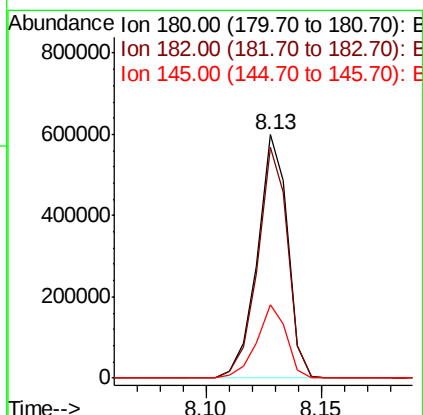
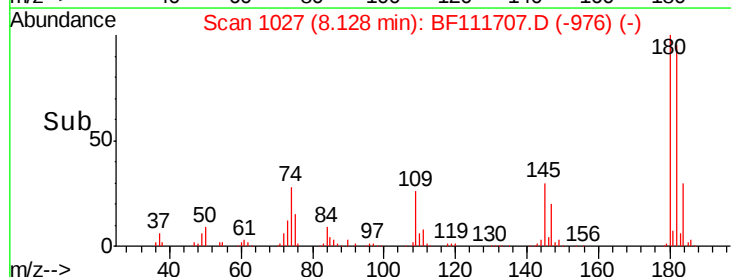
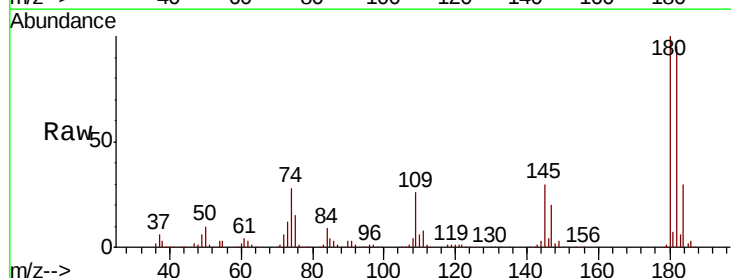
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

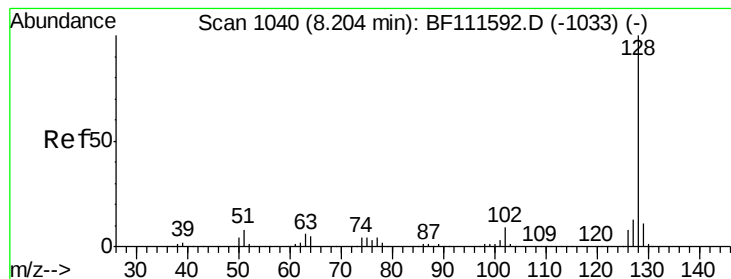
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.4	84.4
98	36.9	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 40.183 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	29.9	26.7	40.1





#31

Naphthalene

Concen: 39.371 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

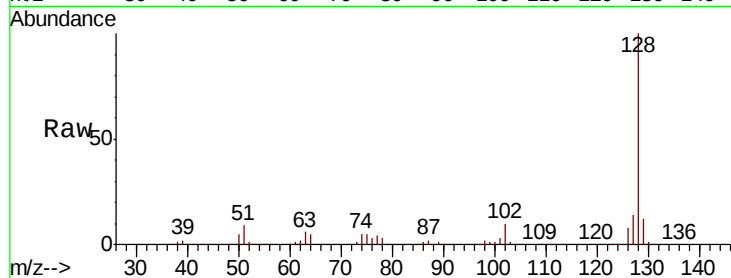
Tot Ion:128 Resp: 1492571

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

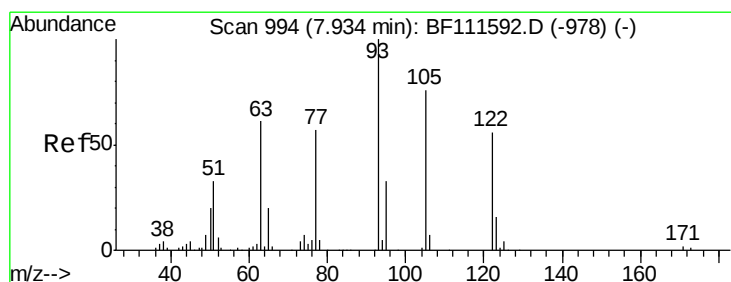
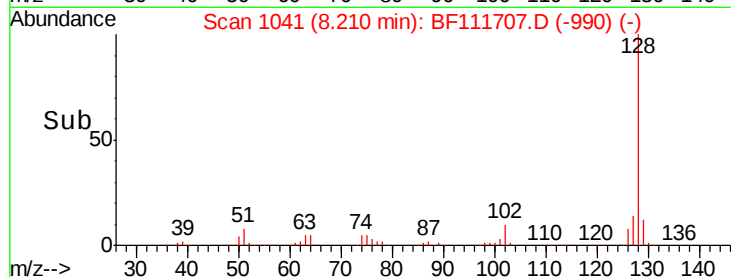
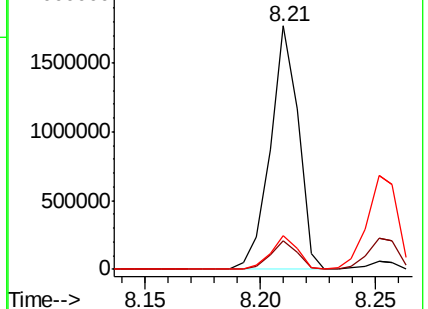
127 13.9 12.0 18.0



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: 35.236 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

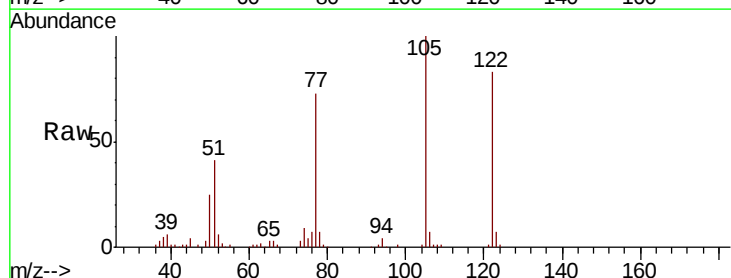
Tgt Ion:122 Resp: 264617

Ion Ratio Lower Upper

122 100

105 121.0 97.0 137.0

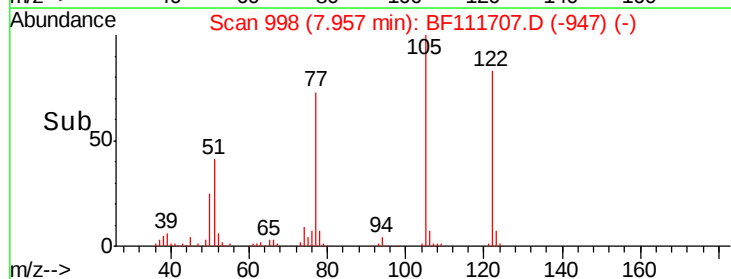
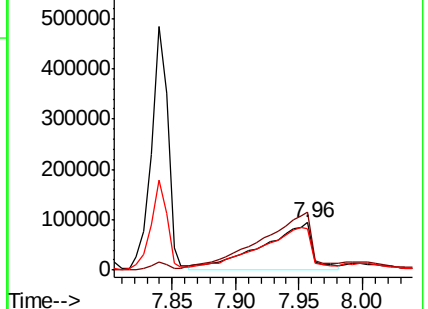
77 88.5 65.7 105.7



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

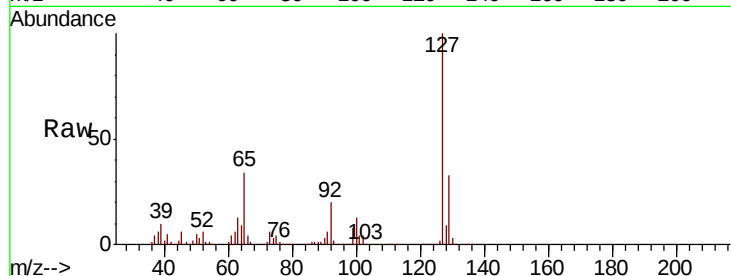




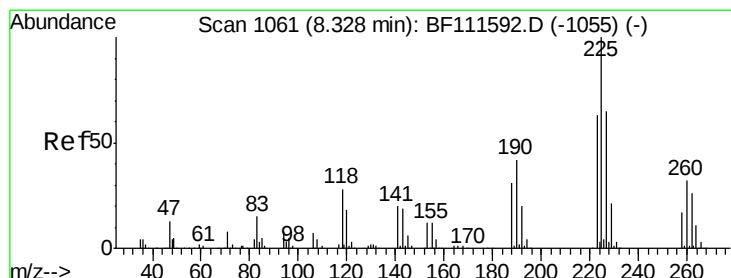
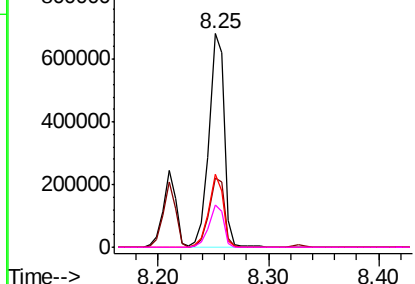
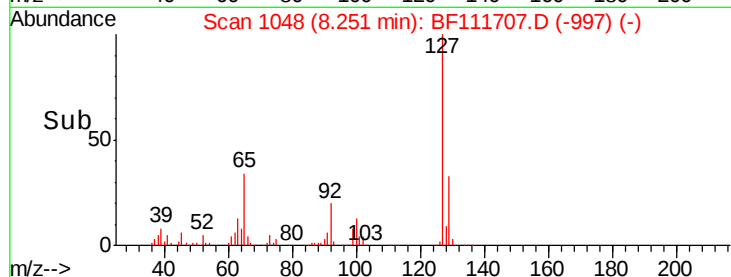
#33
4-Chloroaniline
Concen: 38.761 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	635126
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	34.1	25.7	38.5
92	19.9	15.4	23.2

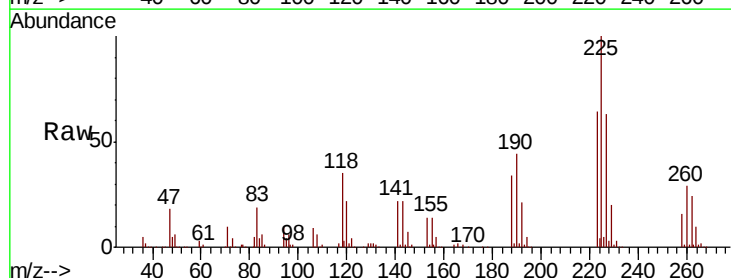


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

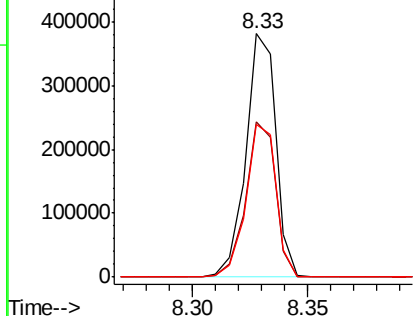
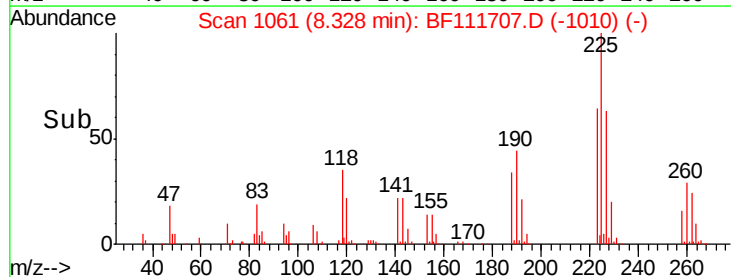


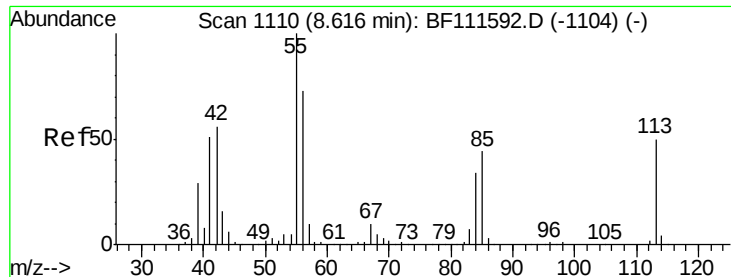
#34
Hexachlorobutadiene
Concen: 41.757 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:	225	Resp:	346466
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	62.7	52.6	78.8



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





#35

Caprolactam

Concen: 36.679 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

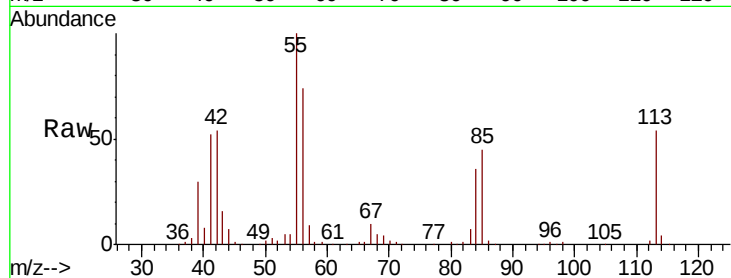
Tot Ion:113 Resp: 151839

Ion Ratio Lower Upper

113 100

55 184.5 184.1 224.1

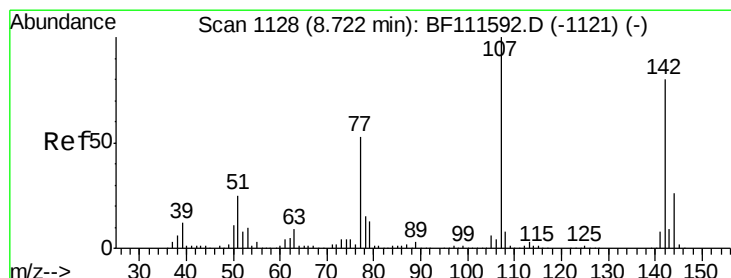
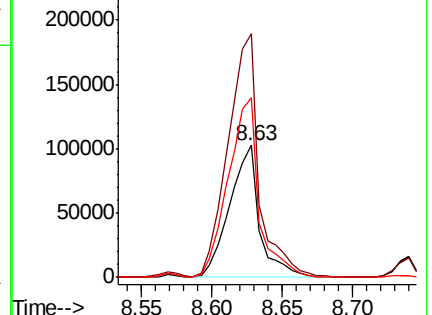
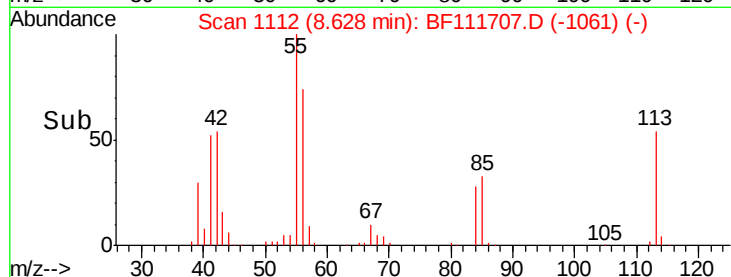
56 135.8 126.0 166.0



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: 39.463 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

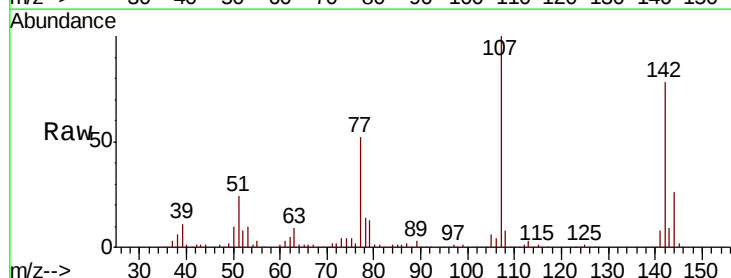
Tgt Ion:107 Resp: 473917

Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.6

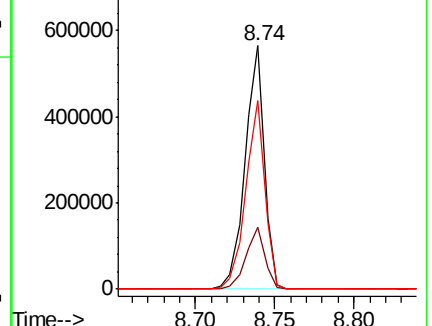
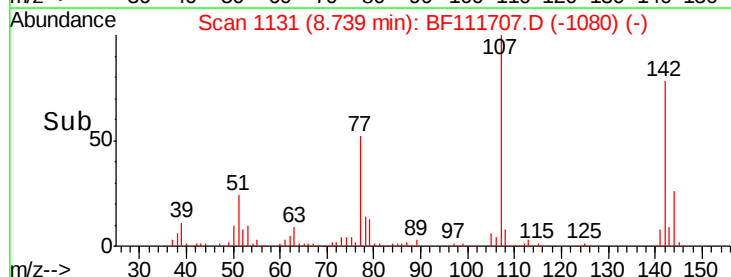
142 77.7 62.3 93.5

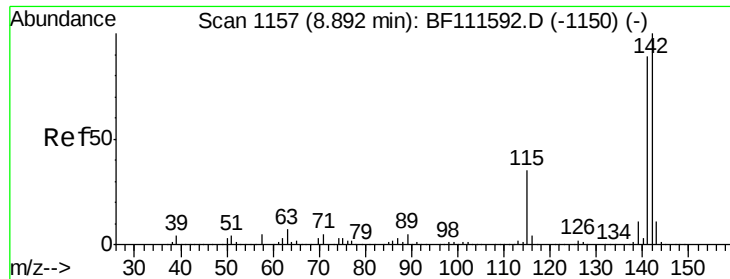


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

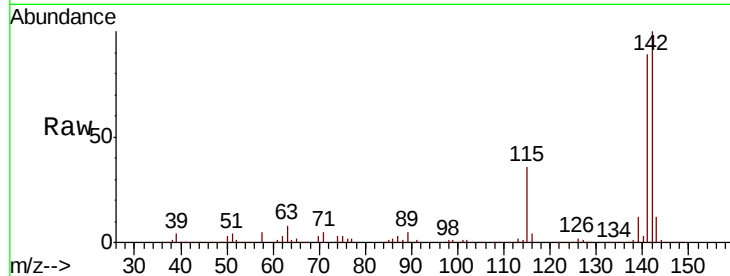




#37
2-Methylnaphthalene
Concen: 39.753 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	36.3	27.0	40.6

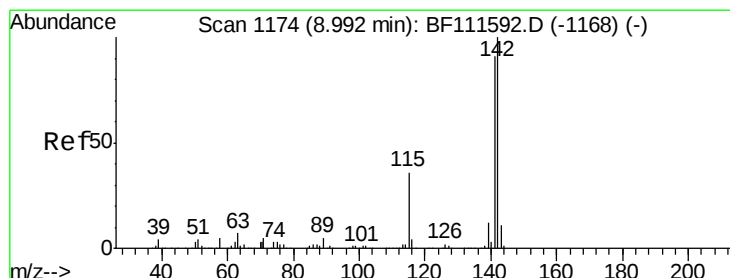
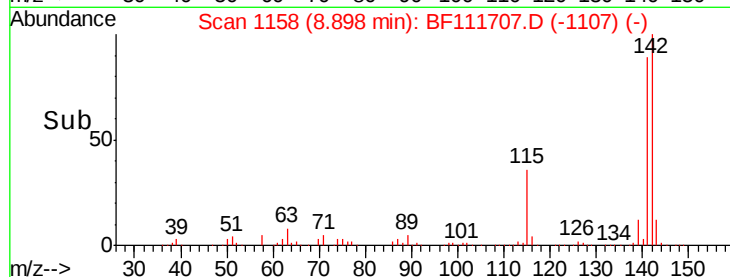
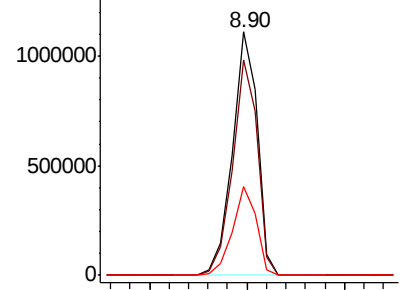


Abundance

Ion 142.00 (141.70 to 142.70): E

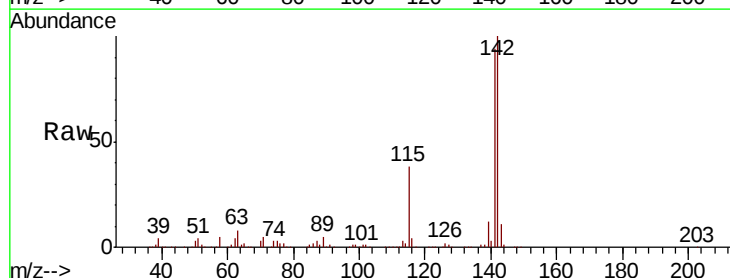
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.471 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4
116	4.0	2.9	4.3

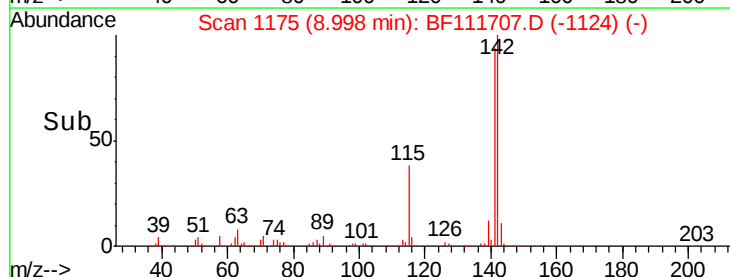
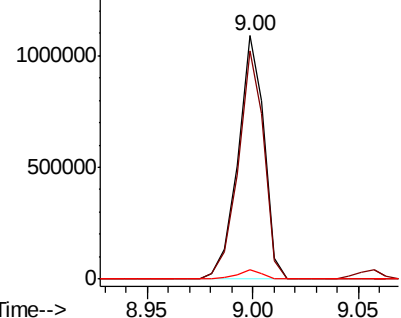


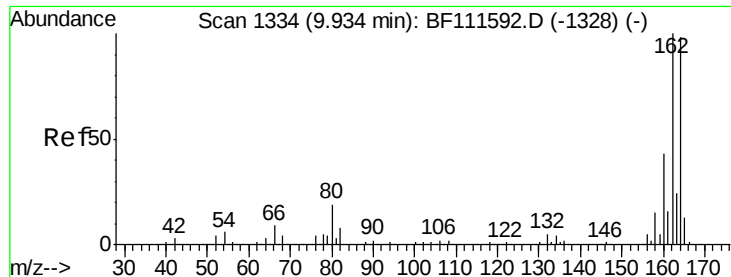
Abundance

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: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

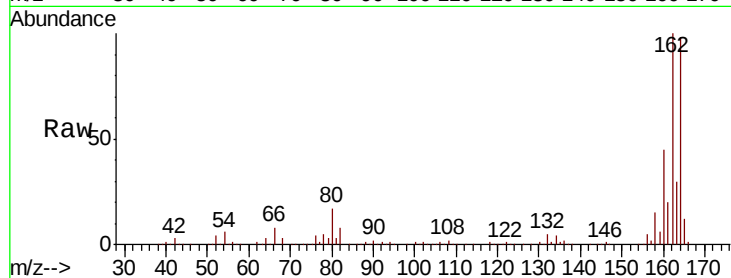
Tot Ion:164 Resp: 388661

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 46.1 35.7 53.5

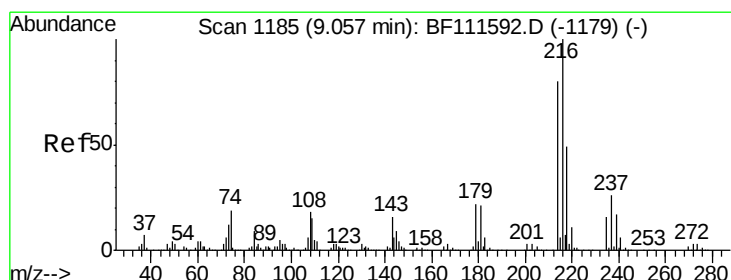
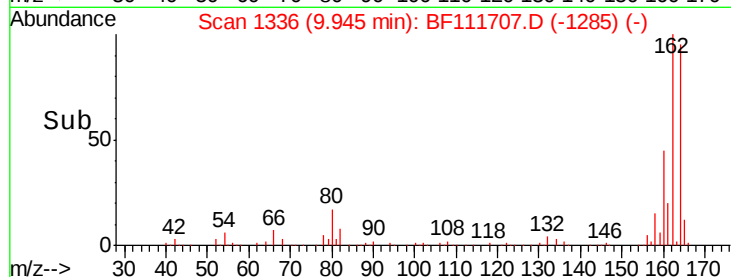
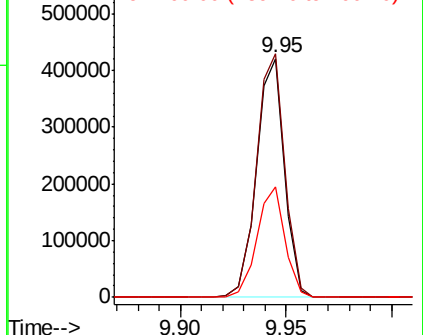


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.464 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Tgt Ion:216 Resp: 529553

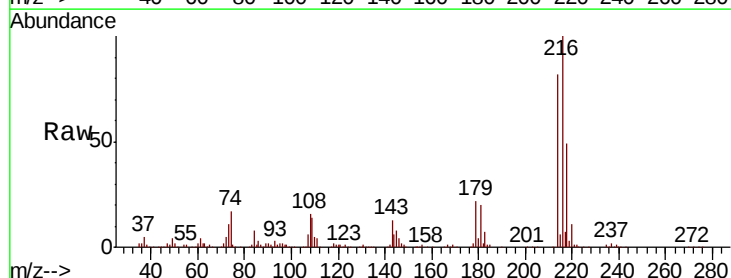
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 21.4 17.9 26.9

108 18.3 18.4 27.6#



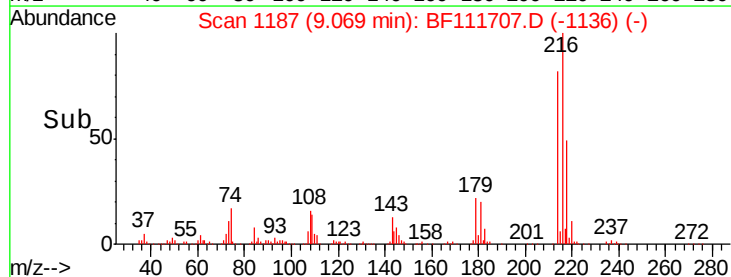
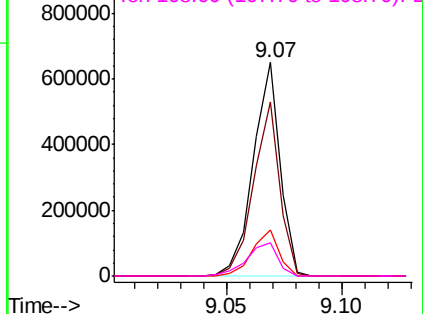
Abundance

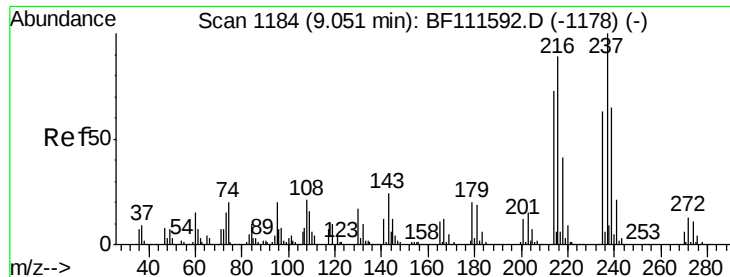
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.697 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

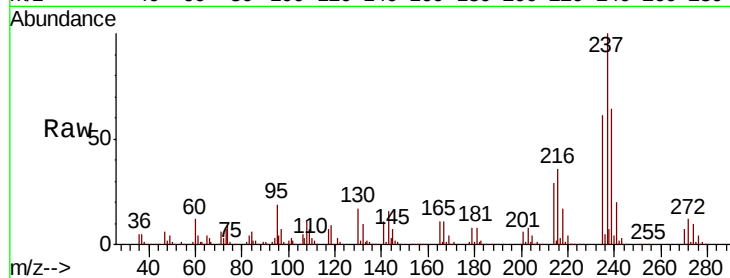
Tot Ion:237 Resp: 307996

Ion Ratio Lower Upper

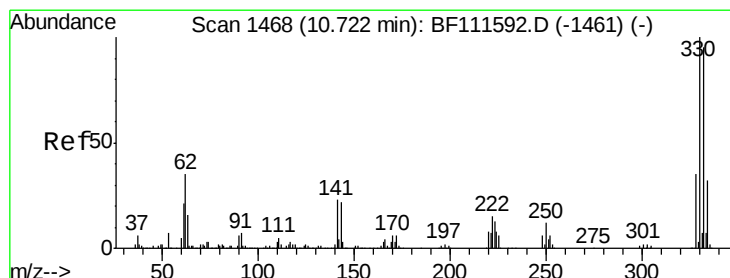
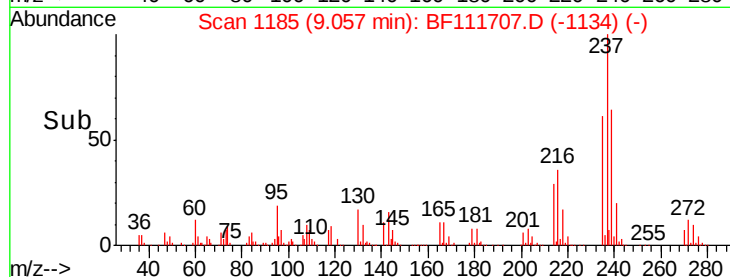
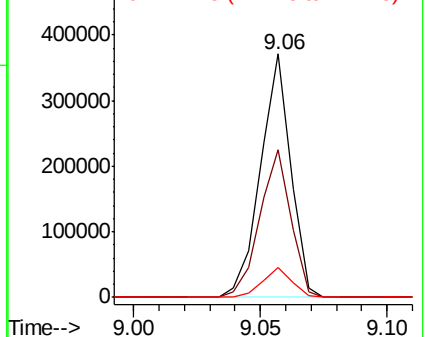
237 100

235 60.5 43.1 83.1

272 12.4 0.0 33.0



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: 83.446 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

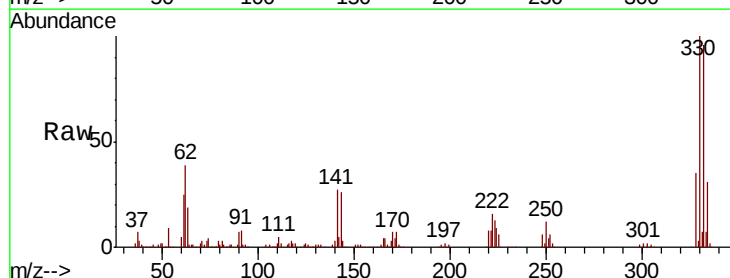
Tgt Ion:330 Resp: 383210

Ion Ratio Lower Upper

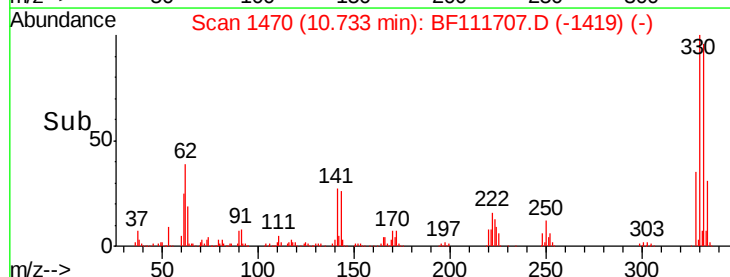
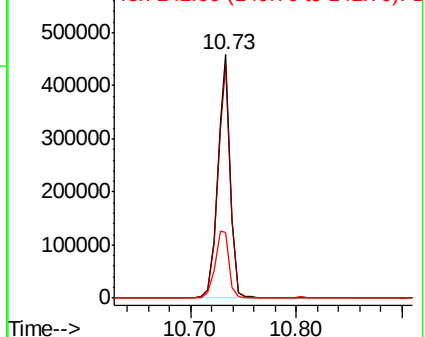
330 100

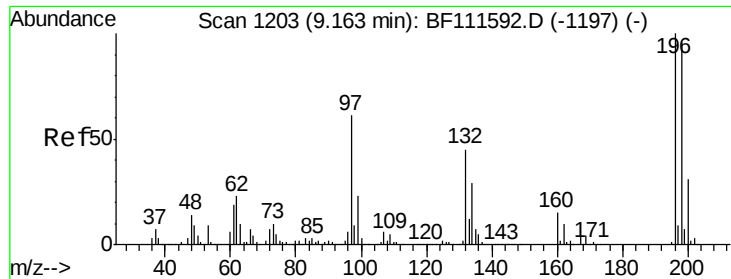
332 96.0 76.0 114.0

141 31.3 31.0 46.6



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

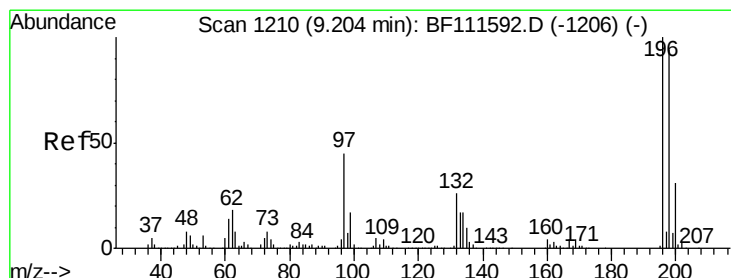
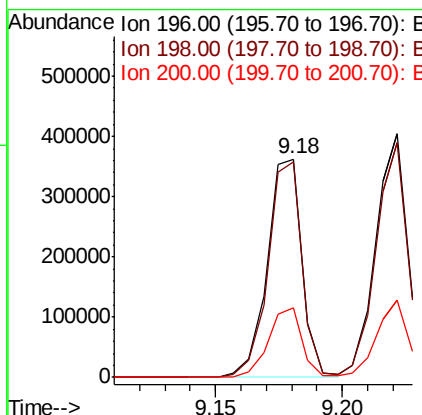
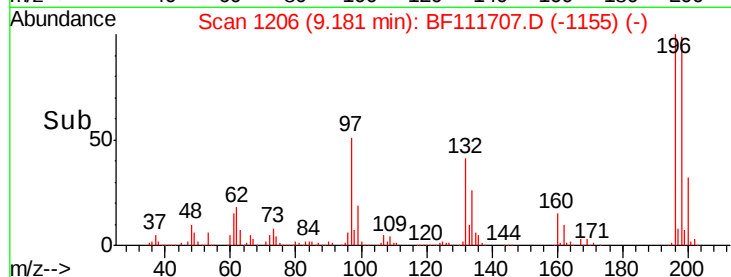
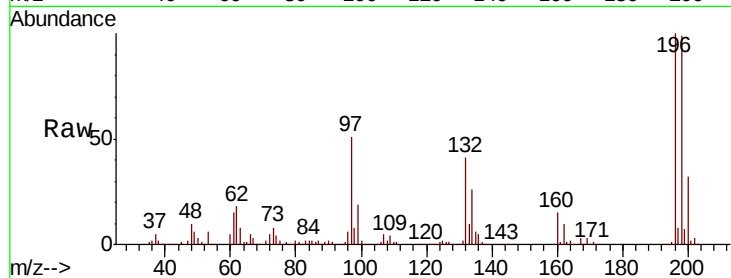




#43
 2,4,6-Trichlorophenol
 Concen: 40.839 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

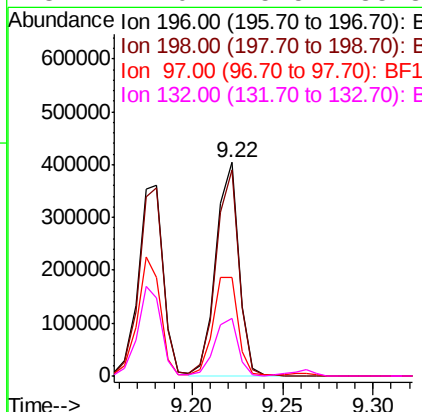
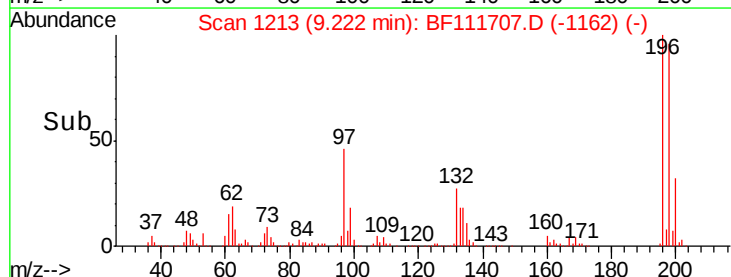
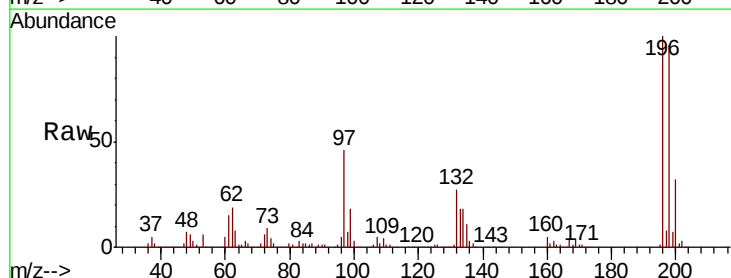
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

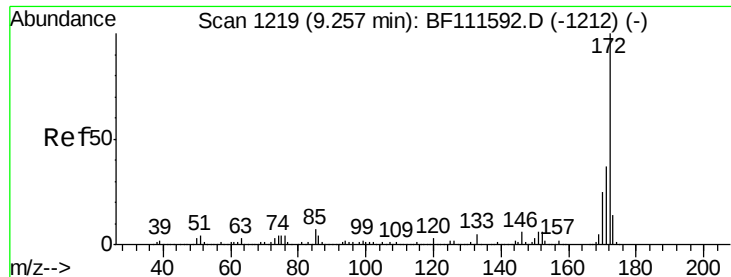
Tot Ion:196 Resp: 348229
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.3 114.5
 200 31.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.865 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion:196 Resp: 357475
 Ion Ratio Lower Upper
 196 100
 198 96.4 72.9 109.3
 97 46.3 45.3 67.9
 132 27.0 25.5 38.3

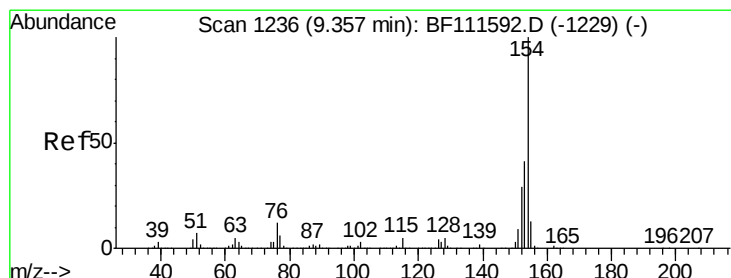
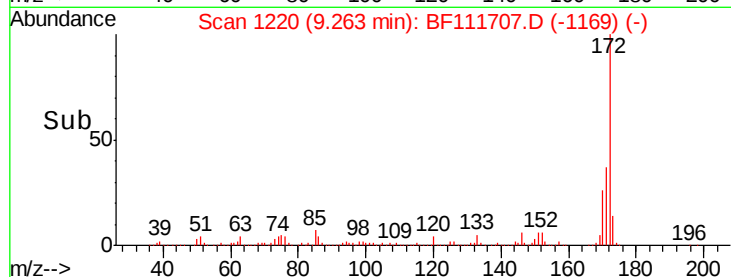
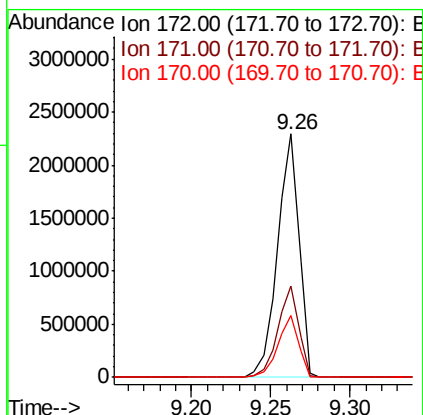
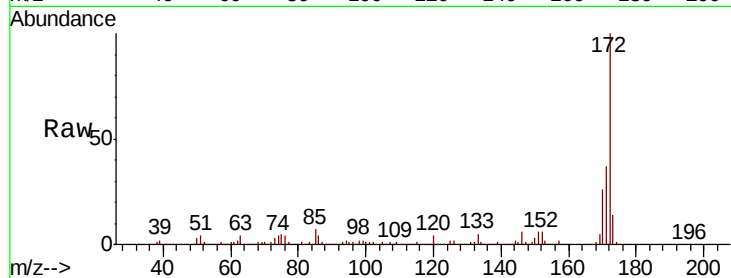




#45
2-Fluorobiphenyl
Concen: 80.883 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

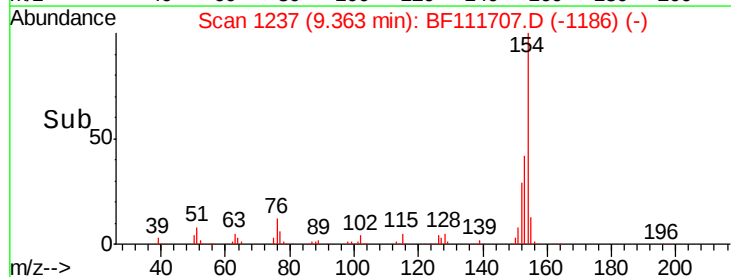
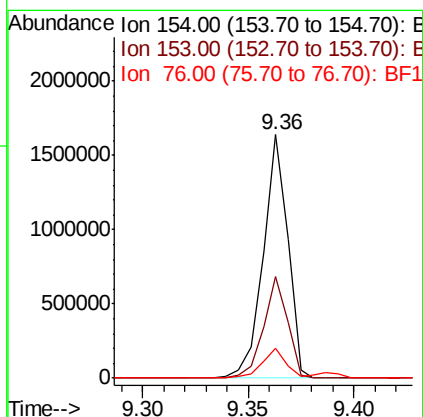
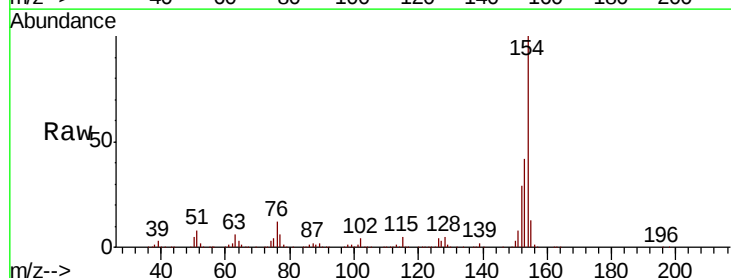
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

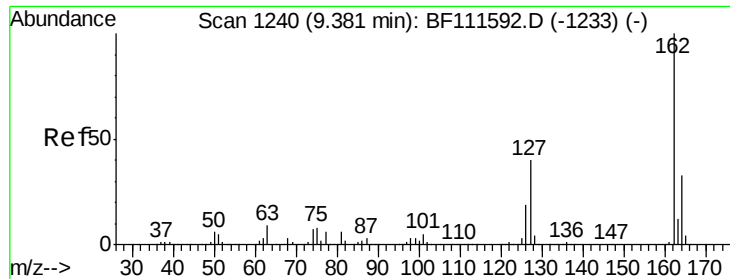
Tot Ion:172 Resp: 2156730
Ion Ratio Lower Upper
172 100
171 37.5 33.0 49.4
170 25.6 22.3 33.5



#46
1,1'-Biphenyl
Concen: 40.452 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:154 Resp: 1327169
Ion Ratio Lower Upper
154 100
153 41.5 23.7 63.7
76 12.3 0.0 35.0

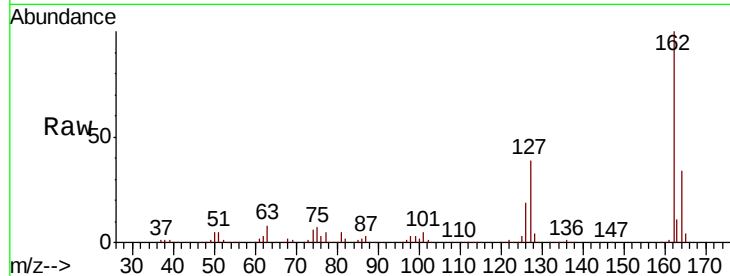




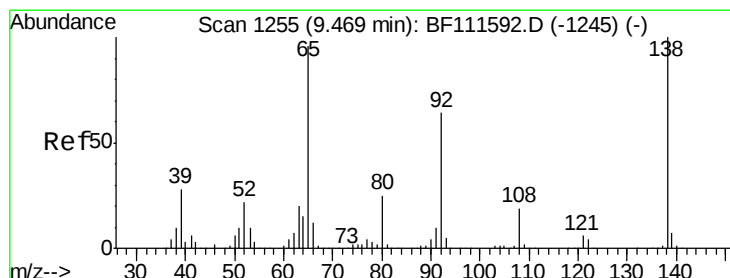
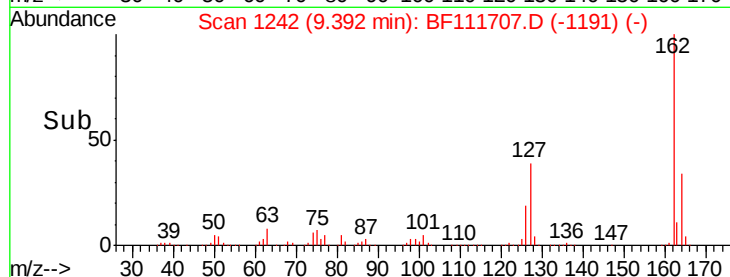
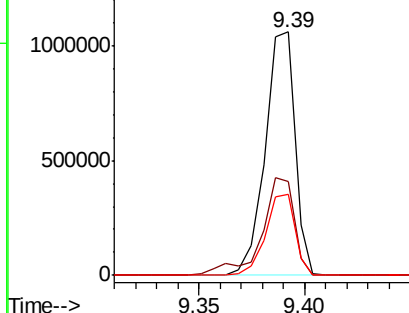
#47
 2-Chloronaphthalene
 Concen: 40.214 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1045341
 Ion Ratio Lower Upper
 162 100
 127 38.8 35.0 52.4
 164 33.5 28.4 42.6

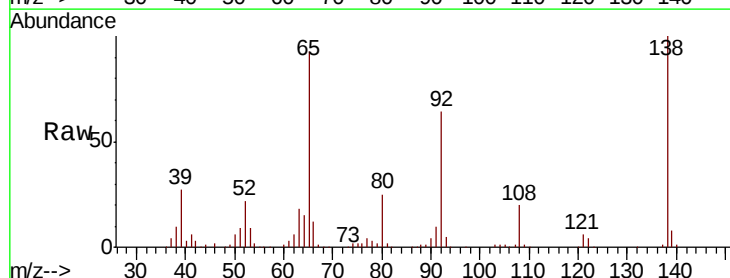


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

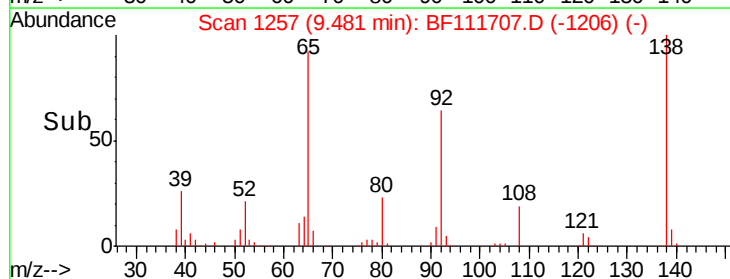
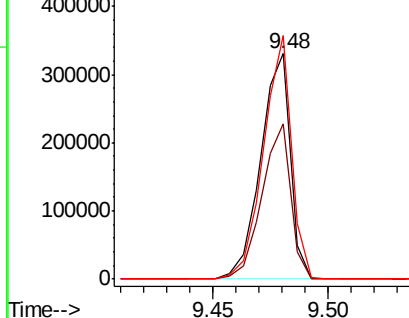


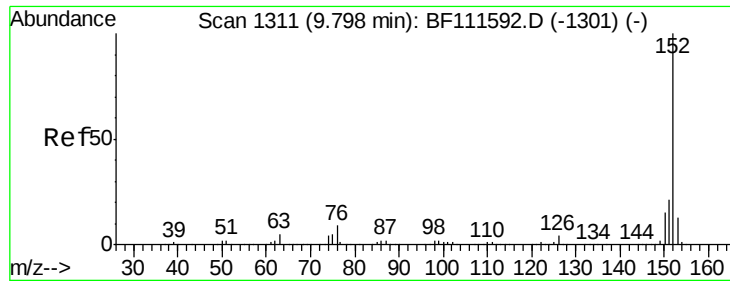
#48
 2-Nitroaniline
 Concen: 43.860 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion: 65 Resp: 296600
 Ion Ratio Lower Upper
 65 100
 92 68.7 53.5 80.3
 138 108.1 80.9 121.3



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: 40.104 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

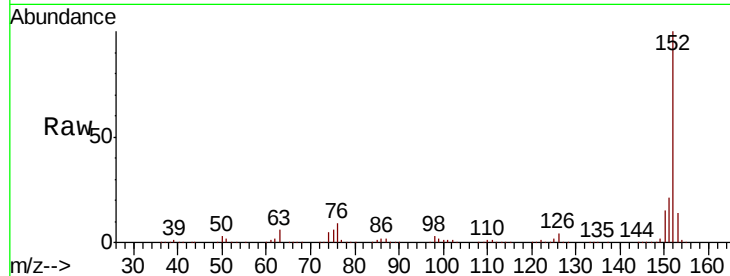
Tot Ion:152 Resp: 1522079

Ion Ratio Lower Upper

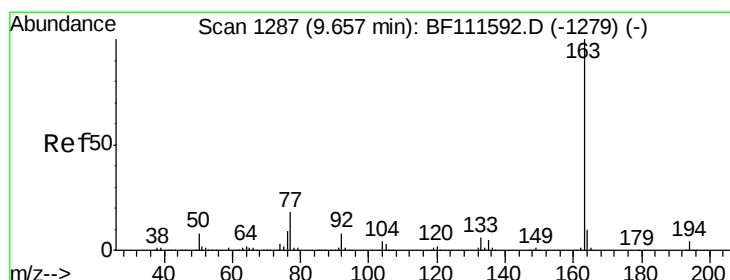
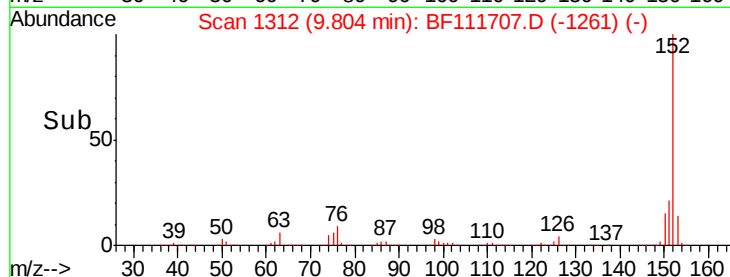
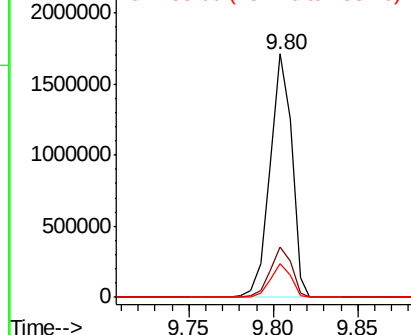
152 100

151 20.9 18.0 27.0

153 13.8 12.3 18.5



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



#50

Dimethylphthalate

Concen: 40.117 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

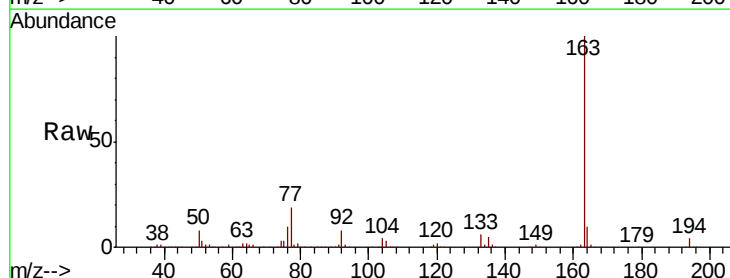
Tgt Ion:163 Resp: 1140184

Ion Ratio Lower Upper

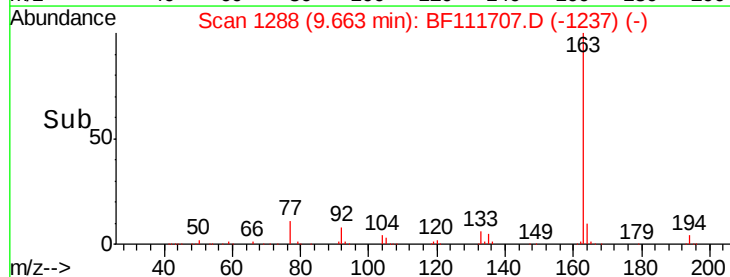
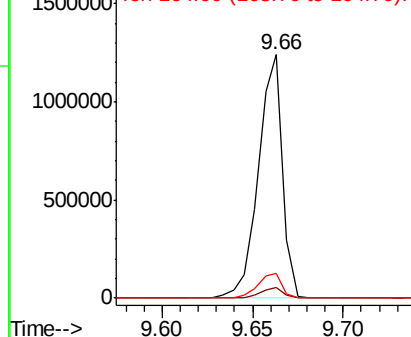
163 100

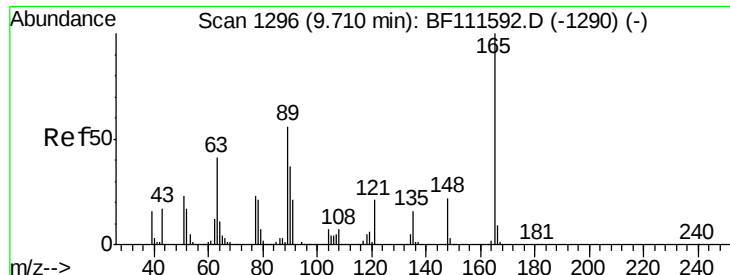
194 4.1 3.0 4.6

164 9.9 8.9 13.3



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

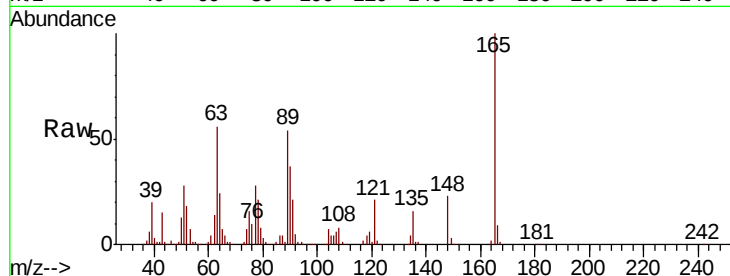




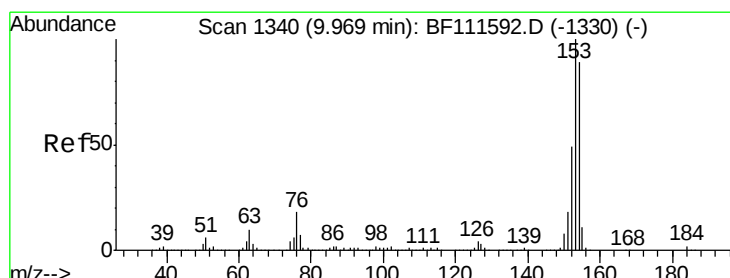
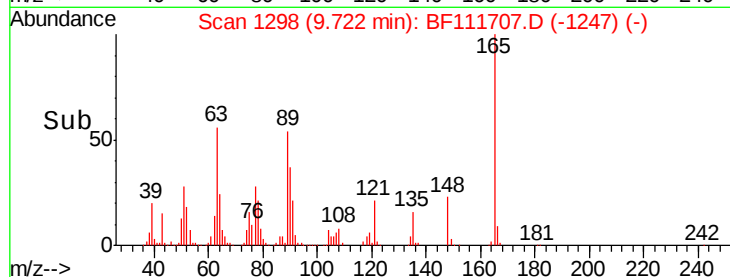
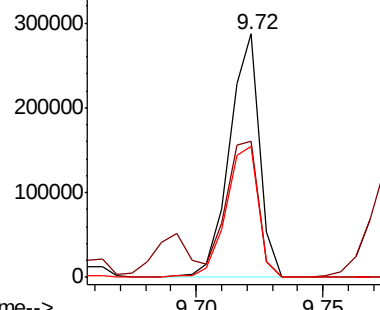
#51
2,6-Dinitrotoluene
Concen: 41.804 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 236913
Ion Ratio Lower Upper
165 100
63 55.7 40.5 60.7
89 54.0 40.0 60.0

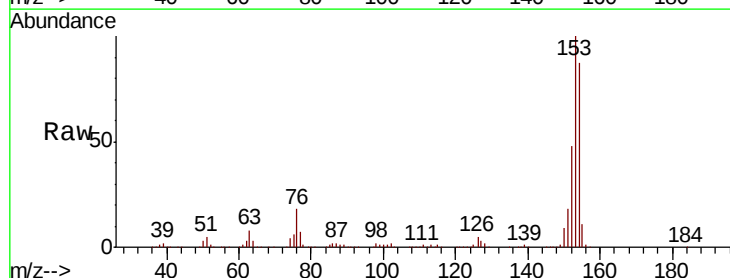


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

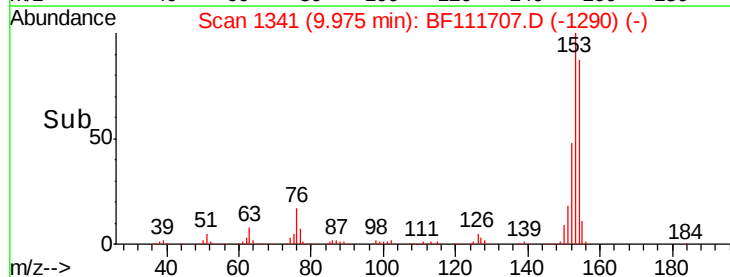
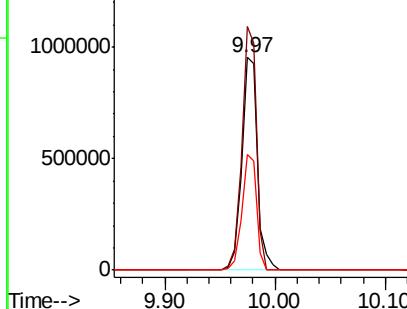


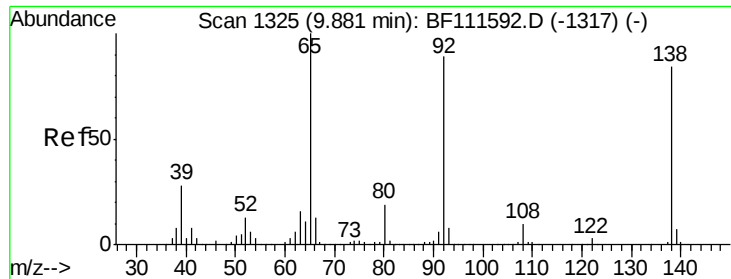
#52
Acenaphthene
Concen: 40.380 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:154 Resp: 945212
Ion Ratio Lower Upper
154 100
153 114.4 87.8 131.8
152 54.6 43.4 65.2



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

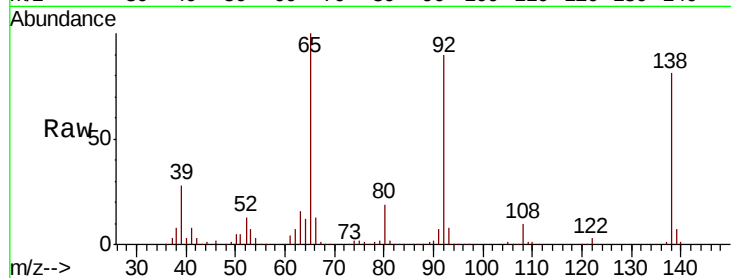




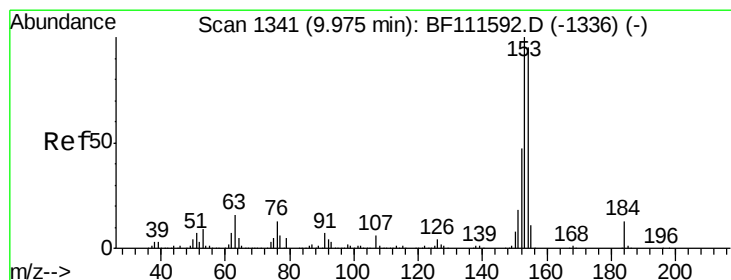
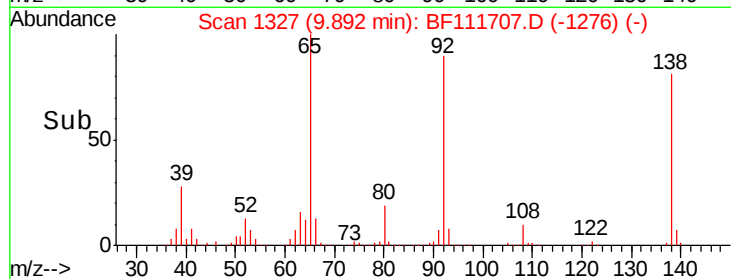
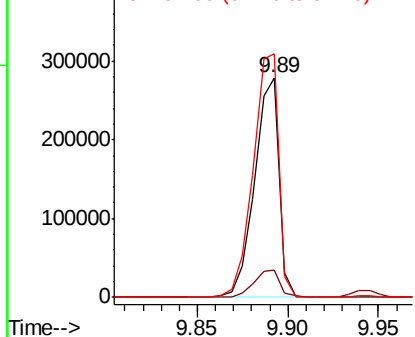
#53
3-Nitroaniline
Concen: 43.278 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 261574
Ion Ratio Lower Upper
138 100
108 12.4 8.2 12.4#
92 111.0 93.4 140.2

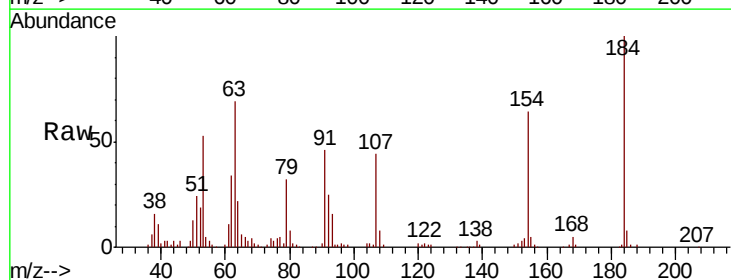


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

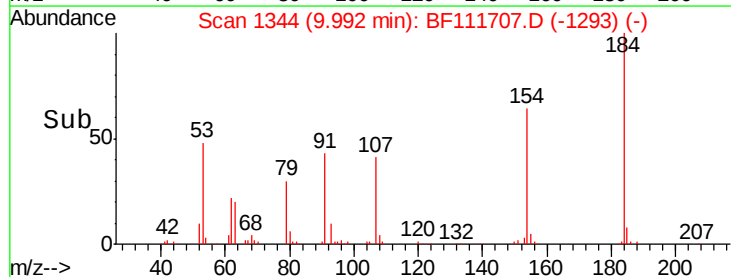
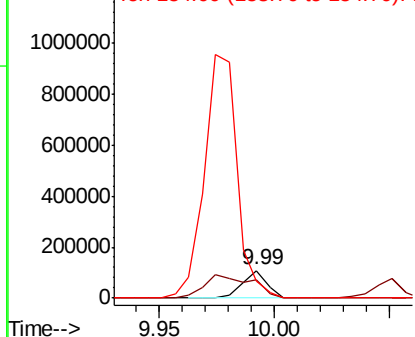


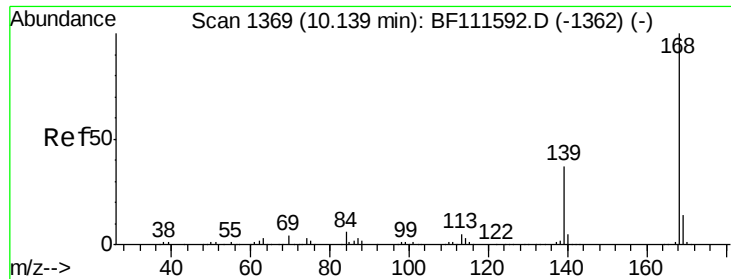
#54
2,4-Dinitrophenol
Concen: 47.422 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:184 Resp: 80293
Ion Ratio Lower Upper
184 100
63 68.6 62.3 93.5
154 64.3 56.2 84.2



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





#55

Dibenzofuran

Concen: 40.012 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

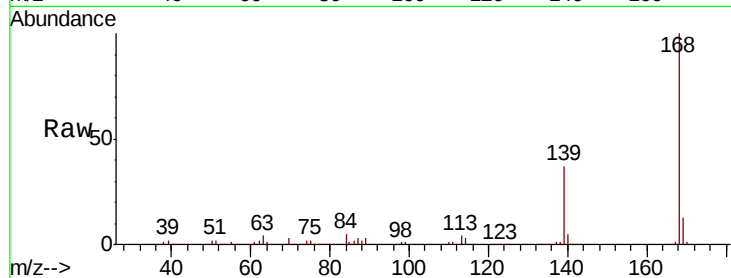
Tot Ion:168 Resp: 1415008

Ion Ratio Lower Upper

168 100

139 36.8 32.6 49.0

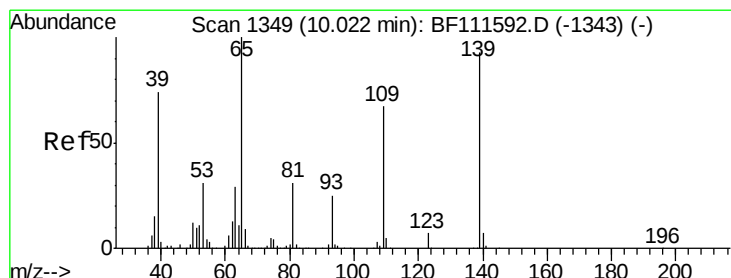
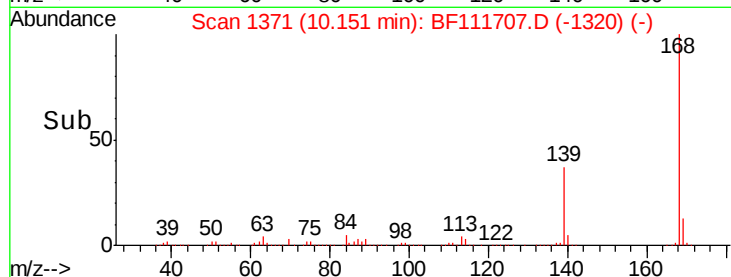
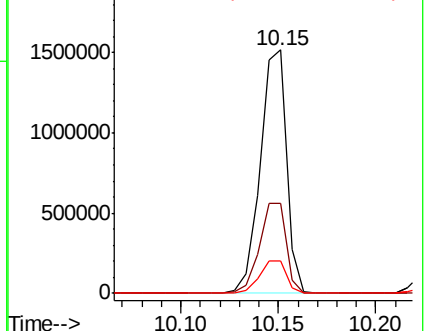
169 13.3 11.8 17.6



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: 41.829 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

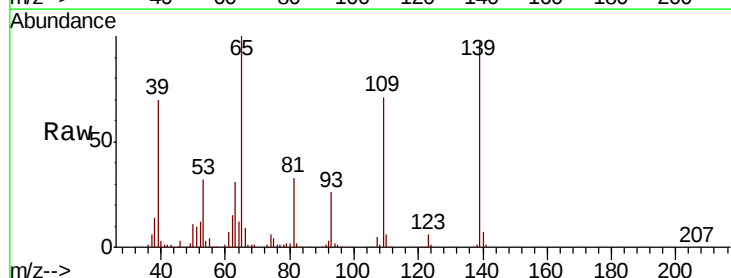
Tgt Ion:139 Resp: 192938

Ion Ratio Lower Upper

139 100

109 73.6 41.8 81.8

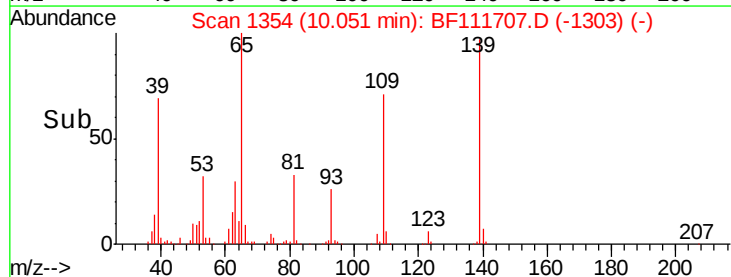
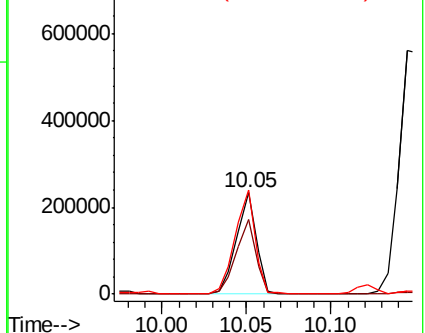
65 103.4 79.6 119.6

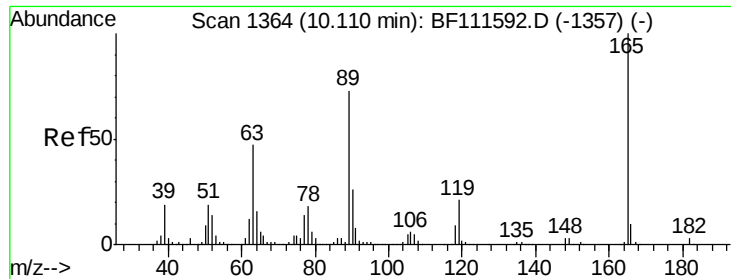


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

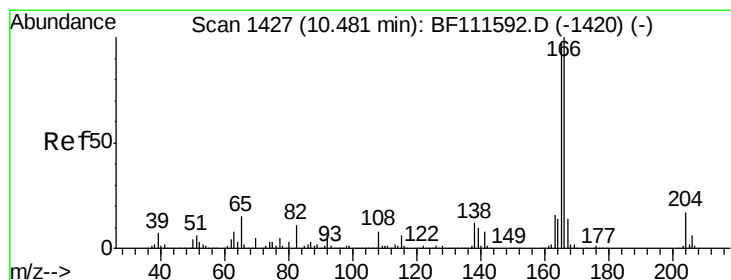
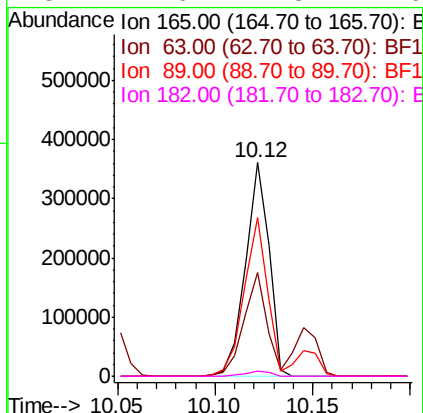
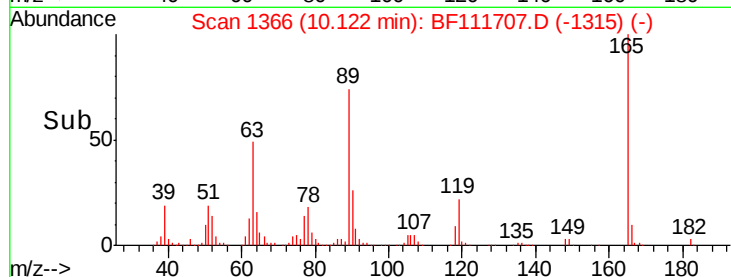
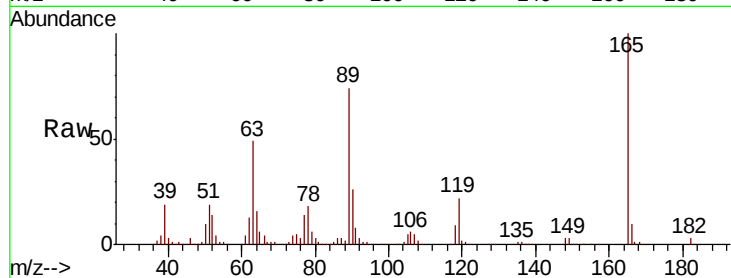




#57
2,4-Dinitrotoluene
Concen: 44.202 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

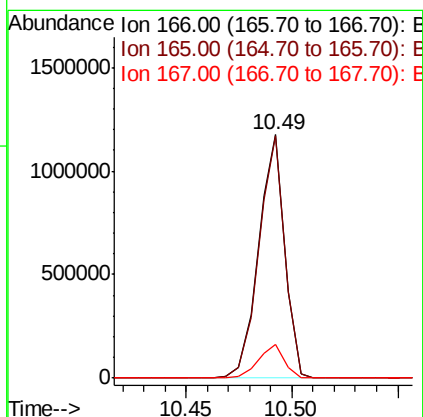
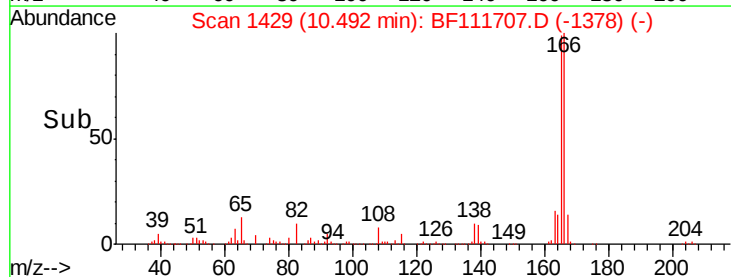
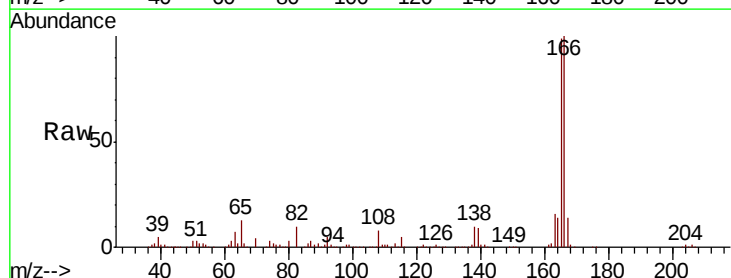
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

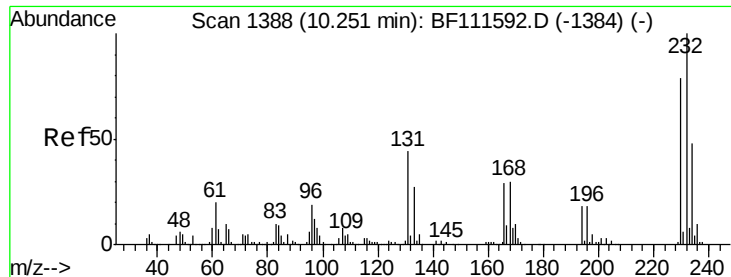
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	34.6	52.0
89	74.1	56.2	84.4
182	2.6	1.8	2.6



#58
Fluorene
Concen: 39.699 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.4	117.6
167	13.7	11.2	16.8

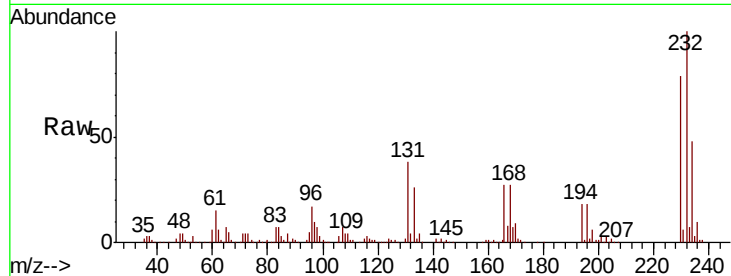




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.650 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	40.9	61.3
130	2.2	2.0	3.0
166	29.2	26.8	40.2



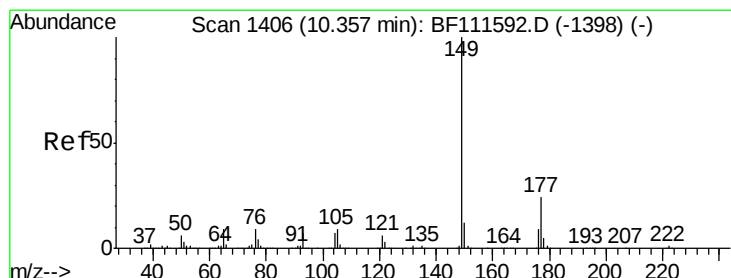
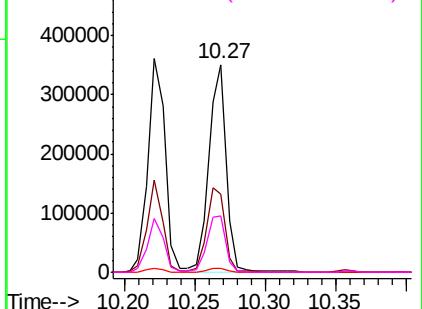
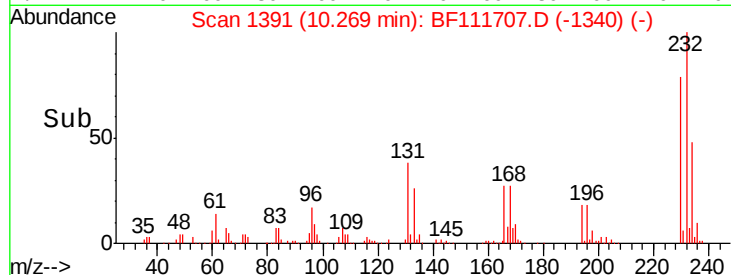
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

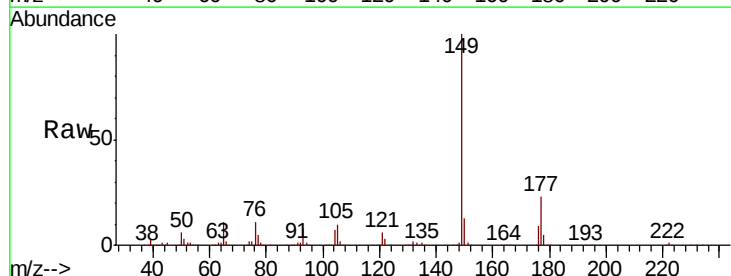
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.072 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	12.8	10.6	15.8

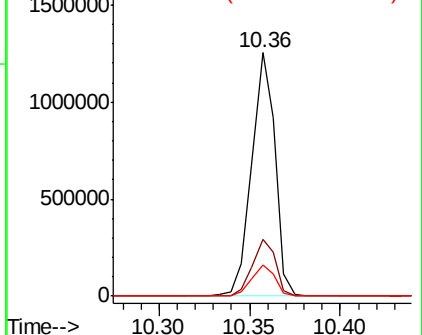
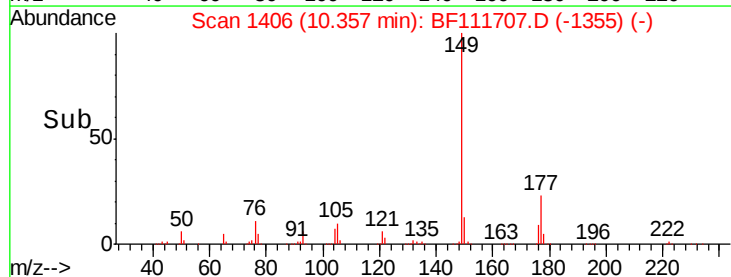


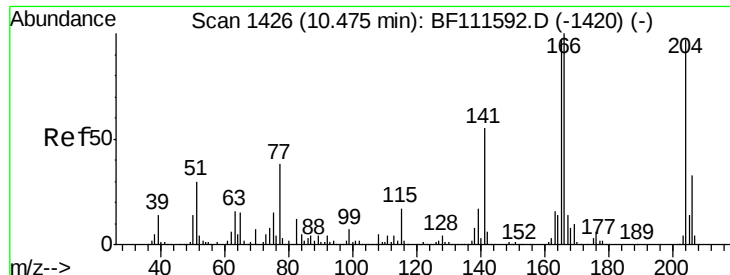
Abundance

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

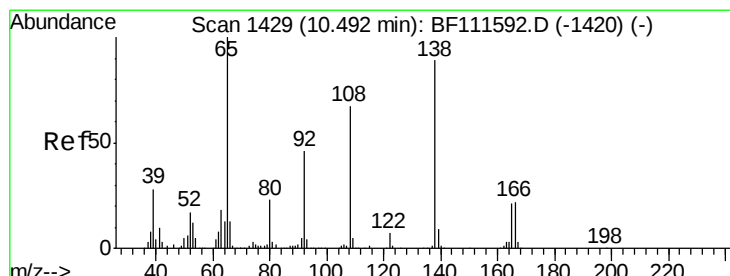
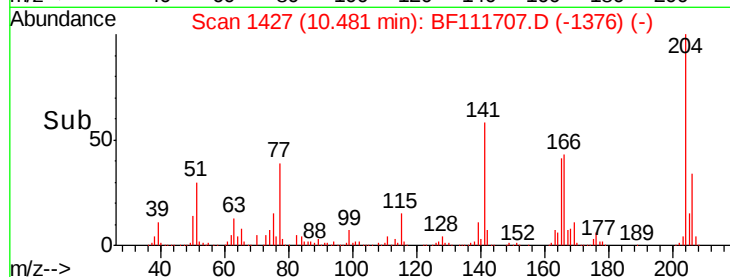
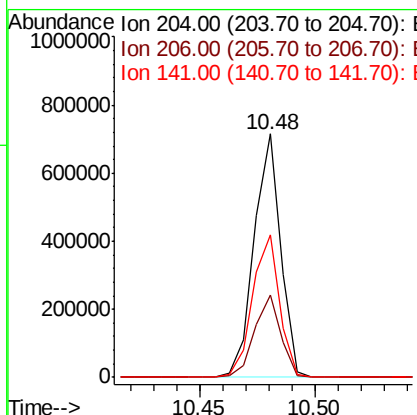
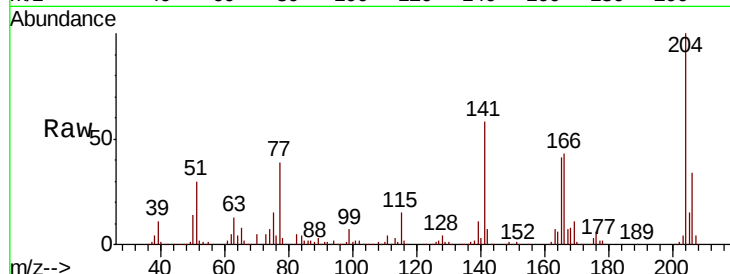




#61
 4-Chlorophenyl-phenylether
 Concen: 40.848 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

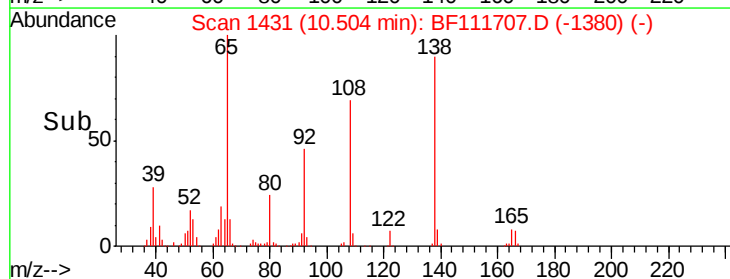
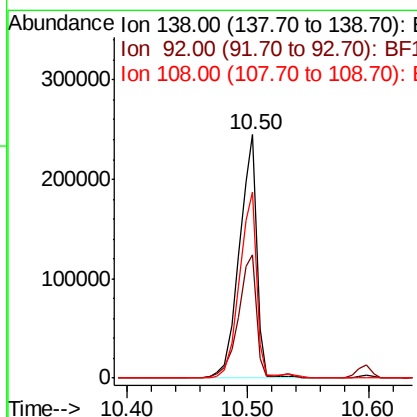
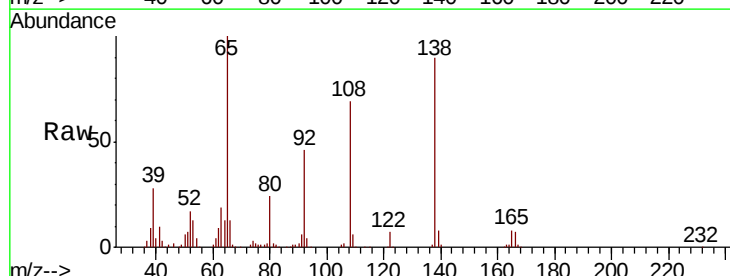
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

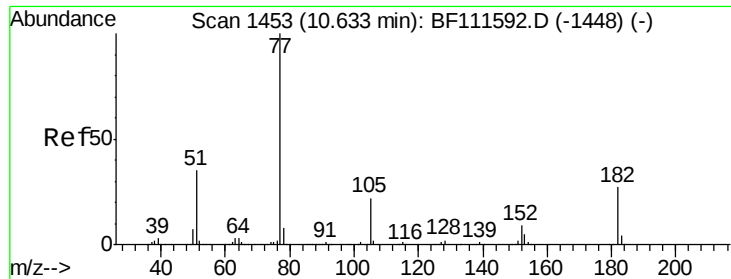
Tot Ion:204 Resp: 575111
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.6 39.8
 141 58.4 52.6 78.8



#62
 4-Nitroaniline
 Concen: 42.176 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion:138 Resp: 247757
 Ion Ratio Lower Upper
 138 100
 92 50.5 29.9 69.9
 108 76.3 43.2 83.2





#63

Azobenzene

Concen: 39.268 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1099083

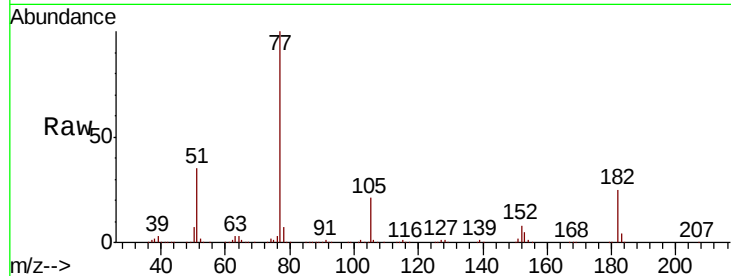
Ion Ratio Lower Upper

77 100

182 24.6 4.9 44.9

105 20.8 6.0 46.0

51 34.7 14.7 54.7

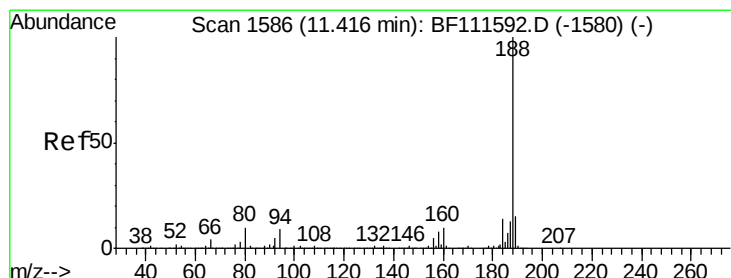
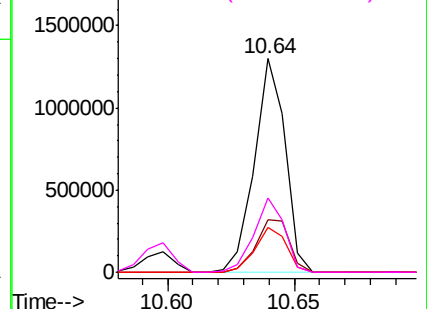
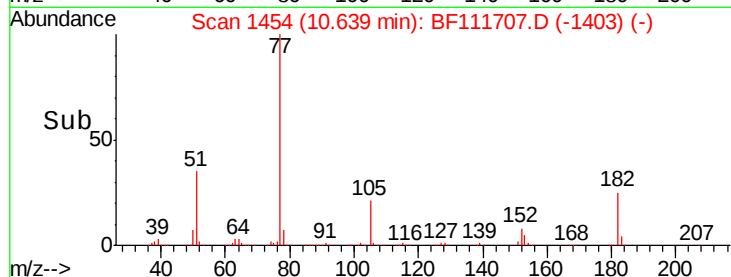


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

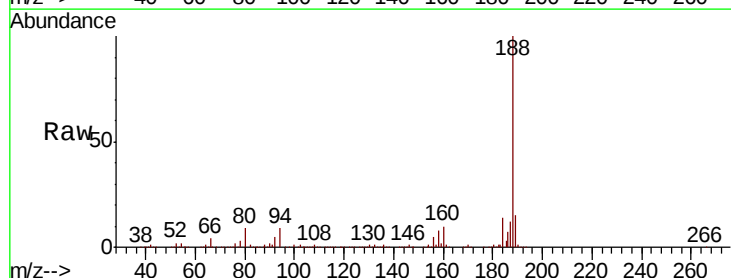
Tgt Ion: 188 Resp: 722509

Ion Ratio Lower Upper

188 100

94 8.6 9.6 14.4#

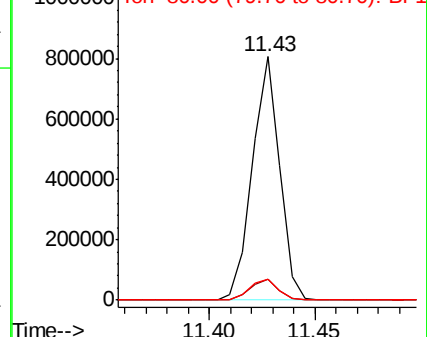
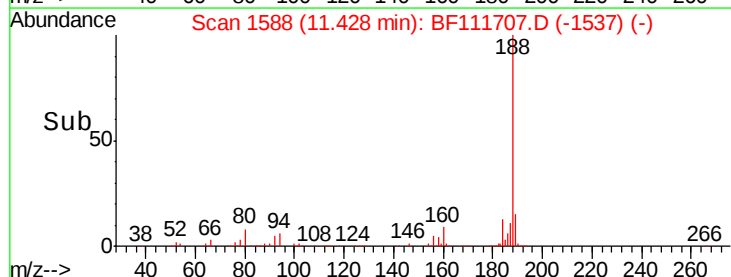
80 8.7 9.8 14.6#

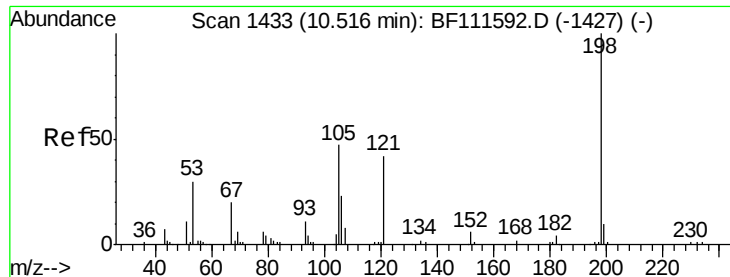


Abundance Ion 188.00 (187.70 to 188.70): E

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: 45.550 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

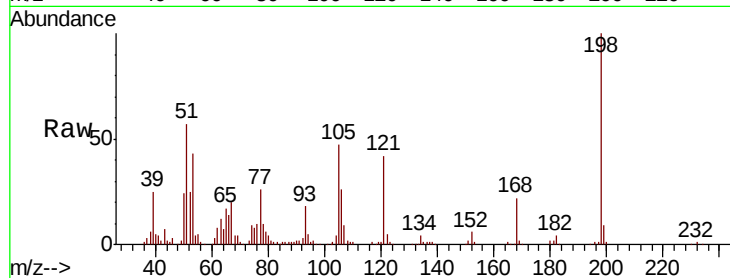
Tot Ion:198 Resp: 134829

Ion Ratio Lower Upper

198 100

51 56.8 48.0 88.0

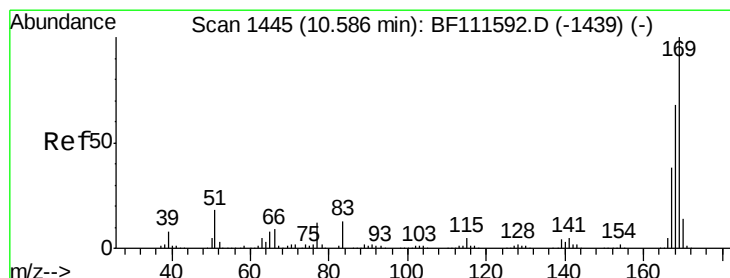
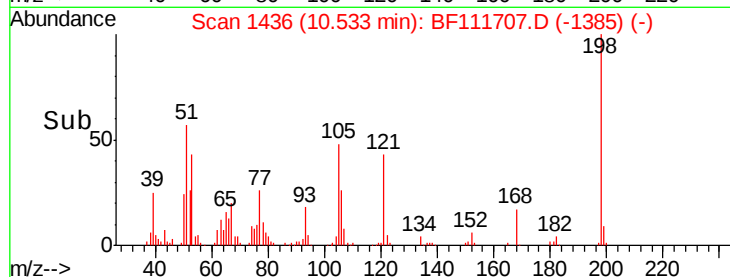
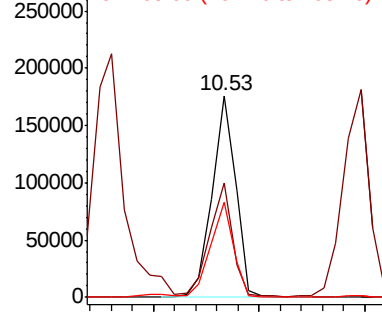
105 47.4 34.0 74.0



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: 39.925 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

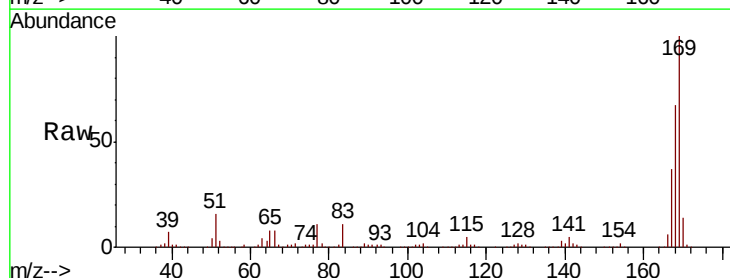
Tgt Ion:169 Resp: 968315

Ion Ratio Lower Upper

169 100

168 66.6 54.4 81.6

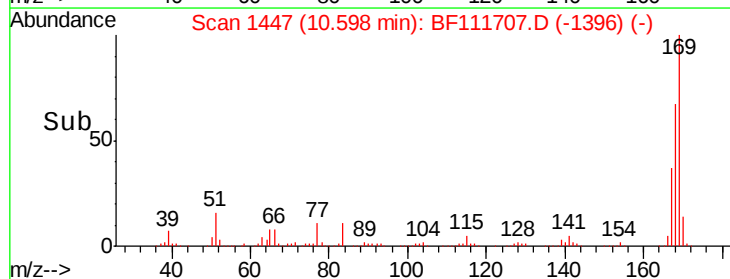
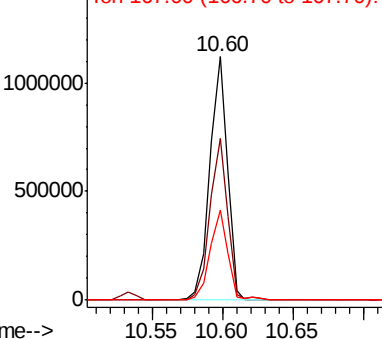
167 37.1 30.5 45.7

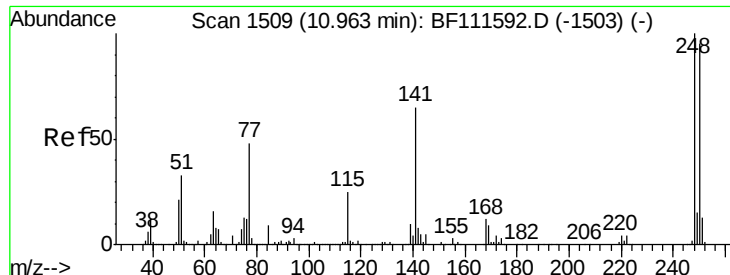


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

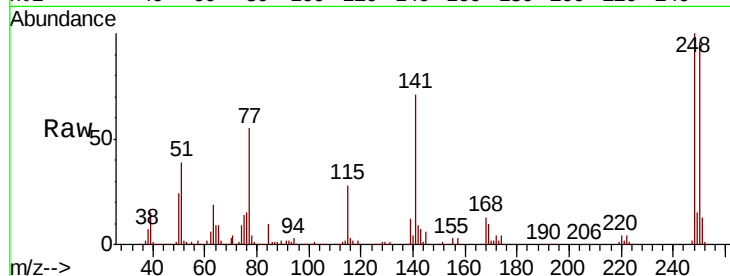




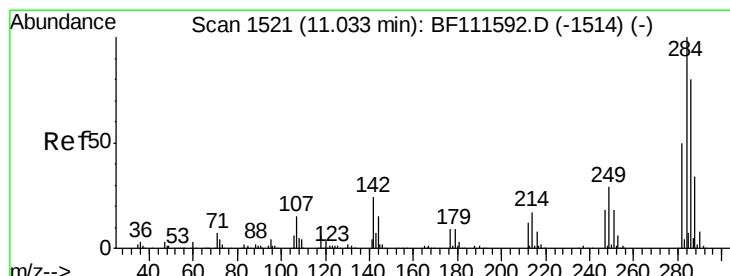
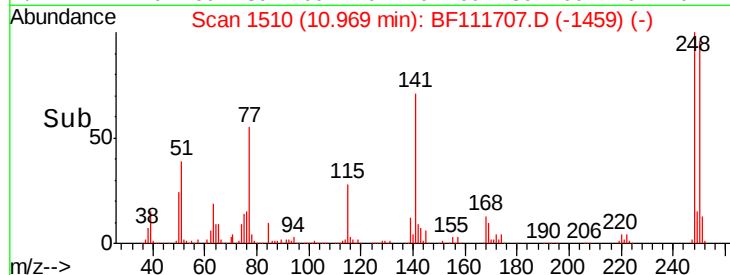
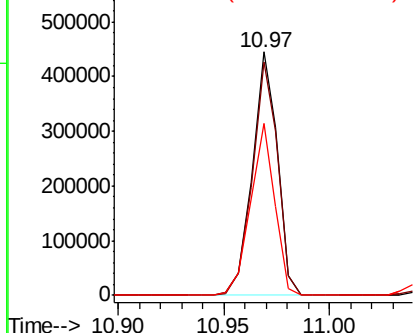
#67
4-Bromophenyl-phenylether
Concen: 40.977 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 367209
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.4
141 70.9 63.0 94.6

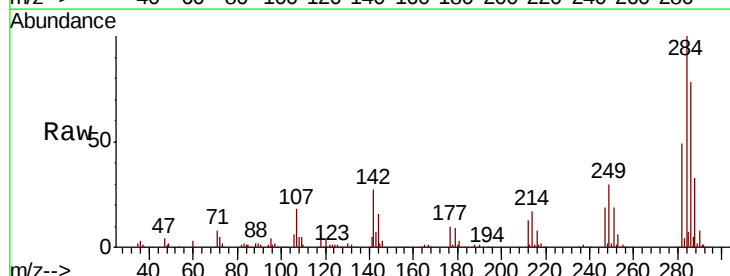


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

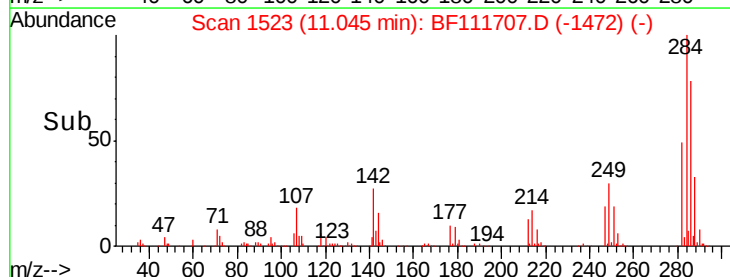
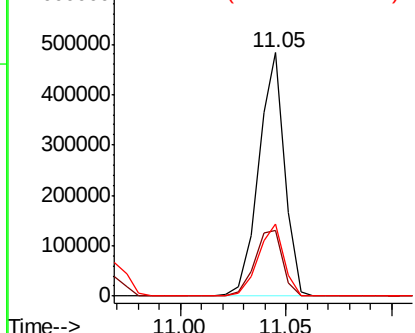


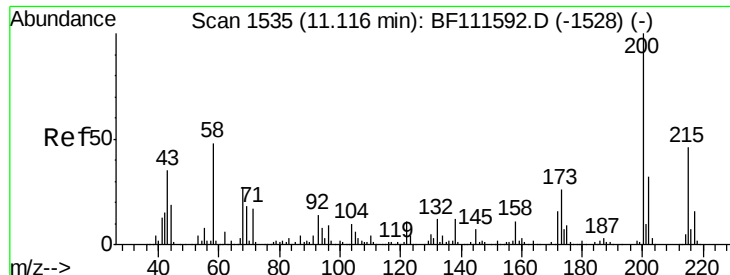
#68
Hexachlorobenzene
Concen: 41.071 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:284 Resp: 410370
Ion Ratio Lower Upper
284 100
142 27.0 27.4 41.2#
249 29.8 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

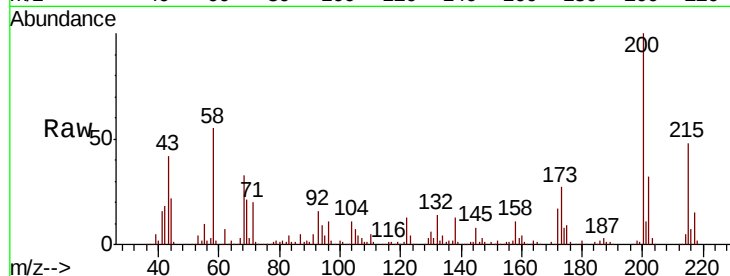




#69
 Atrazine
 Concen: 40.447 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	10.1	50.1
215	48.0	26.9	66.9

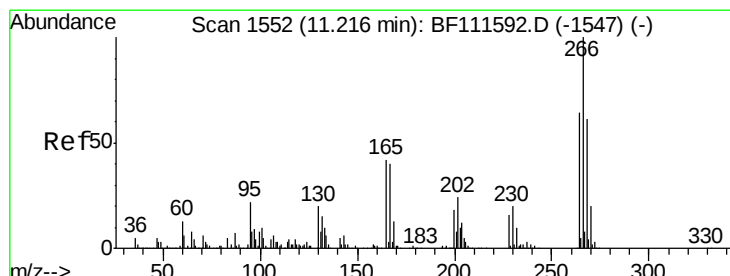
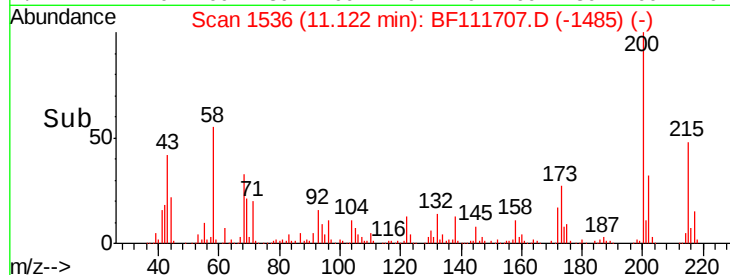
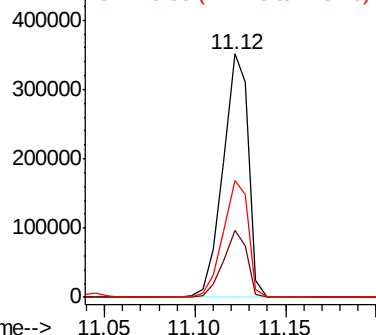


Abundance

Ion 200.00 (199.70 to 200.70): E

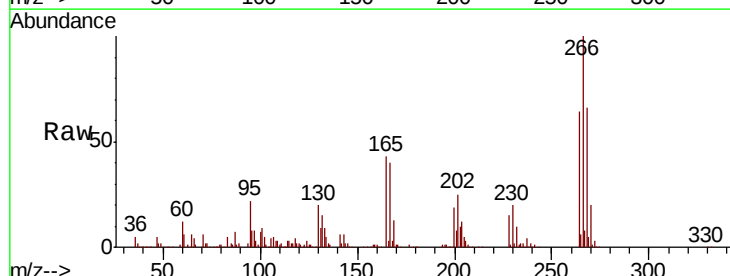
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 40.254 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	47.9	71.9
264	64.0	49.1	73.7

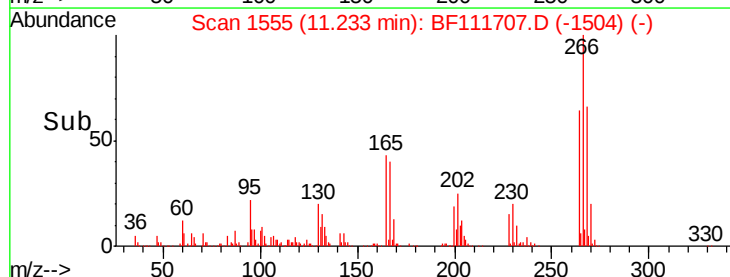
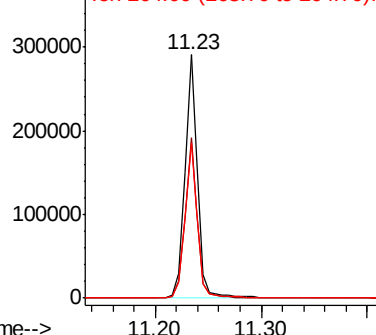


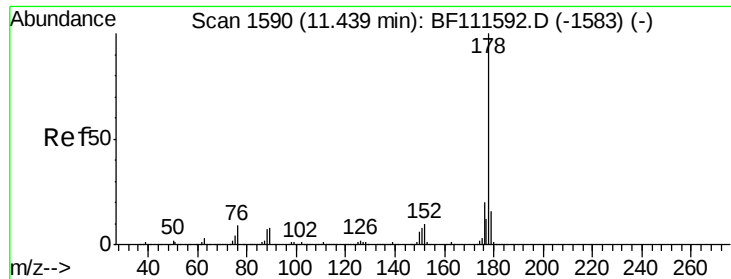
Abundance

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

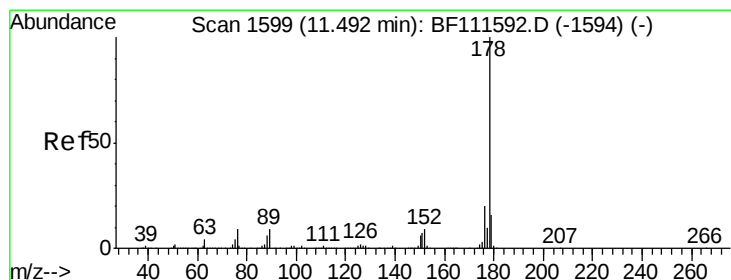
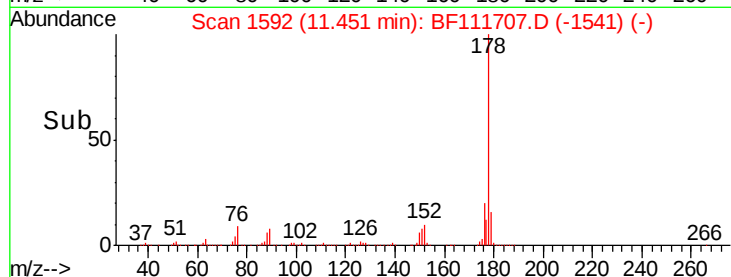
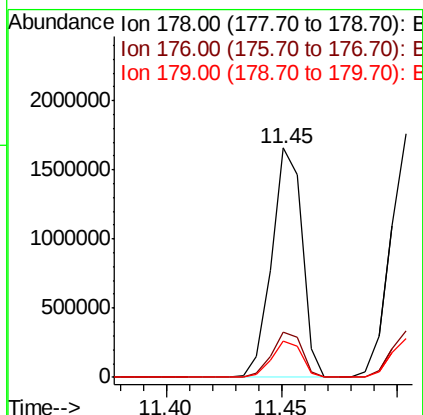
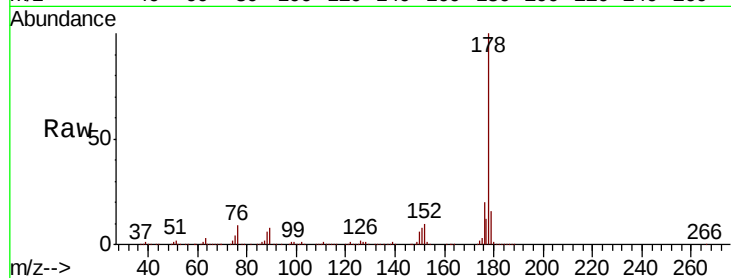




#71
Phenanthrene
Concen: 39.386 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

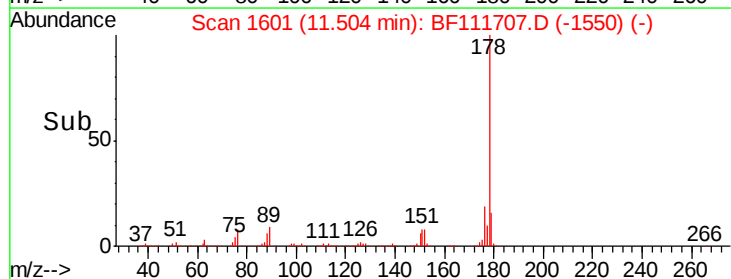
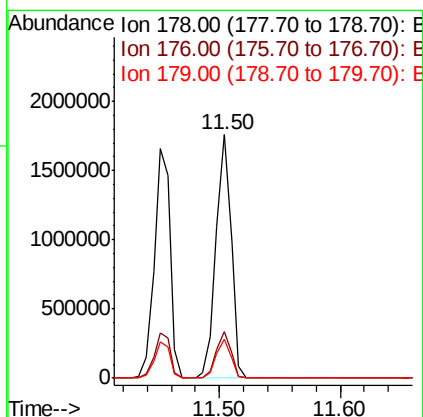
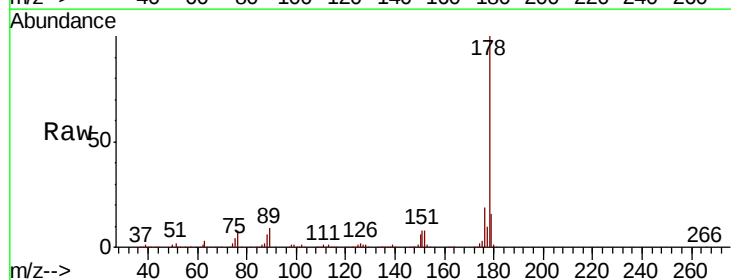
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

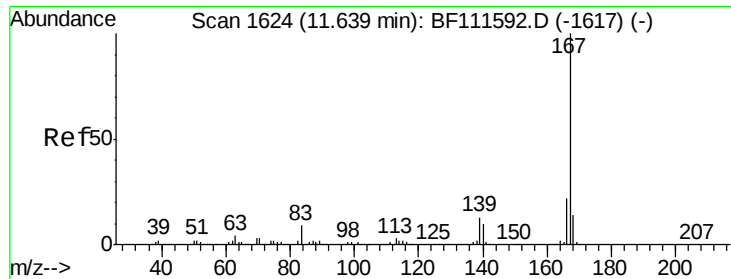
Tot Ion:178 Resp: 1509181
Ion Ratio Lower Upper
178 100
176 20.0 18.1 27.1
179 16.0 14.0 21.0



#72
Anthracene
Concen: 39.258 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:178 Resp: 1509879
Ion Ratio Lower Upper
178 100
176 19.3 17.2 25.8
179 16.2 13.8 20.8

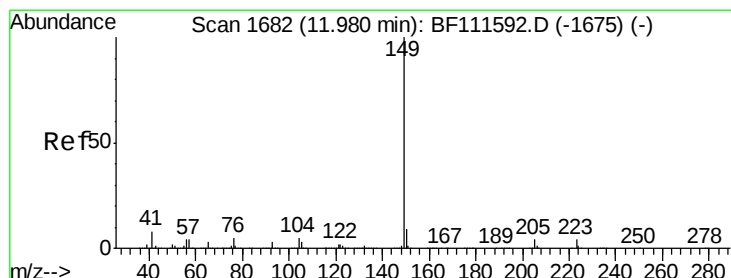
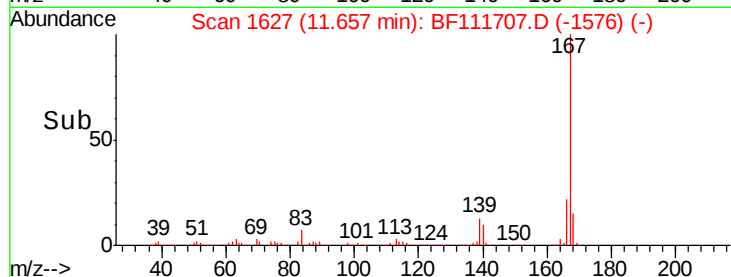
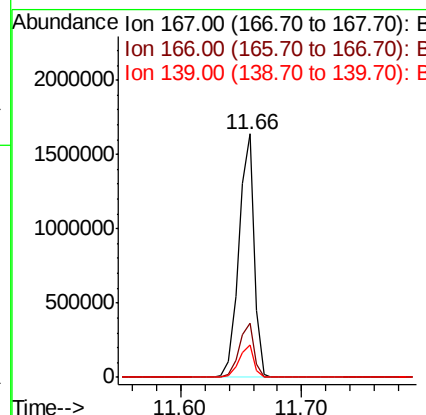
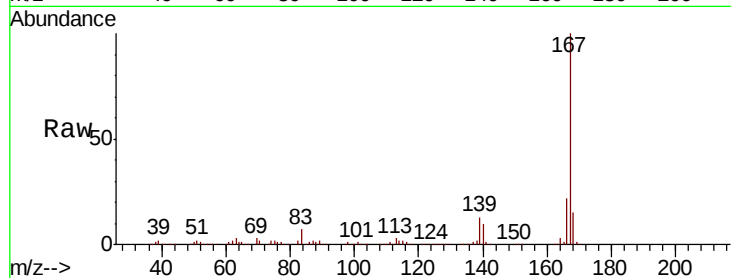




#73
 Carbazole
 Concen: 38.638 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

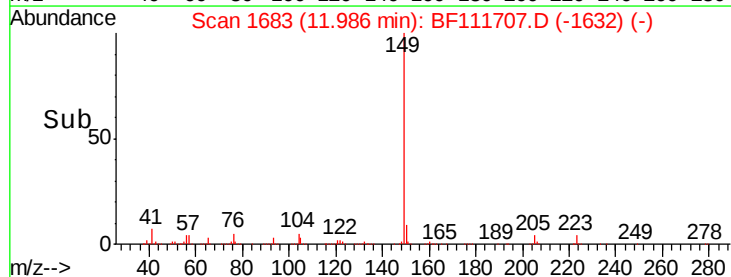
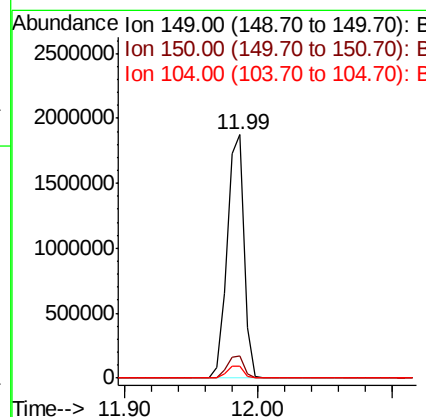
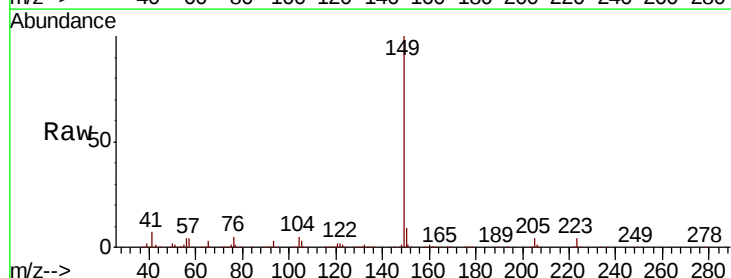
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

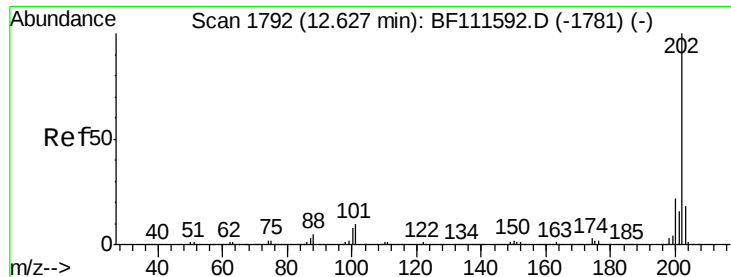
Tot Ion:167 Resp: 1442761
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.3 28.9
 139 13.2 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 40.043 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion:149 Resp: 1676458
 Ion Ratio Lower Upper
 149 100
 150 9.2 8.8 13.2
 104 5.0 4.5 6.7

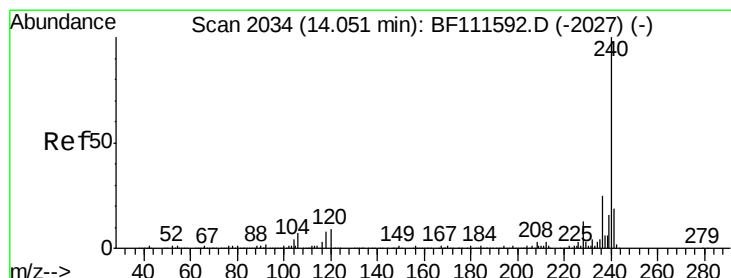
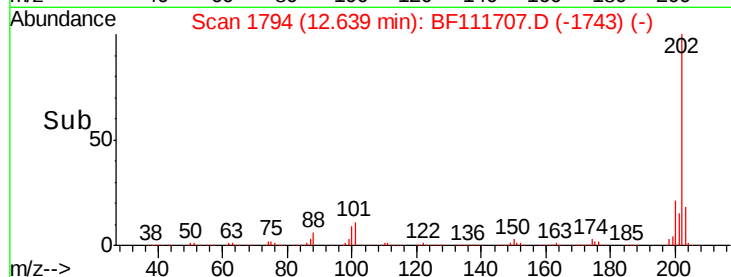
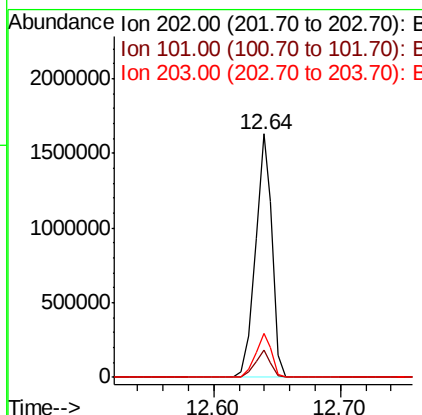
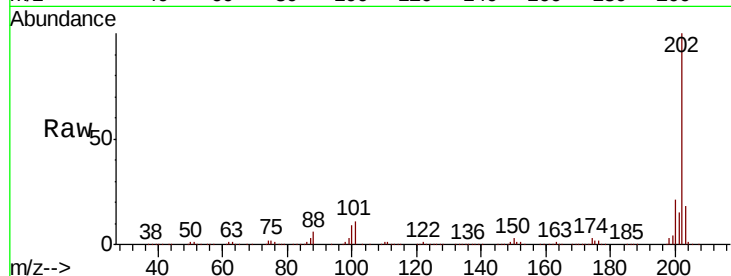




#75
Fluoranthene
Concen: 38.415 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

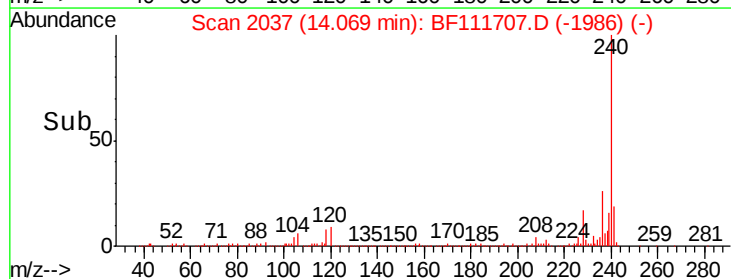
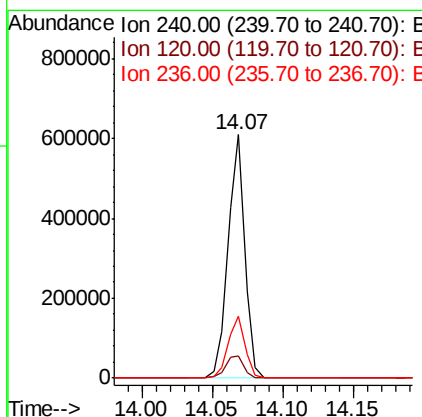
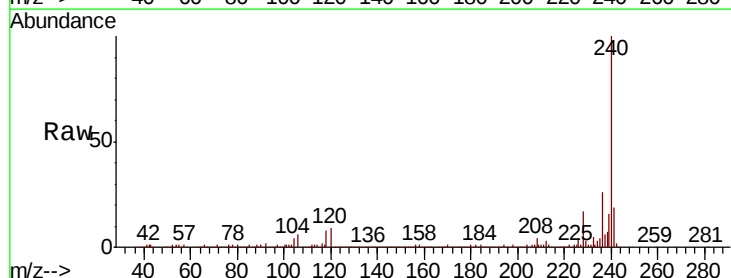
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

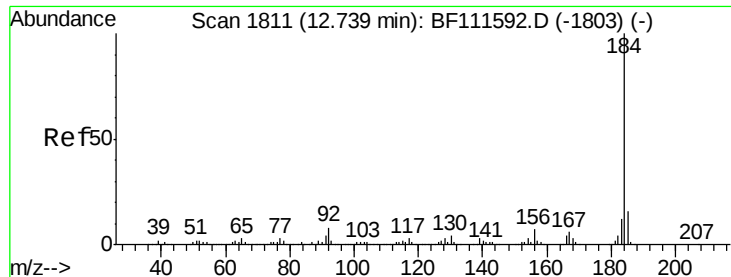
Tot Ion:202 Resp: 1490578
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.8
203 18.1 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:240 Resp: 500269
Ion Ratio Lower Upper
240 100
120 8.9 12.2 18.2#
236 25.6 20.2 30.2





#77

Benzidine

Concen: 33.195 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

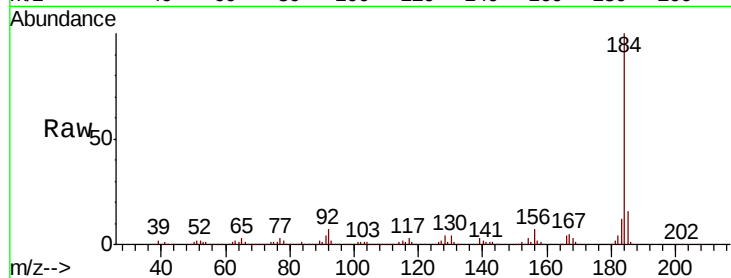
Tot Ion:184 Resp: 624894

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.6
183	12.1	9.3	13.9

184 100

185 15.8 13.0 19.6

183 12.1 9.3 13.9

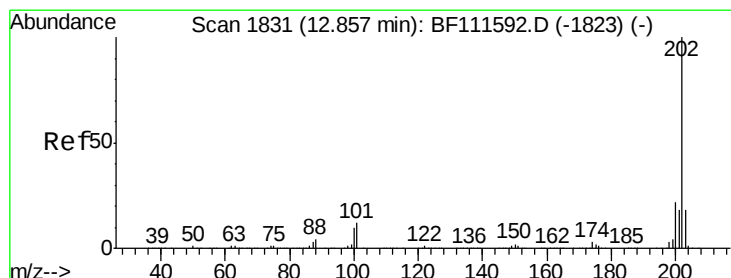
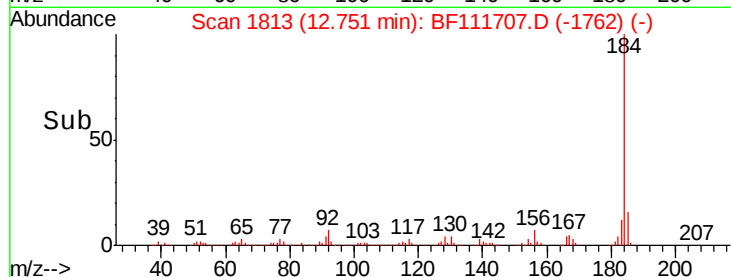
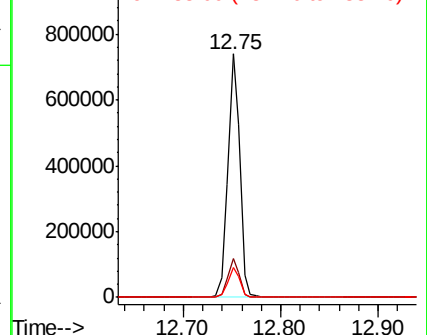


Abundance

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: 42.748 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

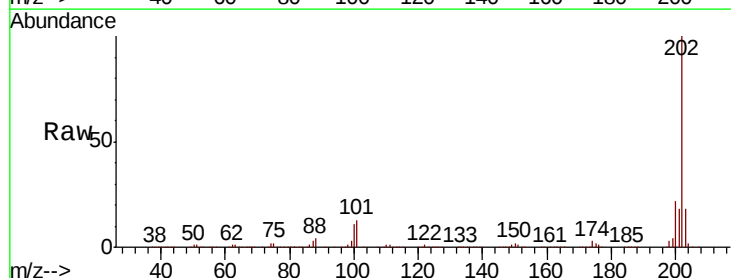
Tgt Ion:202 Resp: 1510191

Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.0	28.4
203	18.0	15.2	22.8

202 100

200 22.1 19.0 28.4

203 18.0 15.2 22.8

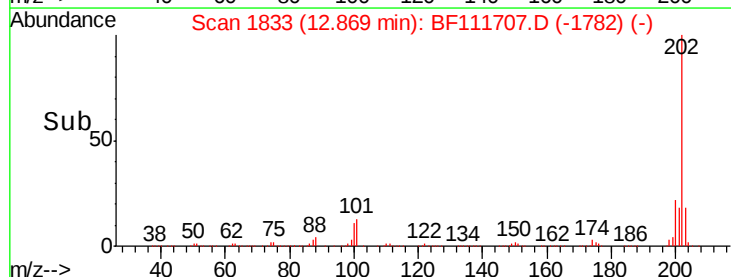
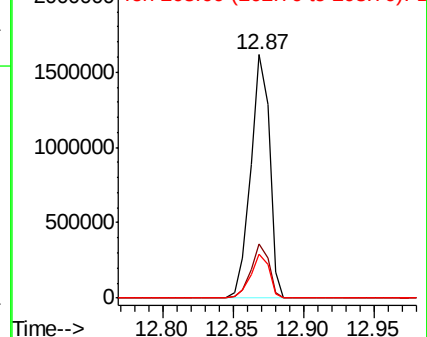


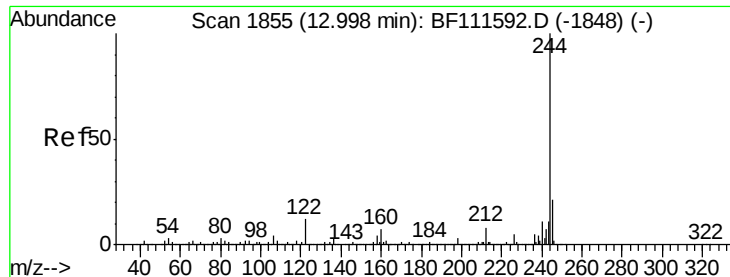
Abundance

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: 86.609 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

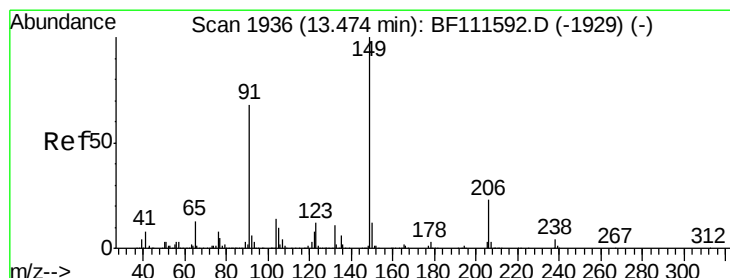
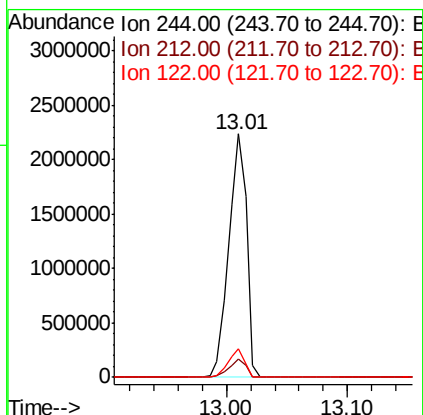
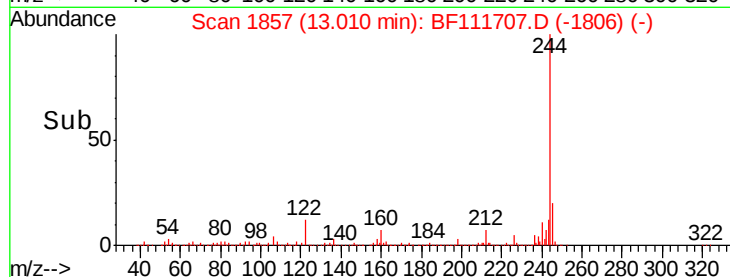
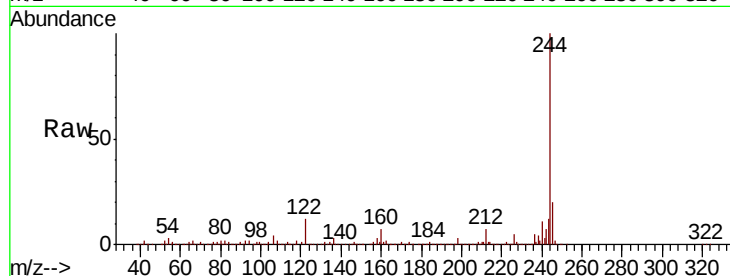
Tot Ion:244 Resp: 2284715

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 11.7 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 44.250 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

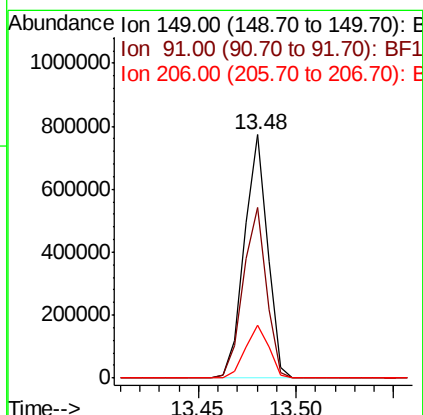
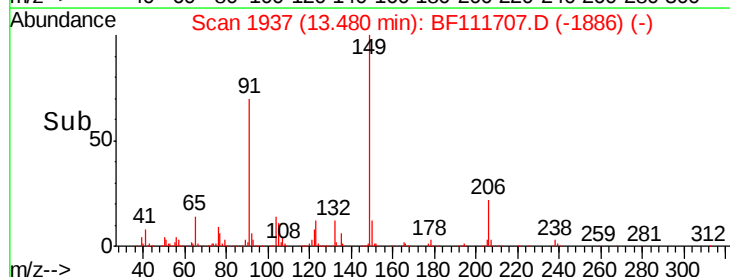
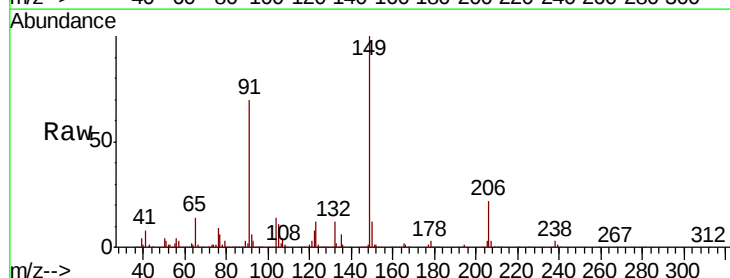
Tgt Ion:149 Resp: 637218

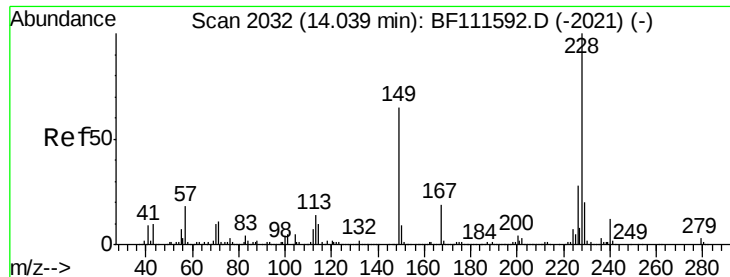
Ion Ratio Lower Upper

149 100

91 69.9 63.8 95.6

206 21.9 15.1 22.7





#81

Benzo(a)anthracene

Concen: 40.505 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

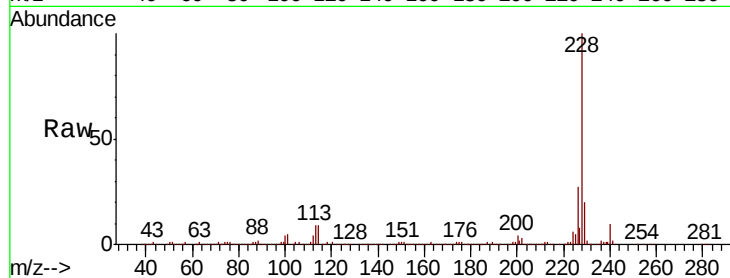
Tot Ion:228 Resp: 1156412

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

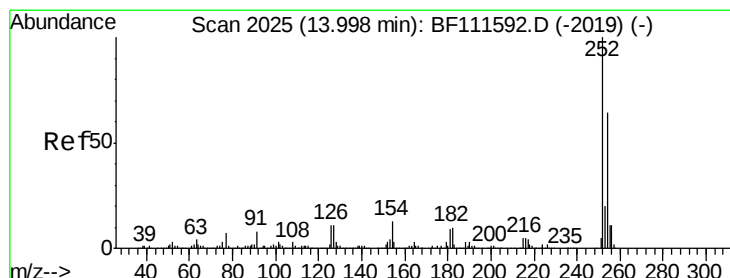
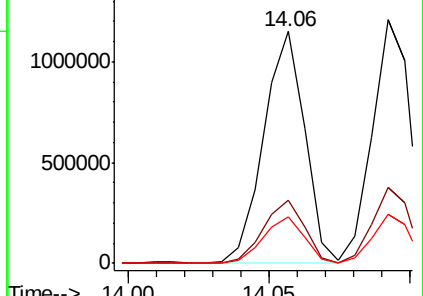
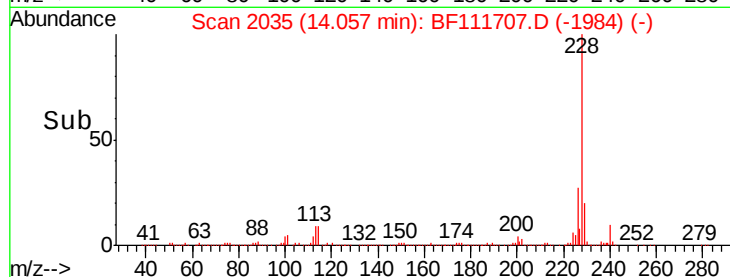
229 19.8 16.3 24.5



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: 40.569 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

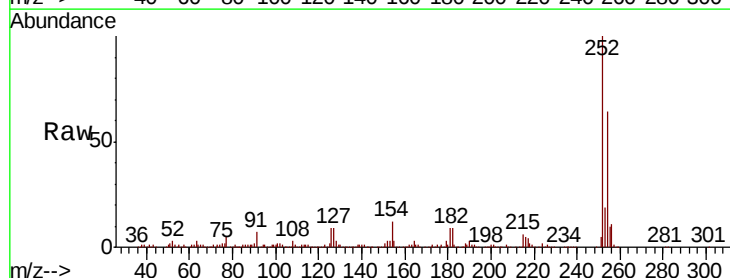
Tgt Ion:252 Resp: 457638

Ion Ratio Lower Upper

252 100

254 63.6 52.7 79.1

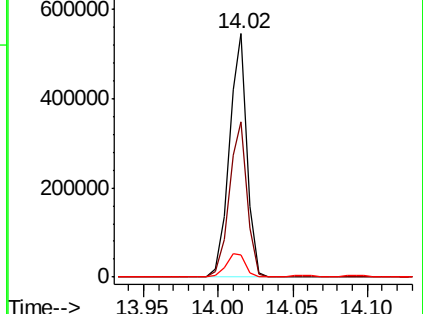
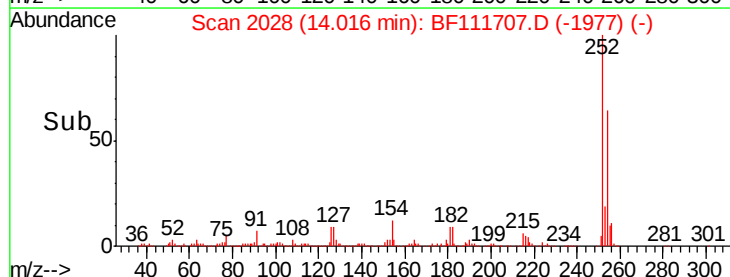
126 8.9 11.1 16.7#

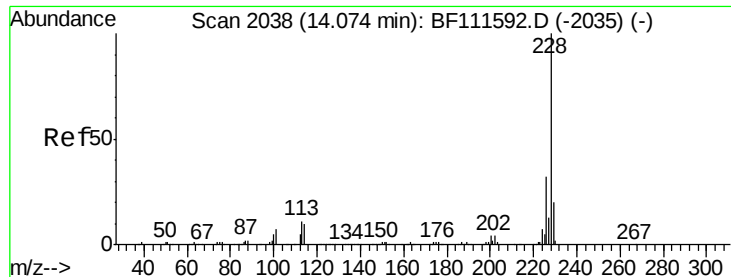


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

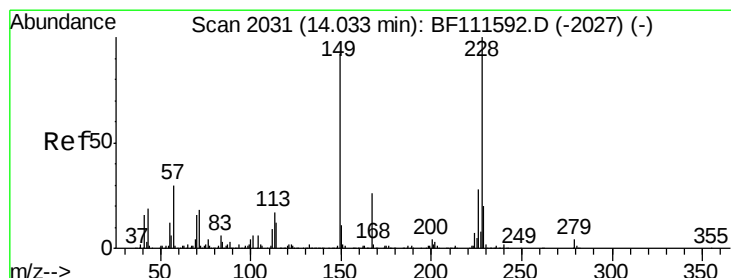
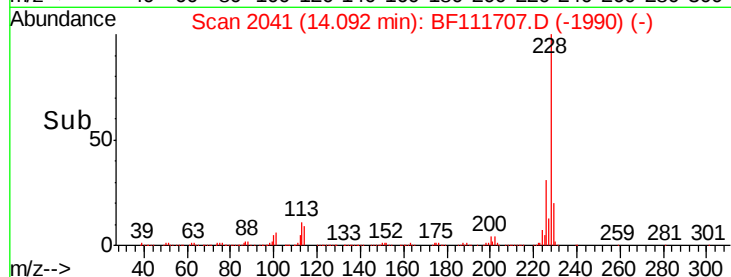
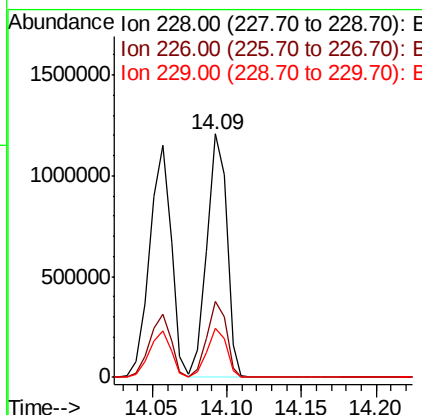
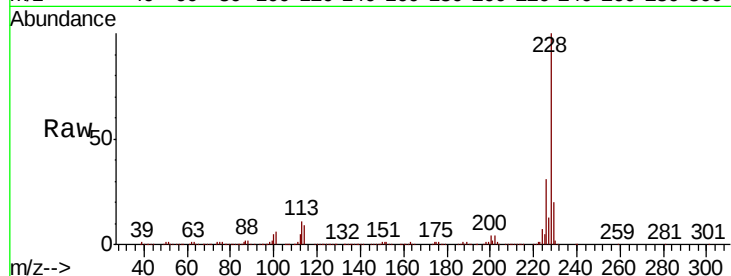




#83
 Chrysene
 Concen: 39.643 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

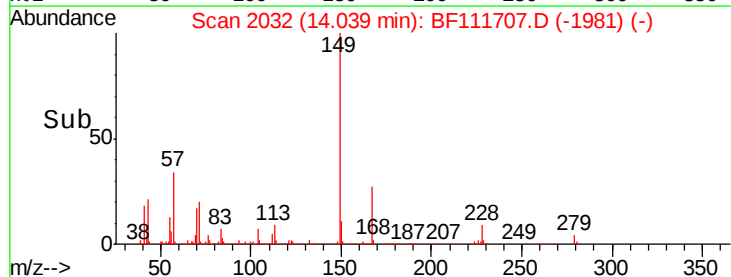
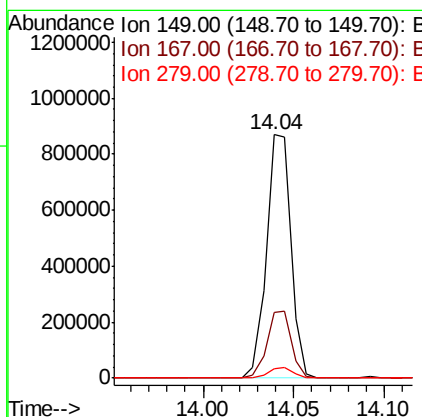
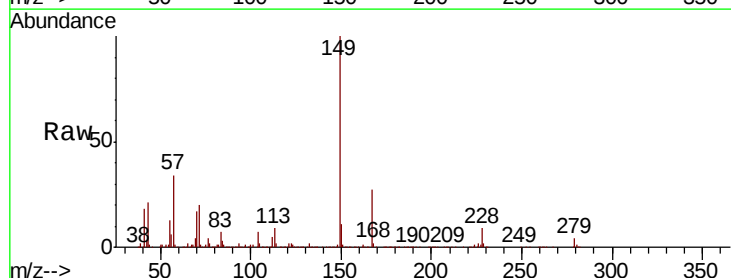
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

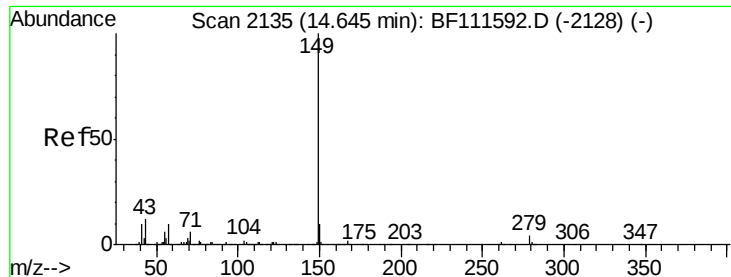
Tot Ion:228 Resp: 1112411
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.3 37.9
 229 20.4 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.195 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF111707.D
 Acq: 26 Dec 2018 11:05

Tgt Ion:149 Resp: 819788
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.5 33.7
 279 3.7 2.6 4.0

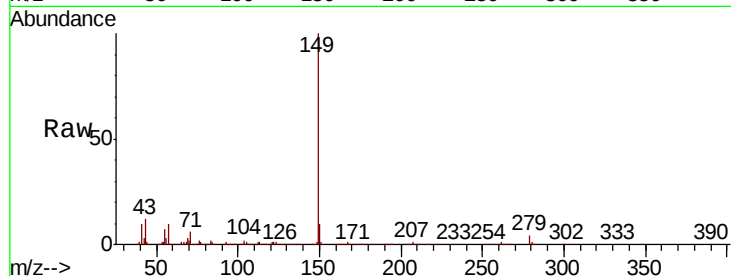




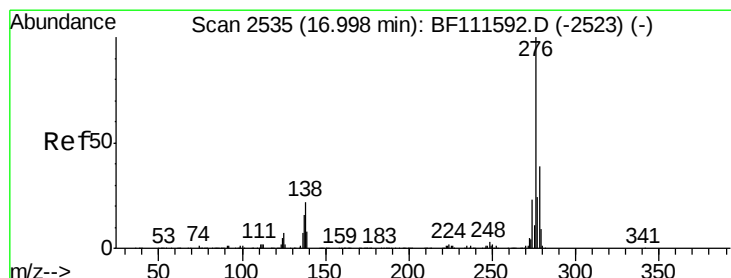
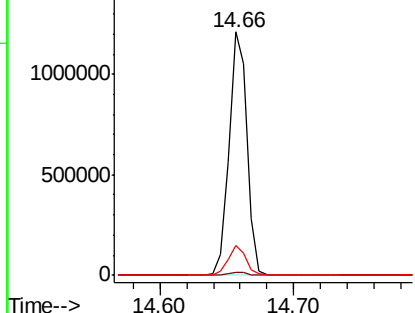
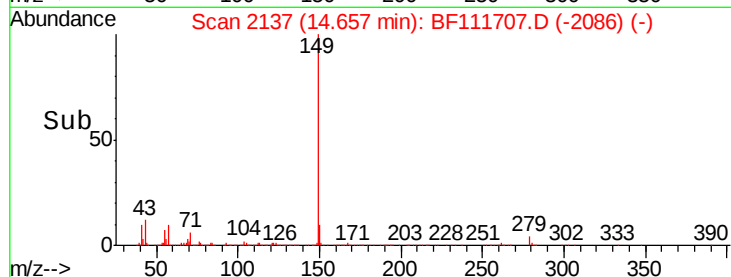
#85
Di-n-octyl phthalate
Concen: 40.836 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1147659
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.9 16.3

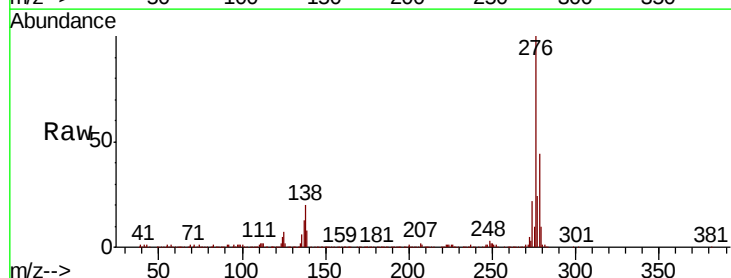


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

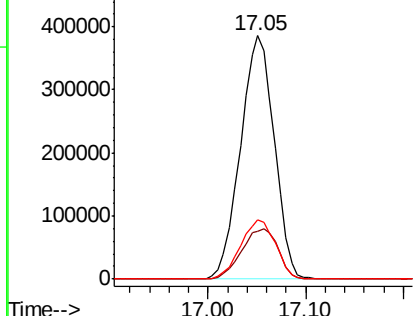
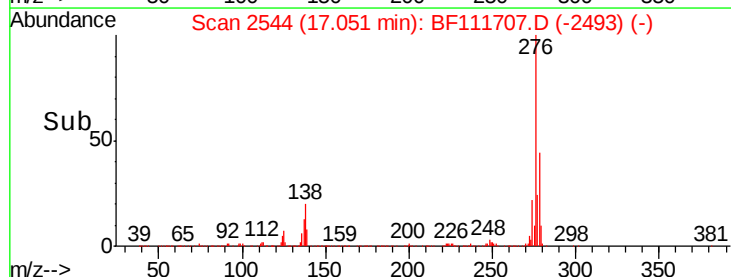


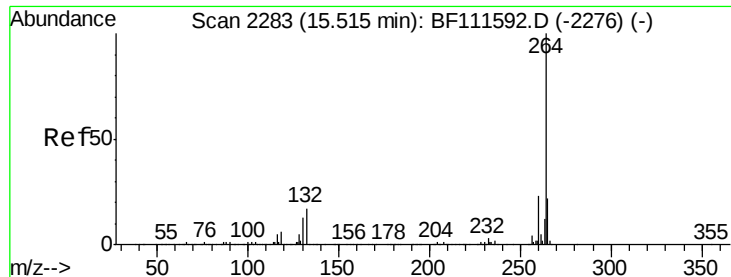
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.929 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:276 Resp: 928623
Ion Ratio Lower Upper
276 100
138 22.6 27.8 41.6#
277 25.4 20.1 30.1



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: 15.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

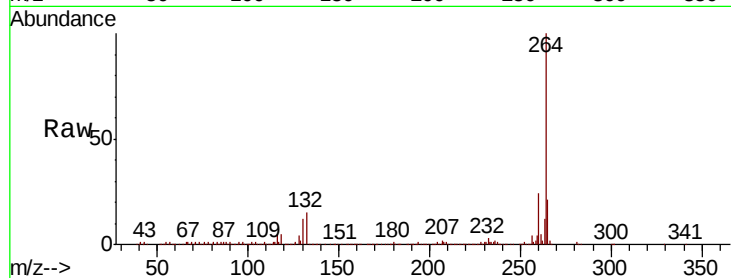
Tot Ion:264 Resp: 388619

Ion Ratio Lower Upper

264 100

260 24.3 18.3 27.5

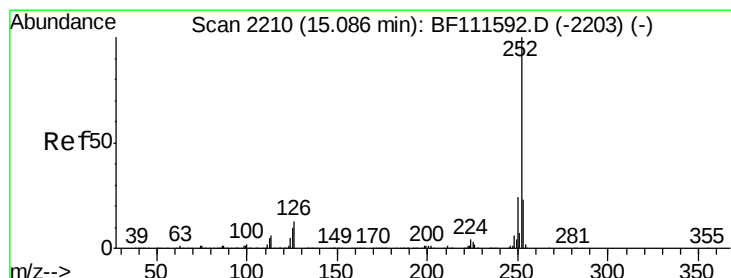
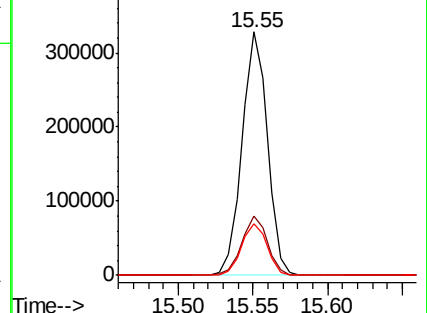
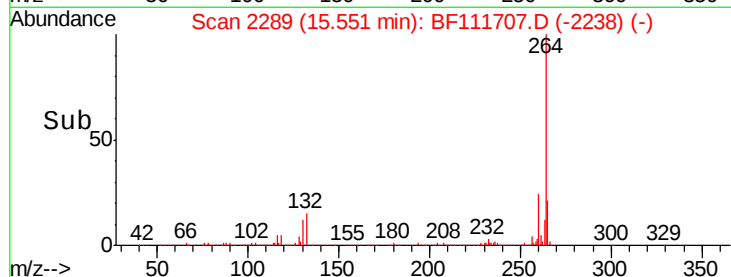
265 21.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.660 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF111707.D

Acq: 26 Dec 2018 11:05

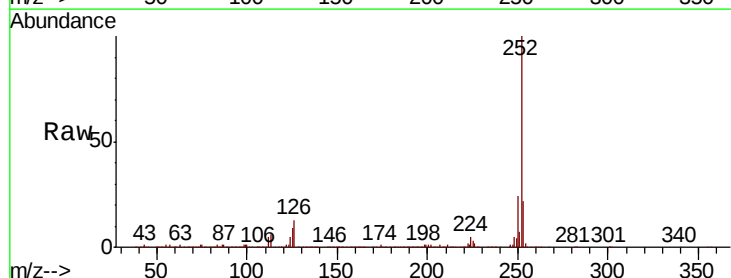
Tgt Ion:252 Resp: 923487

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

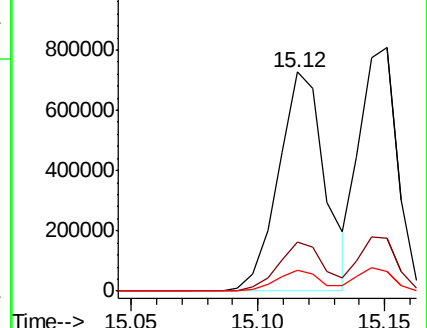
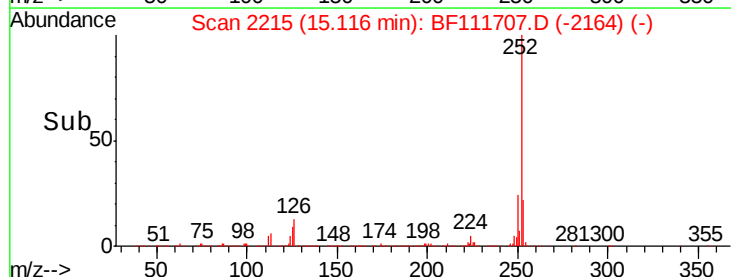
125 9.4 10.4 15.6#

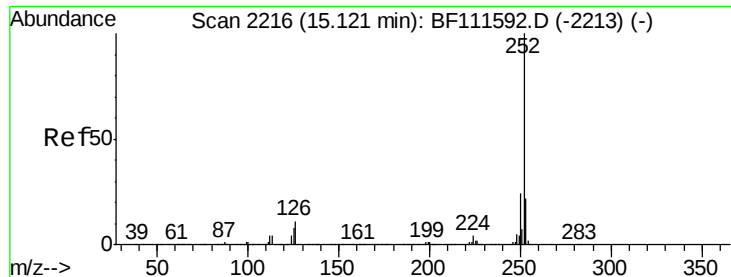


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

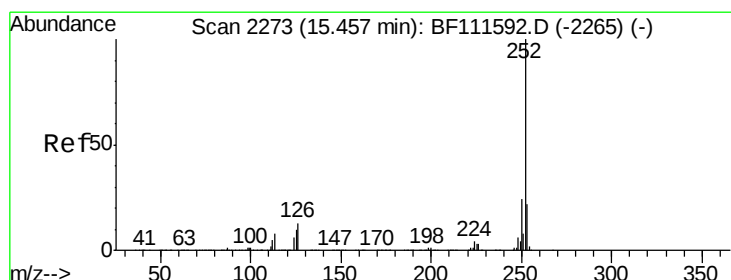
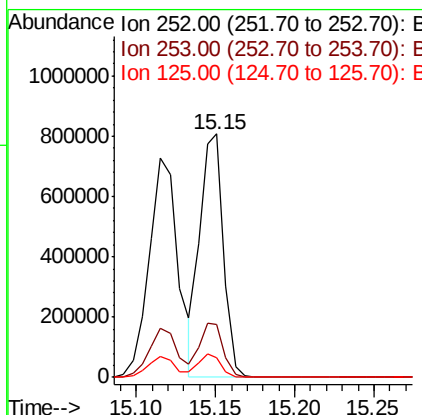
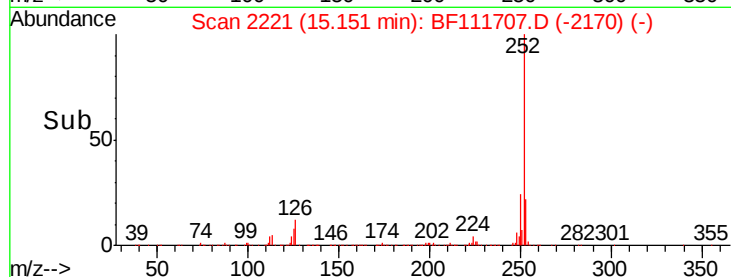
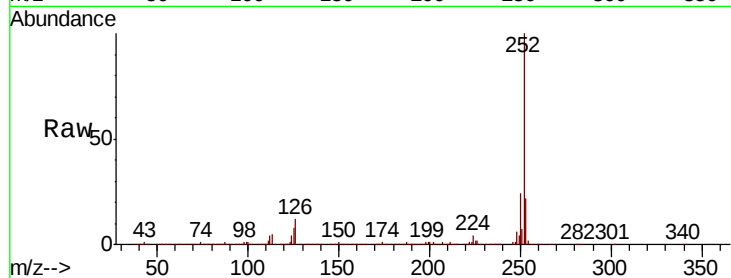




#89
Benzo(k)fluoranthene
Concen: 38.829 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

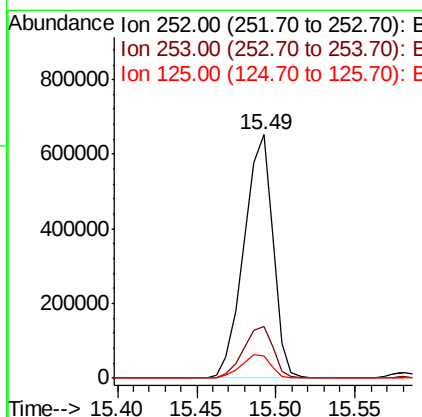
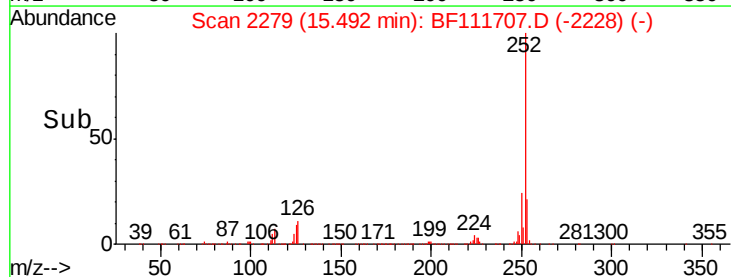
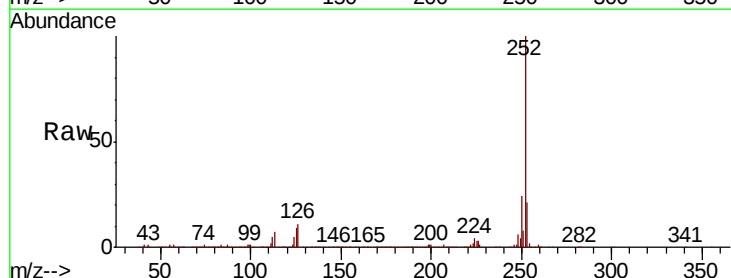
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

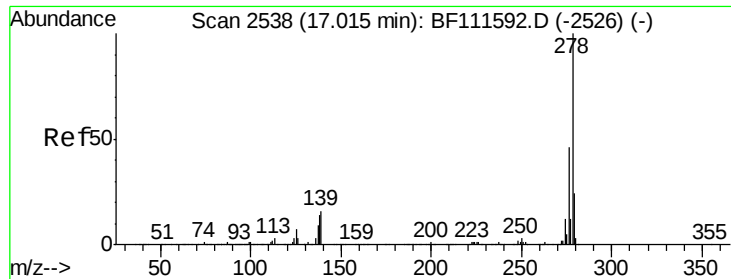
Tot Ion:252 Resp: 839606
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 8.0 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 40.148 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:252 Resp: 828420
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.2 12.3 18.5#

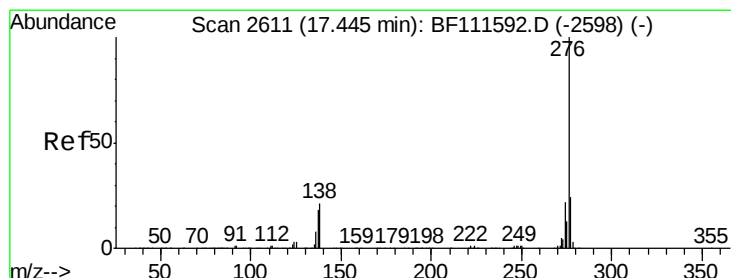
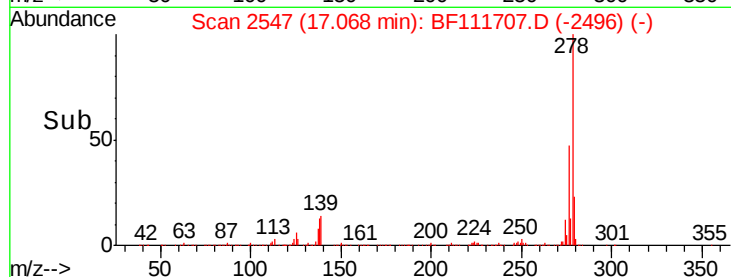
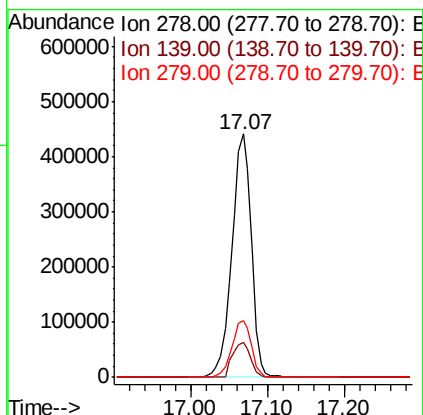
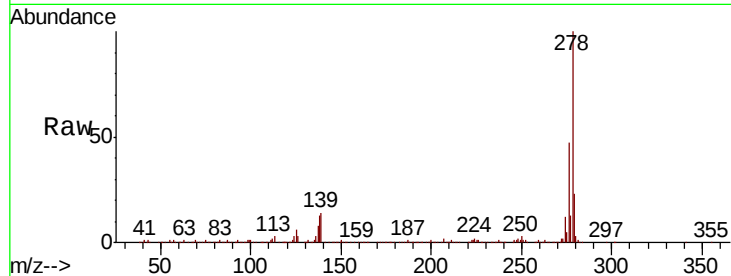




#91
Dibenzo(a,h)anthracene
Concen: 43.097 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 778721
Ion Ratio Lower Upper
278 100
139 14.3 18.2 27.4#
279 23.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.405 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BF111707.D
Acq: 26 Dec 2018 11:05

Tgt Ion:276 Resp: 765831
Ion Ratio Lower Upper
276 100
277 24.5 19.2 28.8
138 19.8 24.9 37.3#

