

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117782.D
 Acq On : 13 Nov 2019 18:35
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

Quant Time: Nov 14 04:47:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276430	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1072115	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	559886	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1071045	20.00	ng	0.00
76) Chrysene-d12	14.12	240	714630	20.00	ng	0.00
87) Perylene-d12	15.63	264	645390	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1173678	75.16	ng	0.00
7) Phenol-d6	6.55	99	1430274	75.93	ng	0.00
23) Nitrobenzene-d5	7.49	82	1414177	78.41	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	464619	78.38	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2600779	83.34	ng	0.00
79) Terphenyl-d14	13.06	244	2821613	72.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	272693	37.357	ng	99
3) Pyridine	3.49	79	737331	38.506	ng	98
4) n-Nitrosodimethylamine	3.45	42	320517	38.345	ng	99
6) Aniline	6.59	93	972721	39.079	ng	99
8) 2-Chlorophenol	6.71	128	669218	39.493	ng	98
9) Benzaldehyde	6.47	77	480647	39.228	ng	99
10) Phenol	6.56	94	762481	38.955	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	608154	38.691	ng	99
12) 1,3-Dichlorobenzene	6.87	146	782092	39.203	ng	98
13) 1,4-Dichlorobenzene	6.95	146	793076	39.329	ng	98
14) 1,2-Dichlorobenzene	7.10	146	741475	38.447	ng	99
15) Benzyl Alcohol	7.06	79	576963	39.675	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	949246	39.225	ng	100
17) 2-Methylphenol	7.17	107	564501	39.338	ng	98
18) Hexachloroethane	7.45	117	292912	39.541	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	463283	39.868	ng	98
20) 3+4-Methylphenols	7.33	107	691135	38.799	ng	88
22) Acetophenone	7.34	105	930948	38.649	ng	97
24) Nitrobenzene	7.51	77	729903	39.230	ng	97
25) Isophorone	7.75	82	1261152	38.152	ng	99
26) 2-Nitrophenol	7.83	139	361873	39.960	ng	98
27) 2,4-Dimethylphenol	7.86	122	543746	38.641	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	811413	38.682	ng	100
29) 2,4-Dichlorophenol	8.07	162	589899	38.647	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	676244	38.195	ng	98
31) Naphthalene	8.24	128	1965246	39.320	ng	100
32) Benzoic acid	7.97	122	454541	38.578	ng	97
33) 4-Chloroaniline	8.28	127	868238	38.803	ng	99
34) Hexachlorobutadiene	8.36	225	401189	38.756	ng	99
35) Caprolactam	8.65	113	191309	39.436	ng	98
36) 4-Chloro-3-methylphenol	8.76	107	599002	38.668	ng	96
37) 2-Methylnaphthalene	8.93	142	1320822	39.112	ng	99
38) 1-Methylnaphthalene	9.03	142	1244397	38.977	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	635536	39.087	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	350763	38.495	nq	99
43) 2,4,6-Trichlorophenol	9.20	196	451022	38.727	nq	97
44) 2,4,5-Trichlorophenol	9.25	196	472543	39.079	nq	96
46) 1,1'-Biphenyl	9.40	154	1638299	39.441	nq	99
47) 2-Chloronaphthalene	9.42	162	1338739	39.177	nq	99
48) 2-Nitroaniline	9.52	65	407814	39.530	nq	93
49) Acenaphthylene	9.84	152	1969754	39.537	nq	99
50) Dimethylphthalate	9.70	163	1529481	38.956	nq	99
51) 2,6-Dinitrotoluene	9.76	165	342431	39.907	nq	95
52) Acenaphthene	10.02	154	1254484	39.307	nq	99
53) 3-Nitroaniline	9.93	138	407944	39.731	nq	100
54) 2,4-Dinitrophenol	10.03	184	162574	40.768	nq	# 86
55) Dibenzofuran	10.19	168	1744254	39.468	nq	99
56) 4-Nitrophenol	10.07	139	313178	40.863	nq	98
57) 2,4-Dinitrotoluene	10.16	165	449997	41.226	nq	93
58) Fluorene	10.53	166	1311338	38.290	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	394532	39.710	nq	99
60) Diethylphthalate	10.40	149	1519646	39.701	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	684135	39.363	nq	97
62) 4-Nitroaniline	10.55	138	409025	39.787	nq	97
63) Azobenzene	10.68	77	1379481	39.613	nq	98
65) 4,6-Dinitro-2-methylphenol	10.57	198	208950	41.790	nq	82
66) n-Nitrosodiphenylamine	10.64	169	1202494	38.578	nq	100
67) 4-Bromophenyl-phenylether	11.01	248	442930	38.328	nq	94
68) Hexachlorobenzene	11.08	284	519007	38.515	nq	95
69) Atrazine	11.16	200	392246	38.254	nq	99
70) Pentachlorophenol	11.27	266	315033	40.016	nq	97
71) Phenanthrene	11.50	178	2042992	37.940	nq	100
72) Anthracene	11.54	178	2025208	37.933	nq	99
73) Carbazole	11.70	167	1840206	39.443	nq	100
74) Di-n-butylphthalate	12.03	149	2226593	38.331	nq	99
75) Fluoranthene	12.69	202	2065386	41.541	nq	97
77) Benzidine	12.80	184	889920	38.017	nq	96
78) Pyrene	12.92	202	2084598	36.095	nq	99
80) Butylbenzylphthalate	13.53	149	937771	37.806	nq	92
81) Benzo(a)anthracene	14.11	228	1798854	38.092	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	639213	38.697	nq	99
83) Chrysene	14.15	228	1729689	37.799	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1194247	39.712	nq	99
85) Di-n-octyl phthalate	14.72	149	1850291	41.882	nq	100
86) Indeno(1,2,3-cd)pyrene	17.17	276	1431773	36.763	nq	100
88) Benzo(b)fluoranthene	15.18	252	1632712	38.938	nq	99
89) Benzo(k)fluoranthene	15.22	252	1513741	38.314	nq	99
90) Benzo(a)pyrene	15.56	252	1388183	37.649	nq	99
91) Dibenzo(a,h)anthracene	17.19	278	1169335	36.845	nq	97
92) Benzo(g,h,i)perylene	17.63	276	1130617	35.767	nq	99

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

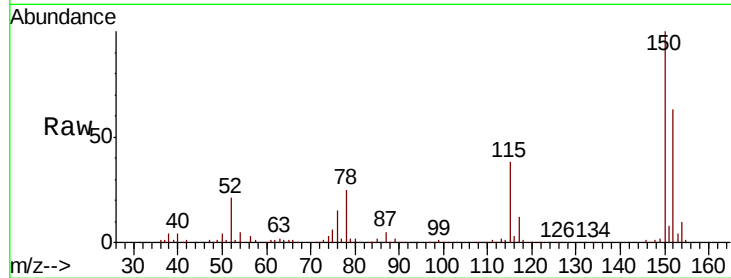


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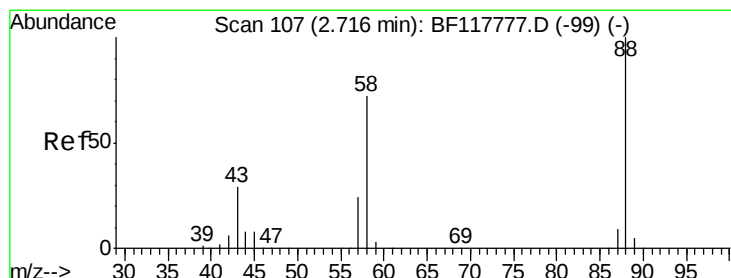
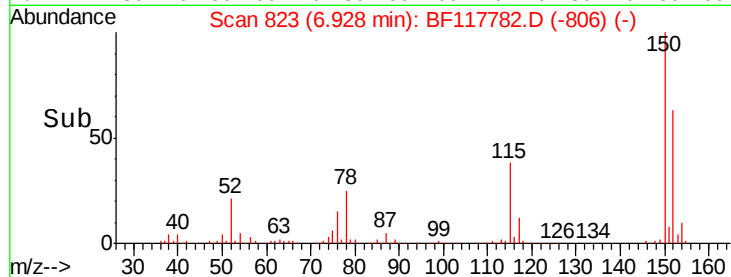
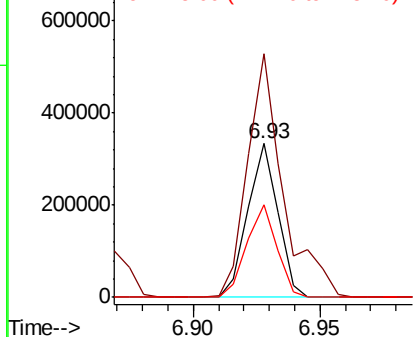
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion:152 Resp: 276430
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 60.6 47.0 70.4



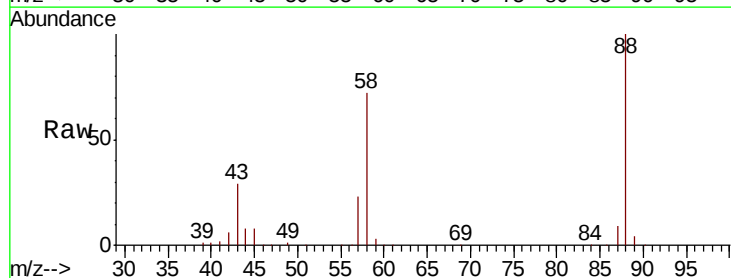
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



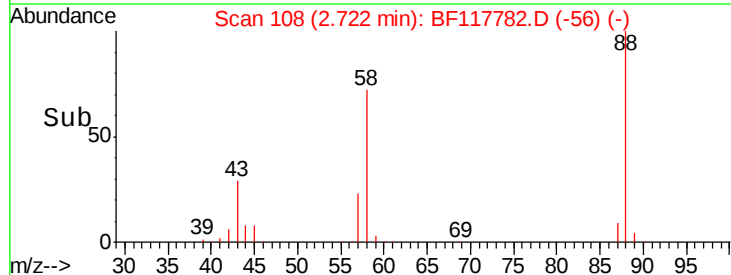
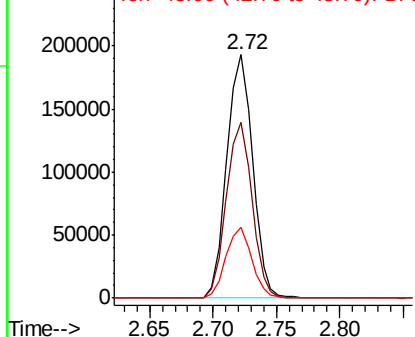
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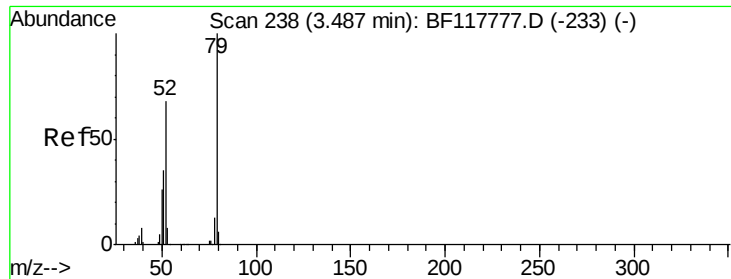
1,4-Dioxane
Concen: 37.357 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion: 88 Resp: 272693
Ion Ratio Lower Upper
88 100
58 71.8 58.2 87.2
43 29.0 23.3 34.9



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: 38.506 ng

RT: 3.49 min Scan# 238

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

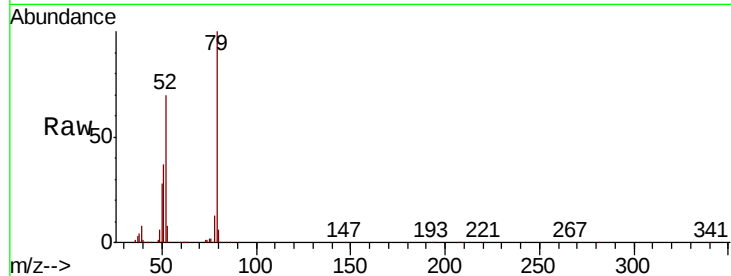
Tot Ion: 79 Resp: 737331

Ion Ratio Lower Upper

79 100

52 70.4 54.8 82.2

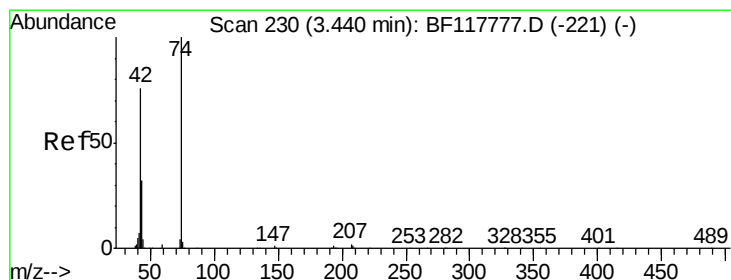
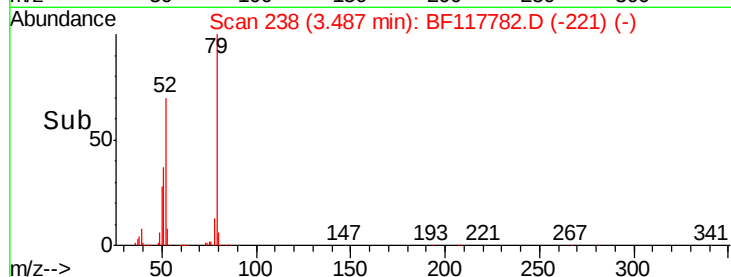
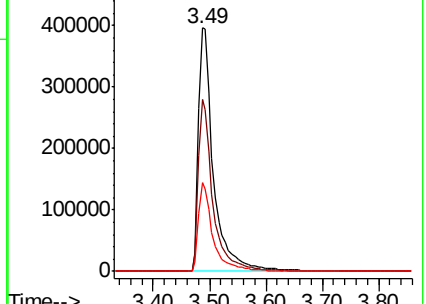
51 36.5 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.345 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

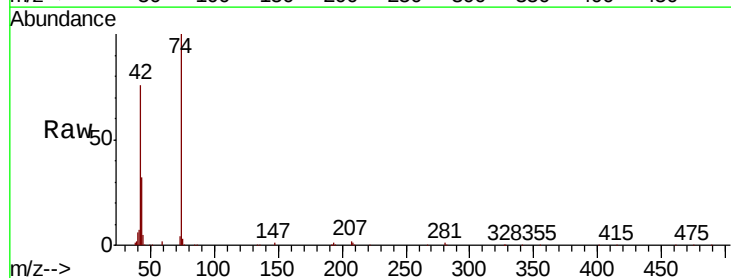
Tgt Ion: 42 Resp: 320517

Ion Ratio Lower Upper

42 100

74 130.8 105.1 157.7

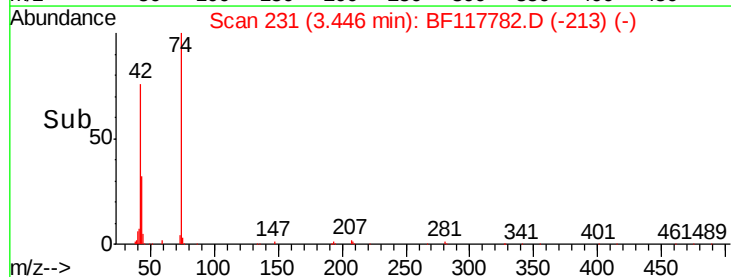
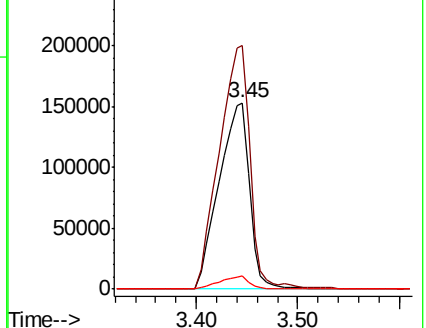
44 6.8 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.156 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

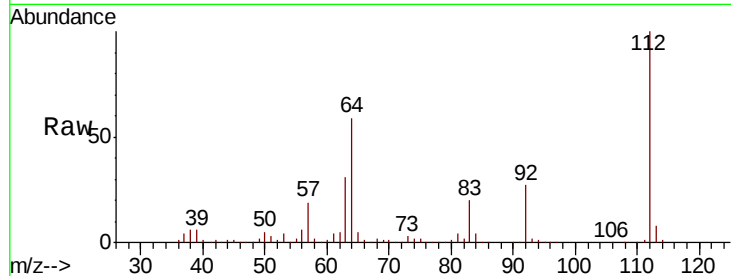
Tot Ion:112 Resp: 1173678

Ion Ratio Lower Upper

112 100

64 58.9 45.6 68.4

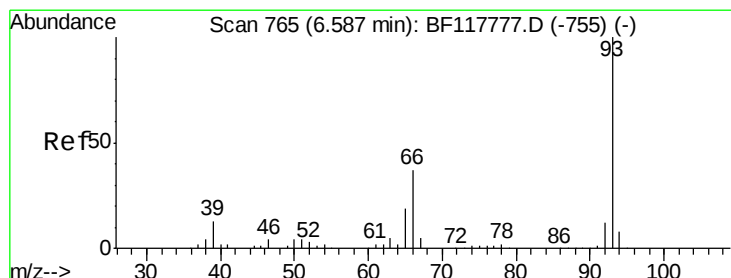
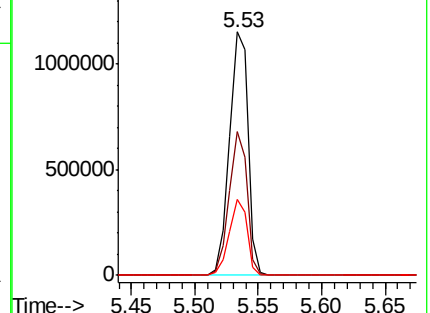
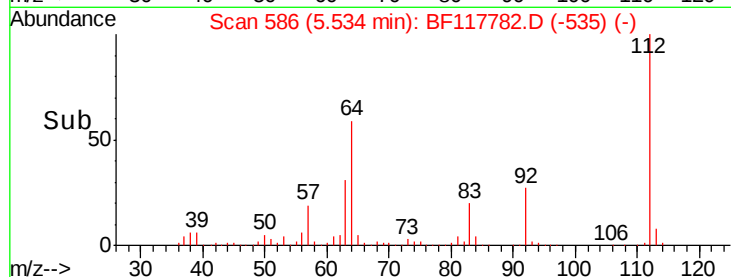
63 31.3 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.079 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

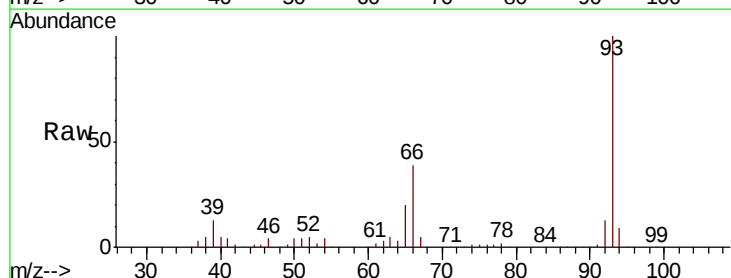
Tgt Ion: 93 Resp: 972721

Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

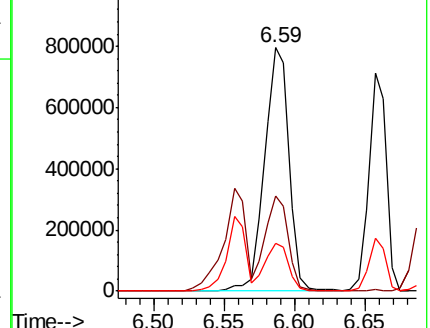
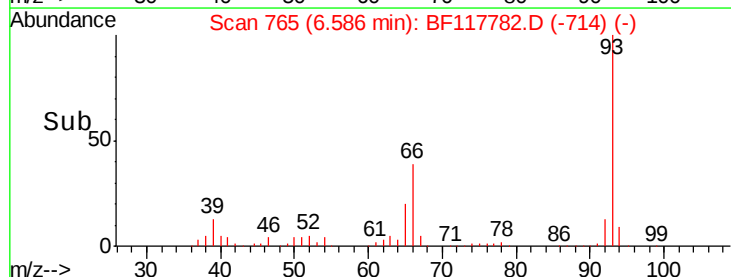
65 19.9 15.6 23.4

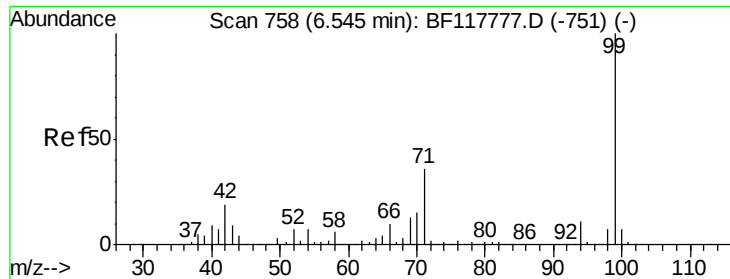


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.933 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

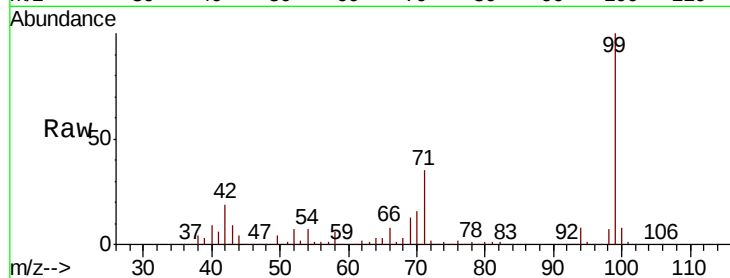
Tot Ion: 99 Resp: 1430274

Ion Ratio Lower Upper

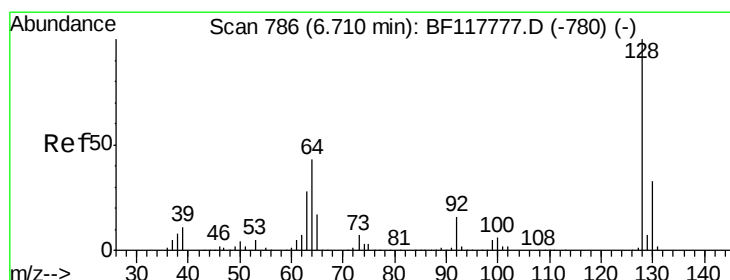
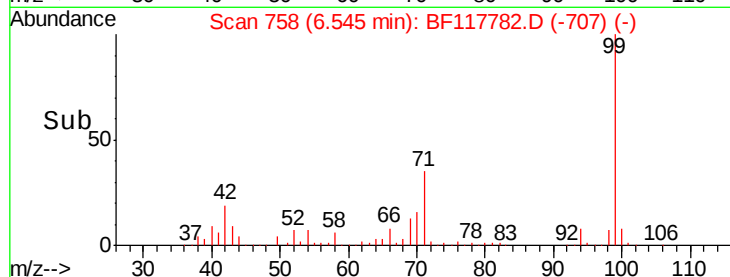
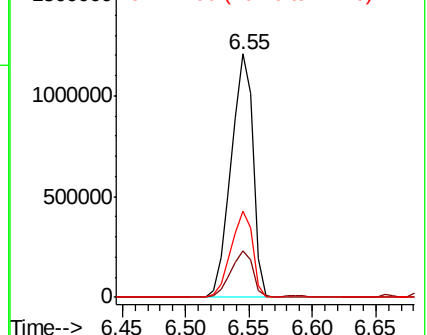
99 100

42 19.0 14.9 22.3

71 35.2 28.6 43.0



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



#8

2-Chlorophenol

Concen: 39.493 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

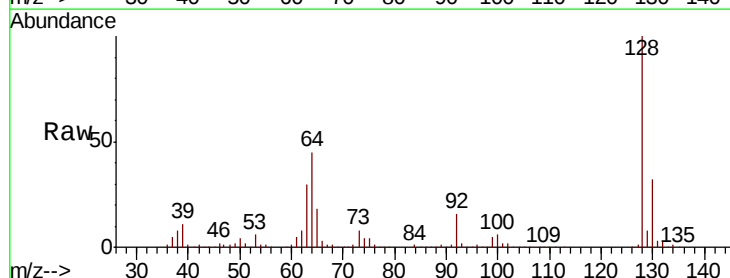
Tgt Ion:128 Resp: 669218

Ion Ratio Lower Upper

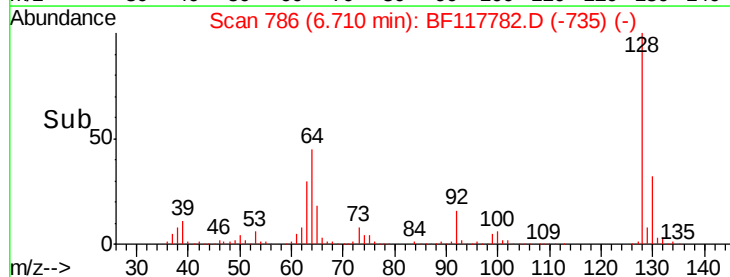
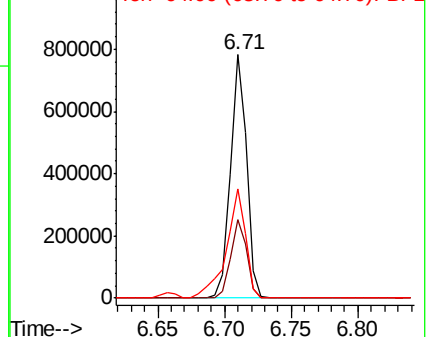
128 100

130 32.4 13.2 53.2

64 45.1 23.7 63.7



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

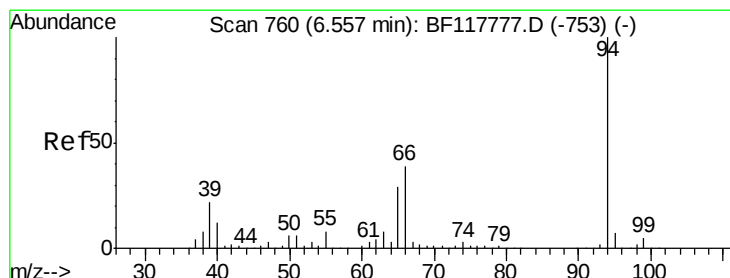
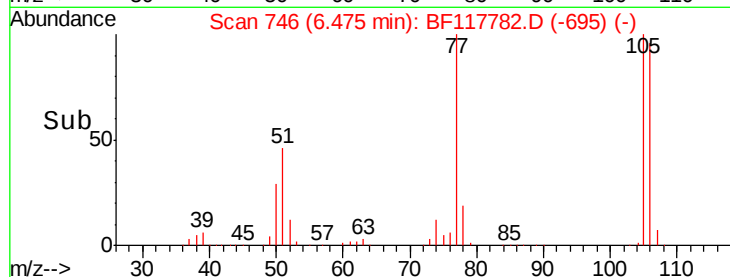
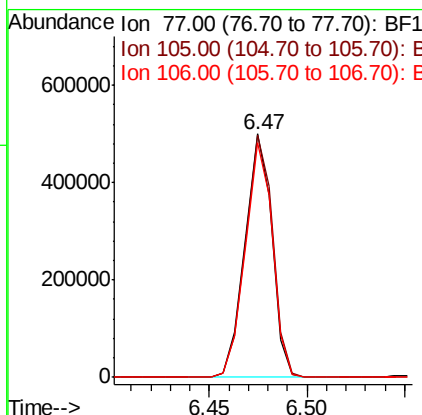
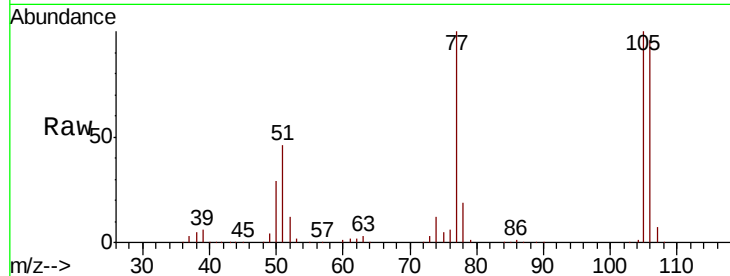




#9
Benzaldehyde
Concen: 39.228 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

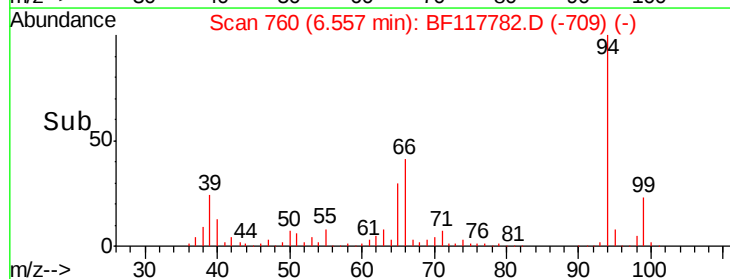
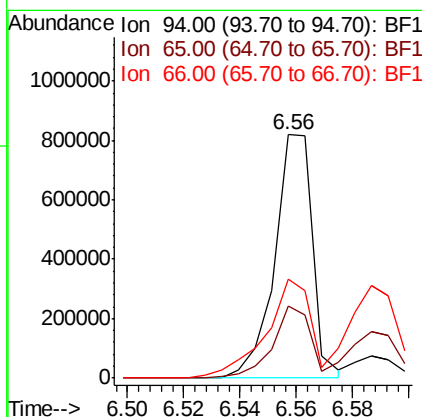
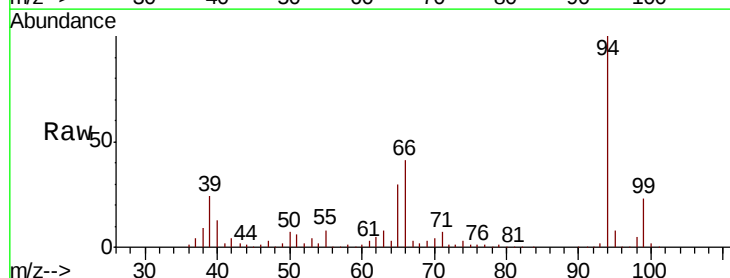
Instrument :
BNA_F
ClientSampleId :
ICVBF111319

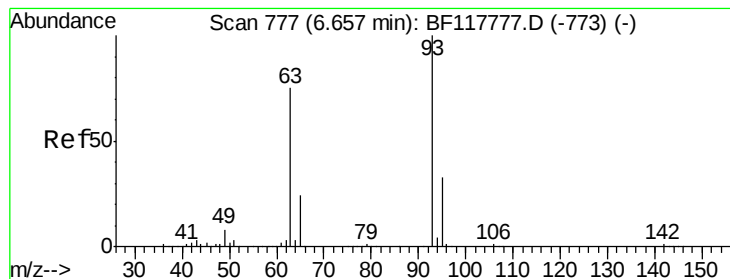
Tot Ion: 77 Resp: 480647
Ion Ratio Lower Upper
77 100
105 99.6 80.2 120.2
106 96.4 78.4 118.4



#10
Phenol
Concen: 38.955 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion: 94 Resp: 762481
Ion Ratio Lower Upper
94 100
65 29.9 8.9 48.9
66 40.8 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 38.691 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

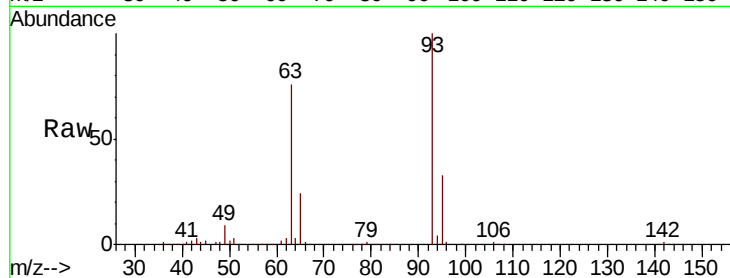
Tot Ion: 93 Resp: 608154

Ion Ratio Lower Upper

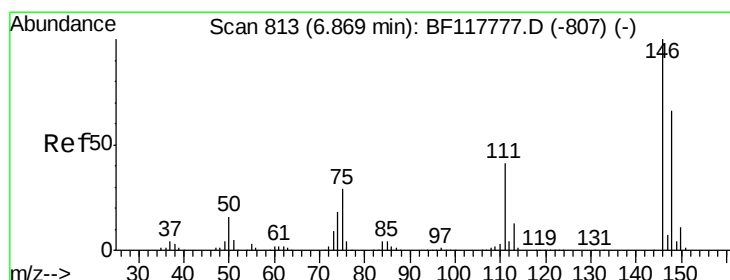
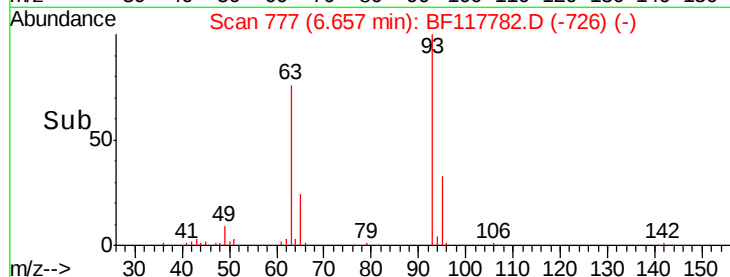
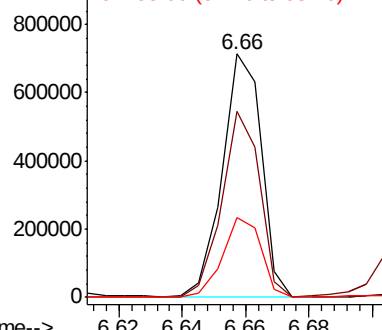
93 100

63 76.4 54.8 94.8

95 32.6 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.203 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

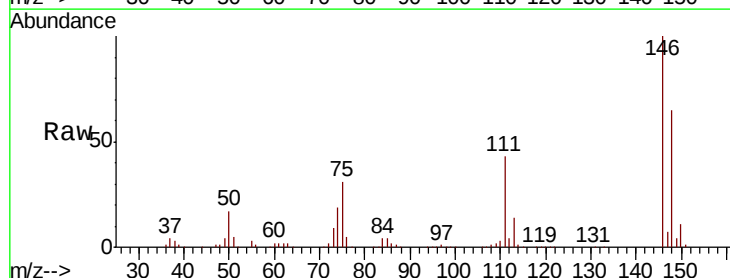
Tgt Ion: 146 Resp: 782092

Ion Ratio Lower Upper

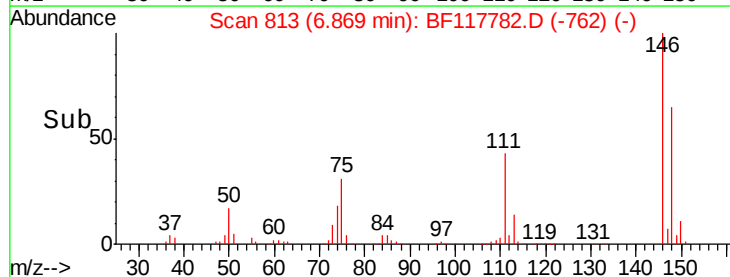
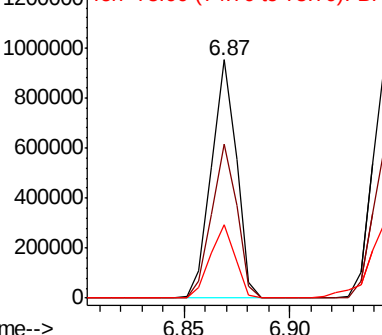
146 100

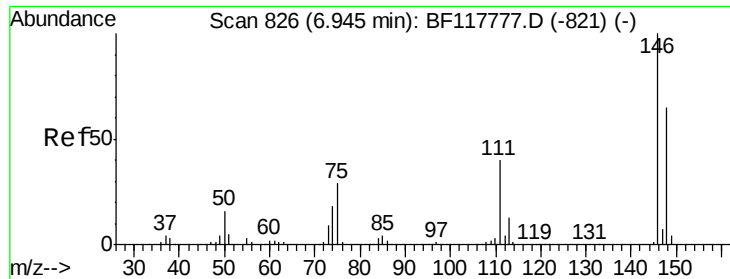
148 64.8 52.8 79.2

75 30.7 23.4 35.0



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

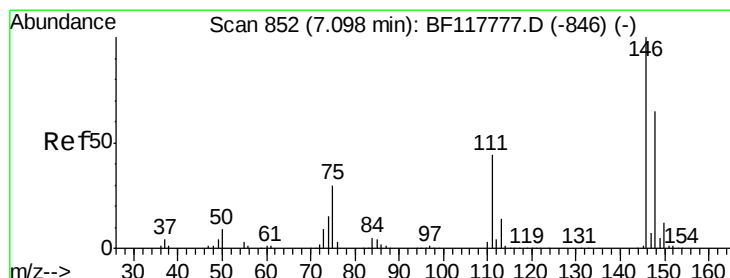
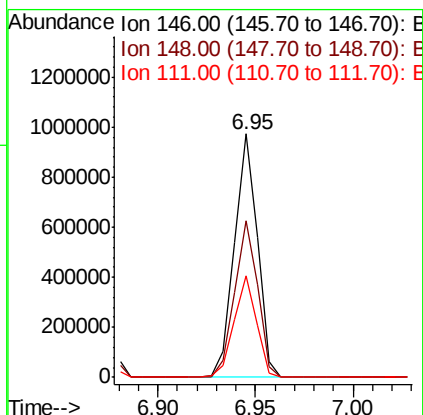
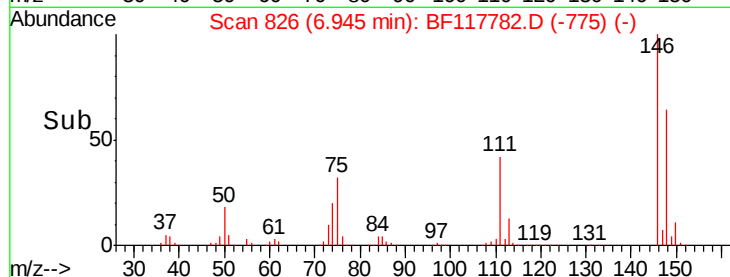
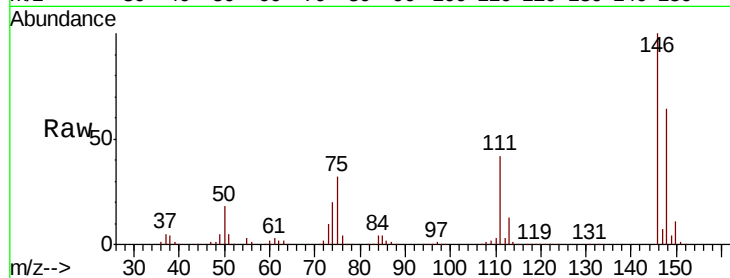




#13
 1,4-Dichlorobenzene
 Concen: 39.329 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

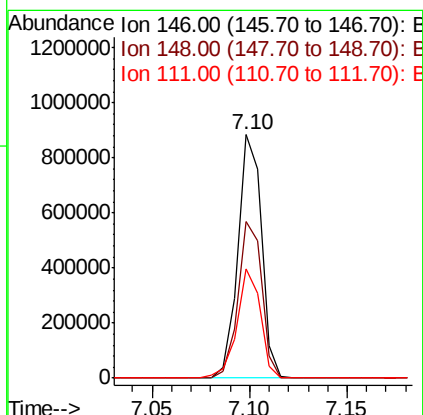
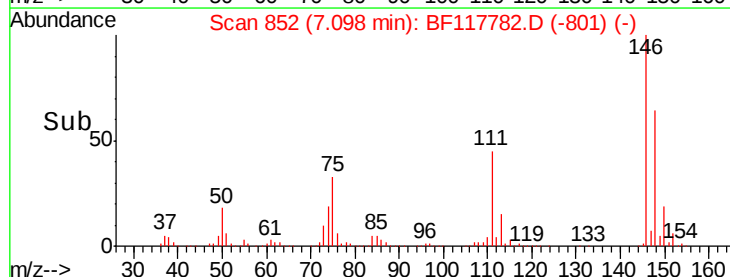
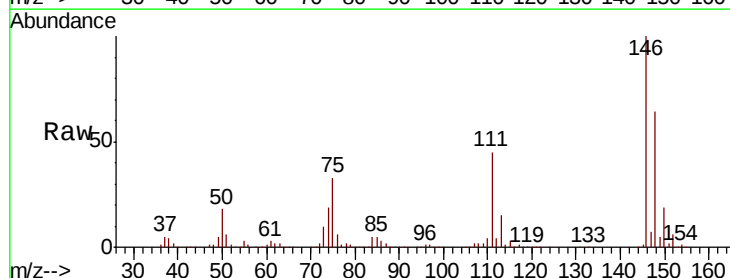
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	41.7	32.2	48.4



#14
 1,2-Dichlorobenzene
 Concen: 38.447 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
111	44.6	35.0	52.6





#15

Benzyl Alcohol

Concen: 39.675 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

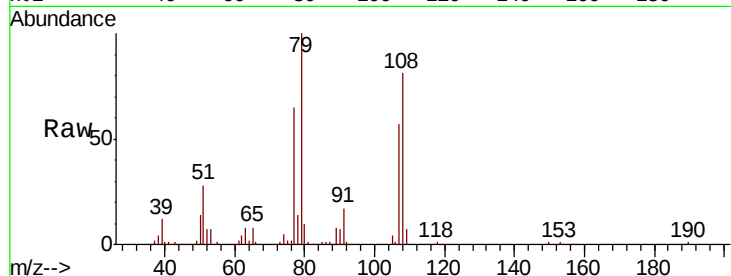
Tot Ion: 79 Resp: 576963

Ion Ratio Lower Upper

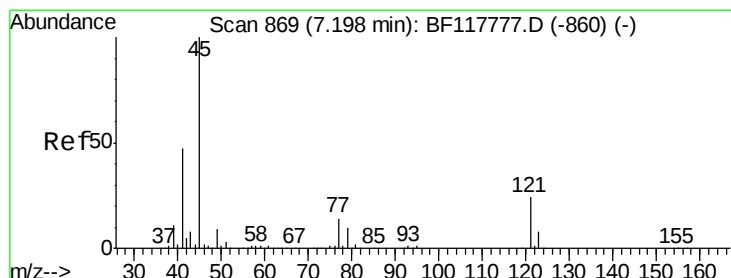
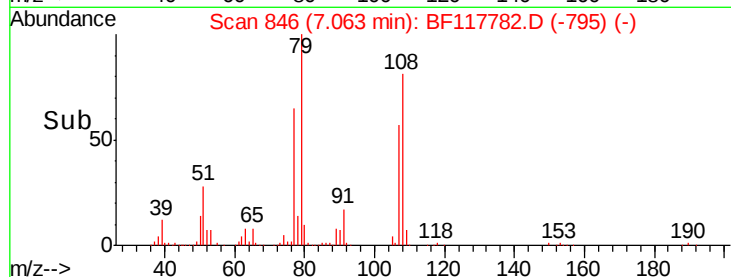
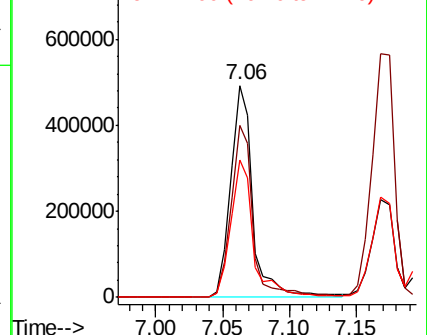
79 100

108 81.0 64.1 96.1

77 64.9 51.3 76.9



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: 39.225 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

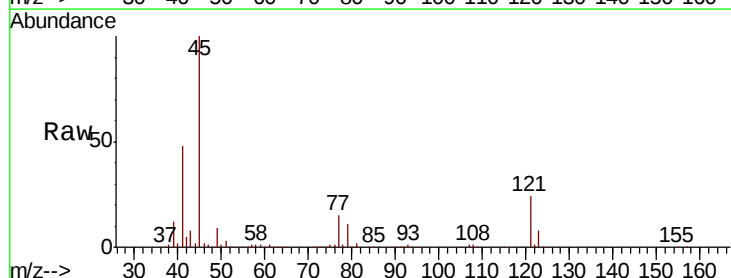
Tgt Ion: 45 Resp: 949246

Ion Ratio Lower Upper

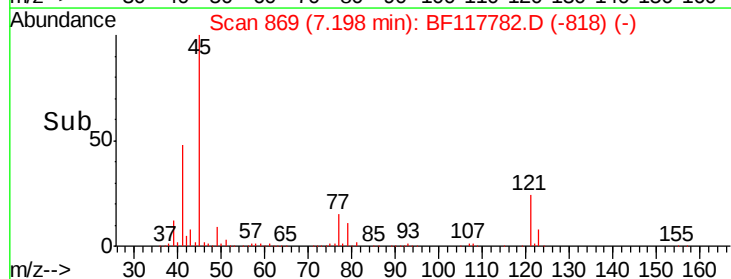
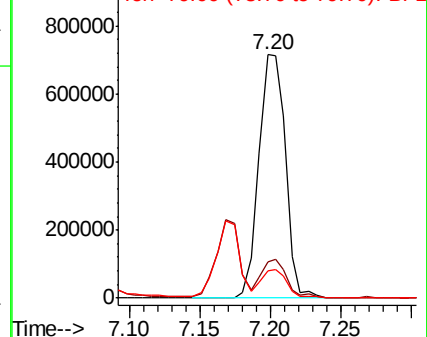
45 100

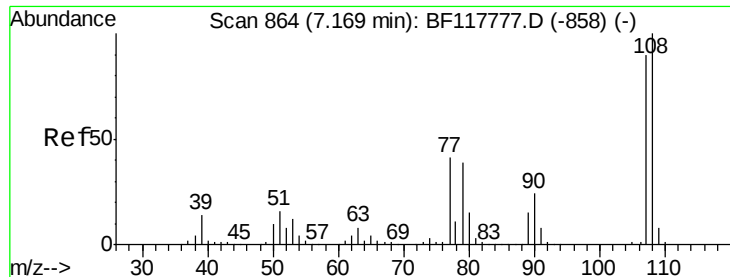
77 15.0 0.0 35.0

79 11.1 0.0 31.1



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

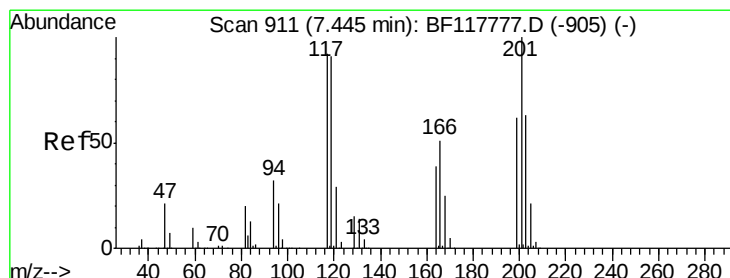
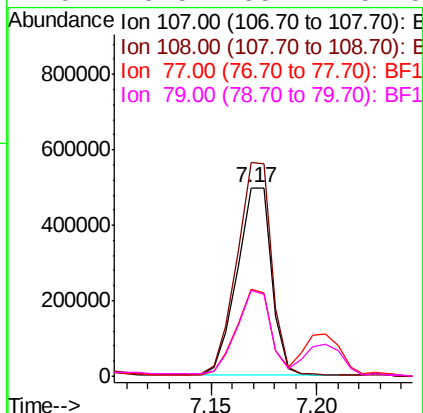
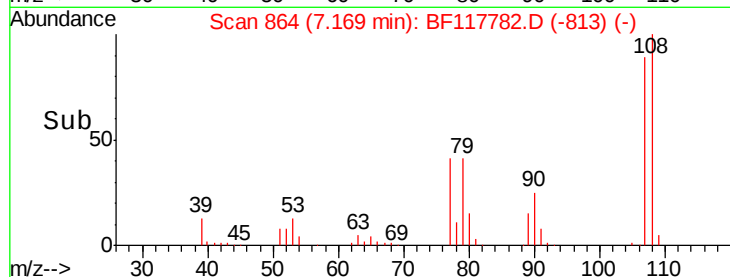
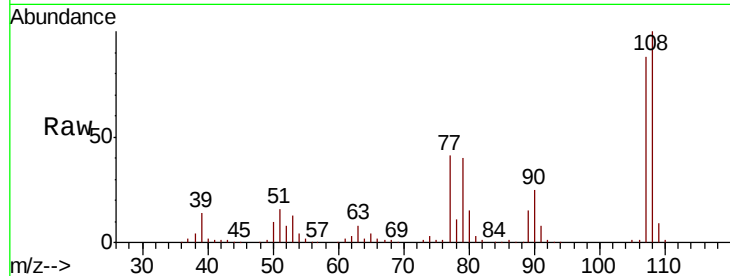




#17
2-Methylphenol
Concen: 39.338 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

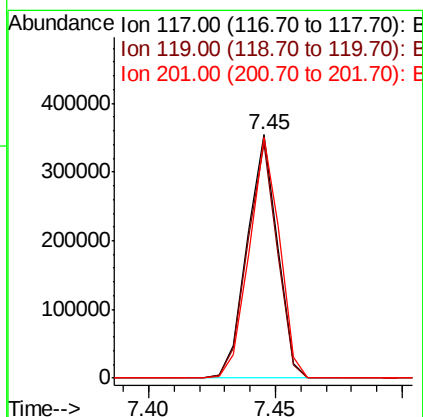
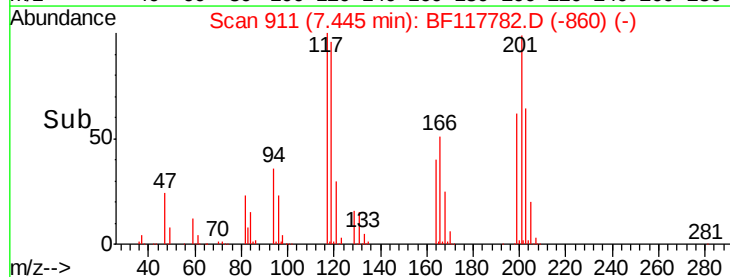
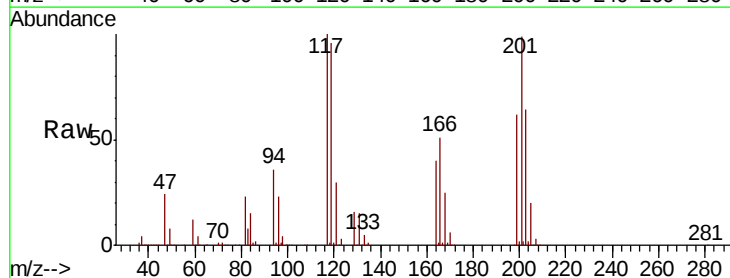
Instrument :
BNA_F
ClientSampleId :
ICVBF111319

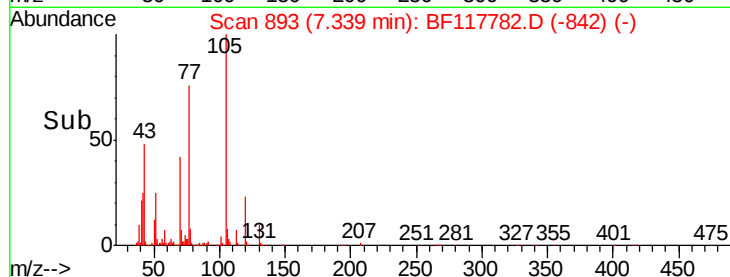
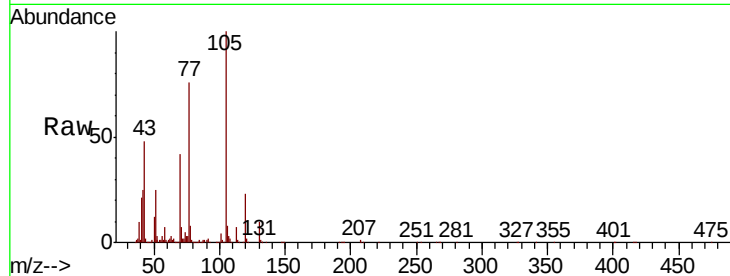
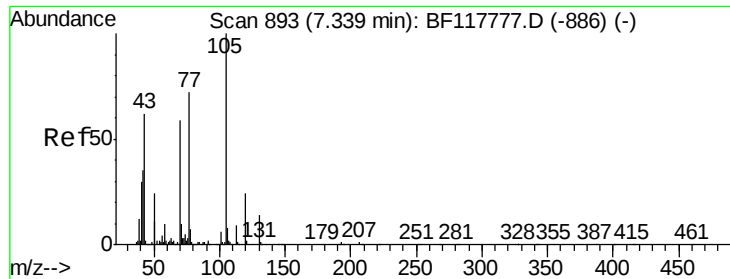
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.1	133.7
77	46.5	36.6	54.8
79	45.5	35.2	52.8



#18
Hexachloroethane
Concen: 39.541 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.7	118.1
201	98.9	86.5	129.7

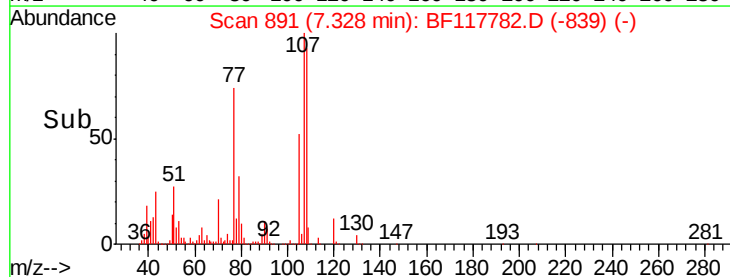
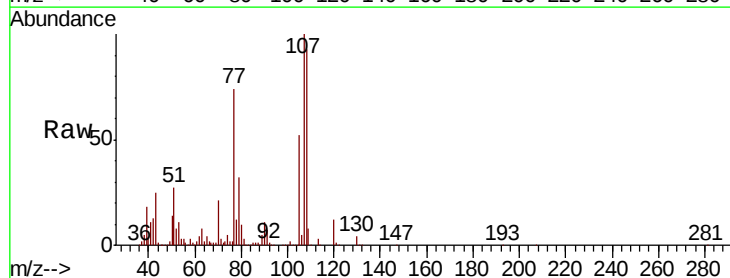
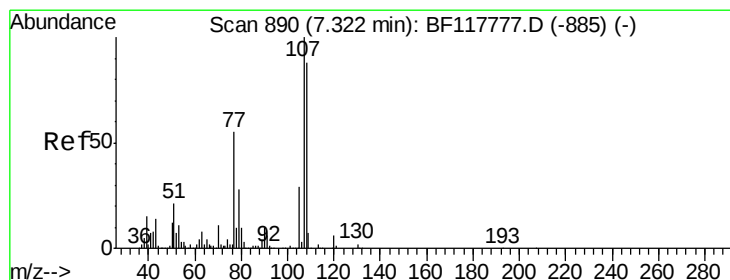
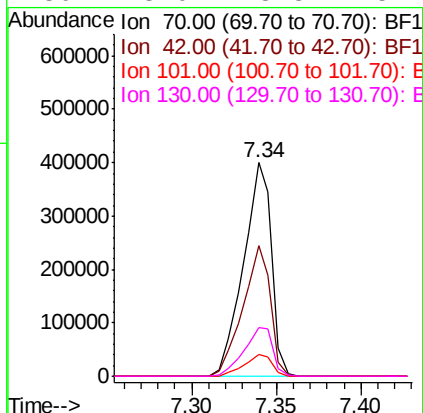




#19
n-Nitroso-di-n-propylamine
Concen: 39.868 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

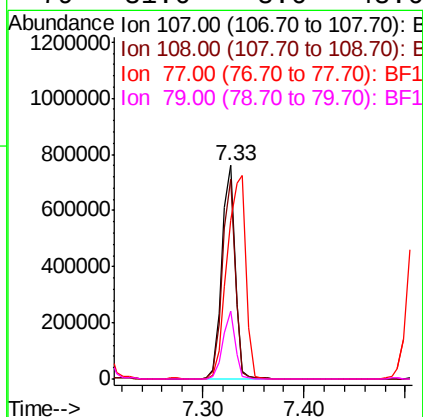
Instrument :
BNA_F
ClientSampleId :
ICVBF111319

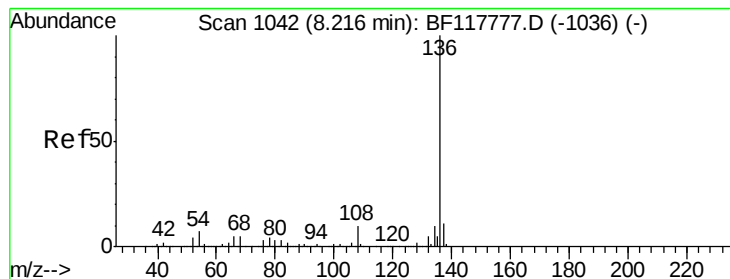
Tot Ion:	70	Resp:	463283
Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.4	71.2
101	10.1	8.4	12.6
130	23.0	18.8	28.2



#20
3+4-Methylphenols
Concen: 38.799 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:	107	Resp:	691135
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.4	108.4
77	74.3	35.2	75.2
79	31.6	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

Tot Ion:136 Resp: 1072115

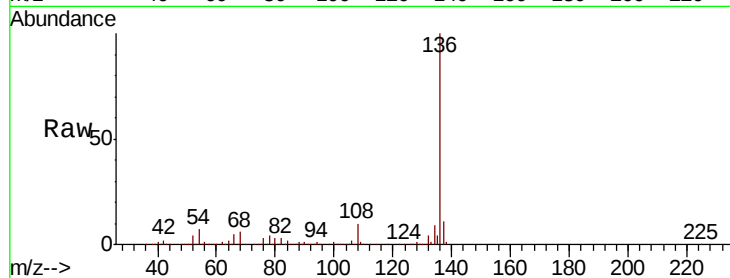
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.1 5.4 8.2

68 5.6 4.3 6.5

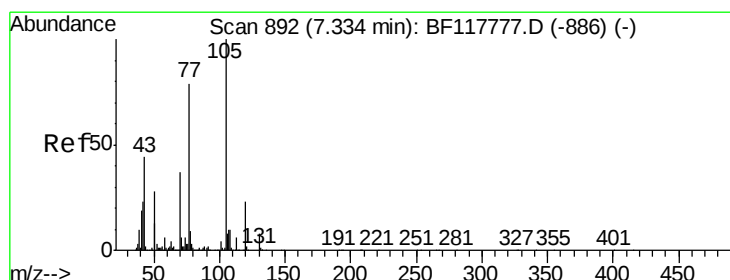
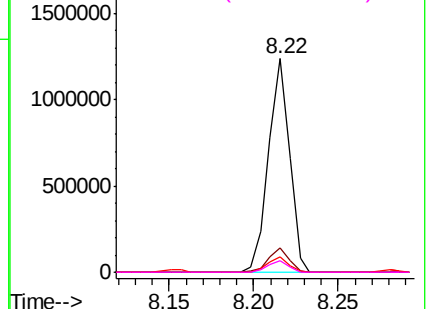
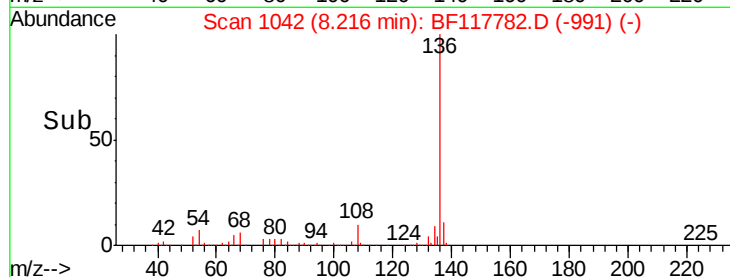


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.649 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Tgt Ion:105 Resp: 930948

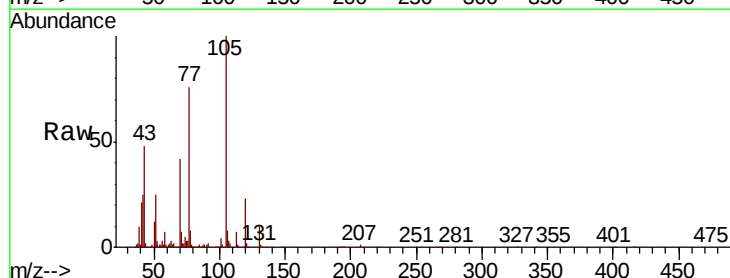
Ion Ratio Lower Upper

105 100

71 7.0 4.9 7.3

51 25.4 22.7 34.1

120 23.3 18.5 27.7

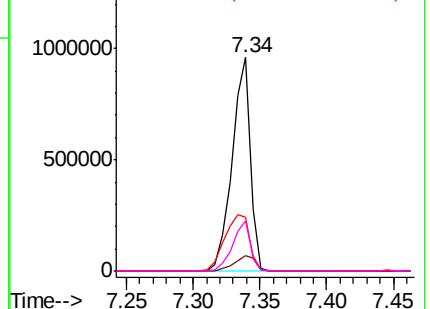
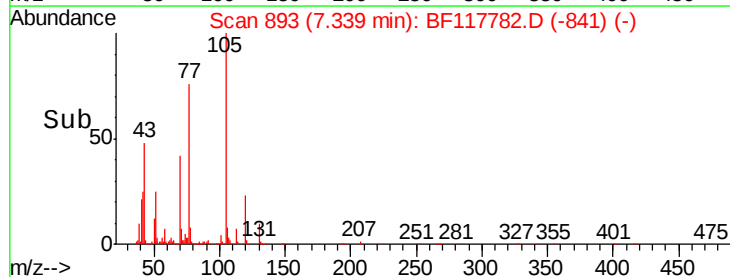


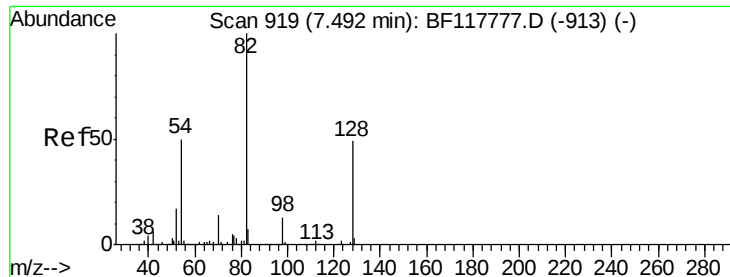
Abundance Ion 105.00 (104.70 to 105.70): E

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

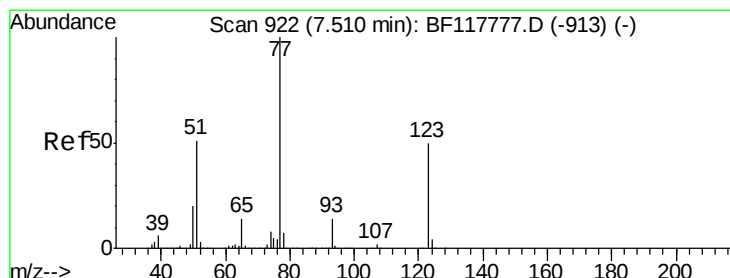
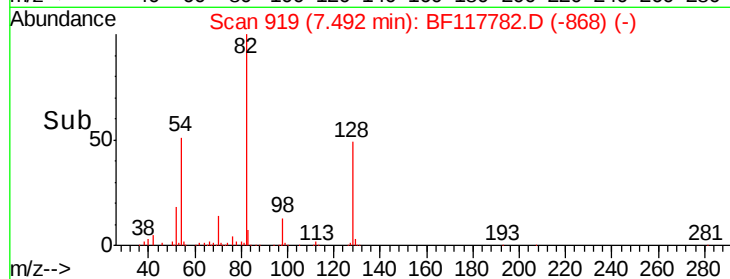
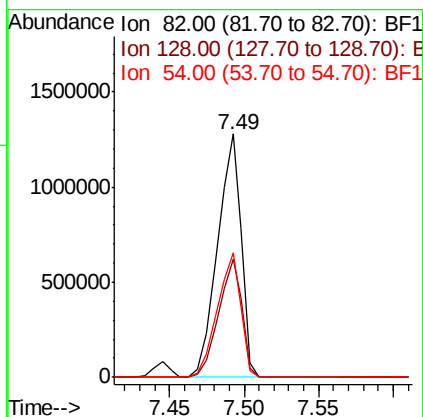
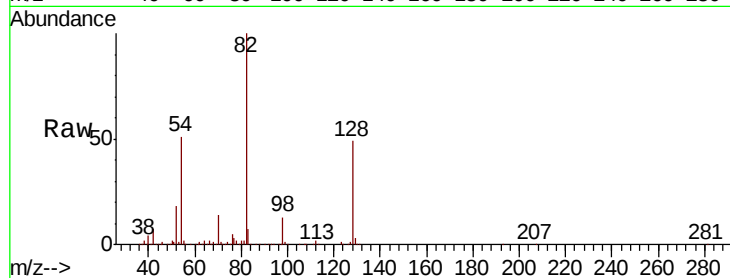




#23
 Nitrobenzene-d5
 Concen: 78.412 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

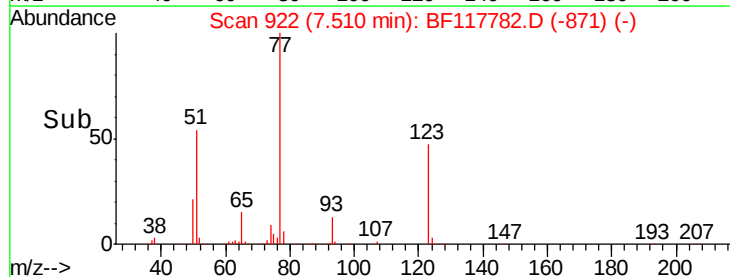
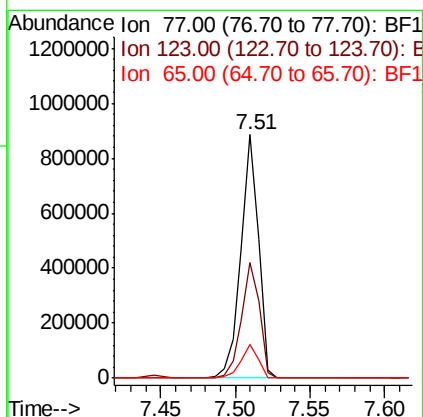
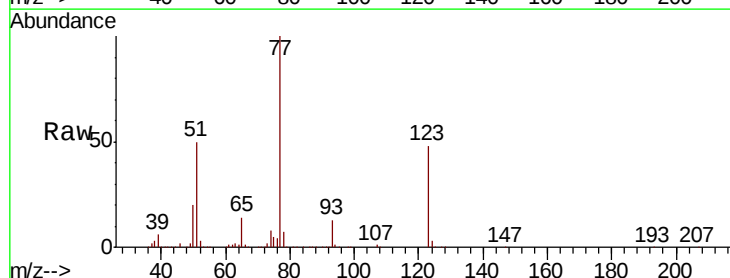
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

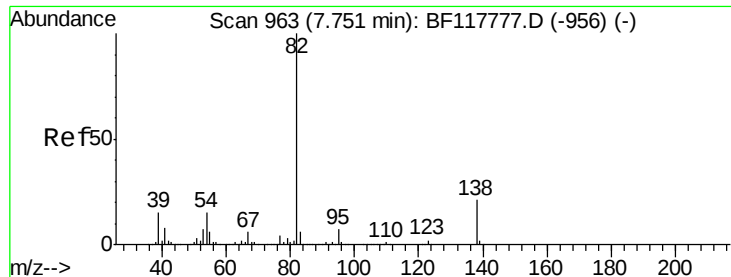
Tot Ion: 82 Resp: 1414177
 Ion Ratio Lower Upper
 82 100
 128 48.7 38.9 58.3
 54 50.9 39.8 59.6



#24
 Nitrobenzene
 Concen: 39.230 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Tgt Ion: 77 Resp: 729903
 Ion Ratio Lower Upper
 77 100
 123 47.6 40.3 60.5
 65 13.7 10.9 16.3





#25

Isophorone

Concen: 38.152 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

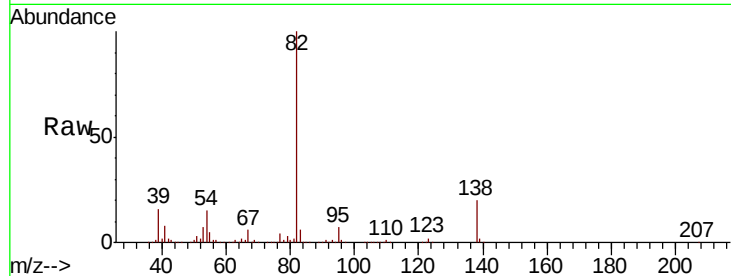
Tot Ion: 82 Resp: 1261152

Ion Ratio Lower Upper

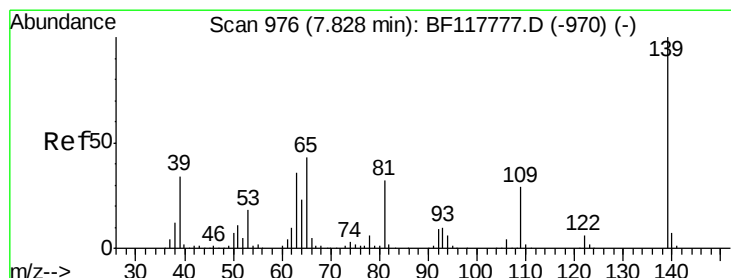
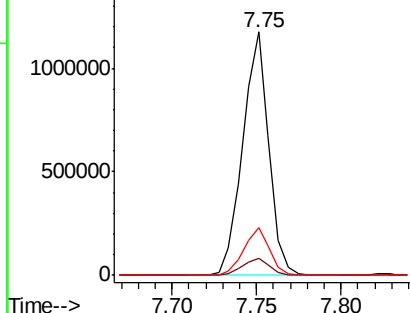
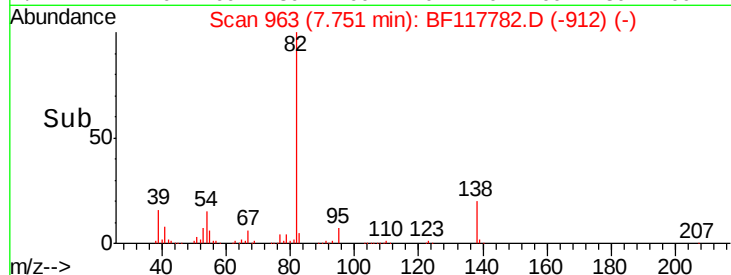
82 100

95 7.3 5.8 8.8

138 19.7 16.5 24.7



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



#26

2-Nitrophenol

Concen: 39.960 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

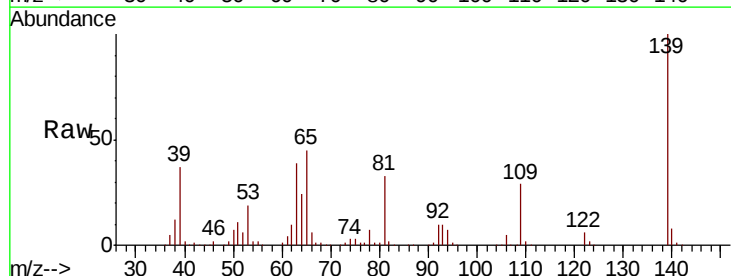
Tgt Ion: 139 Resp: 361873

Ion Ratio Lower Upper

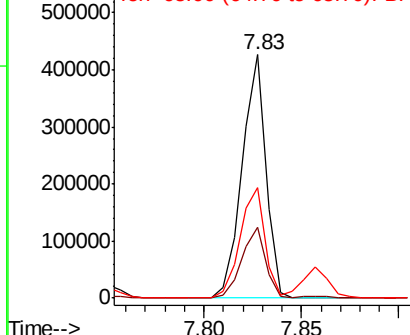
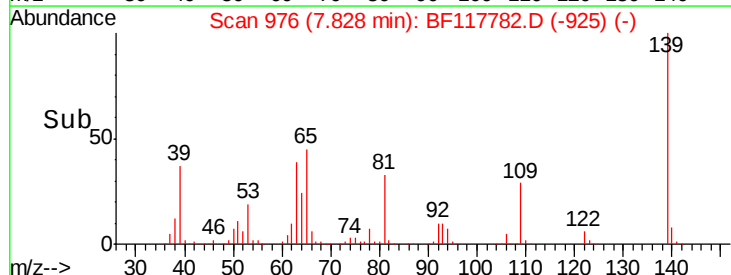
139 100

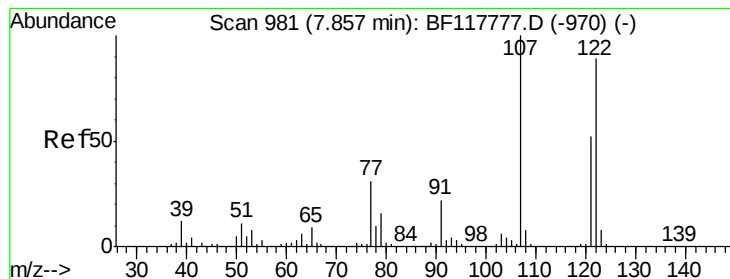
109 29.2 23.0 34.4

65 45.2 34.7 52.1



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





#27

2,4-Dimethylphenol

Concen: 38.641 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

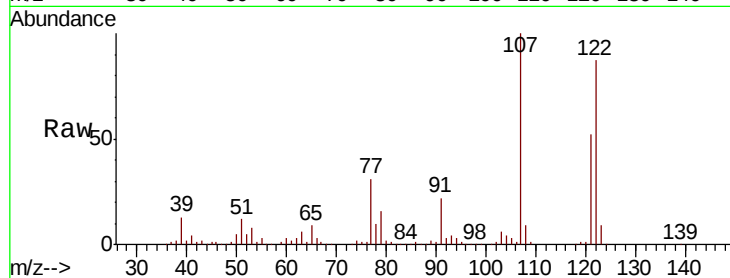
Tot Ion:122 Resp: 543746

Ion Ratio Lower Upper

122 100

107 115.2 90.0 135.0

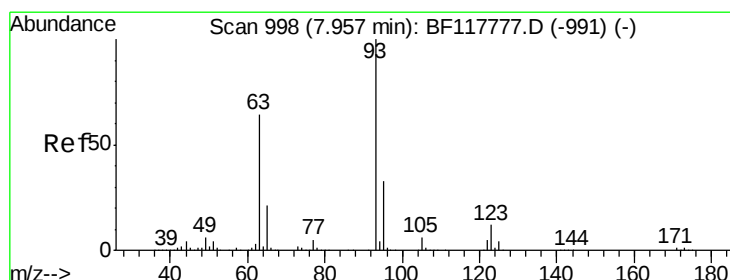
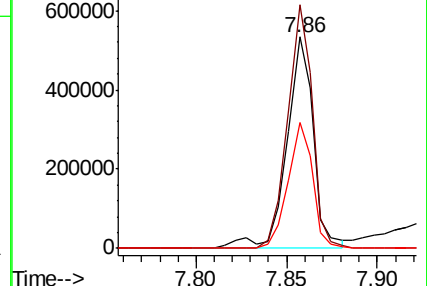
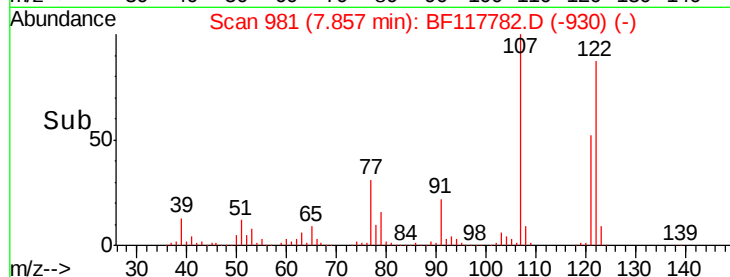
121 59.6 46.7 70.1



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: 38.682 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

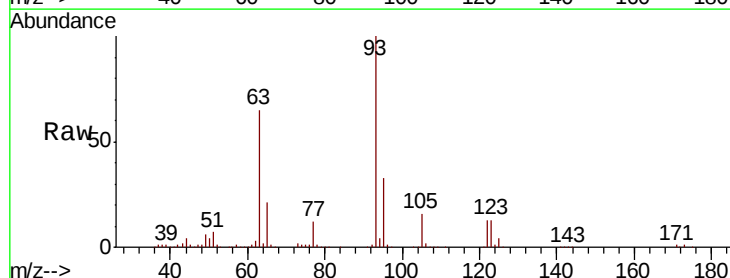
Tgt Ion: 93 Resp: 811413

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

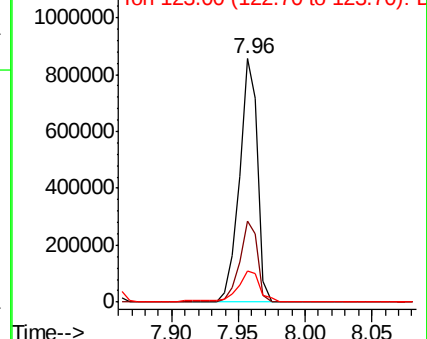
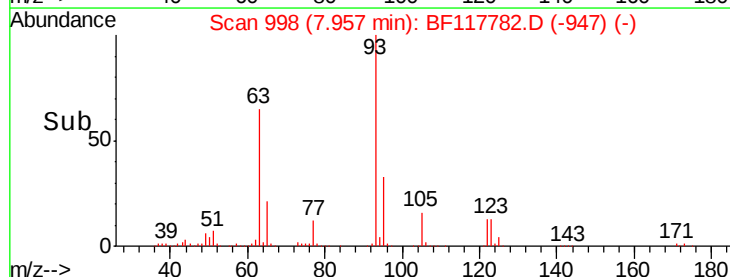
123 12.9 10.3 15.5

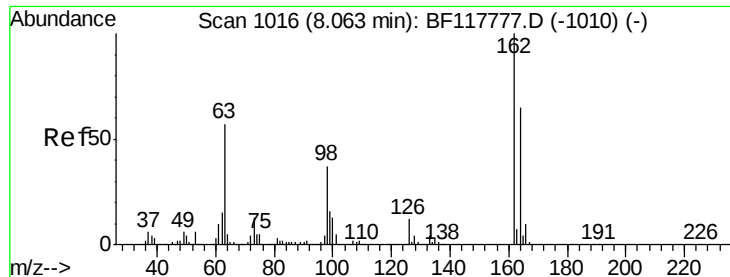


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

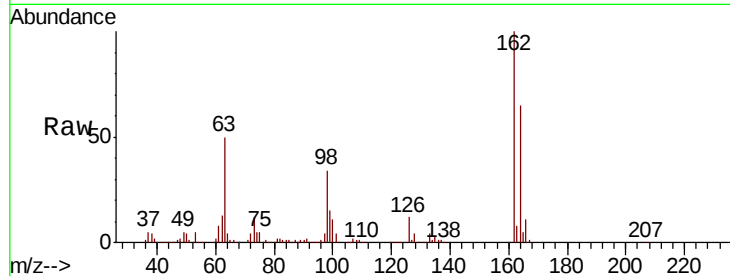




#29
2,4-Dichlorophenol
Concen: 38.647 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	33.7	17.2	57.2

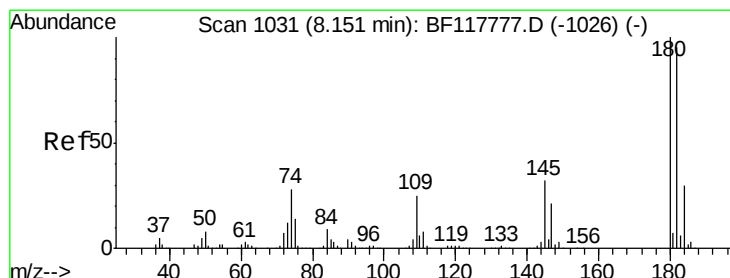
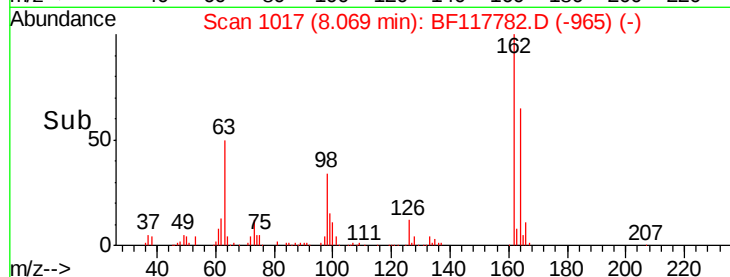
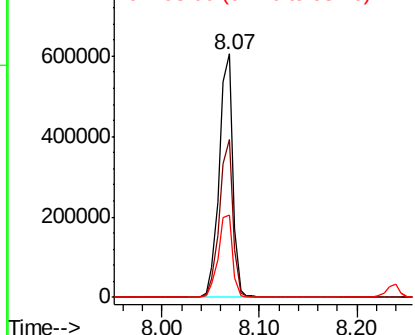


Abundance

Ion 162.00 (161.70 to 162.70): E

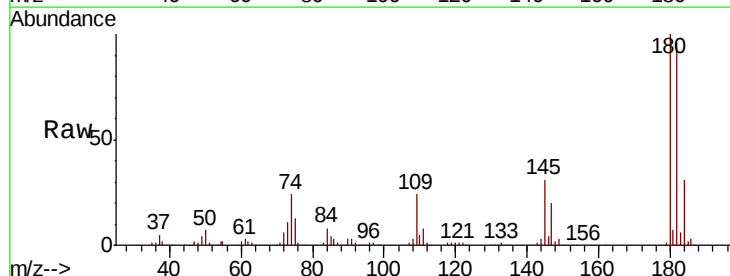
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.195 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.6
145	30.7	25.5	38.3

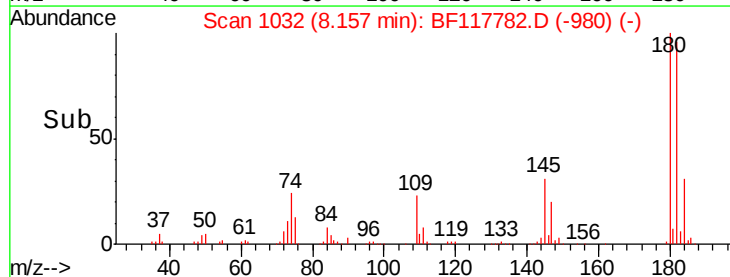
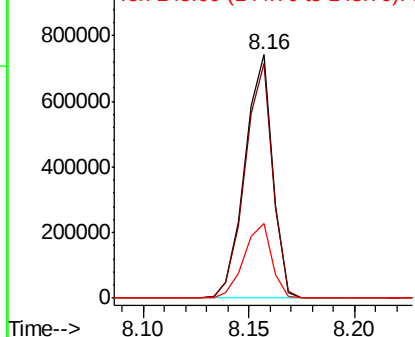


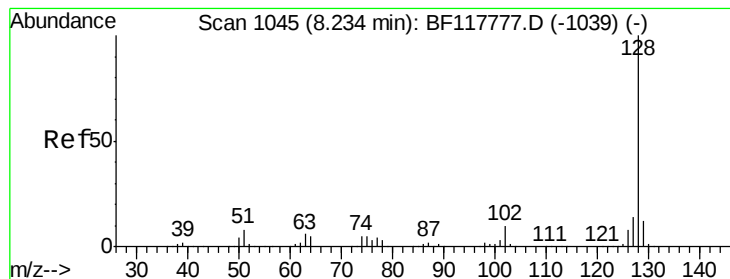
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.320 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

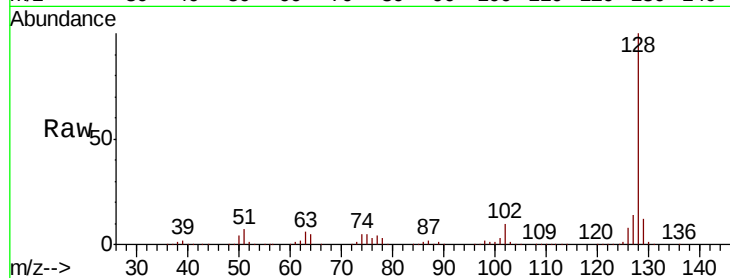
Tot Ion:128 Resp: 1965246

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

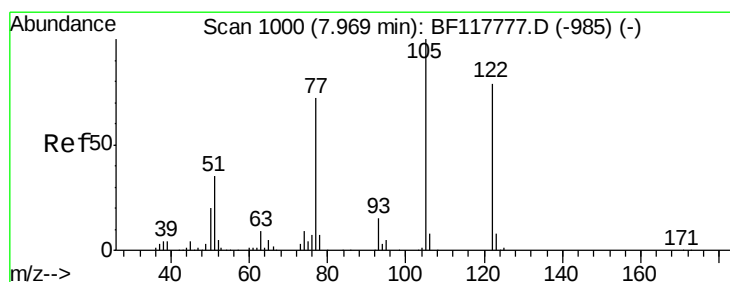
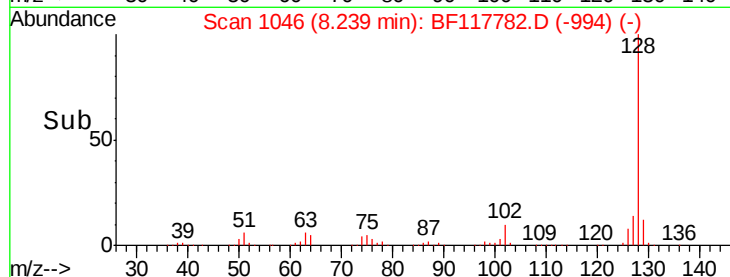
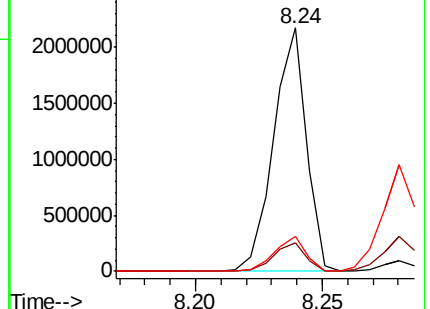
127 14.2 11.3 16.9



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: 38.578 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

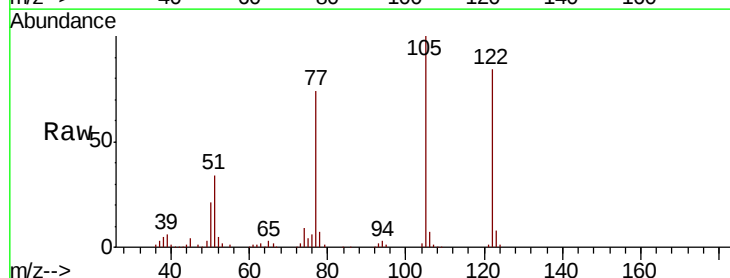
Tgt Ion:122 Resp: 454541

Ion Ratio Lower Upper

122 100

105 119.2 102.7 142.7

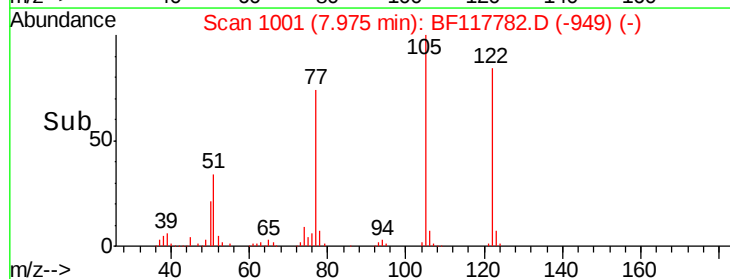
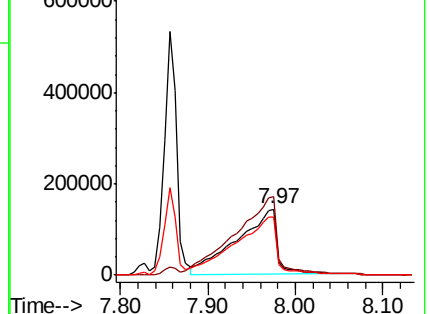
77 88.3 70.5 110.5

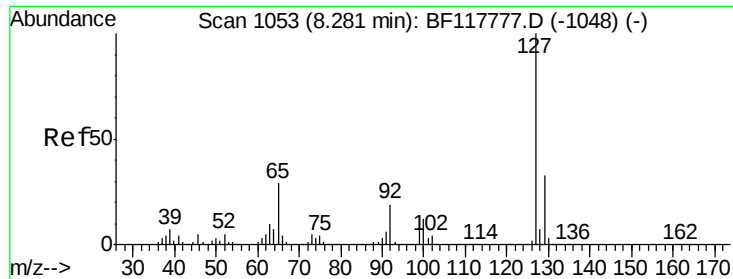


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

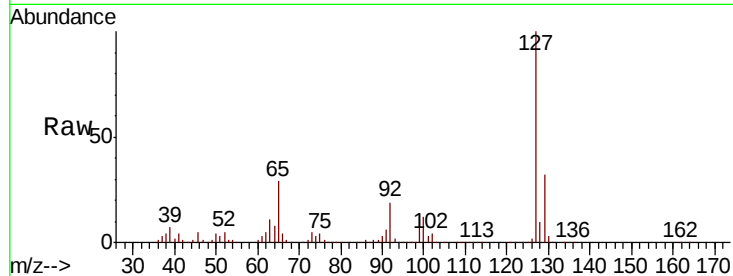




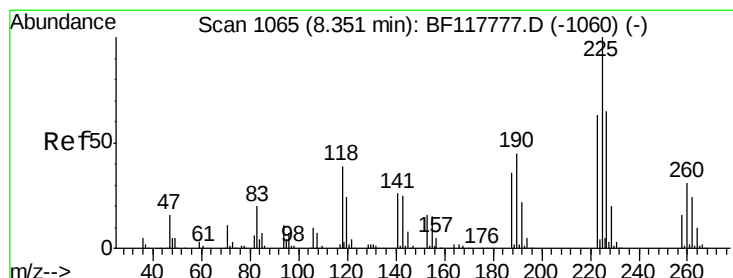
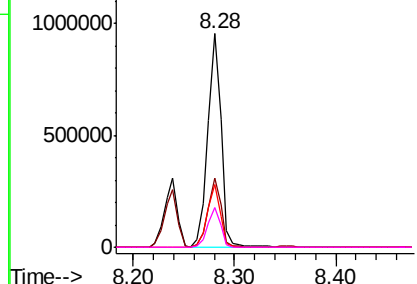
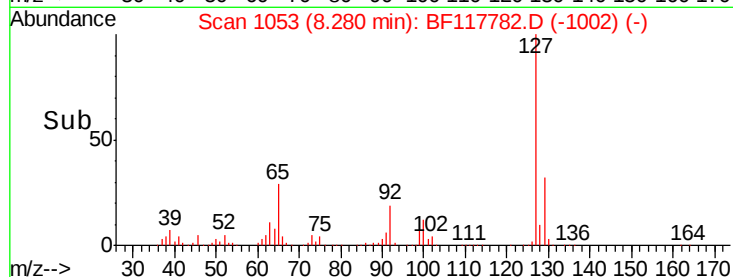
#33
4-Chloroaniline
Concen: 38.803 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion:	127	Resp:	868238
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	29.3	22.9	34.3
92	18.5	15.0	22.6

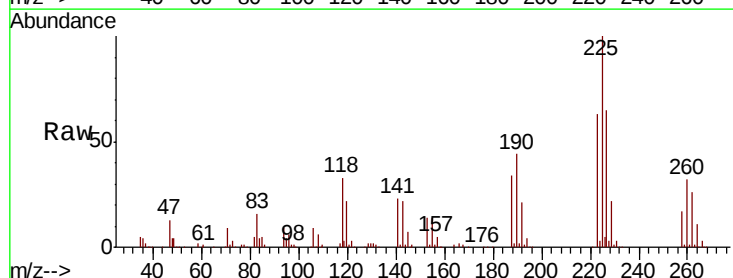


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

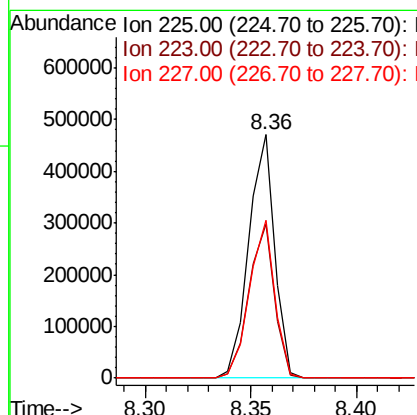
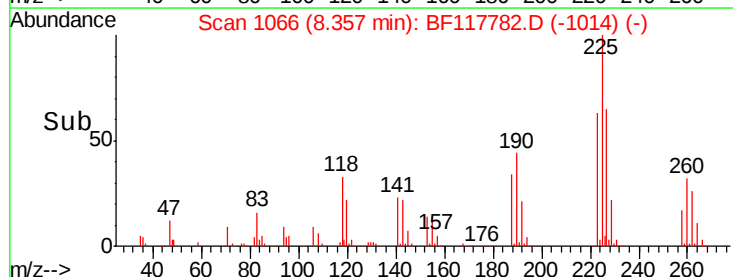


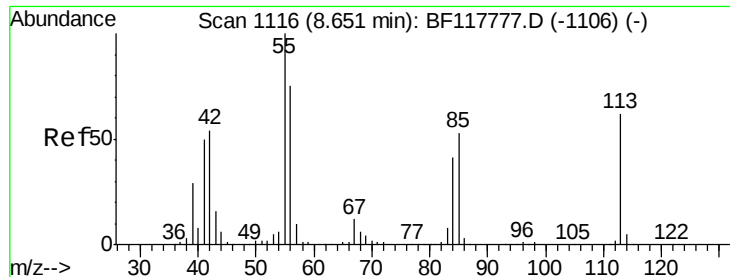
#34
Hexachlorobutadiene
Concen: 38.756 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:	225	Resp:	401189
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	64.9	51.8	77.6



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

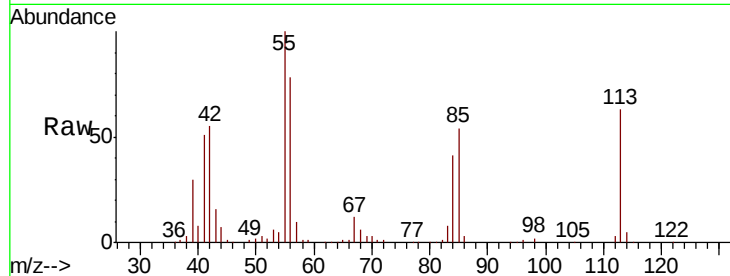




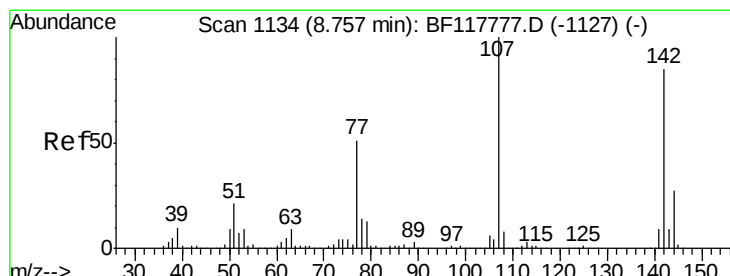
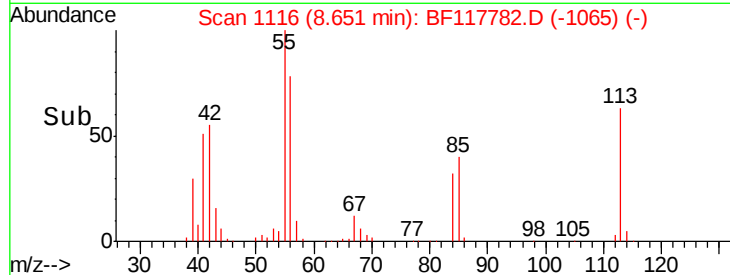
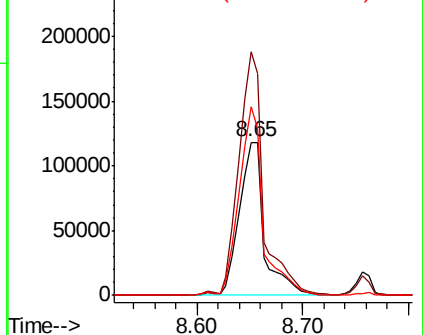
#35
 Caprolactam
 Concen: 39.436 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

Tot Ion:113 Resp: 191309
 Ion Ratio Lower Upper
 113 100
 55 158.9 141.1 181.1
 56 123.4 100.5 140.5

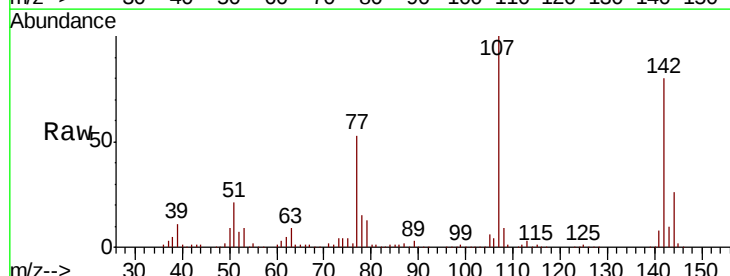


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

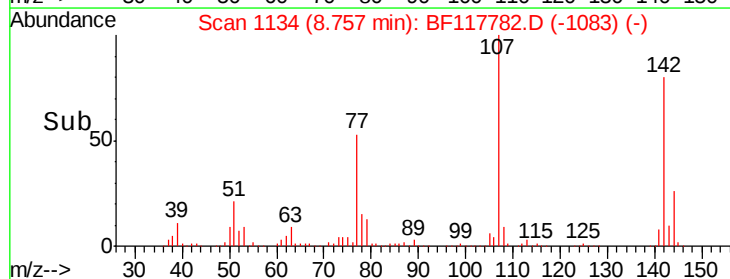
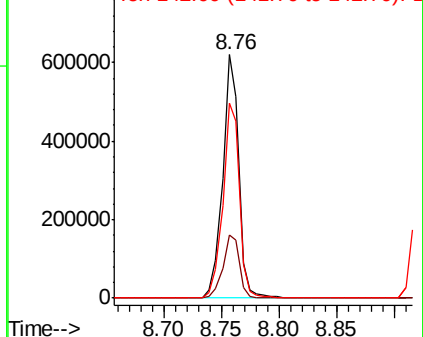


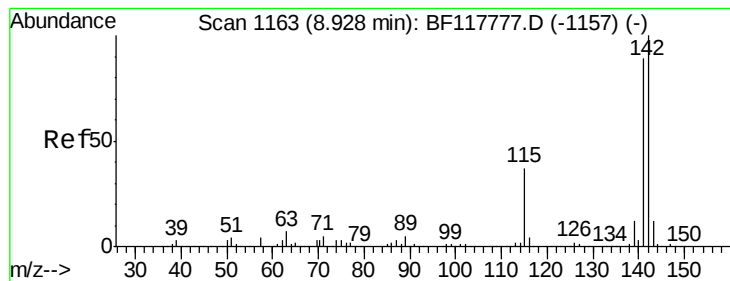
#36
 4-Chloro-3-methylphenol
 Concen: 38.668 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Tgt Ion:107 Resp: 599002
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.9 32.9
 142 80.3 67.7 101.5



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





#37

2-Methylnaphthalene

Concen: 39.112 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

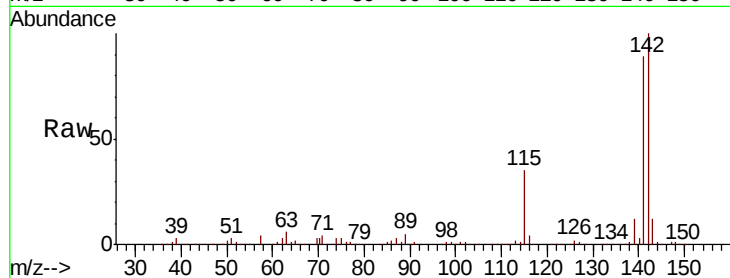
Tot Ion:142 Resp: 1320822

Ion Ratio Lower Upper

142 100

141 88.8 71.1 106.7

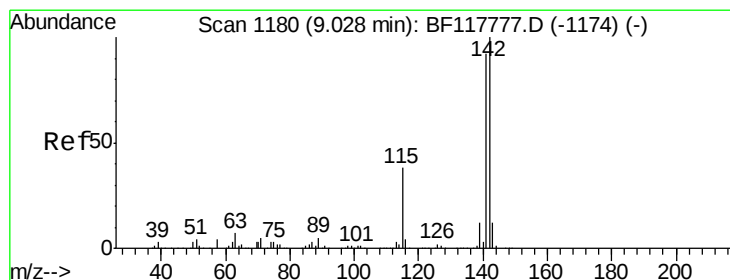
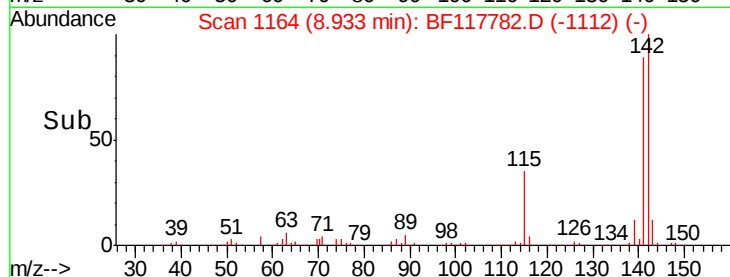
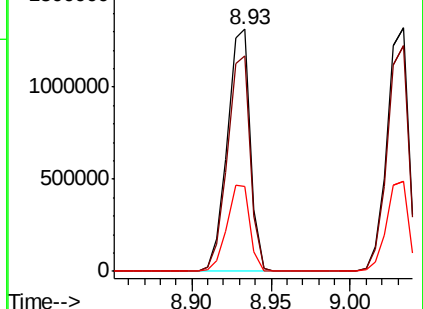
115 35.3 29.2 43.8



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: 38.977 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

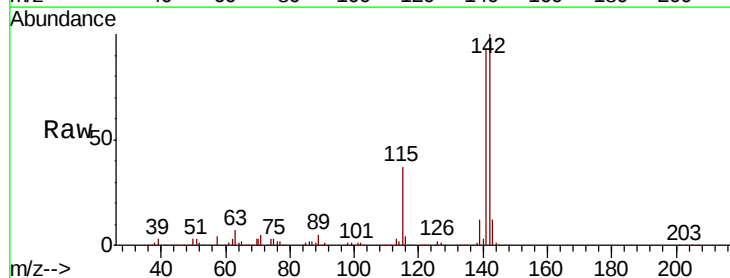
Tgt Ion:142 Resp: 1244397

Ion Ratio Lower Upper

142 100

141 92.9 73.5 110.3

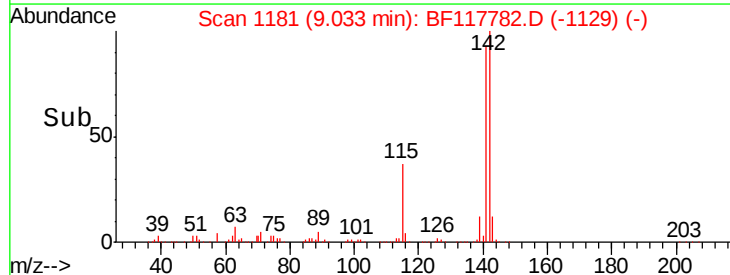
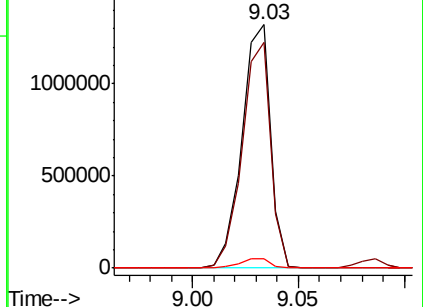
116 3.8 3.2 4.8



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

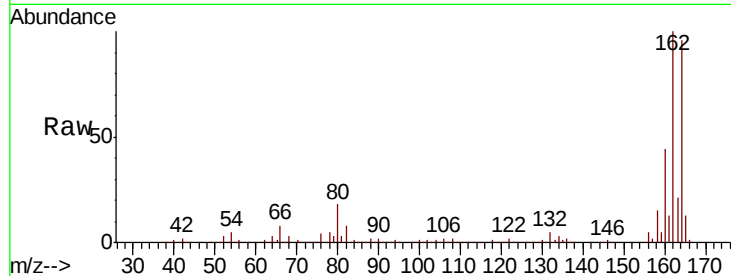




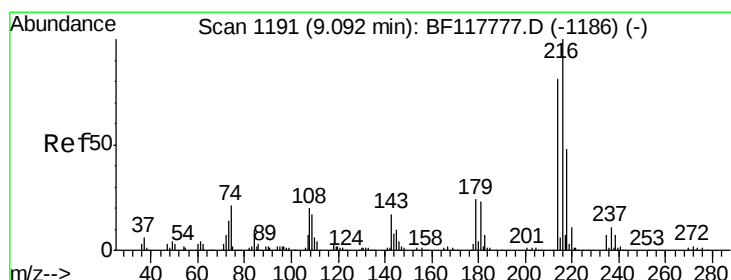
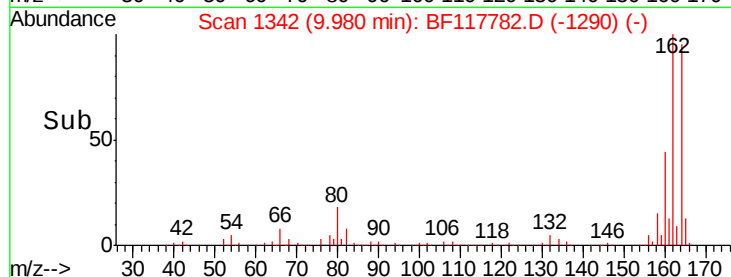
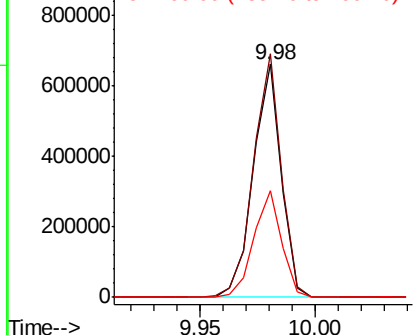
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.3	121.9
160	45.8	36.6	55.0



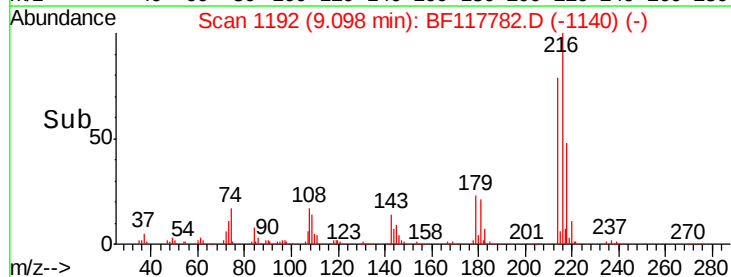
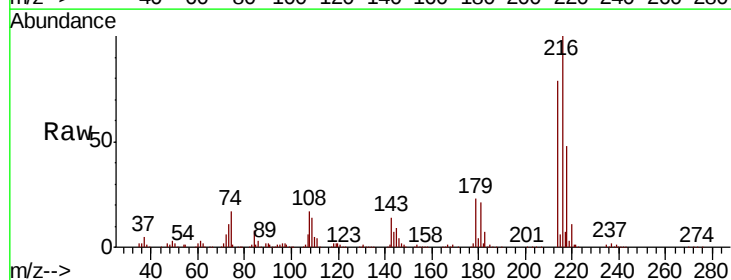
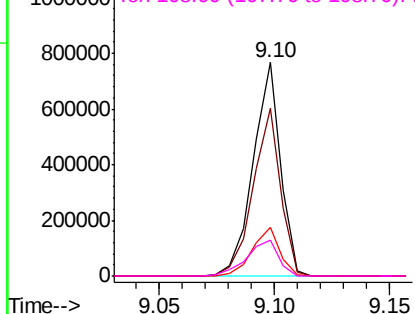
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

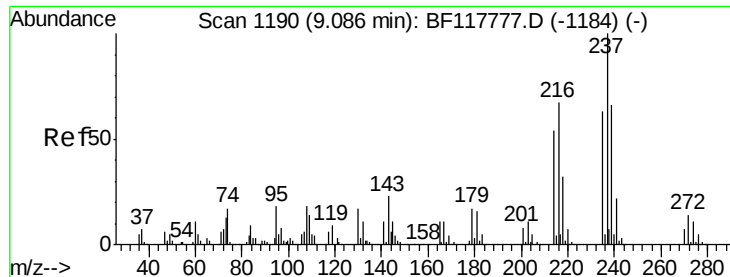


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.087 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	22.9	18.2	27.4
108	19.6	16.0	24.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.495 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

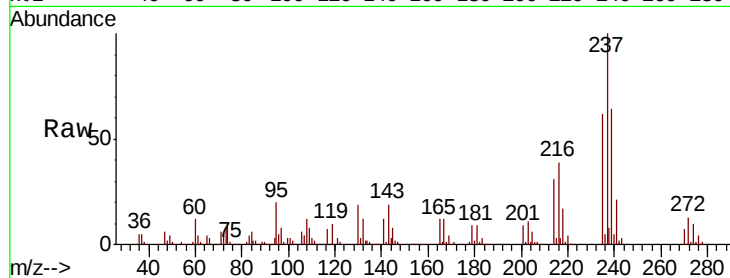
Tot Ion:237 Resp: 350763

Ion Ratio Lower Upper

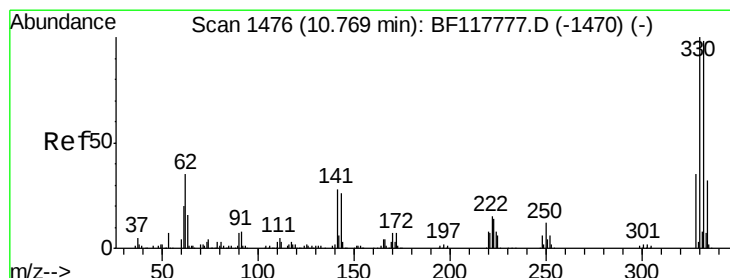
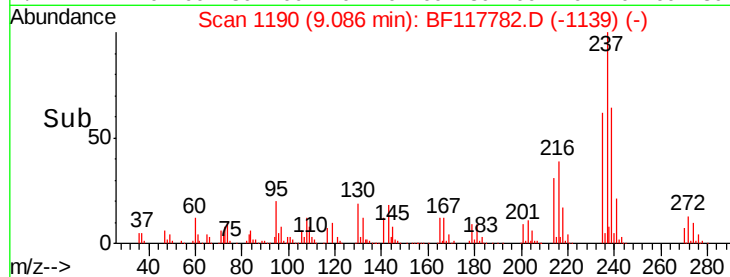
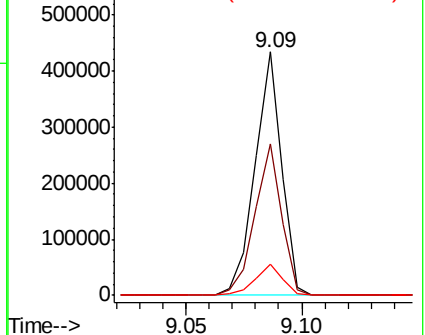
237 100

235 62.3 42.6 82.6

272 12.7 0.0 34.3



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: 78.384 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

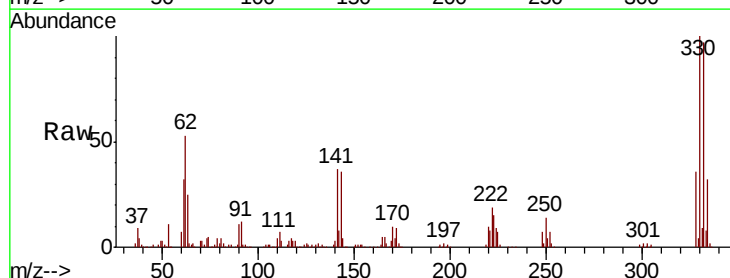
Tgt Ion:330 Resp: 464619

Ion Ratio Lower Upper

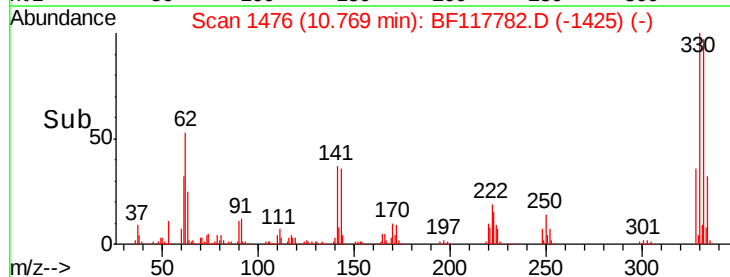
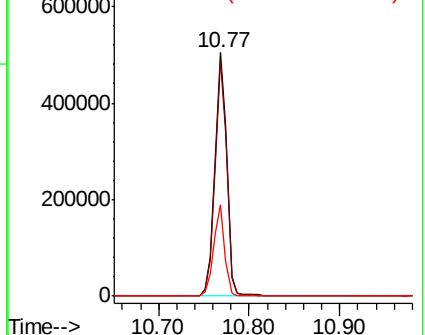
330 100

332 96.0 76.7 115.1

141 35.1 27.7 41.5



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

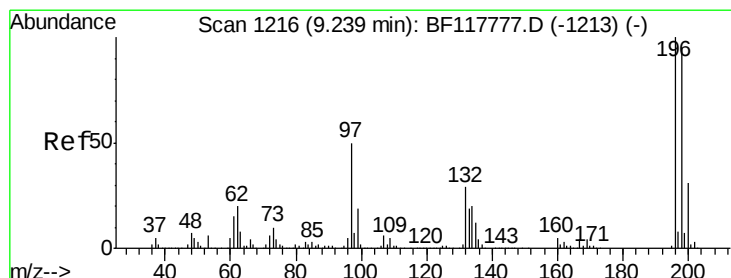
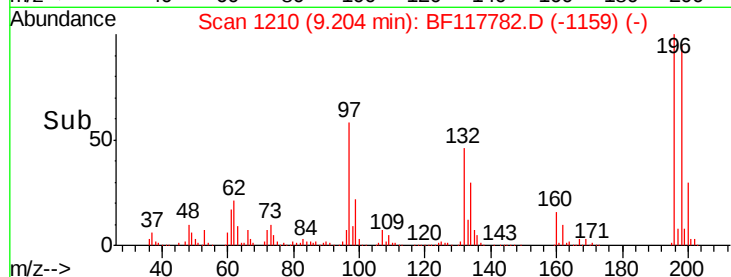
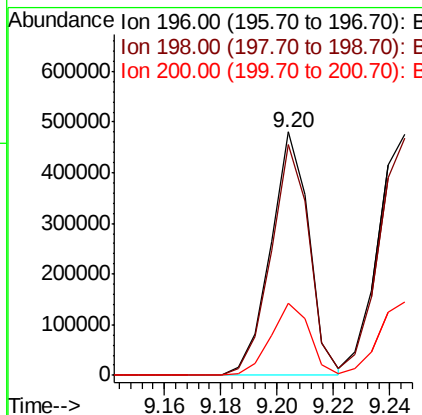
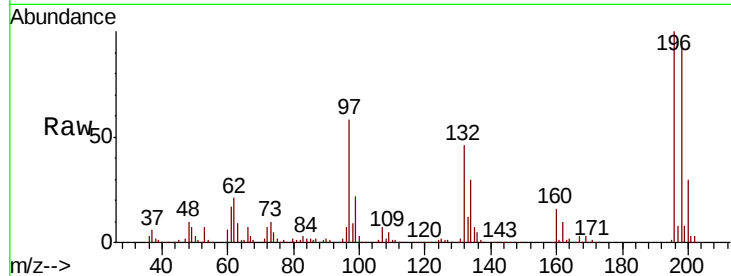




#43
 2,4,6-Trichlorophenol
 Concen: 38.727 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

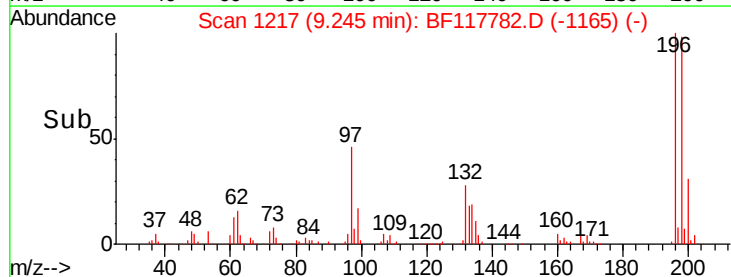
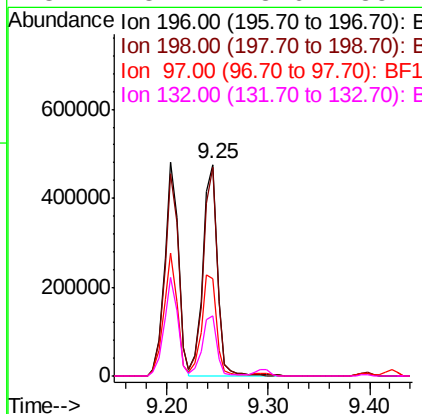
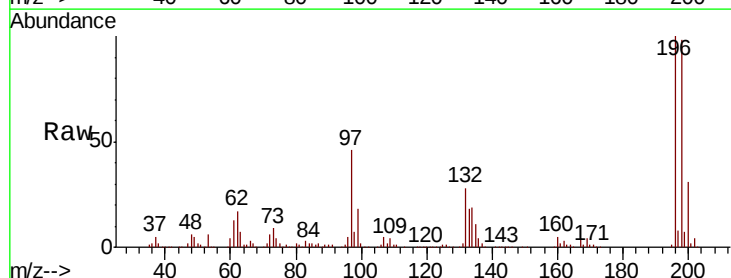
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

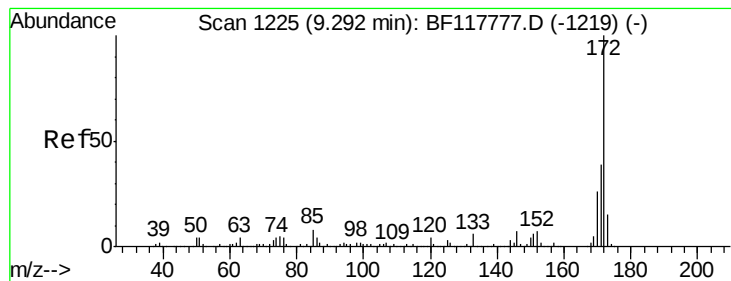
Tot Ion:196 Resp: 451022
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.8 116.6
 200 29.6 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.079 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Tgt Ion:196 Resp: 472543
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.3 114.5
 97 46.2 40.0 60.0
 132 28.2 23.6 35.4





#45

2-Fluorobiphenyl

Concen: 83.336 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

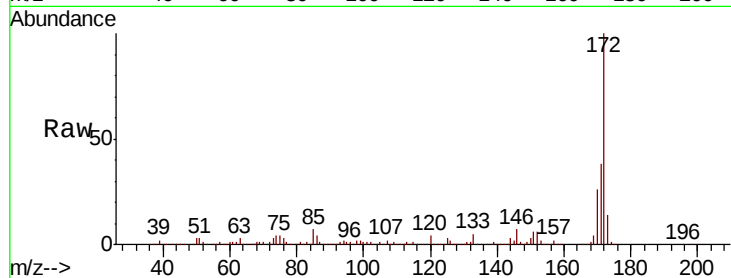
Tot Ion:172 Resp: 2600779

Ion Ratio Lower Upper

172 100

171 37.7 30.9 46.3

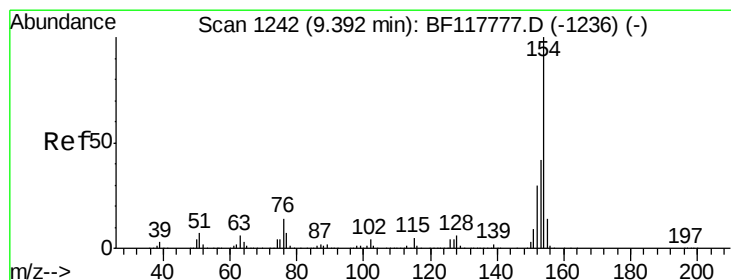
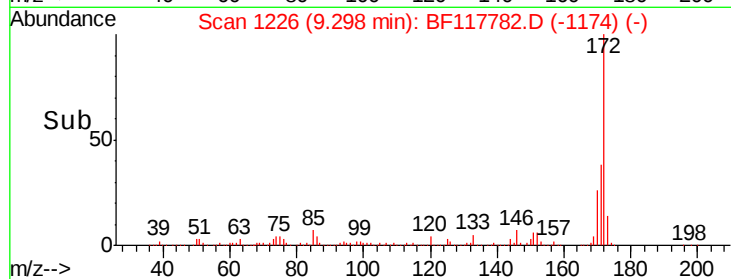
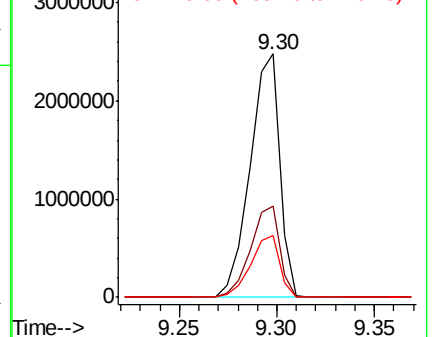
170 25.5 21.0 31.4



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: 39.441 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

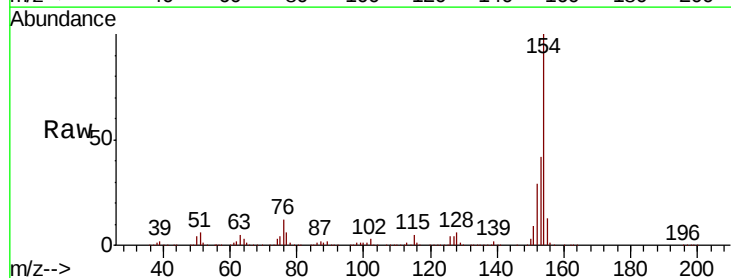
Tgt Ion:154 Resp: 1638299

Ion Ratio Lower Upper

154 100

153 41.8 21.9 61.9

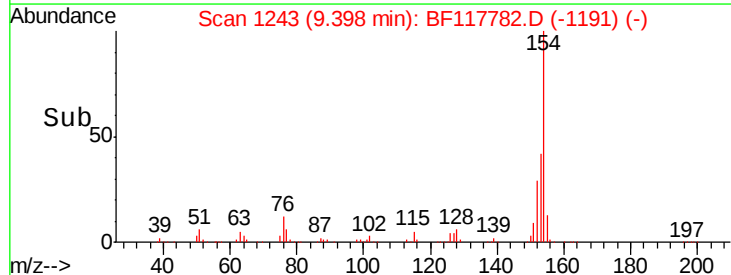
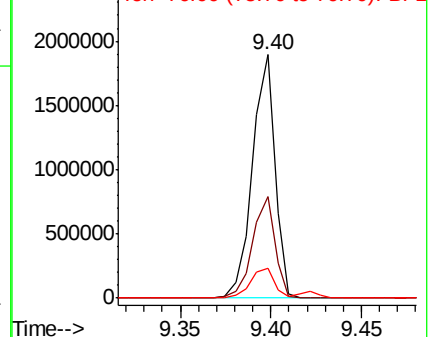
76 12.3 0.0 33.6

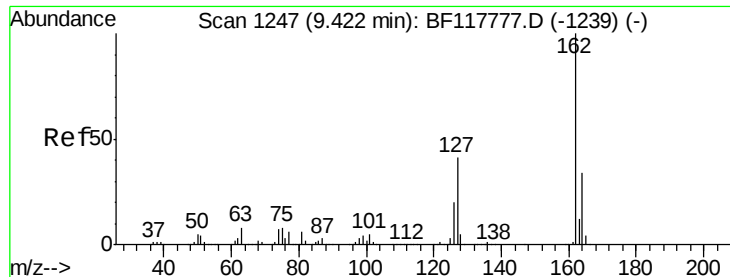


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

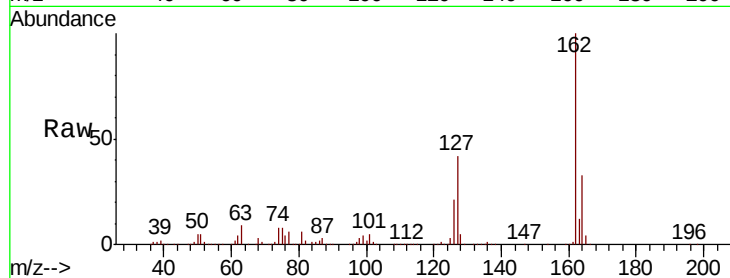




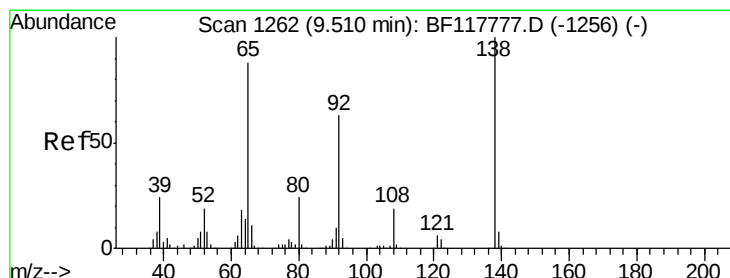
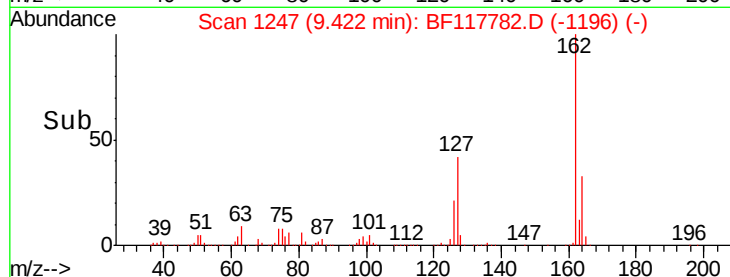
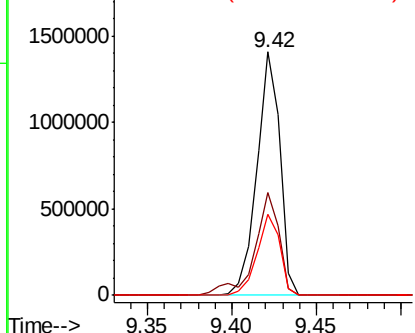
#47
 2-Chloronaphthalene
 Concen: 39.177 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

Tot Ion:162 Resp: 1338739
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.2 49.8
 164 33.3 27.3 40.9

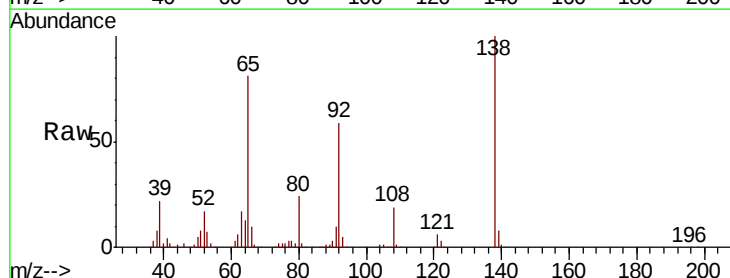


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

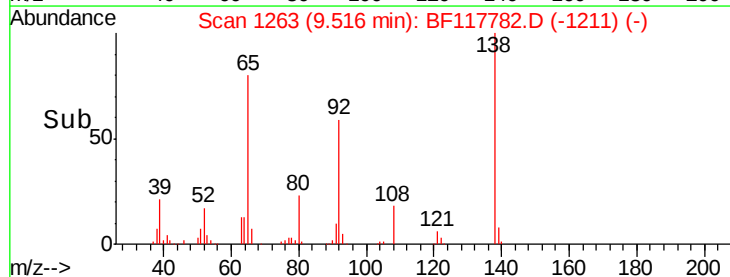
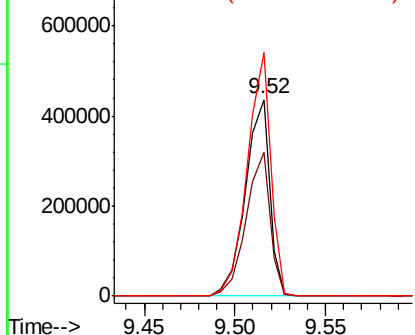


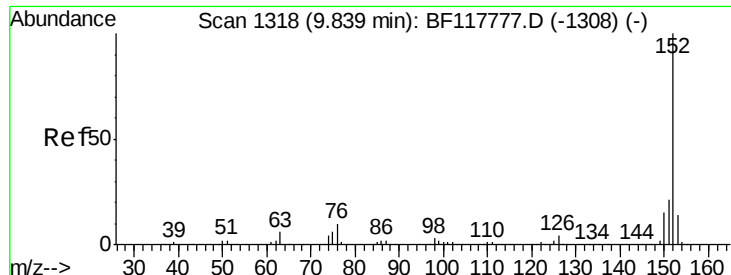
#48
 2-Nitroaniline
 Concen: 39.530 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Tgt Ion: 65 Resp: 407814
 Ion Ratio Lower Upper
 65 100
 92 73.1 56.6 84.8
 138 123.9 90.5 135.7



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: 39.537 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

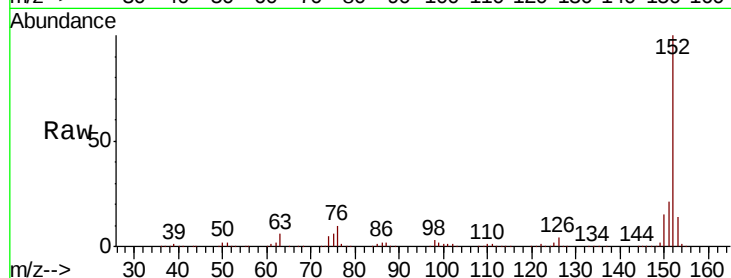
Tot Ion:152 Resp: 1969754

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

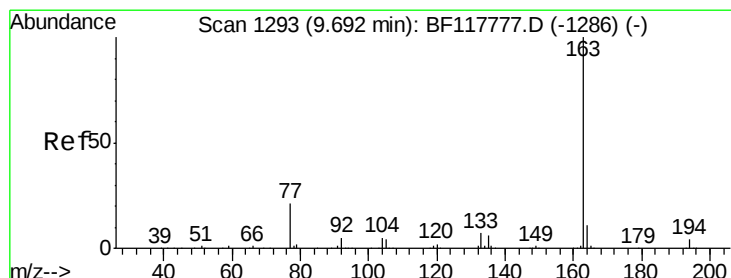
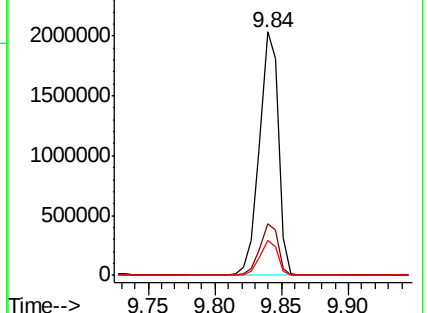
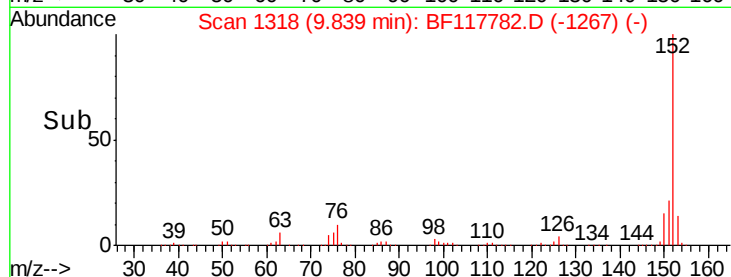
153 14.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.956 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

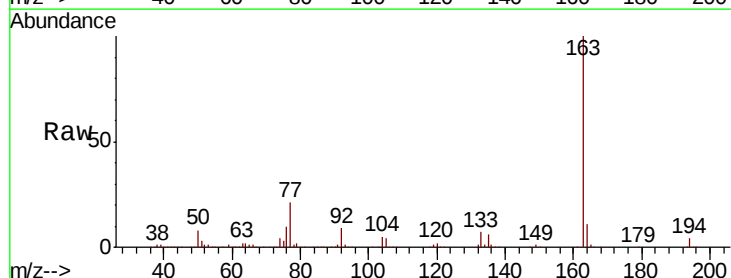
Tgt Ion:163 Resp: 1529481

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

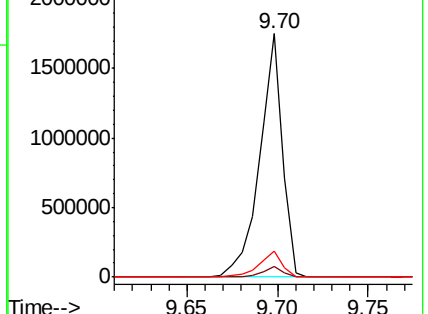
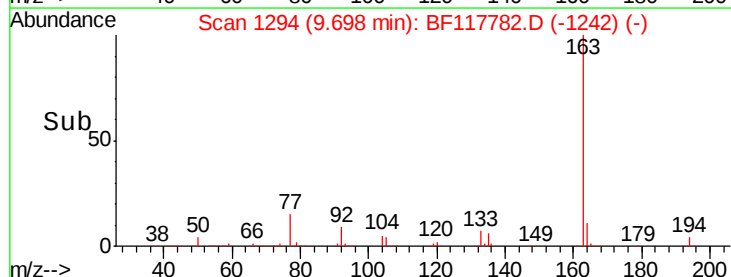
164 10.5 8.7 13.1

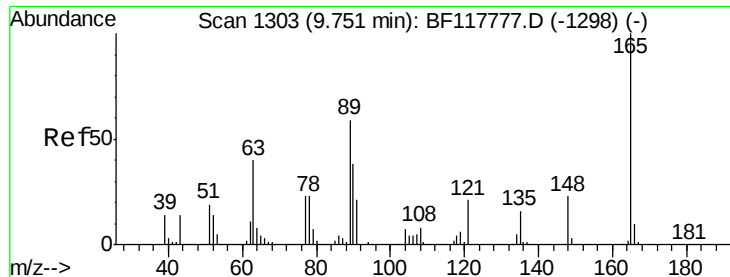


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.907 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

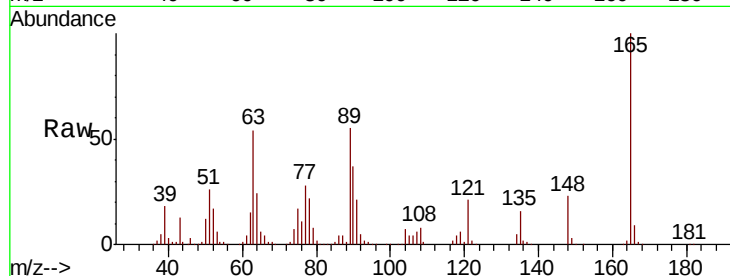
Tot Ion:165 Resp: 342431

Ion Ratio Lower Upper

165 100

63 54.0 46.0 69.0

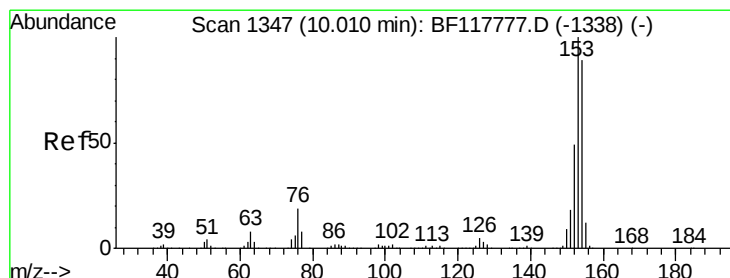
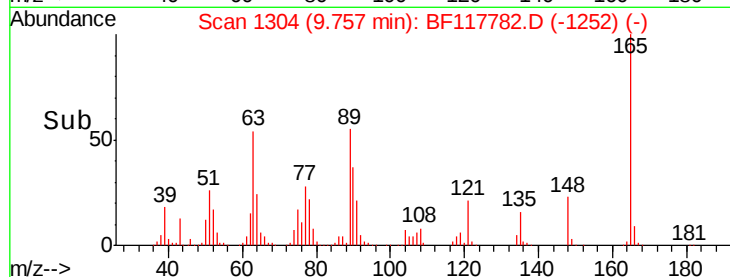
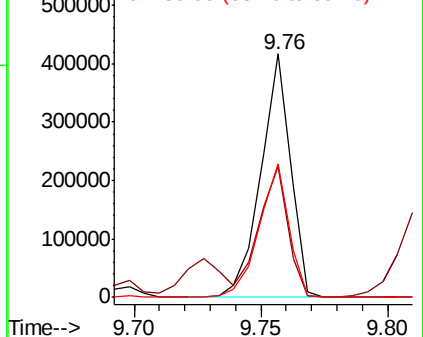
89 55.0 47.7 71.5



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



#52

Acenaphthene

Concen: 39.307 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

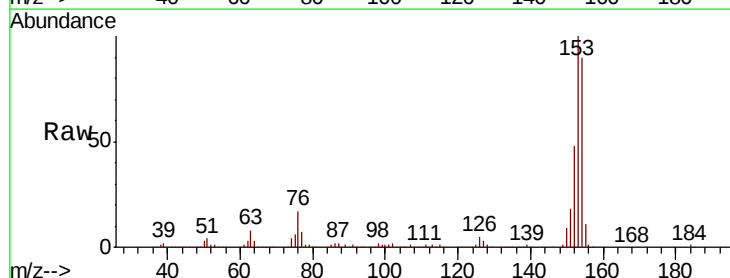
Tgt Ion:154 Resp: 1254484

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

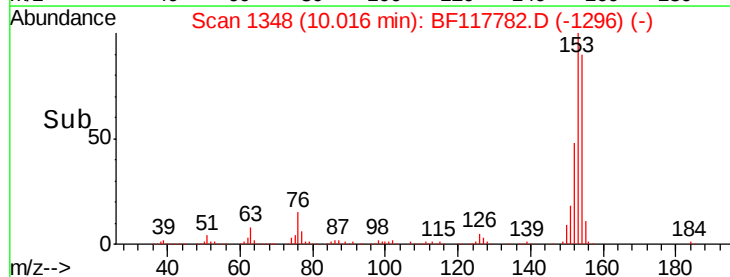
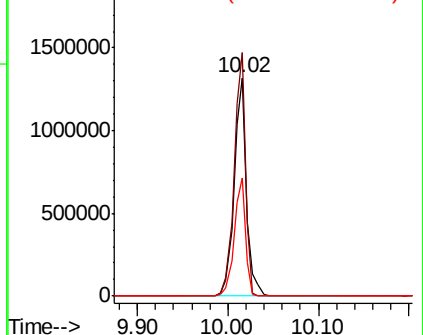
152 54.0 44.0 66.0

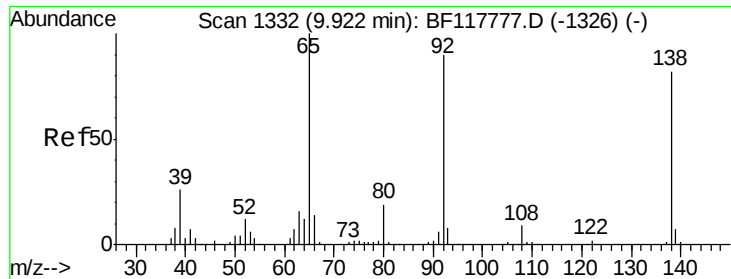


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

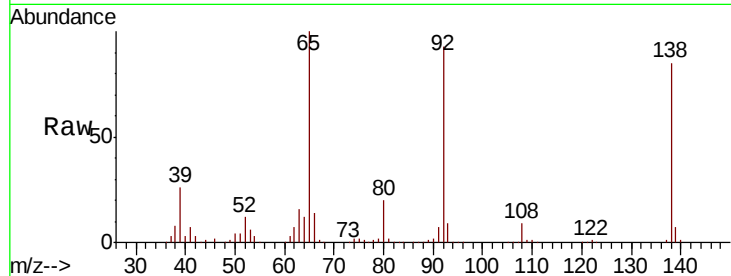




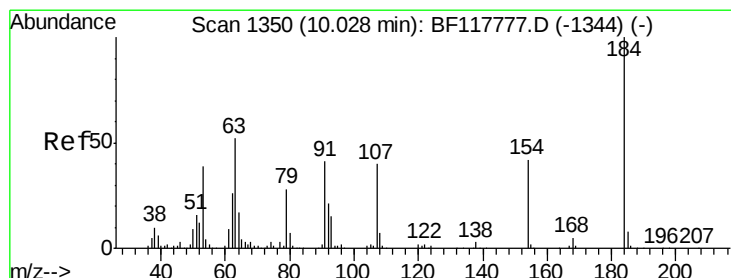
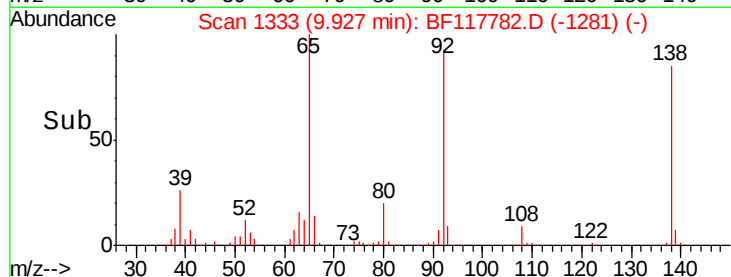
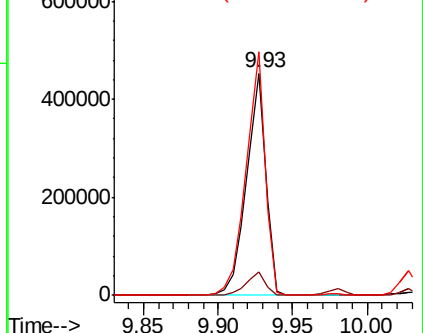
#53
3-Nitroaniline
Concen: 39.731 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion:138 Resp: 407944
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 109.6 87.9 131.9

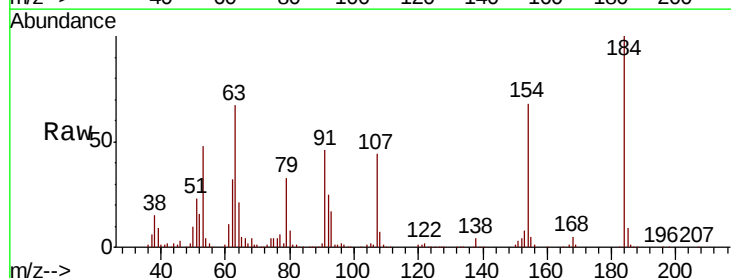


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

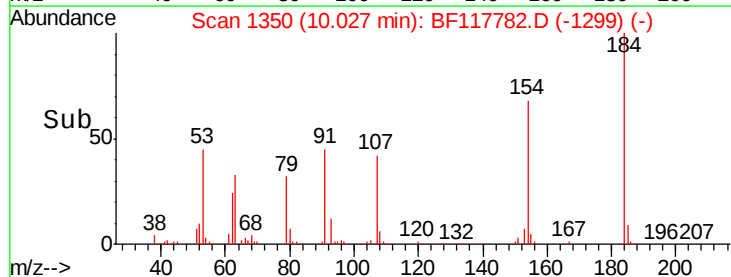
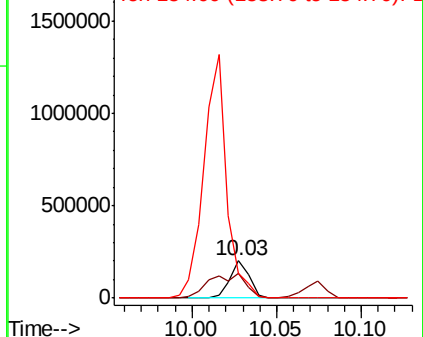


#54
2,4-Dinitrophenol
Concen: 40.768 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:184 Resp: 162574
Ion Ratio Lower Upper
184 100
63 66.5 43.0 64.6#
154 68.4 48.0 72.0



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

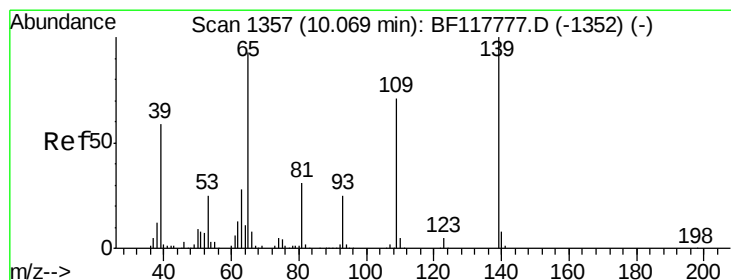
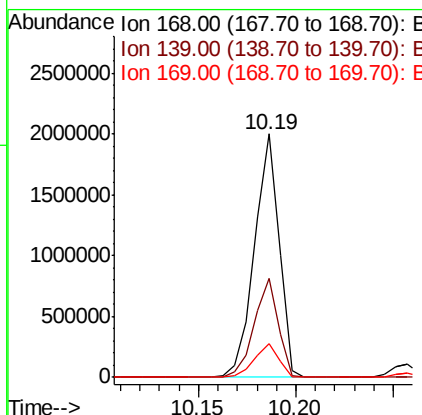
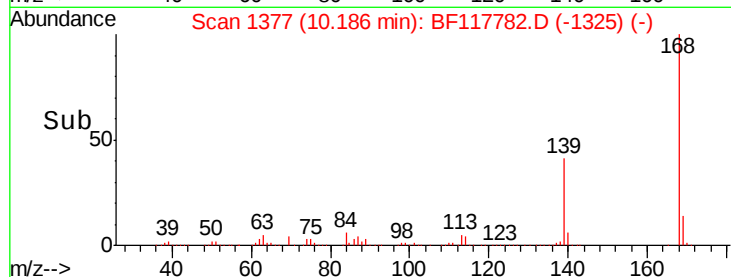
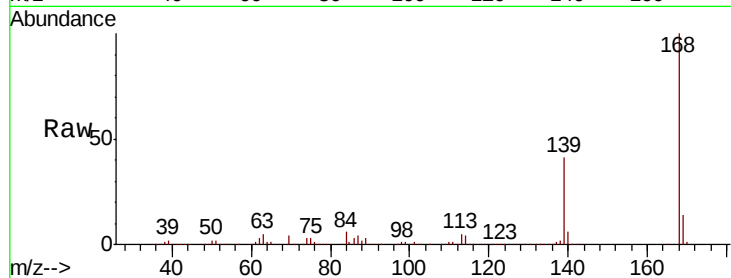




#55
Dibenzenofuran
Concen: 39.468 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

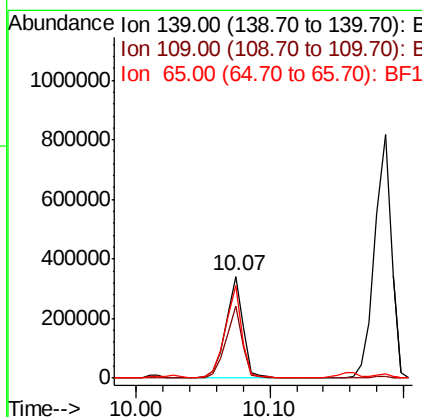
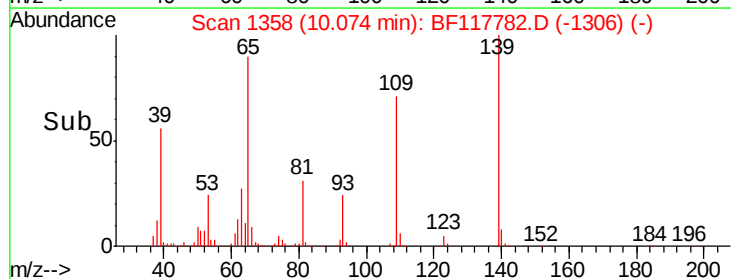
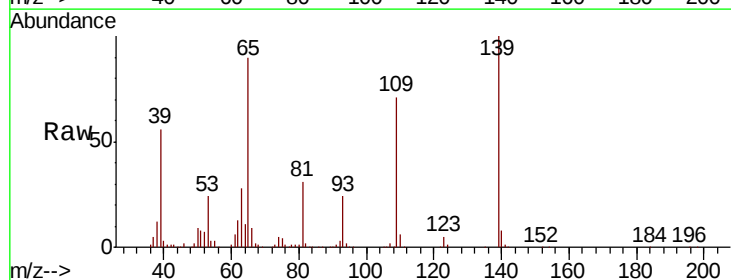
Instrument :
BNA_F
ClientSampleId :
ICVBF111319

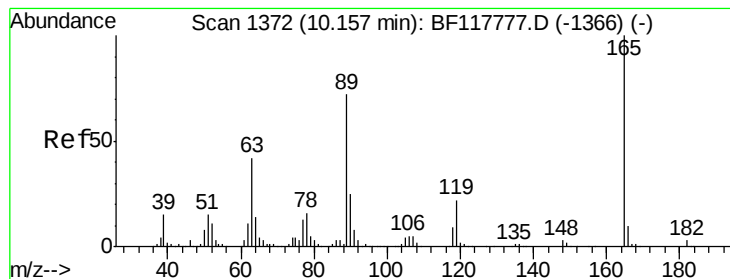
Tot Ion:168 Resp: 1744254
Ion Ratio Lower Upper
168 100
139 40.9 33.0 49.6
169 13.9 11.5 17.3



#56
4-Nitrophenol
Concen: 40.863 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:139 Resp: 313178
Ion Ratio Lower Upper
139 100
109 70.9 50.8 90.8
65 90.3 73.6 113.6





#57

2,4-Dinitrotoluene

Concen: 41.226 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

Tot Ion:165 Resp: 449997

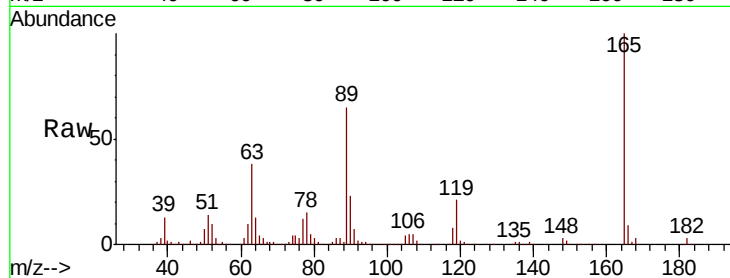
Ion Ratio Lower Upper

165 100

63 37.6 33.7 50.5

89 65.1 57.3 85.9

182 2.8 2.3 3.5

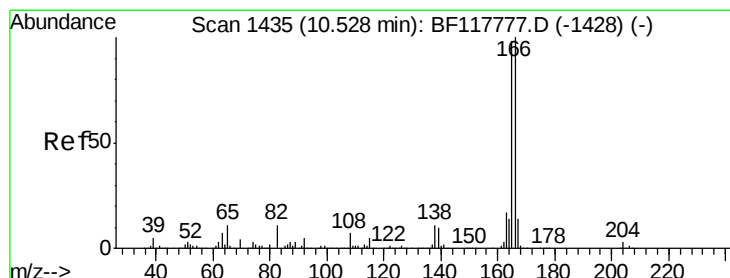
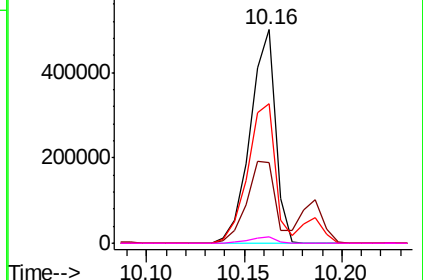
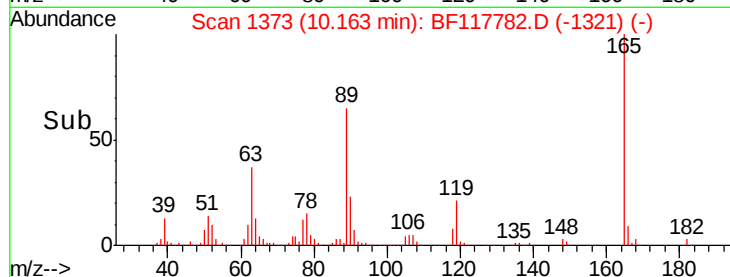


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.290 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

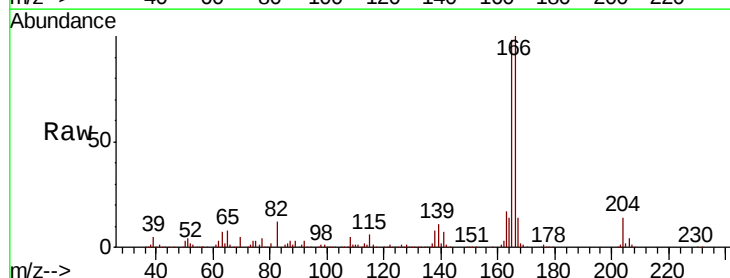
Tgt Ion:166 Resp: 1311338

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

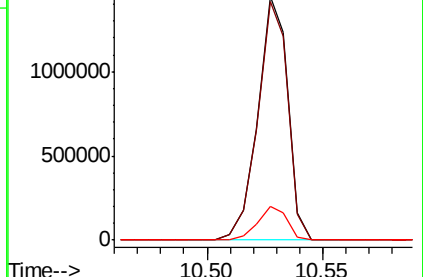
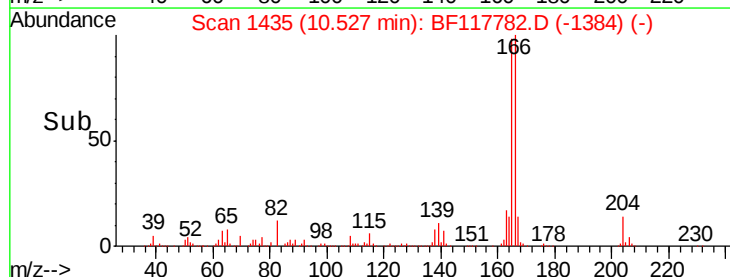
167 13.9 11.0 16.4



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: 39.710 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

Tot Ion:232 Resp: 394532

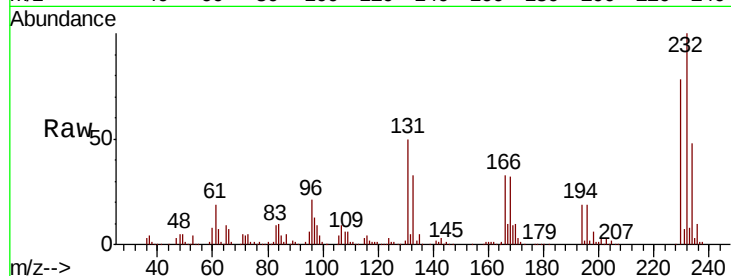
Ion Ratio Lower Upper

232 100

131 47.3 37.6 56.4

130 2.3 1.9 2.9

166 31.3 24.2 36.4

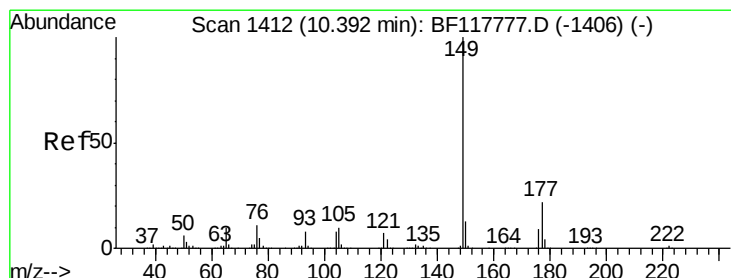
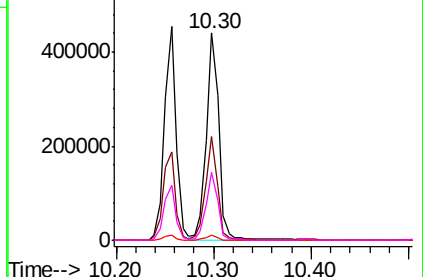
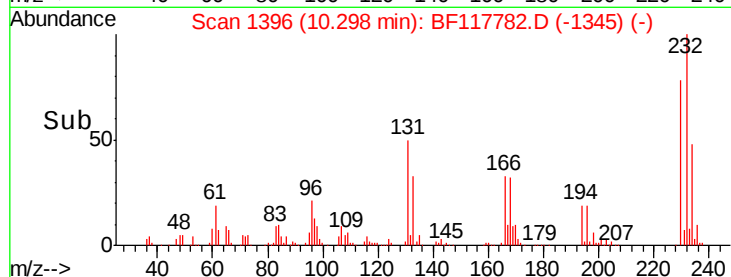


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.701 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

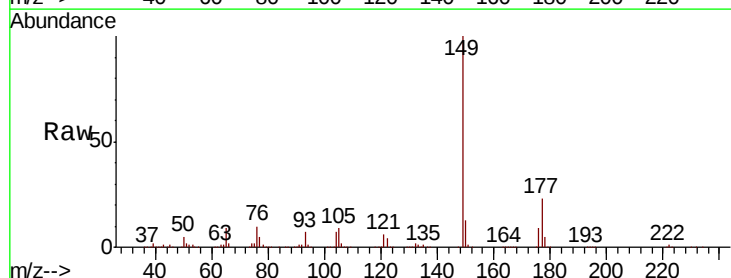
Tgt Ion:149 Resp: 1519646

Ion Ratio Lower Upper

149 100

177 23.1 18.0 27.0

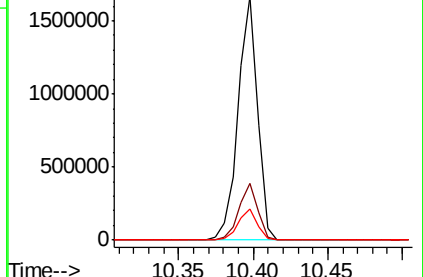
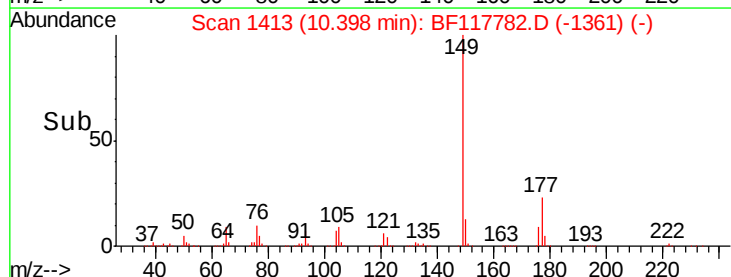
150 13.0 10.5 15.7

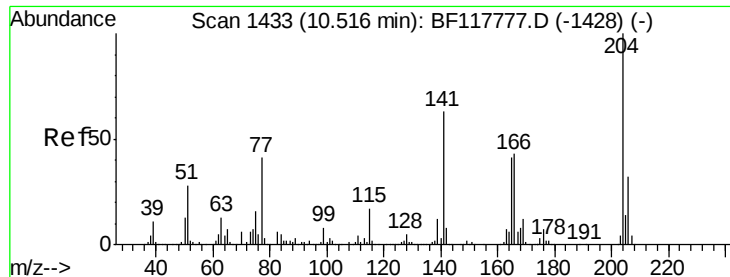


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

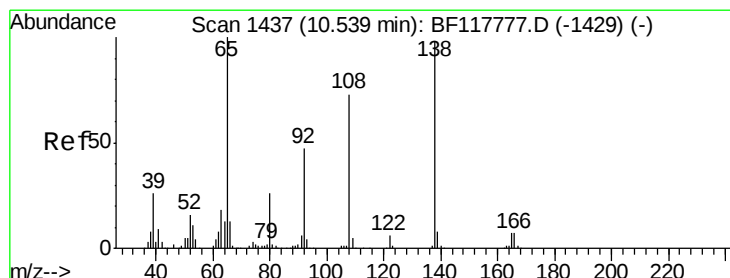
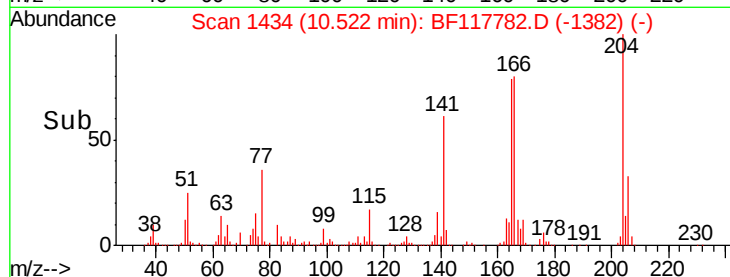
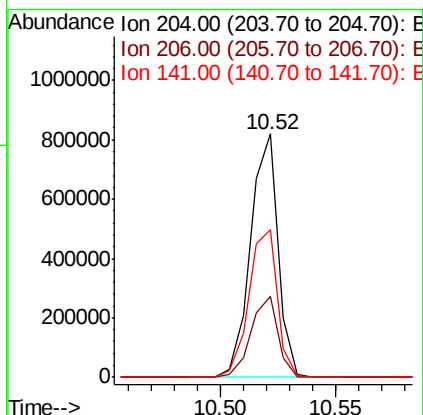
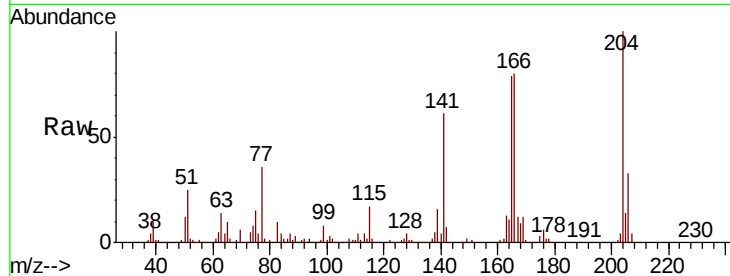




#61
 4-Chlorophenyl-phenylether
 Concen: 39.363 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

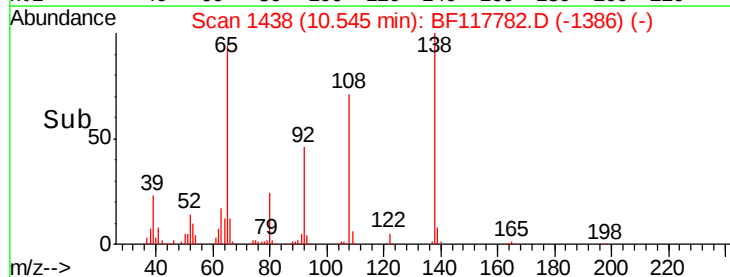
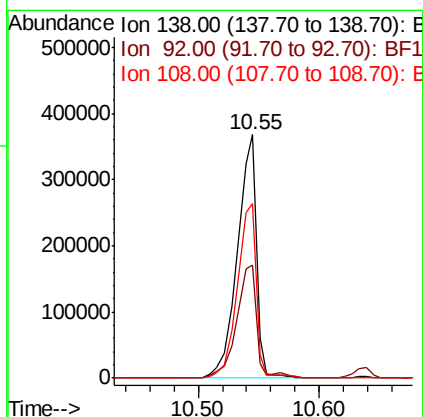
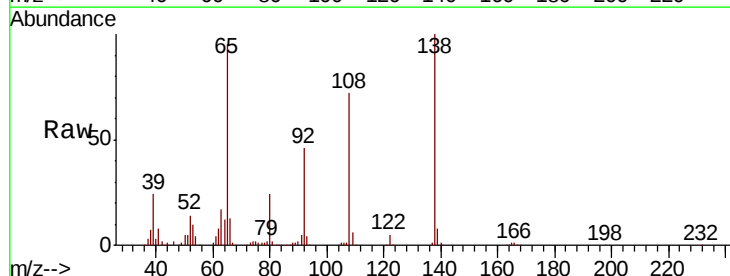
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111319

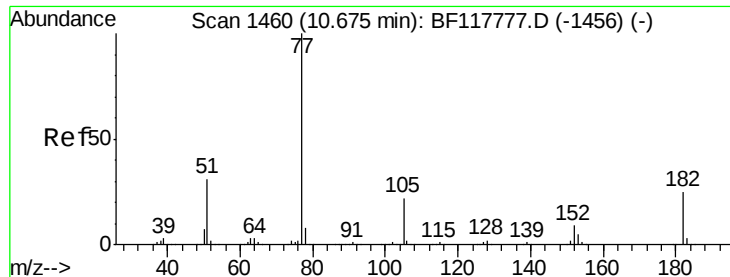
Tot Ion:	204	Resp:	684135
Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.6	38.4
141	60.7	50.7	76.1



#62
 4-Nitroaniline
 Concen: 39.787 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF117782.D
 Acq: 13 Nov 2019 18:35

Tgt Ion:	138	Resp:	409025
Ion	Ratio	Lower	Upper
138	100		
92	46.5	28.3	68.3
108	71.6	54.3	94.3





#63

Azobenzene

Concen: 39.613 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

Tot Ion: 77 Resp: 1379481

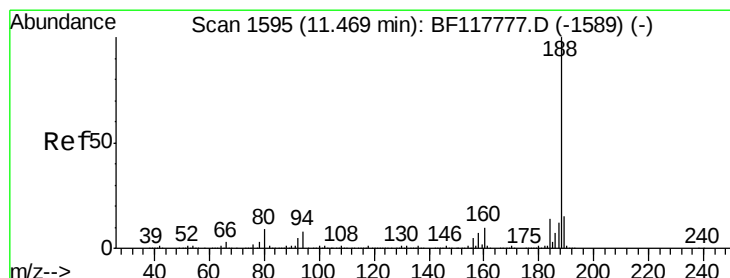
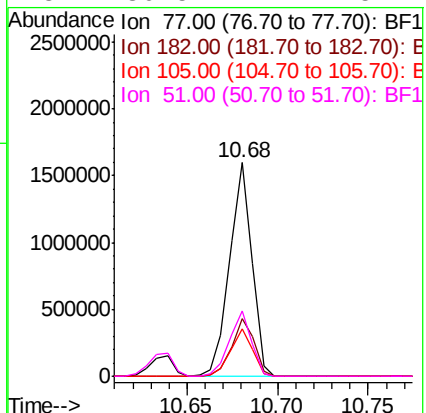
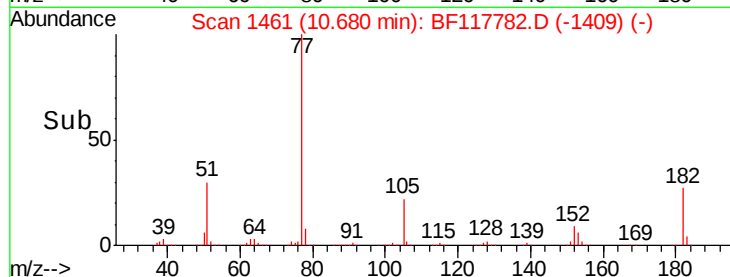
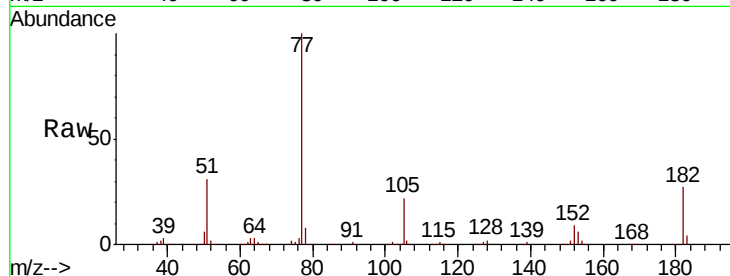
Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.8	44.8
105	22.3	2.1	42.1
51	30.5	11.4	51.4

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

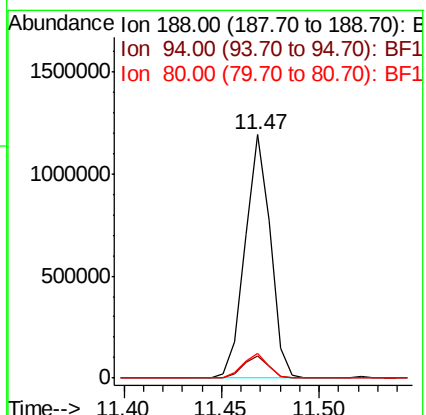
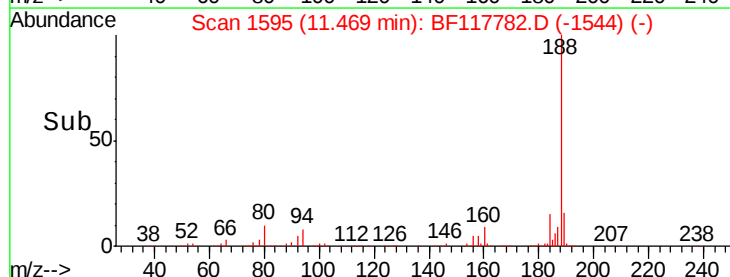
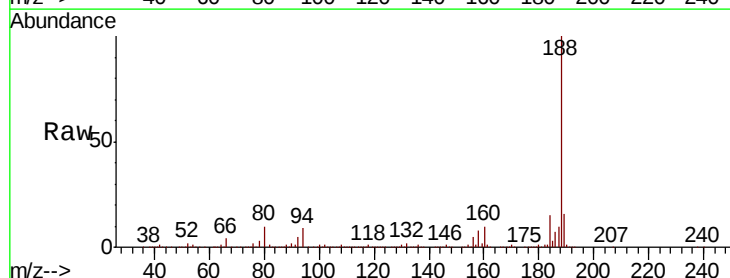
Tgt Ion: 188 Resp: 1071045

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	9.9	7.2	10.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.790 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

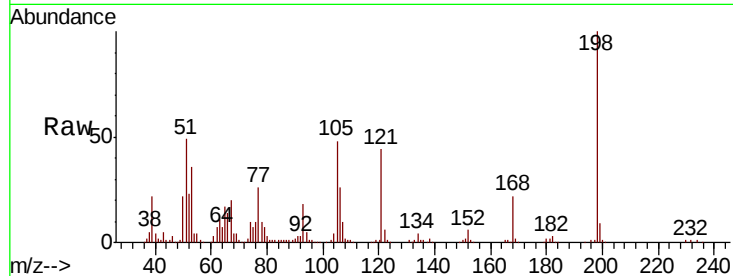
Tot Ion:198 Resp: 208950

Ion Ratio Lower Upper

198 100

51 48.8 16.0 56.0

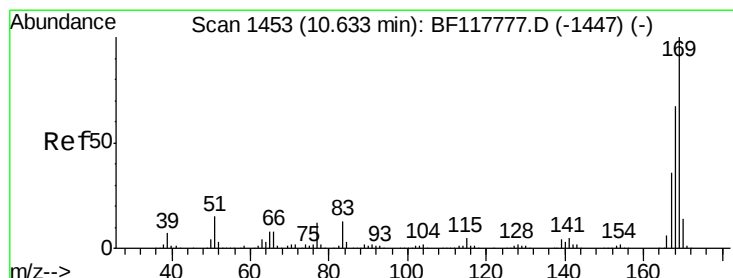
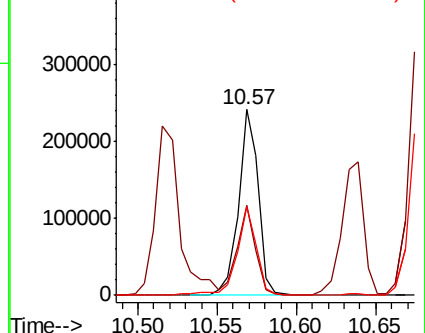
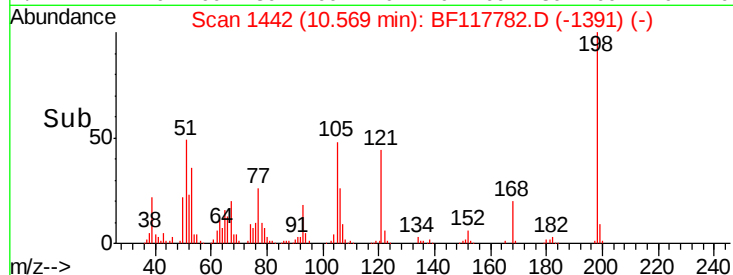
105 47.7 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.578 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

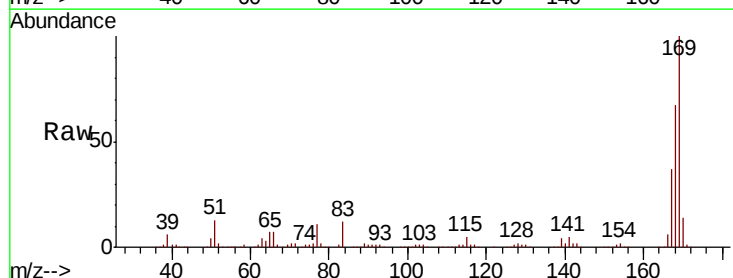
Tgt Ion:169 Resp: 1202494

Ion Ratio Lower Upper

169 100

168 66.8 53.5 80.3

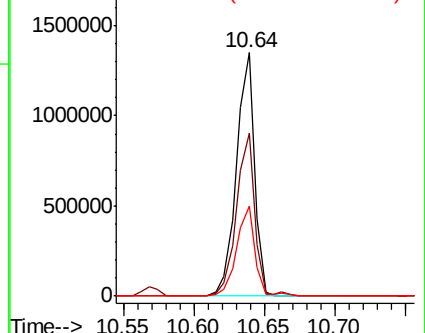
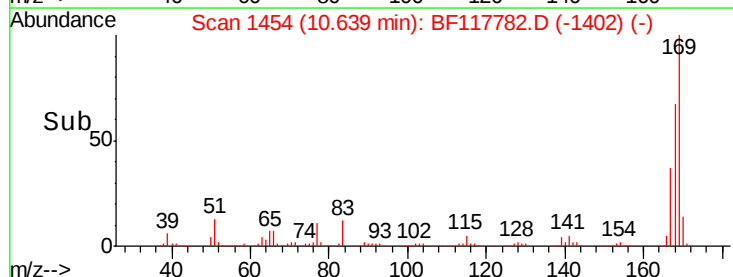
167 36.8 29.0 43.4



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

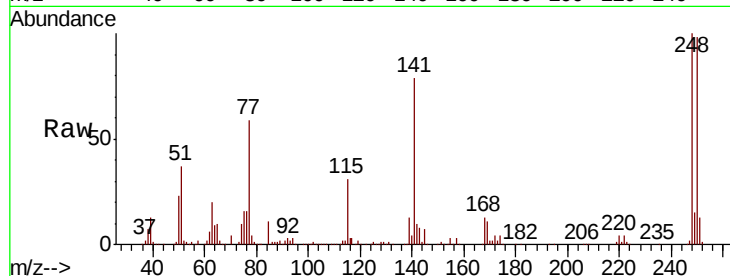




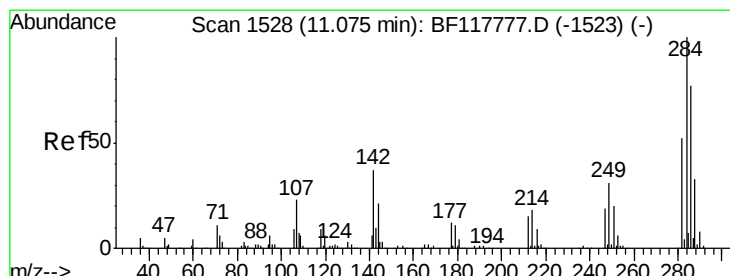
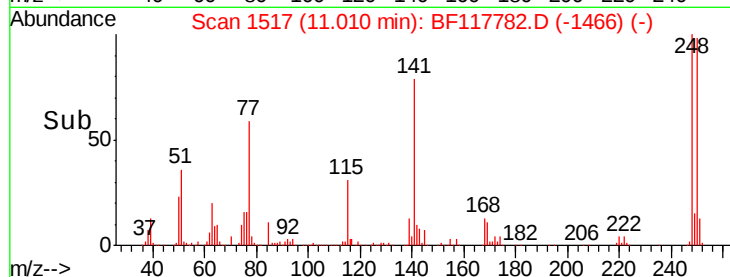
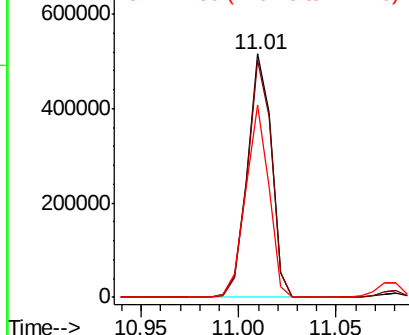
#67
4-Bromophenyl-phenylether
Concen: 38.328 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion:248 Resp: 442930
Ion Ratio Lower Upper
248 100
250 97.6 76.6 115.0
141 78.8 55.9 83.9

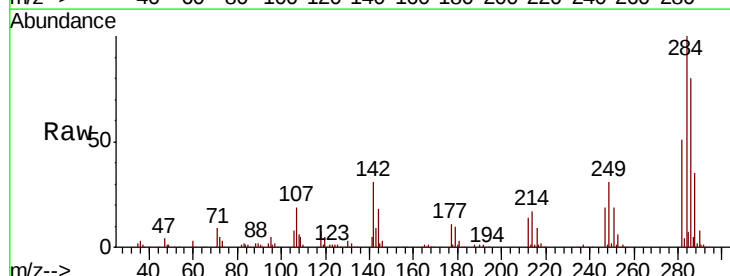


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

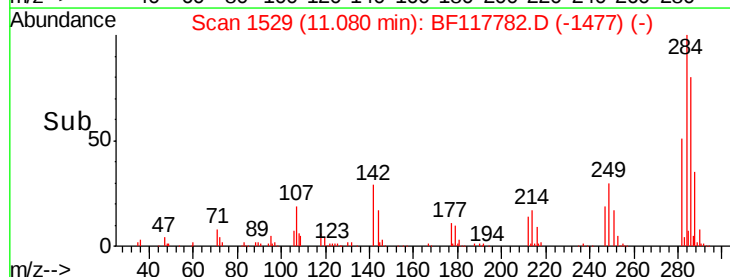
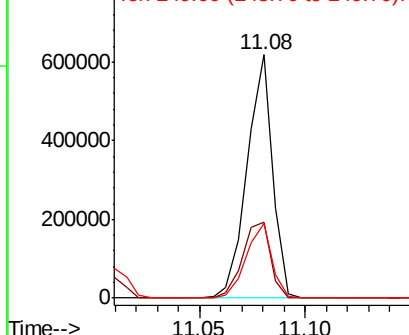


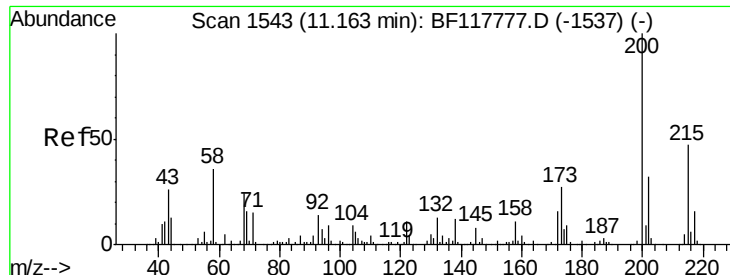
#68
Hexachlorobenzene
Concen: 38.515 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:284 Resp: 519007
Ion Ratio Lower Upper
284 100
142 31.3 29.4 44.2
249 30.6 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

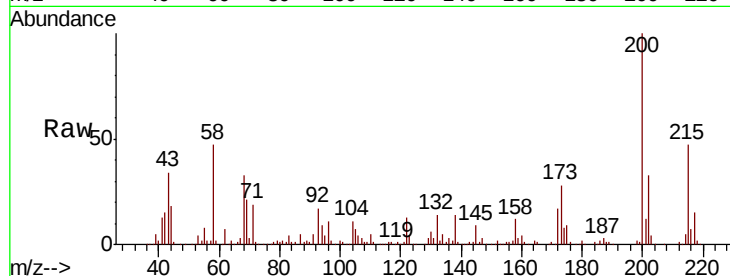




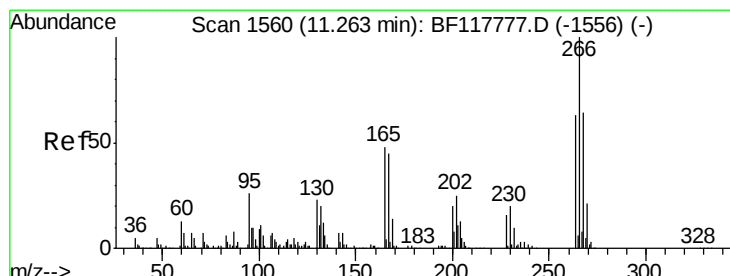
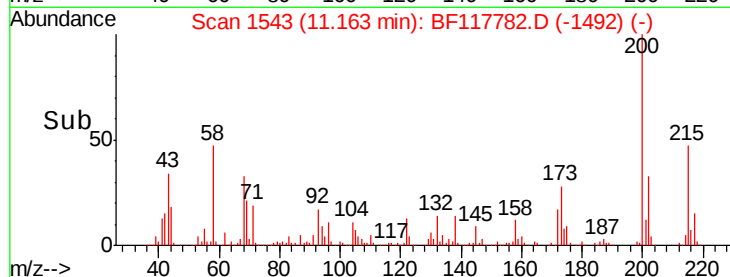
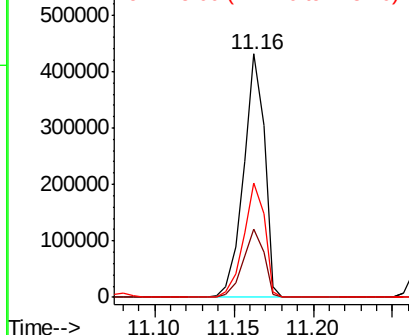
#69
Atrazine
Concen: 38.254 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion:200 Resp: 392246
Ion Ratio Lower Upper
200 100
173 28.2 6.7 46.7
215 47.1 27.5 67.5

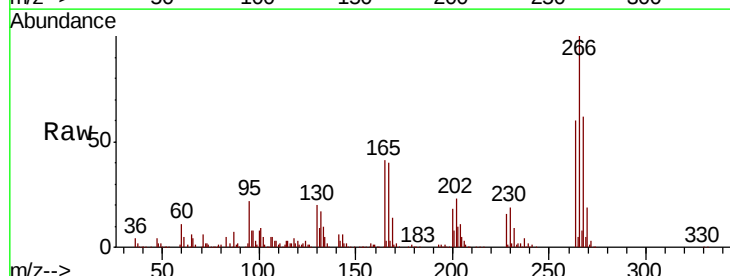


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

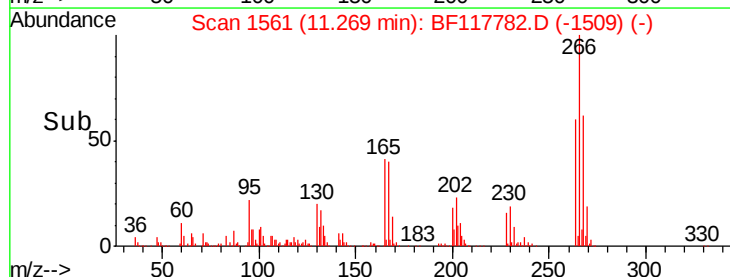
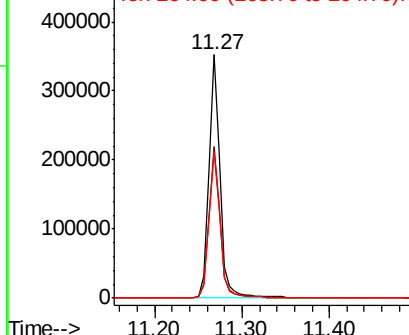


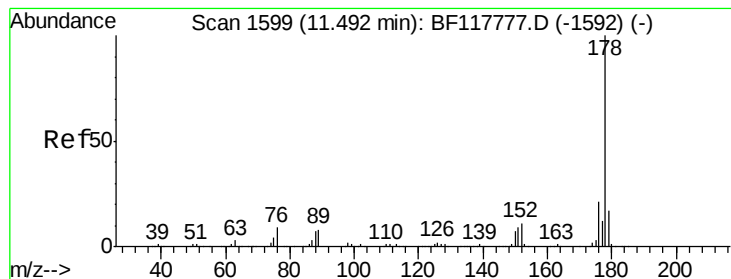
#70
Pentachlorophenol
Concen: 40.016 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:266 Resp: 315033
Ion Ratio Lower Upper
266 100
268 62.0 50.8 76.2
264 60.2 50.7 76.1



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: 37.940 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

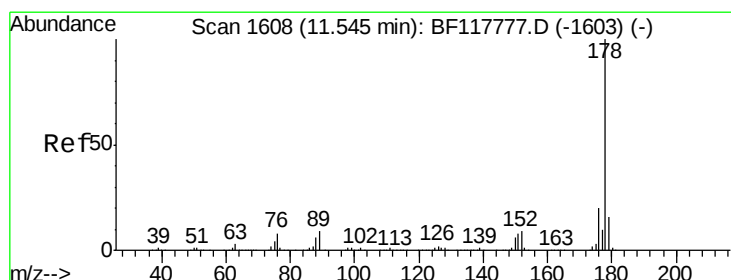
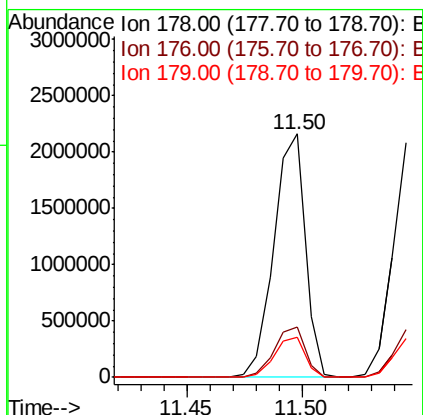
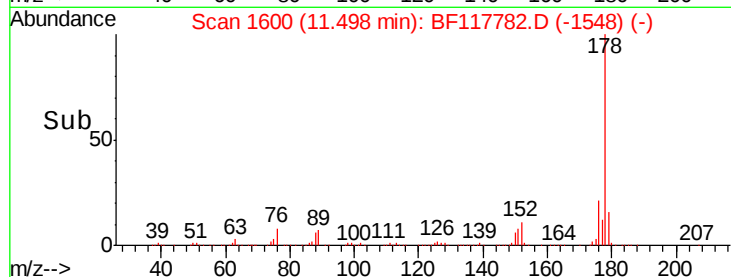
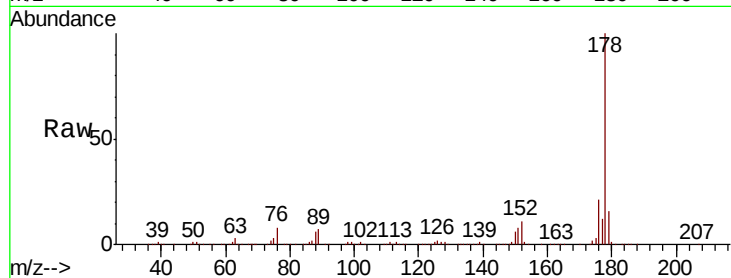
Tot Ion:178 Resp: 2042992

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

179 16.4 13.2 19.8



#72

Anthracene

Concen: 37.933 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

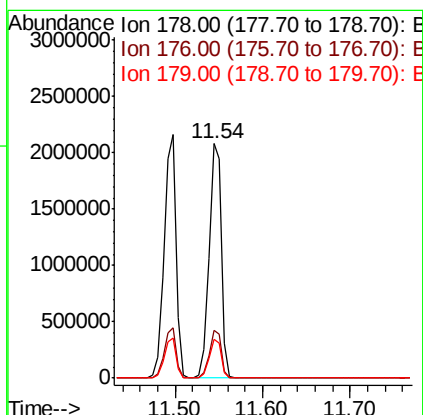
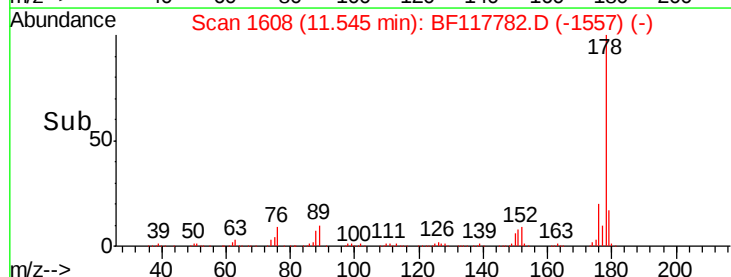
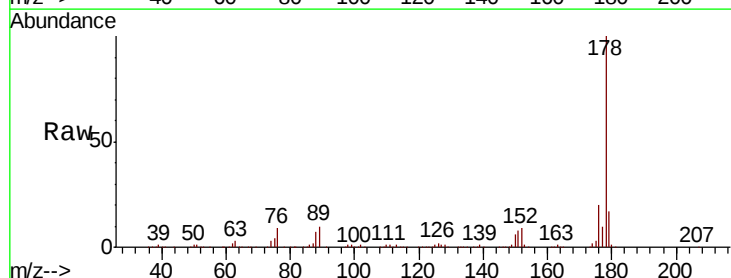
Tgt Ion:178 Resp: 2025208

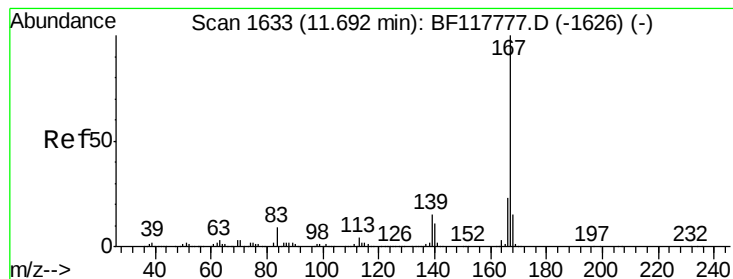
Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

179 16.6 13.0 19.4





#73

Carbazole

Concen: 39.443 ng

RT: 11.70 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

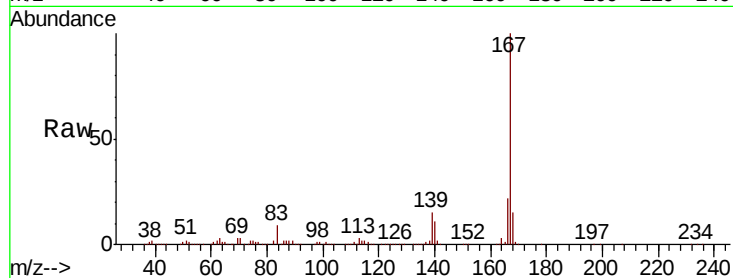
Tot Ion:167 Resp: 1840206

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

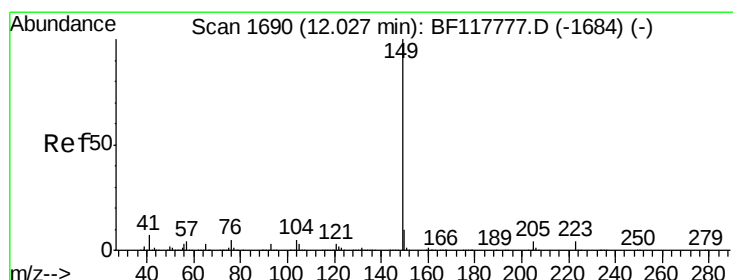
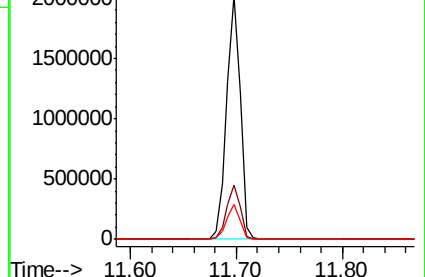
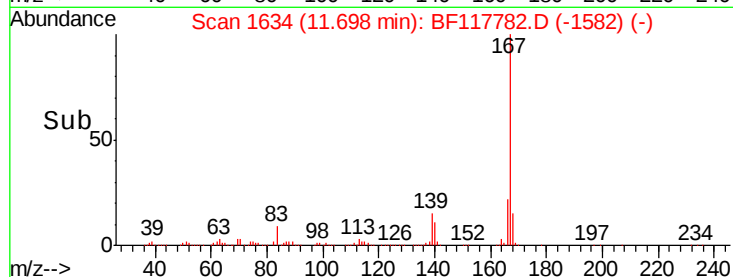
139 14.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.331 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

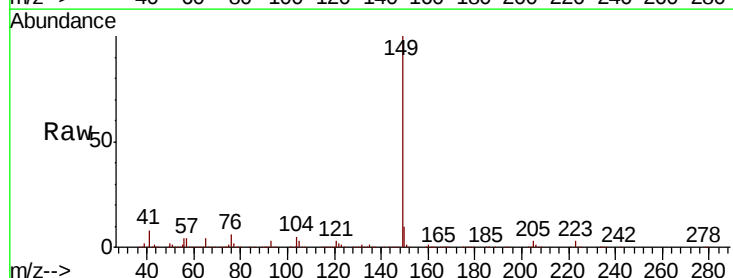
Tgt Ion:149 Resp: 2226593

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

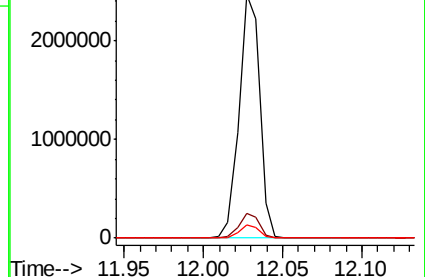
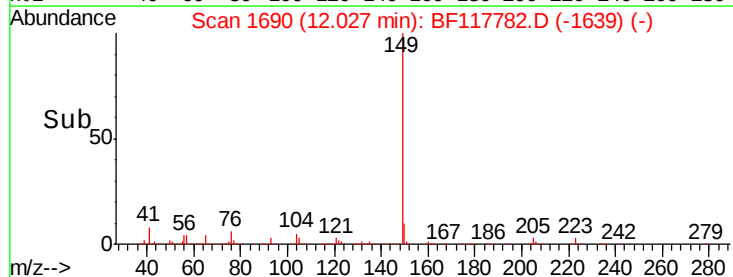
104 5.4 4.2 6.4

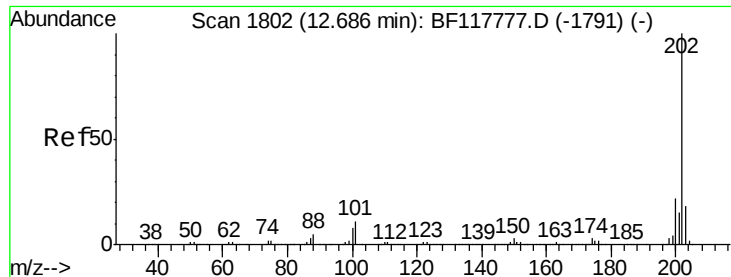


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

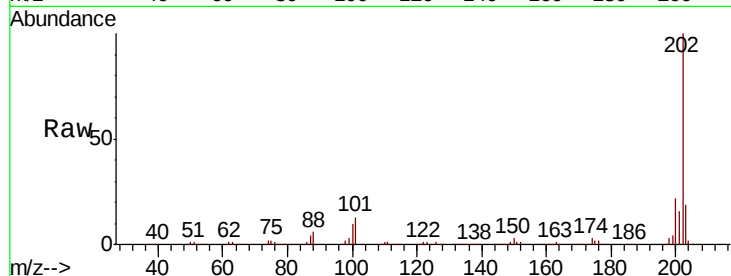




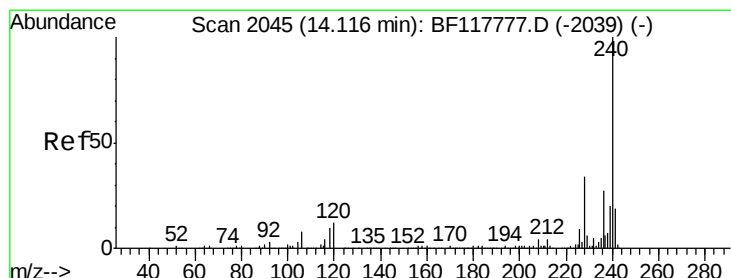
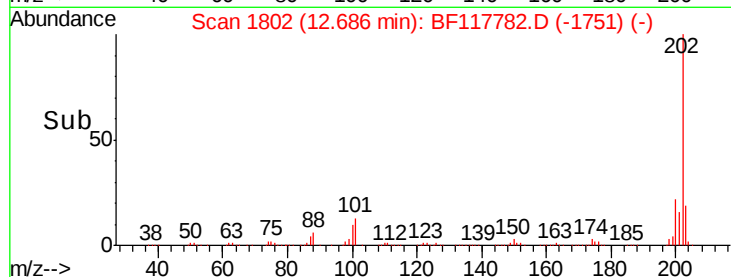
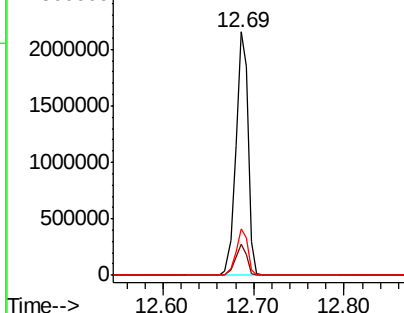
#75
Fluoranthene
Concen: 41.541 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :
ICVBF111319

Tot Ion:202 Resp: 2065386
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.1
203 18.9 0.0 38.2

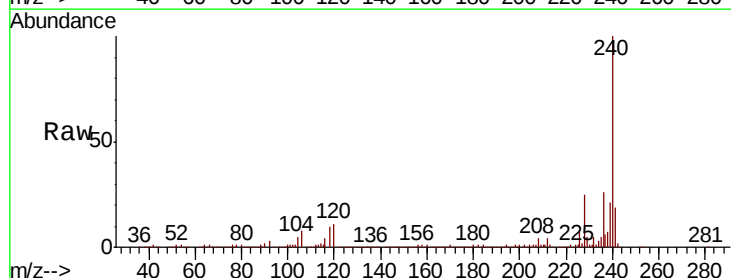


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

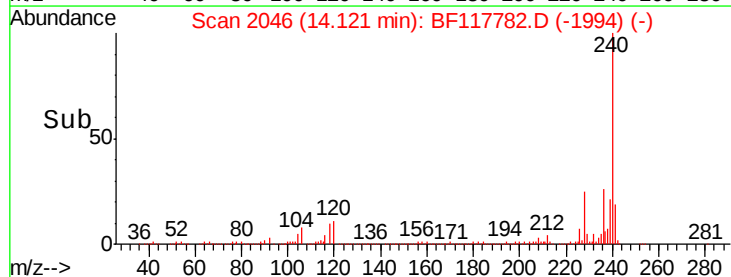
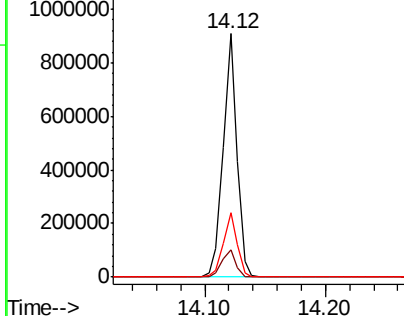


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:240 Resp: 714630
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.5 21.3 31.9



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

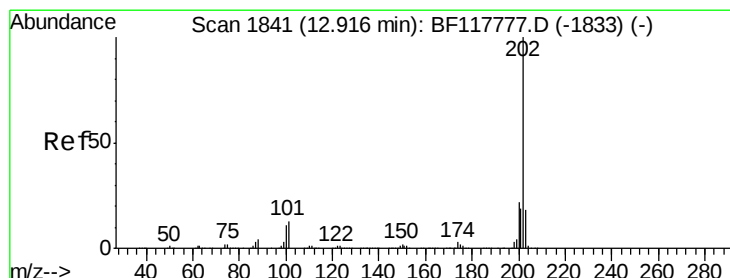
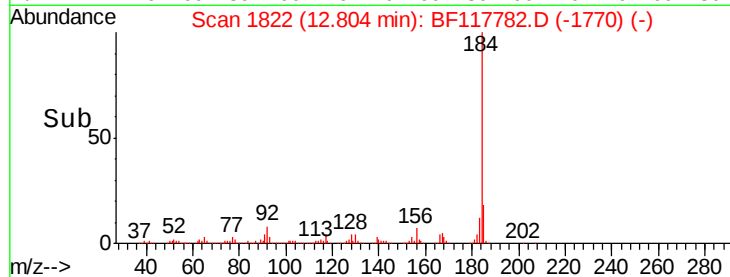
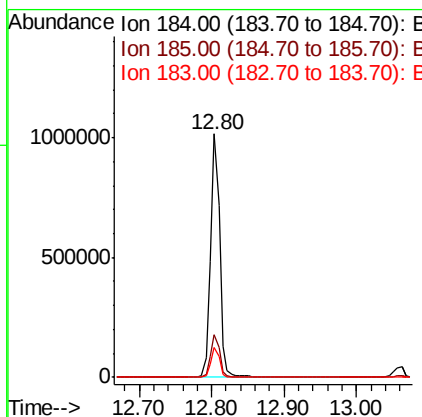
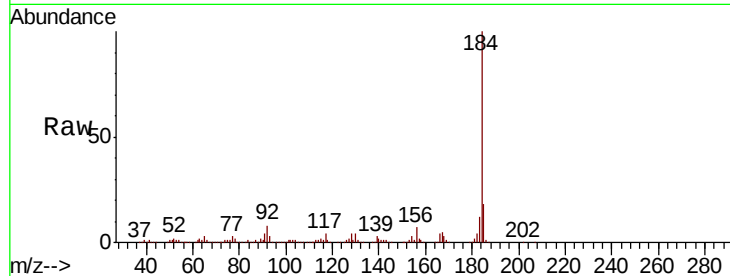




#77
Benzidine
Concen: 38.017 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

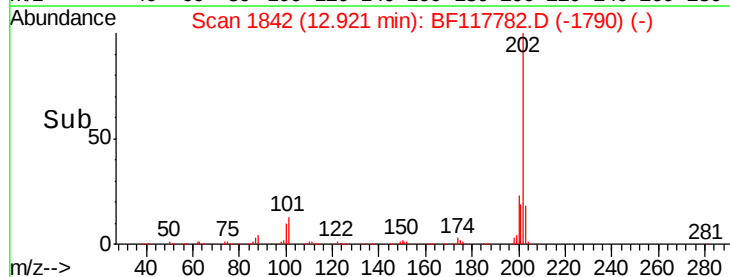
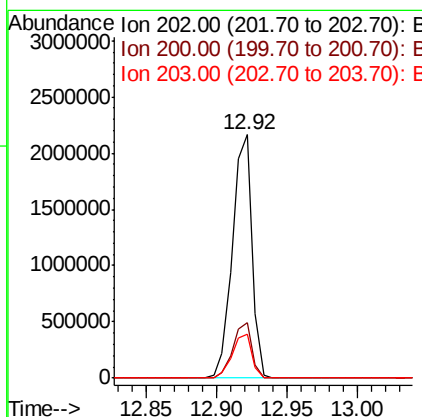
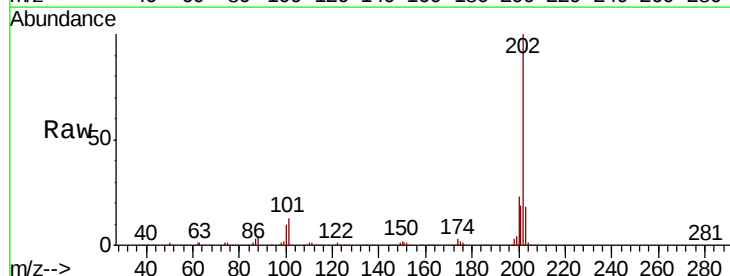
Instrument :
BNA_F
ClientSampleId :
ICVBF111319

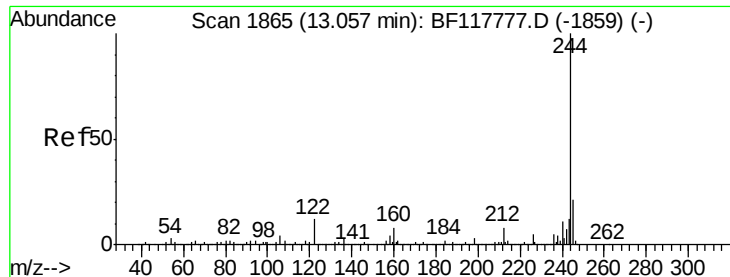
Tot Ion:184 Resp: 889920
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.4
183 12.3 9.5 14.3



#78
Pyrene
Concen: 36.095 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:202 Resp: 2084598
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.8
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 72.161 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

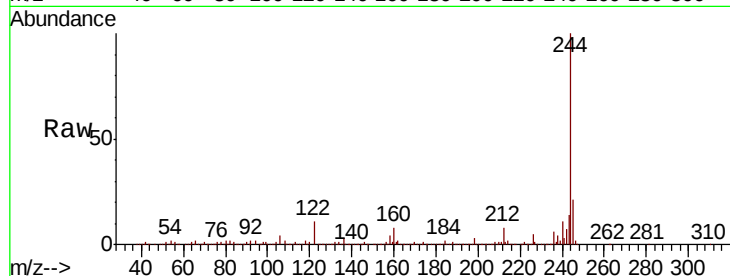
Tot Ion:244 Resp: 2821613

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

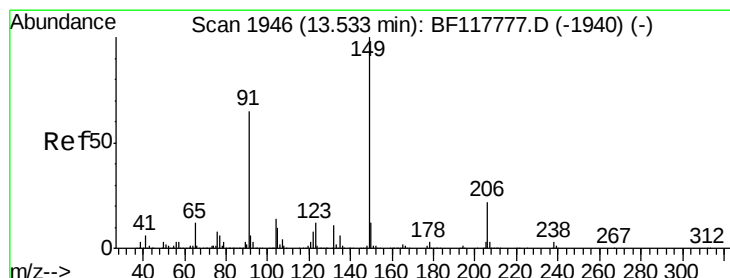
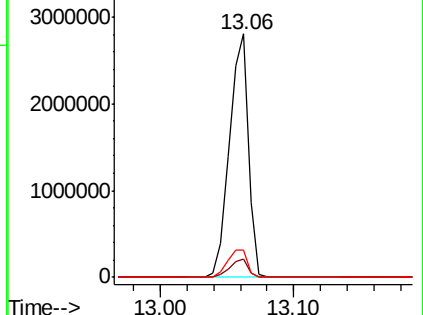
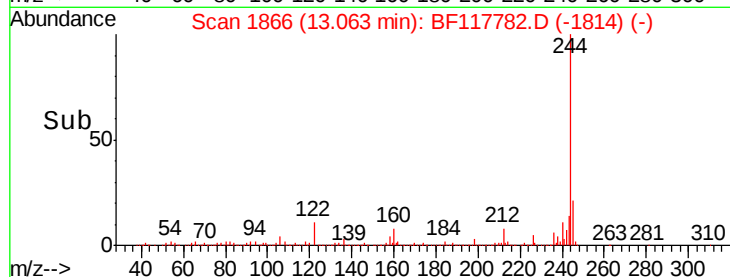
122 11.0 9.4 14.2



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: 37.806 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

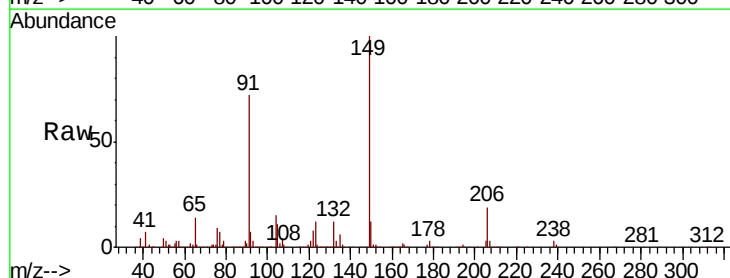
Tgt Ion:149 Resp: 937771

Ion Ratio Lower Upper

149 100

91 71.8 51.9 77.9

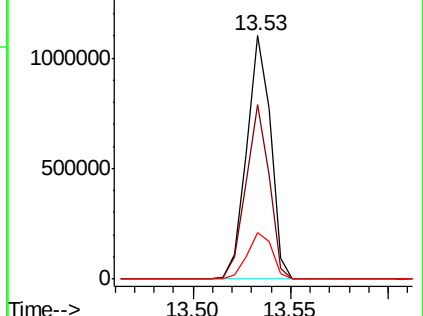
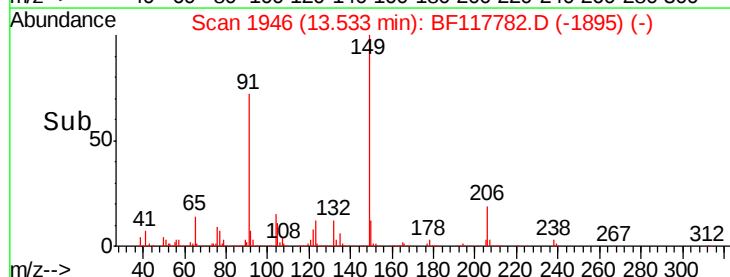
206 19.1 17.2 25.8

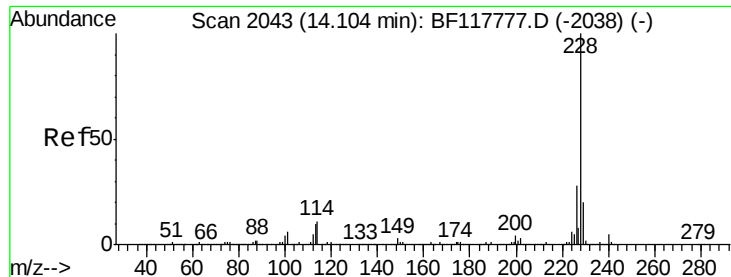


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.092 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

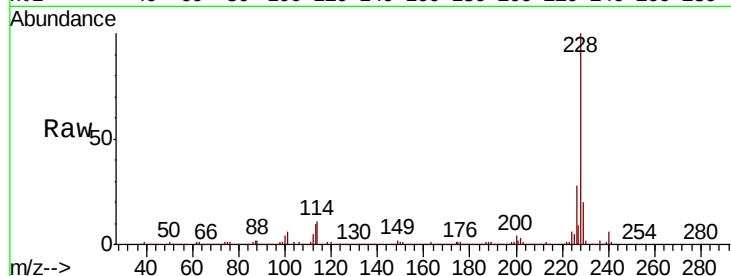
BNA_F

ClientSampleId :

ICVBF111319

Tot Ion:228 Resp: 1798854

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.3	15.9	23.9

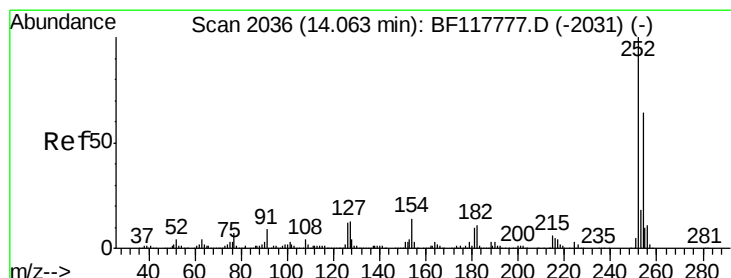
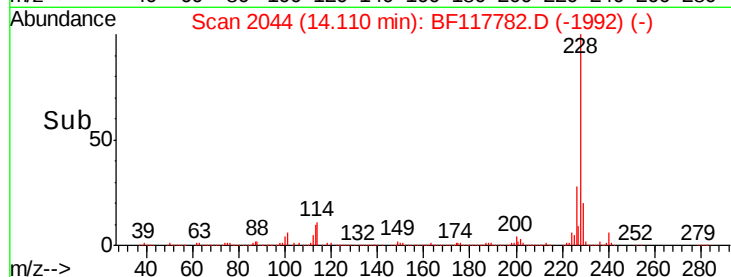
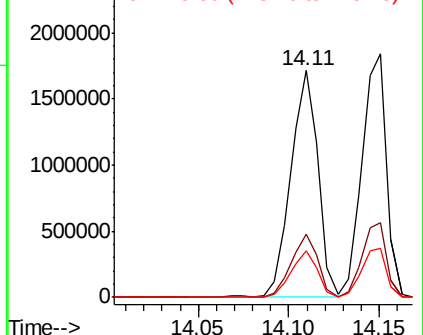


Abundance

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: 38.697 ng

RT: 14.07 min Scan# 2037

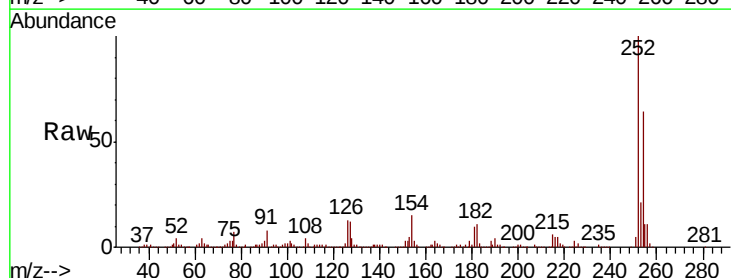
Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Tgt Ion:252 Resp: 639213

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	12.7	9.7	14.5

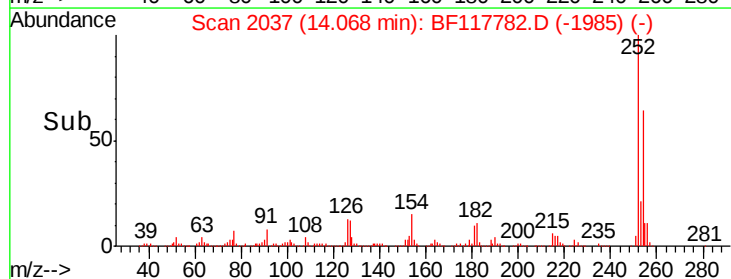
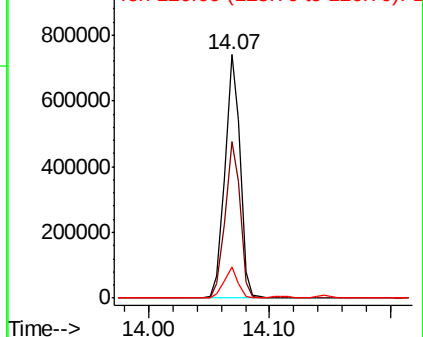


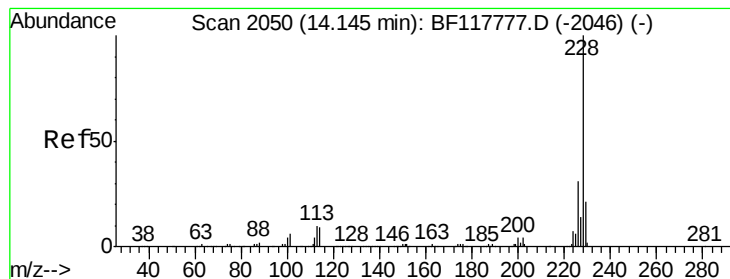
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.799 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

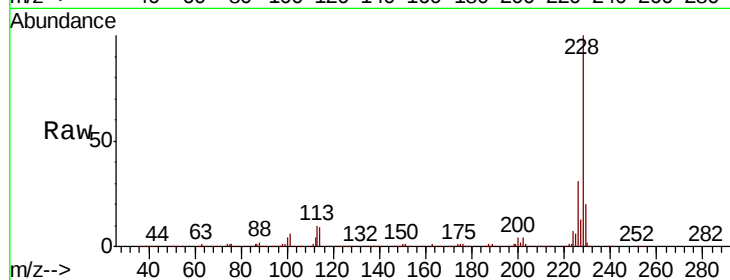
Tot Ion:228 Resp: 1729689

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

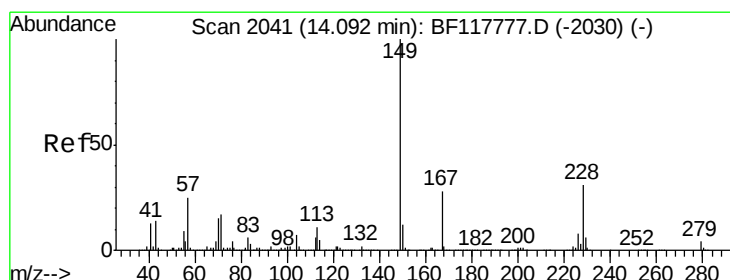
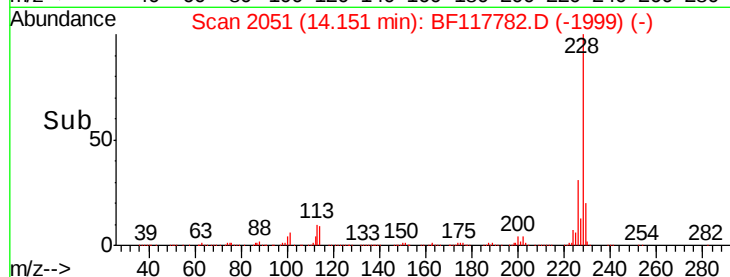
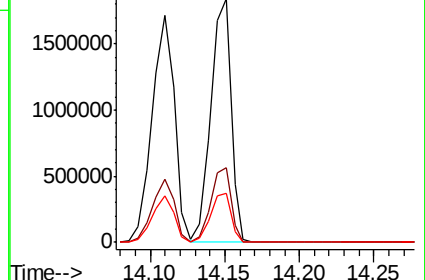
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

2500000 Ion 226.00 (225.70 to 226.70): E

2000000 Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.712 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

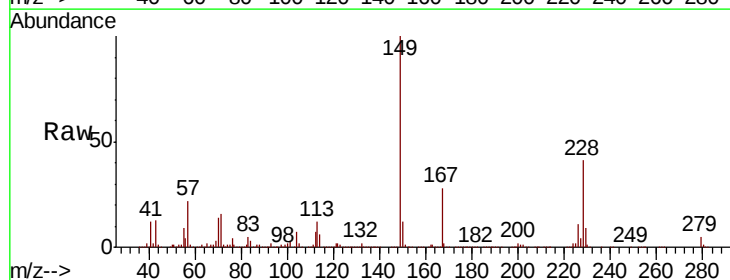
Tgt Ion:149 Resp: 1194247

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

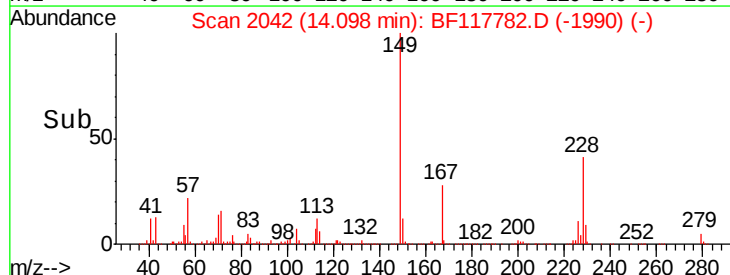
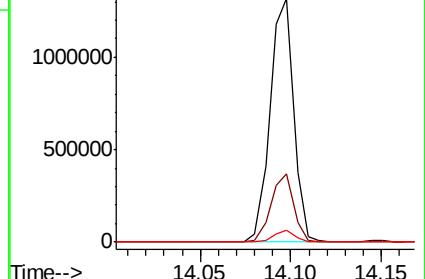
279 4.7 3.4 5.2

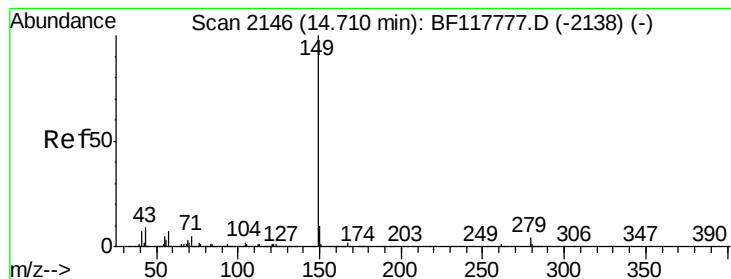


Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

1000000 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.882 ng

RT: 14.72 min Scan# 2147

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

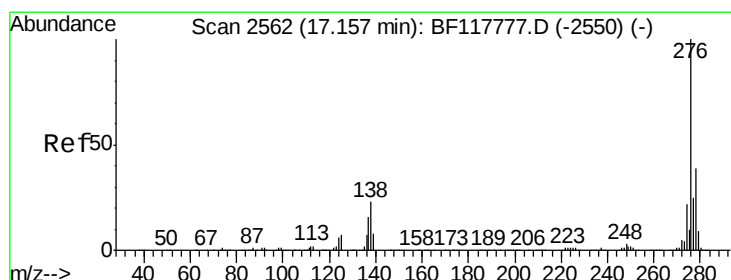
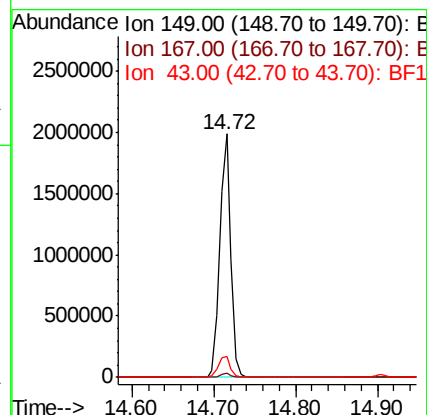
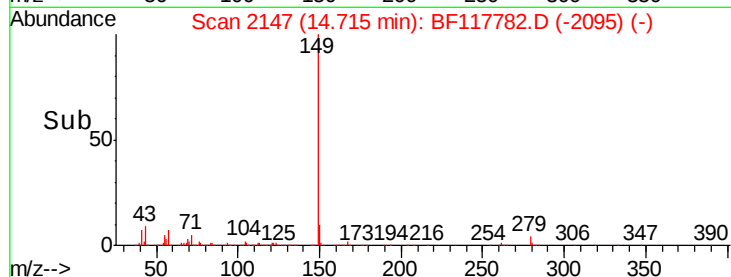
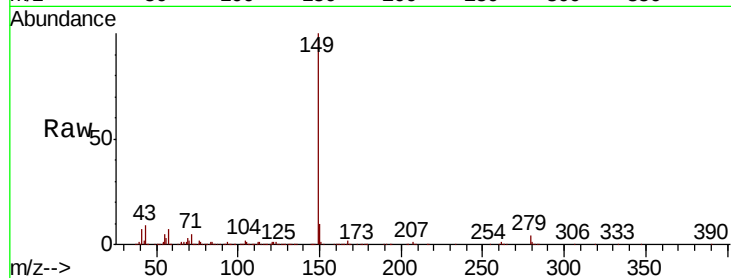
Tot Ion:149 Resp: 1850291

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.2 7.4 11.2



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.763 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

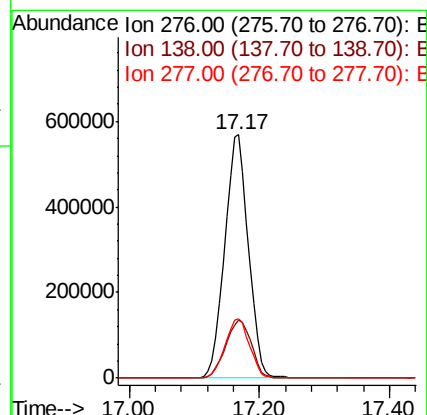
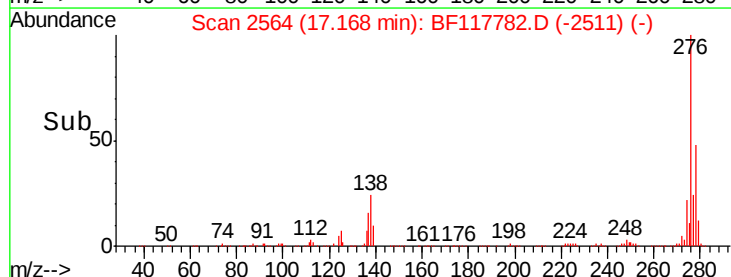
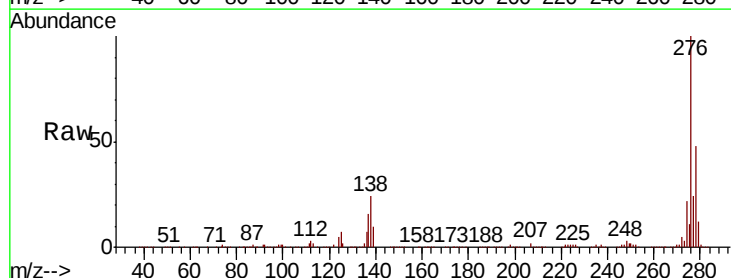
Tgt Ion:276 Resp: 1431773

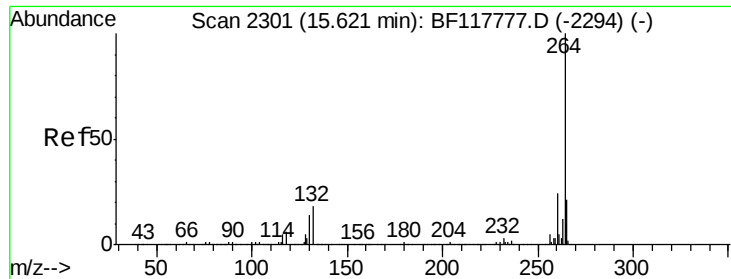
Ion Ratio Lower Upper

276 100

138 25.7 20.9 31.3

277 25.4 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

BNA_F

ClientSampleId :

ICVBF111319

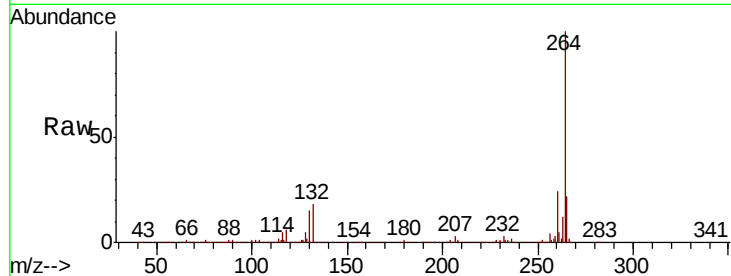
Tot Ion:264 Resp: 645390

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

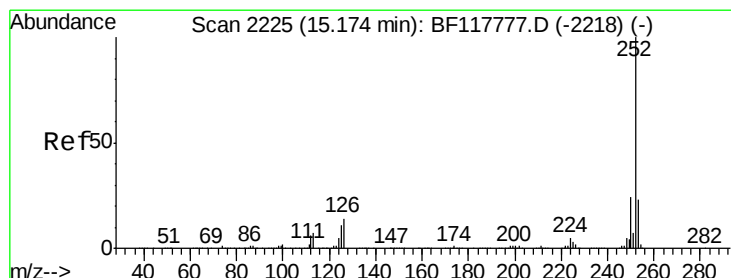
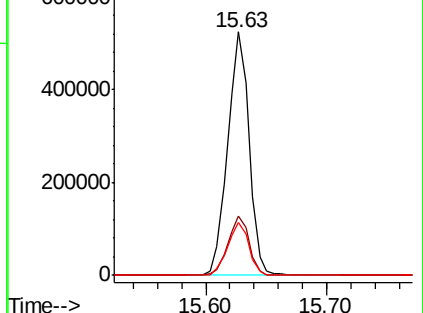
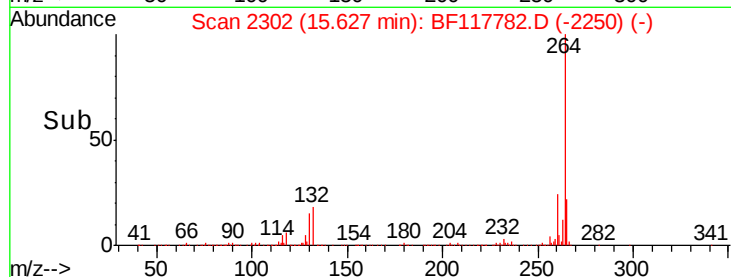
265 22.0 17.1 25.7



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: 38.938 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

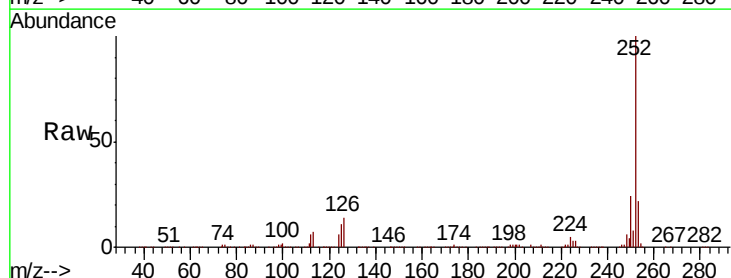
Tgt Ion:252 Resp: 1632712

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

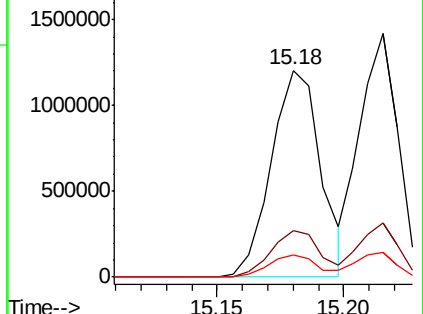
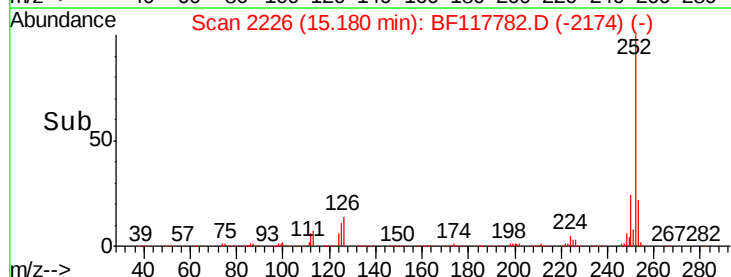
125 11.0 8.6 13.0

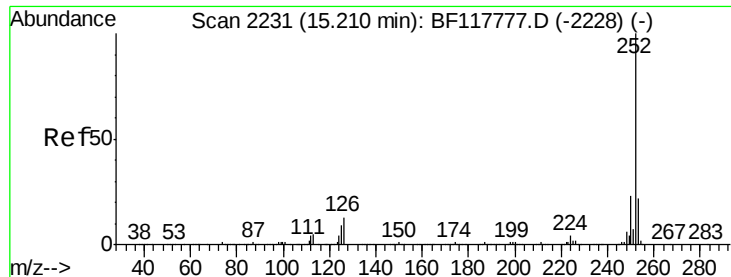


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

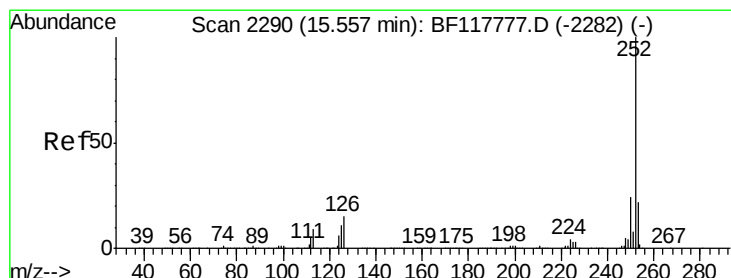
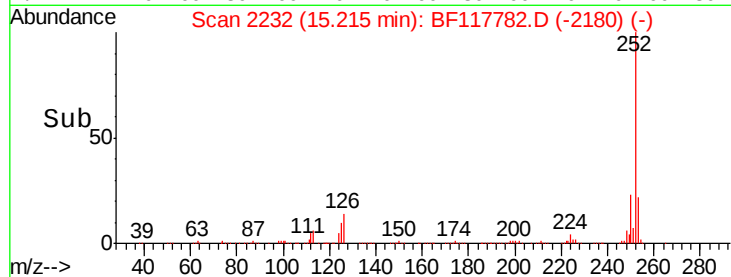
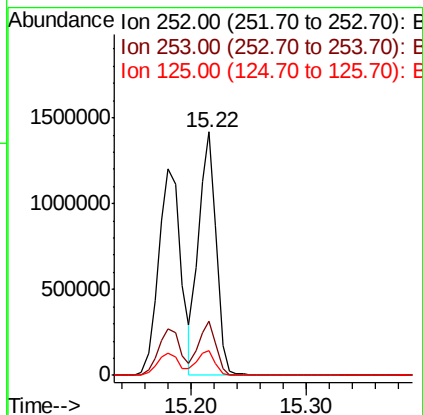
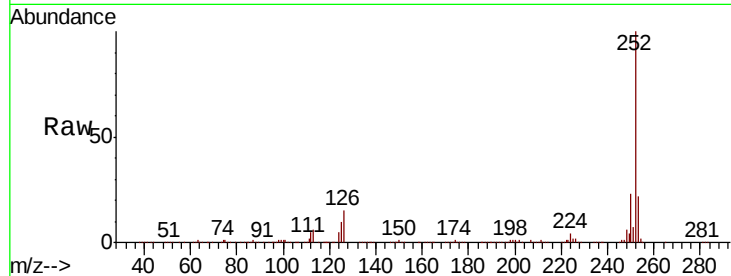




#89
Benzo(k)fluoranthene
Concen: 38.314 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

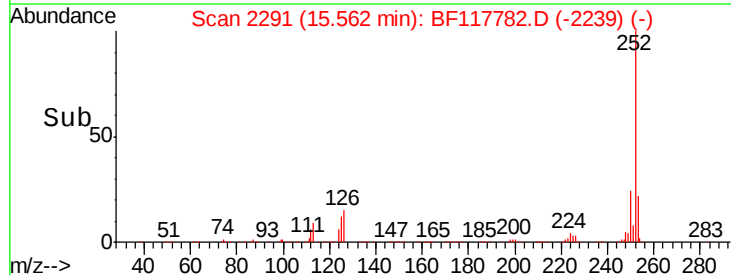
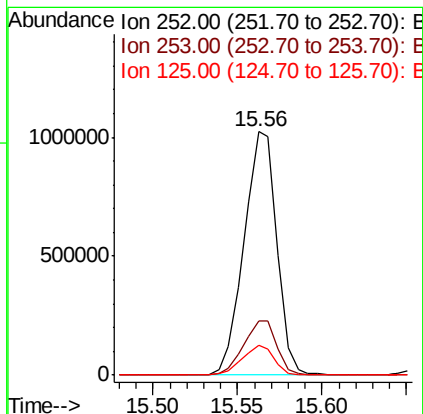
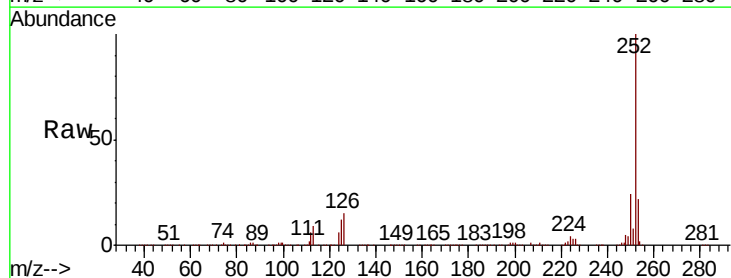
Instrument :
BNA_F
ClientSampleId :
ICVBF111319

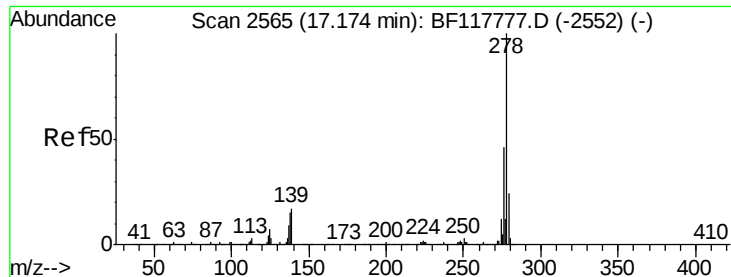
Tot Ion:252 Resp: 1513741
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 37.649 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF117782.D
Acq: 13 Nov 2019 18:35

Tgt Ion:252 Resp: 1388183
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 36.845 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.01 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Instrument :

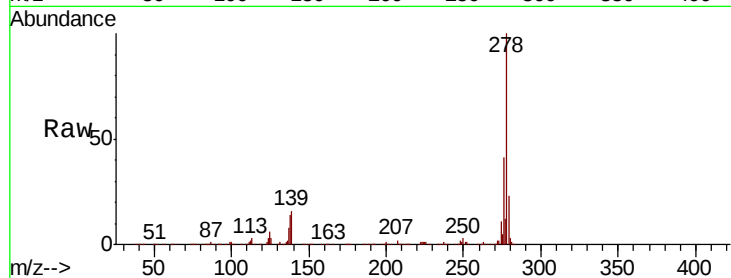
BNA_F

ClientSampleId :

ICVBF111319

Tot Ion:278 Resp: 1169335

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.8	20.8
279	22.7	19.6	29.4

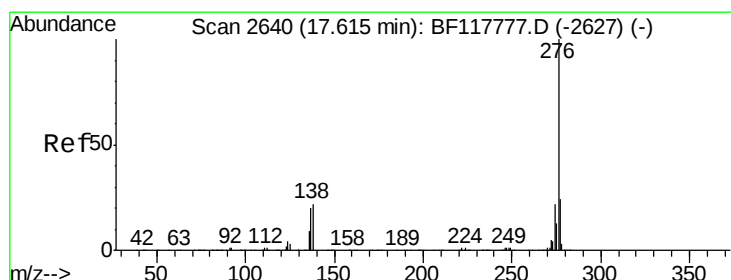
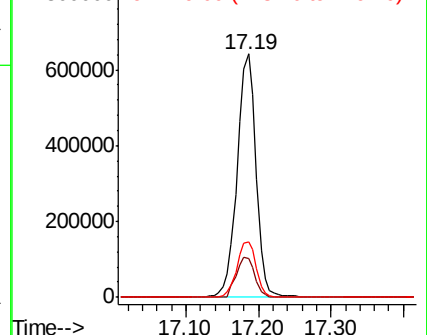
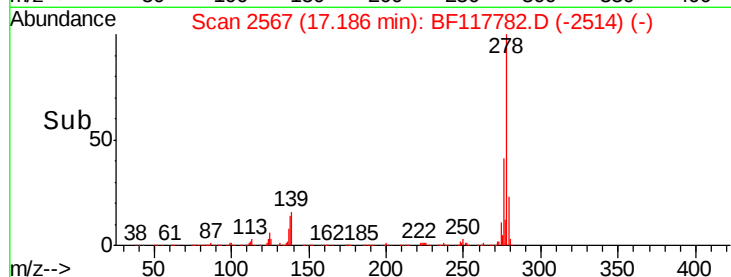


Abundance

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: 35.767 ng

RT: 17.63 min Scan# 2643

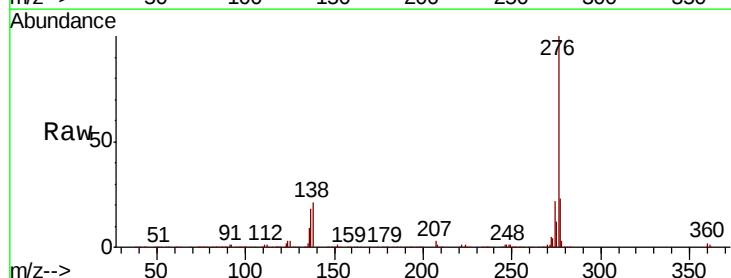
Delta R.T. 0.02 min

Lab File: BF117782.D

Acq: 13 Nov 2019 18:35

Tgt Ion:276 Resp: 1130617

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.3	17.4	26.2



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

