

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
 Data File : BF118107.D
 Acq On : 5 Dec 2019 15:52
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 06 03:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150670	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	565317	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	291245	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	526654	20.00	ng	0.00
76) Chrysene-d12	14.07	240	329062	20.00	ng	0.00
87) Perylene-d12	15.56	264	283227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	678608	79.72	ng	0.00
7) Phenol-d6	6.50	99	808644	78.76	ng	0.00
23) Nitrobenzene-d5	7.44	82	765229	80.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	262357	85.09	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1510549	93.05	ng	0.00
79) Terphenyl-d14	13.00	244	1579181	87.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	148483	37.319	ng	98
3) Pyridine	3.37	79	376281	36.053	ng	99
4) n-Nitrosodimethylamine	3.32	42	149647	32.846	ng	93
6) Aniline	6.53	93	520776	38.385	ng	99
8) 2-Chlorophenol	6.66	128	379005	41.035	ng	99
9) Benzaldehyde	6.42	77	214235	29.898	ng	98
10) Phenol	6.52	94	457128	42.848	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	333647	38.944	ng	99
12) 1,3-Dichlorobenzene	6.82	146	446553	41.067	ng	98
13) 1,4-Dichlorobenzene	6.89	146	451772	41.103	ng	98
14) 1,2-Dichlorobenzene	7.05	146	421226	40.072	ng	99
15) Benzyl Alcohol	7.02	79	317888	40.105	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	416209	31.554	ng	98
17) 2-Methylphenol	7.13	107	299631	38.308	ng	99
18) Hexachloroethane	7.39	117	165192	40.913	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	240674	37.999	ng	98
20) 3+4-Methylphenols	7.28	107	375973	38.723	ng	99
22) Acetophenone	7.29	105	516143	40.638	ng	98
24) Nitrobenzene	7.46	77	376180	38.344	ng	99
25) Isophorone	7.70	82	643230	36.904	ng	100
26) 2-Nitrophenol	7.77	139	200306	41.948	ng	100
27) 2,4-Dimethylphenol	7.81	122	271723	36.621	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	430823	38.951	ng	99
29) 2,4-Dichlorophenol	8.02	162	319221	39.662	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	379744	40.676	ng	99
31) Naphthalene	8.19	128	1102869	41.847	ng	100
32) Benzoic acid	7.93	122	232799	37.471	ng	98
33) 4-Chloroaniline	8.23	127	467727	39.643	ng	97
34) Hexachlorobutadiene	8.30	225	225603	41.332	ng	98
35) Caprolactam	8.60	113	94970	37.128	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	323318	39.583	ng	99
37) 2-Methylnaphthalene	8.87	142	738628	41.480	ng	99
38) 1-Methylnaphthalene	8.97	142	694886	41.277	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	353348	41.777	ng	99

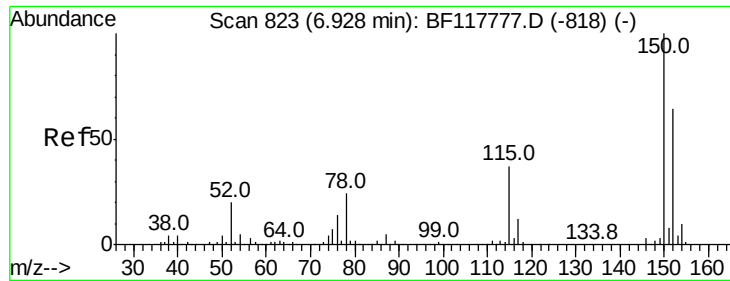
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
 Data File : BF118107.D
 Acq On : 5 Dec 2019 15:52
 Operator : JU
 Sample : SSTDCCC040
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Quant Time: Dec 06 03:32:58 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	146456	30.899	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	231426	38.201	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	237485	37.756	ng	98
46) 1,1'-Biphenyl	9.34	154	910135	42.121	ng	99
47) 2-Chloronaphthalene	9.37	162	721343	40.580	ng	98
48) 2-Nitroaniline	9.46	65	197212	36.748	ng	97
49) Acenaphthylene	9.79	152	1066245	41.142	ng	99
50) Dimethylphthalate	9.64	163	819117	40.107	ng	99
51) 2,6-Dinitrotoluene	9.70	165	177536	39.774	ng	94
52) Acenaphthene	9.96	154	637684	38.411	ng	98
53) 3-Nitroaniline	9.87	138	207353	38.823	ng	100
54) 2,4-Dinitrophenol	9.99	184	73181	36.252	ng	98
55) Dibenzofuran	10.13	168	946867	41.187	ng	99
56) 4-Nitrophenol	10.03	139	138017	34.619	ng	98
57) 2,4-Dinitrotoluene	10.11	165	233861	41.187	ng	# 86
58) Fluorene	10.47	166	742446	41.675	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	192707	37.287	ng	99
60) Diethylphthalate	10.34	149	809223	40.641	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	378401	41.854	ng	97
62) 4-Nitroaniline	10.49	138	209747	39.222	ng	98
63) Azobenzene	10.63	77	700031	38.644	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	104743	42.603	ng	83
66) n-Nitrosodiphenylamine	10.58	169	649890	42.401	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	238608	41.990	ng	95
68) Hexachlorobenzene	11.03	284	273223	41.234	ng	95
69) Atrazine	11.11	200	179049	35.512	ng	98
70) Pentachlorophenol	11.22	266	127700	32.987	ng	99
71) Phenanthrene	11.44	178	1090685	41.191	ng	100
72) Anthracene	11.49	178	1082981	41.252	ng	100
73) Carbazole	11.65	167	961025	41.891	ng	99
74) Di-n-butylphthalate	11.97	149	1214732	42.527	ng	100
75) Fluoranthene	12.63	202	1061236	43.814	ng	100
77) Benzidine	12.75	184	396462	36.782	ng	98
78) Pyrene	12.86	202	1067300	40.134	ng	100
80) Butylbenzylphthalate	13.48	149	470359	41.181	ng	98
81) Benzo(a)anthracene	14.06	228	873366	40.164	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	293300	38.561	ng	97
83) Chrysene	14.09	228	839630	39.848	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	593665	42.872	ng	98
85) Di-n-octyl phthalate	14.66	149	874789	43.002	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	692831	38.634	ng	99
88) Benzo(b)fluoranthene	15.12	252	700593	38.073	ng	99
89) Benzo(k)fluoranthene	15.15	252	707859	40.826	ng	99
90) Benzo(a)pyrene	15.50	252	640409	39.578	ng	98
91) Dibenzo(a,h)anthracene	17.09	278	566810	40.698	ng	99
92) Benzo(g,h,i)perylene	17.53	276	560909	40.435	ng	98

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

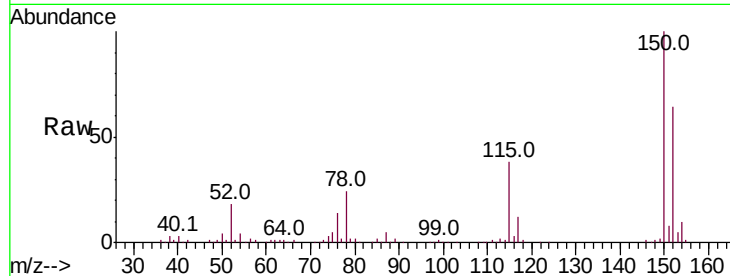


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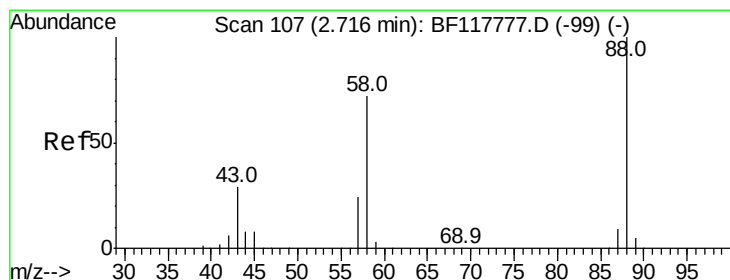
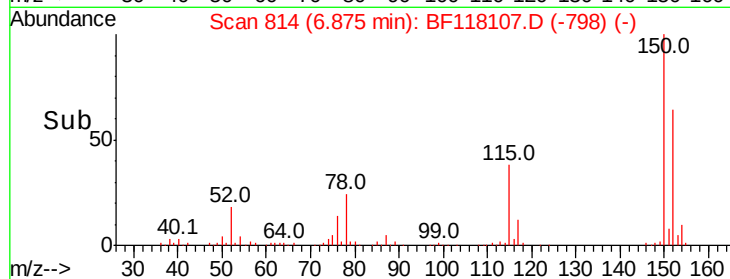
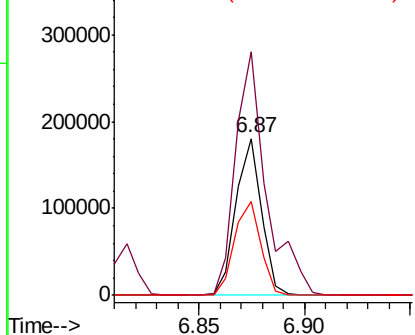
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 150670
Ion Ratio Lower Upper
152 100
150 155.3 121.4 182.2
115 59.6 48.8 73.2



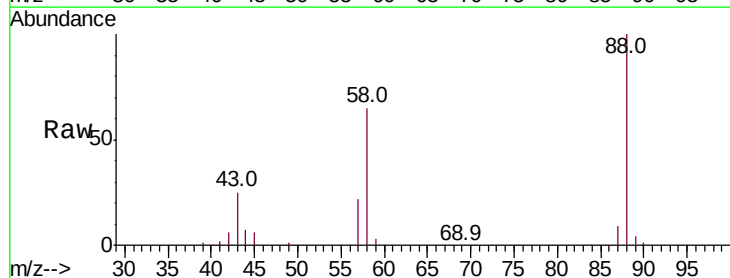
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



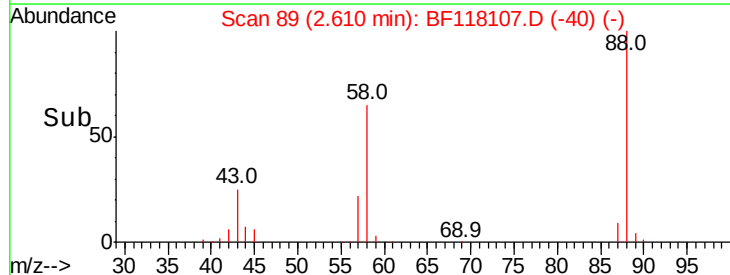
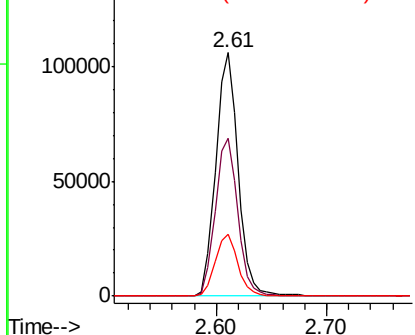
#2

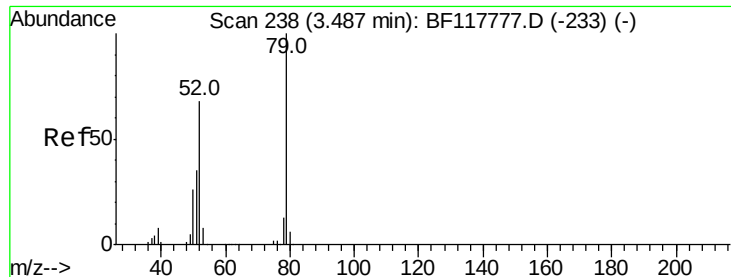
1,4-Dioxane
Concen: 37.319 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion: 88 Resp: 148483
Ion Ratio Lower Upper
88 100
58 64.9 52.6 78.8
43 25.6 21.8 32.6



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: 36.053 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

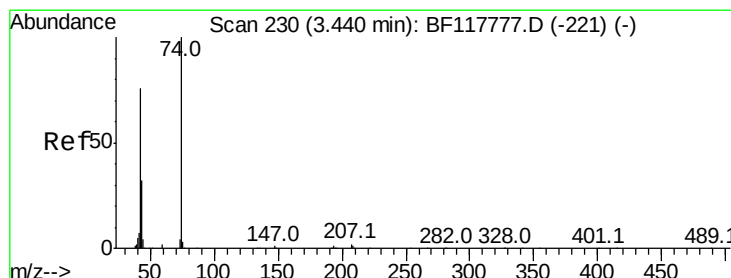
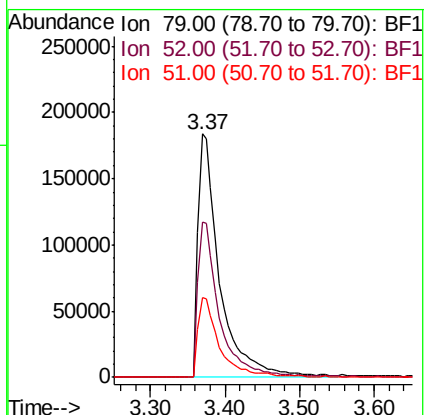
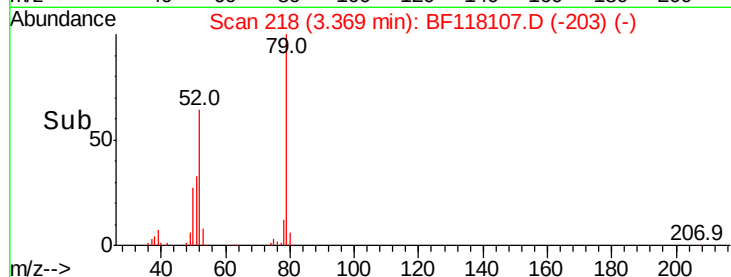
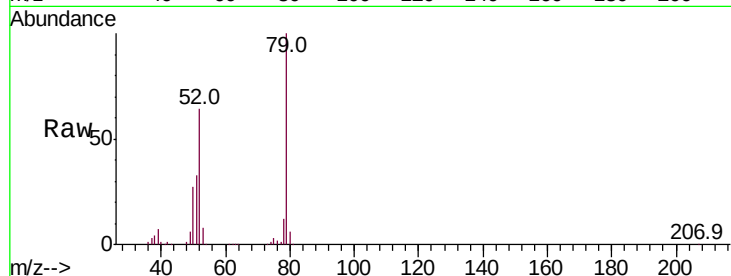
Tot Ion: 79 Resp: 376281

Ion Ratio Lower Upper

79 100

52 63.7 50.6 75.8

51 32.9 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 32.846 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

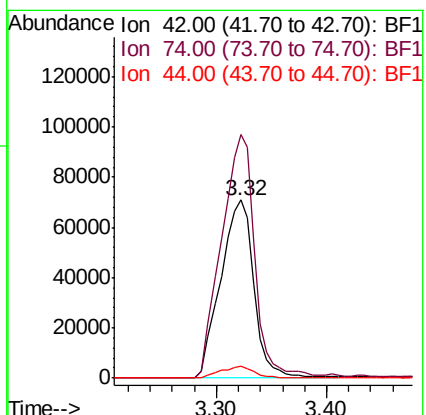
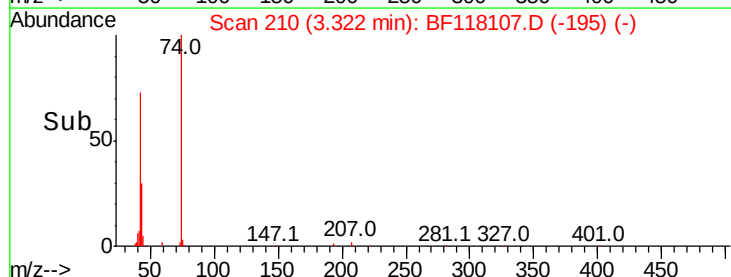
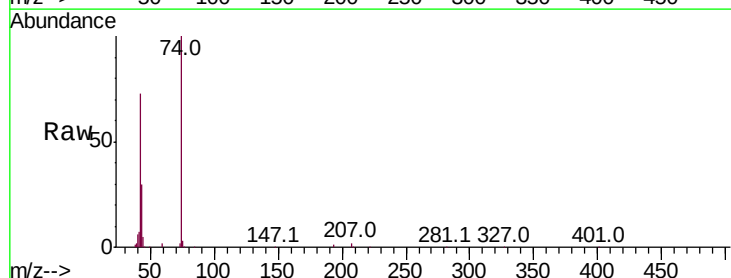
Tgt Ion: 42 Resp: 149647

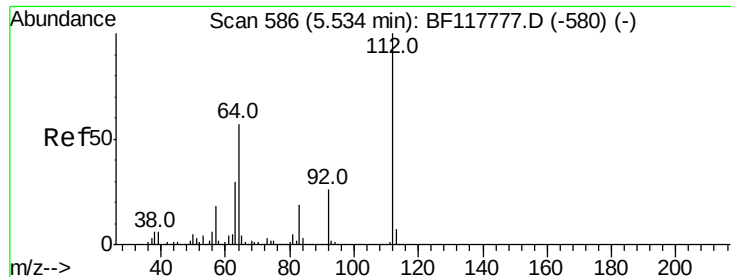
Ion Ratio Lower Upper

42 100

74 137.0 102.8 154.2

44 6.5 4.7 7.1





#5

2-Fluorophenol

Concen: 79.724 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

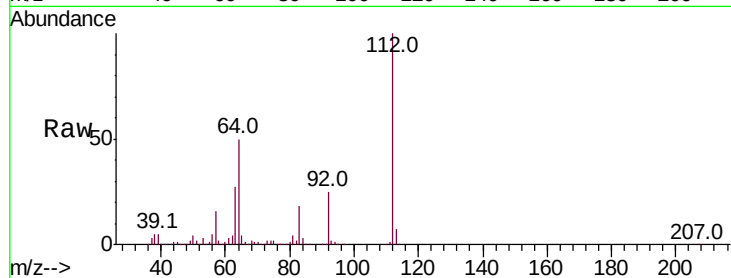
Tot Ion:112 Resp: 678608

Ion Ratio Lower Upper

112 100

64 50.3 45.1 67.7

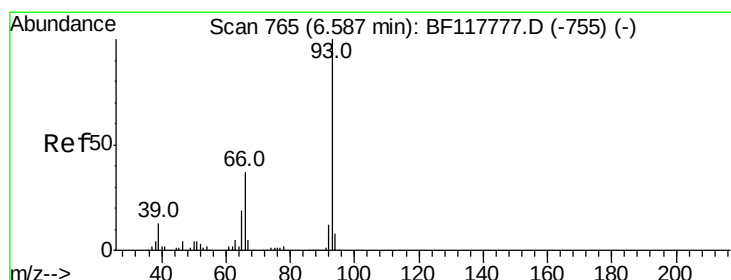
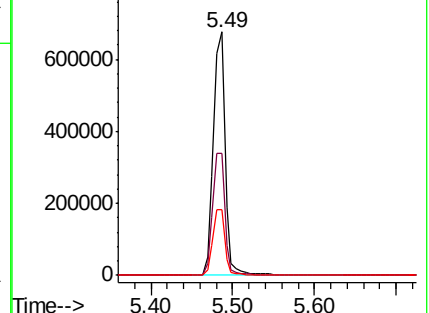
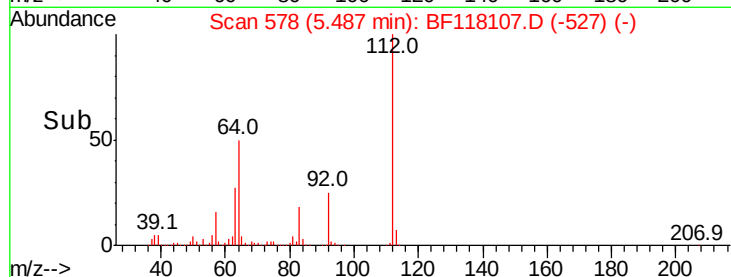
63 27.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.385 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

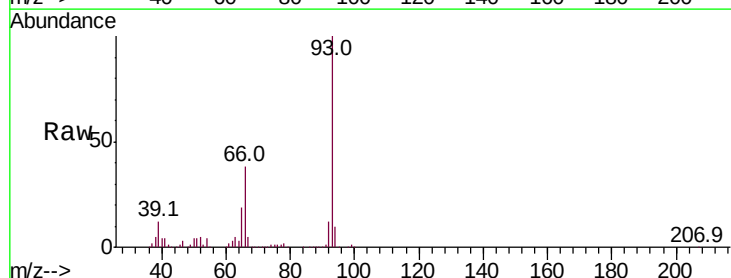
Tgt Ion: 93 Resp: 520776

Ion Ratio Lower Upper

93 100

66 38.2 31.0 46.6

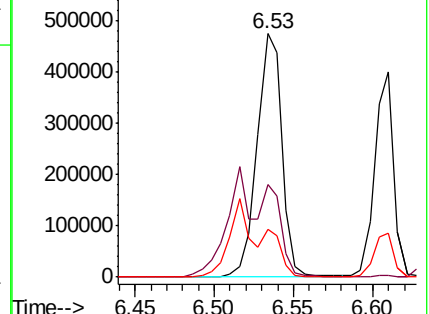
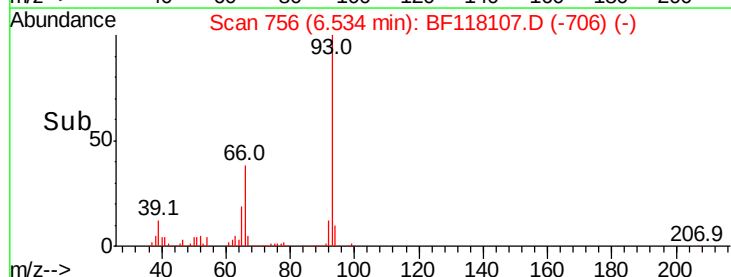
65 19.4 15.8 23.8

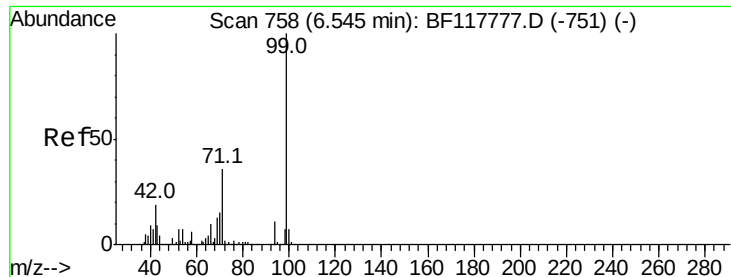


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.763 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

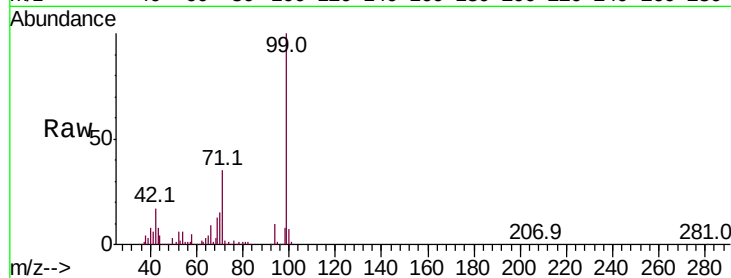
Tot Ion: 99 Resp: 808644

Ion Ratio Lower Upper

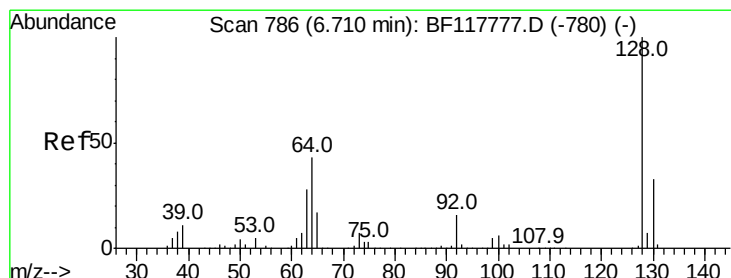
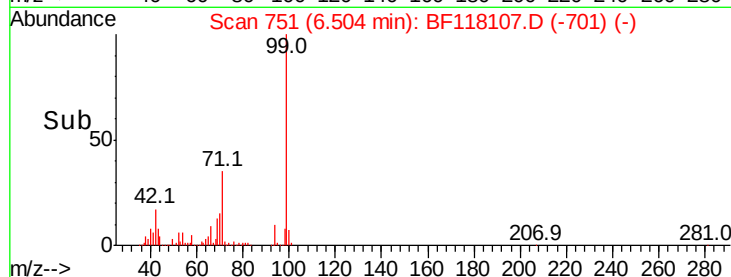
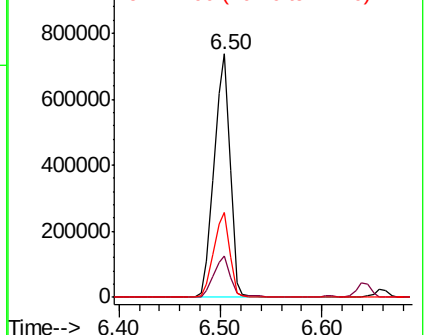
99 100

42 16.9 14.0 21.0

71 34.9 29.2 43.8



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



#8

2-Chlorophenol

Concen: 41.035 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

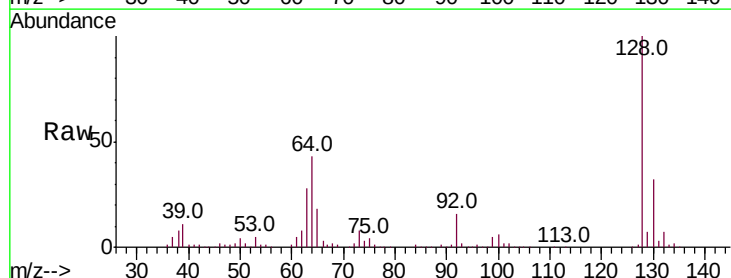
Tgt Ion:128 Resp: 379005

Ion Ratio Lower Upper

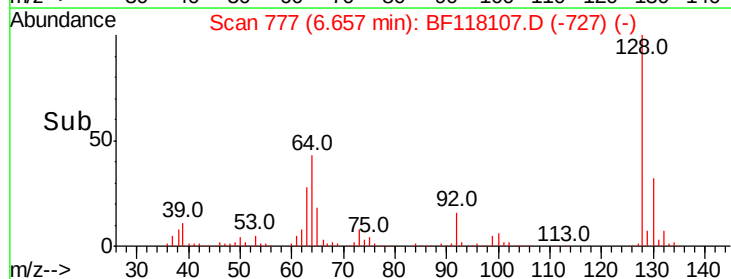
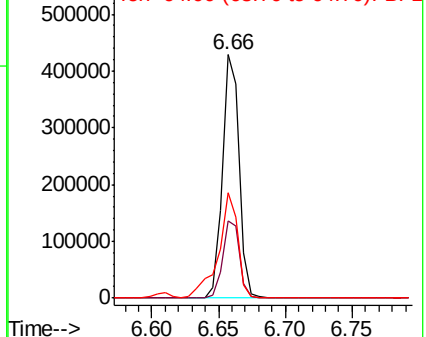
128 100

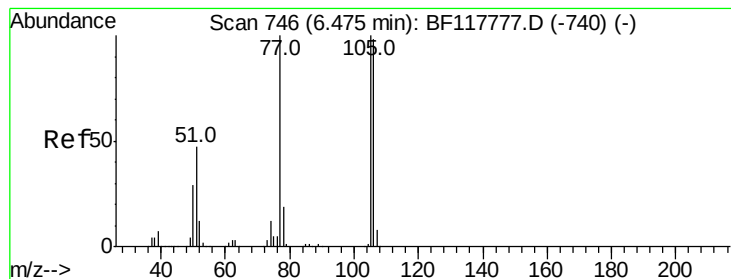
130 31.6 12.4 52.4

64 43.2 23.2 63.2



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: 29.898 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

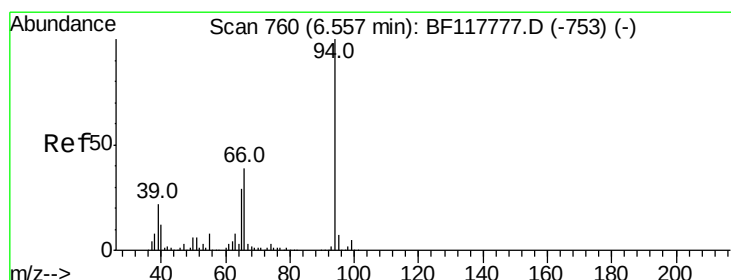
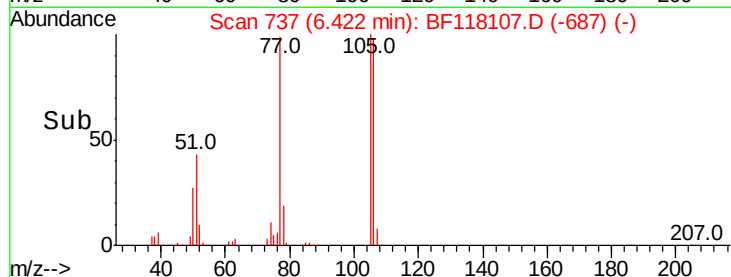
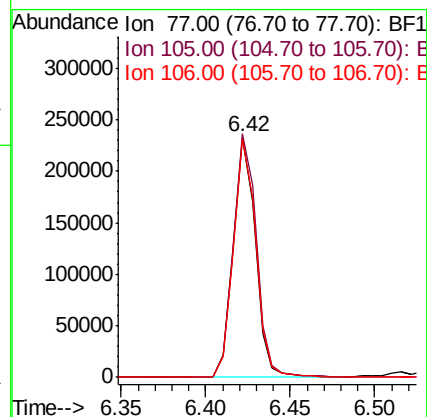
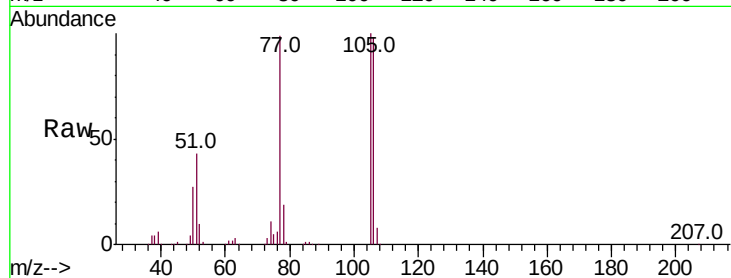
Tot Ion: 77 Resp: 214235

Ion Ratio Lower Upper

77 100

105 101.4 83.3 123.3

106 99.6 80.9 120.9



#10

Phenol

Concen: 42.848 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

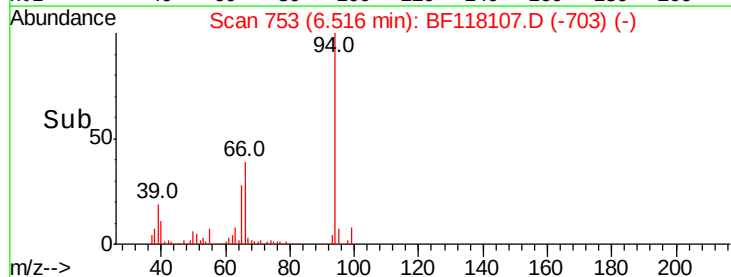
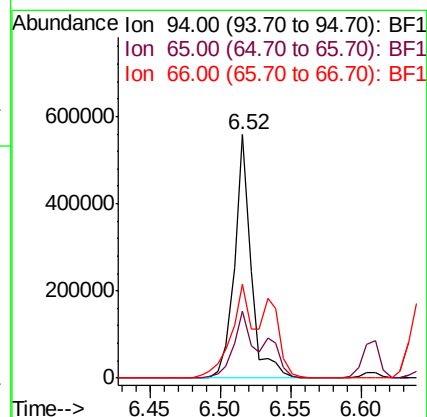
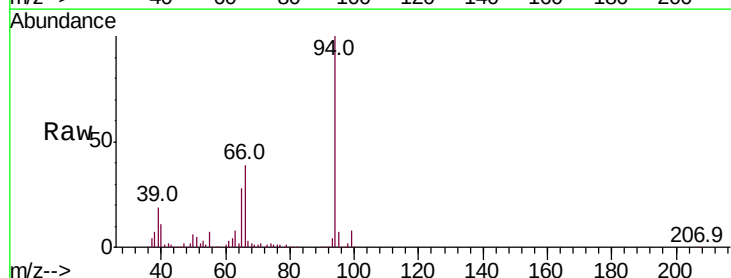
Tgt Ion: 94 Resp: 457128

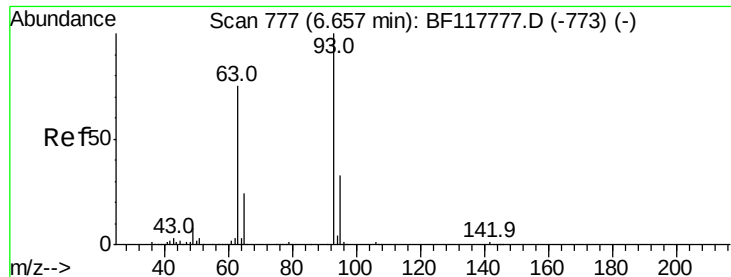
Ion Ratio Lower Upper

94 100

65 27.5 6.9 46.9

66 38.7 18.6 58.6

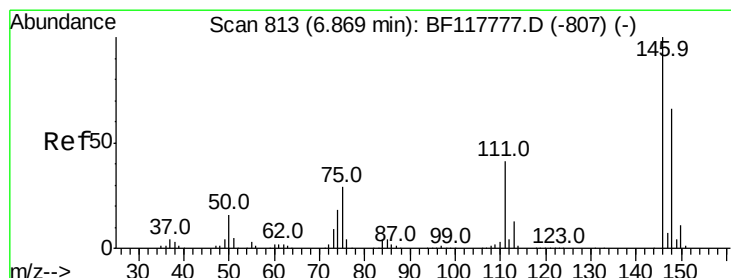
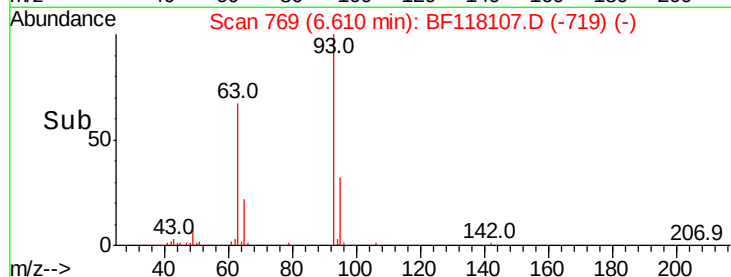
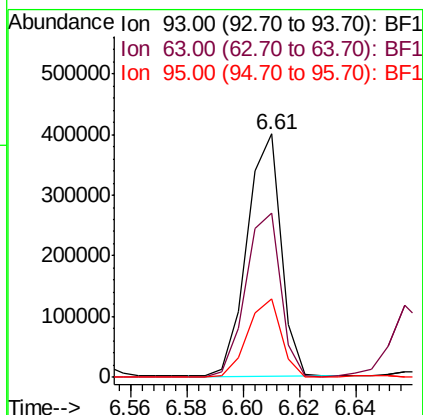
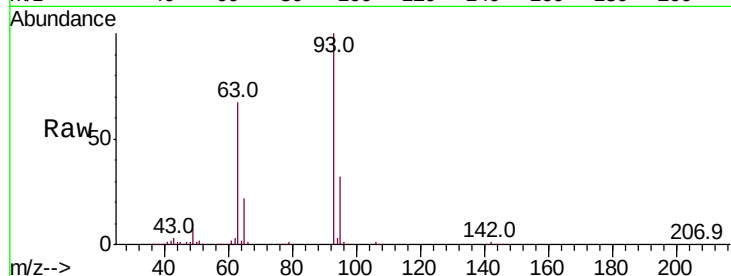




#11
bis(2-Chloroethyl)ether
Concen: 38.944 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

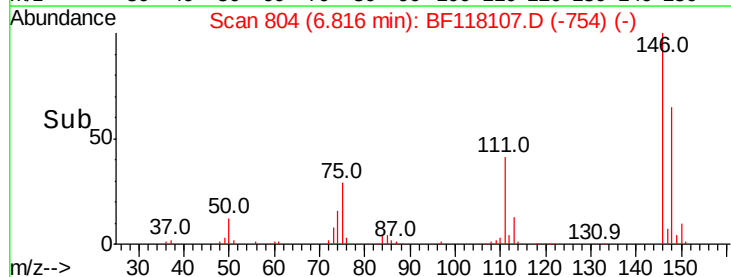
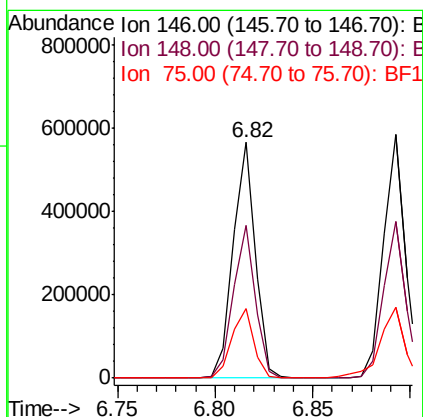
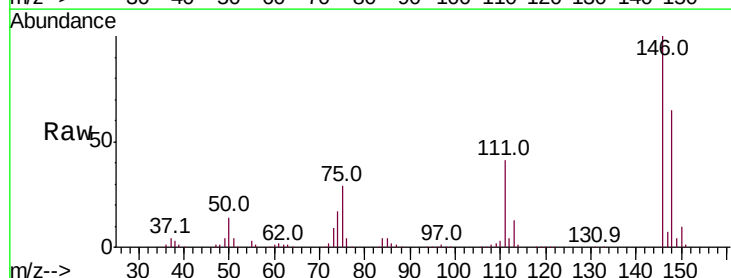
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

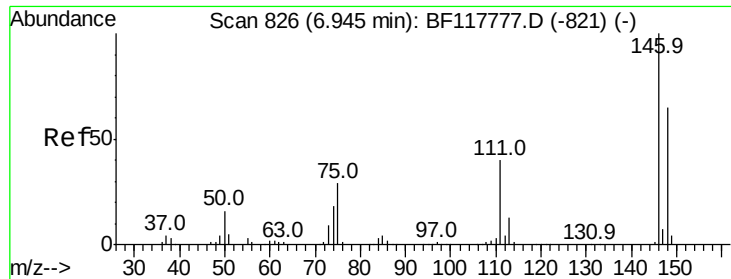
Tot Ion: 93 Resp: 333647
Ion Ratio Lower Upper
93 100
63 67.4 46.8 86.8
95 32.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 41.067 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion: 146 Resp: 446553
Ion Ratio Lower Upper
146 100
148 64.7 52.7 79.1
75 29.4 24.5 36.7

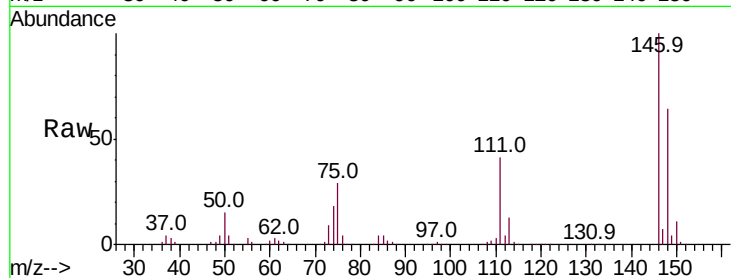




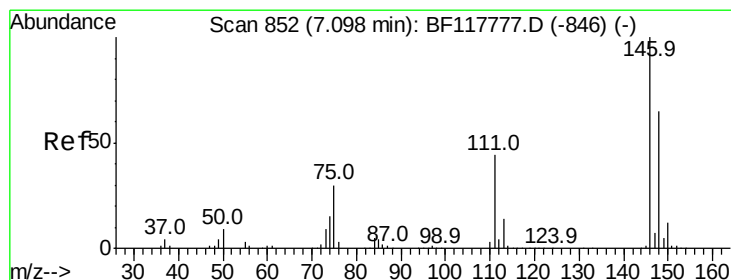
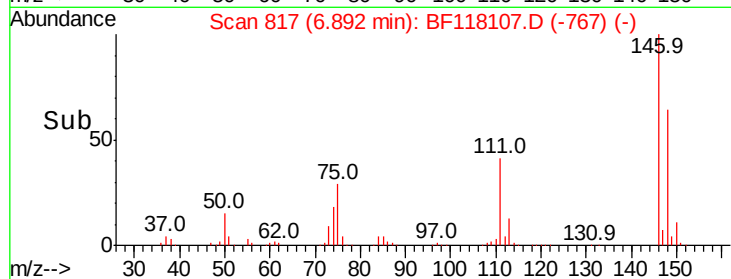
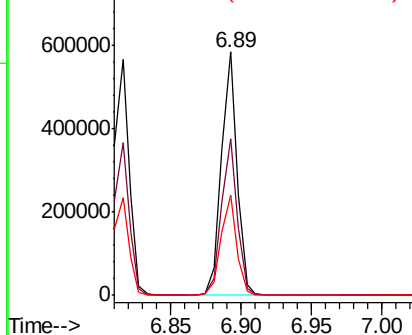
#13
 1,4-Dichlorobenzene
 Concen: 41.103 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 451772
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.2 34.6 51.8

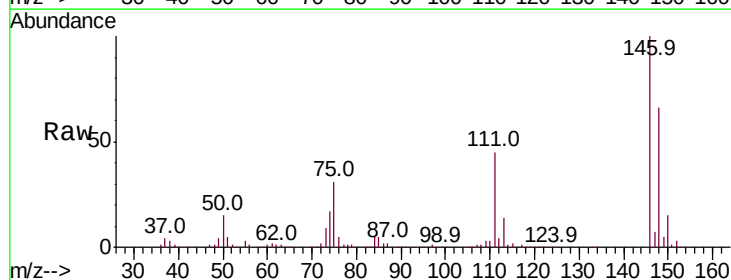


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

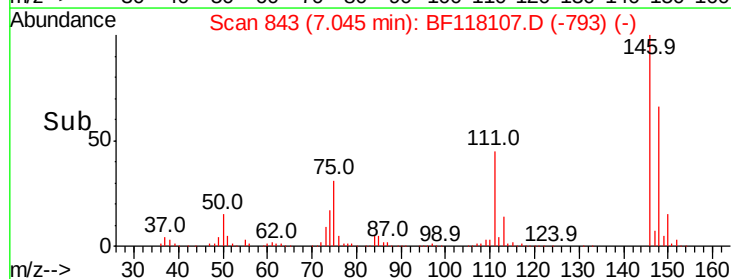
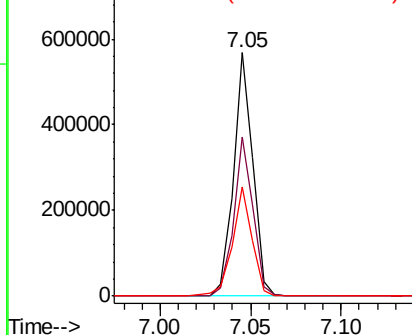


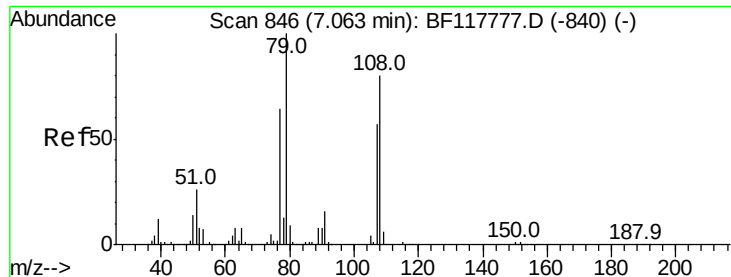
#14
 1,2-Dichlorobenzene
 Concen: 40.072 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:146 Resp: 421226
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.6 77.4
 111 44.7 35.8 53.8



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





#15

Benzyl Alcohol

Concen: 40.105 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

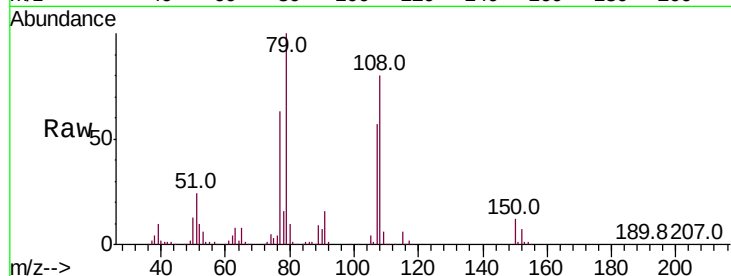
Tot Ion: 79 Resp: 317888

Ion Ratio Lower Upper

79 100

108 80.1 63.1 94.7

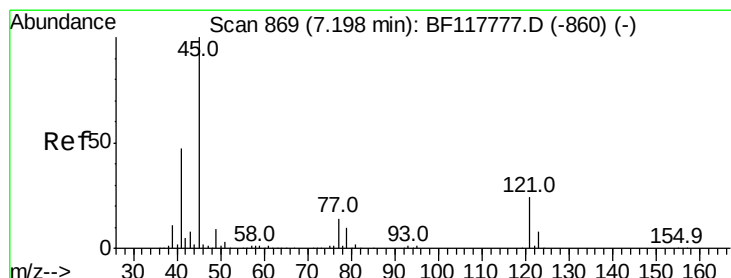
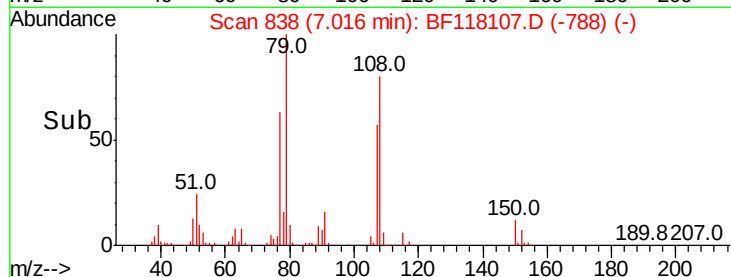
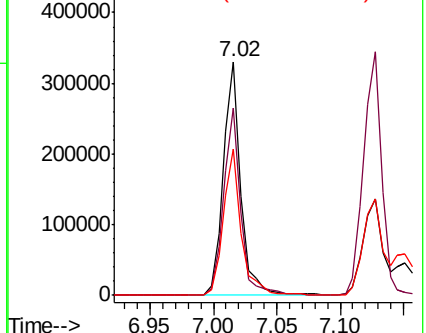
77 62.7 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.554 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

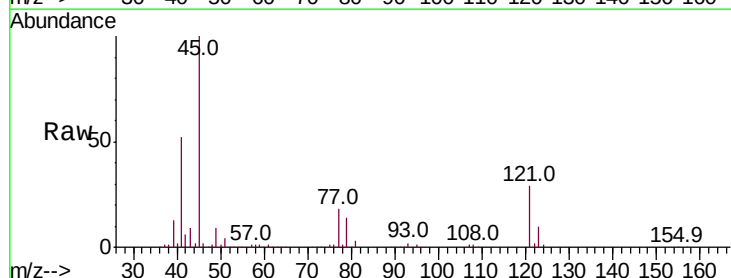
Tgt Ion: 45 Resp: 416209

Ion Ratio Lower Upper

45 100

77 17.7 0.0 36.8

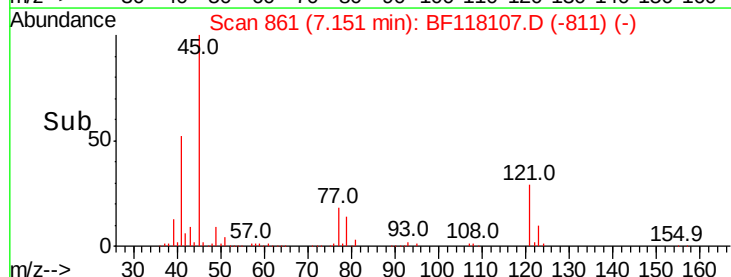
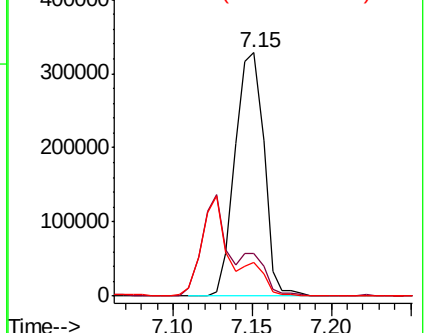
79 13.9 0.0 33.5

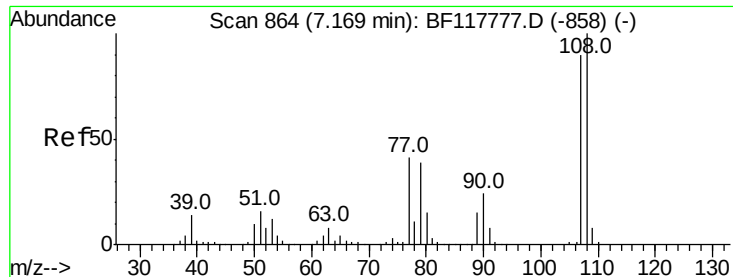


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

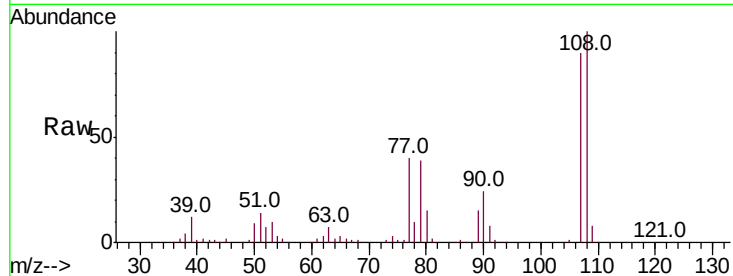




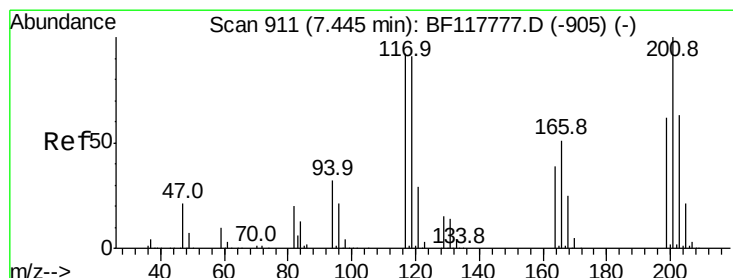
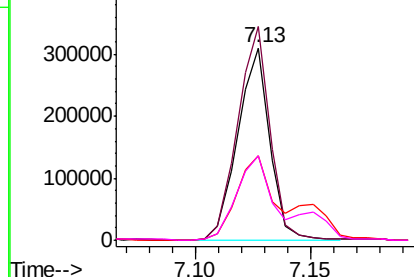
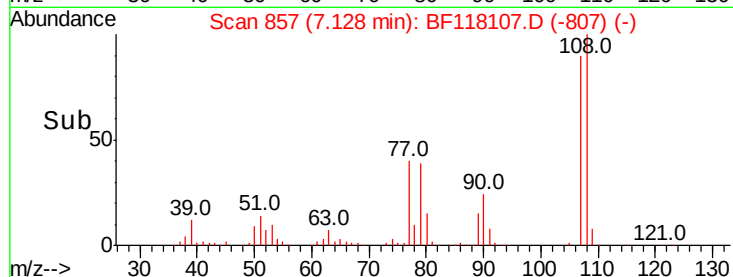
#17
2-Methylphenol
Concen: 38.308 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 299631
Ion Ratio Lower Upper
107 100
108 111.0 89.8 134.8
77 44.0 35.0 52.6
79 43.8 35.0 52.6

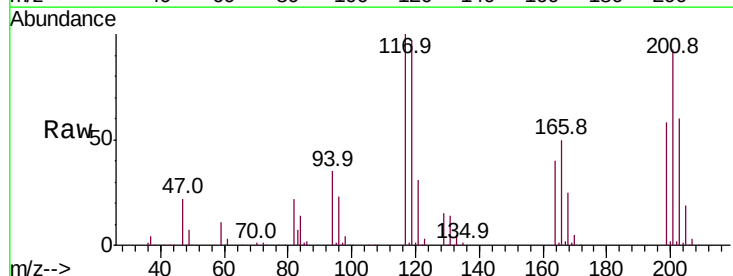


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

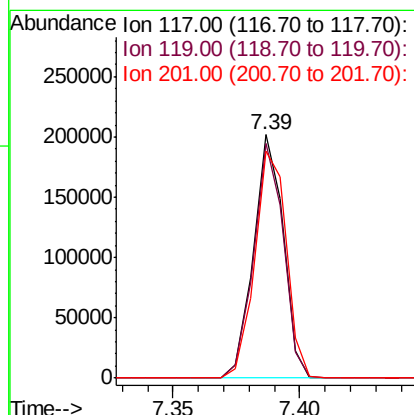
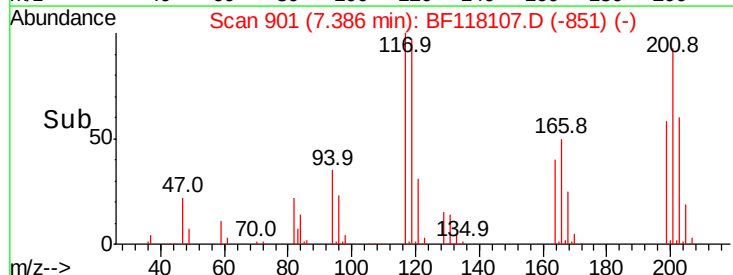


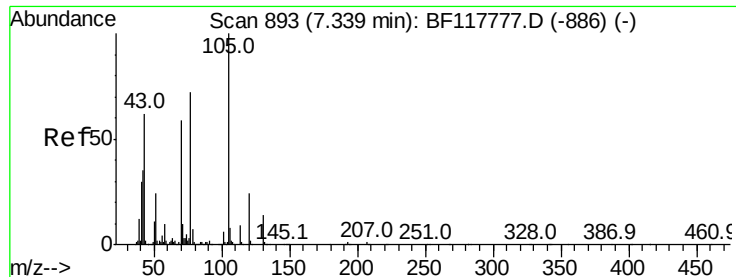
#18
Hexachloroethane
Concen: 40.913 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion:117 Resp: 165192
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
201 93.3 71.7 107.5



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: 37.999 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 240674

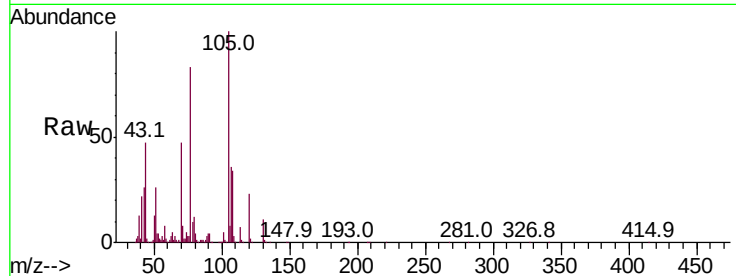
Ion Ratio Lower Upper

70 100

42 55.7 46.0 69.0

101 9.9 8.8 13.2

130 23.6 19.8 29.6

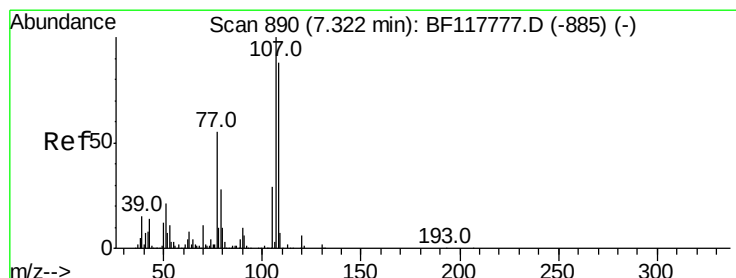
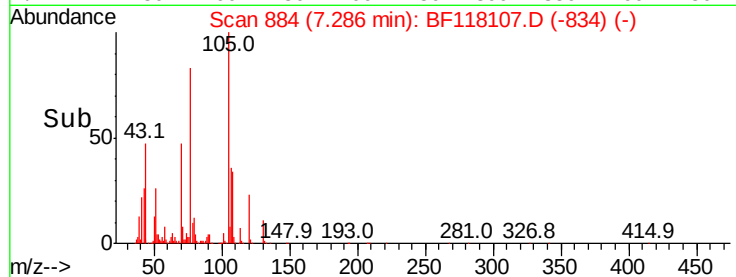
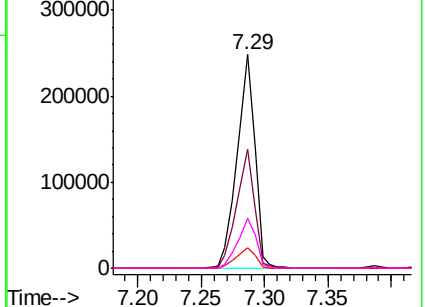


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.723 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Tgt Ion: 107 Resp: 375973

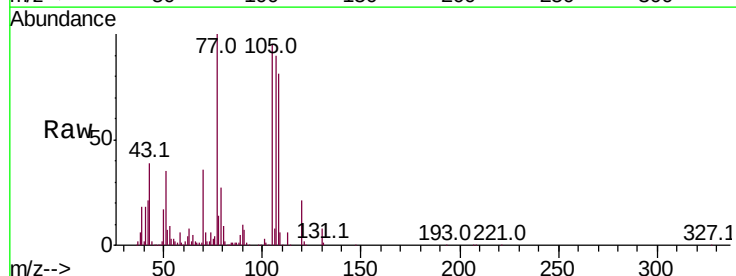
Ion Ratio Lower Upper

107 100

108 90.0 71.9 111.9

77 111.6 91.6 131.6

79 29.9 11.3 51.3

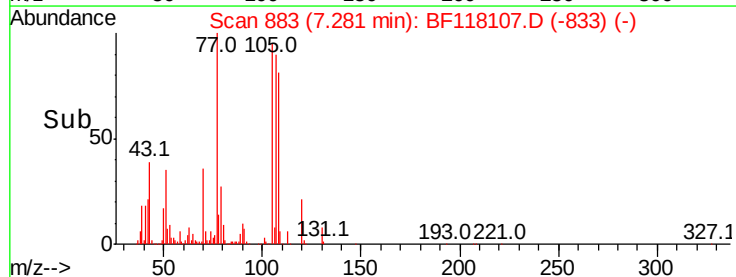
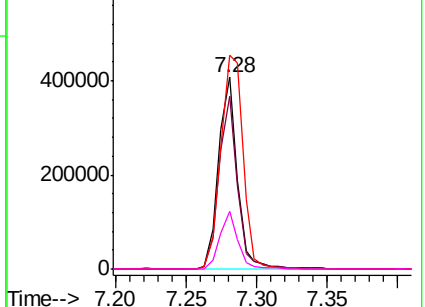


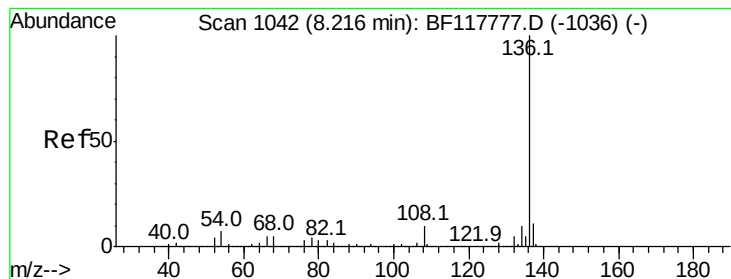
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 565317

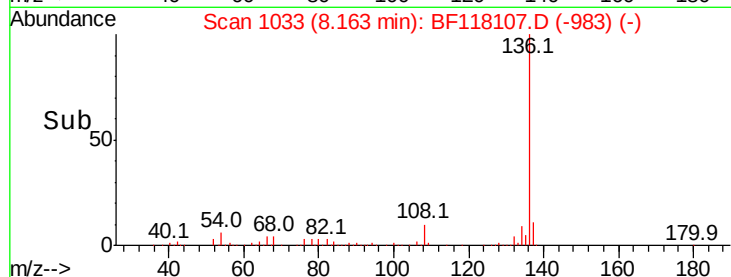
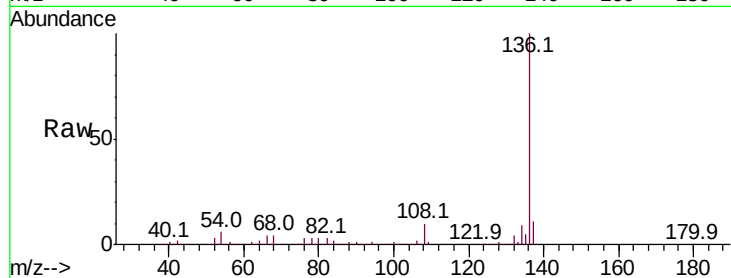
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.0 4.9 7.3

68 4.5 3.6 5.4

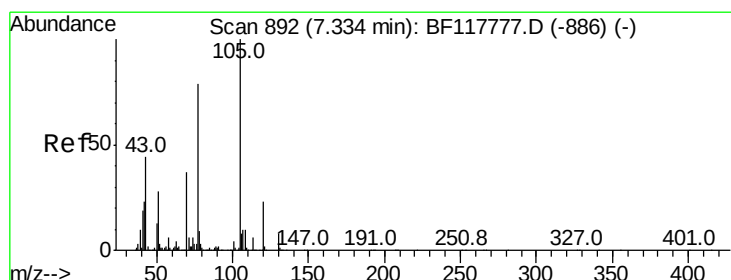
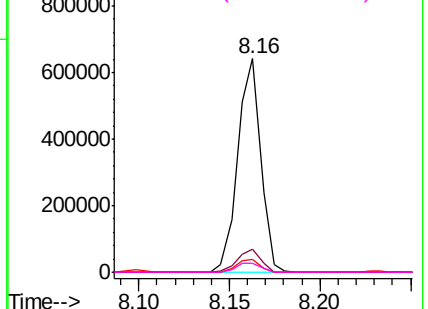


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.638 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Tgt Ion:105 Resp: 516143

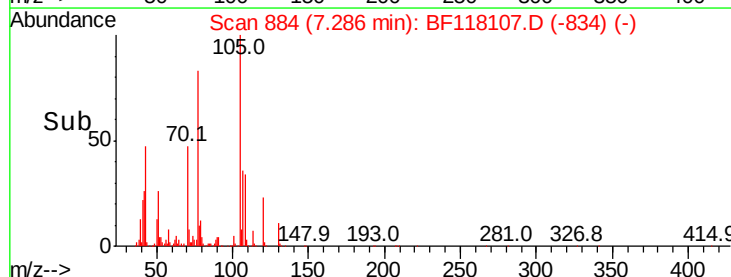
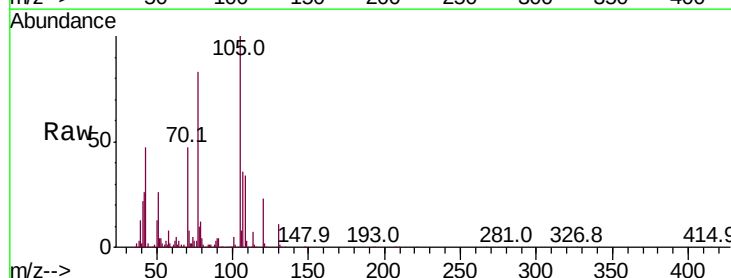
Ion Ratio Lower Upper

105 100

71 8.1 5.9 8.9

51 26.3 20.2 30.2

120 22.7 17.9 26.9

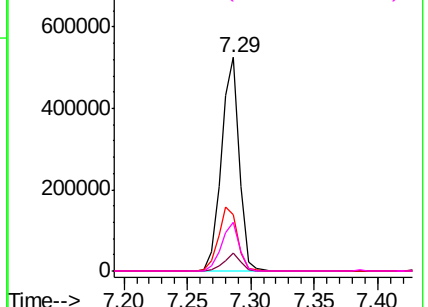


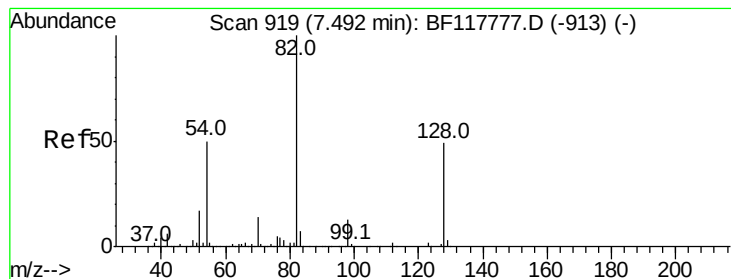
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.468 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

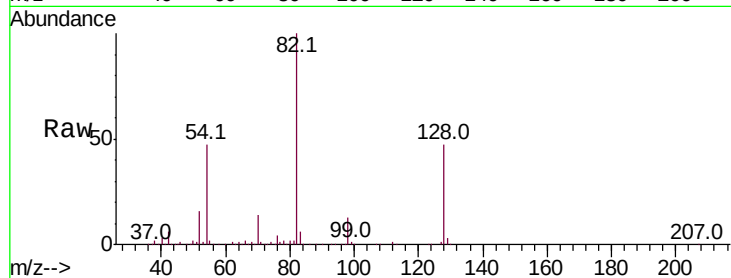
Tot Ion: 82 Resp: 765229

Ion Ratio Lower Upper

82 100

128 46.9 38.2 57.4

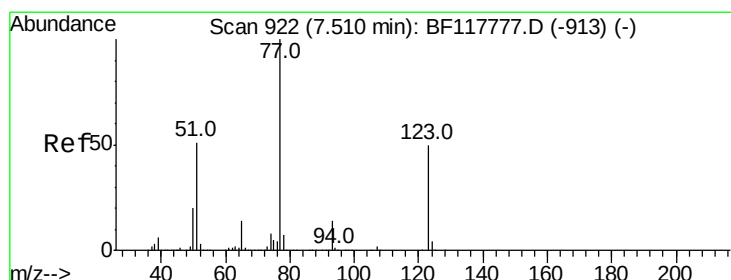
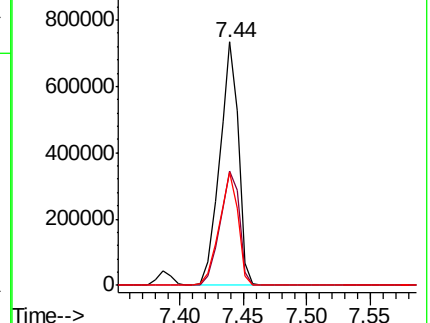
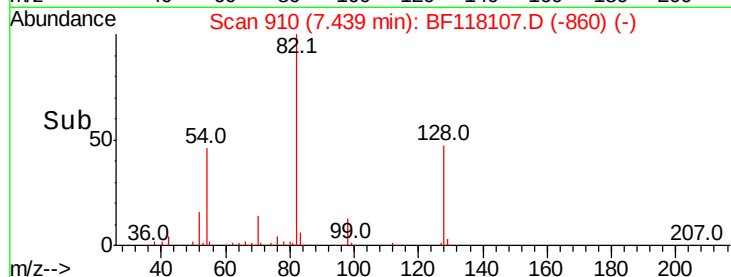
54 46.5 39.0 58.4



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: 38.344 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

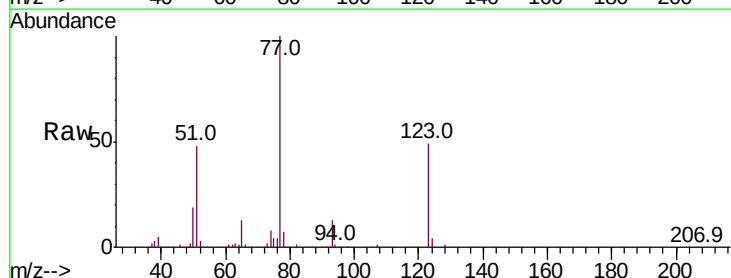
Tgt Ion: 77 Resp: 376180

Ion Ratio Lower Upper

77 100

123 48.6 38.2 57.2

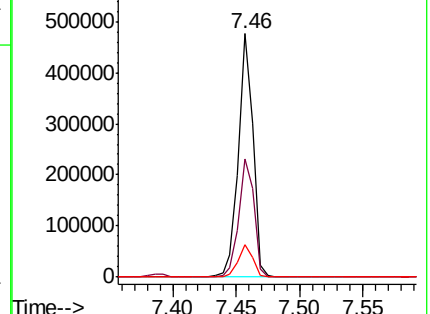
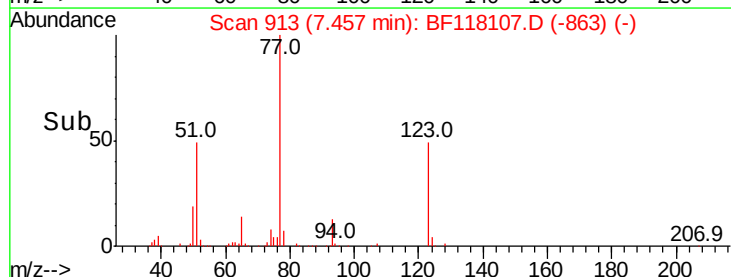
65 13.4 11.1 16.7

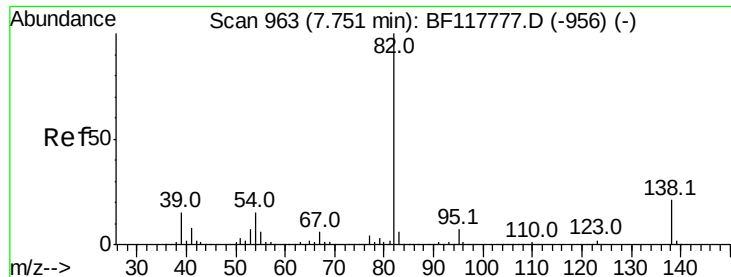


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.904 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

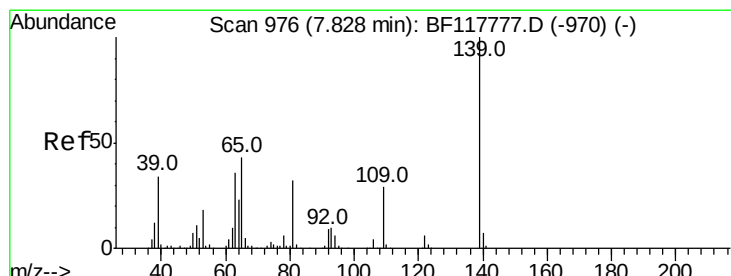
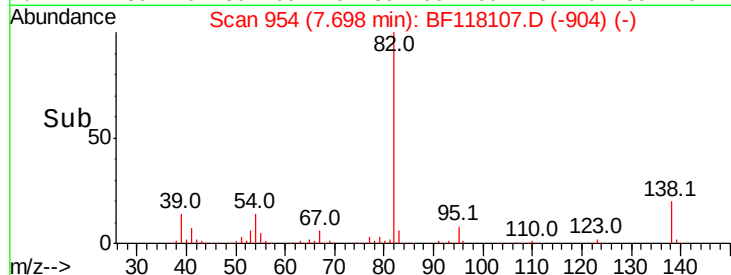
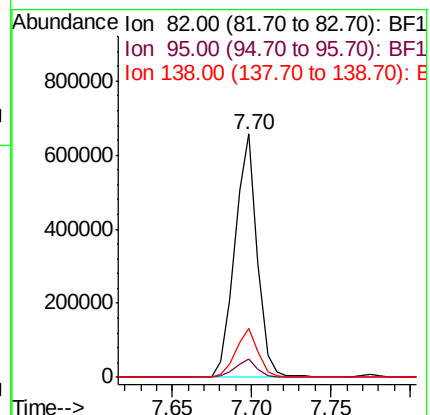
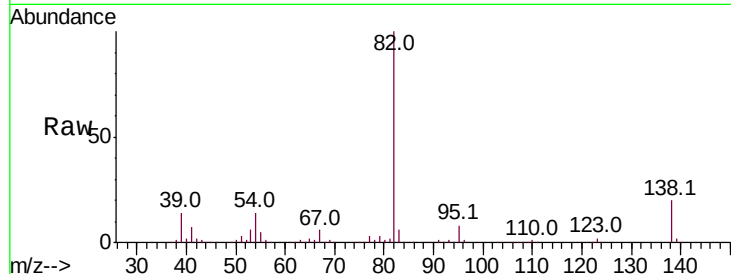
Tot Ion: 82 Resp: 643230

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 20.2 15.9 23.9



#26

2-Nitrophenol

Concen: 41.948 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

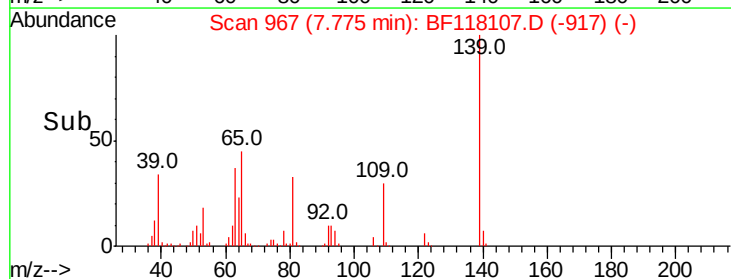
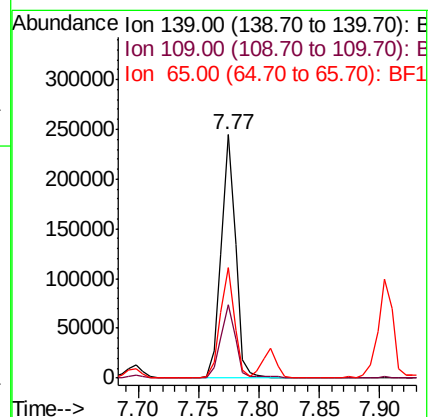
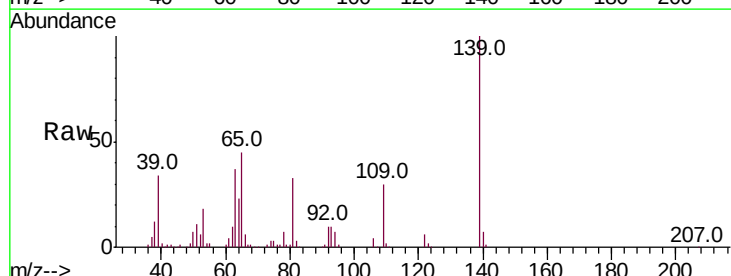
Tgt Ion: 139 Resp: 200306

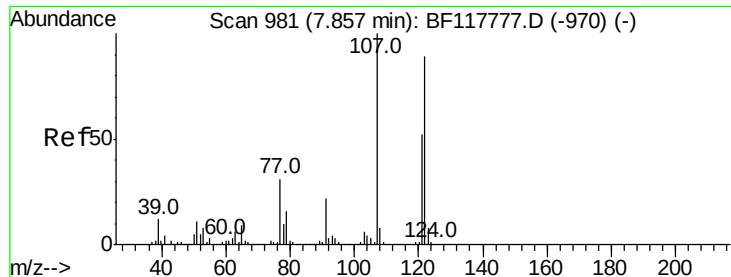
Ion Ratio Lower Upper

139 100

109 30.1 23.8 35.6

65 45.1 36.2 54.4





#27

2,4-Dimethylphenol

Concen: 36.621 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

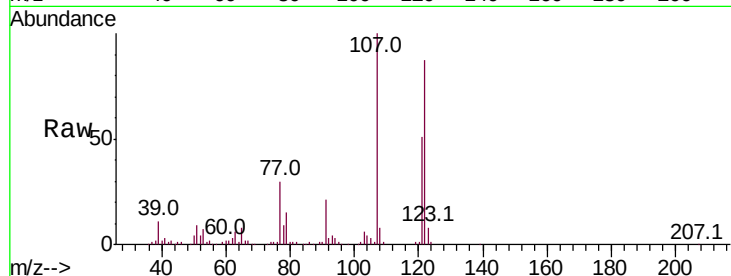
Tot Ion:122 Resp: 271723

Ion Ratio Lower Upper

122 100

107 115.0 92.6 138.8

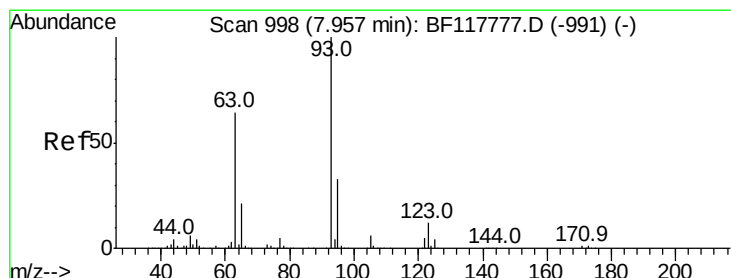
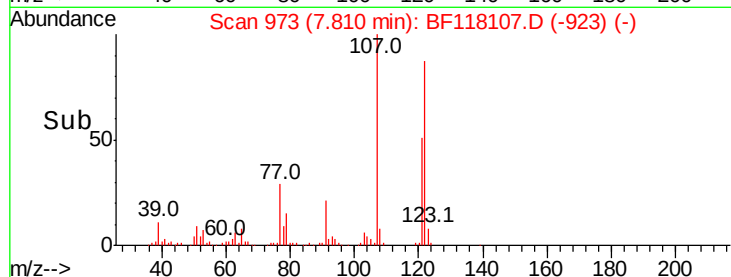
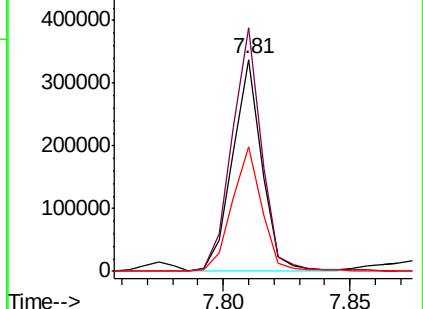
121 58.8 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.951 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

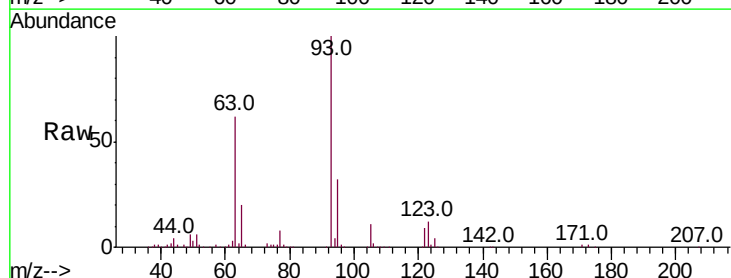
Tgt Ion: 93 Resp: 430823

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

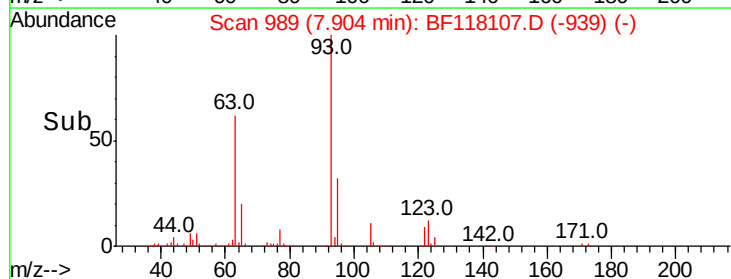
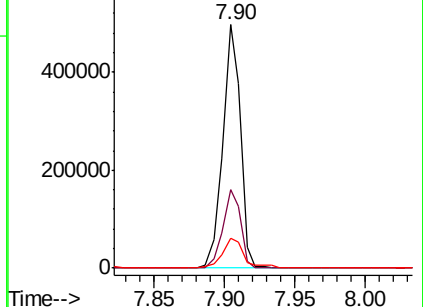
123 12.3 10.2 15.4

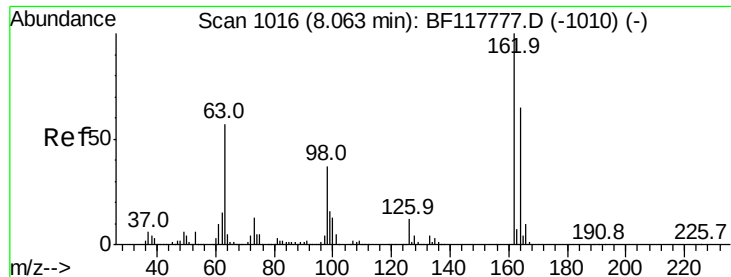


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

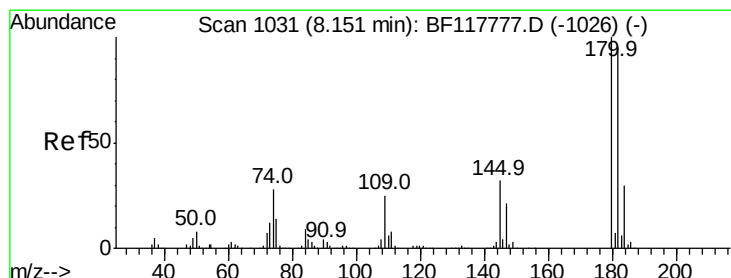
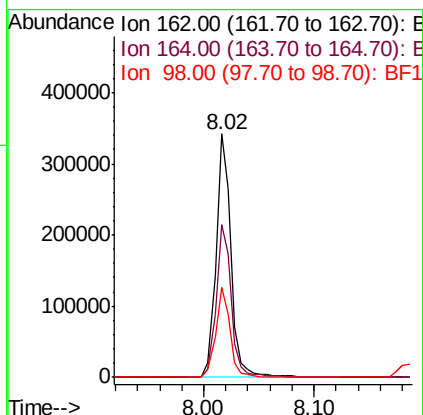
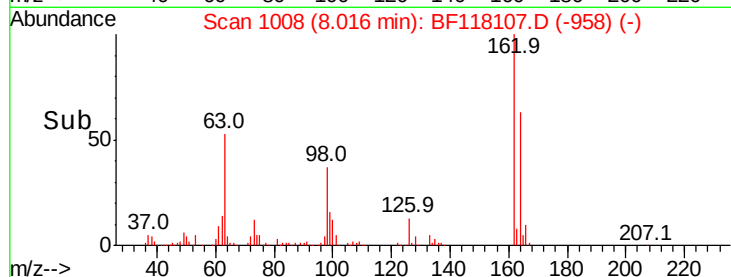
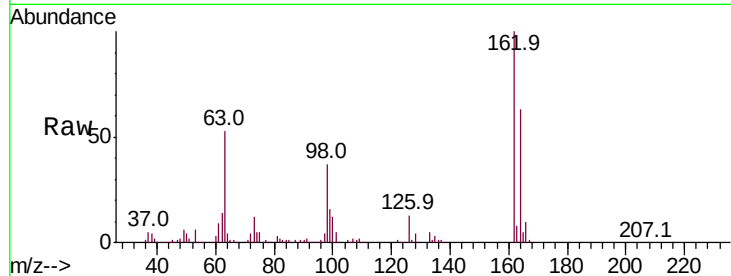




#29
 2,4-Dichlorophenol
 Concen: 39.662 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

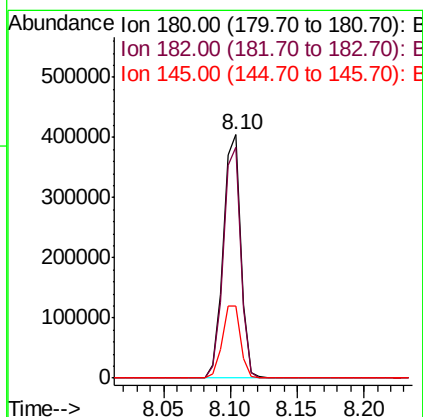
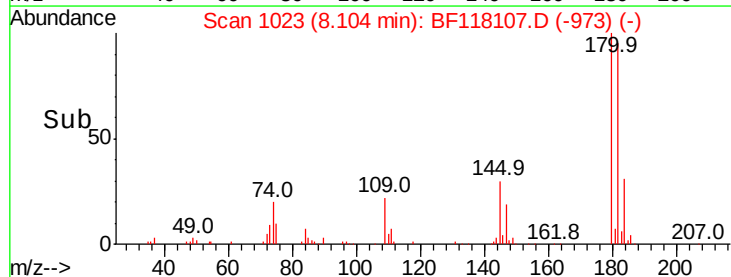
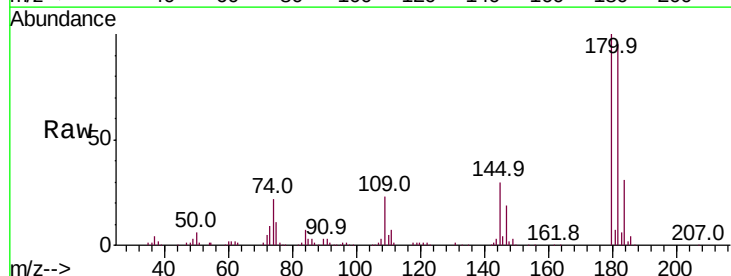
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

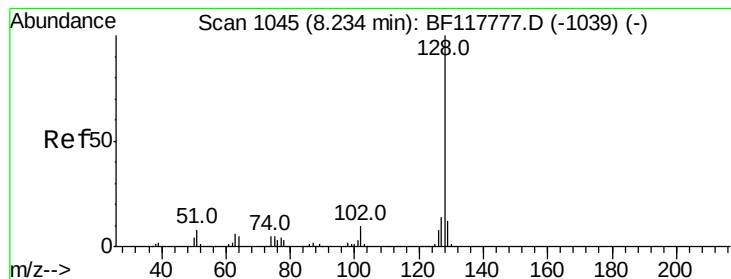
Tot Ion:	162	Resp:	319221
Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.9	82.9
98	37.1	16.7	56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.676 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:	180	Resp:	379744
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	29.8	25.1	37.7





#31

Naphthalene

Concen: 41.847 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

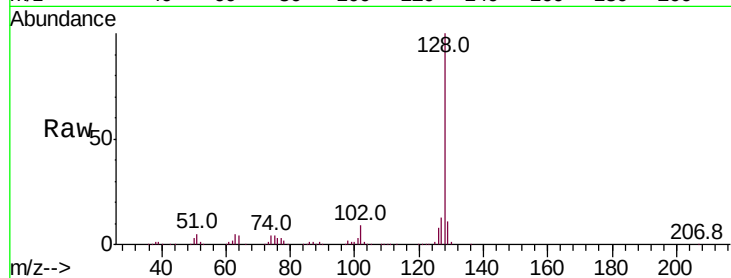
Tot Ion:128 Resp: 1102869

Ion Ratio Lower Upper

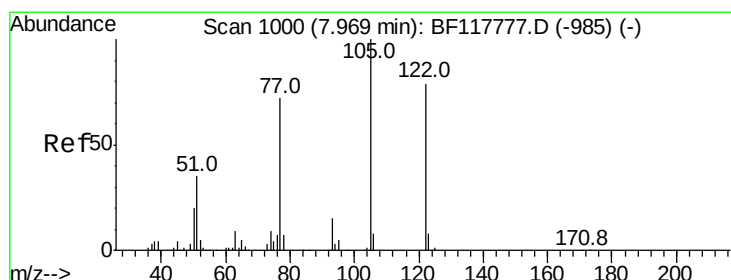
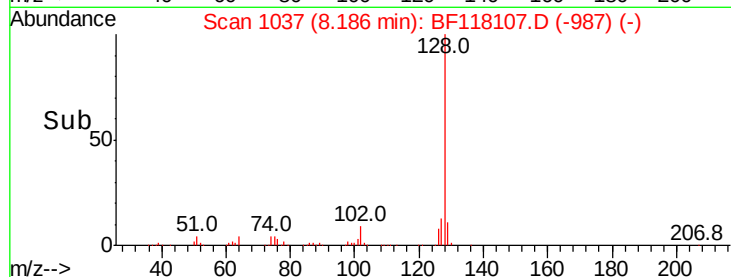
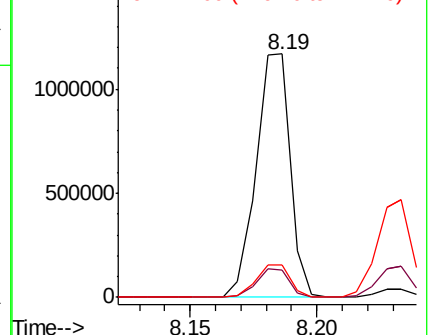
128 100

129 11.0 8.8 13.2

127 13.3 10.6 16.0



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: 37.471 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

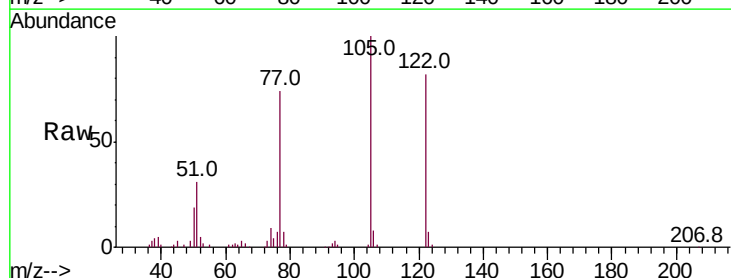
Tgt Ion:122 Resp: 232799

Ion Ratio Lower Upper

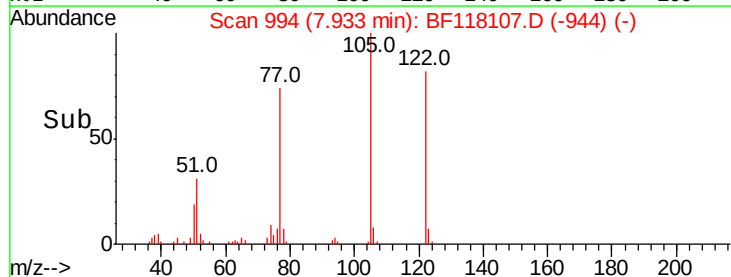
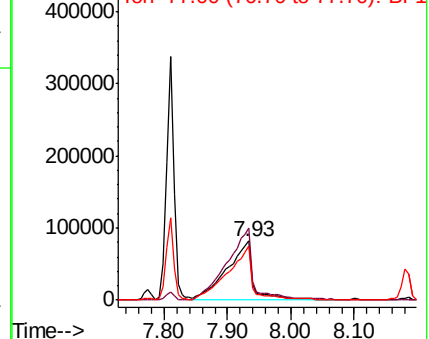
122 100

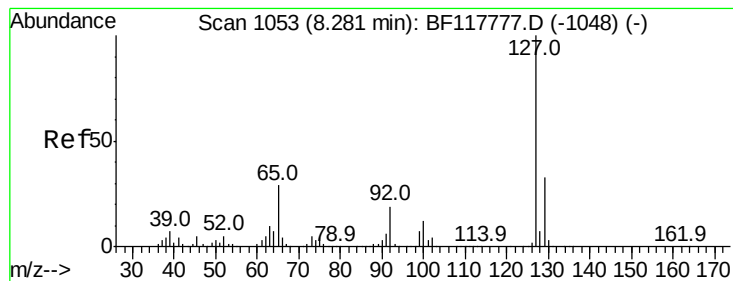
105 122.5 101.4 141.4

77 90.6 66.4 106.4



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





#33

4-Chloroaniline

Concen: 39.643 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 467727

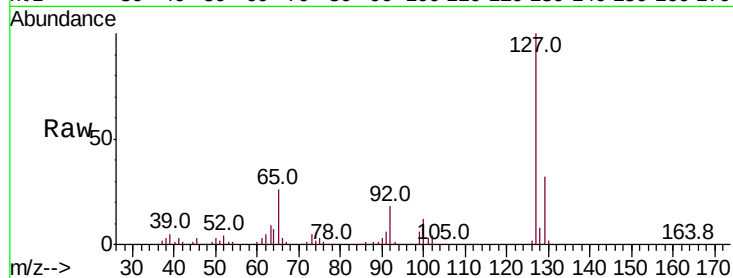
Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.0

65 25.6 23.4 35.0

92 18.2 15.1 22.7

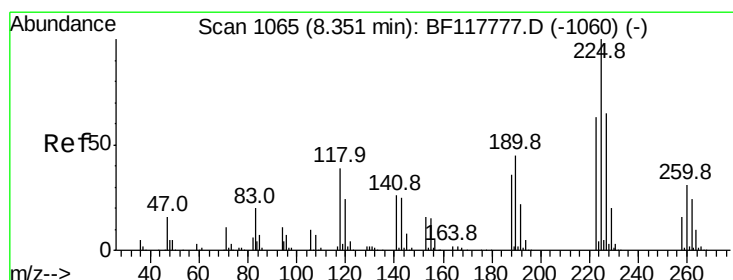
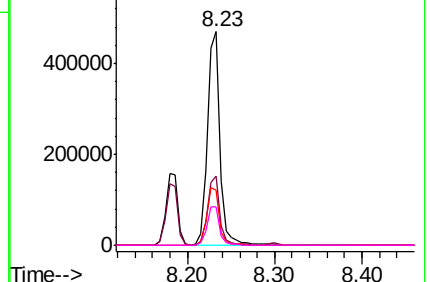
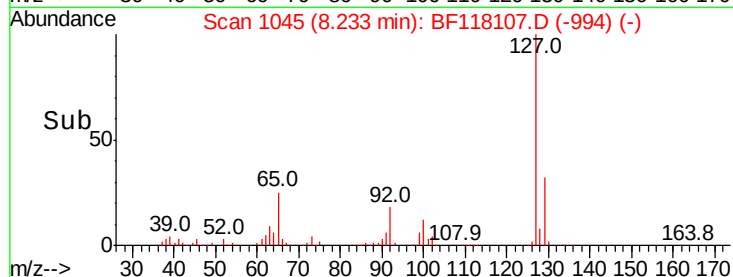


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.332 ng

RT: 8.30 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

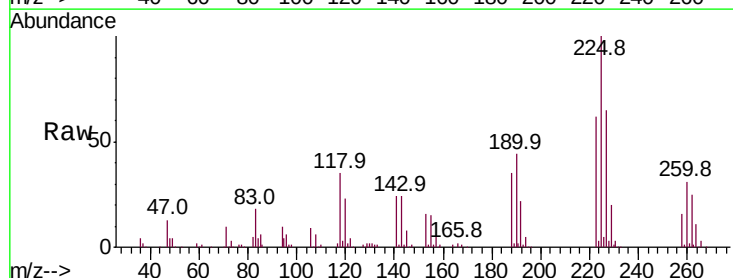
Tgt Ion:225 Resp: 225603

Ion Ratio Lower Upper

225 100

223 62.0 51.4 77.2

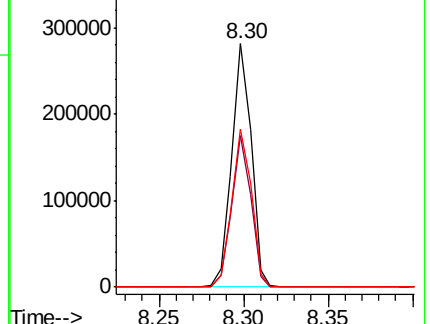
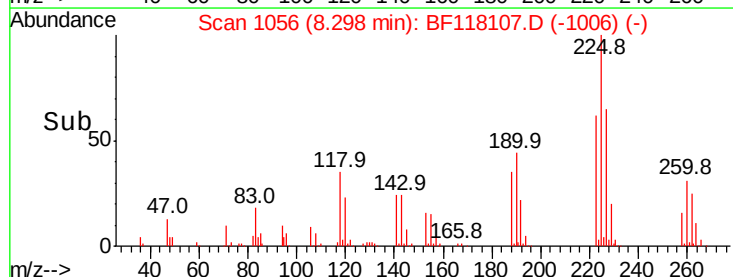
227 64.9 52.6 78.8

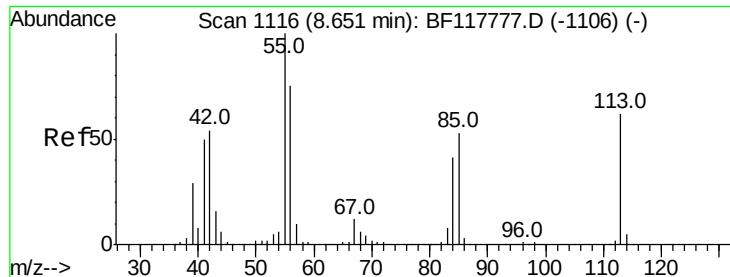


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

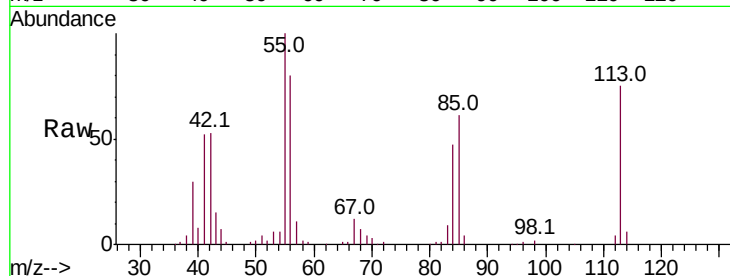




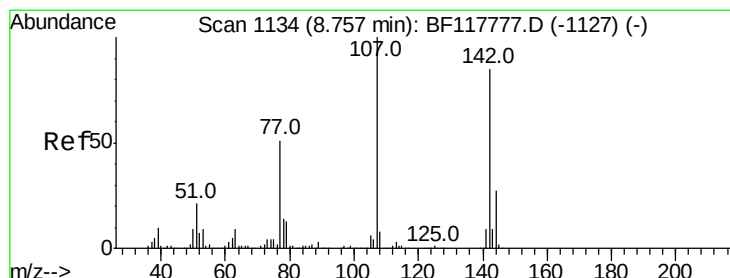
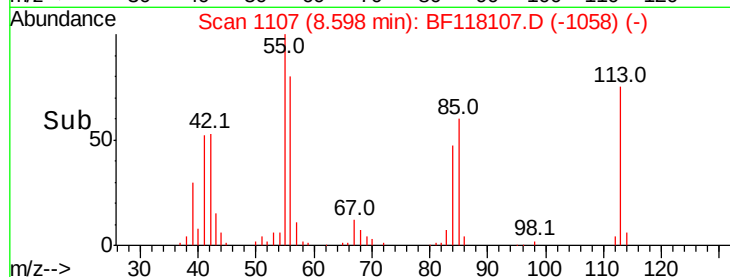
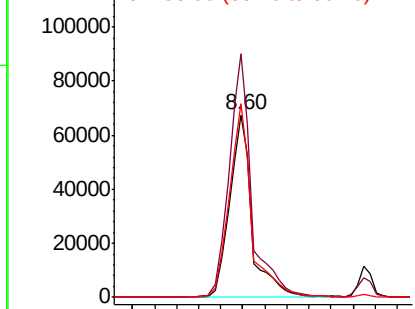
#35
Caprolactam
Concen: 37.128 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 94970
Ion Ratio Lower Upper
113 100
55 133.3 125.5 165.5
56 106.1 88.0 128.0

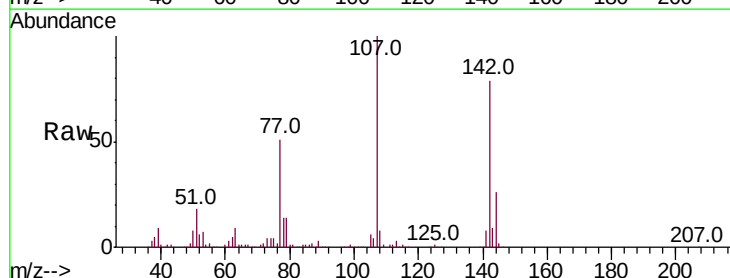


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

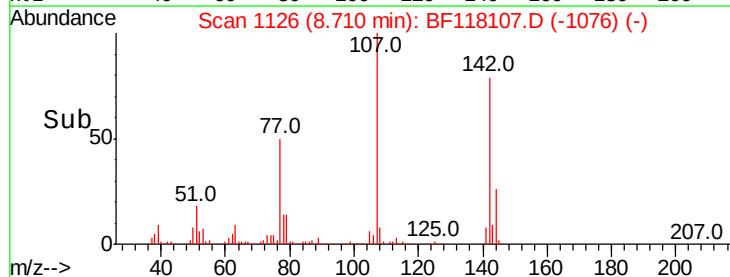
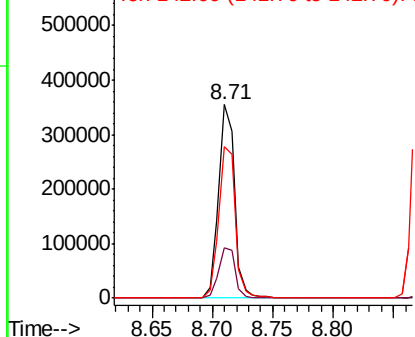


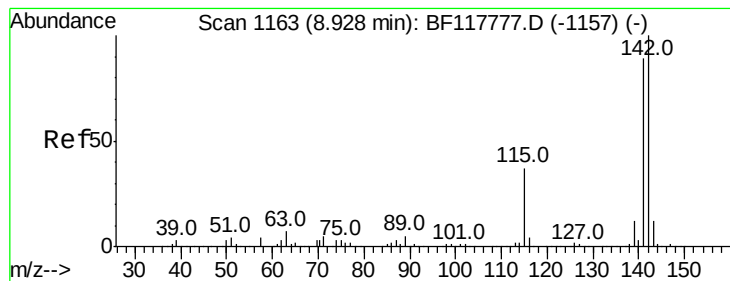
#36
4-Chloro-3-methylphenol
Concen: 39.583 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion:107 Resp: 323318
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 78.7 62.5 93.7



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: 41.480 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

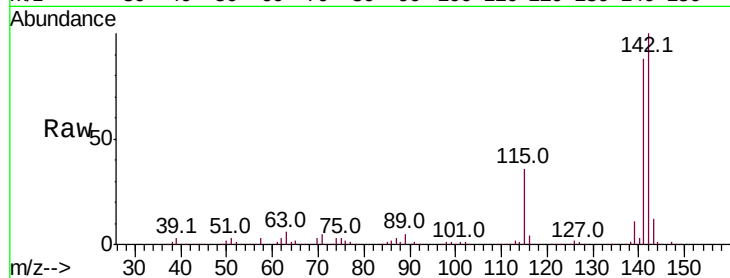
Tot Ion:142 Resp: 738628

Ion Ratio Lower Upper

142 100

141 88.2 70.2 105.4

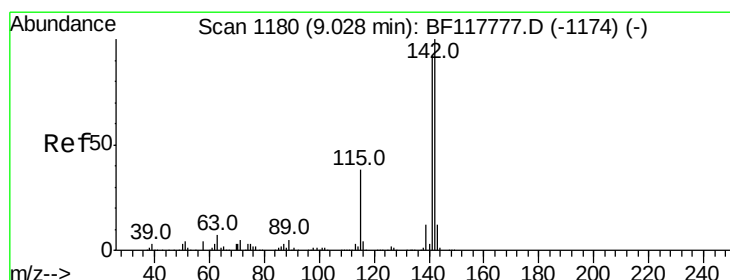
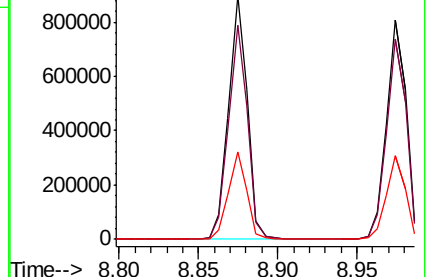
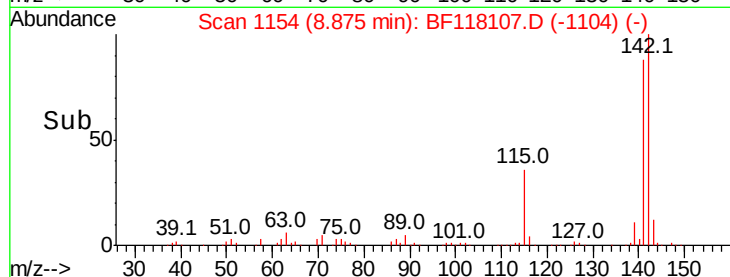
115 35.9 29.2 43.8



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: 41.277 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

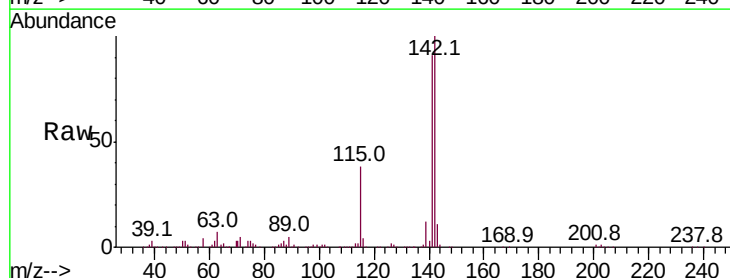
Tgt Ion:142 Resp: 694886

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4

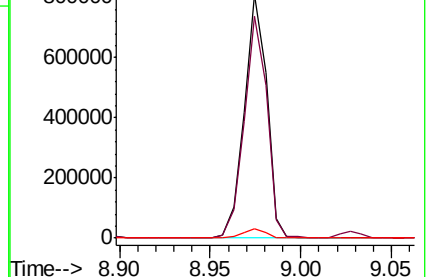
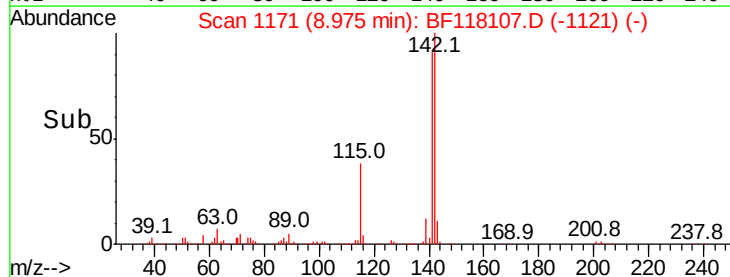
116 3.9 3.1 4.7

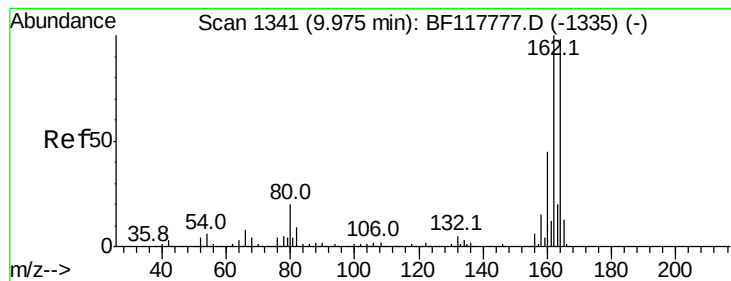


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

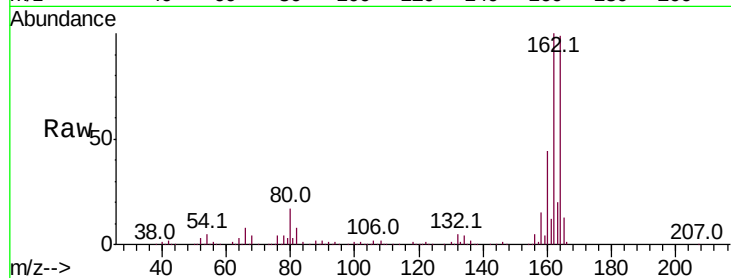
Tot Ion:164 Resp: 291245

Ion Ratio Lower Upper

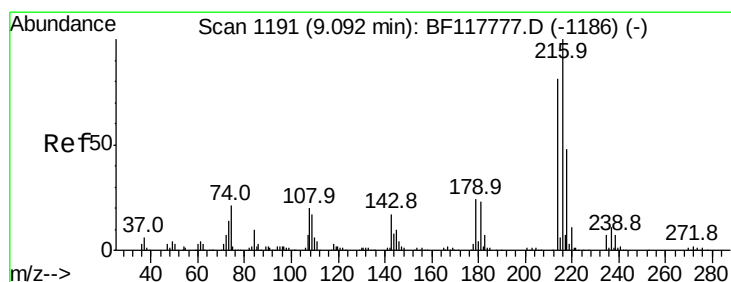
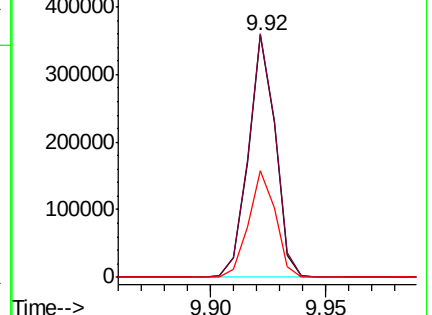
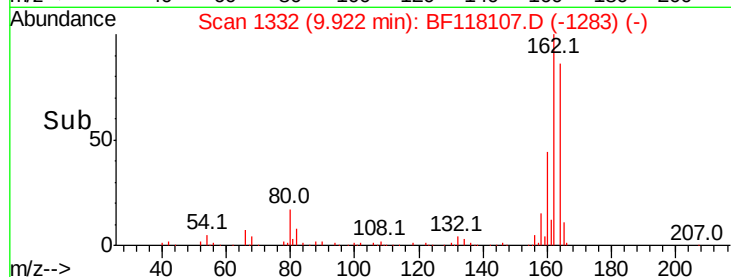
164 100

162 100.7 81.8 122.8

160 44.3 35.9 53.9



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: 41.777 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Tgt Ion:216 Resp: 353348

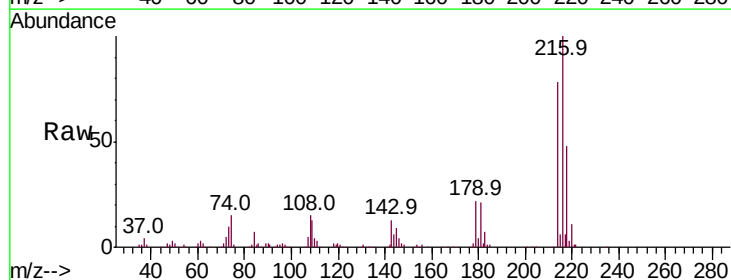
Ion Ratio Lower Upper

216 100

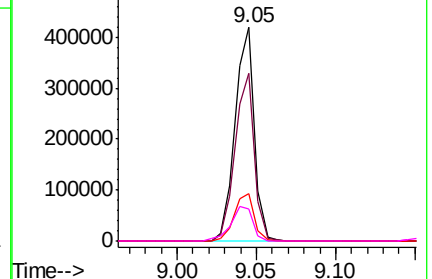
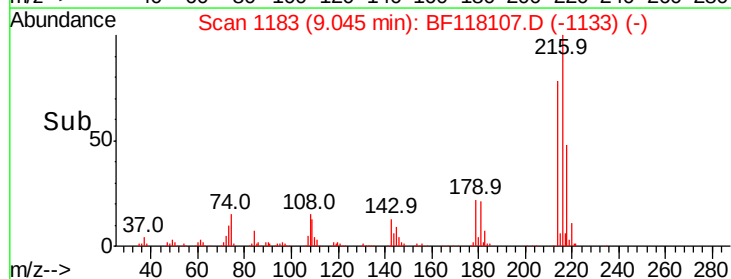
214 78.4 63.0 94.4

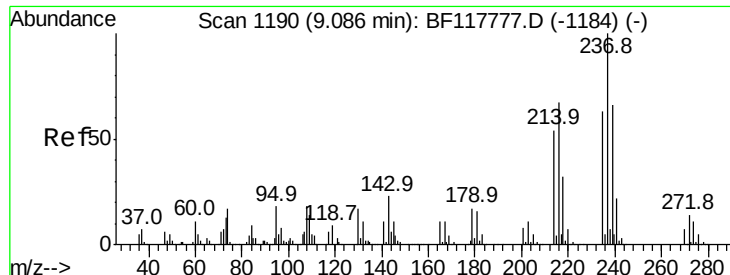
179 22.7 18.5 27.7

108 18.4 15.4 23.2



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

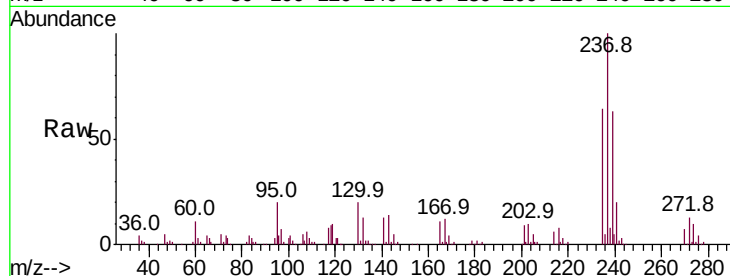




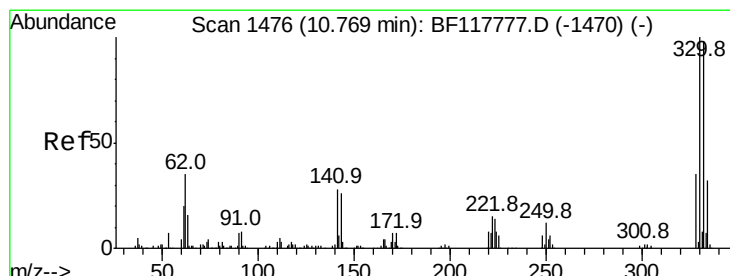
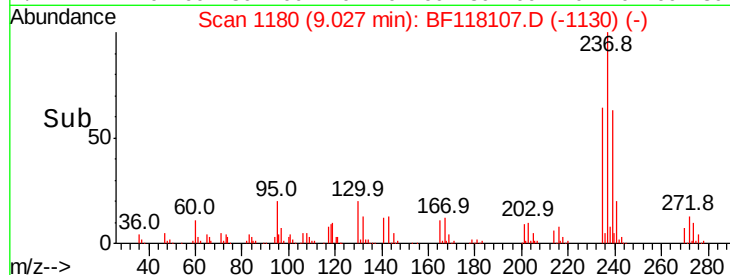
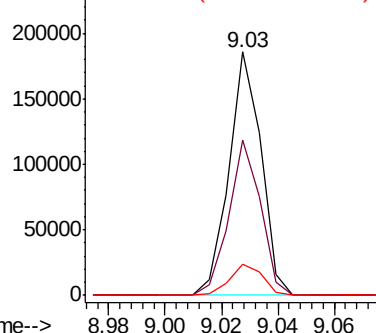
#41
Hexachlorocyclopentadiene
Concen: 30.899 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.7	83.7
272	13.0	0.0	32.7

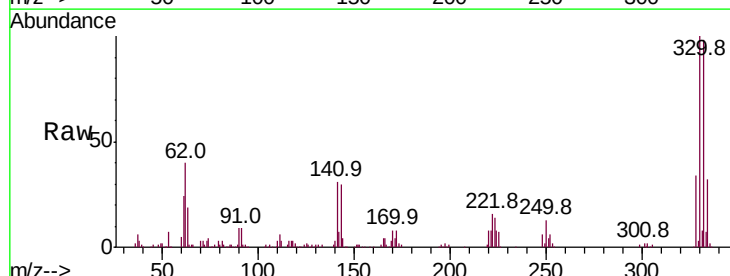


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

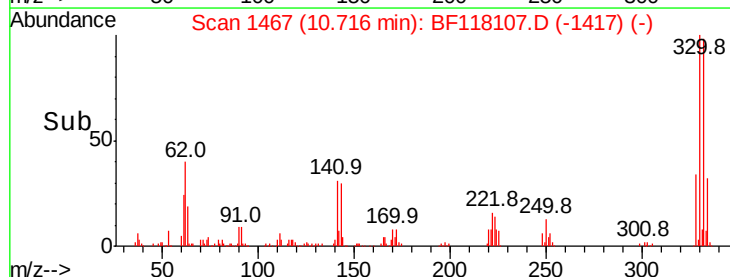
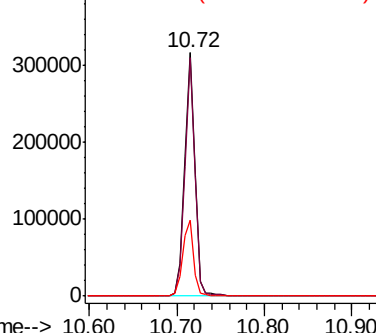


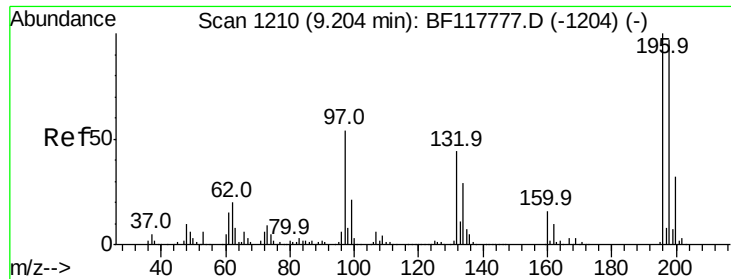
#42
2,4,6-Tribromophenol
Concen: 85.087 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.3	117.5
141	32.5	26.4	39.6



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

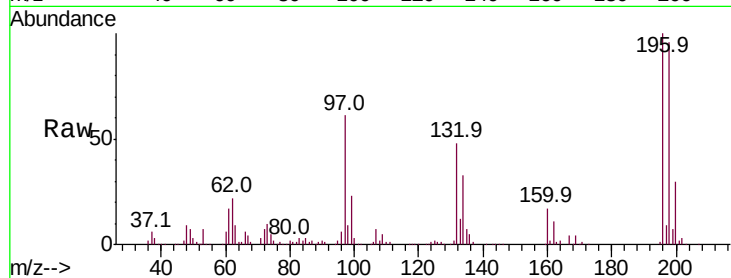




#43
 2,4,6-Trichlorophenol
 Concen: 38.201 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.9	115.3
200	30.0	24.2	36.4

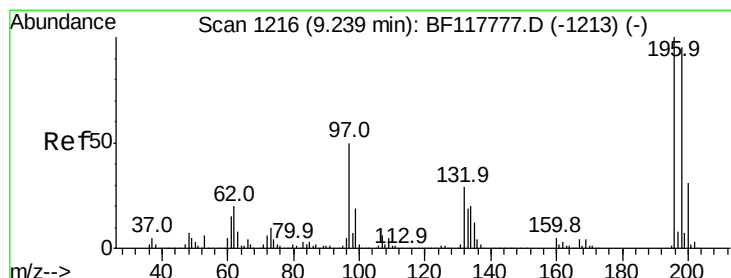
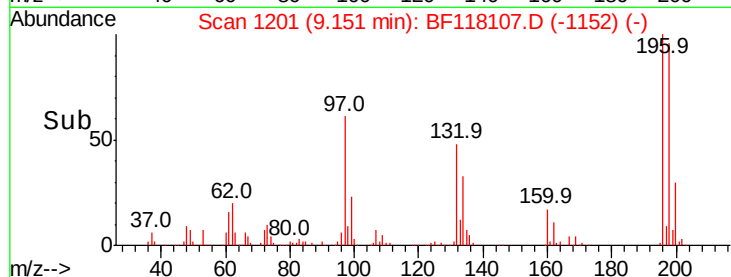
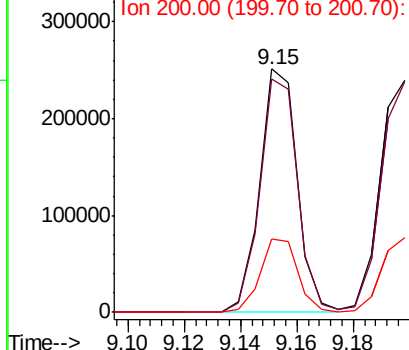


Abundance

Ion 196.00 (195.70 to 196.70): E

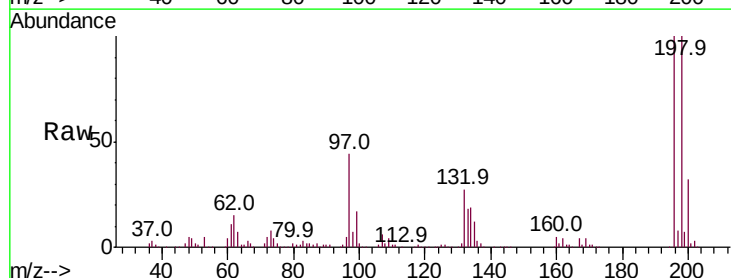
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.756 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.1	117.1
97	44.4	37.4	56.2
132	27.5	22.7	34.1



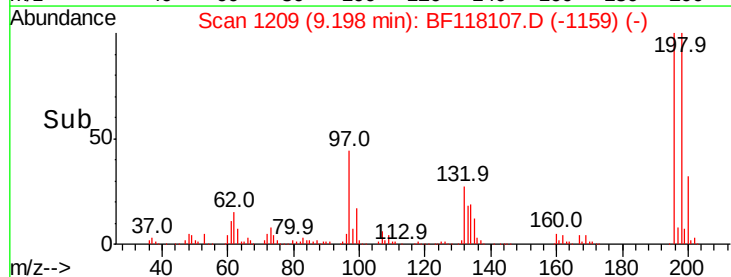
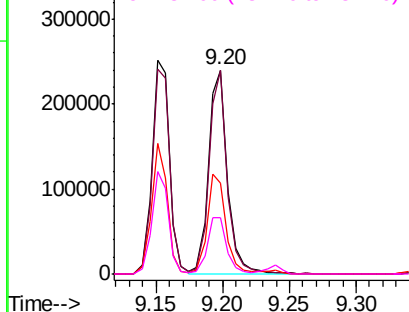
Abundance

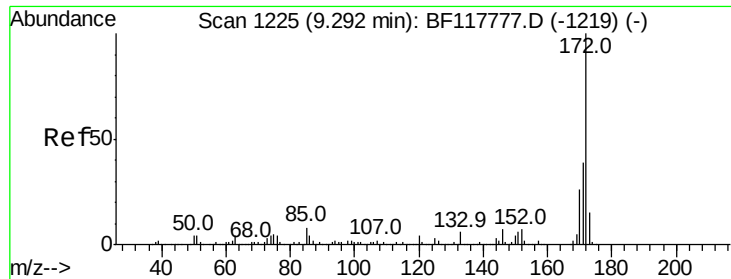
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

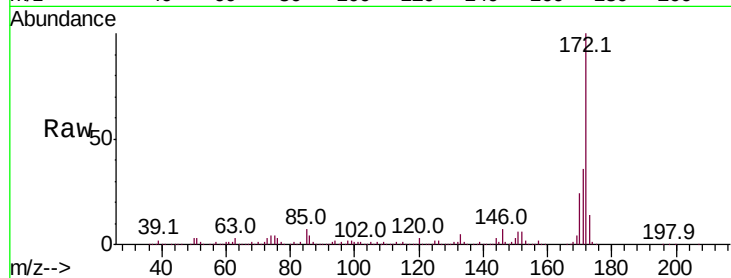




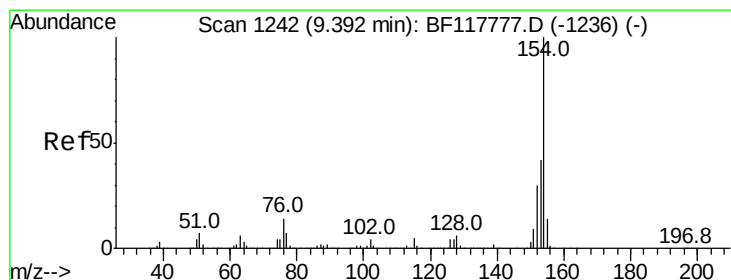
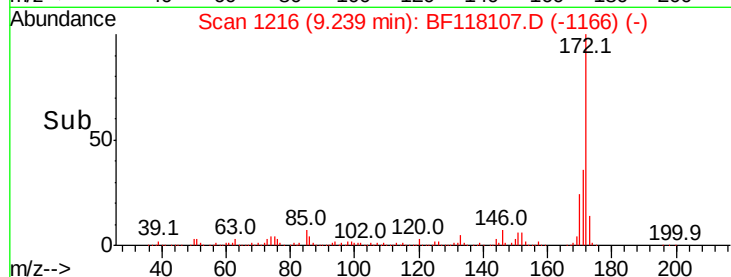
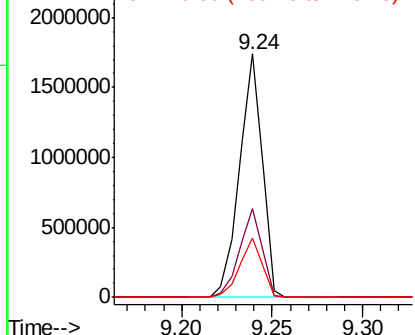
#45
2-Fluorobiphenyl
Concen: 93.048 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1510549
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.2 19.3 28.9

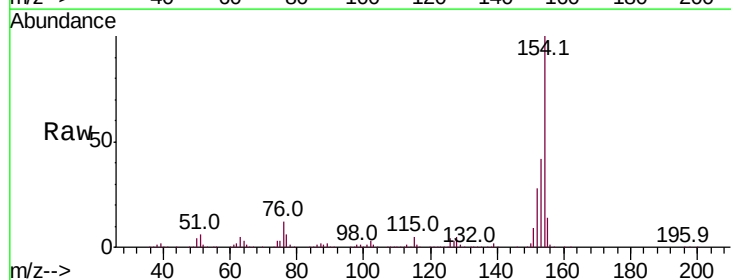


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

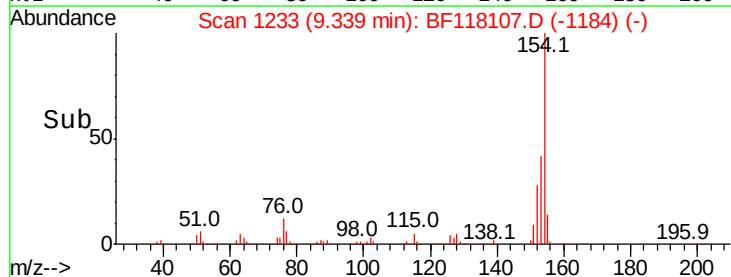
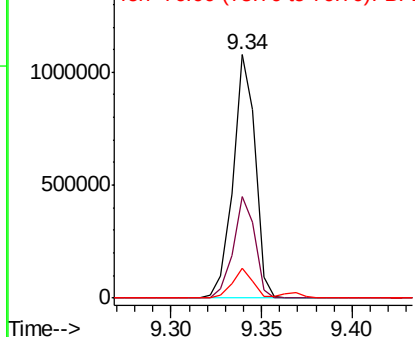


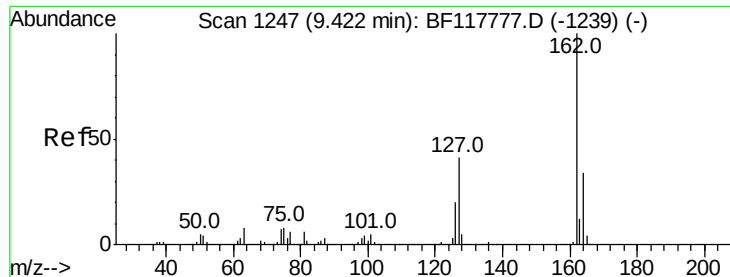
#46
1,1'-Biphenyl
Concen: 42.121 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion:154 Resp: 910135
Ion Ratio Lower Upper
154 100
153 41.6 21.1 61.1
76 12.3 0.0 30.8



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

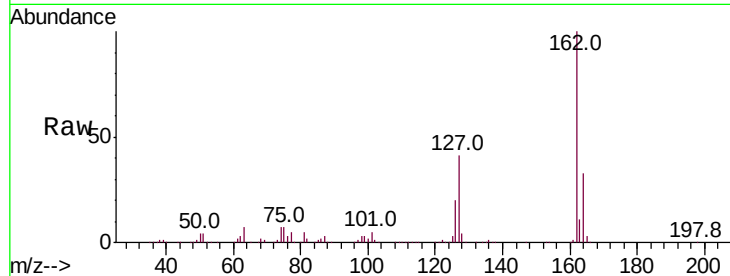




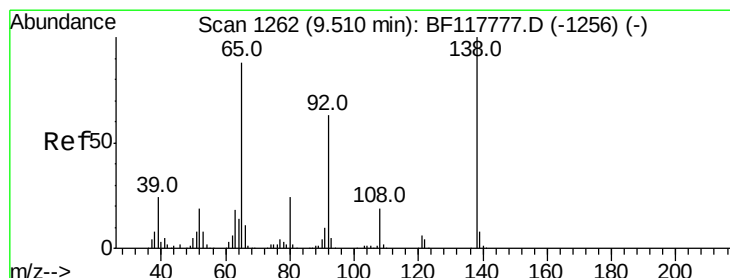
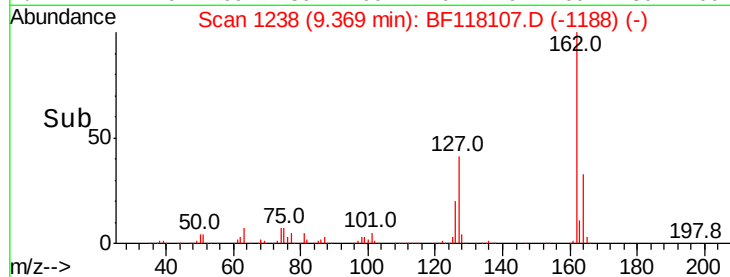
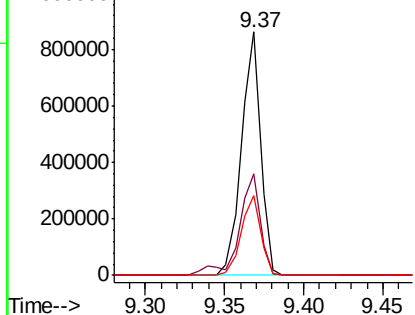
#47
 2-Chloronaphthalene
 Concen: 40.580 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.6	52.0
164	32.9	26.0	39.0

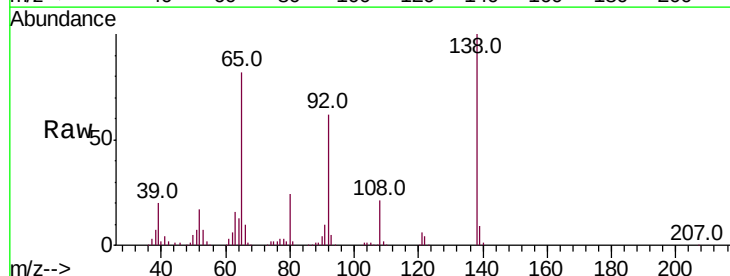


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

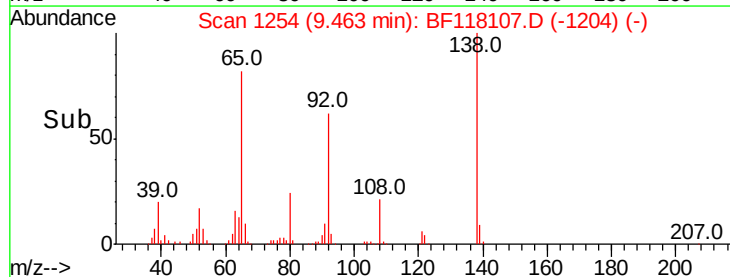
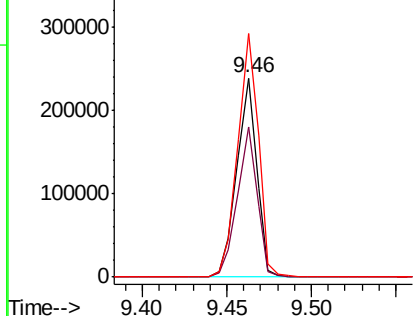


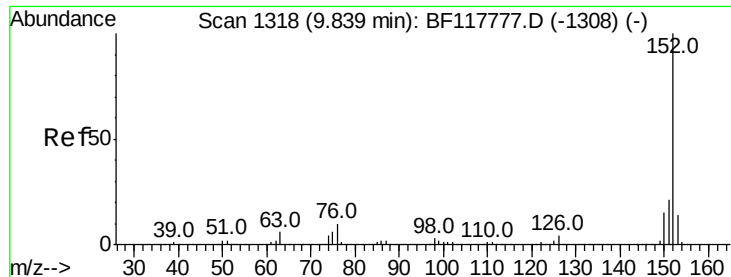
#48
 2-Nitroaniline
 Concen: 36.748 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.9	86.9
138	122.2	96.2	144.2



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





#49

Acenaphthylene

Concen: 41.142 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

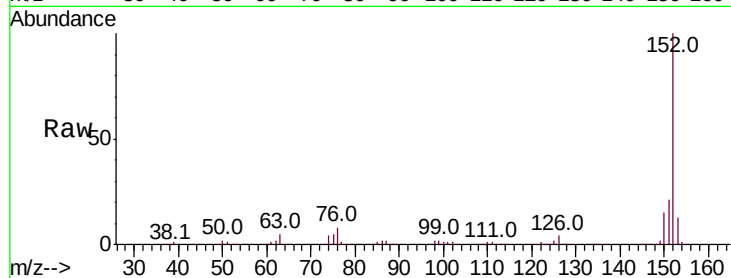
Tot Ion:152 Resp: 1066245

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.1	11.1	16.7

152 100

151 20.5 16.7 25.1

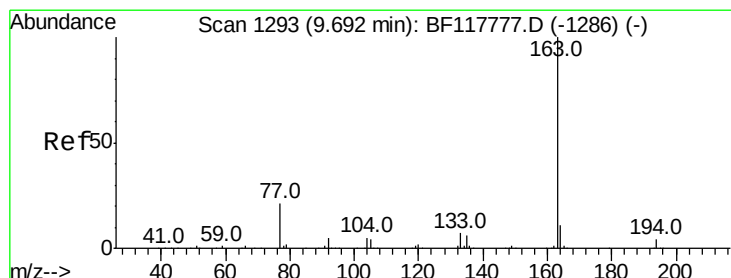
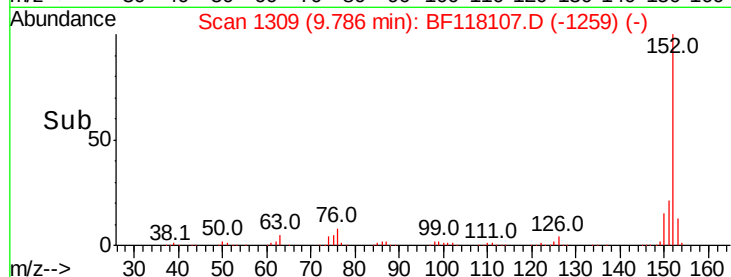
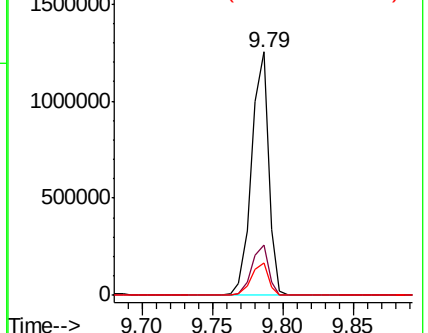
153 13.1 11.1 16.7



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: 40.107 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

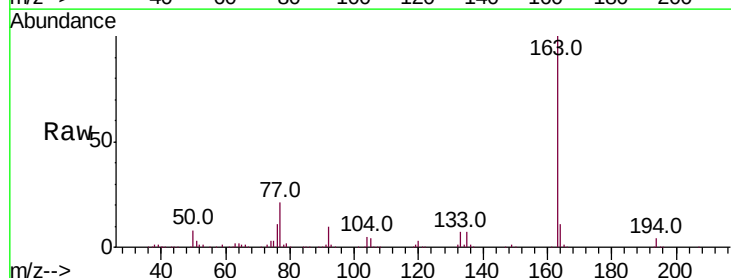
Tgt Ion:163 Resp: 819117

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.6	7.9	11.9

163 100

194 3.9 3.1 4.7

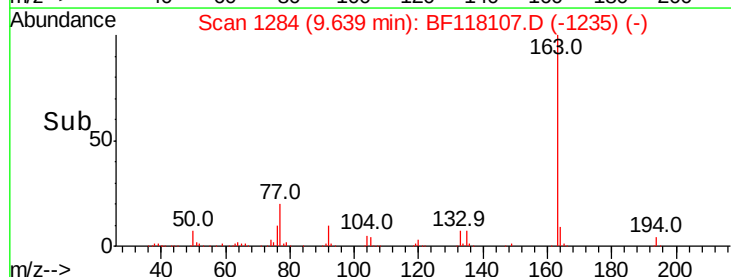
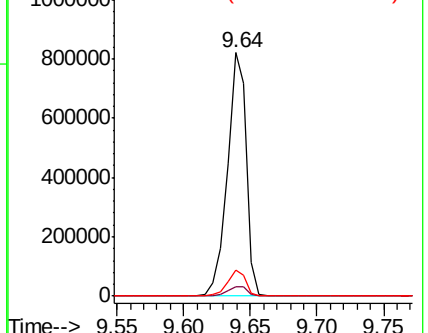
164 10.6 7.9 11.9

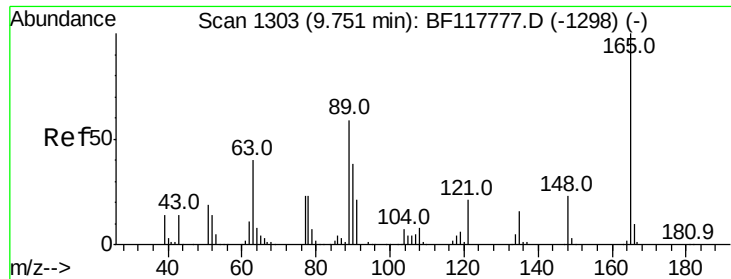


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.774 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

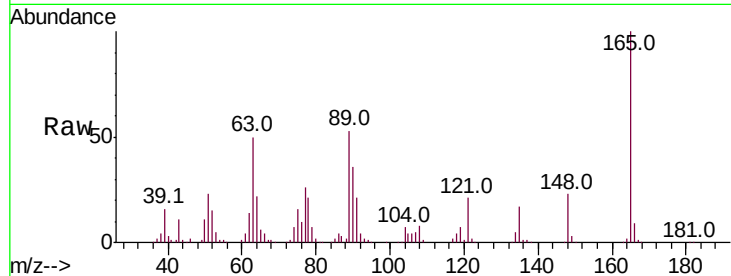
Tot Ion:165 Resp: 177536

Ion Ratio Lower Upper

165 100

63 50.2 43.9 65.9

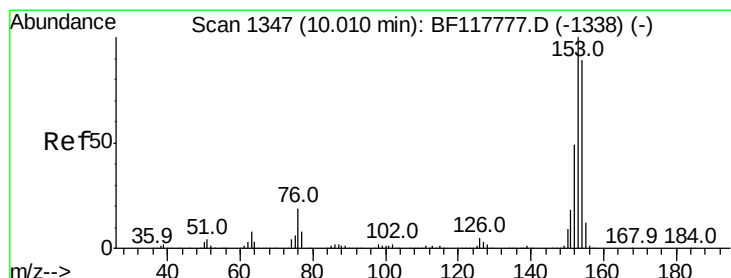
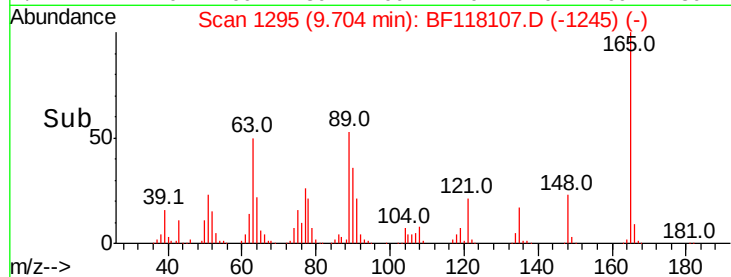
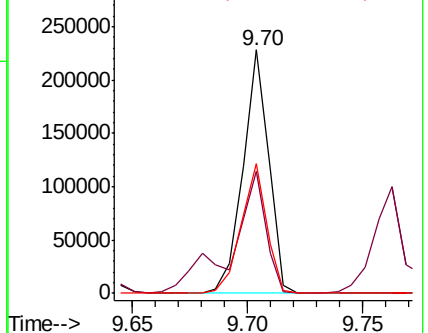
89 53.3 45.5 68.3



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: 38.411 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

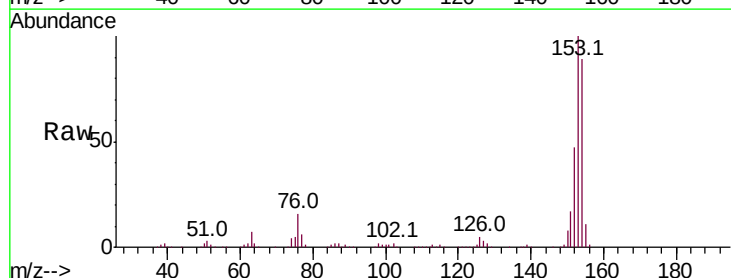
Tgt Ion:154 Resp: 637684

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

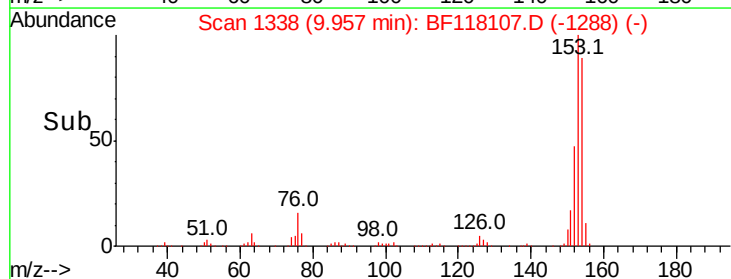
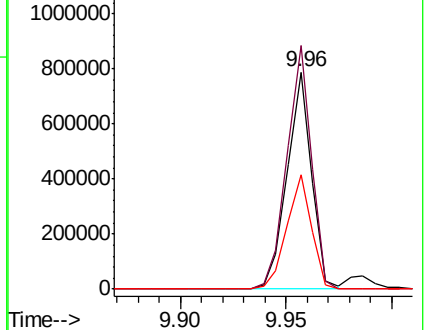
152 52.9 43.6 65.4

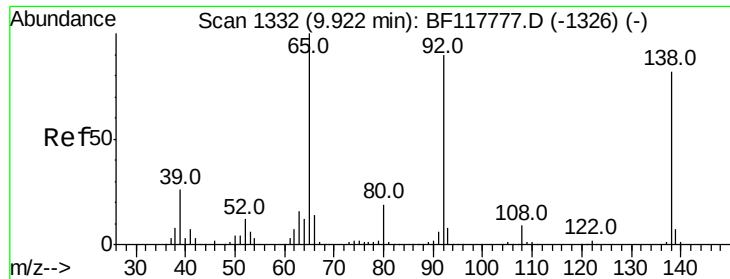


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

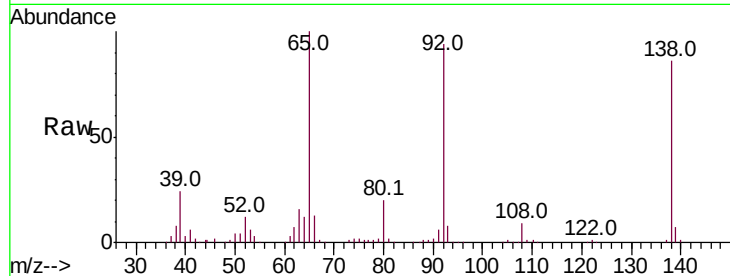




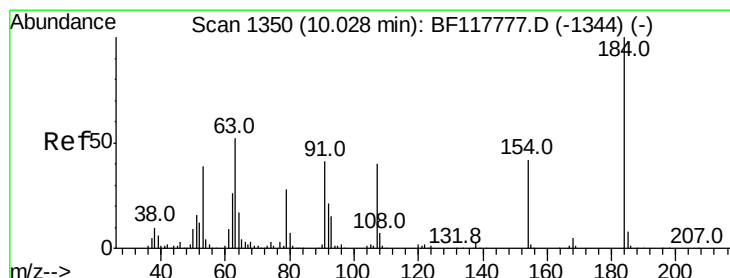
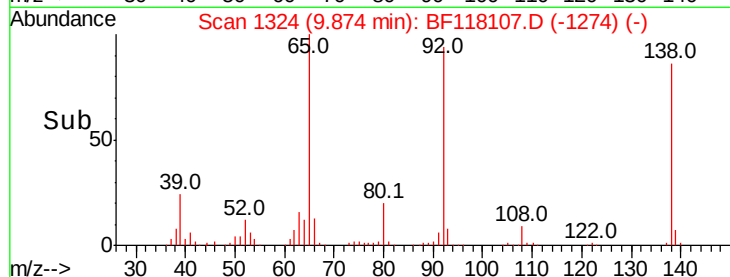
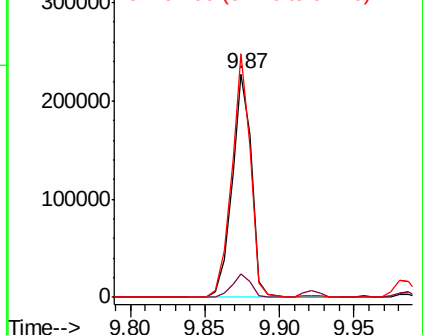
#53
3-Nitroaniline
Concen: 38.823 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 207353
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 108.8 87.4 131.0

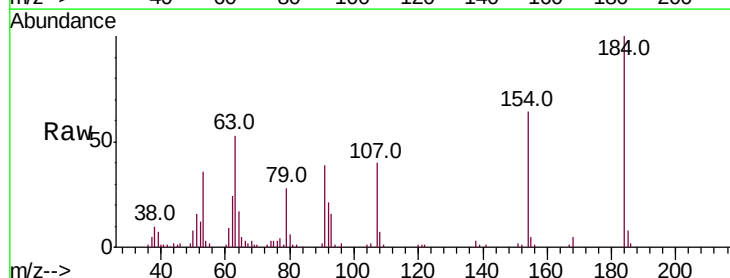


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

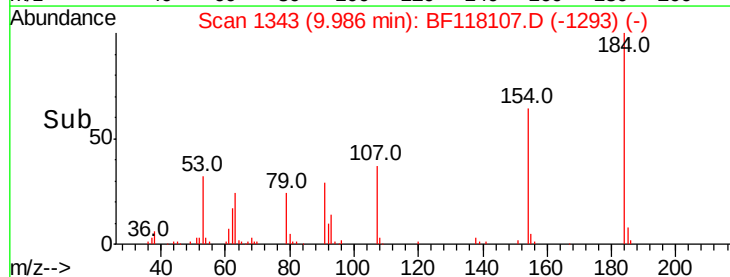
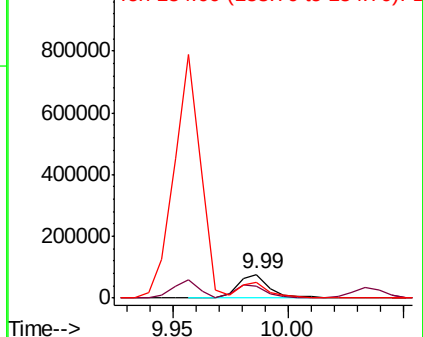


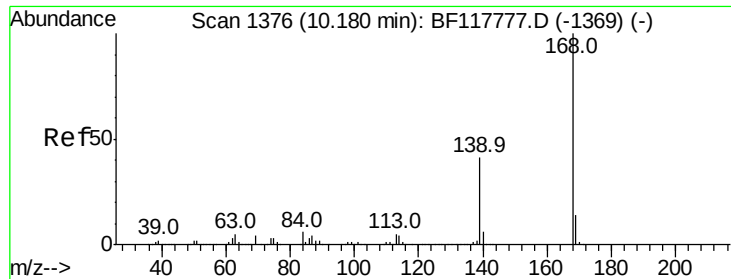
#54
2,4-Dinitrophenol
Concen: 36.252 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion:184 Resp: 73181
Ion Ratio Lower Upper
184 100
63 53.1 45.3 67.9
154 64.4 51.6 77.4



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

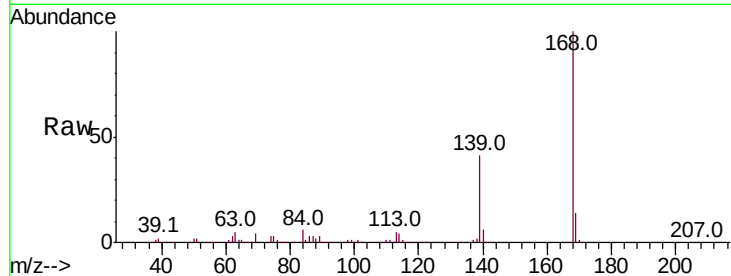




#55
Dibenzenofuran
Concen: 41.187 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.5	48.7
169	14.1	10.8	16.2

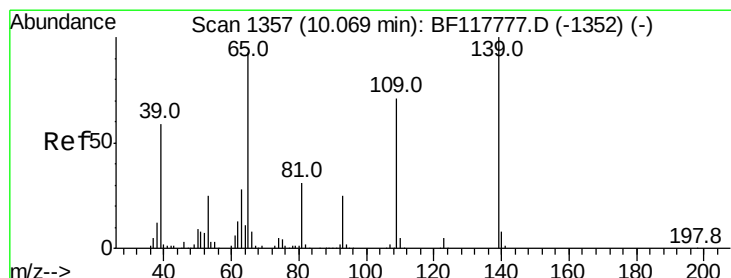
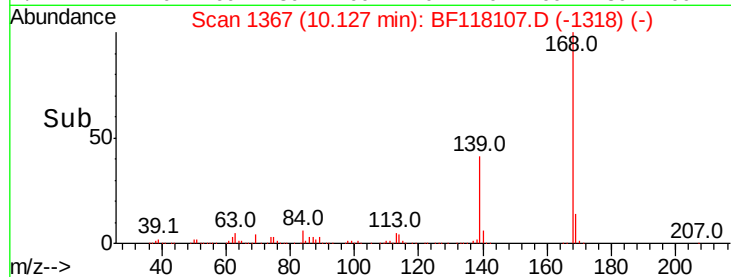
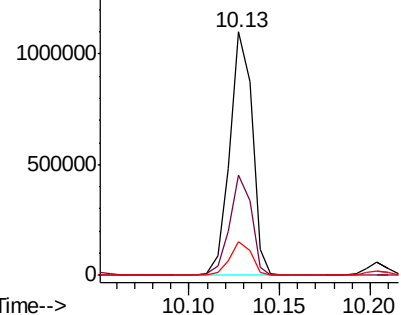


Abundance

Ion 168.00 (167.70 to 168.70): E

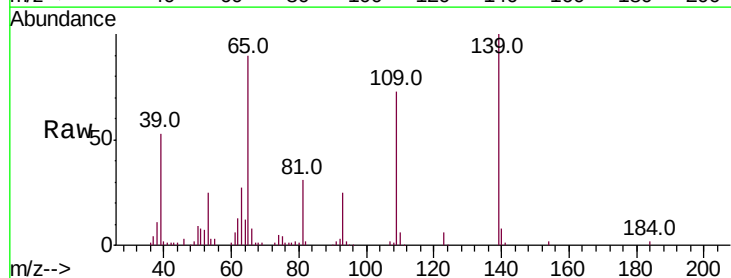
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 34.619 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	55.2	95.2
65	90.1	68.7	108.7

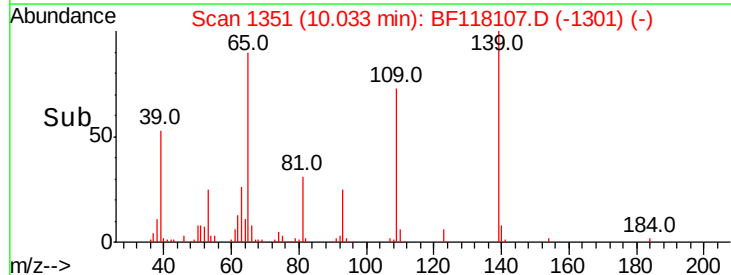
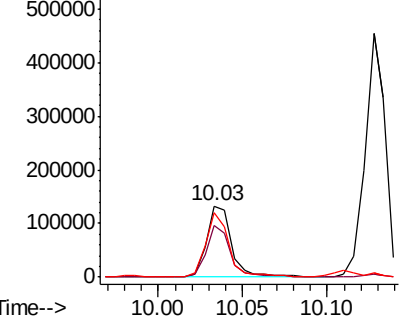


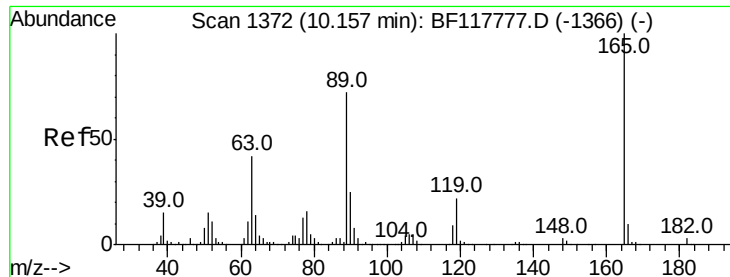
Abundance

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: 41.187 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 233861

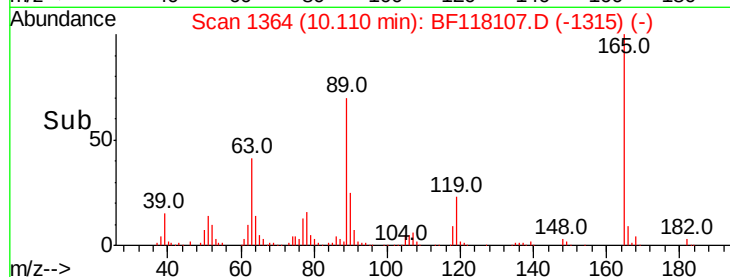
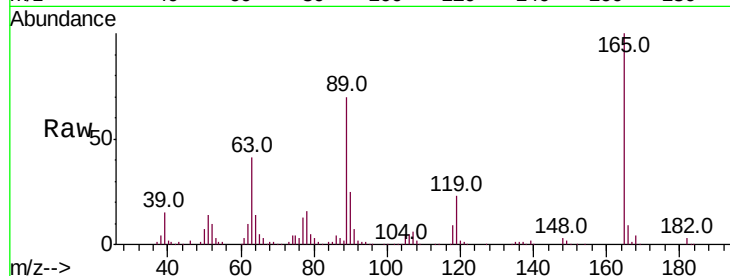
Ion Ratio Lower Upper

165 100

63 41.4 26.5 39.7#

89 70.3 47.2 70.8

182 3.0 2.3 3.5

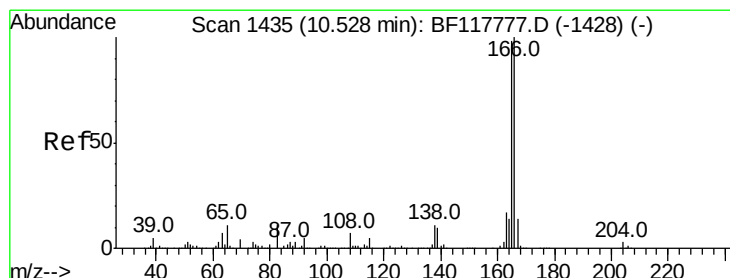
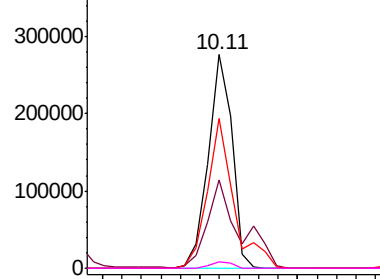


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.675 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

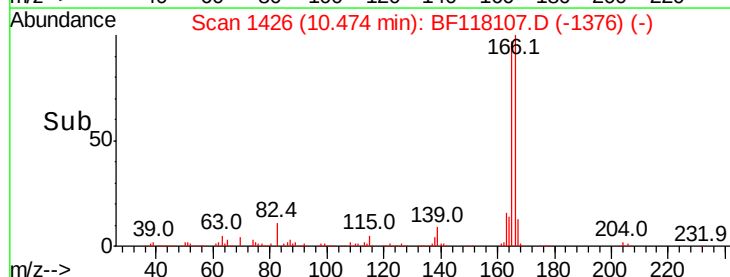
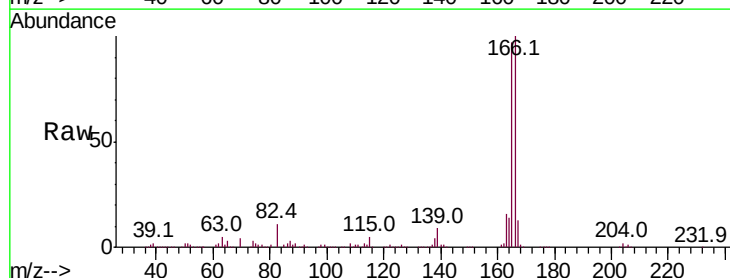
Tgt Ion:166 Resp: 742446

Ion Ratio Lower Upper

166 100

165 96.8 77.4 116.2

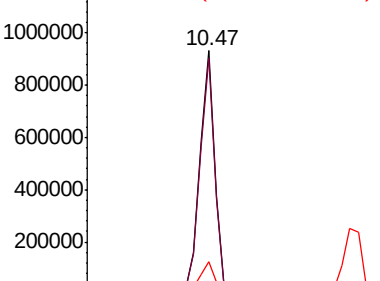
167 13.4 10.7 16.1

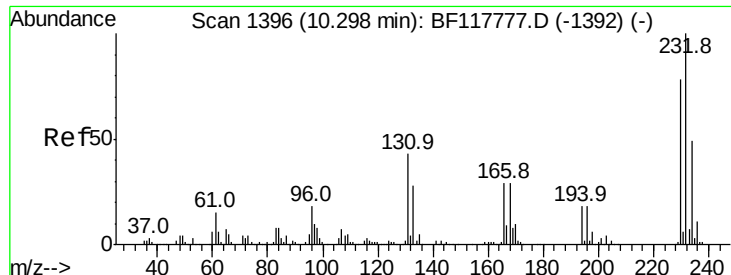


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.287 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 192707

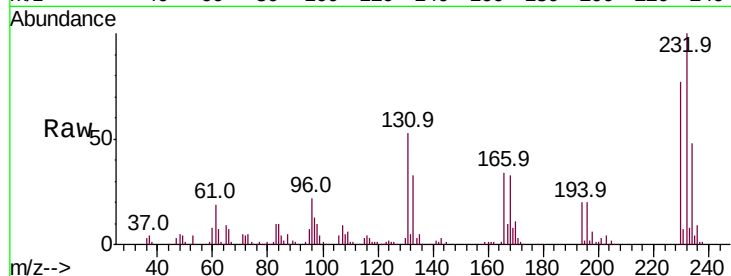
Ion Ratio Lower Upper

232 100

131 48.3 38.8 58.2

130 2.3 1.9 2.9

166 31.7 25.9 38.9

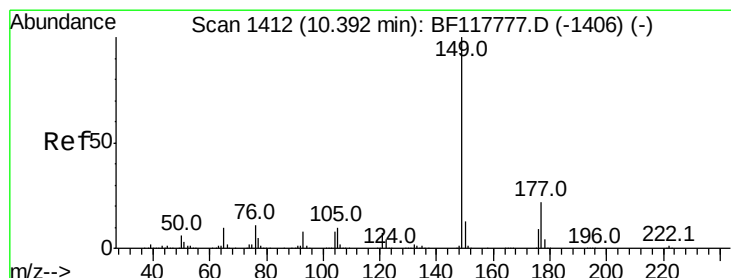
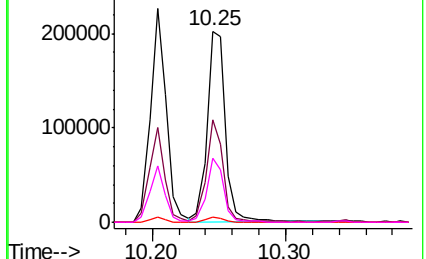
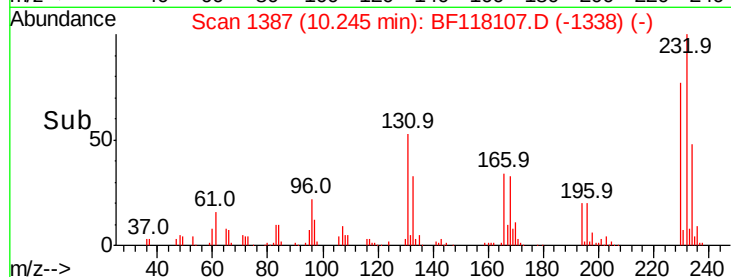


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.641 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

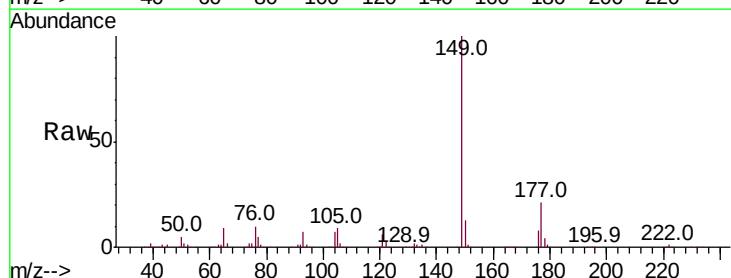
Tgt Ion:149 Resp: 809223

Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

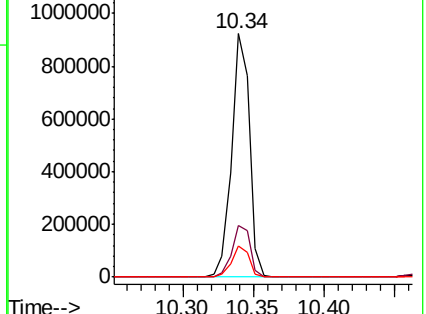
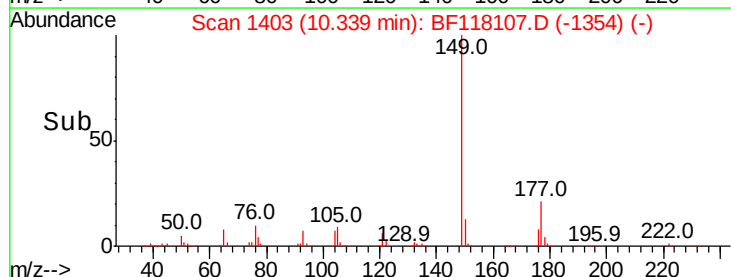
150 12.5 9.8 14.8

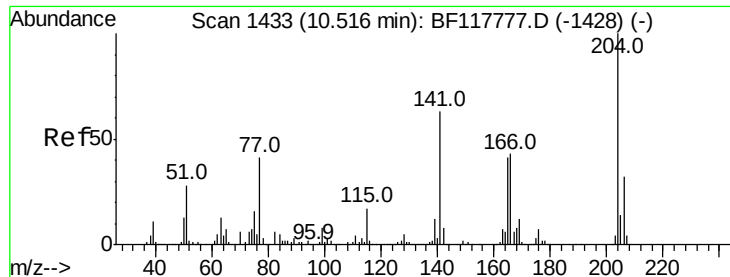


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

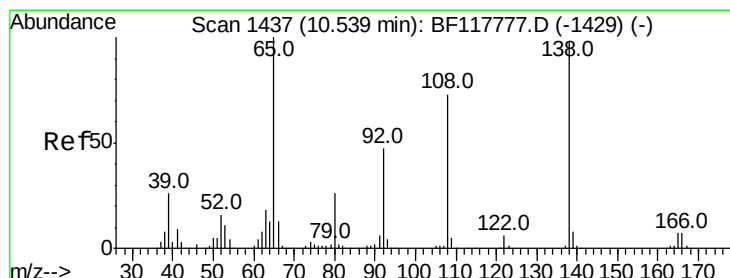
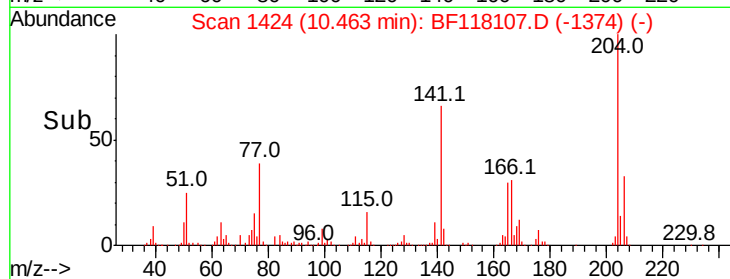
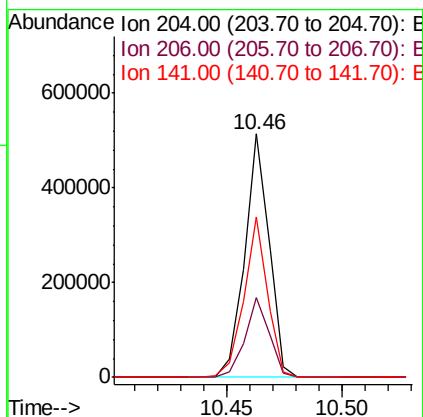
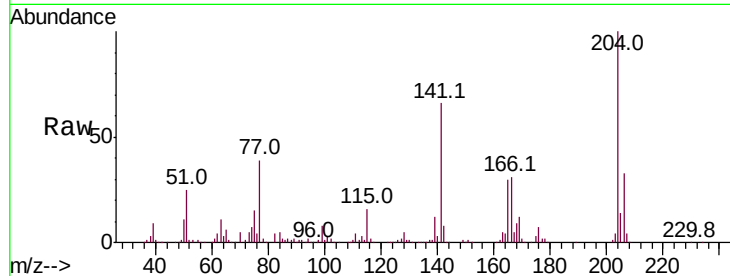




#61
 4-Chlorophenyl-phenylether
 Concen: 41.854 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

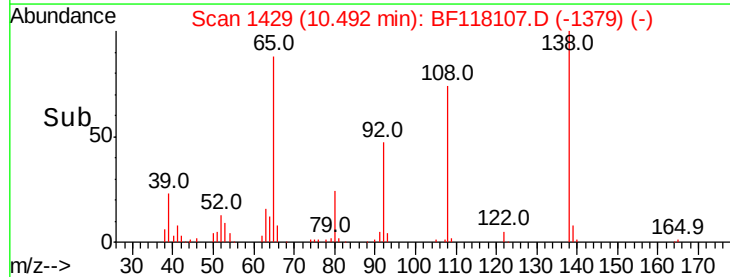
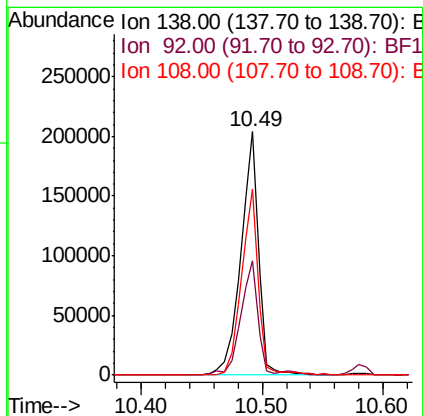
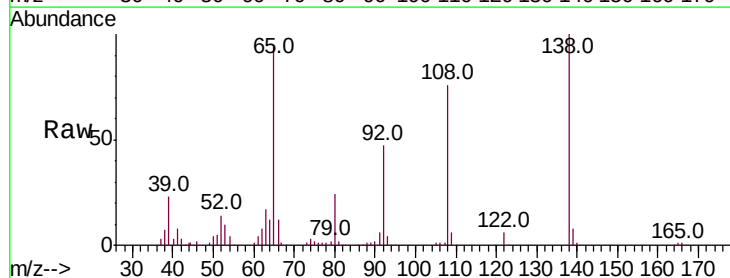
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

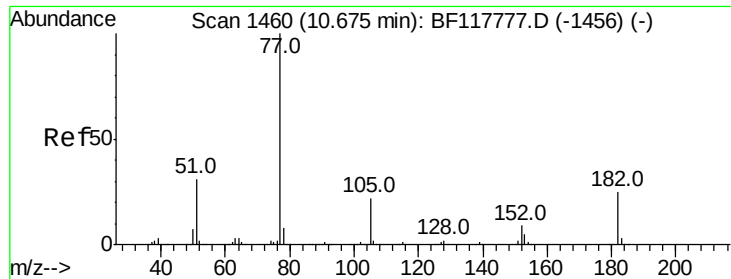
Tot Ion:	204	Resp:	378401
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	66.0	55.1	82.7



#62
 4-Nitroaniline
 Concen: 39.222 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:	138	Resp:	209747
Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.5	67.5
108	76.2	57.9	97.9





#63

Azobenzene

Concen: 38.644 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 700031

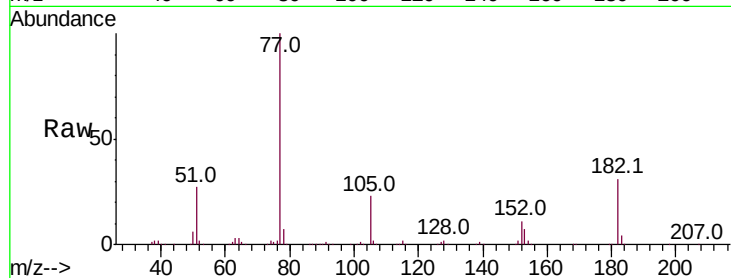
Ion Ratio Lower Upper

77 100

182 31.0 8.2 48.2

105 23.4 2.1 42.1

51 26.6 8.7 48.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

1200000

1000000

800000

600000

400000

200000

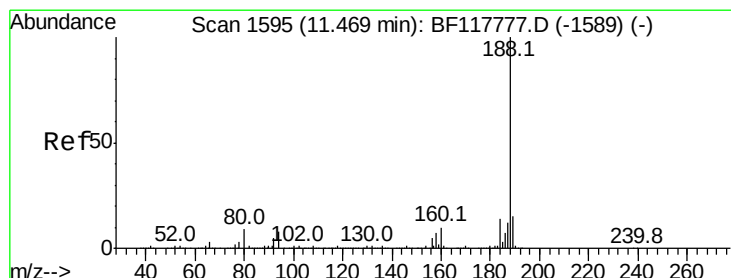
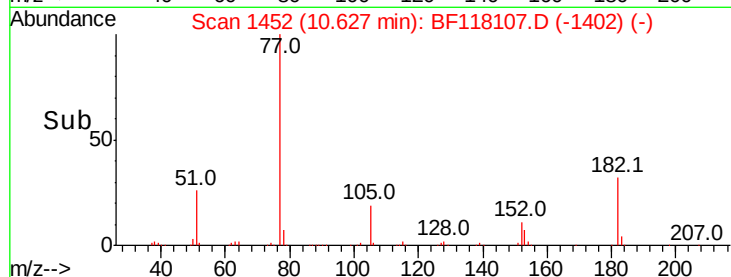
0

10.63

10.65

10.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

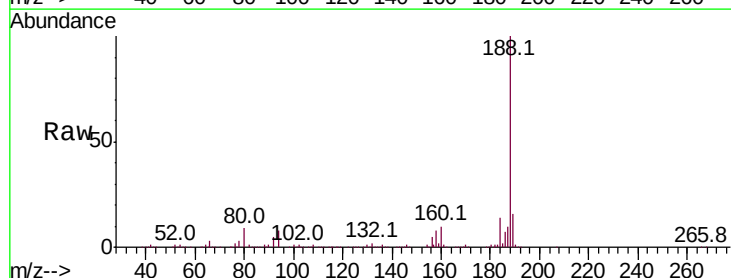
Tgt Ion: 188 Resp: 526654

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 8.7 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

800000

600000

400000

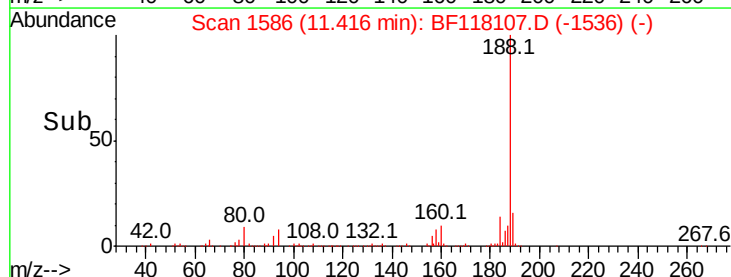
200000

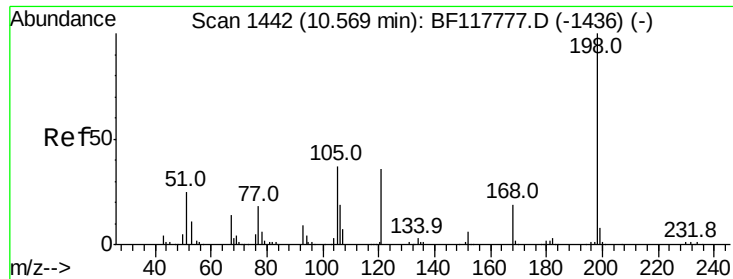
0

11.42

11.45

Time-->

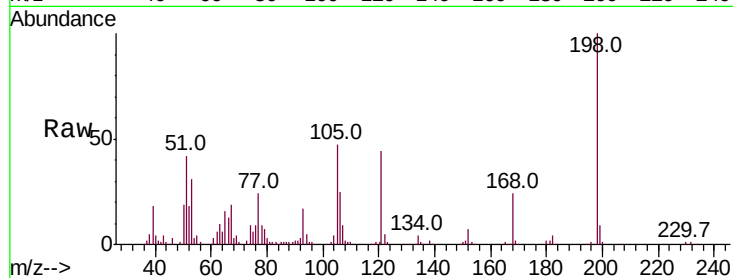




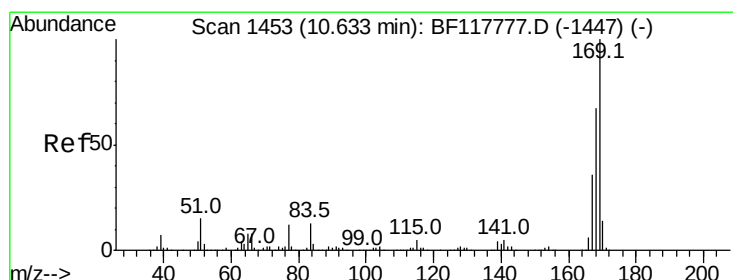
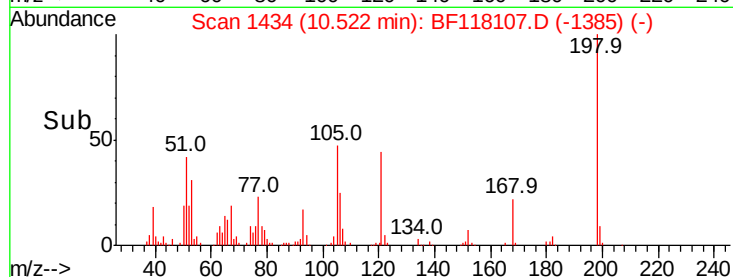
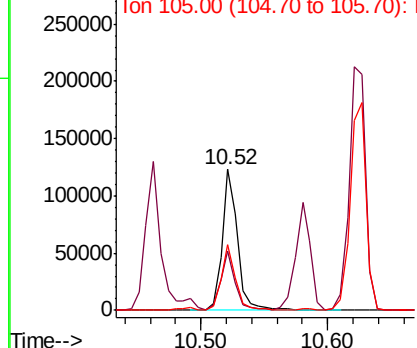
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.603 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 104743
 Ion Ratio Lower Upper
 198 100
 51 42.3 12.6 52.6
 105 47.0 17.0 57.0

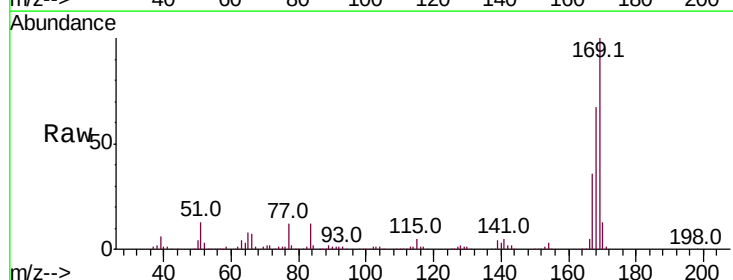


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

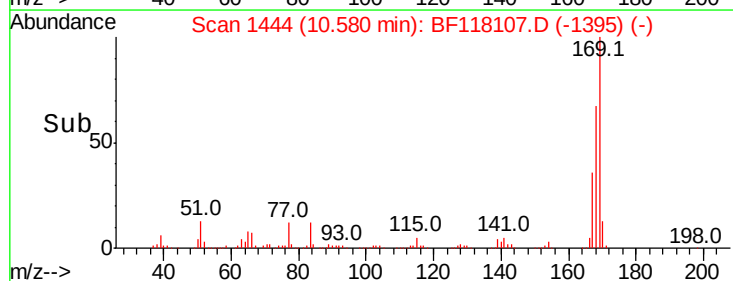
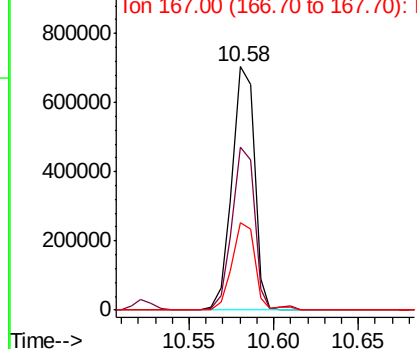


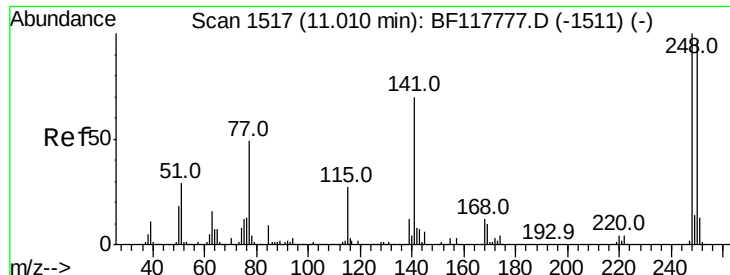
#66
 n-Nitrosodiphenylamine
 Concen: 42.401 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:169 Resp: 649890
 Ion Ratio Lower Upper
 169 100
 168 66.8 52.5 78.7
 167 35.8 28.4 42.6



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

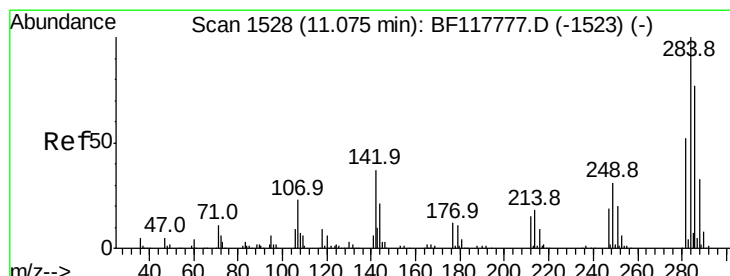
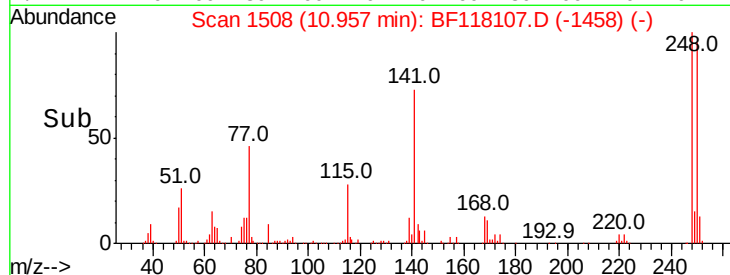
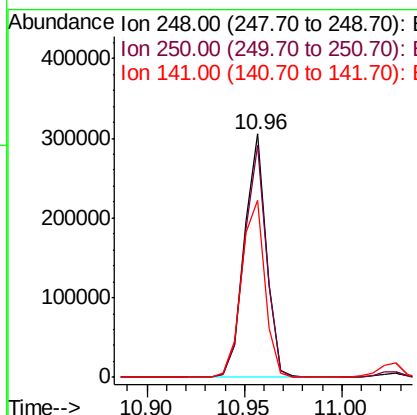
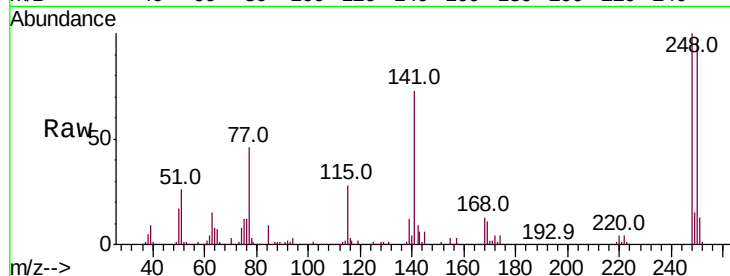




#67
 4-Bromophenyl-phenylether
 Concen: 41.990 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

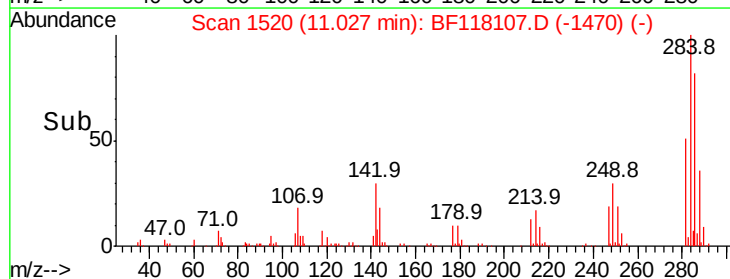
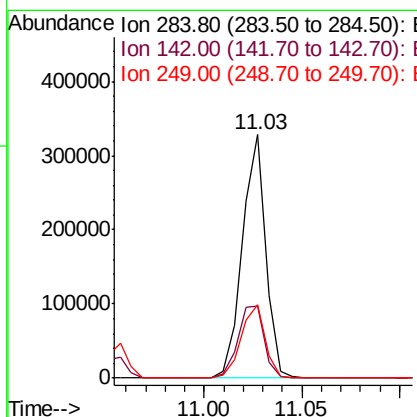
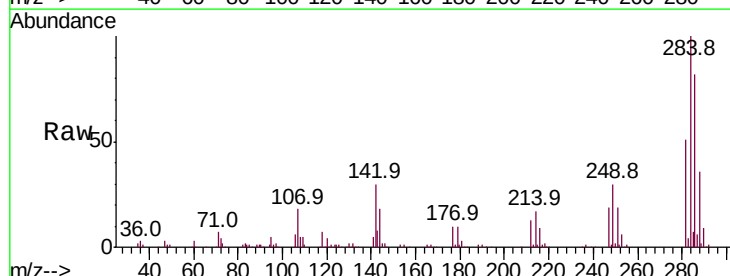
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

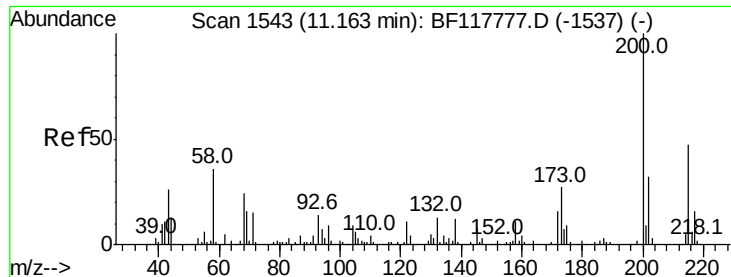
Tot Ion:248 Resp: 238608
 Ion Ratio Lower Upper
 248 100
 250 95.2 78.0 117.0
 141 72.6 64.0 96.0



#68
 Hexachlorobenzene
 Concen: 41.234 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:284 Resp: 273223
 Ion Ratio Lower Upper
 284 100
 142 29.9 27.3 40.9
 249 29.9 24.8 37.2

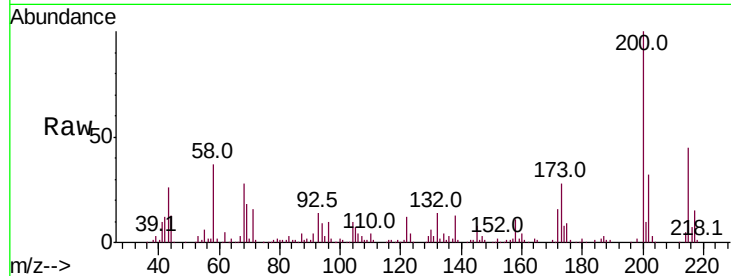




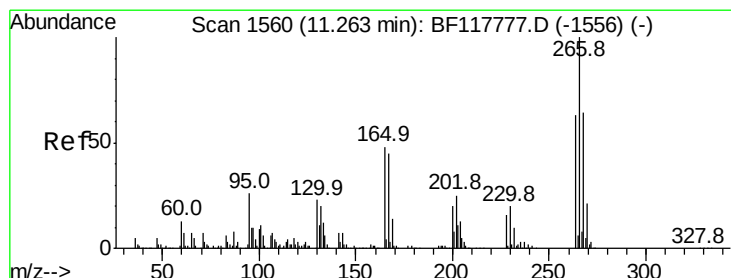
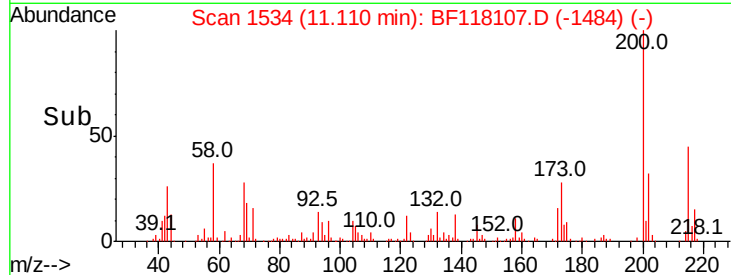
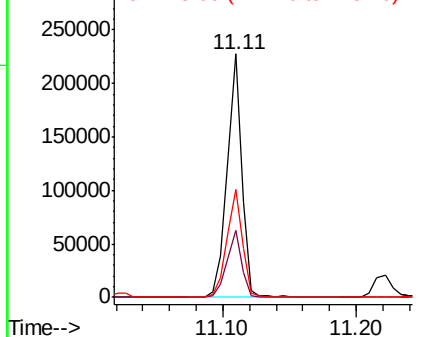
#69
Atrazine
Concen: 35.512 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 179049
Ion Ratio Lower Upper
200 100
173 27.7 7.9 47.9
215 44.5 27.0 67.0

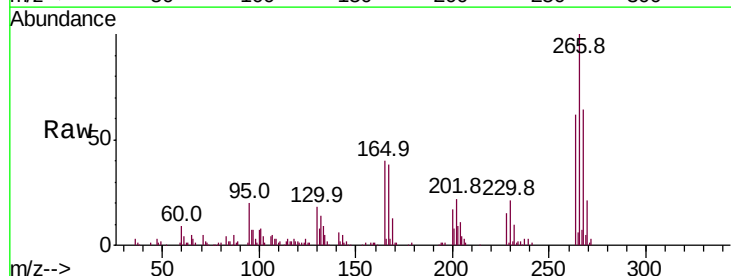


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

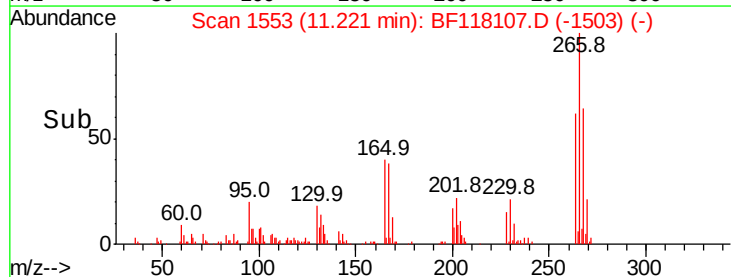
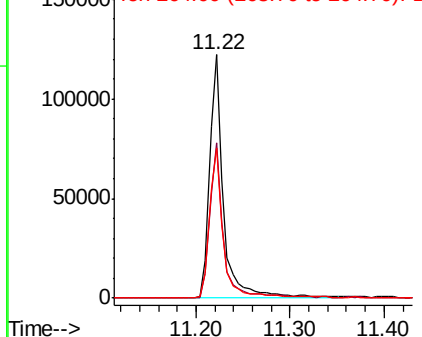


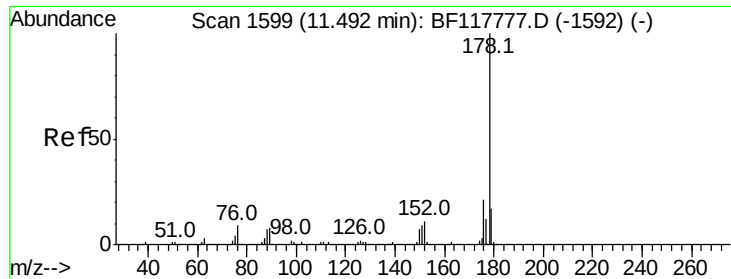
#70
Pentachlorophenol
Concen: 32.987 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion:266 Resp: 127700
Ion Ratio Lower Upper
266 100
268 63.7 50.3 75.5
264 61.7 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.191 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

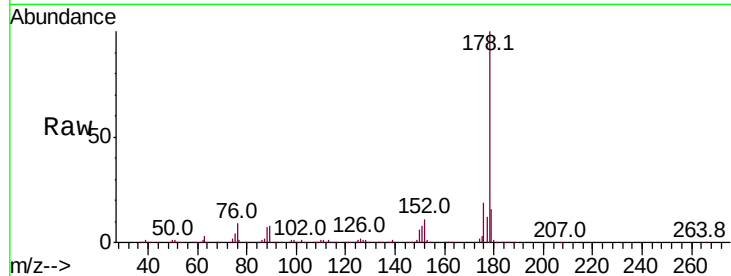
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1090685

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.8	12.3	18.5

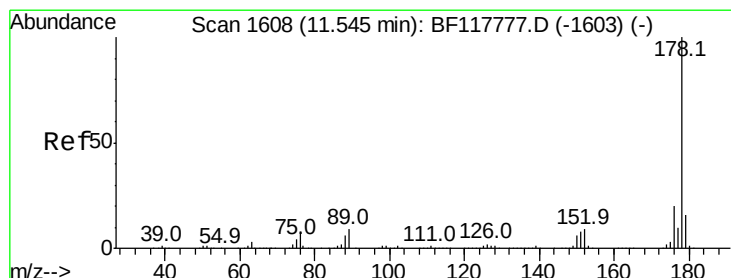
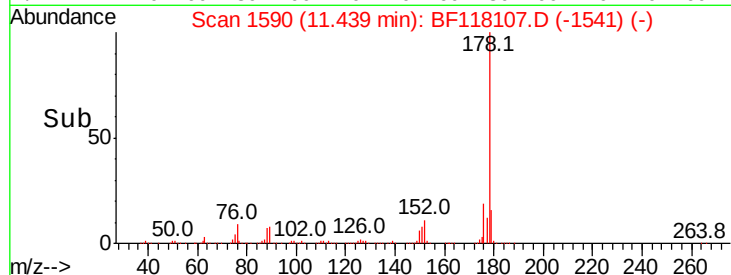
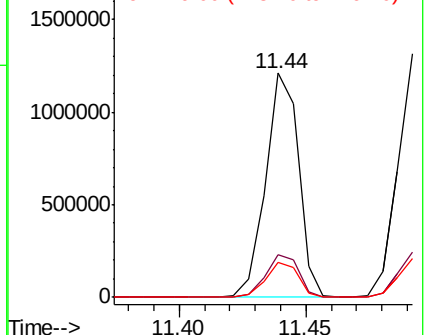


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.252 ng

RT: 11.49 min Scan# 1599

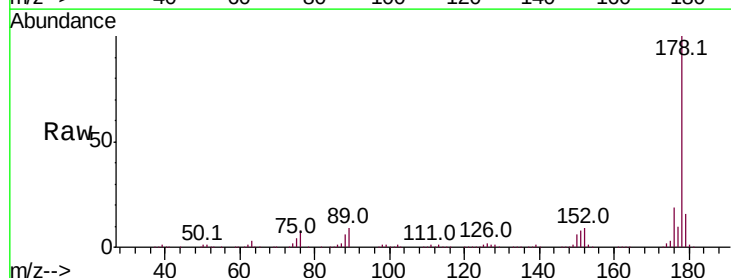
Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Tgt Ion:178 Resp: 1082981

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.0	12.8	19.2

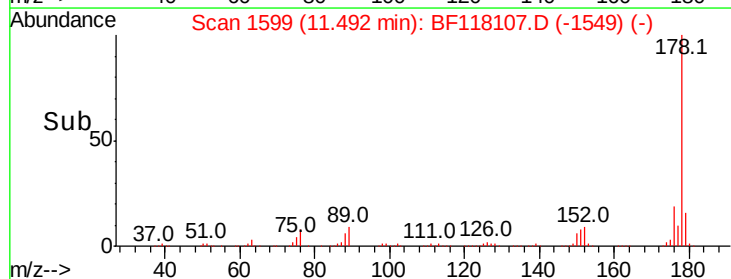
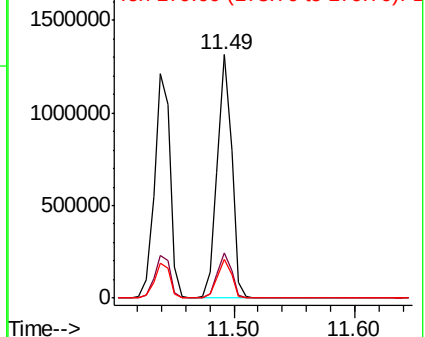


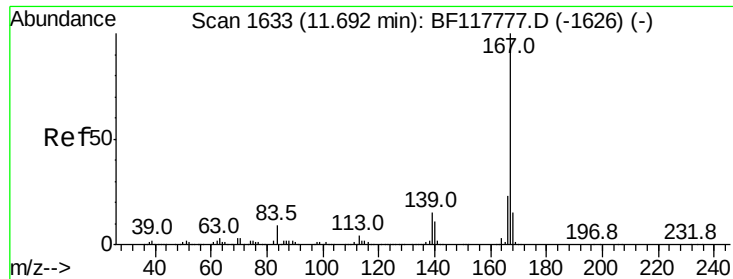
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

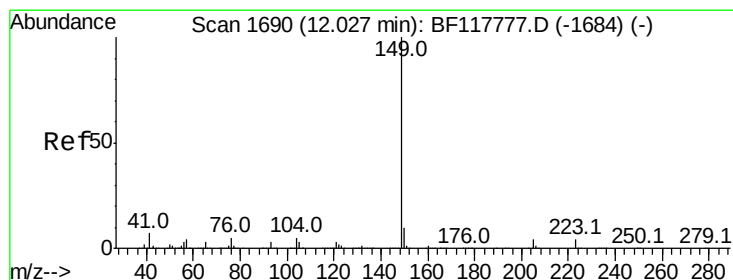
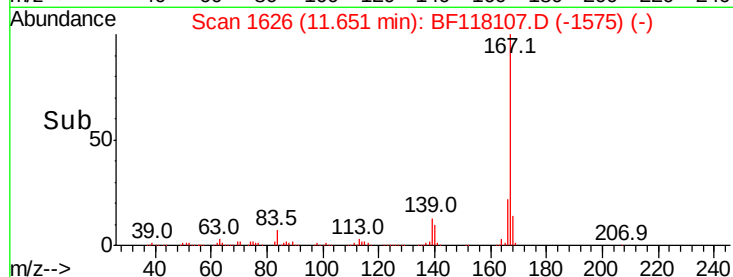
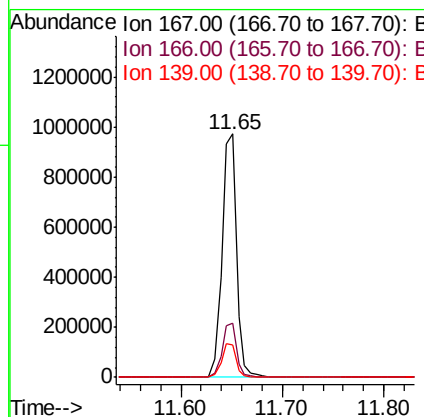
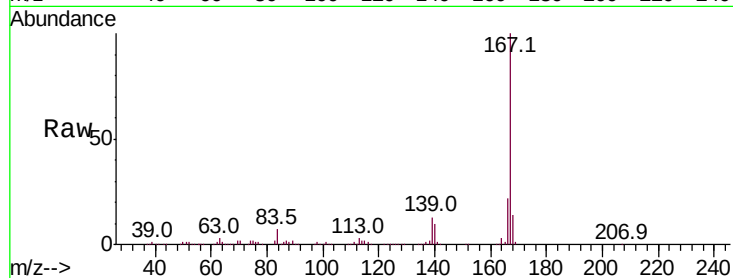




#73
 Carbazole
 Concen: 41.891 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

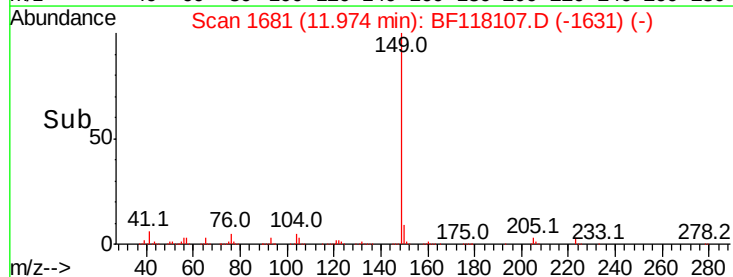
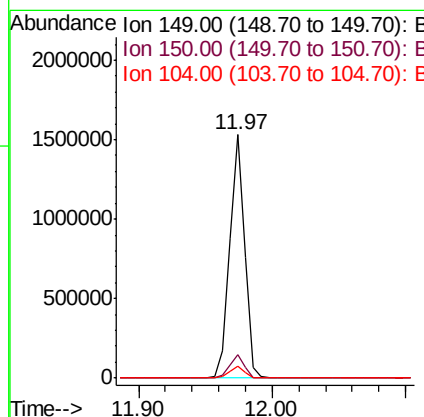
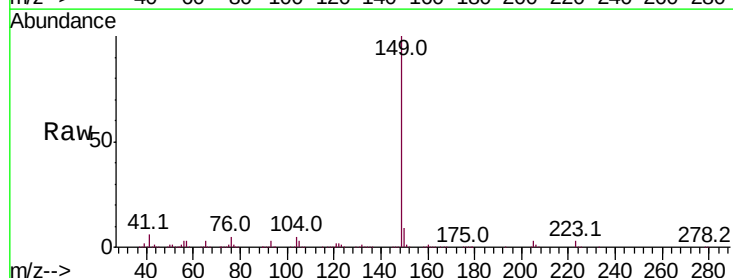
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

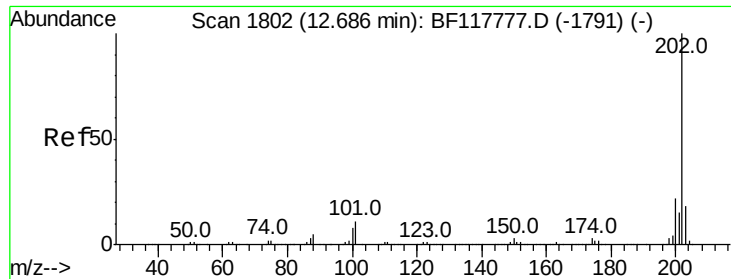
Tot Ion:167 Resp: 961025
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 42.527 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:149 Resp: 1214732
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.2 6.4

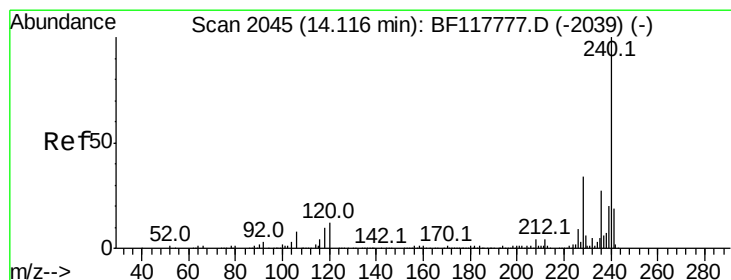
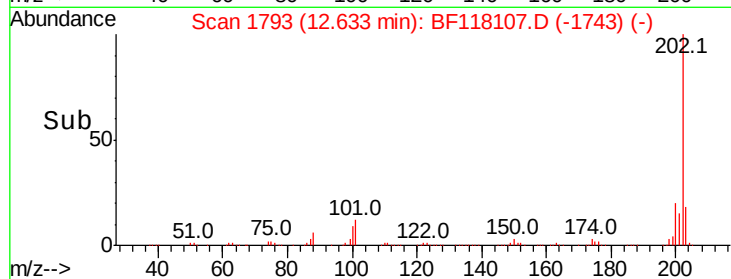
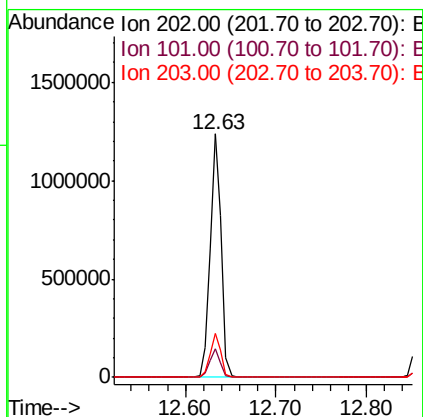
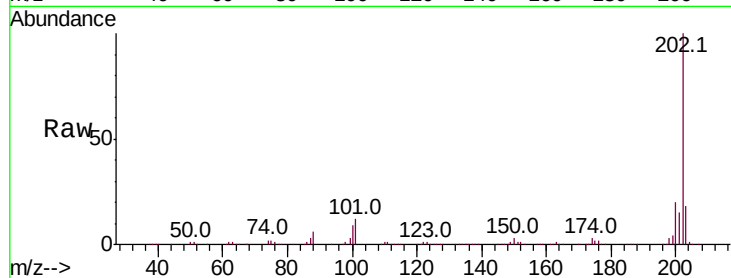




#75
 Fluoranthene
 Concen: 43.814 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

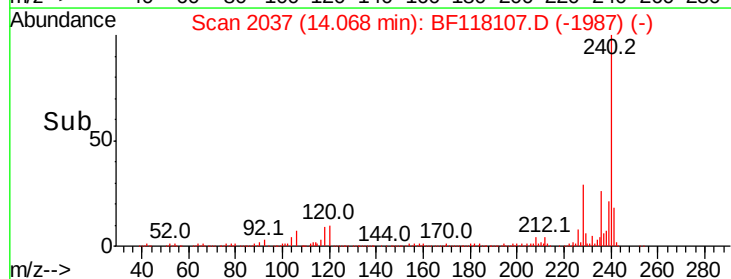
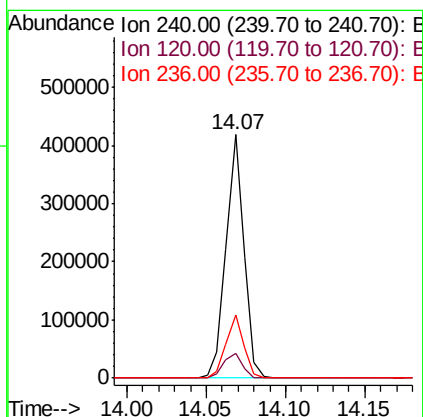
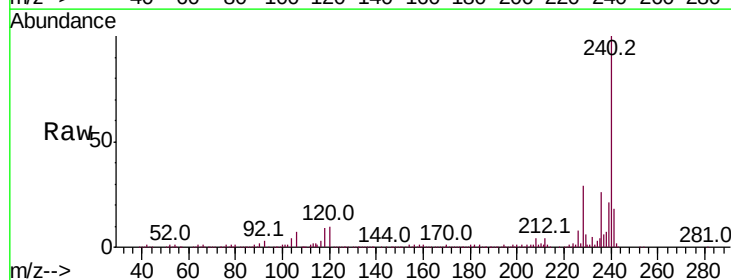
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

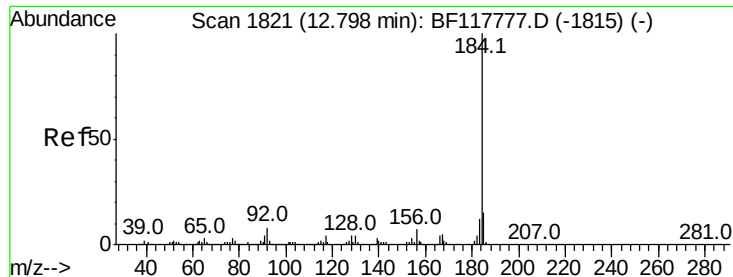
Tot Ion:202 Resp: 1061236
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.5
 203 17.8 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118107.D
 Acq: 5 Dec 2019 15:52

Tgt Ion:240 Resp: 329062
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 25.9 20.6 31.0





#77

Benzidine

Concen: 36.782 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

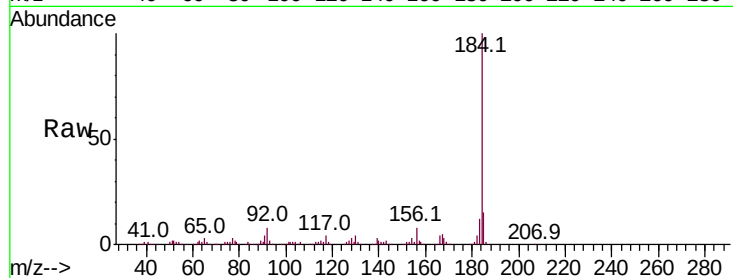
Tot Ion:184 Resp: 396462

Ion Ratio Lower Upper

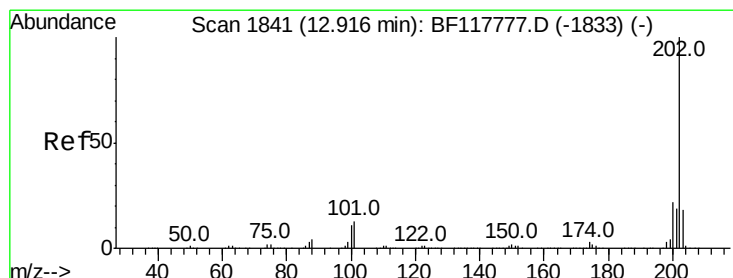
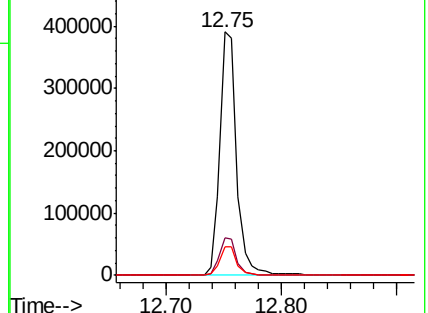
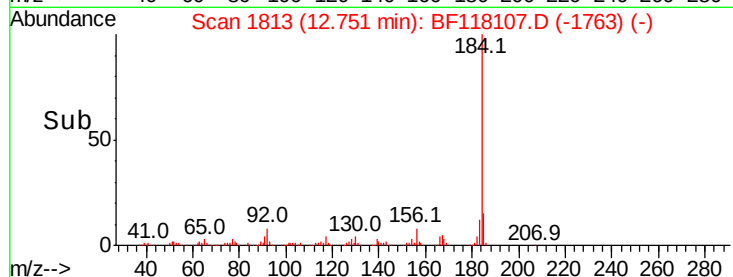
184 100

185 15.2 11.6 17.4

183 11.6 9.7 14.5



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



#78

Pyrene

Concen: 40.134 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

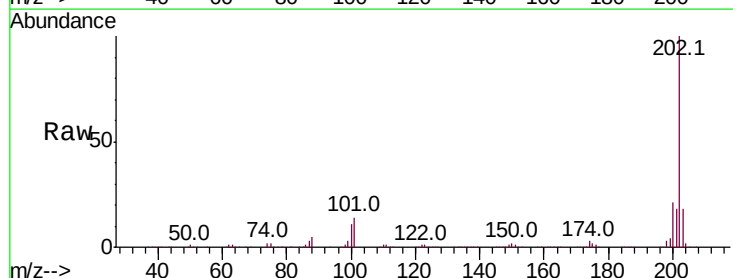
Tgt Ion:202 Resp: 1067300

Ion Ratio Lower Upper

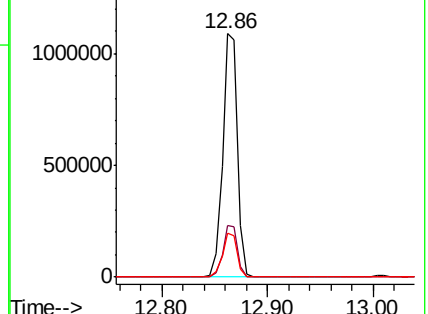
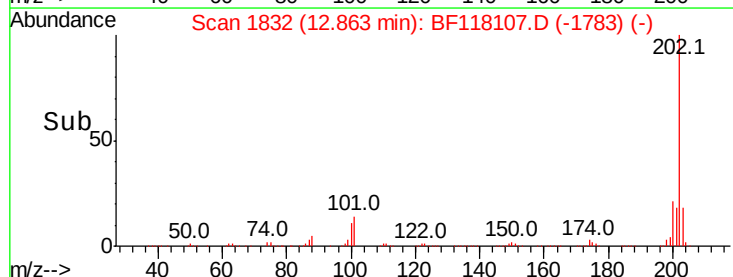
202 100

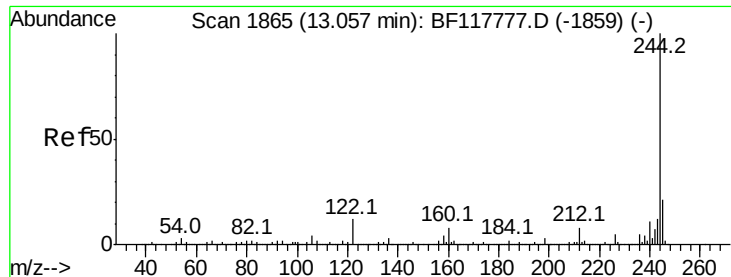
200 21.0 17.0 25.6

203 17.9 14.2 21.4



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: 87.708 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

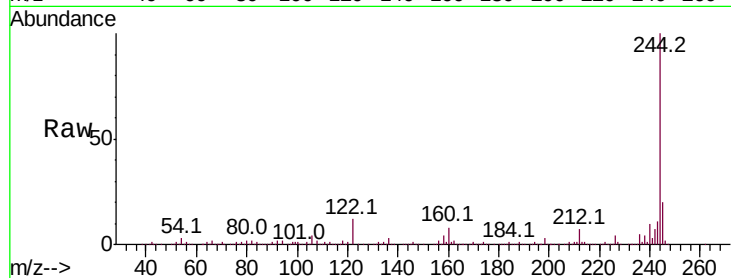
Tot Ion:244 Resp: 1579181

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

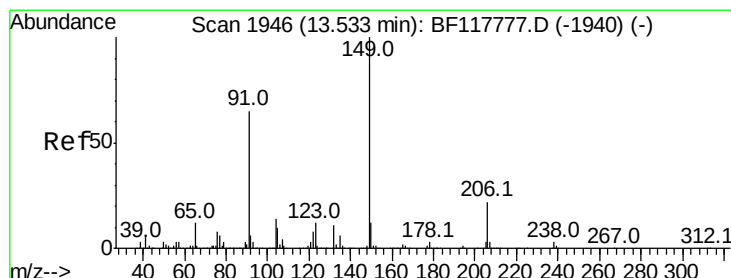
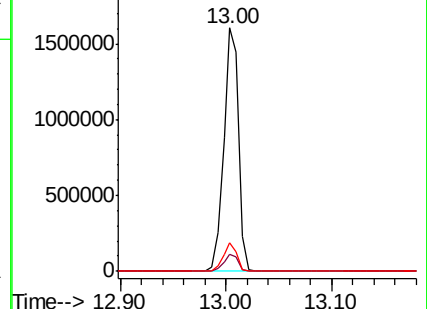
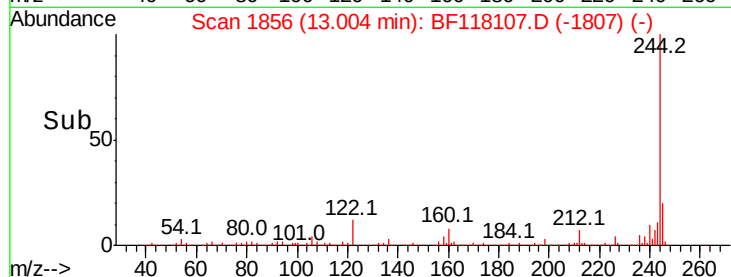
122 11.7 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.181 ng

RT: 13.48 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

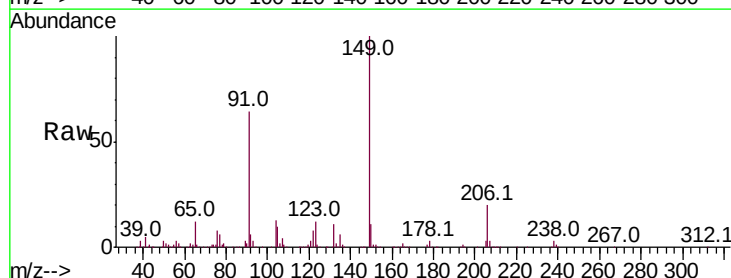
Tgt Ion:149 Resp: 470359

Ion Ratio Lower Upper

149 100

91 64.0 53.1 79.7

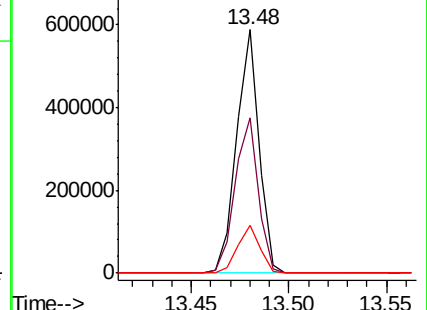
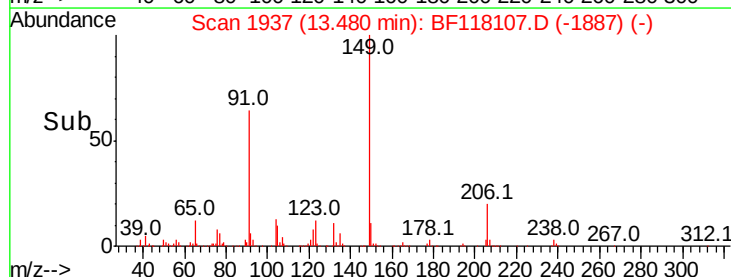
206 19.7 15.8 23.6

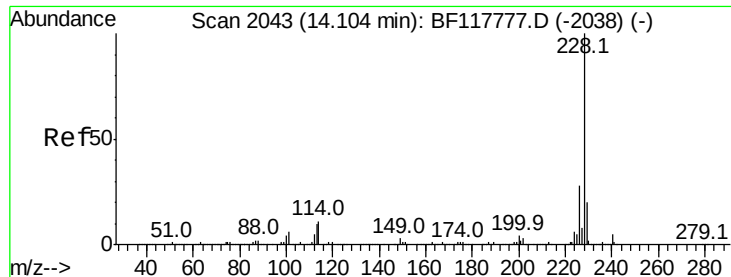


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.164 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

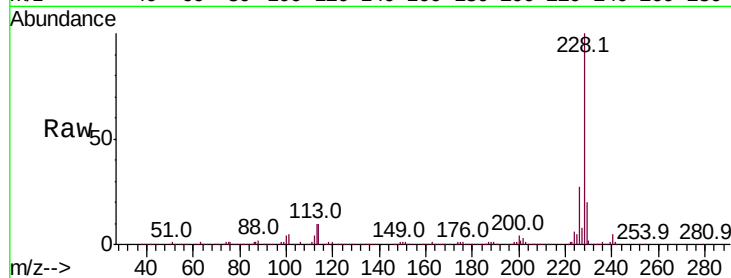
Tot Ion:228 Resp: 873366

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	20.1	16.2	24.2

228 100

226 26.9 21.9 32.9

229 20.1 16.2 24.2

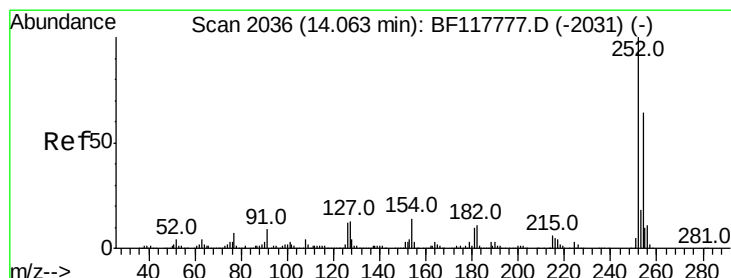
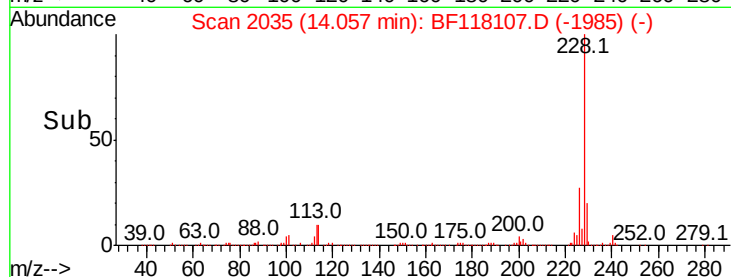
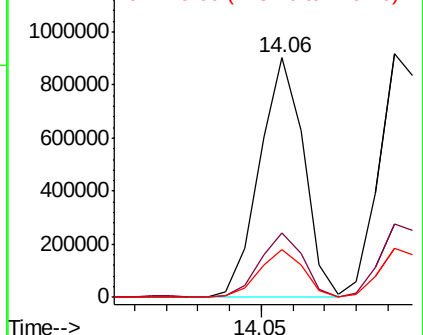


Abundance

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: 38.561 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

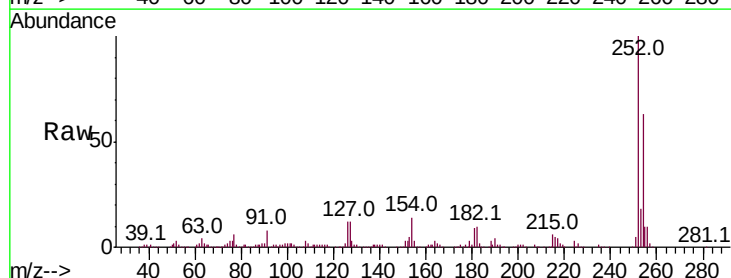
Tgt Ion:252 Resp: 293300

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.2	78.2
126	12.3	9.3	13.9

252 100

254 63.0 52.2 78.2

126 12.3 9.3 13.9

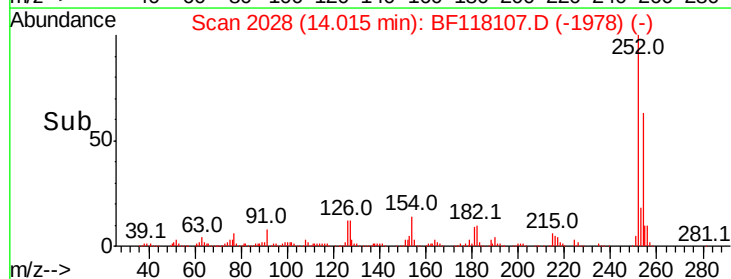
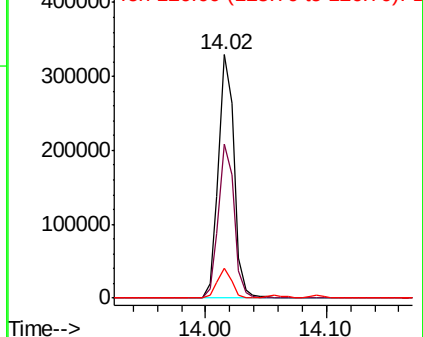


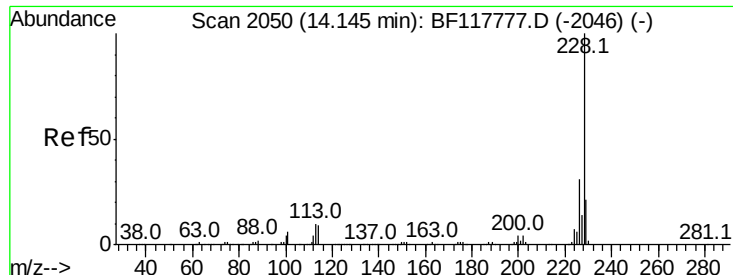
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

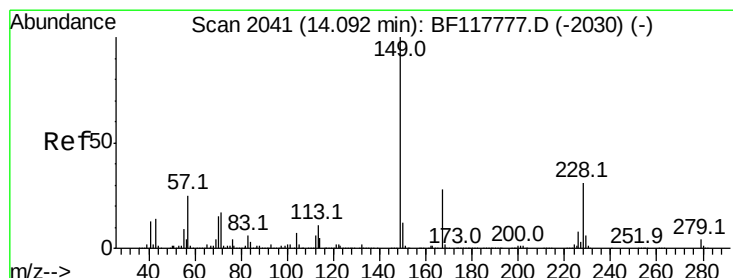
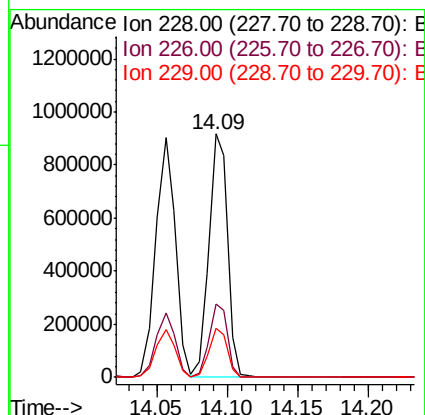
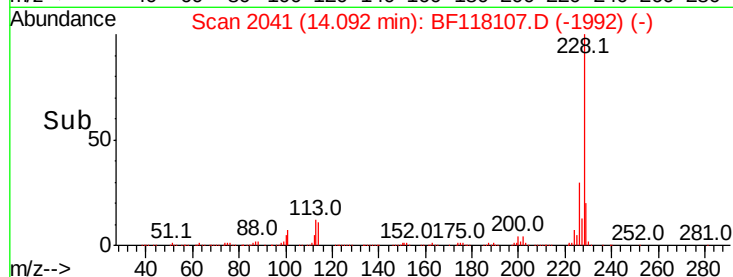
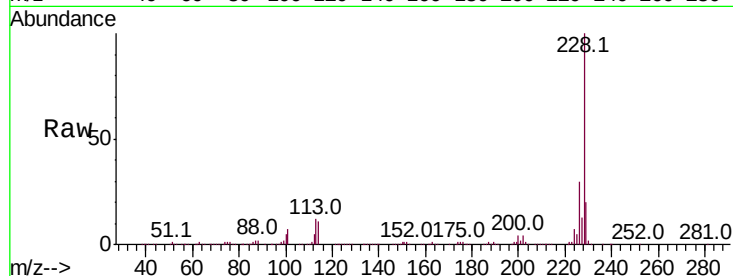




#83
Chrysene
Concen: 39.848 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

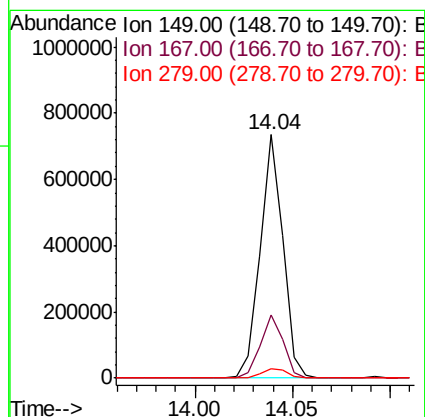
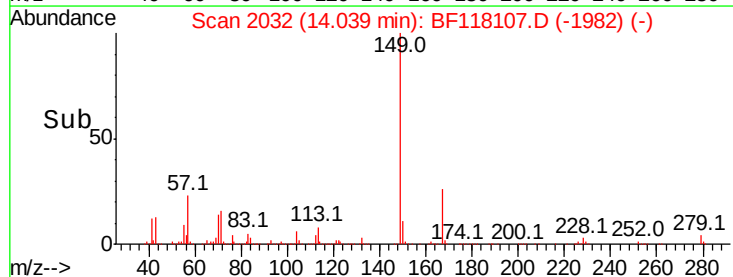
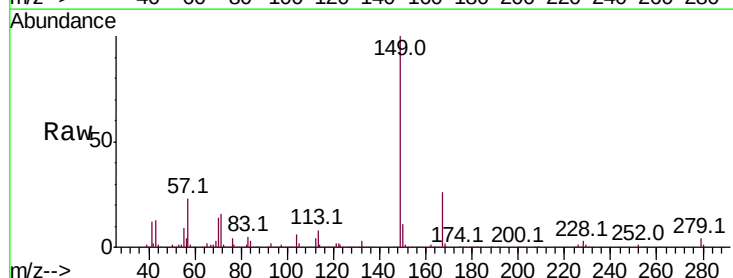
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

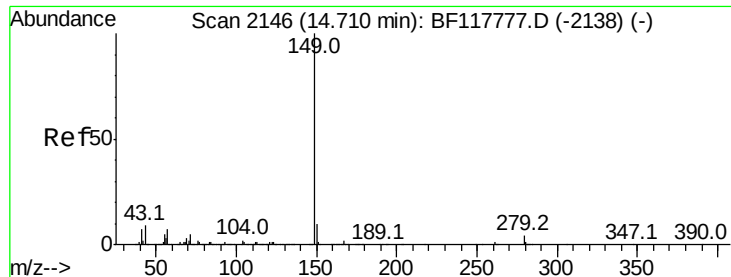
Tot Ion:228 Resp: 839630
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 20.4 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.872 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion:149 Resp: 593665
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.8
279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 43.002 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

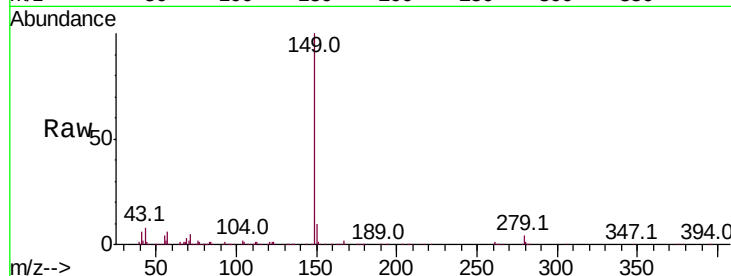
Tot Ion:149 Resp: 874789

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

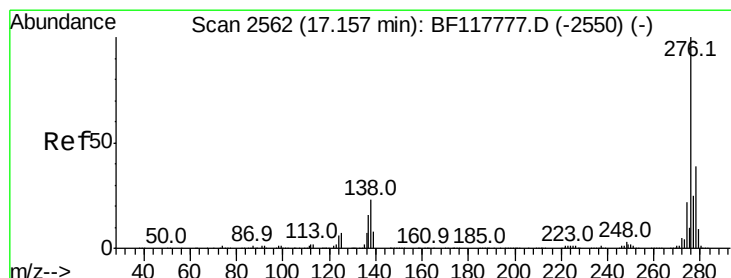
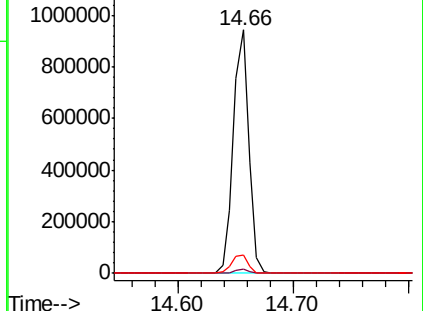
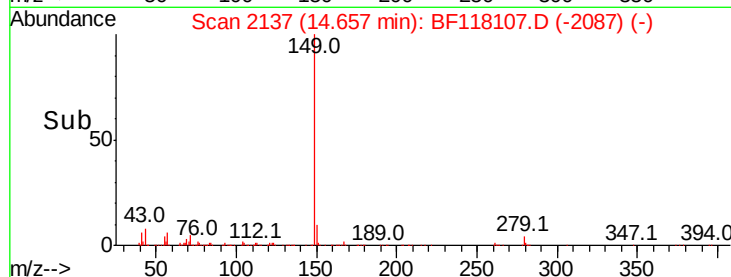
43 7.9 6.4 9.6



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: 38.634 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

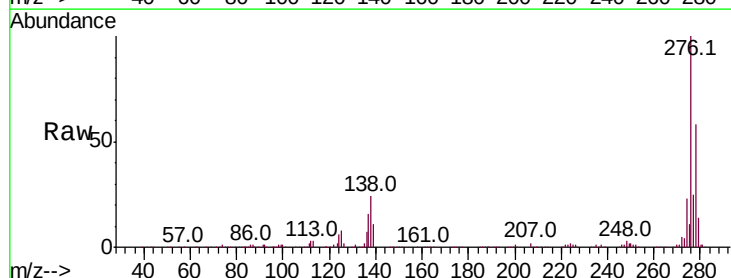
Tgt Ion:276 Resp: 692831

Ion Ratio Lower Upper

276 100

138 24.1 19.0 28.6

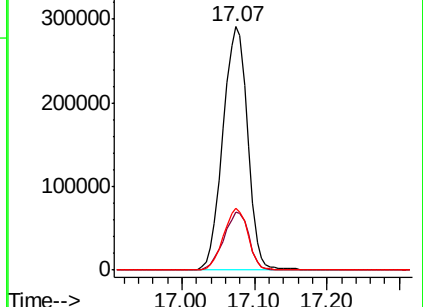
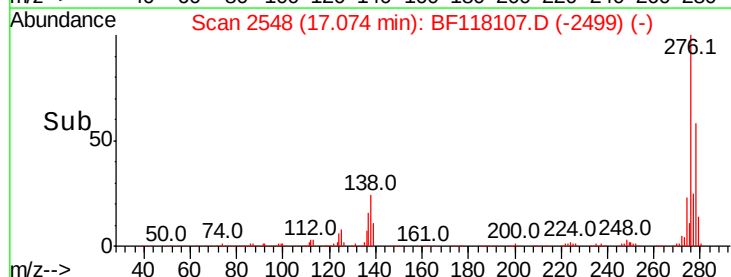
277 25.1 20.7 31.1

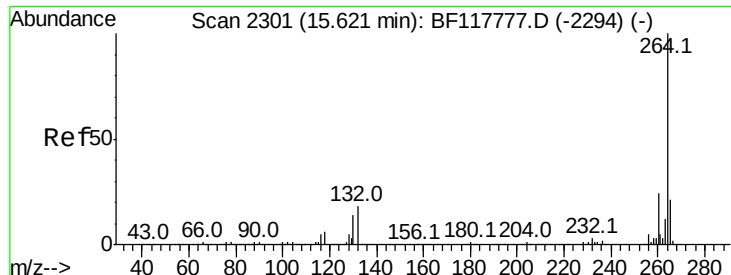


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

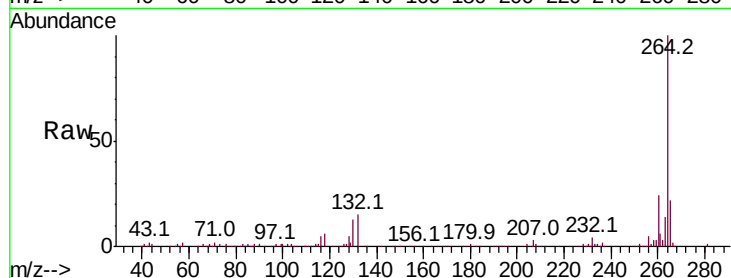
Tot Ion:264 Resp: 283227

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

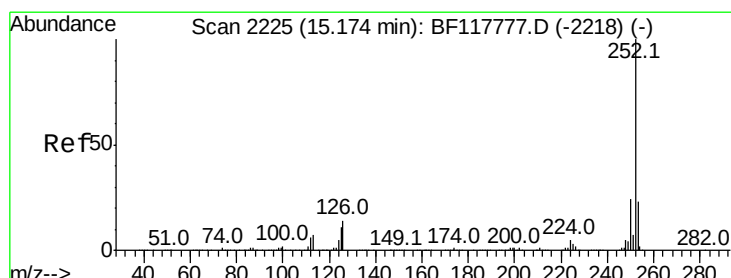
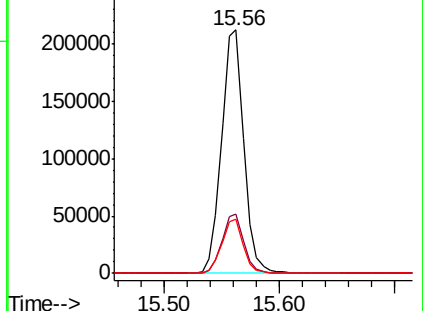
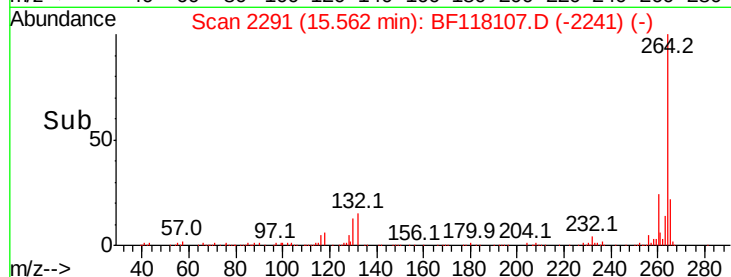
265 22.3 16.4 24.6



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: 38.073 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

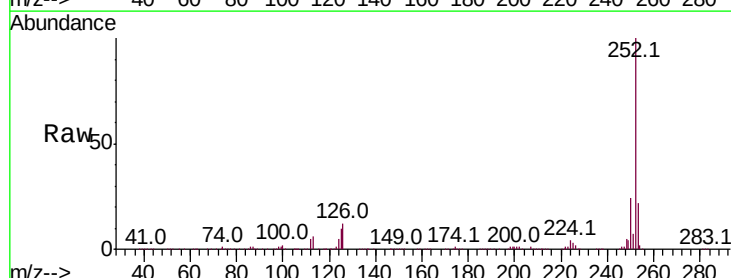
Tgt Ion:252 Resp: 700593

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

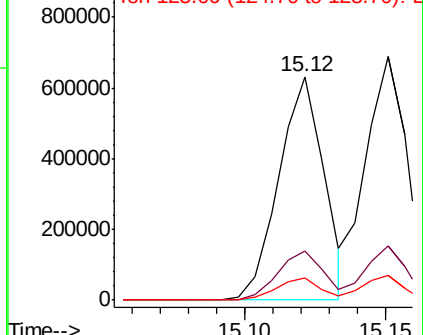
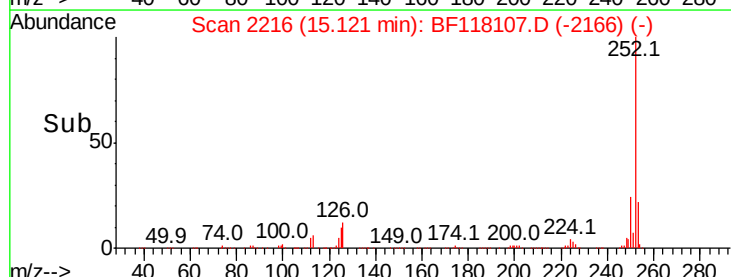
125 9.9 7.7 11.5

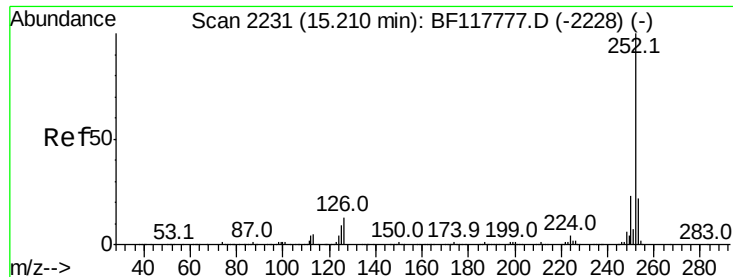


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

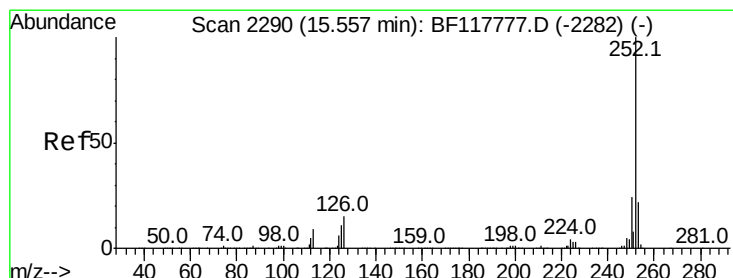
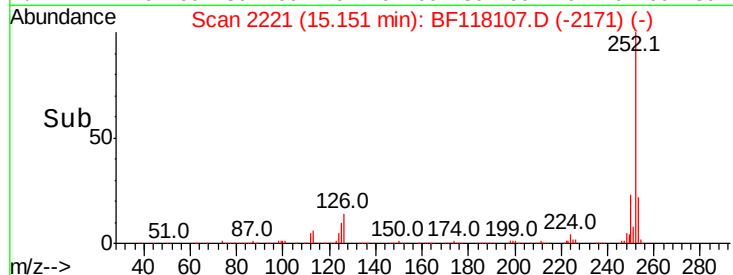
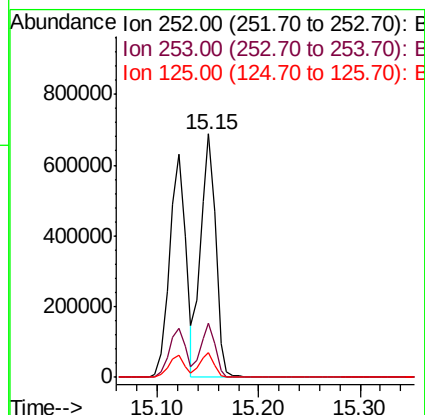
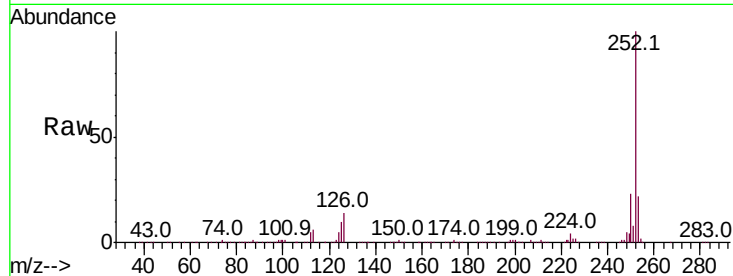




#89
Benzo(k)fluoranthene
Concen: 40.826 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

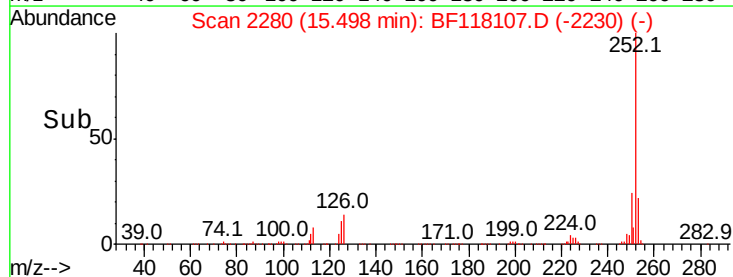
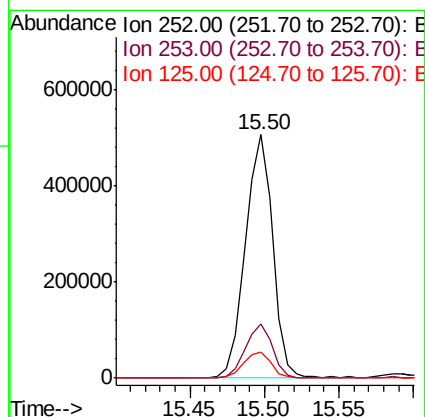
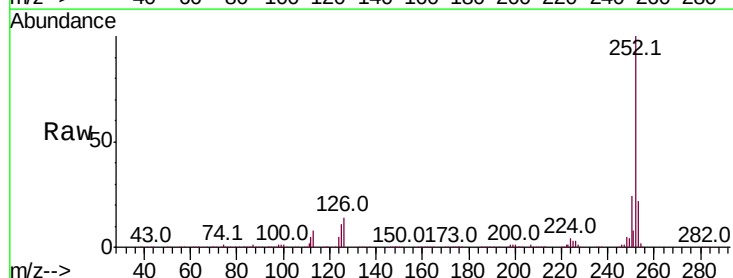
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

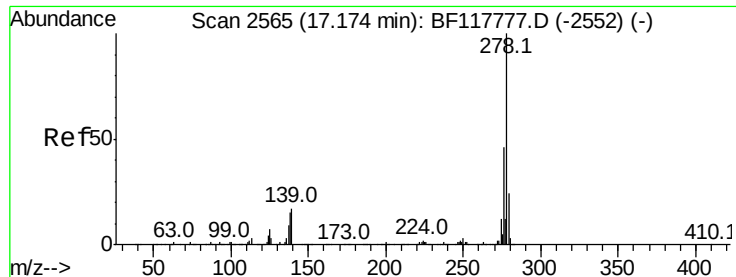
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	10.1	8.5	12.7



#90
Benzo(a)pyrene
Concen: 39.578 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF118107.D
Acq: 5 Dec 2019 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.7	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.698 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

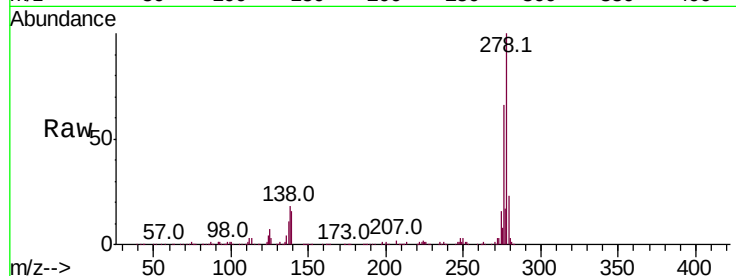
Tot Ion:278 Resp: 566810

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

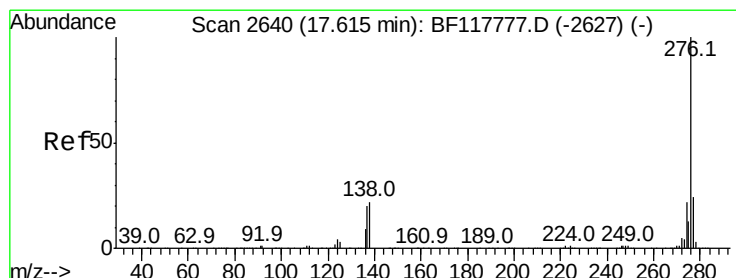
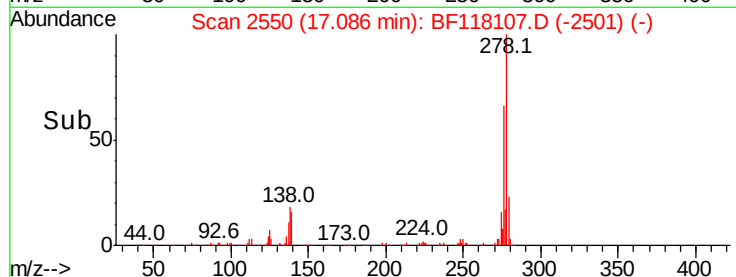
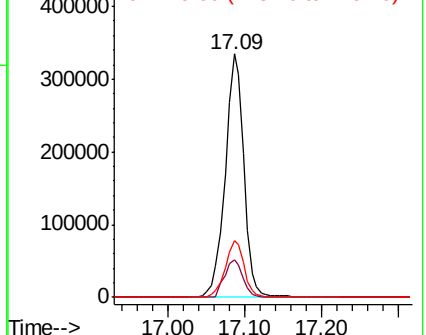
279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.435 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.01 min

Lab File: BF118107.D

Acq: 5 Dec 2019 15:52

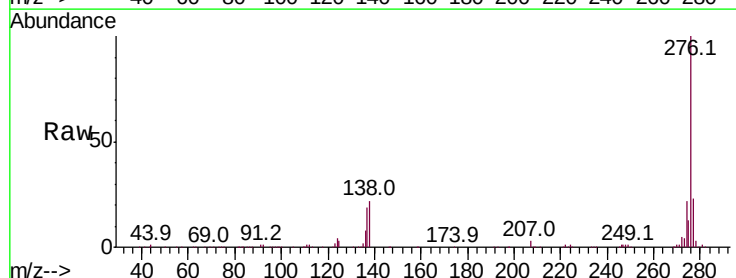
Tgt Ion:276 Resp: 560909

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 22.2 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

