

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117833.D
 Acq On : 18 Nov 2019 14:15
 Operator : JU
 Sample : PB124878BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 15:17:10 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	6.92	152	303477	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1290964	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	697325	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1341115	20.00	ng	0.00
76) Chrysene-d12	14.12	240	941915	20.00	ng	0.00
87) Perylene-d12	15.62	264	723270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1941836	113.26	ng	0.01
7) Phenol-d6	6.55	99	2413262	116.70	ng	0.00
23) Nitrobenzene-d5	7.49	82	1325602	61.04	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	796719	107.92	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2538636	65.31	ng	0.00
79) Terphenyl-d14	13.06	244	2832303	54.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	254783	31.792	ng	99
3) Pyridine	3.57	79	591711	28.147	ng	98
4) n-Nitrosodimethylamine	3.52	42	354522	38.633	ng	100
6) Aniline	6.58	93	907099	33.195	ng	99
8) 2-Chlorophenol	6.71	128	821107	44.138	ng	99
9) Benzaldehyde	6.47	77	416651	28.551	ng	99
10) Phenol	6.56	94	1004938	46.766	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	718786	41.654	ng	98
12) 1,3-Dichlorobenzene	6.86	146	836284	38.183	ng	99
13) 1,4-Dichlorobenzene	6.94	146	874334	39.494	ng	99
14) 1,2-Dichlorobenzene	7.09	146	829477	39.177	ng	100
15) Benzyl Alcohol	7.06	79	730542	45.758	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1035812	38.987	ng	100
17) 2-Methylphenol	7.17	107	699226	44.383	ng	99
18) Hexachloroethane	7.44	117	312836	38.467	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	533984	41.857	ng	98
20) 3+4-Methylphenols	7.32	107	843025	43.108	ng	# 89
22) Acetophenone	7.33	105	1096775	37.815	ng	# 97
24) Nitrobenzene	7.50	77	878948	39.233	ng	98
25) Isophorone	7.75	82	1551656	38.983	ng	98
26) 2-Nitrophenol	7.82	139	463736	42.527	ng	96
27) 2,4-Dimethylphenol	7.86	122	775595	45.773	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	918197	36.353	ng	99
29) 2,4-Dichlorophenol	8.06	162	722505	39.310	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	779599	36.568	ng	99
31) Naphthalene	8.23	128	2360196	39.217	ng	99
32) Benzoic acid	7.98	122	617924	43.554	ng	94
33) 4-Chloroaniline	8.27	127	646981	24.013	ng	100
34) Hexachlorobutadiene	8.35	225	434228	34.837	ng	100
35) Caprolactam	8.65	113	134390	23.007	ng	96
36) 4-Chloro-3-methylphenol	8.76	107	765462	41.037	ng	97
37) 2-Methylnaphthalene	8.93	142	1634410	40.193	ng	99
38) 1-Methylnaphthalene	9.03	142	1520823	39.560	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	714747	35.294	ng	99

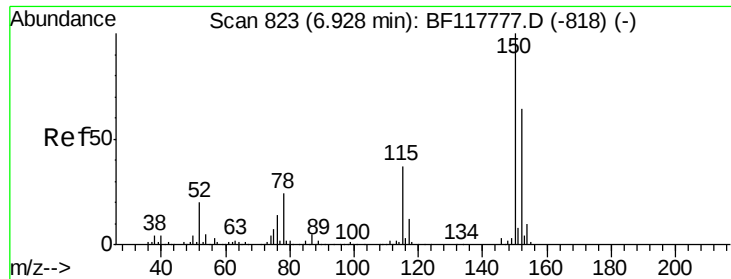
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117833.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	726029	63.975	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	550676	37.965	ng	99
44) 2,4,5-Trichlorophenol	9.24	196	589497	39.143	ng	99
46) 1,1'-Biphenyl	9.39	154	1945216	37.600	ng	99
47) 2-Chloronaphthalene	9.42	162	1545237	36.307	ng	98
48) 2-Nitroaniline	9.51	65	485025	37.748	ng	97
49) Acenaphthylene	9.84	152	2407132	38.793	ng	100
50) Dimethylphthalate	9.69	163	1811344	37.042	ng	100
51) 2,6-Dinitrotoluene	9.75	165	430910	40.320	ng	98
52) Acenaphthene	10.01	154	1651769	41.555	ng	97
53) 3-Nitroaniline	9.92	138	347740	27.193	ng	100
54) 2,4-Dinitrophenol	10.03	184	426744	77.920	ng	# 88
55) Dibenzofuran	10.18	168	2101792	38.185	ng	99
56) 4-Nitrophenol	10.08	139	797084	83.505	ng	97
57) 2,4-Dinitrotoluene	10.16	165	572114	42.084	ng	98
58) Fluorene	10.53	166	1595655	37.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	484255	39.134	ng	98
60) Diethylphthalate	10.40	149	1760585	36.930	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	808752	37.362	ng	98
62) 4-Nitroaniline	10.54	138	464940	36.312	ng	97
63) Azobenzene	10.67	77	1634949	37.696	ng	99
65) 4,6-Dinitro-2-methylphenol	10.57	198	291500	46.560	ng	89
66) n-Nitrosodiphenylamine	10.63	169	1482367	37.980	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	522018	36.075	ng	96
68) Hexachlorobenzene	11.07	284	610731	36.195	ng	98
69) Atrazine	11.16	200	515236	40.130	ng	99
70) Pentachlorophenol	11.27	266	735803	74.641	ng	99
71) Phenanthrene	11.49	178	2470222	36.636	ng	99
72) Anthracene	11.54	178	2530477	37.852	ng	99
73) Carbazole	11.70	167	2298205	39.340	ng	99
74) Di-n-butylphthalate	12.03	149	2576058	35.416	ng	100
75) Fluoranthene	12.69	202	2606985	41.948	ng	99
77) Benzidine	12.80	184	696859	22.586	ng	99
78) Pyrene	12.92	202	2607185	34.250	ng	98
80) Butylbenzylphthalate	13.53	149	1145005	35.022	ng	93
81) Benzo(a)anthracene	14.10	228	2263093	36.359	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	754737	34.665	ng	100
83) Chrysene	14.14	228	2177834	36.108	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1460328	36.843	ng	99
85) Di-n-octyl phthalate	14.71	149	2340449	40.193	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1936291	37.720	ng	100
88) Benzo(b)fluoranthene	15.17	252	2057101	43.776	ng	99
89) Benzo(k)fluoranthene	15.21	252	1942085	43.863	ng	98
90) Benzo(a)pyrene	15.56	252	1745111	42.233	ng	99
91) Dibenzo(a,h)anthracene	17.18	278	1601980	45.042	ng	99
92) Benzo(g,h,i)perylene	17.63	276	1619509	45.717	ng	99

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

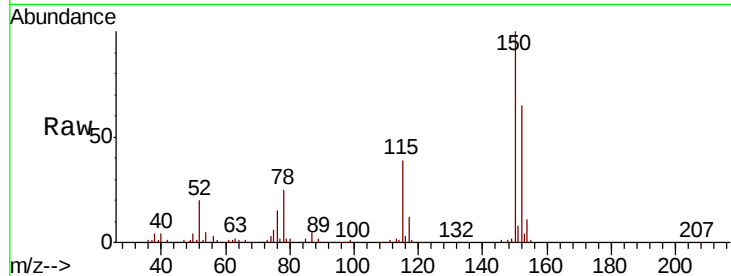


#1

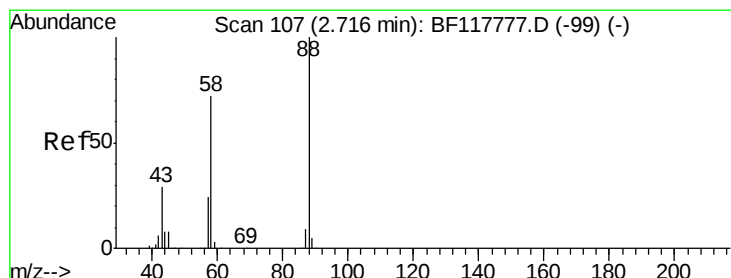
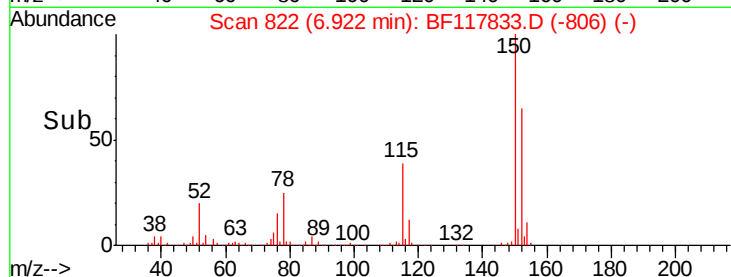
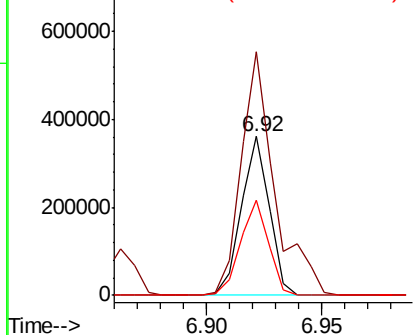
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.3	187.9
115	60.0	47.0	70.4



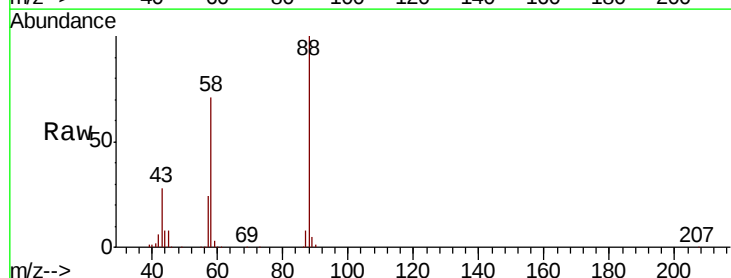
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



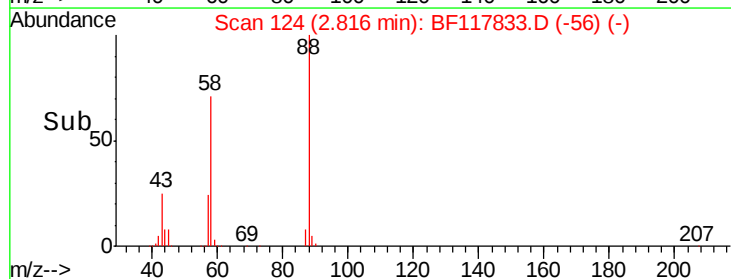
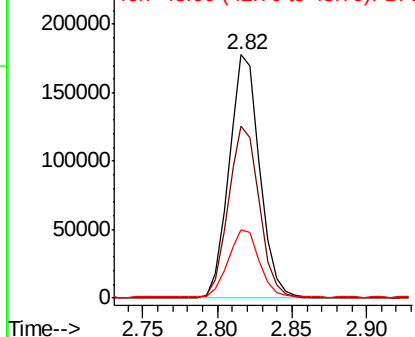
#2

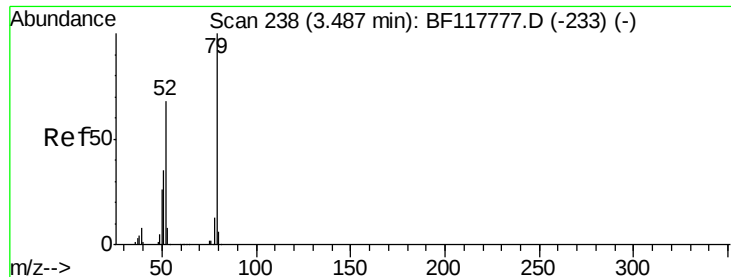
1,4-Dioxane
Concen: 31.792 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.10 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	58.2	87.2
43	28.0	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: 28.147 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.08 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

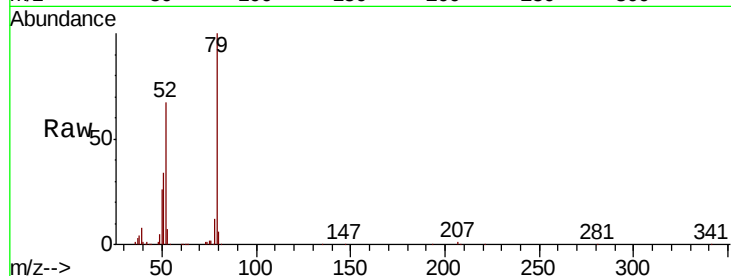
Tot Ion: 79 Resp: 591711

Ion Ratio Lower Upper

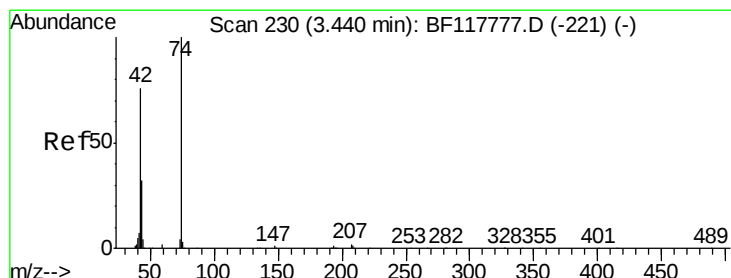
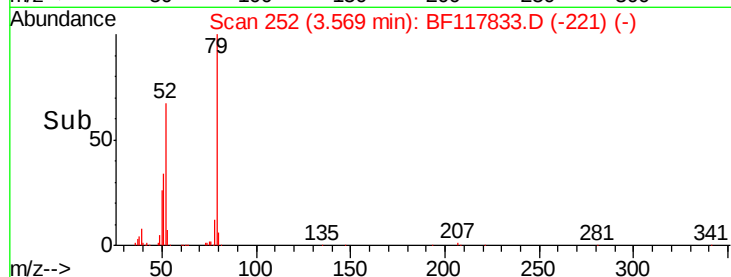
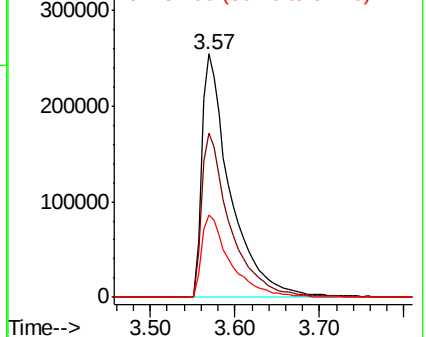
79 100

52 67.5 54.8 82.2

51 34.0 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: 38.633 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.08 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

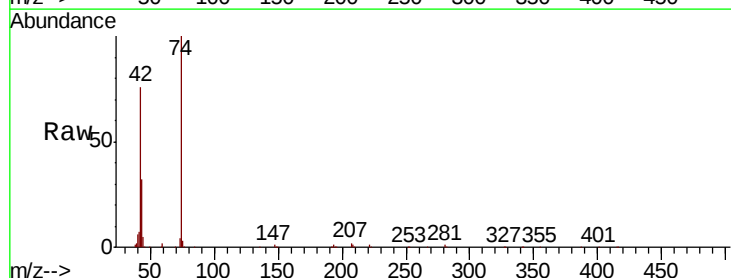
Tgt Ion: 42 Resp: 354522

Ion Ratio Lower Upper

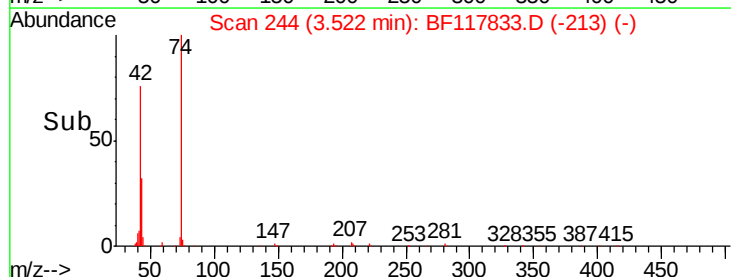
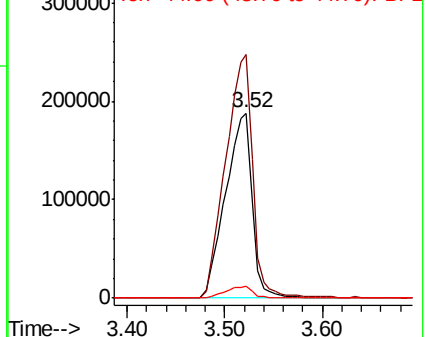
42 100

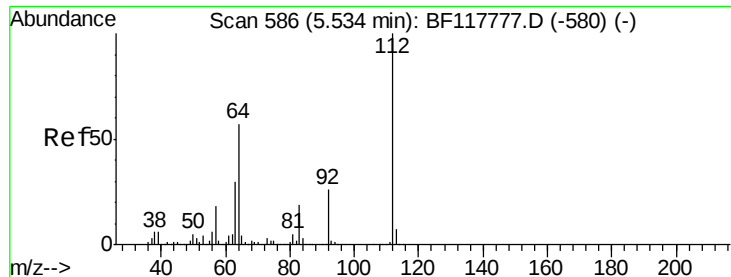
74 131.6 105.1 157.7

44 6.1 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: 113.262 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampled :

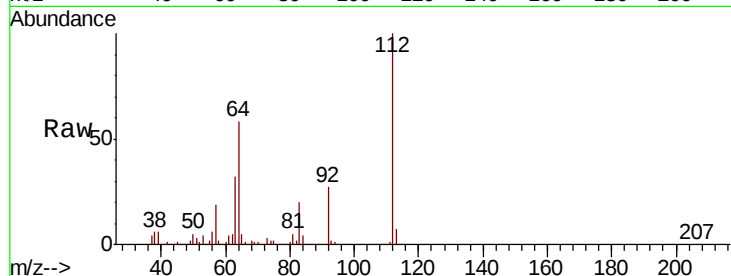
Tot Ion:112 Resp: 1941836

Ion Ratio Lower Upper

112 100

64 57.6 45.6 68.4

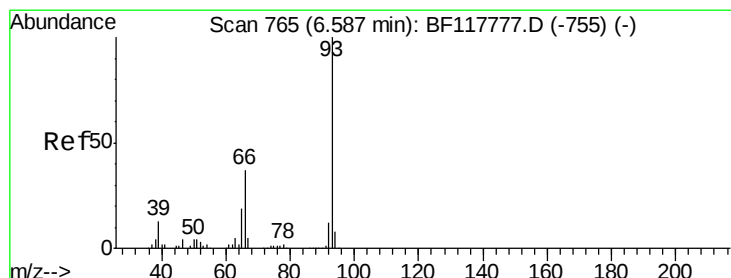
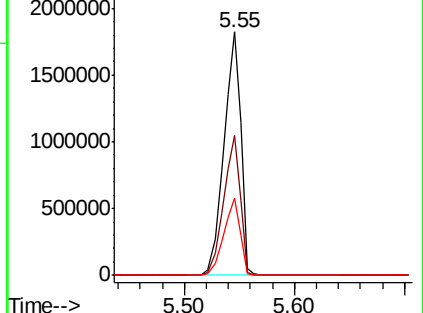
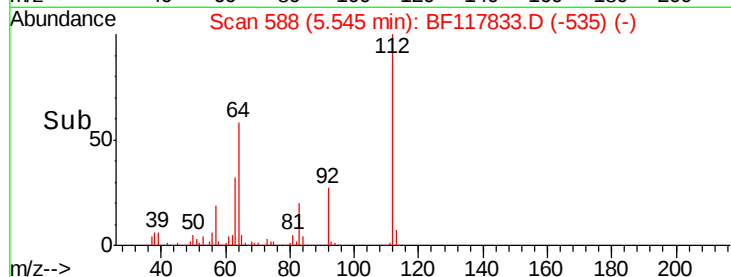
63 31.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.195 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

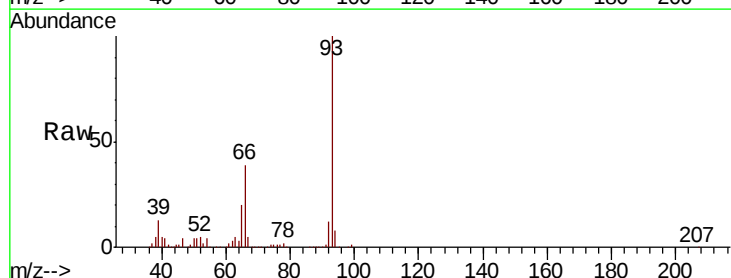
Tgt Ion: 93 Resp: 907099

Ion Ratio Lower Upper

93 100

66 39.1 30.6 45.8

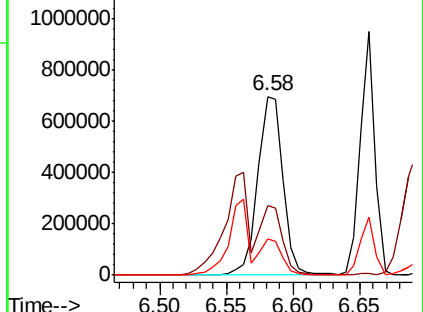
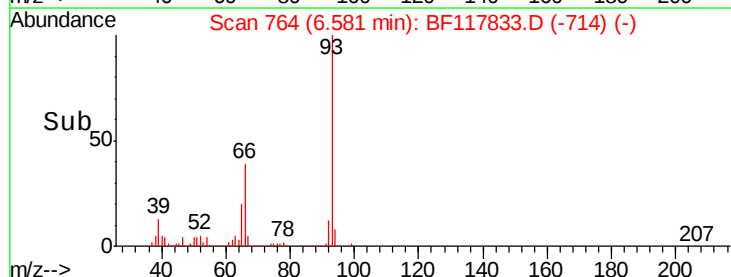
65 20.0 15.6 23.4

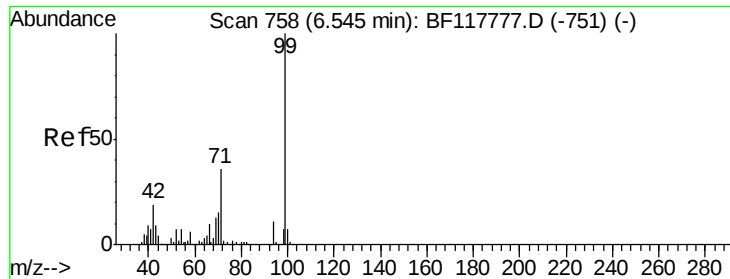


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.700 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

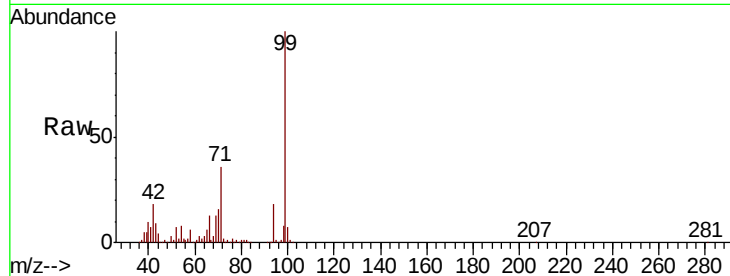
Tot Ion: 99 Resp: 2413262

Ion Ratio Lower Upper

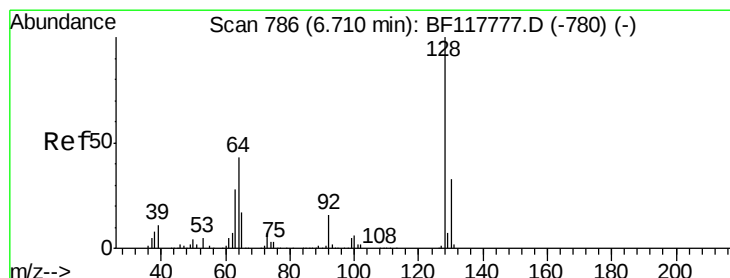
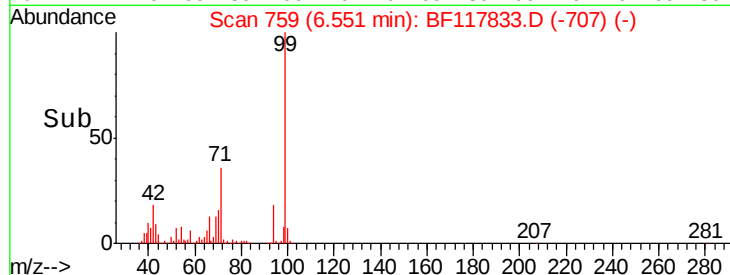
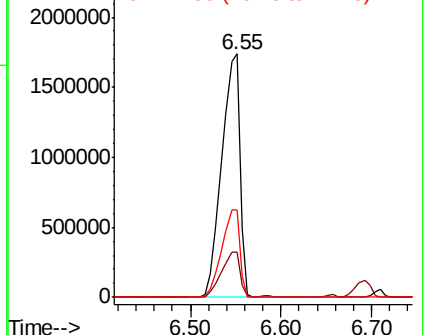
99 100

42 18.5 14.9 22.3

71 36.2 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: 44.138 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

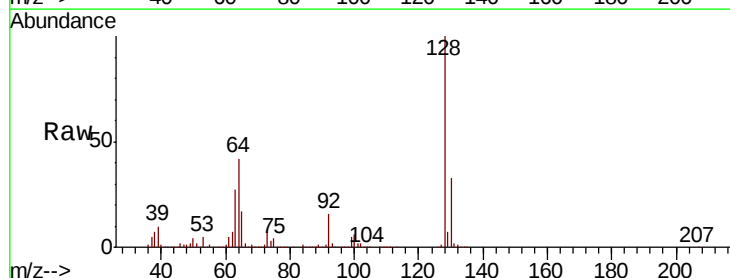
Tgt Ion:128 Resp: 821107

Ion Ratio Lower Upper

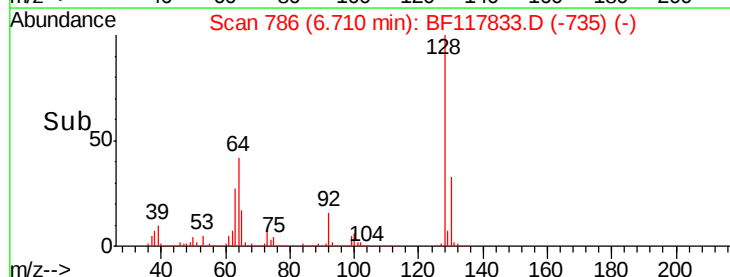
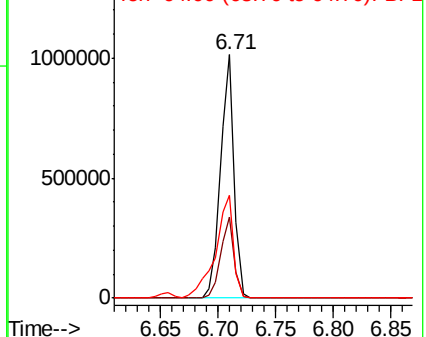
128 100

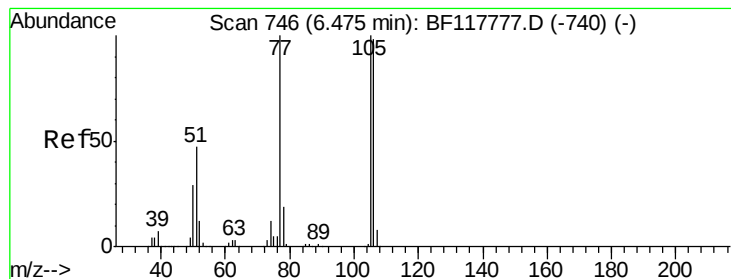
130 33.2 13.2 53.2

64 42.3 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: 28.551 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

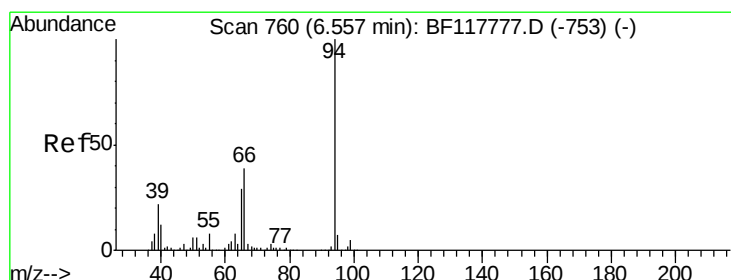
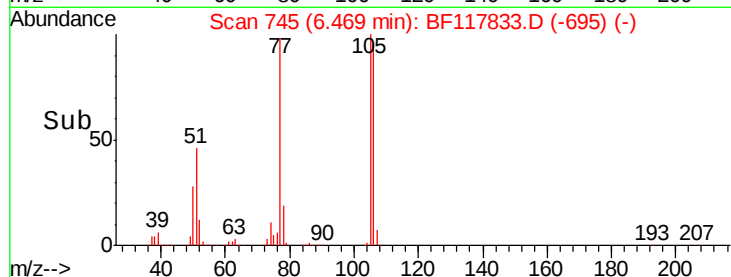
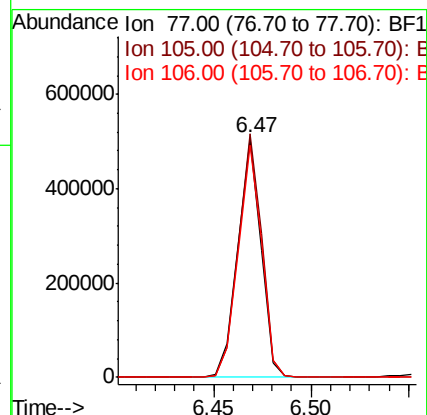
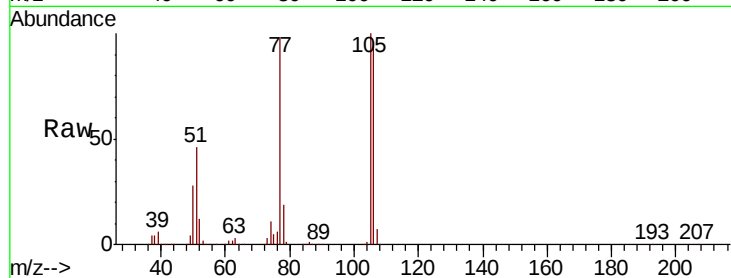
Tot Ion: 77 Resp: 416651

Ion Ratio Lower Upper

77 100

105 101.9 80.2 120.2

106 97.4 78.4 118.4



#10

Phenol

Concen: 46.766 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

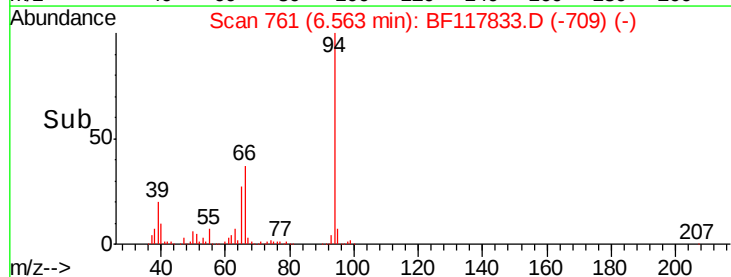
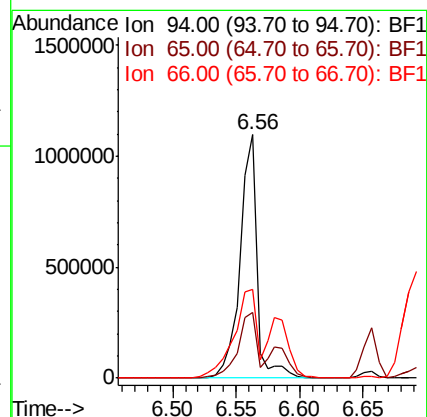
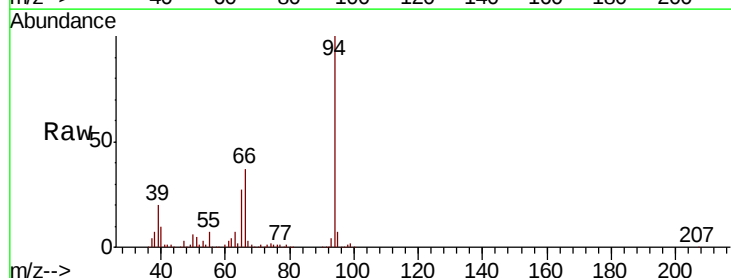
Tgt Ion: 94 Resp: 1004938

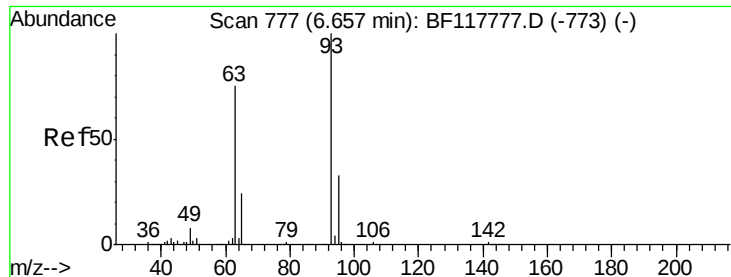
Ion Ratio Lower Upper

94 100

65 27.2 8.9 48.9

66 36.5 18.7 58.7

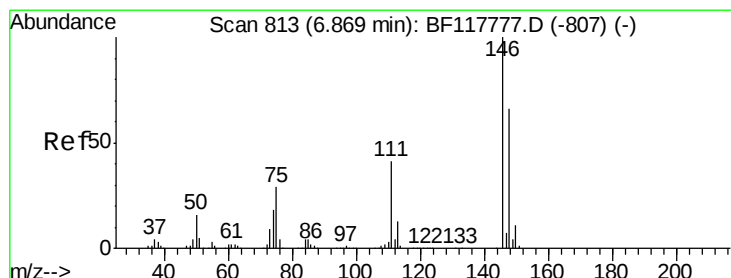
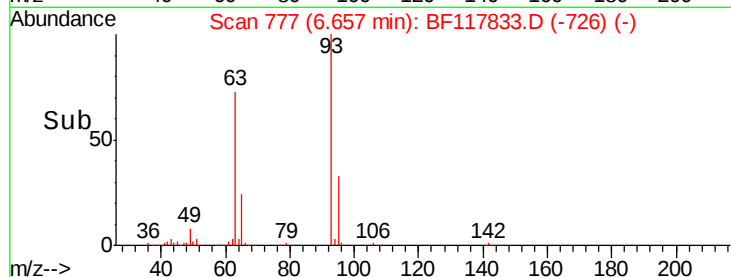
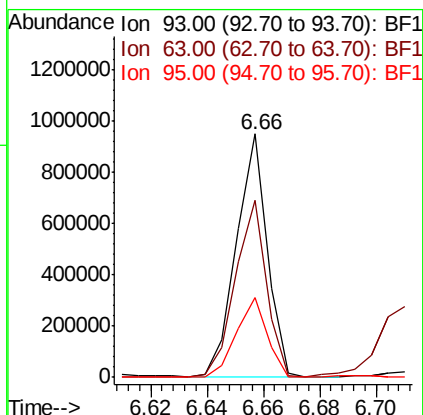
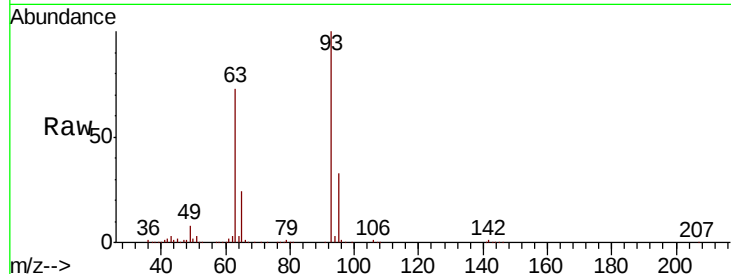




#11
bis(2-Chloroethyl)ether
Concen: 41.654 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

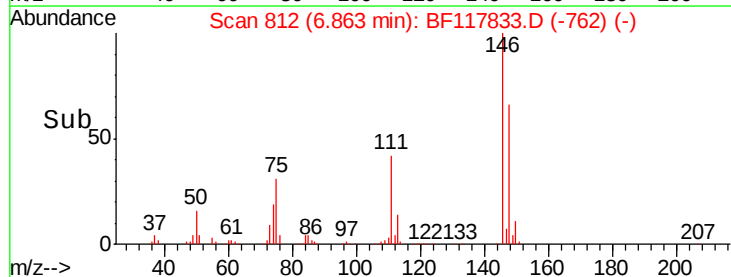
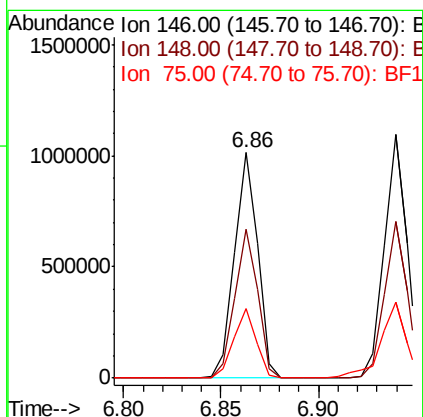
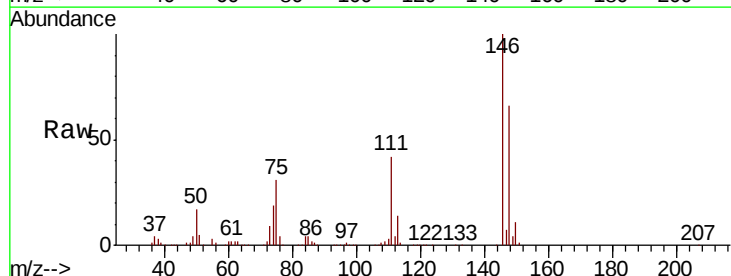
Instrument :
BNA_F
ClientSampleId :

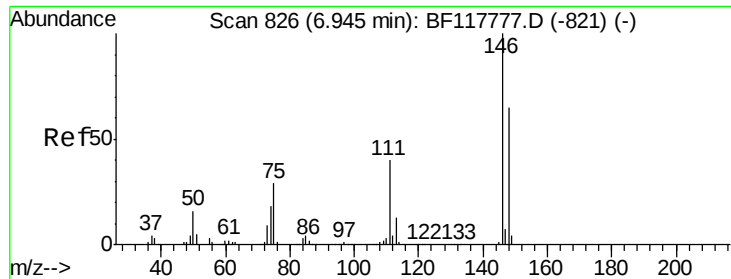
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	54.8	94.8
95	32.7	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 38.183 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.8	79.2
75	31.1	23.4	35.0

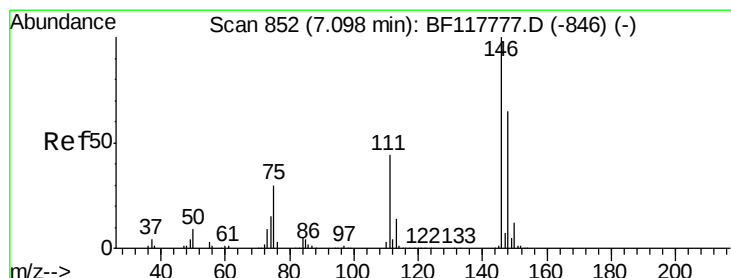
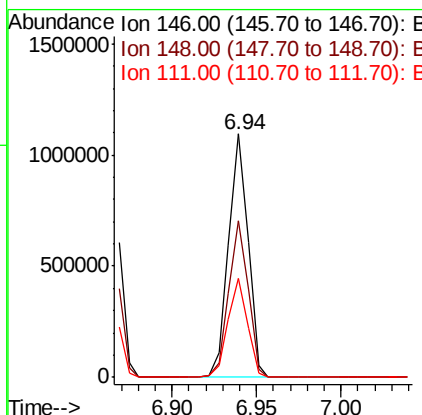
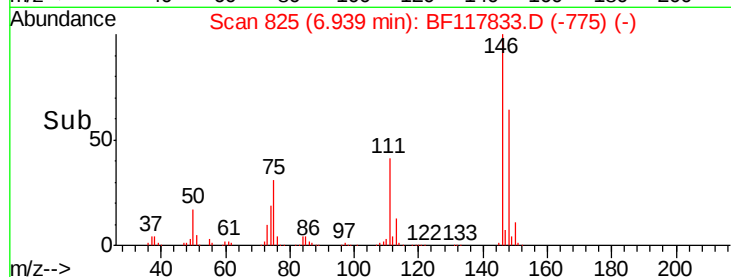
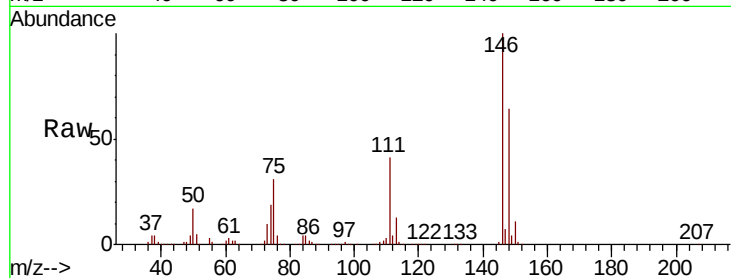




#13
 1,4-Dichlorobenzene
 Concen: 39.494 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

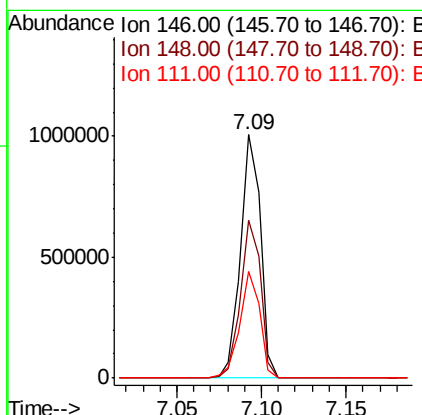
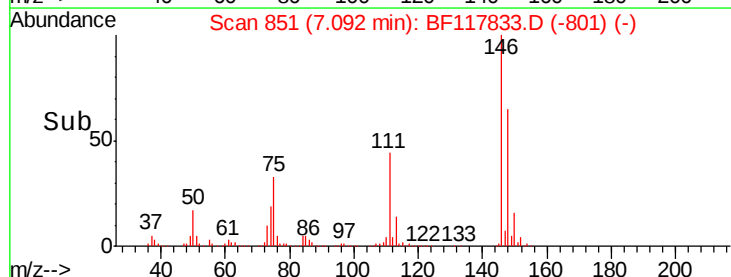
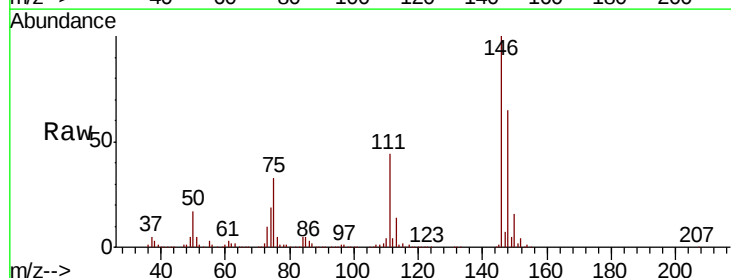
Instrument :
 BNA_F
 ClientSampled :

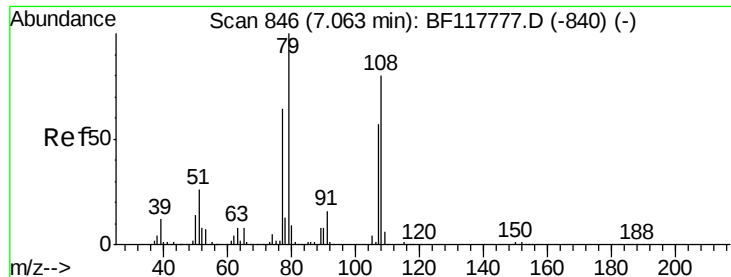
Tot Ion:146 Resp: 874334
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 40.8 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 39.177 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:146 Resp: 829477
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 43.8 35.0 52.6





#15

Benzyl Alcohol

Concen: 45.758 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

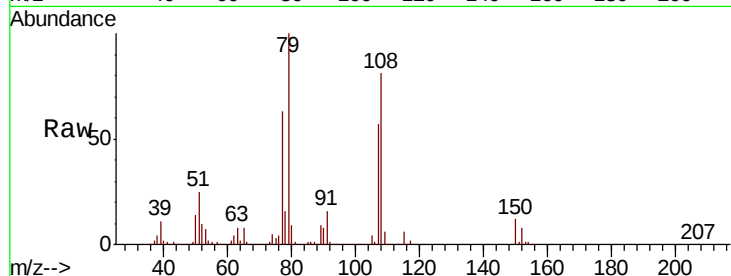
Tot Ion: 79 Resp: 730542

Ion Ratio Lower Upper

79 100

108 80.7 64.1 96.1

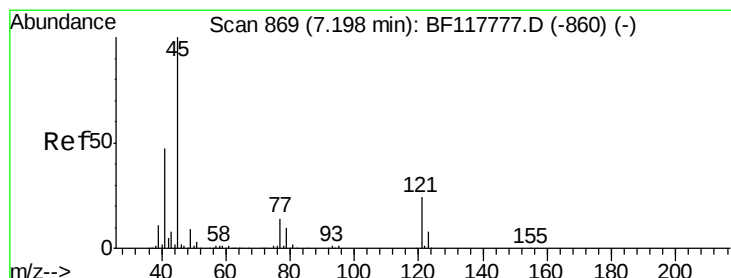
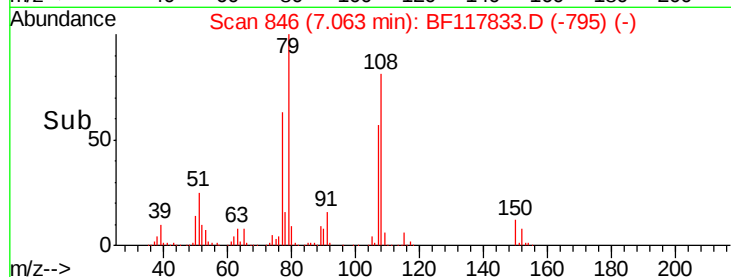
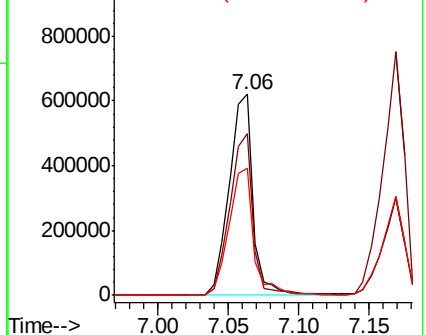
77 63.3 51.3 76.9



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: 38.987 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

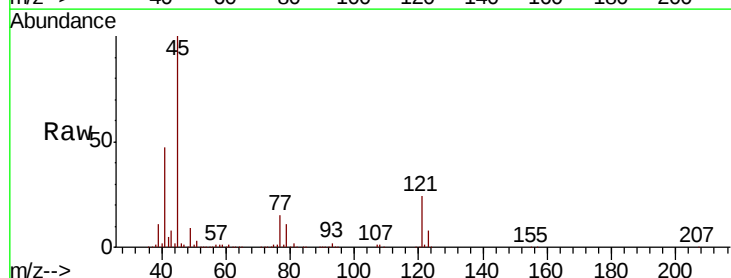
Tgt Ion: 45 Resp: 1035812

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.0

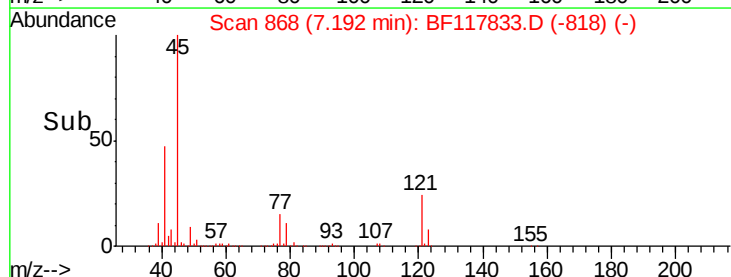
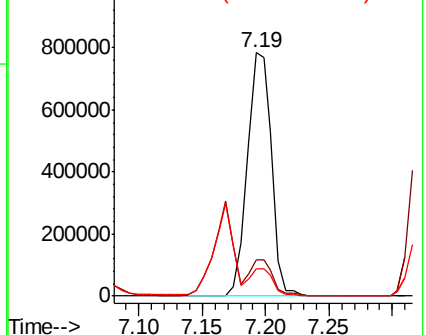
79 11.0 0.0 31.1

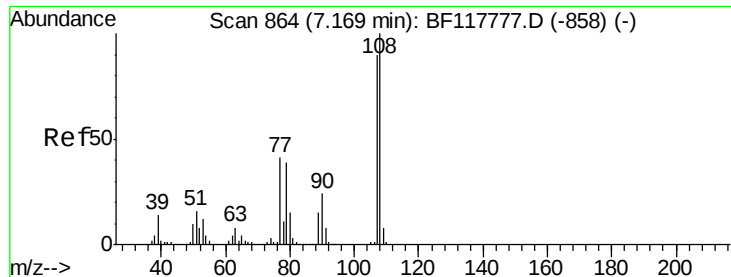


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.383 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

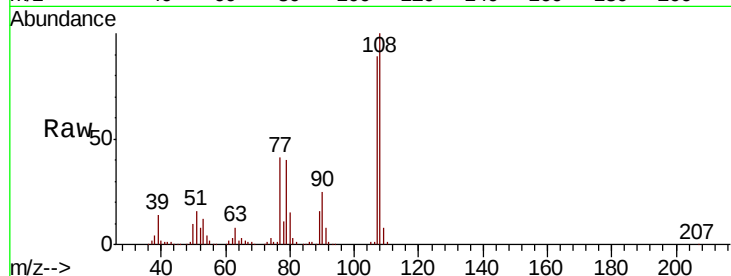
Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampled :



Tot Ion:107 Resp: 699226

Ion Ratio Lower Upper

107 100

108 112.0 89.1 133.7

77 45.8 36.6 54.8

79 44.8 35.2 52.8

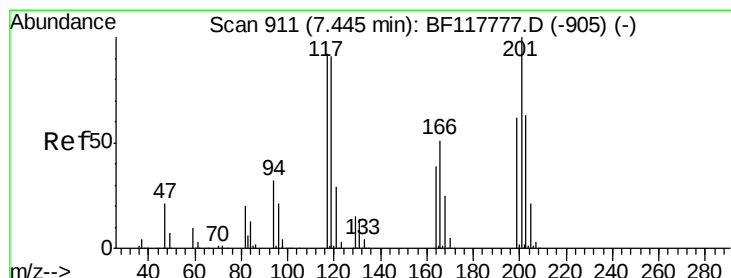
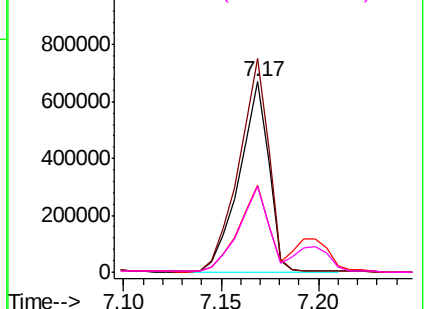
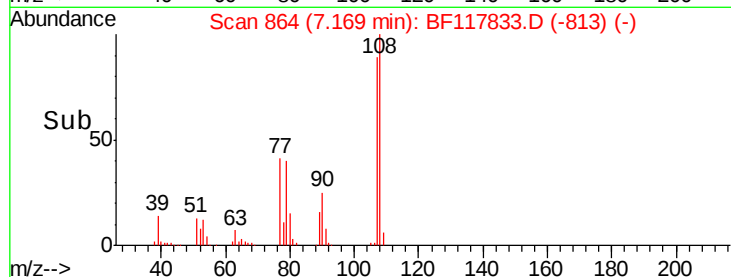
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.467 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

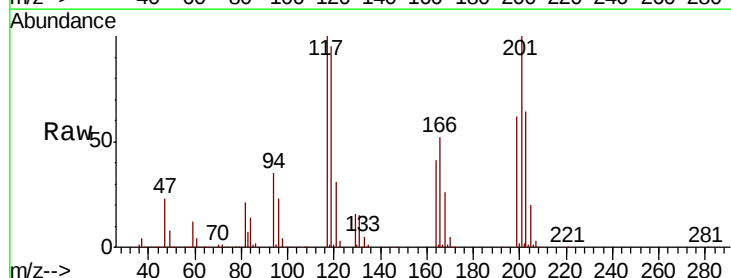
Tgt Ion:117 Resp: 312836

Ion Ratio Lower Upper

117 100

119 94.8 78.7 118.1

201 99.7 86.5 129.7

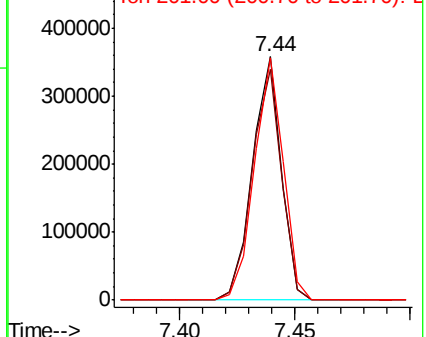
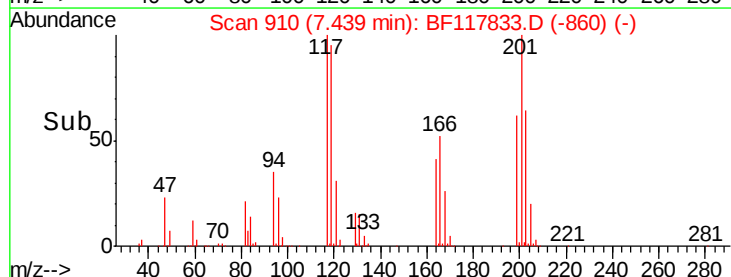


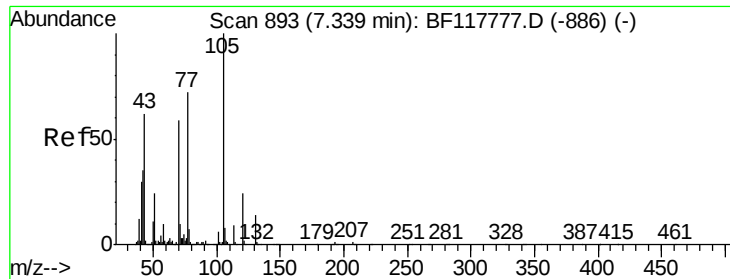
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

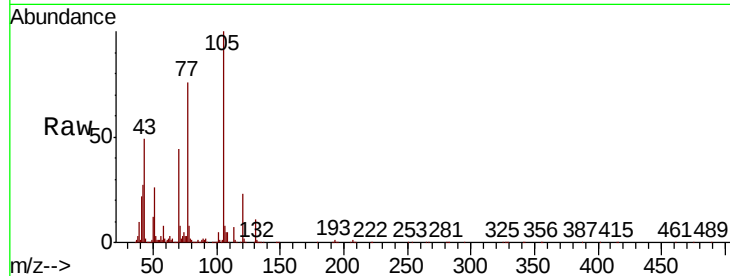




#19
n-Nitroso-di-n-propylamine
Concen: 41.857 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	533984
Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.4	71.2
101	10.3	8.4	12.6
130	23.9	18.8	28.2



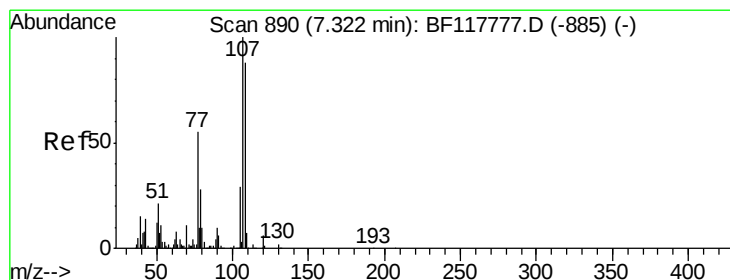
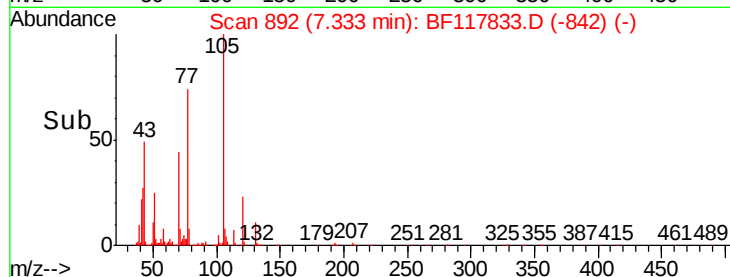
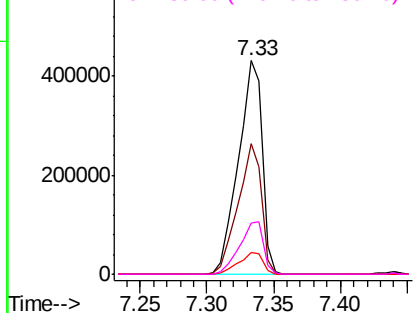
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

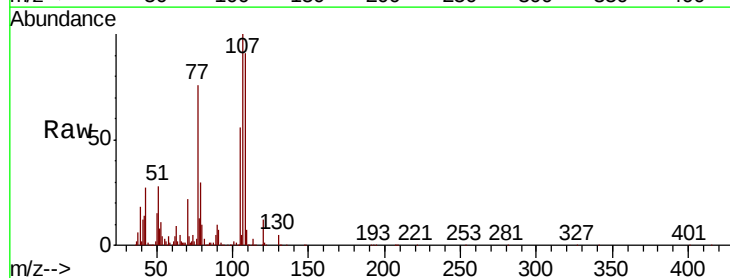
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 43.108 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:	107	Resp:	843025
Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.4	108.4
77	75.8	35.2	75.2#
79	29.5	8.6	48.6



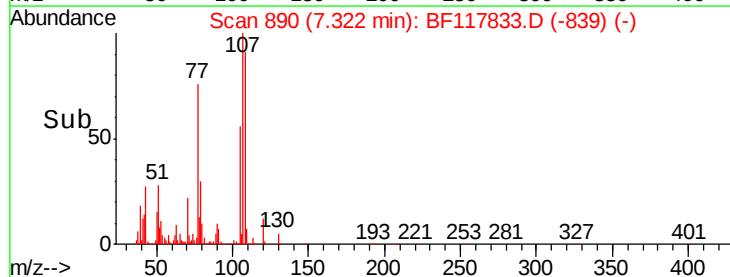
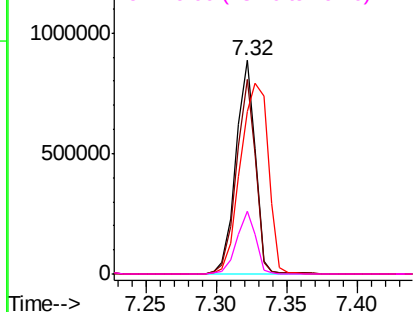
Abundance

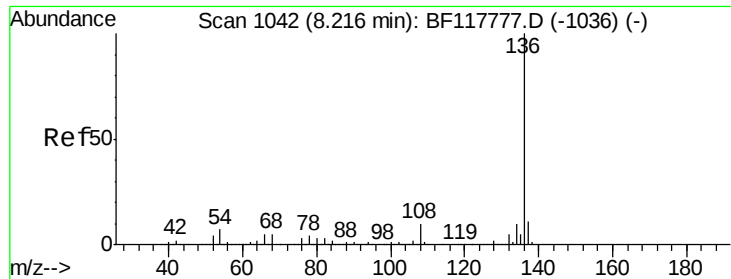
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1290964

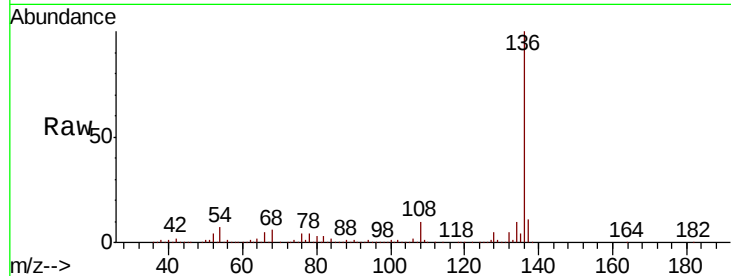
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.5 5.4 8.2

68 5.6 4.3 6.5

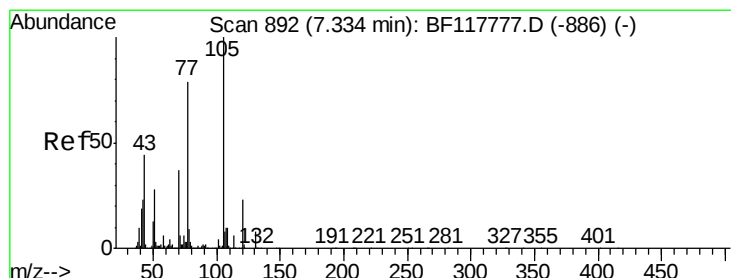
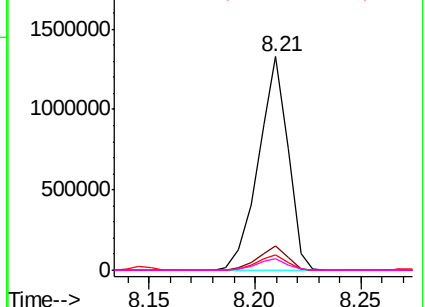
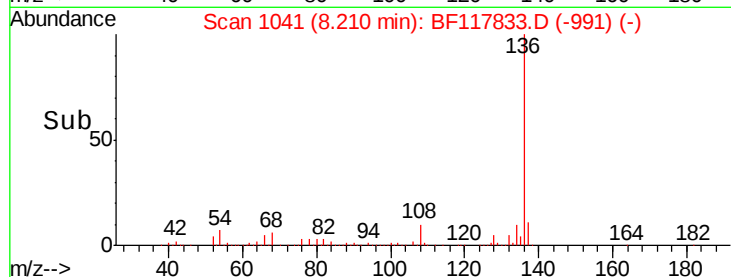


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.815 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion:105 Resp: 1096775

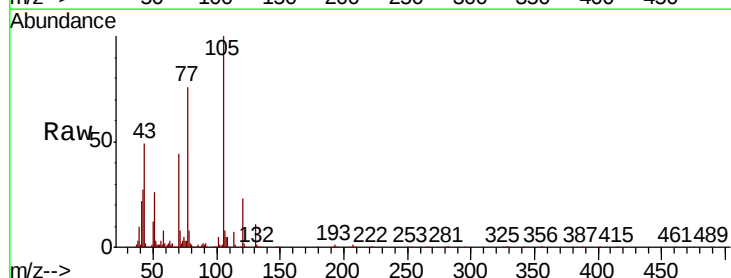
Ion Ratio Lower Upper

105 100

71 7.7 4.9 7.3#

51 26.1 22.7 34.1

120 22.9 18.5 27.7

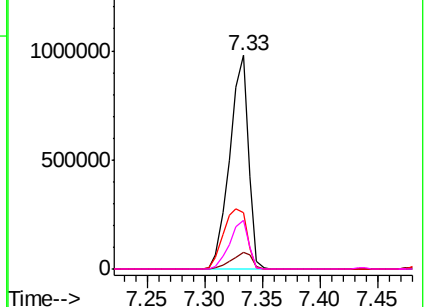
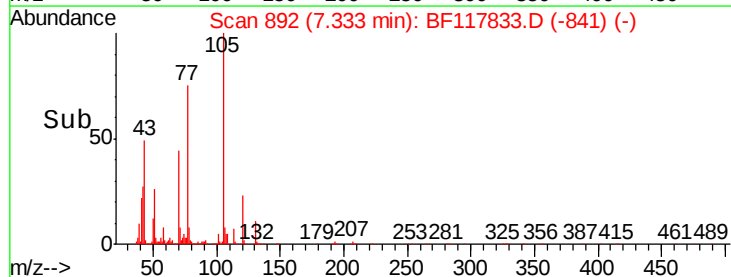


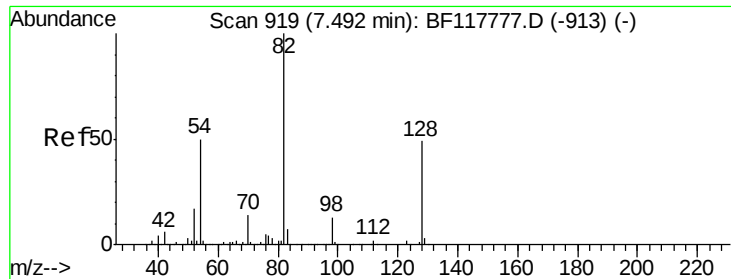
Abundance Ion 105.00 (104.70 to 105.70): E

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

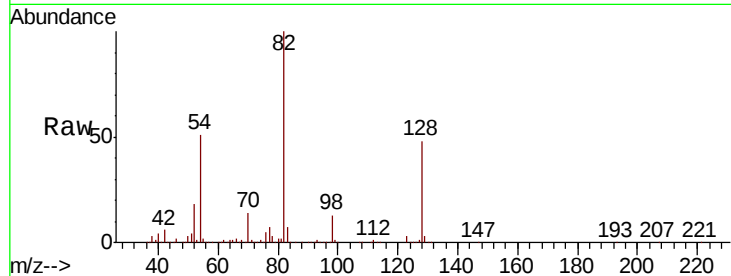




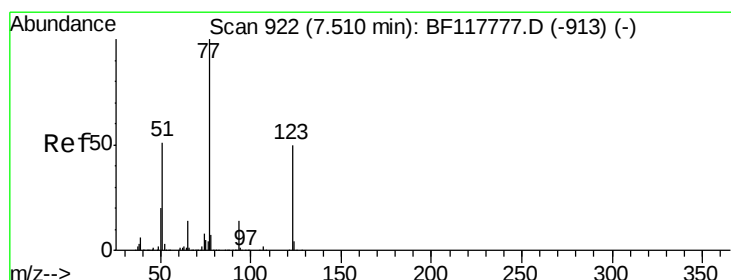
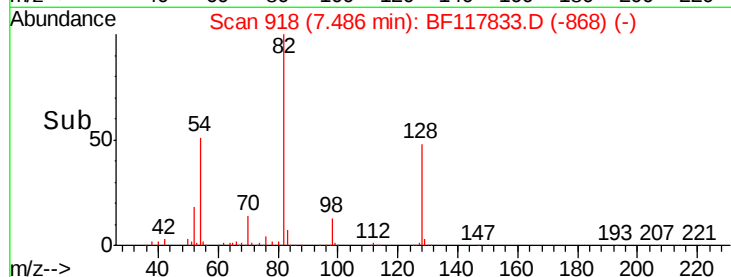
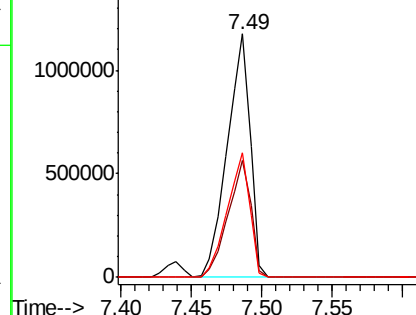
#23
 Nitrobenzene-d5
 Concen: 61.041 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1325602
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.9 58.3
 54 51.0 39.8 59.6

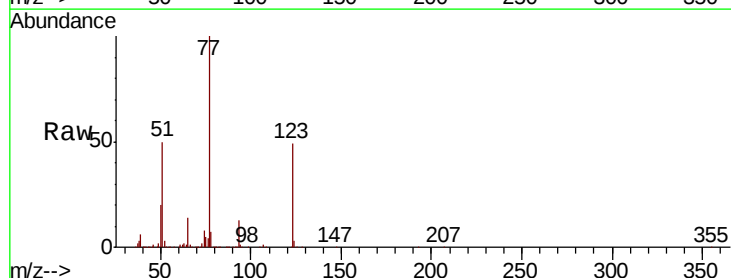


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

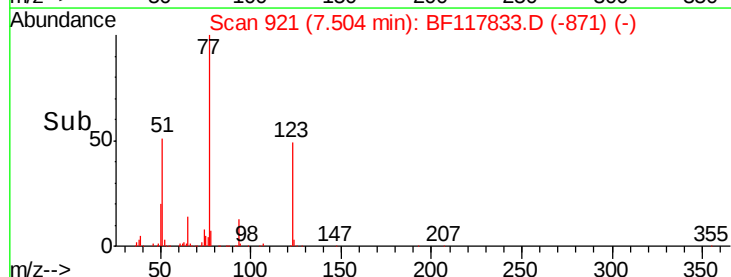
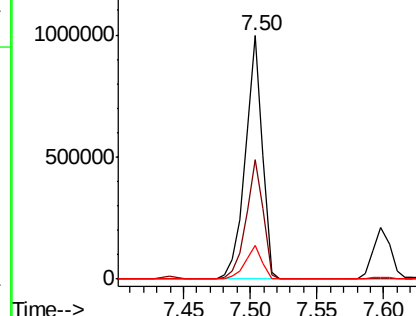


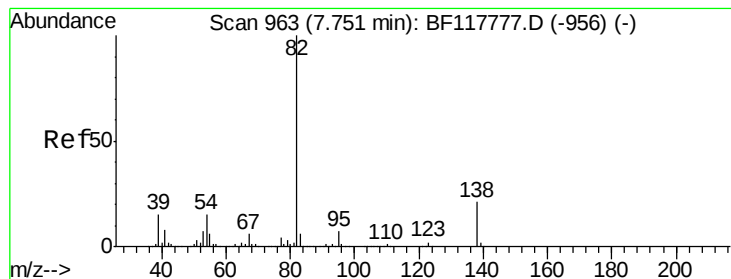
#24
 Nitrobenzene
 Concen: 39.233 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion: 77 Resp: 878948
 Ion Ratio Lower Upper
 77 100
 123 49.2 40.3 60.5
 65 13.8 10.9 16.3



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





#25

Isophorone

Concen: 38.983 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

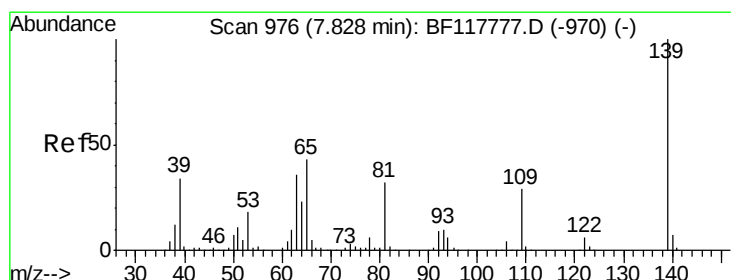
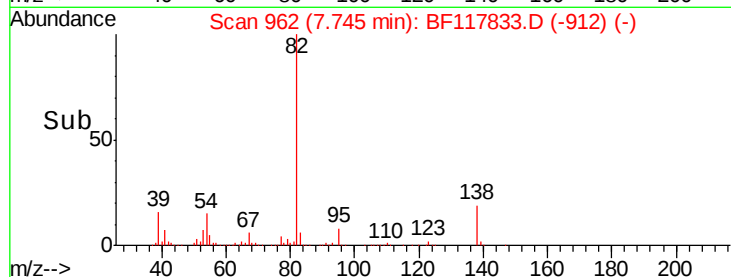
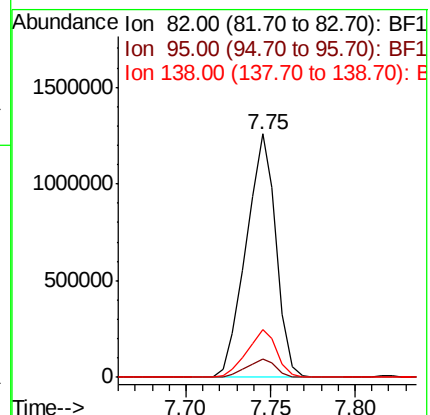
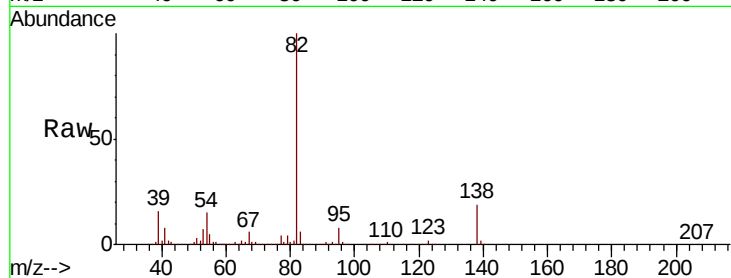
Tot Ion: 82 Resp: 1551656

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 19.4 16.5 24.7



#26

2-Nitrophenol

Concen: 42.527 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

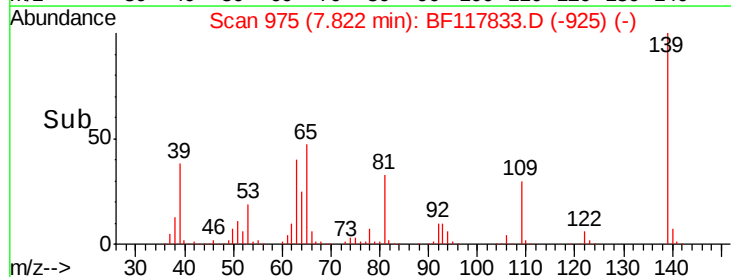
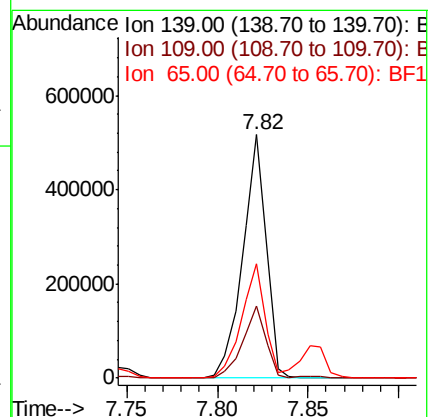
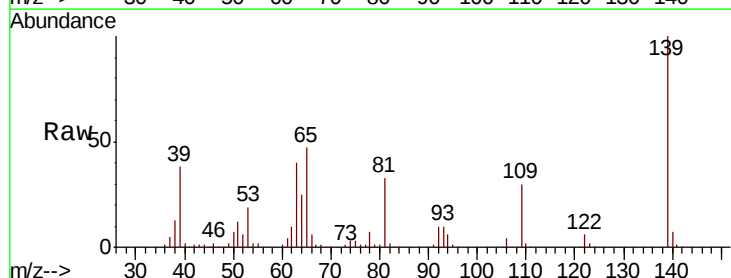
Tgt Ion: 139 Resp: 463736

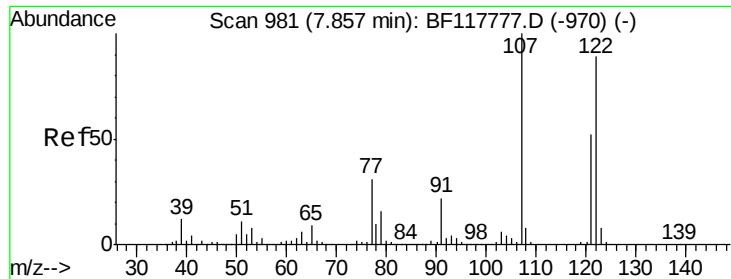
Ion Ratio Lower Upper

139 100

109 29.6 23.0 34.4

65 46.9 34.7 52.1

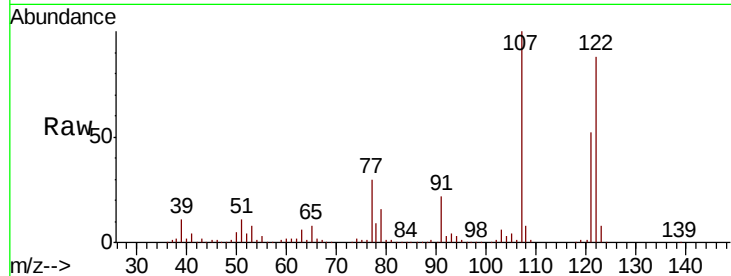




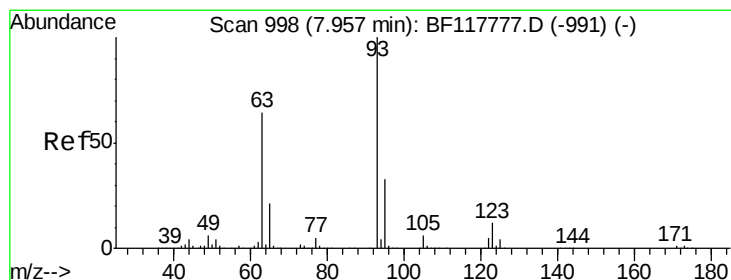
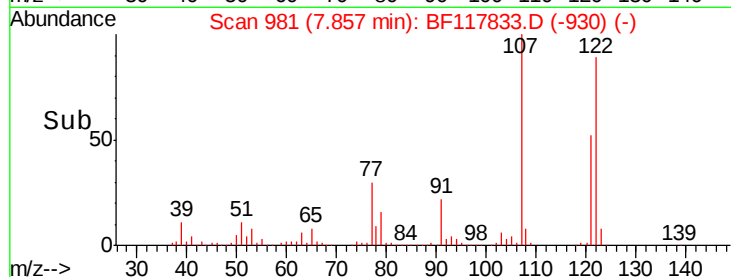
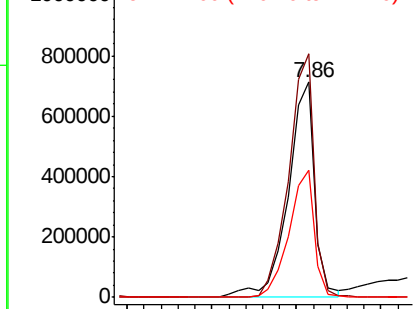
#27
2,4-Dimethylphenol
Concen: 45.773 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 775595
Ion Ratio Lower Upper
122 100
107 113.0 90.0 135.0
121 59.0 46.7 70.1

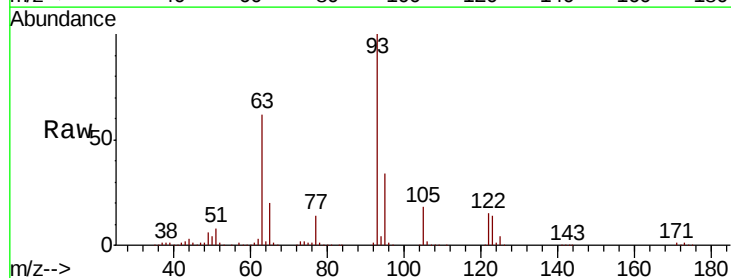


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

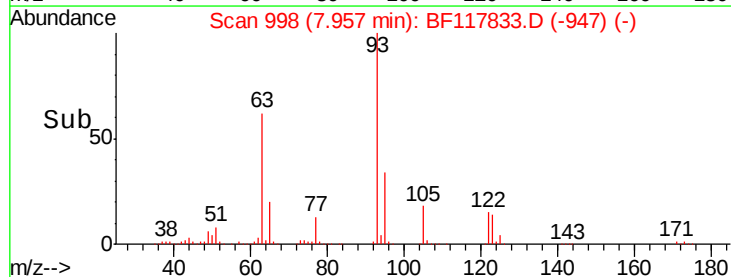
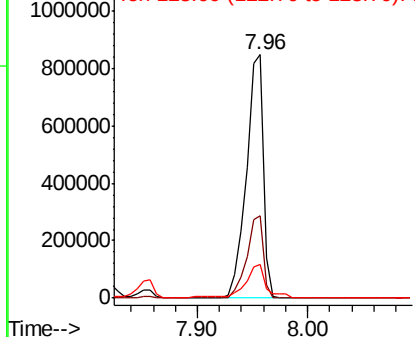


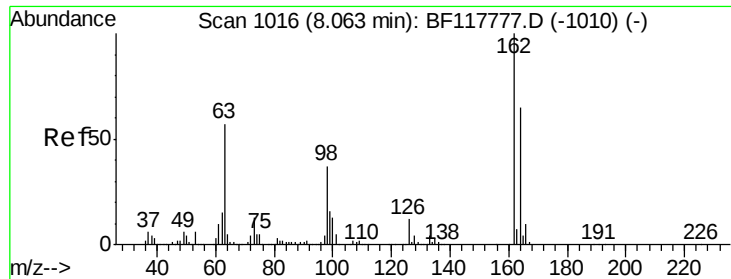
#28
bis(2-Chloroethoxy)methane
Concen: 36.353 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion: 93 Resp: 918197
Ion Ratio Lower Upper
93 100
95 33.7 26.6 40.0
123 13.7 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

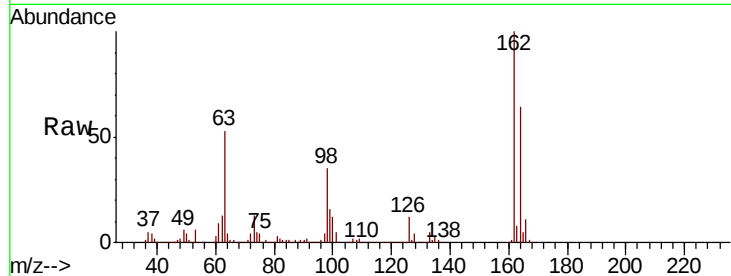




#29
2,4-Dichlorophenol
Concen: 39.310 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.1	85.1
98	34.9	17.2	57.2

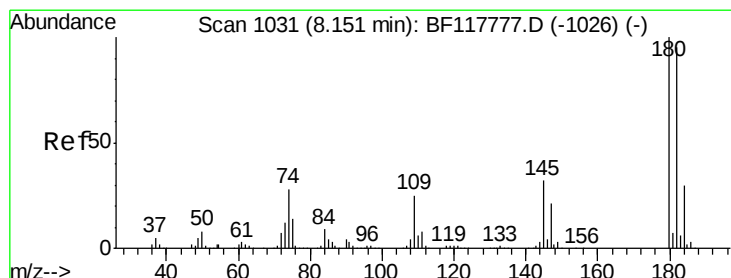
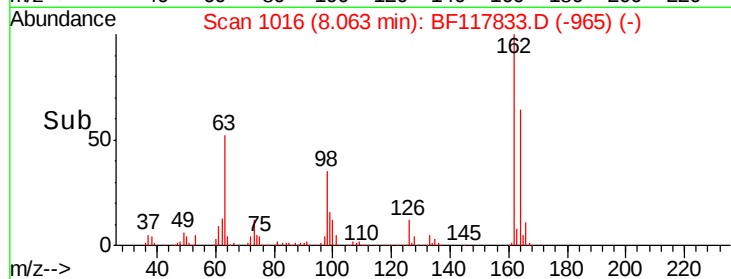
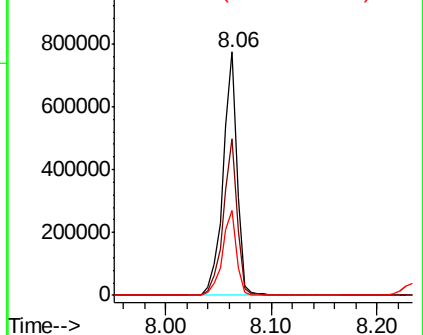


Abundance

Ion 162.00 (161.70 to 162.70): E

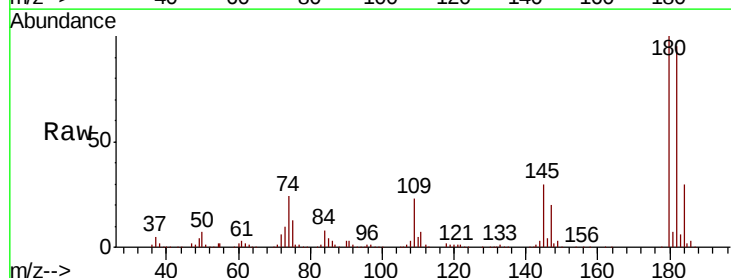
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.568 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	30.0	25.5	38.3

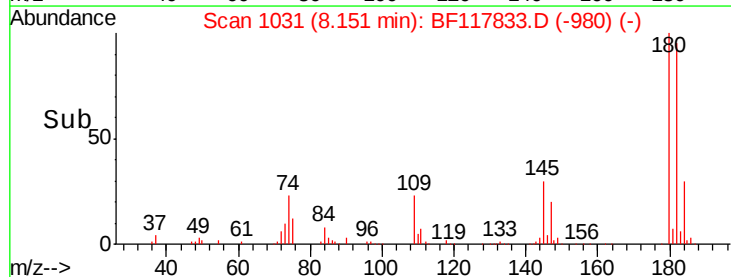
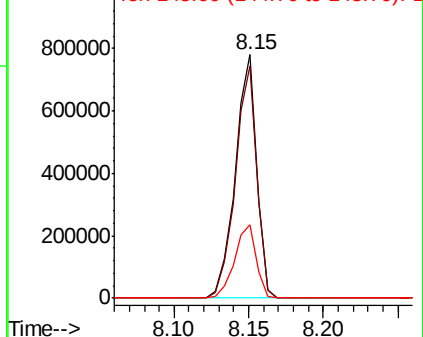


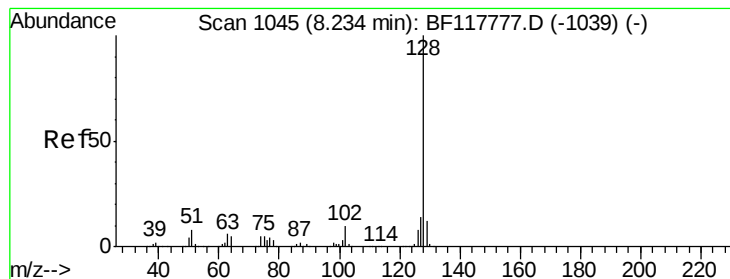
Abundance

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: 39.217 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

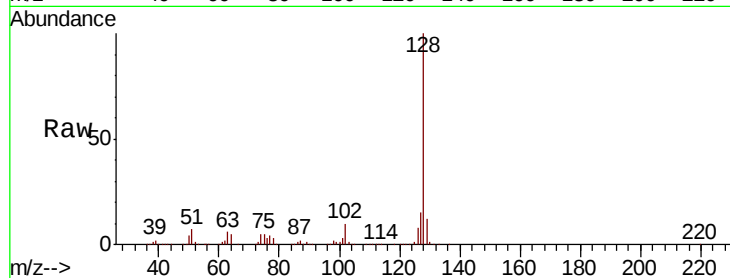
Tot Ion:128 Resp: 2360196

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

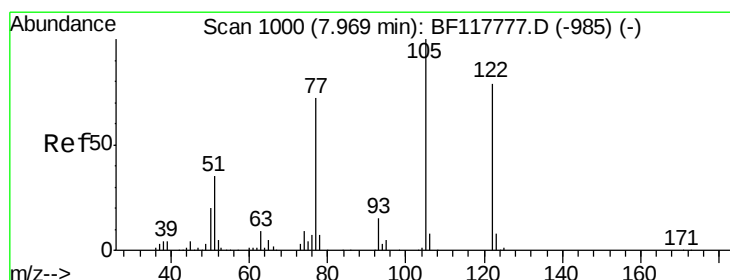
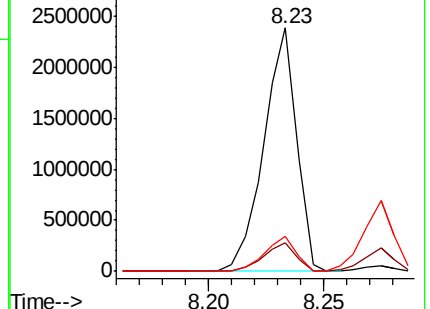
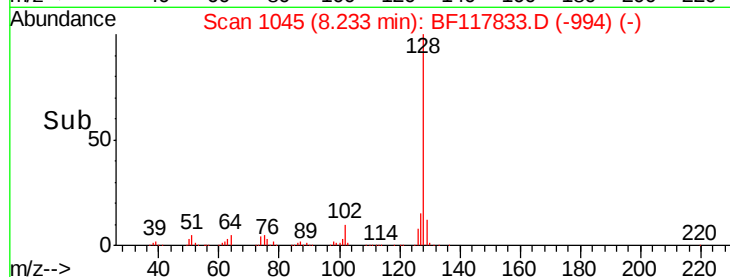
127 14.6 11.3 16.9



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: 43.554 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

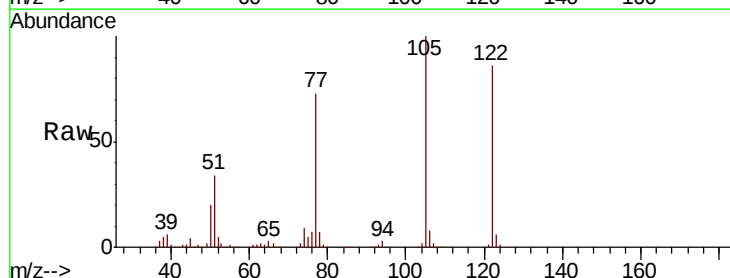
Tgt Ion:122 Resp: 617924

Ion Ratio Lower Upper

122 100

105 116.3 102.7 142.7

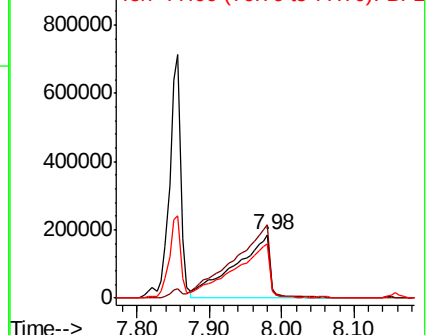
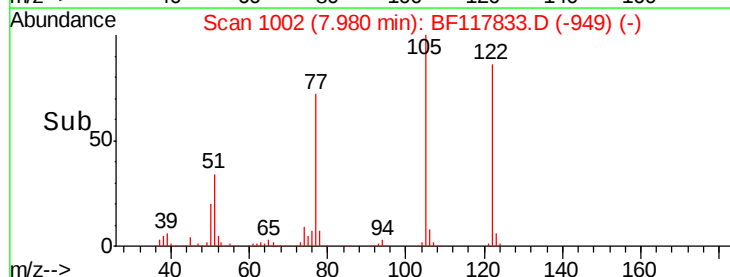
77 85.0 70.5 110.5

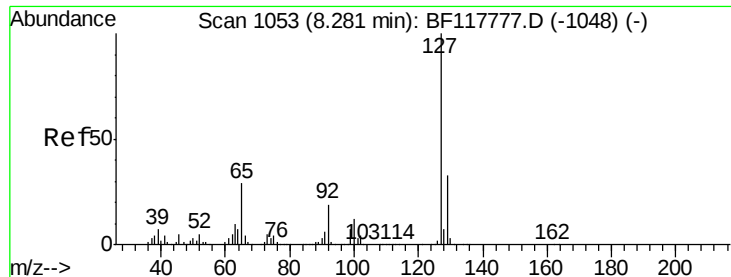


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

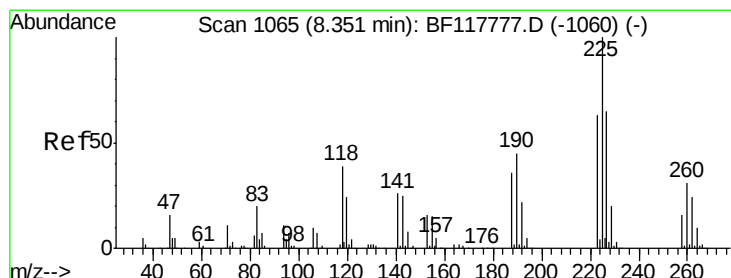
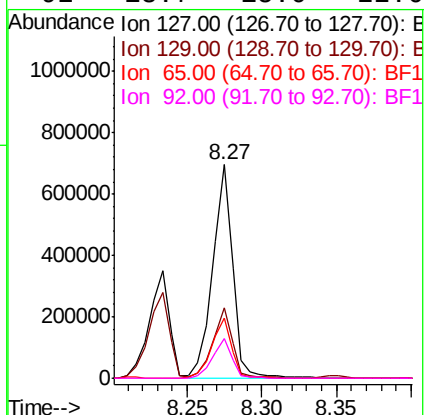
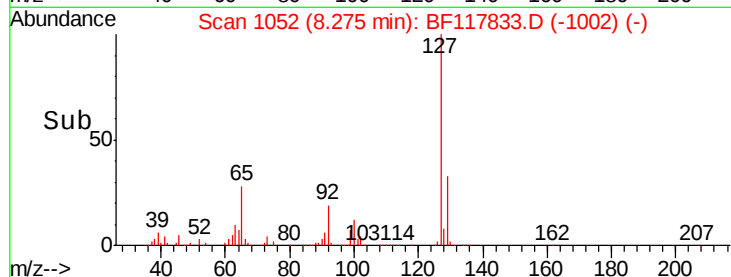
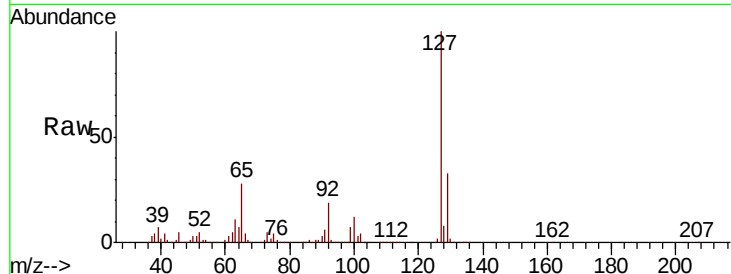




#33
4-Chloroaniline
Concen: 24.013 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

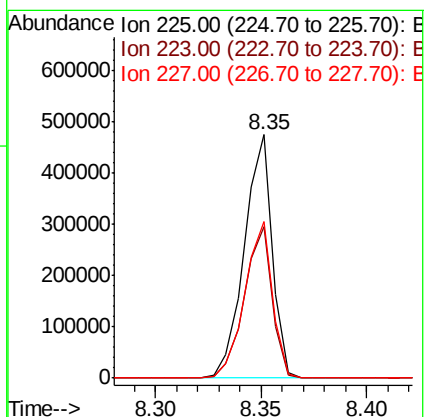
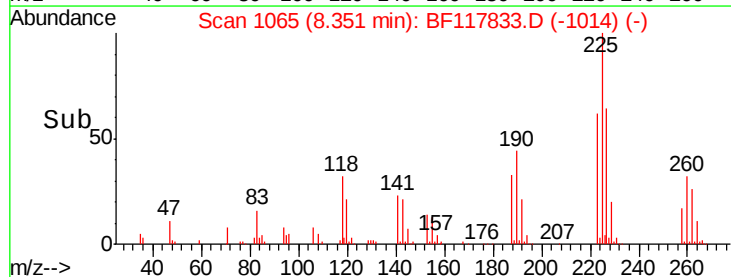
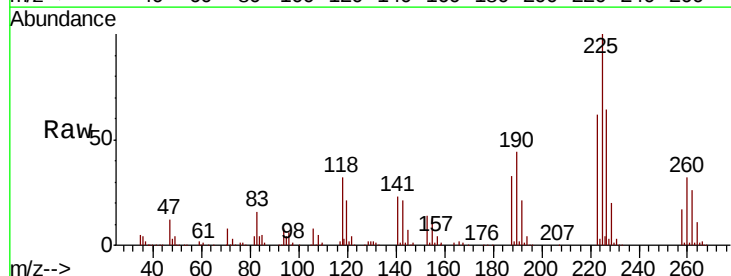
Instrument :
BNA_F
ClientSampled :

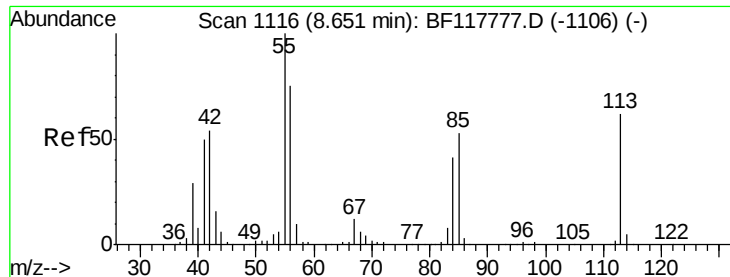
Tot Ion:	127	Resp:	646981
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	28.4	22.9	34.3
92	18.7	15.0	22.6



#34
Hexachlorobutadiene
Concen: 34.837 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:	225	Resp:	434228
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	64.2	51.8	77.6

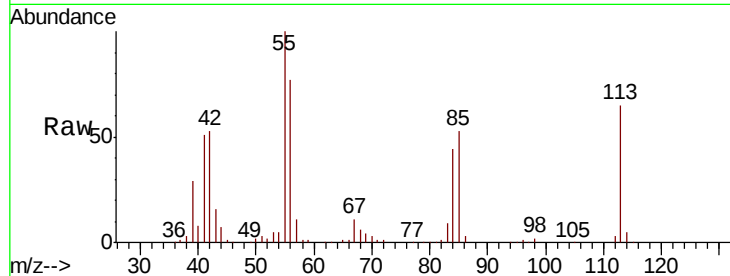




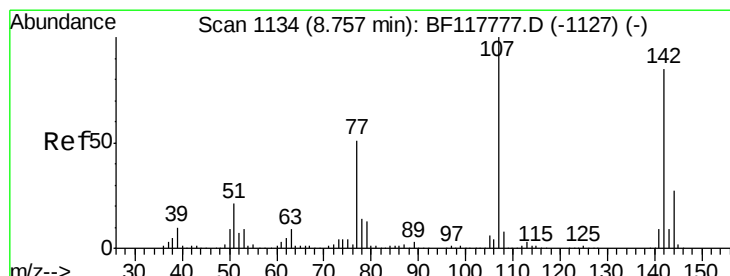
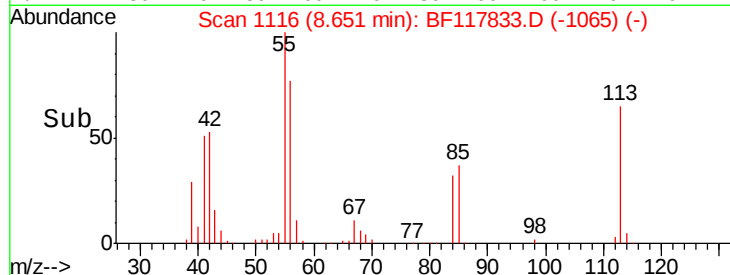
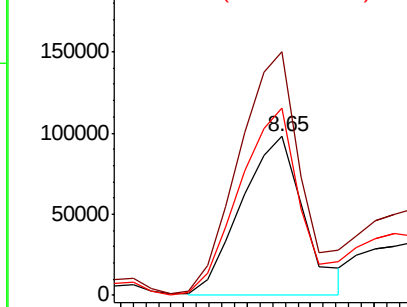
#35
 Caprolactam
 Concen: 23.007 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 134390
 Ion Ratio Lower Upper
 113 100
 55 153.3 141.1 181.1
 56 117.9 100.5 140.5

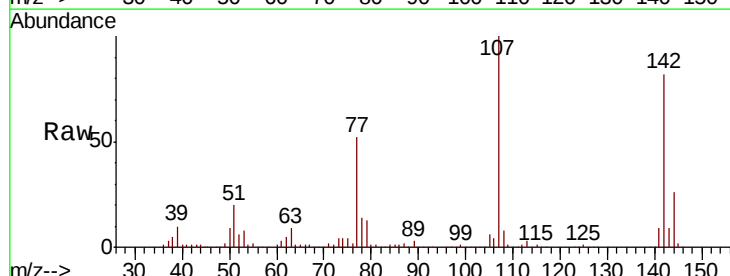


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

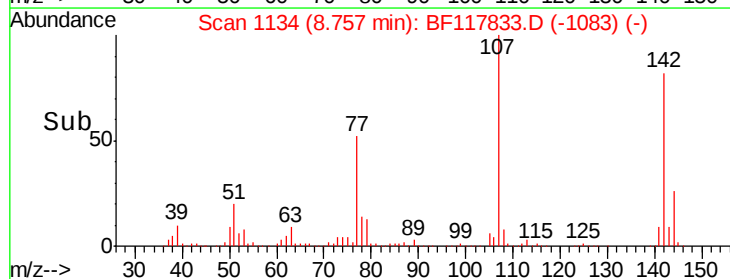
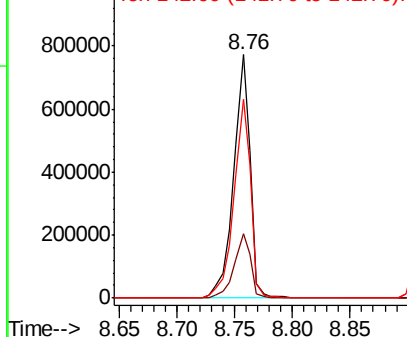


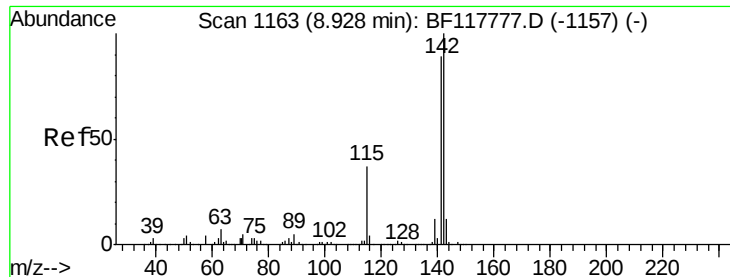
#36
 4-Chloro-3-methylphenol
 Concen: 41.037 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:107 Resp: 765462
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.9 32.9
 142 81.9 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

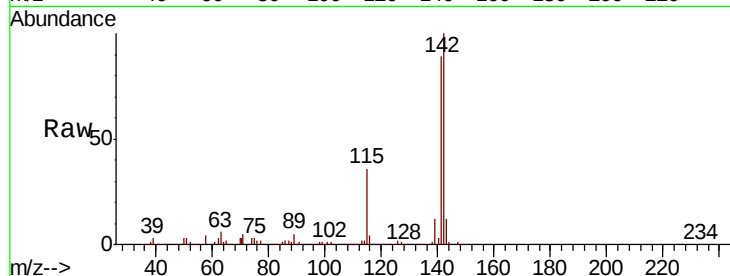




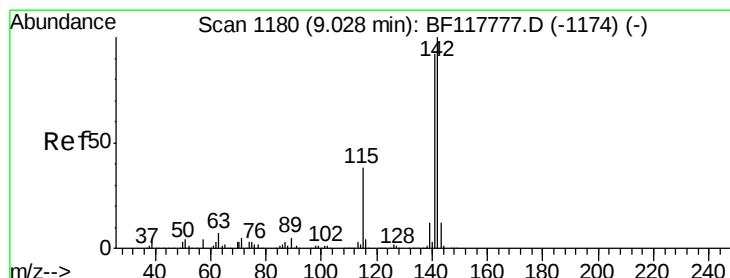
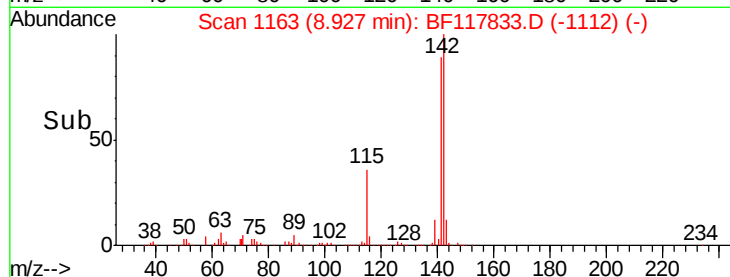
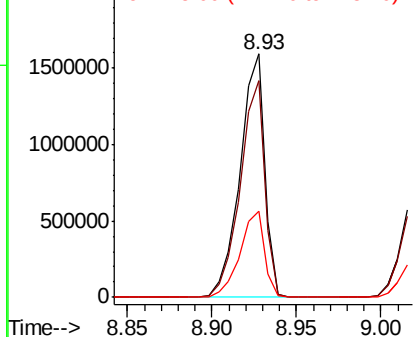
#37
2-Methylnaphthalene
Concen: 40.193 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1634410
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7
115 35.5 29.2 43.8

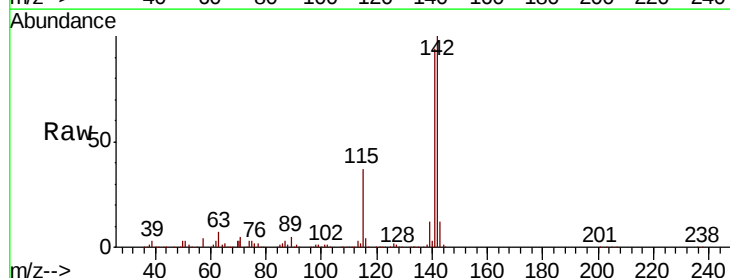


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

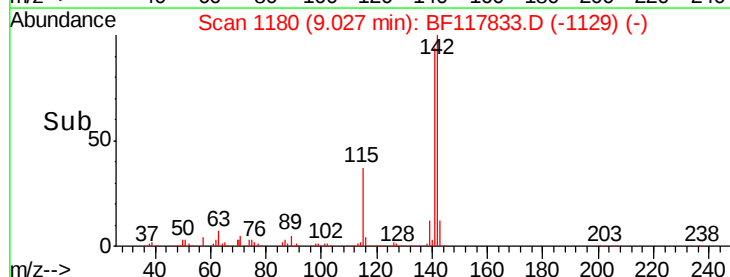
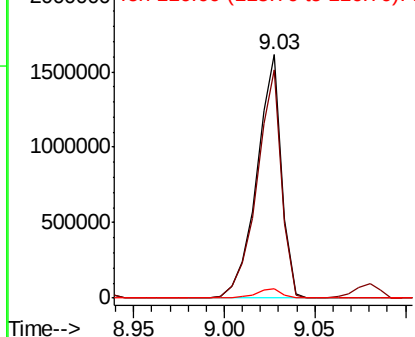


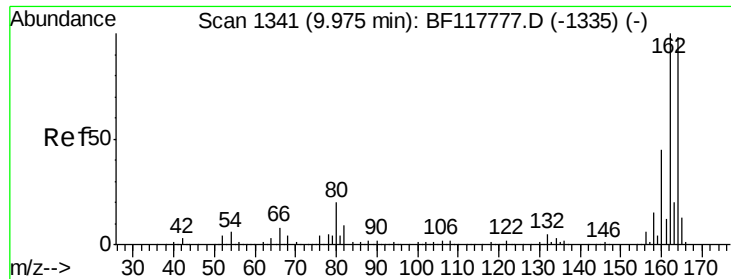
#38
1-Methylnaphthalene
Concen: 39.560 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:142 Resp: 1520823
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
116 4.1 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

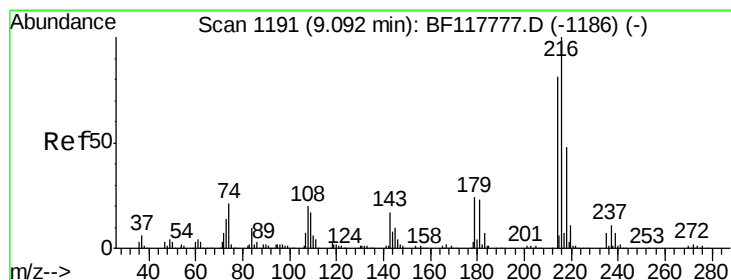
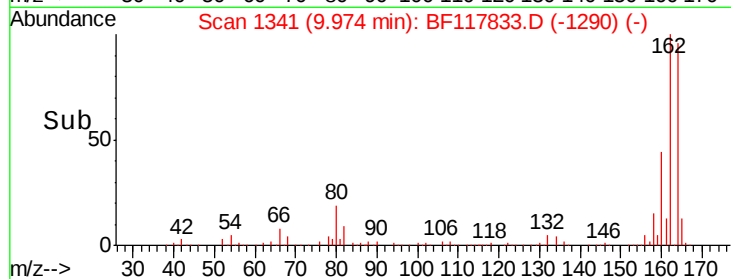
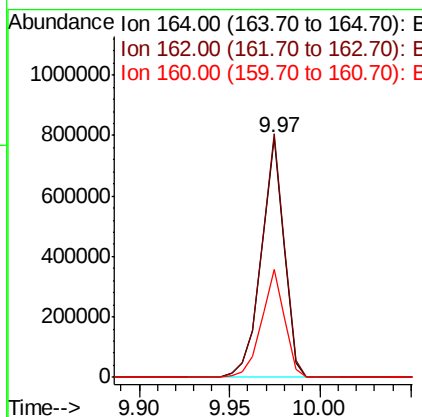
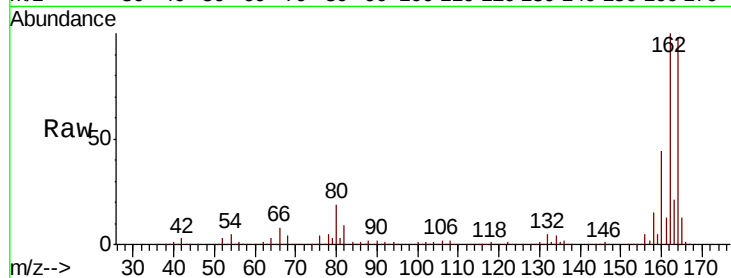




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

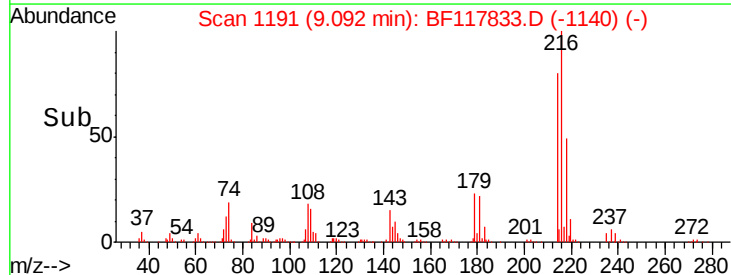
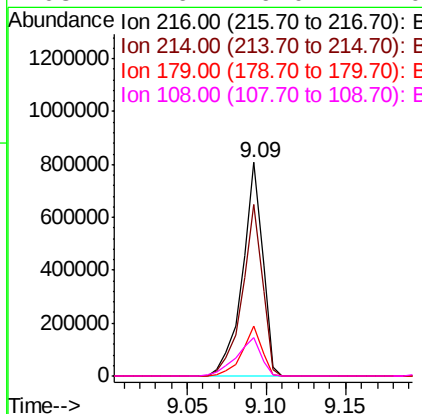
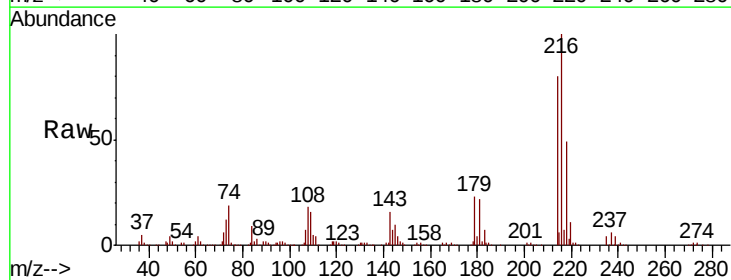
Instrument :
BNA_F
ClientSampled :

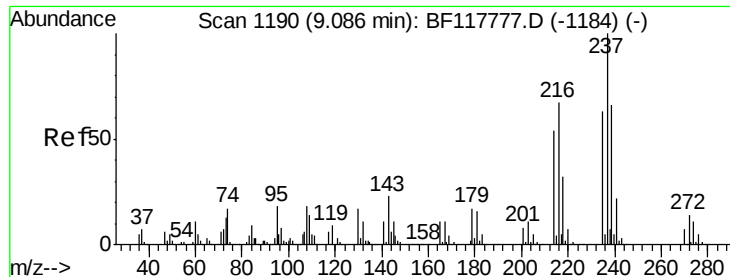
Tot Ion:164 Resp: 697325
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.8 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.294 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:216 Resp: 714747
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 22.9 18.2 27.4
108 21.6 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 63.975 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampled :

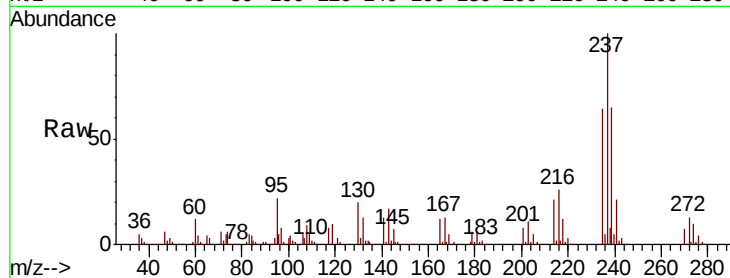
Tot Ion:237 Resp: 726029

Ion Ratio Lower Upper

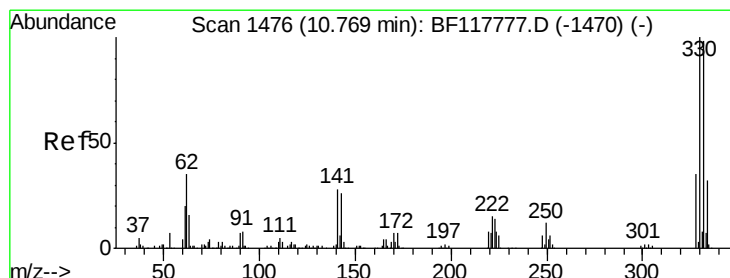
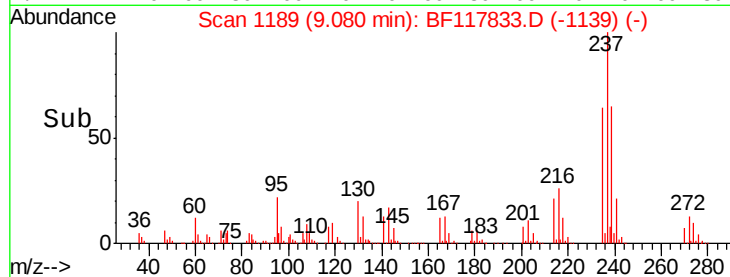
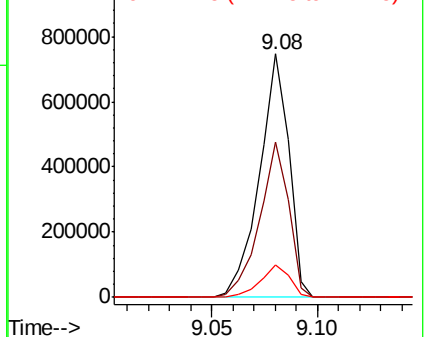
237 100

235 63.9 42.6 82.6

272 13.3 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: 107.920 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

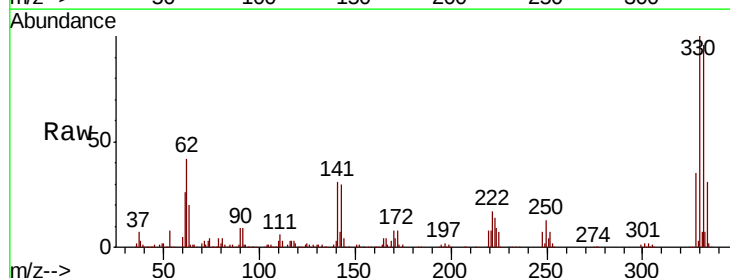
Tgt Ion:330 Resp: 796719

Ion Ratio Lower Upper

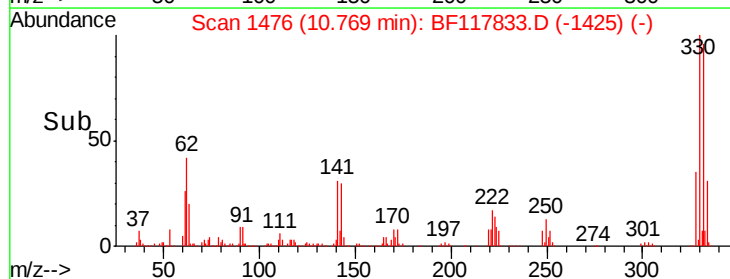
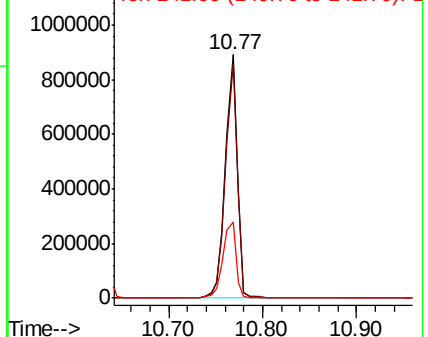
330 100

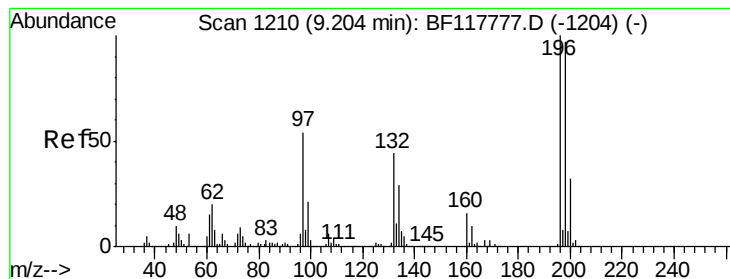
332 96.6 76.7 115.1

141 33.9 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: 37.965 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

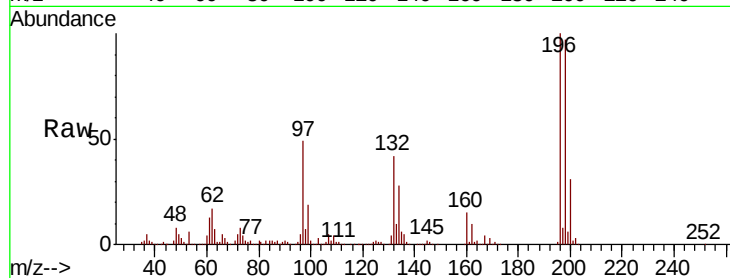
Tot Ion:196 Resp: 550676

Ion Ratio Lower Upper

196 100

198 96.6 77.8 116.6

200 31.1 25.4 38.0

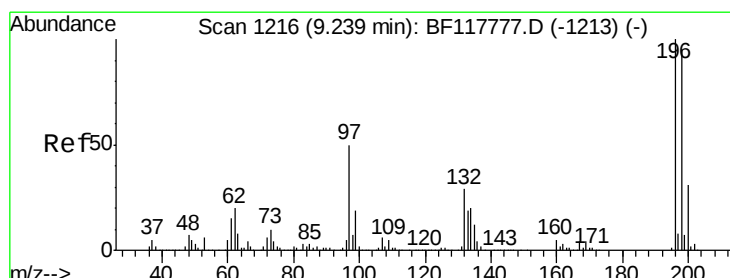
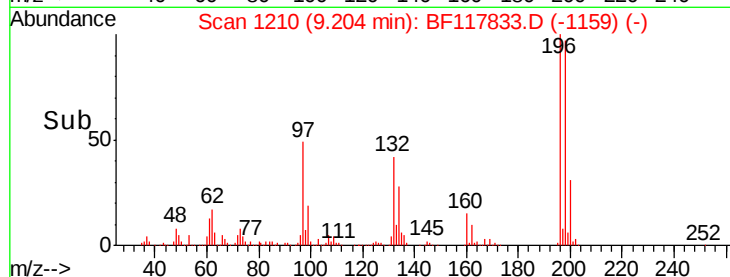
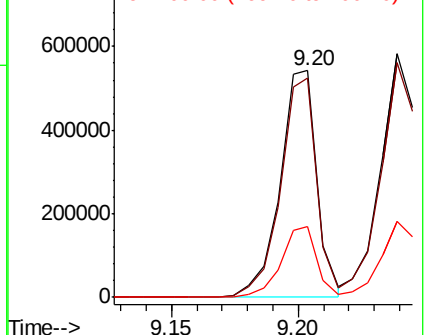


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.143 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion:196 Resp: 589497

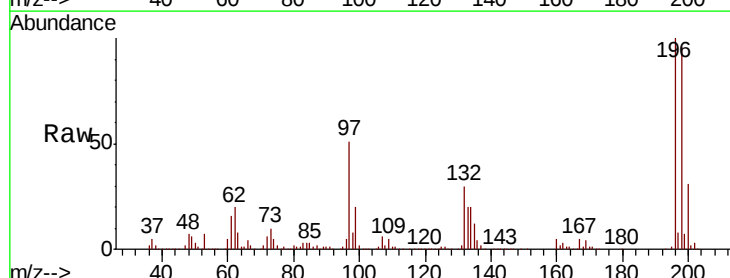
Ion Ratio Lower Upper

196 100

198 96.2 76.3 114.5

97 51.5 40.0 60.0

132 30.3 23.6 35.4



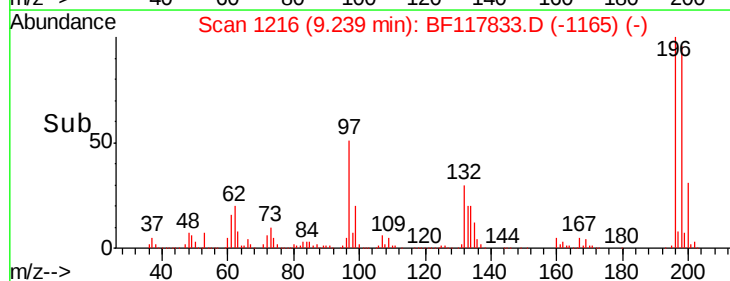
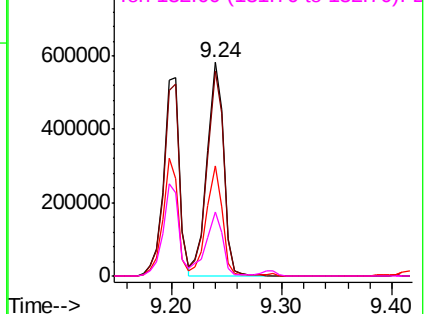
Abundance

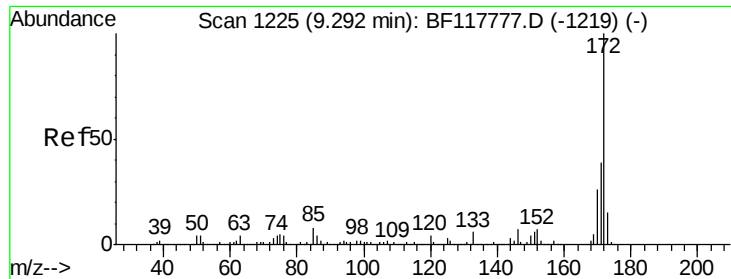
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

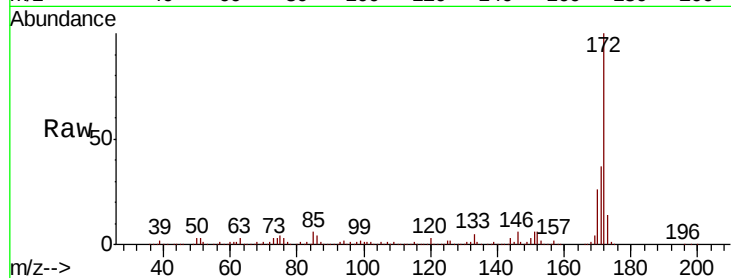




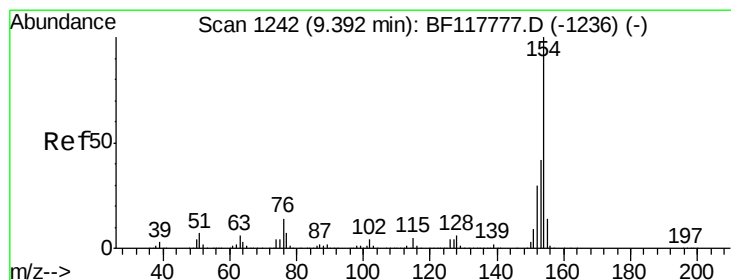
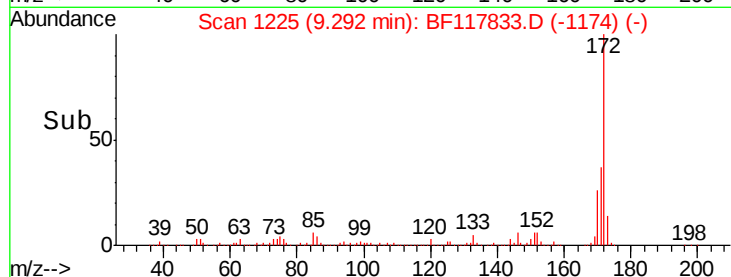
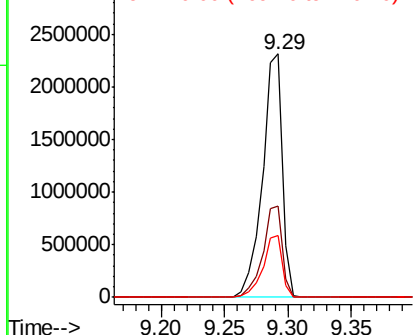
#45
2-Fluorobiphenyl
Concen: 65.312 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2538636
Ion Ratio Lower Upper
172 100
171 37.4 30.9 46.3
170 25.6 21.0 31.4

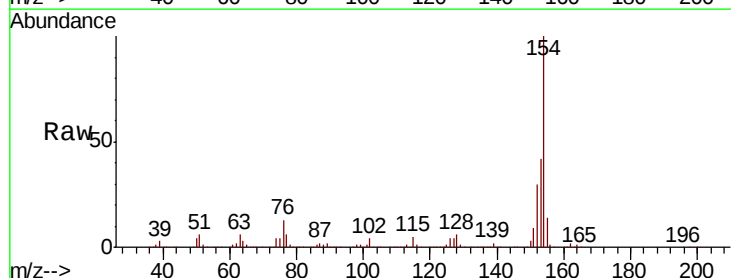


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

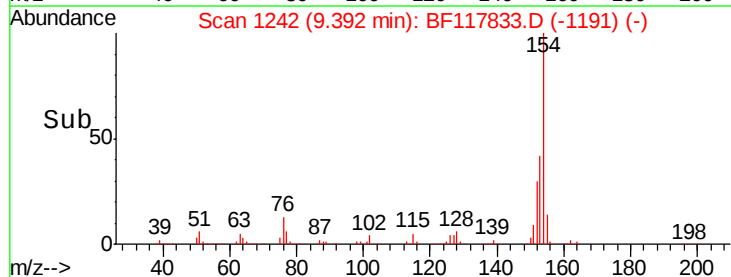
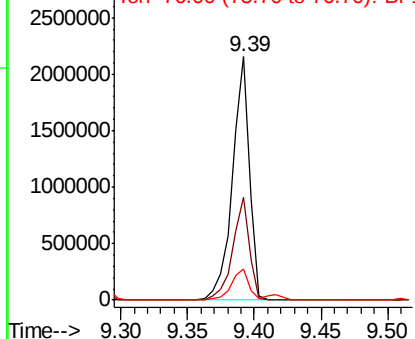


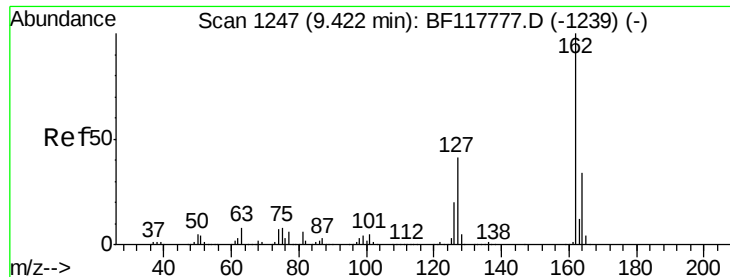
#46
1,1'-Biphenyl
Concen: 37.600 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:154 Resp: 1945216
Ion Ratio Lower Upper
154 100
153 42.4 21.9 61.9
76 12.8 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

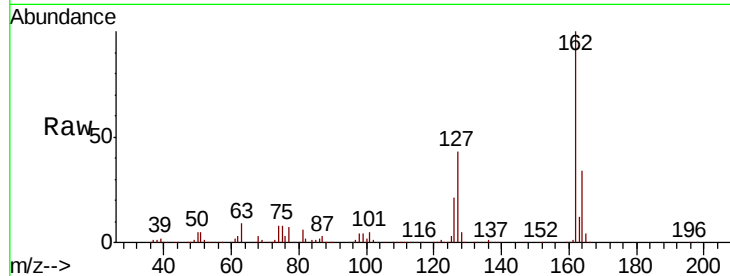




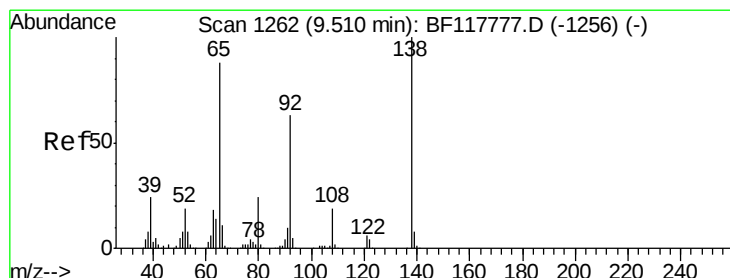
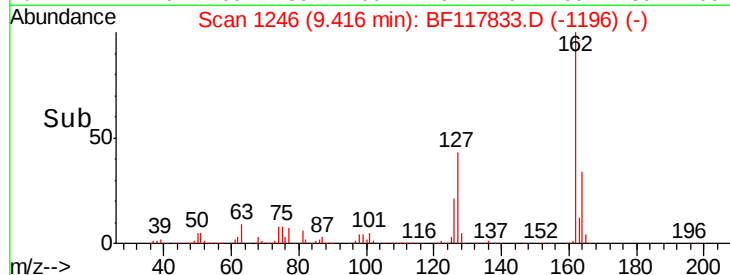
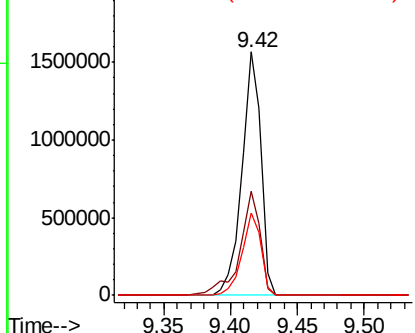
#47
 2-Chloronaphthalene
 Concen: 36.307 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.2	49.8
164	33.7	27.3	40.9

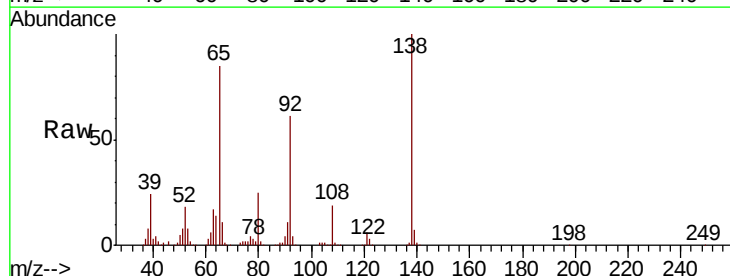


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

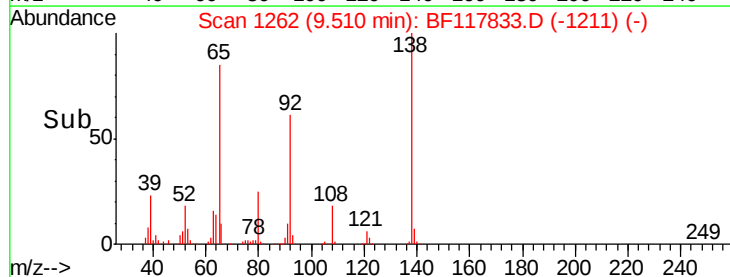
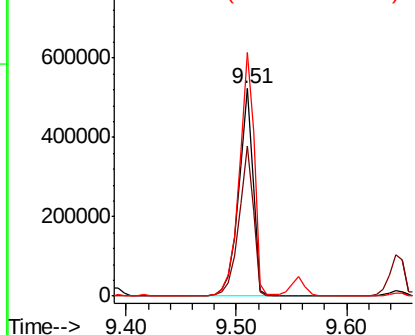


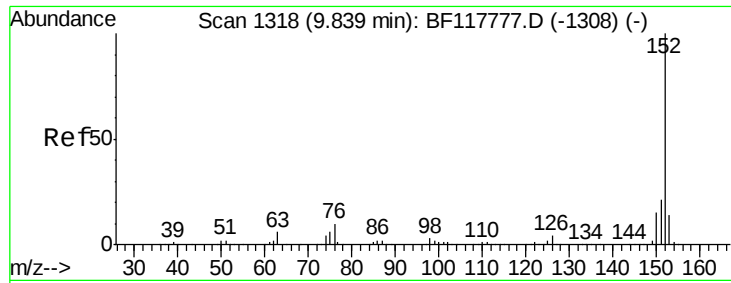
#48
 2-Nitroaniline
 Concen: 37.748 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.6	84.8
138	117.4	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: 38.793 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

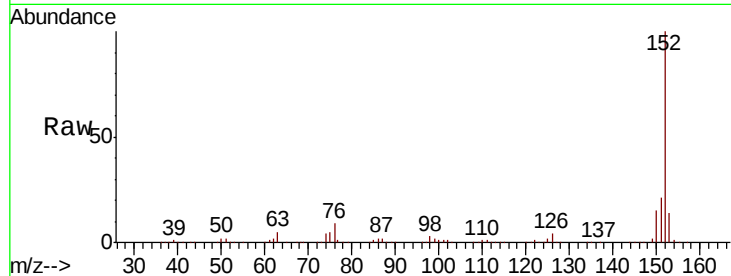
Tot Ion:152 Resp: 2407132

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

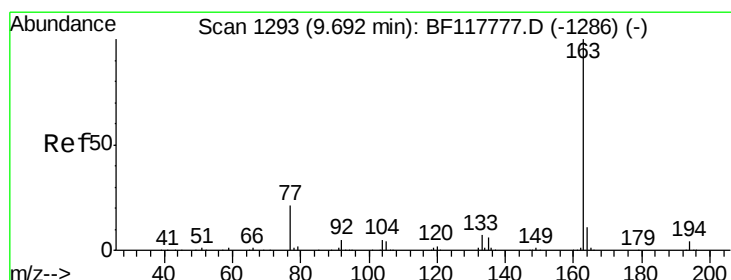
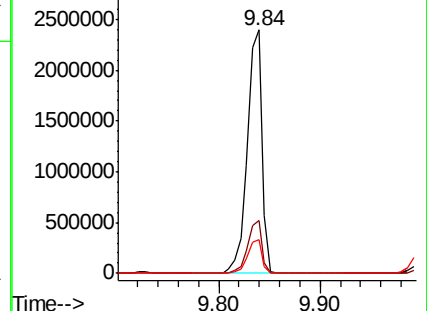
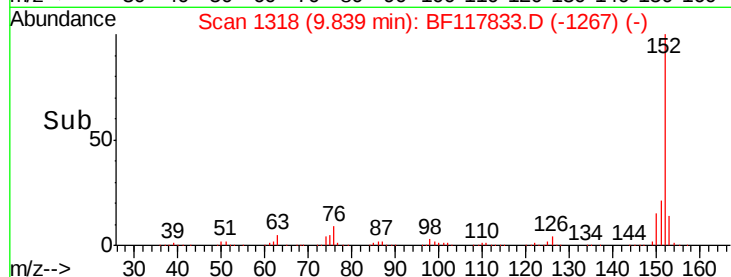
153 13.8 11.0 16.6



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: 37.042 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

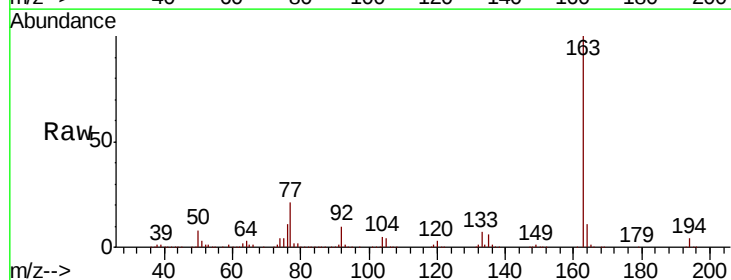
Tgt Ion:163 Resp: 1811344

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

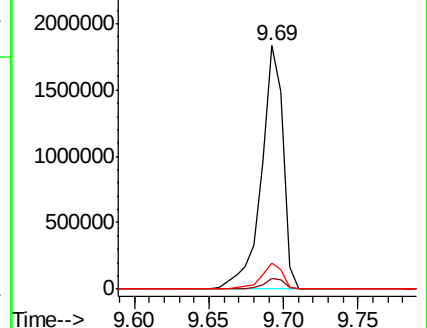
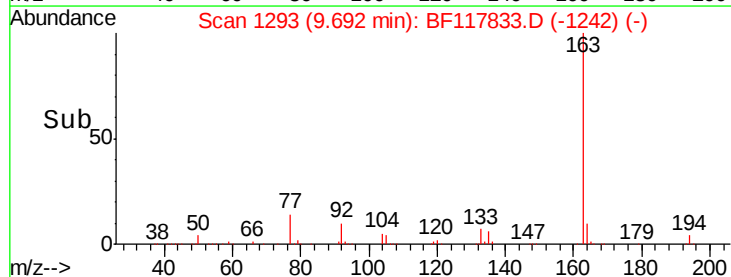
164 10.7 8.7 13.1

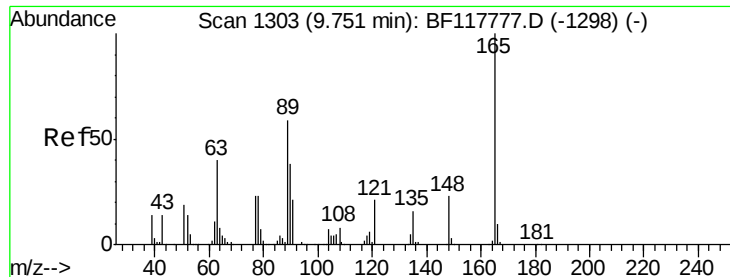


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.320 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

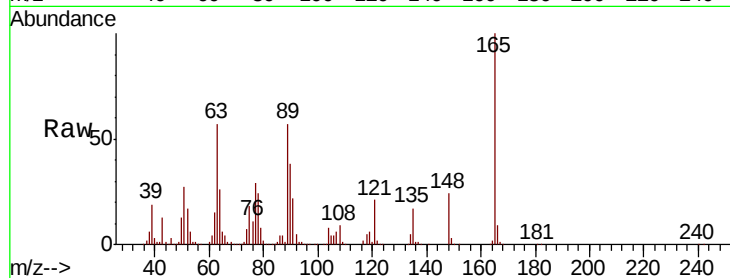
Tot Ion:165 Resp: 430910

Ion Ratio Lower Upper

165 100

63 56.6 46.0 69.0

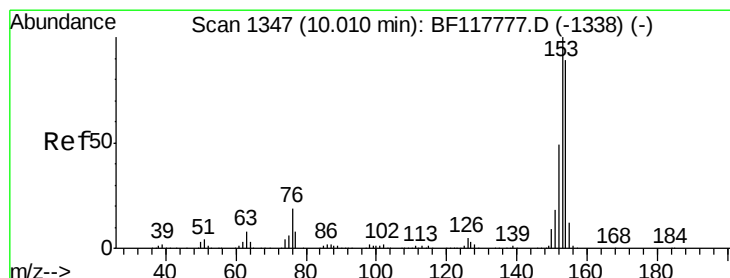
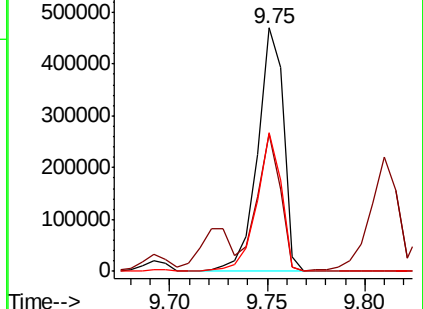
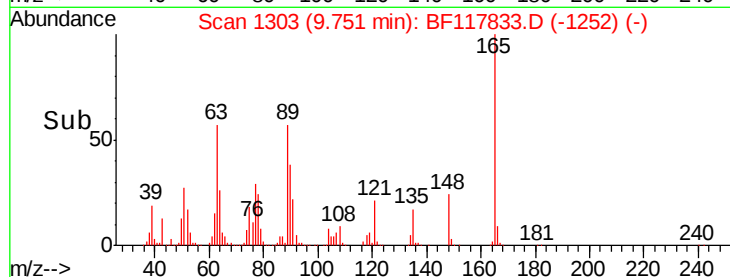
89 57.0 47.7 71.5



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: 41.555 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

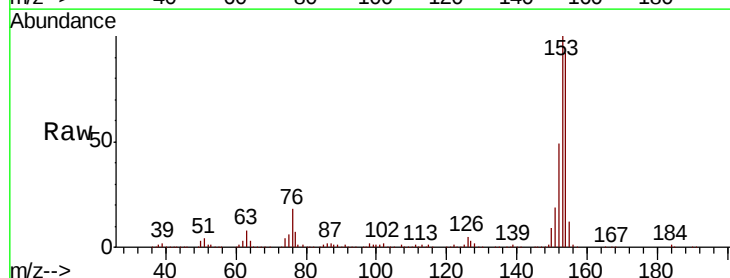
Tgt Ion:154 Resp: 1651769

Ion Ratio Lower Upper

154 100

153 109.1 90.1 135.1

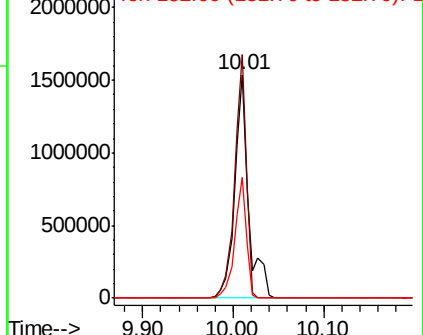
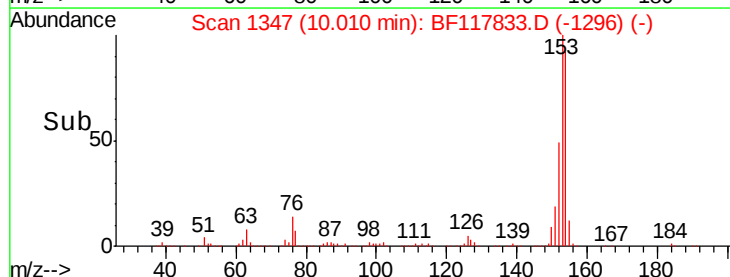
152 53.9 44.0 66.0

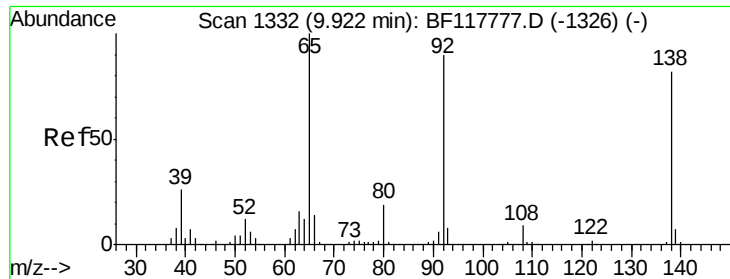


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

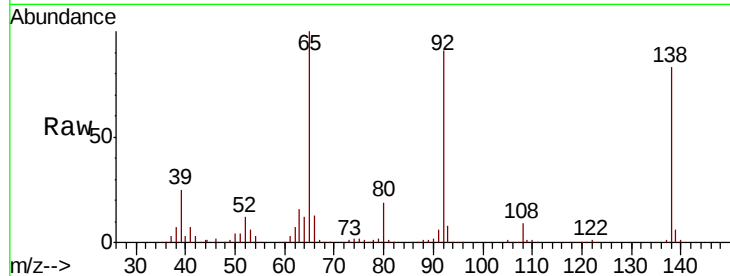




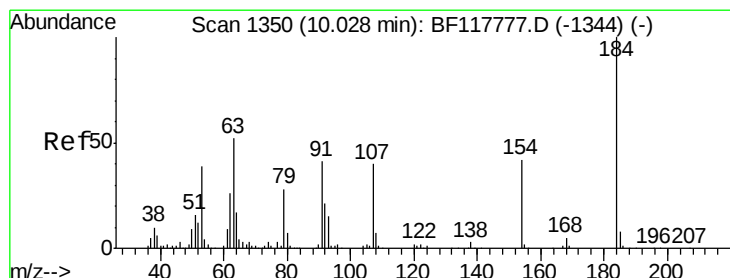
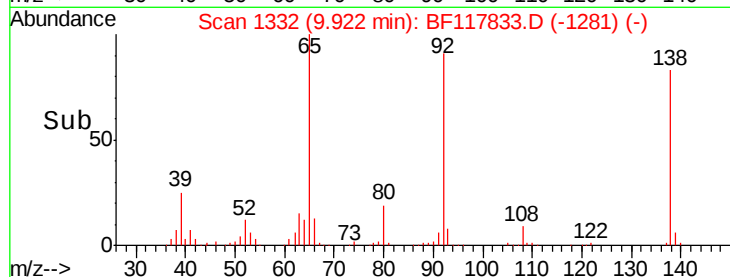
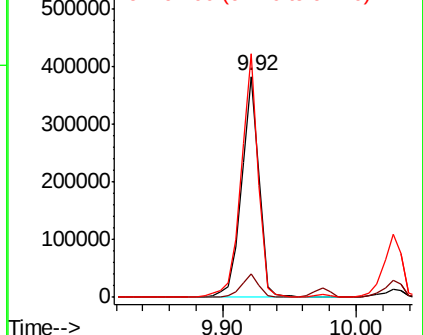
#53
3-Nitroaniline
Concen: 27.193 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 347740
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 110.1 87.9 131.9

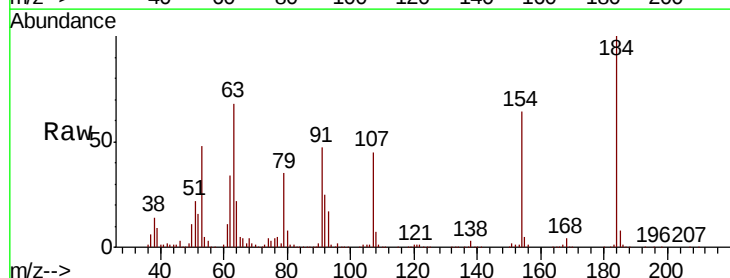


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

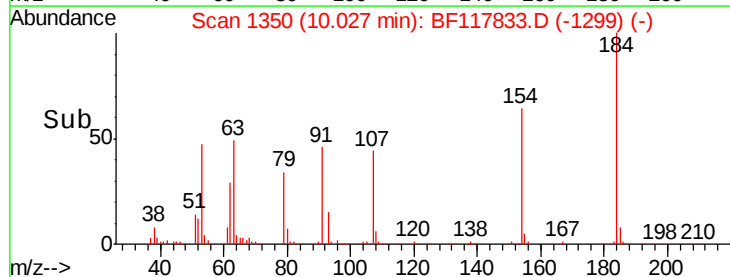
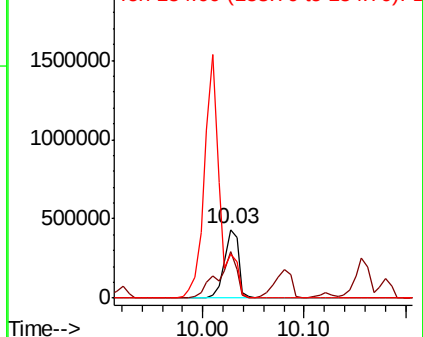


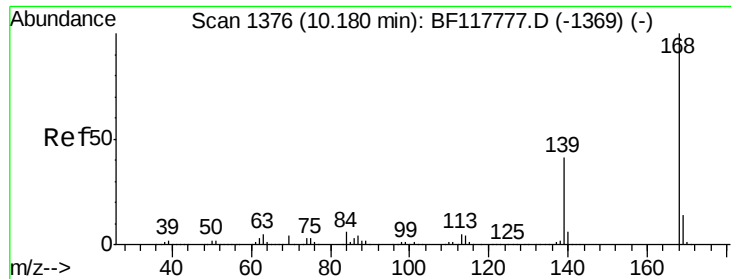
#54
2,4-Dinitrophenol
Concen: 77.920 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:184 Resp: 426744
Ion Ratio Lower Upper
184 100
63 67.8 43.0 64.6#
154 63.7 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

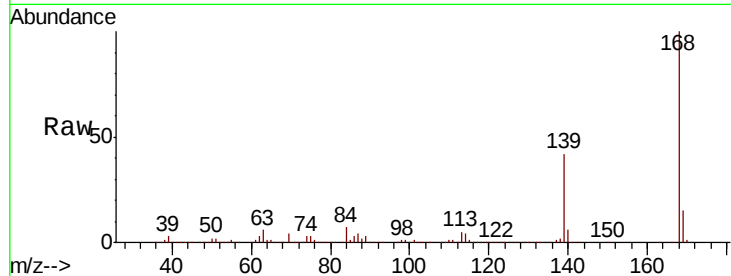




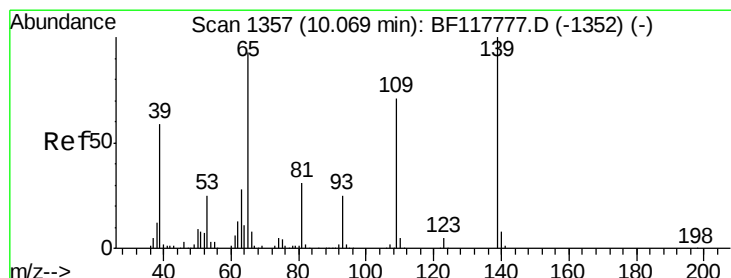
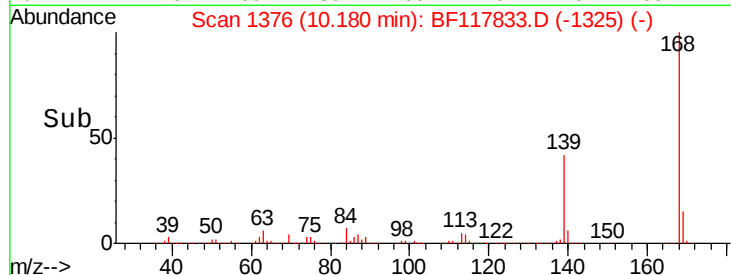
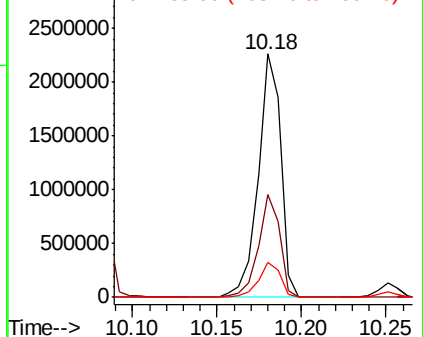
#55
Dibenzenofuran
Concen: 38.185 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2101792
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.6
169 14.6 11.5 17.3

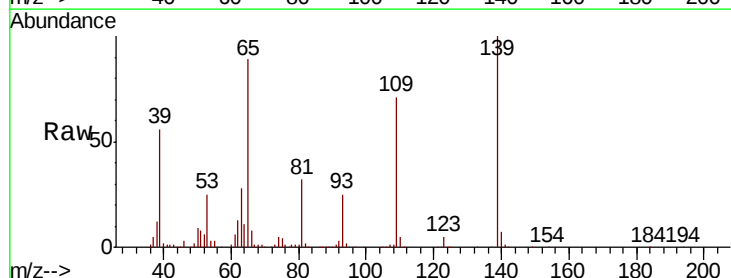


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

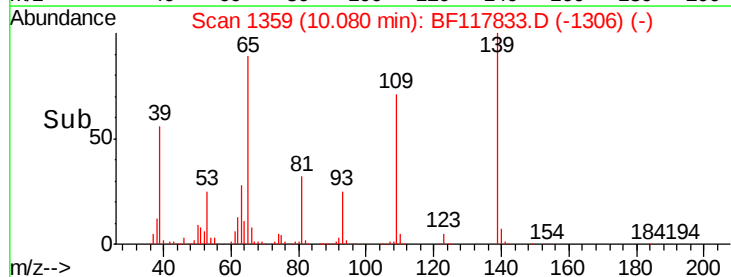
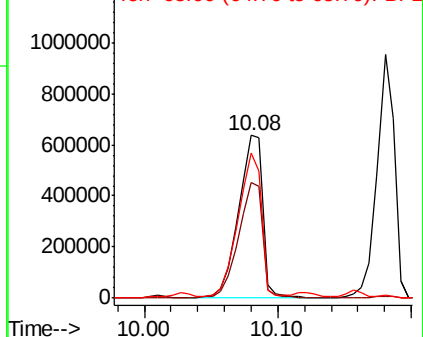


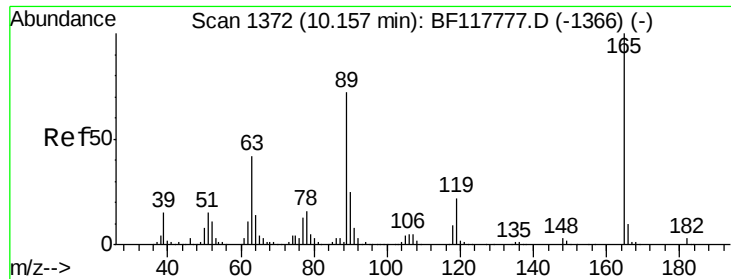
#56
4-Nitrophenol
Concen: 83.505 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:139 Resp: 797084
Ion Ratio Lower Upper
139 100
109 71.2 50.8 90.8
65 89.3 73.6 113.6



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

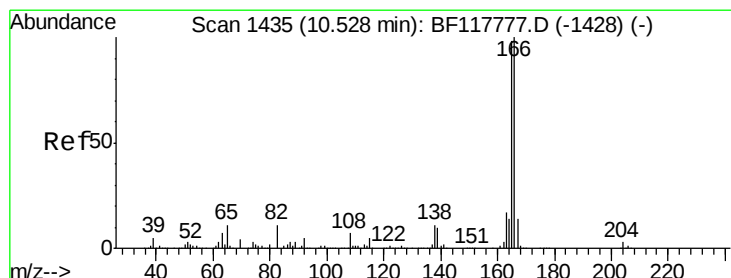
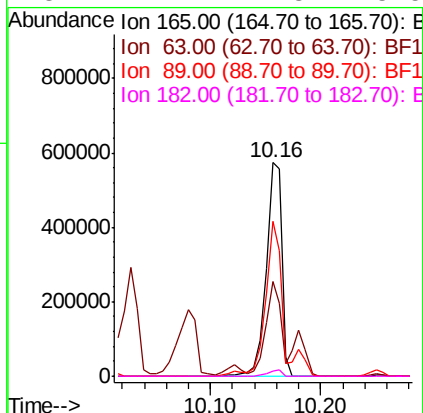
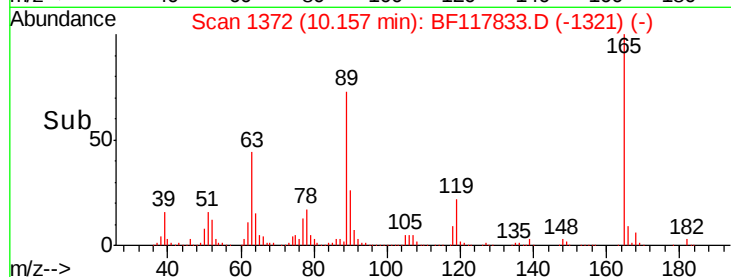
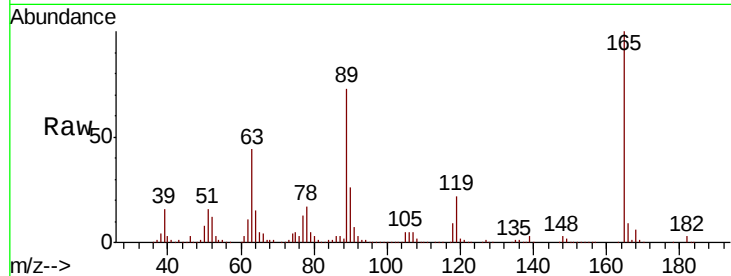




#57
2,4-Dinitrotoluene
Concen: 42.084 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

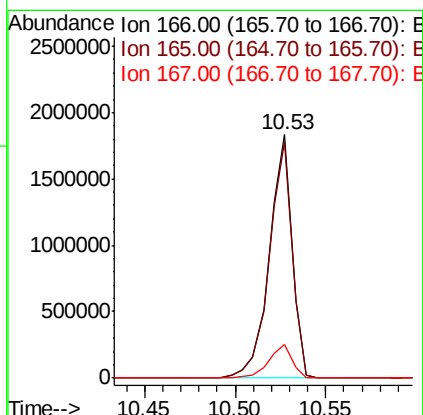
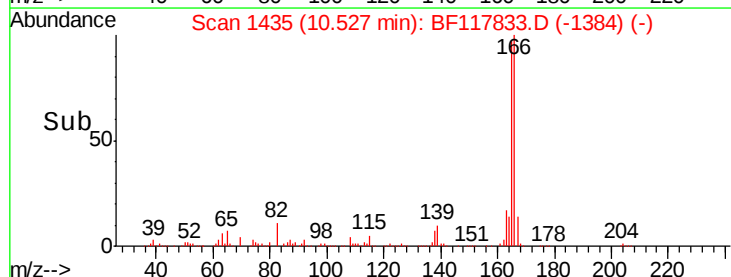
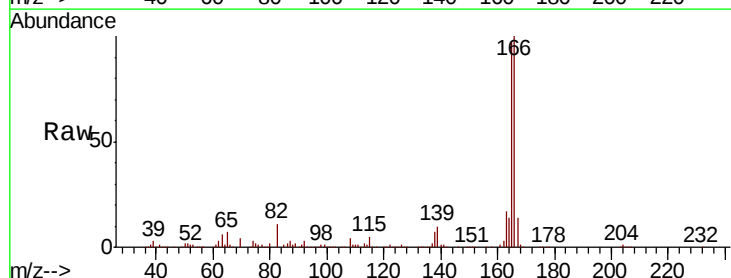
Instrument :
BNA_F
ClientSampleId :

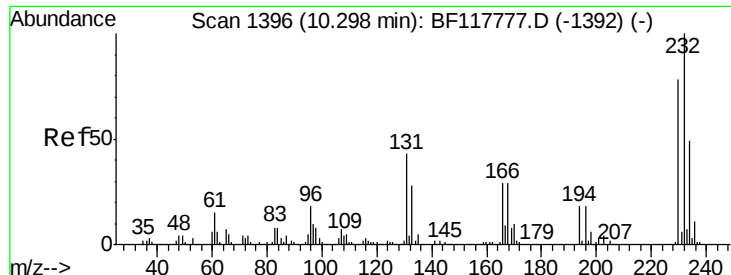
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.7	50.5
89	72.6	57.3	85.9
182	2.7	2.3	3.5



#58
Fluorene
Concen: 37.409 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.9	11.0	16.4

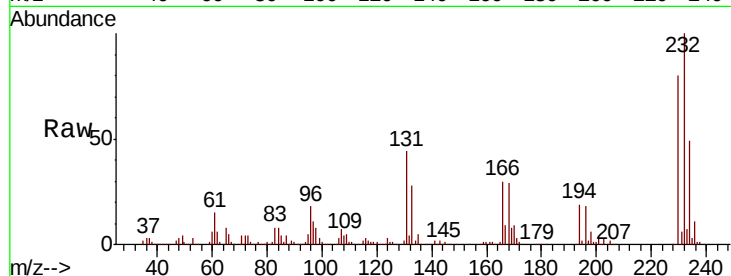




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.134 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.6	56.4
130	2.4	1.9	2.9
166	31.2	24.2	36.4



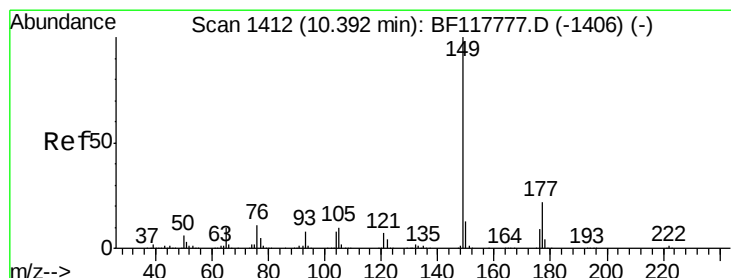
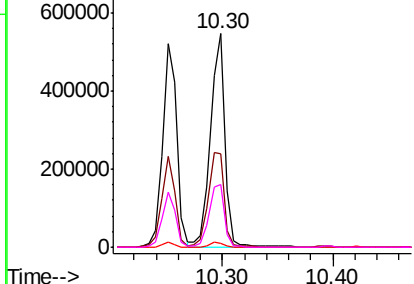
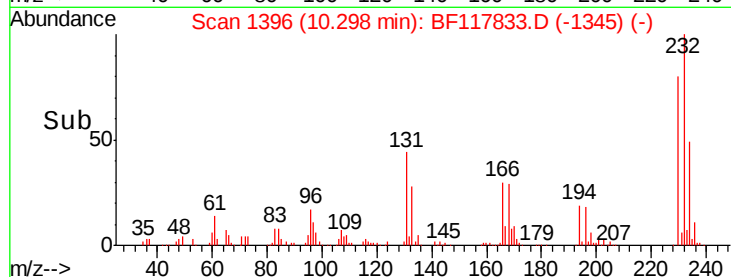
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

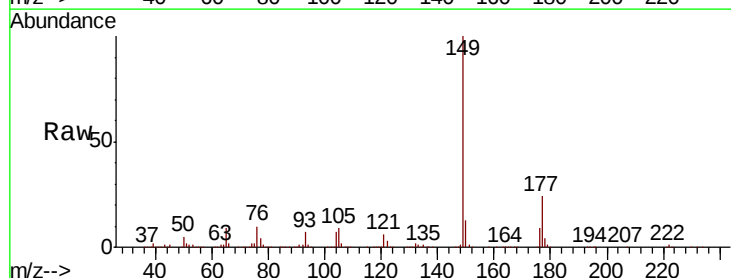
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 36.930 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.0	27.0
150	12.9	10.5	15.7

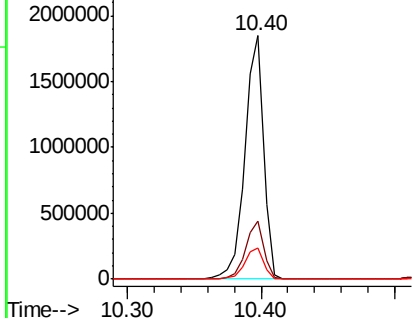
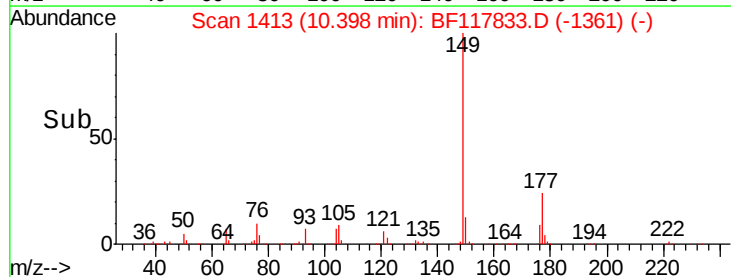


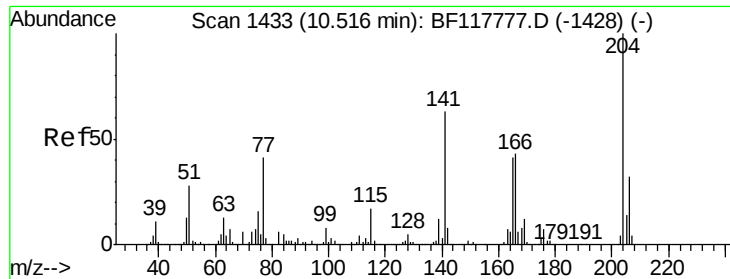
Abundance

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

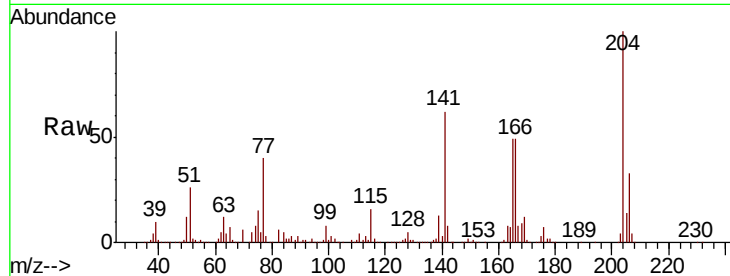




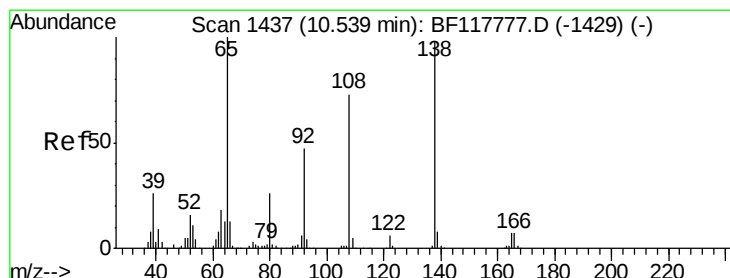
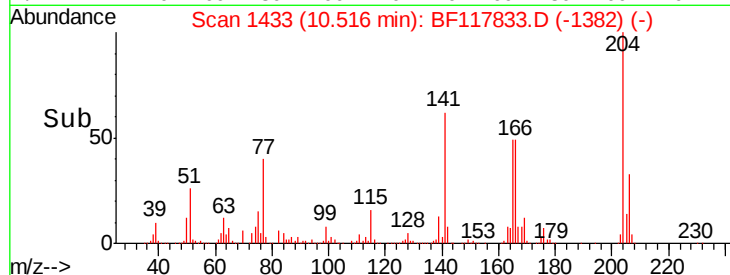
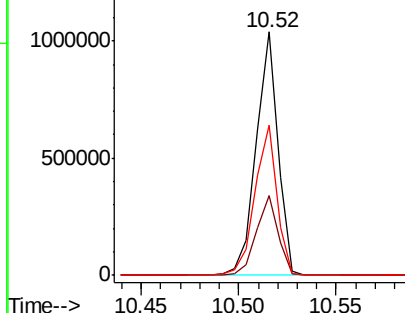
#61
 4-Chlorophenyl-phenylether
 Concen: 37.362 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 808752
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 61.9 50.7 76.1

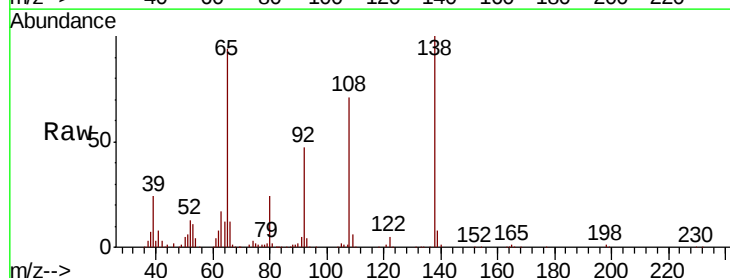


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

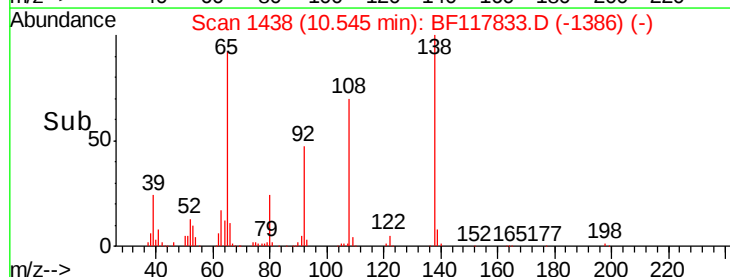
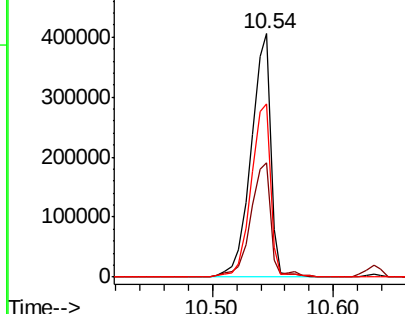


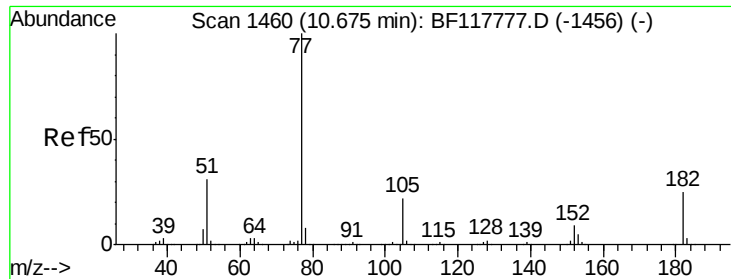
#62
 4-Nitroaniline
 Concen: 36.312 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:138 Resp: 464940
 Ion Ratio Lower Upper
 138 100
 92 46.8 28.3 68.3
 108 71.1 54.3 94.3



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

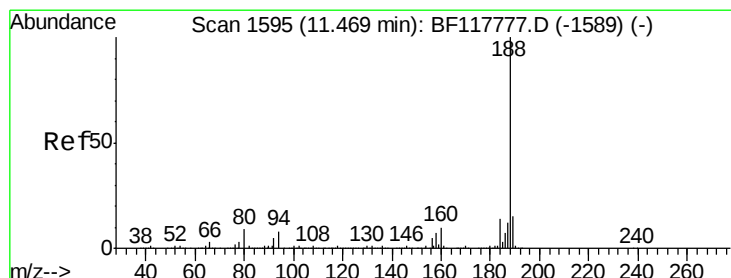
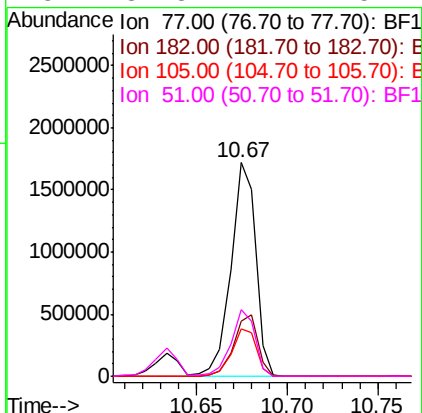
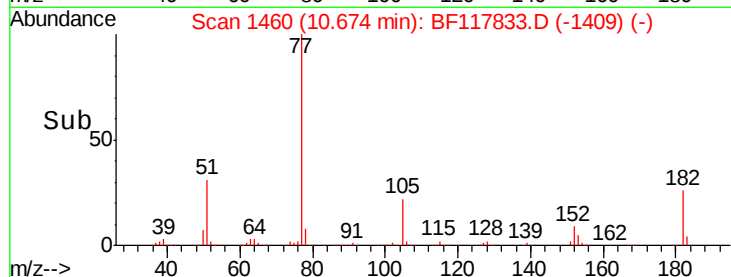
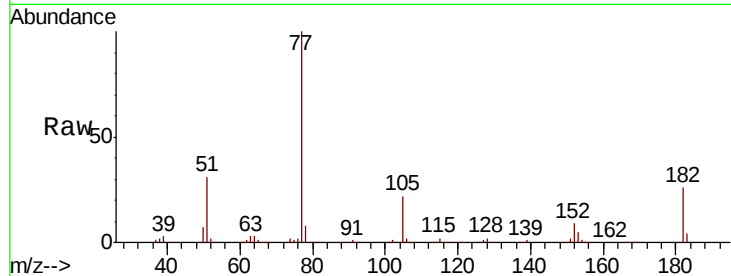




#63
Azobenzene
Concen: 37.696 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

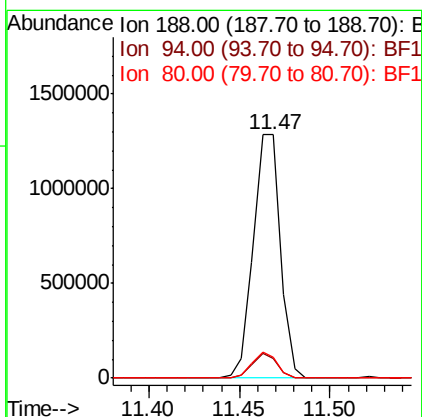
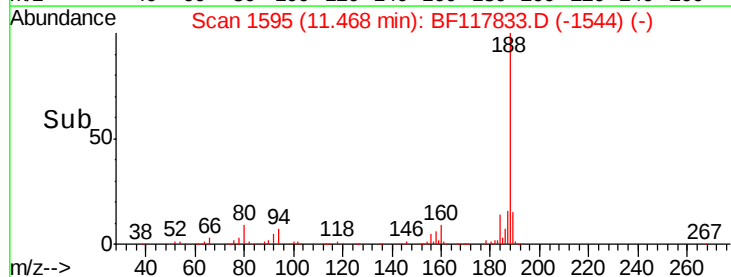
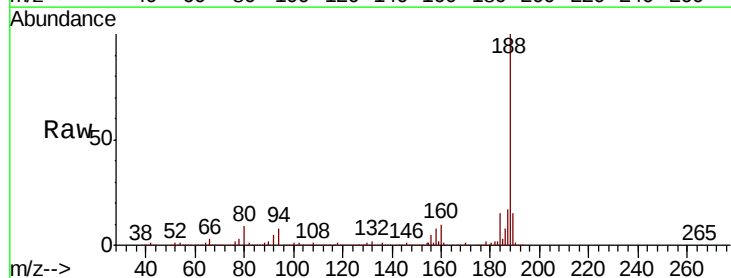
Instrument :
BNA_F
ClientSampled :

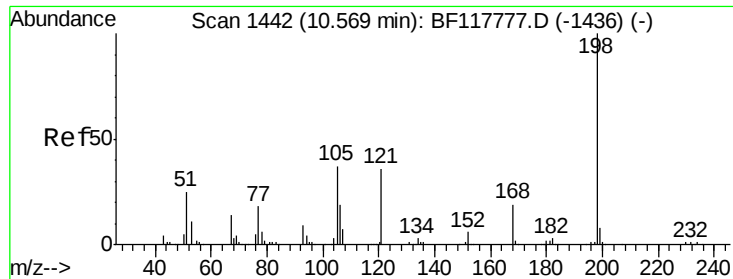
Tot Ion: 77 Resp: 1634949
Ion Ratio Lower Upper
77 100
182 25.7 4.8 44.8
105 22.2 2.1 42.1
51 31.3 11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion: 188 Resp: 1341115
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.8 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 46.560 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampled :

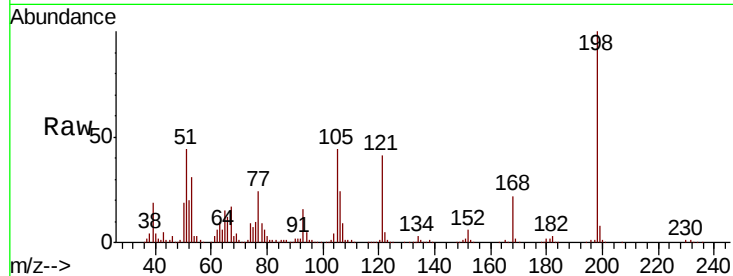
Tot Ion:198 Resp: 291500

Ion Ratio Lower Upper

198 100

51 44.1 16.0 56.0

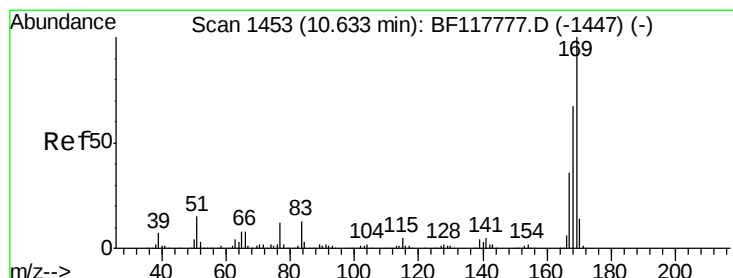
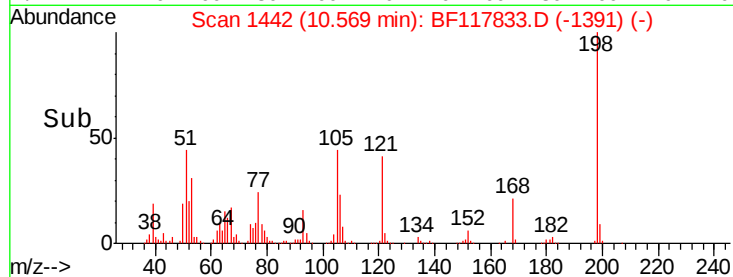
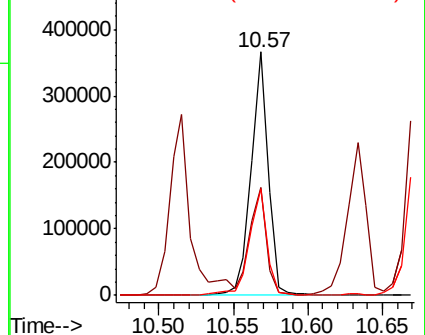
105 44.0 19.1 59.1



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: 37.980 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

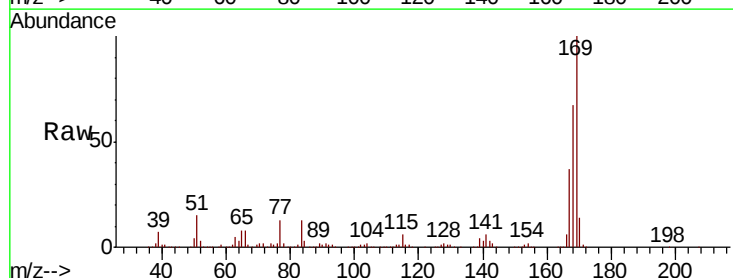
Tgt Ion:169 Resp: 1482367

Ion Ratio Lower Upper

169 100

168 67.4 53.5 80.3

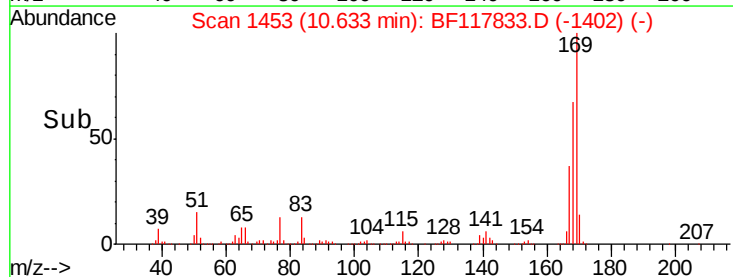
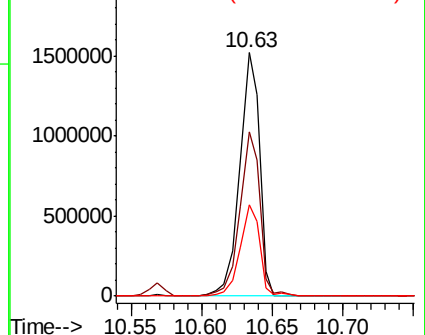
167 37.3 29.0 43.4

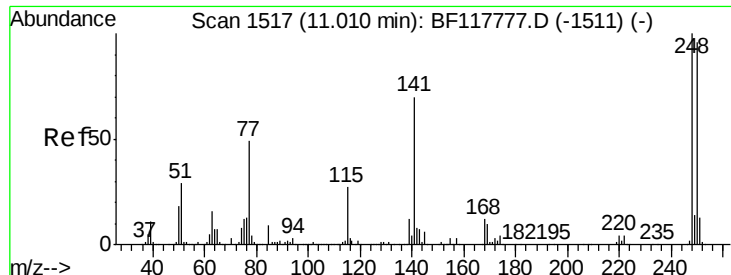


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

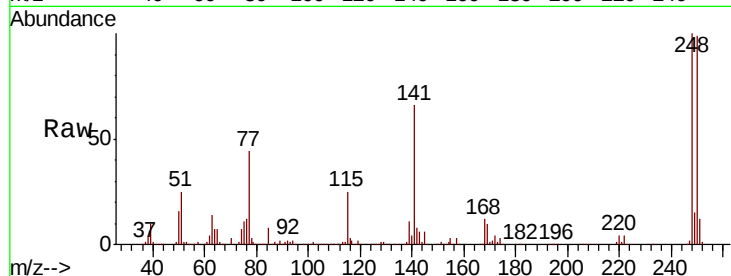




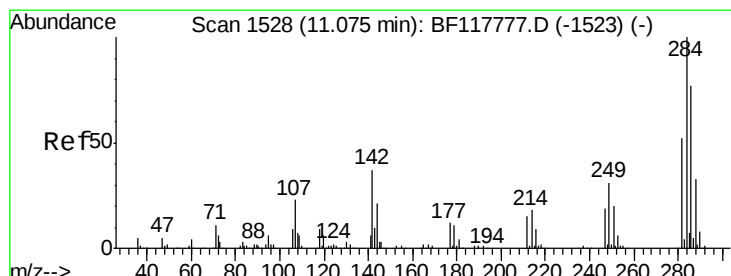
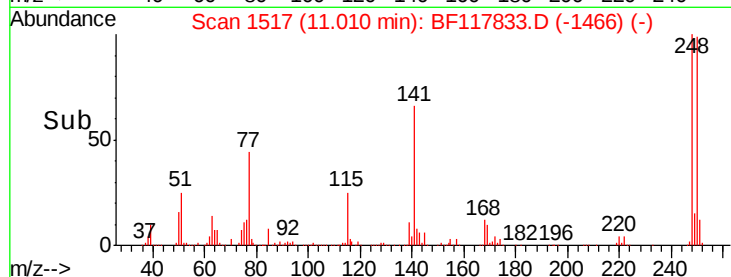
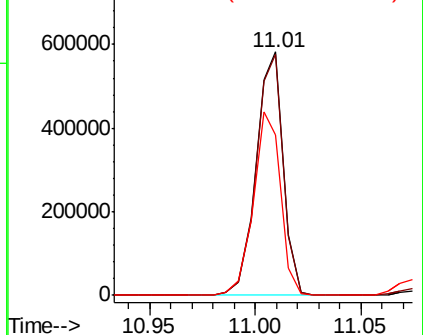
#67
4-Bromophenyl-phenylether
Concen: 36.075 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.6	115.0
141	65.9	55.9	83.9

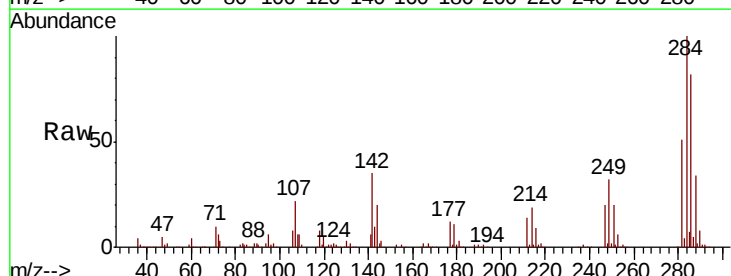


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

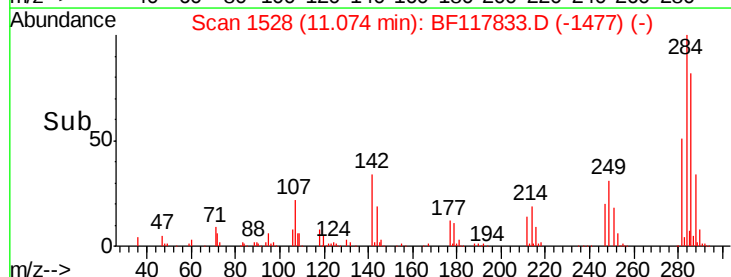
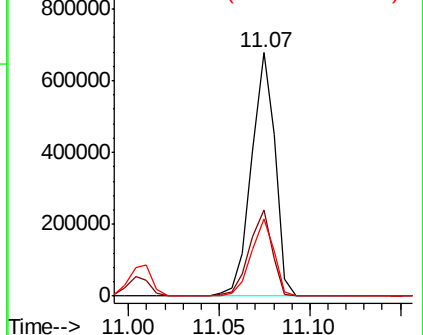


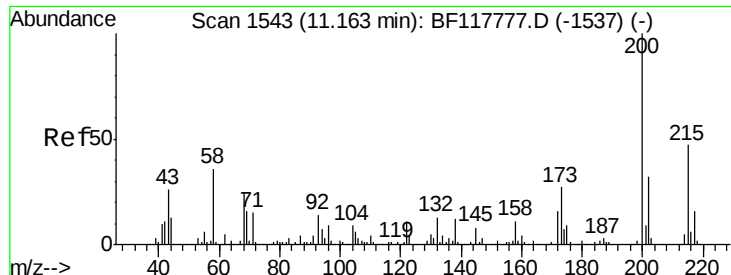
#68
Hexachlorobenzene
Concen: 36.195 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	29.4	44.2
249	31.6	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

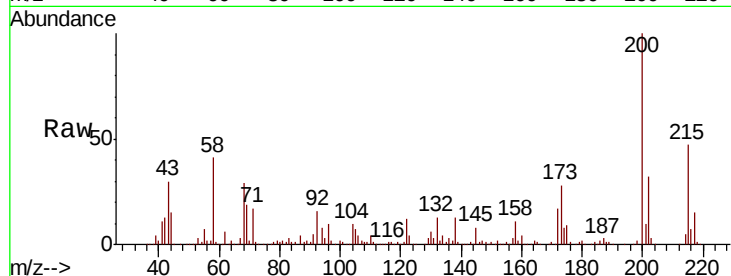




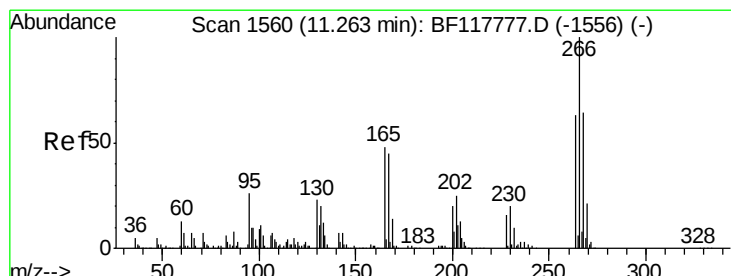
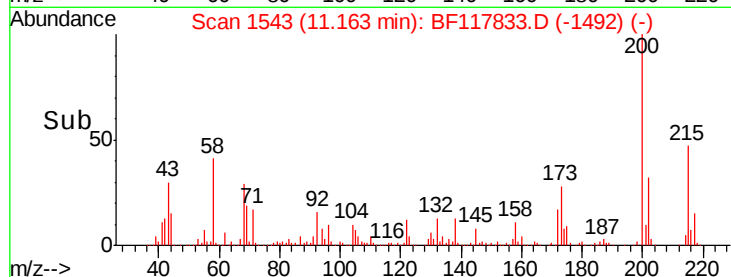
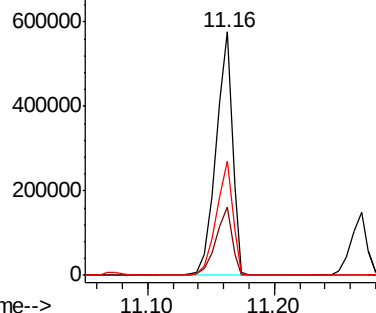
#69
Atrazine
Concen: 40.130 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 515236
Ion Ratio Lower Upper
200 100
173 27.9 6.7 46.7
215 47.1 27.5 67.5

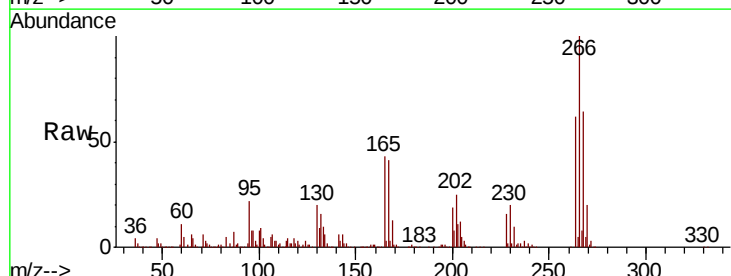


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

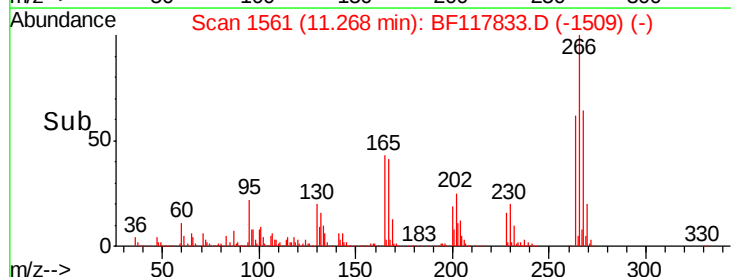
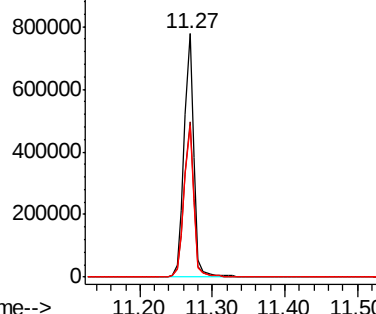


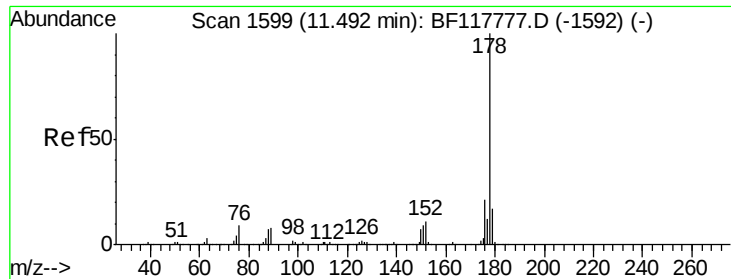
#70
Pentachlorophenol
Concen: 74.641 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:266 Resp: 735803
Ion Ratio Lower Upper
266 100
268 63.8 50.8 76.2
264 62.4 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: 36.636 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

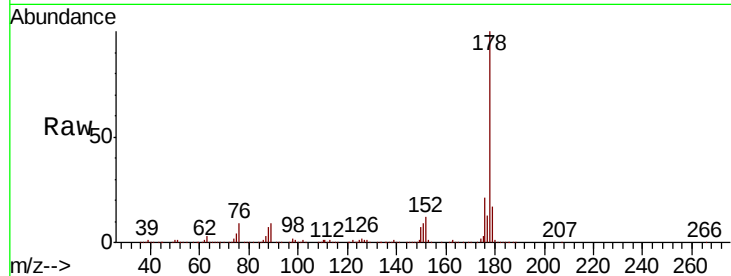
Tot Ion:178 Resp: 2470222

Ion Ratio Lower Upper

178 100

176 21.3 16.6 25.0

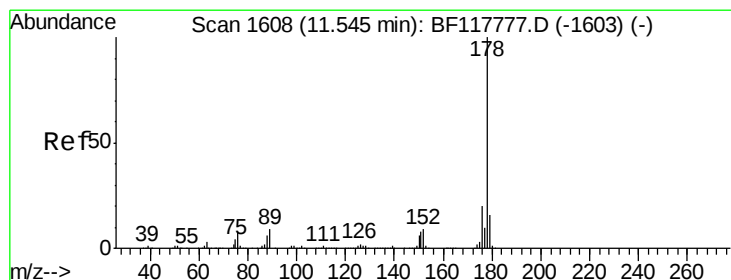
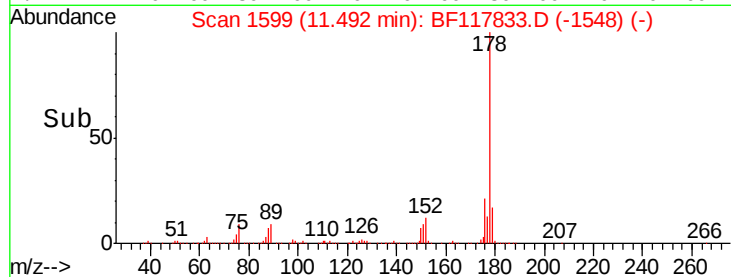
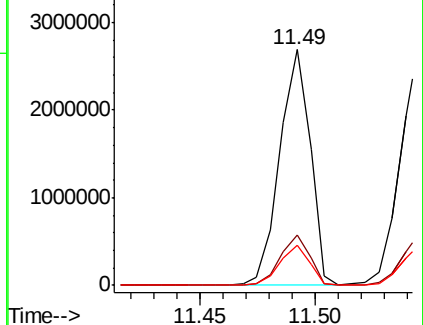
179 17.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.852 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

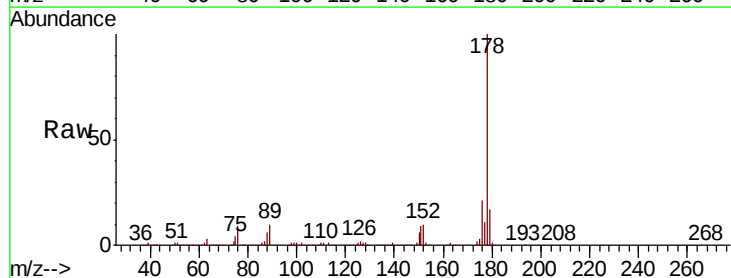
Tgt Ion:178 Resp: 2530477

Ion Ratio Lower Upper

178 100

176 20.9 16.1 24.1

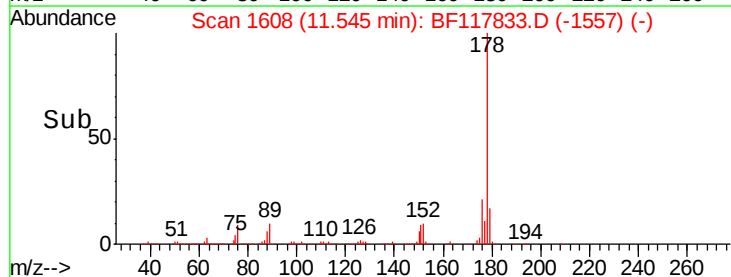
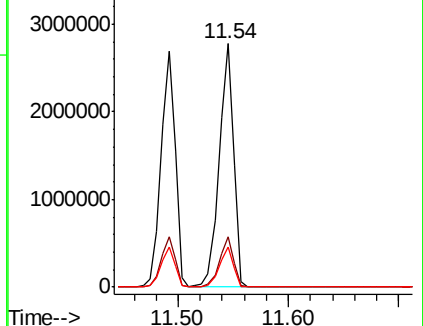
179 16.7 13.0 19.4

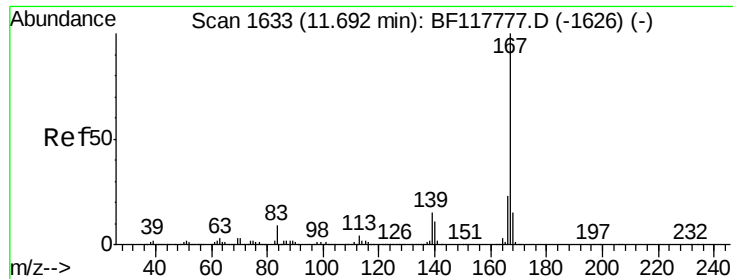


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

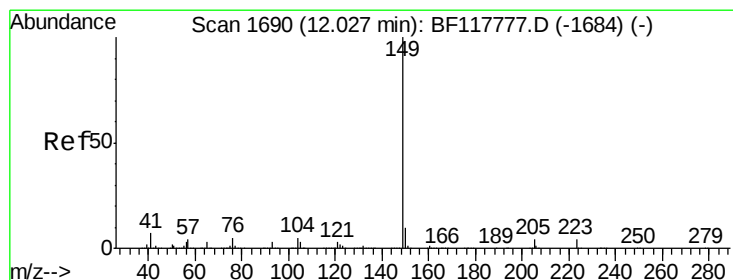
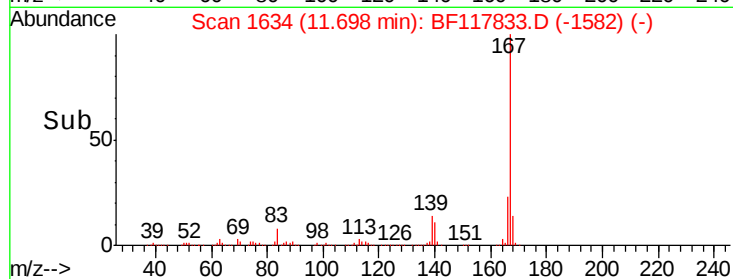
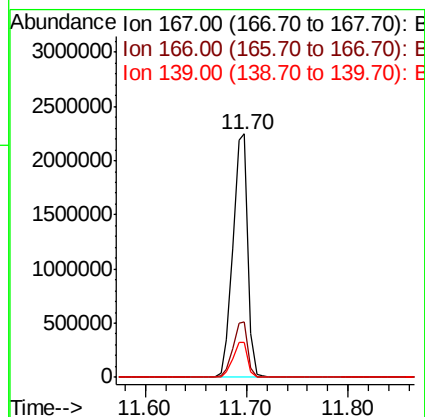
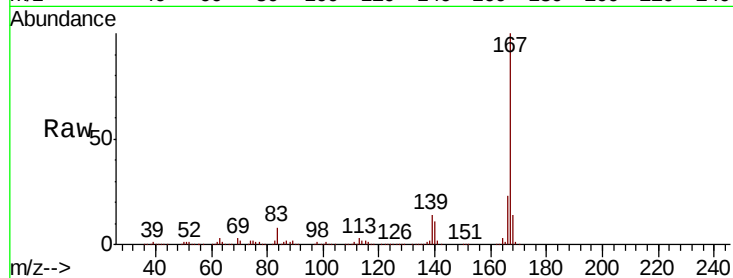




#73
 Carbazole
 Concen: 39.340 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

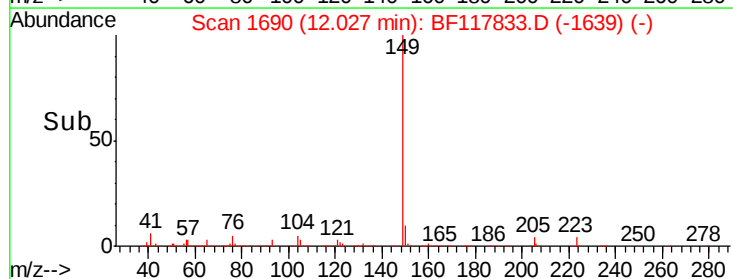
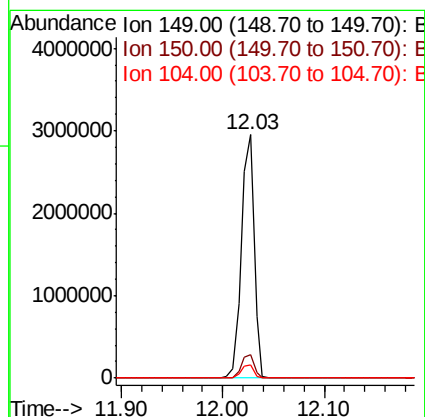
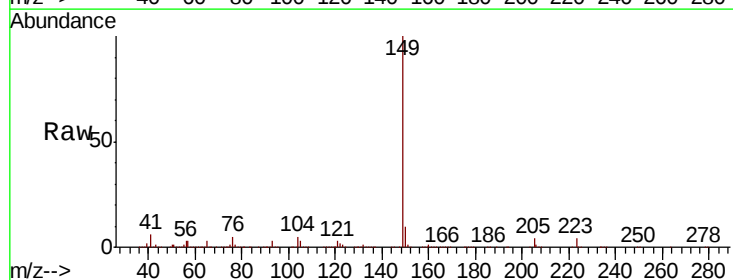
Instrument :
 BNA_F
 ClientSampleId :

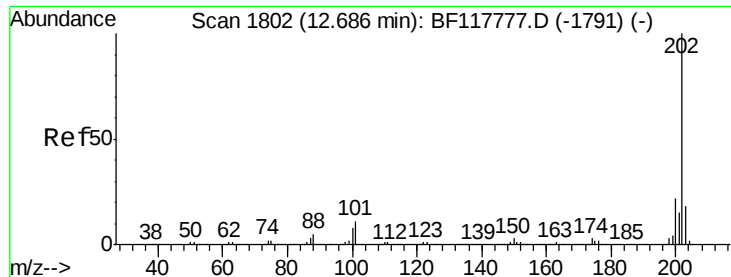
Tot Ion:167 Resp: 2298205
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.2 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 35.416 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:149 Resp: 2576058
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.9 11.9
 104 5.3 4.2 6.4

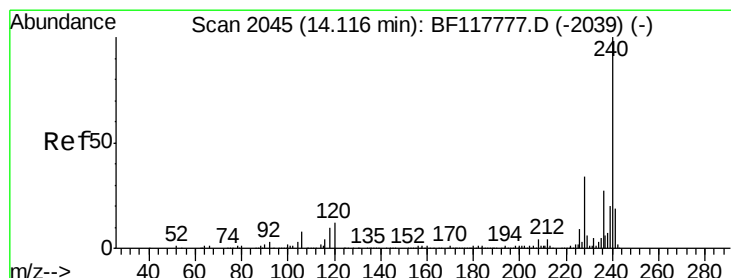
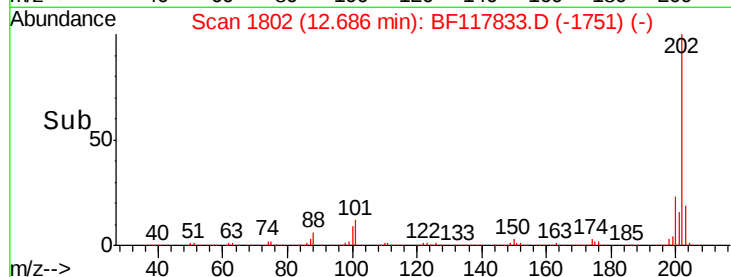
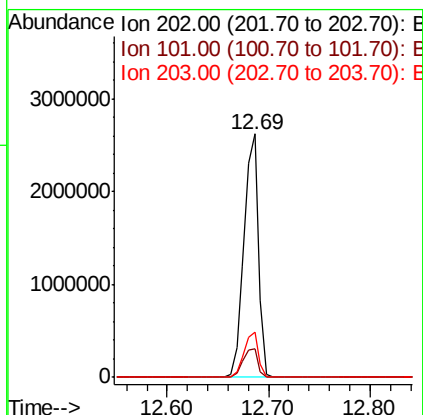
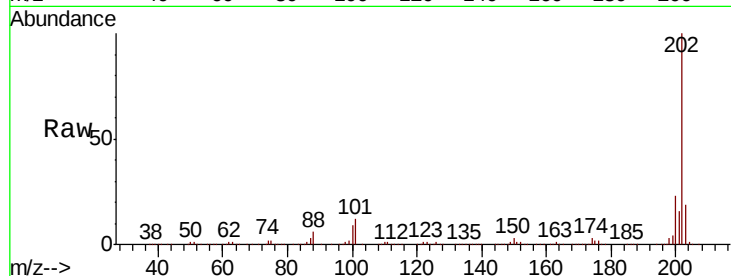




#75
 Fluoranthene
 Concen: 41.948 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

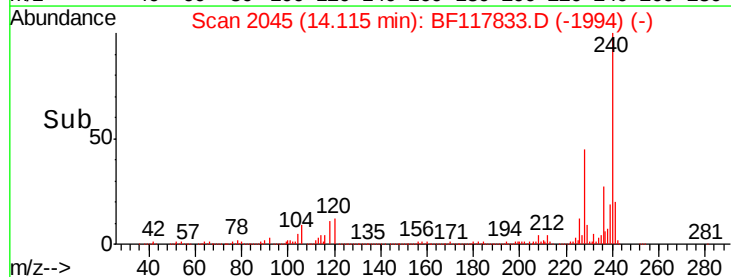
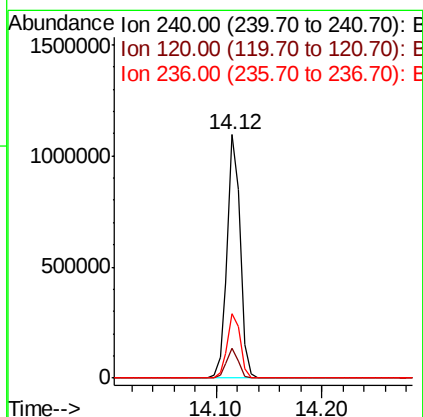
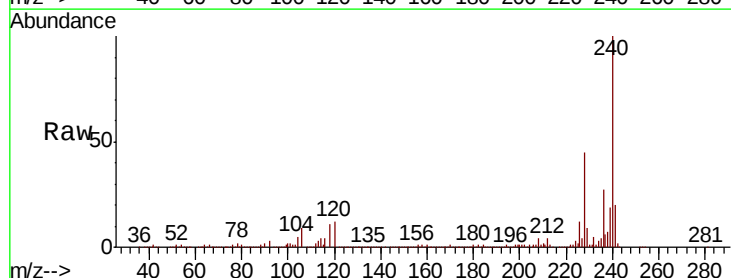
Instrument :
 BNA_F
 ClientSampleId :

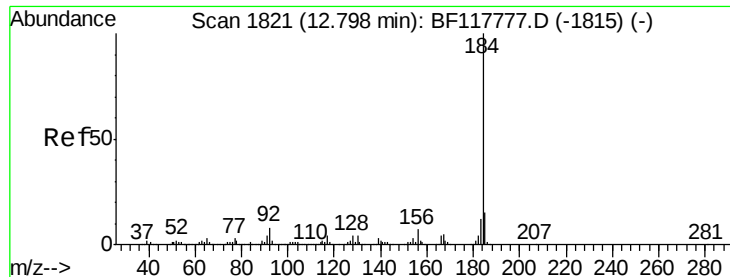
Tot Ion:202 Resp: 2606985
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.1
 203 18.6 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:240 Resp: 941915
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 26.7 21.3 31.9





#77

Benzidine

Concen: 22.586 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

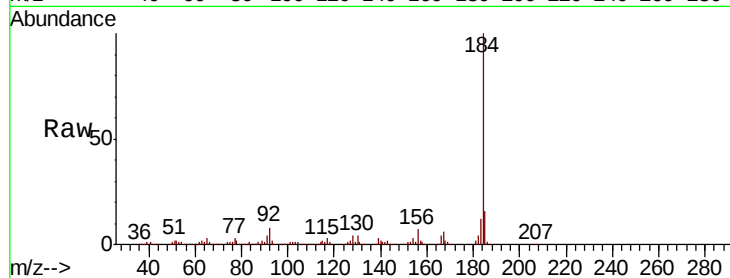
Tot Ion:184 Resp: 696859

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.4

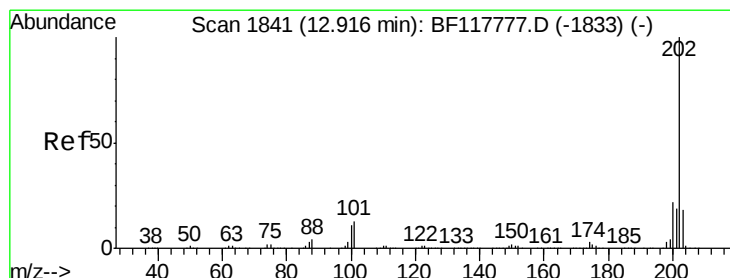
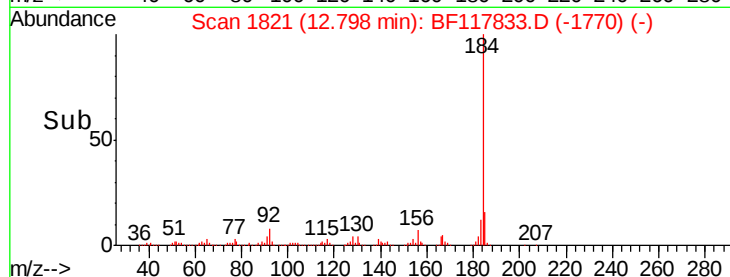
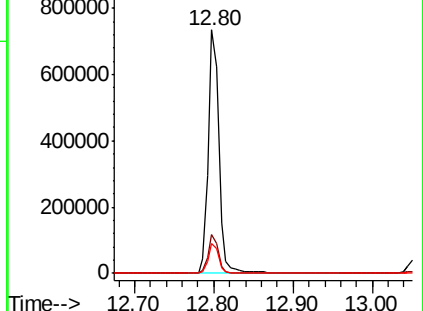
183 12.1 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.250 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

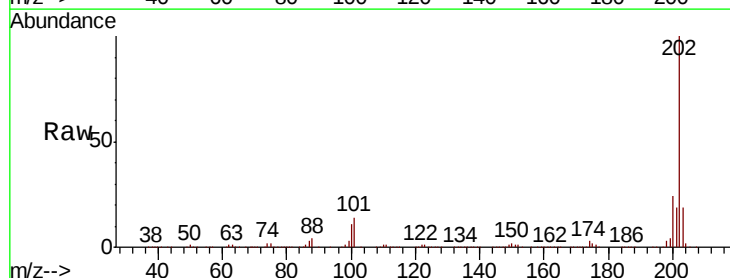
Tgt Ion:202 Resp: 2607185

Ion Ratio Lower Upper

202 100

200 23.7 17.8 26.8

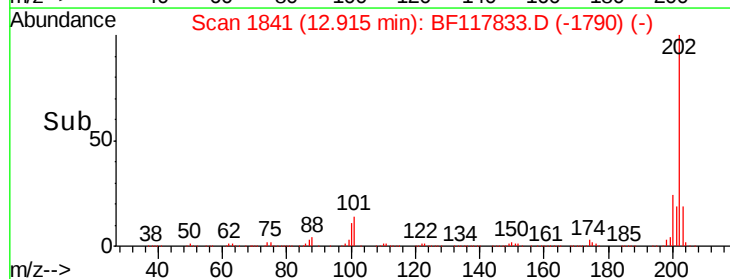
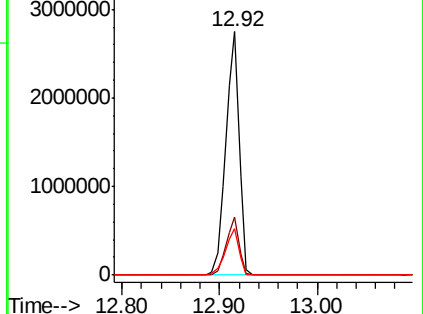
203 18.9 14.6 22.0

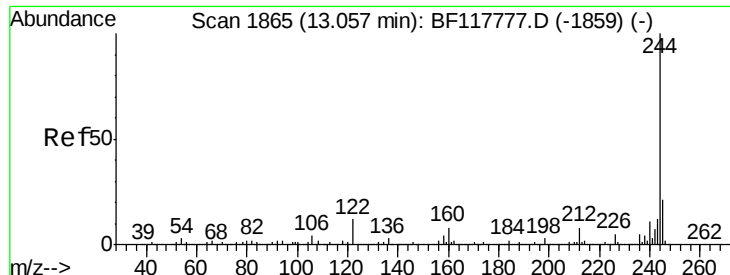


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

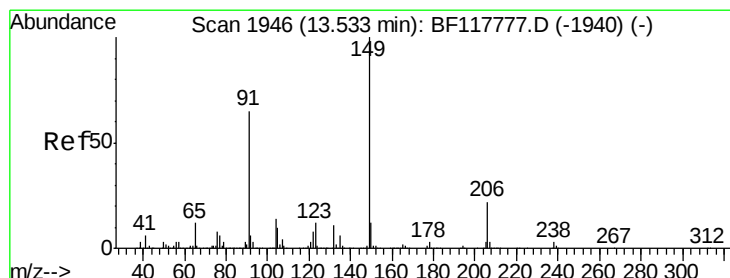
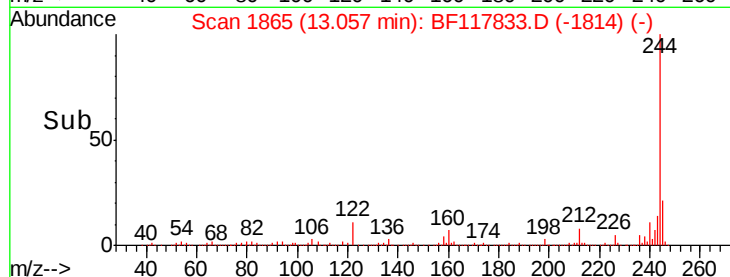
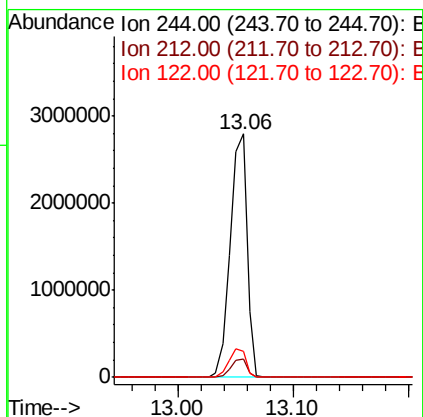
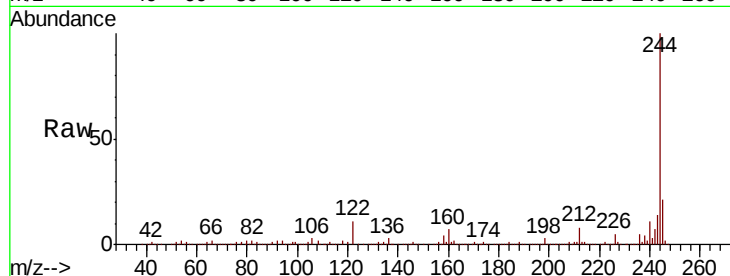




#79
 Terphenyl-d14
 Concen: 54.956 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

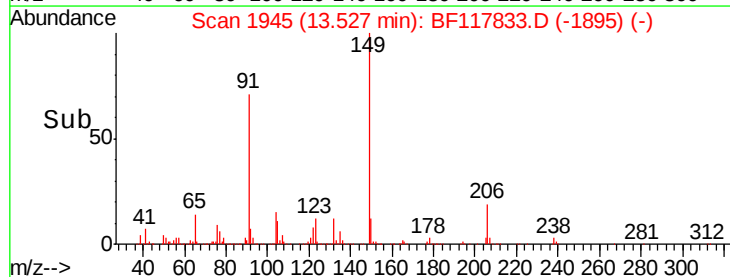
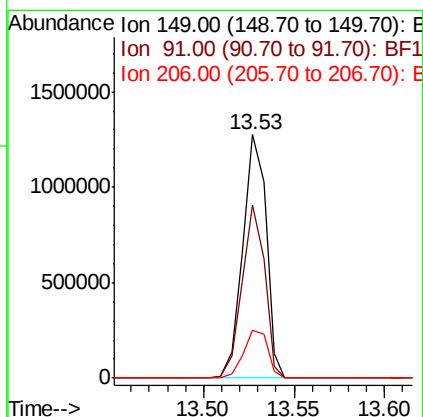
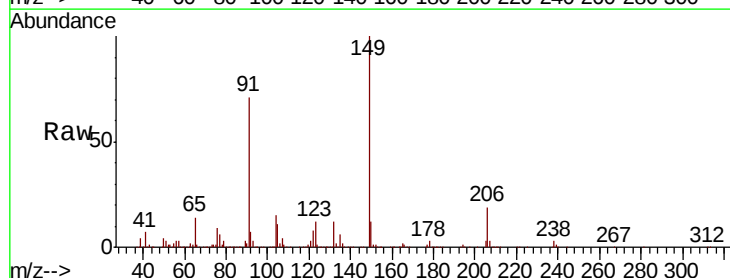
Instrument :
 BNA_F
 ClientSampleId :

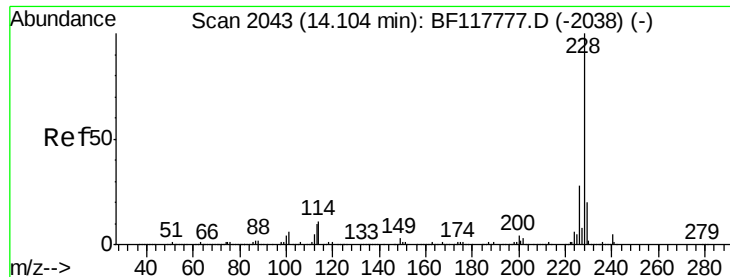
Tot Ion:244 Resp: 2832303
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 10.8 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 35.022 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:149 Resp: 1145005
 Ion Ratio Lower Upper
 149 100
 91 71.4 51.9 77.9
 206 19.4 17.2 25.8

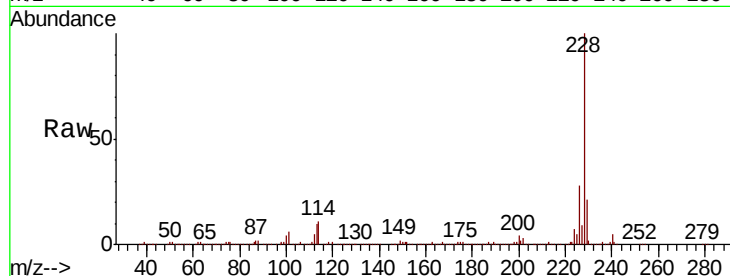




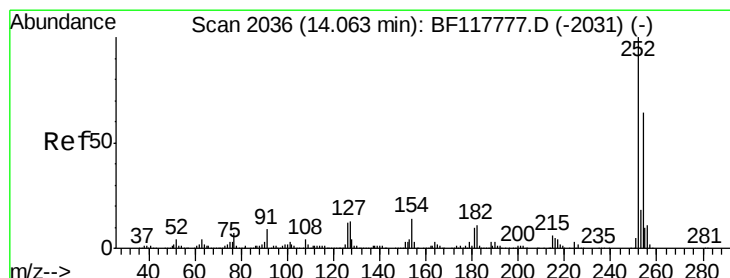
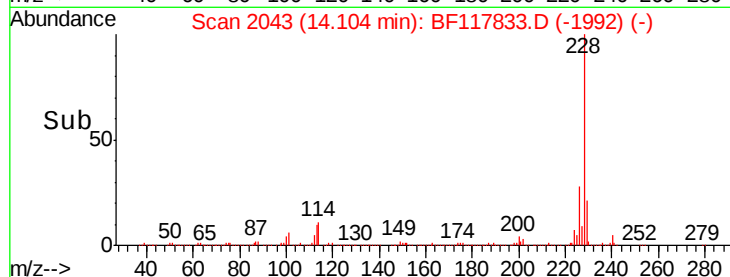
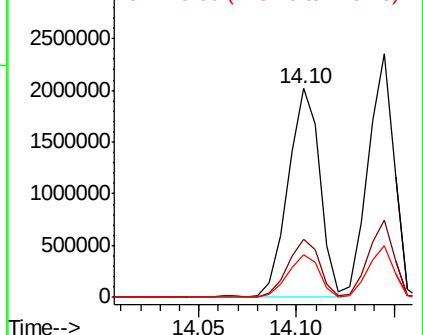
#81
Benzo(a)anthracene
Concen: 36.359 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2263093
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 20.6 15.9 23.9

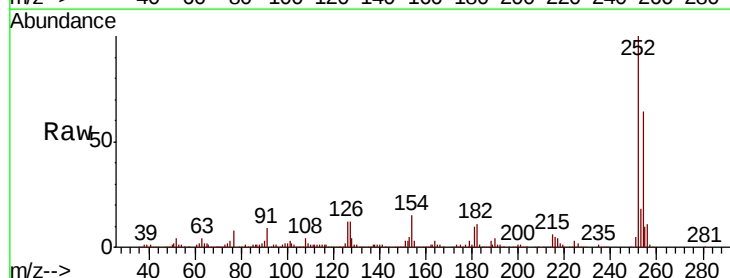


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

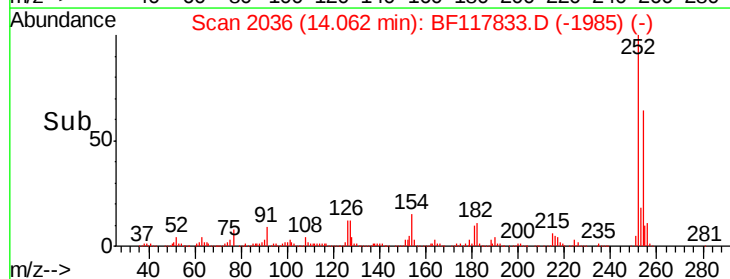
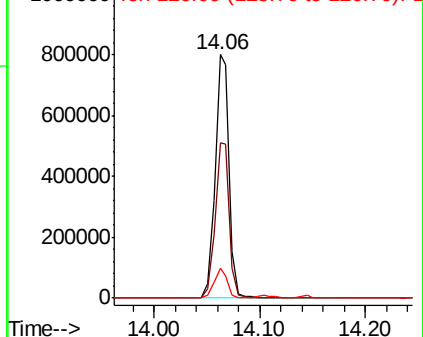


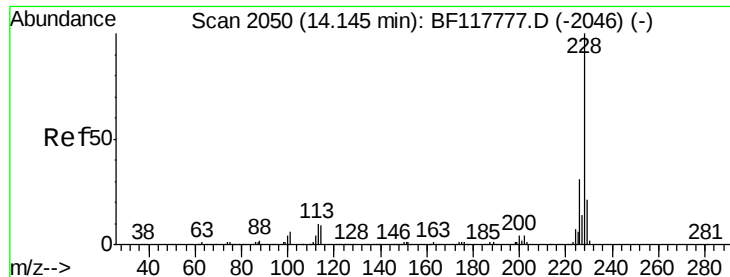
#82
3,3'-Dichlorobenzidine
Concen: 34.665 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:252 Resp: 754737
Ion Ratio Lower Upper
252 100
254 63.5 51.0 76.6
126 12.2 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

Chrysene

Concen: 36.108 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

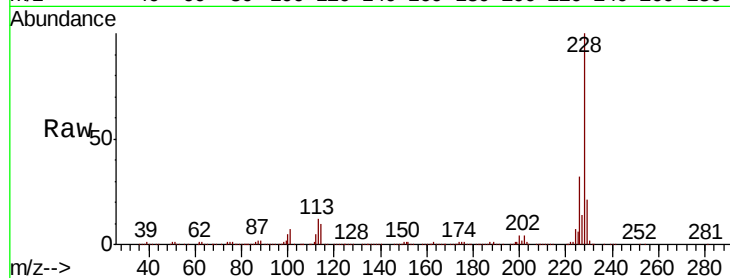
Tot Ion:228 Resp: 2177834

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.4

229 21.0 16.6 25.0

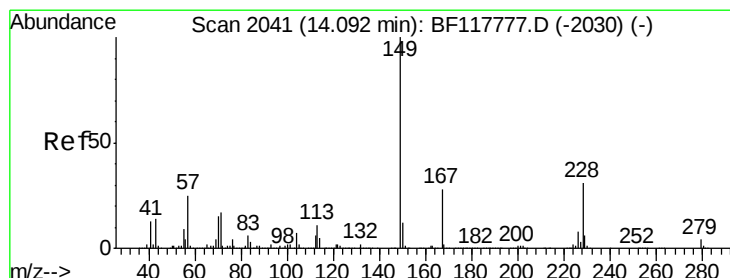
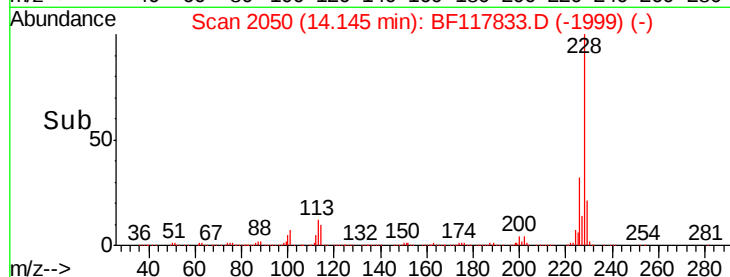
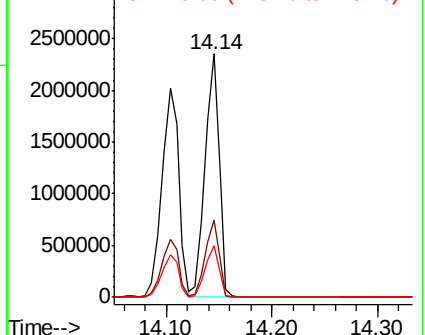


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.843 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

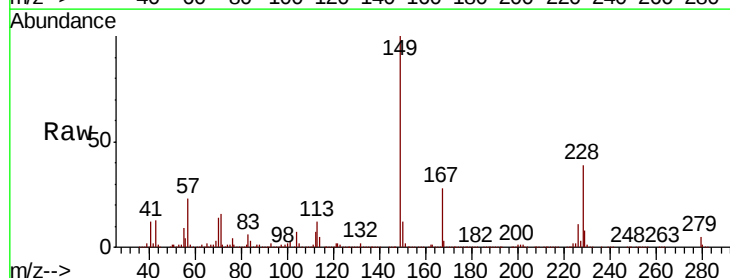
Tgt Ion:149 Resp: 1460328

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.8 3.4 5.2

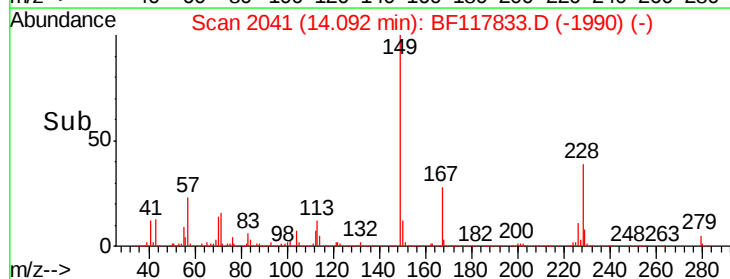
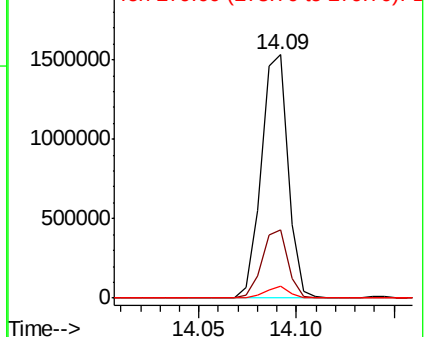


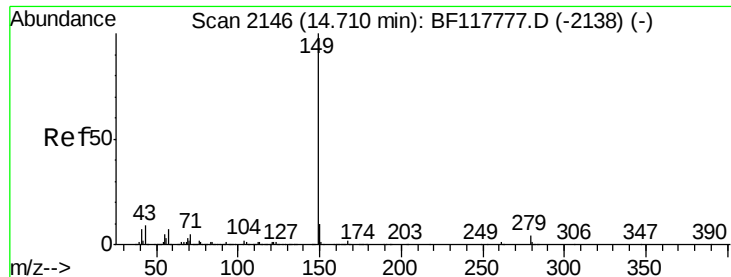
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

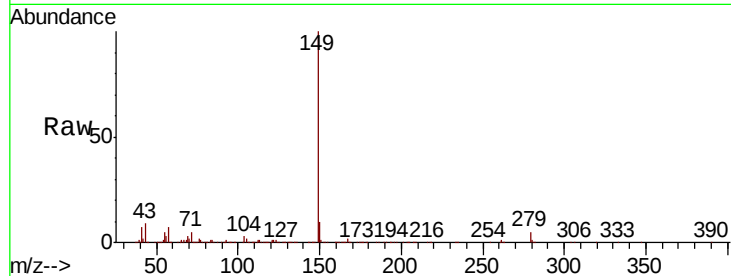




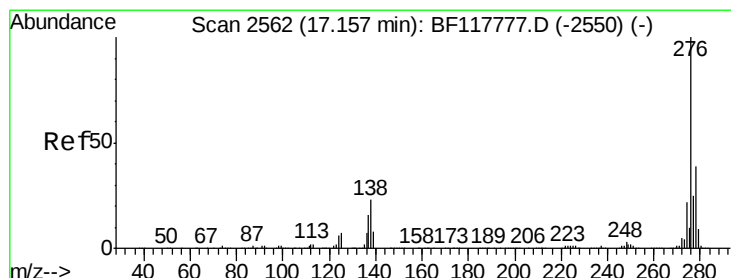
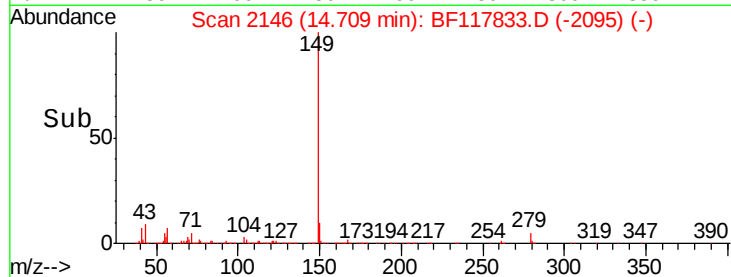
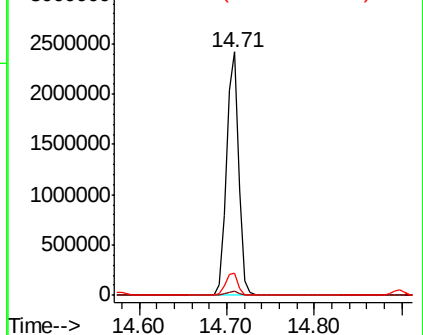
#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2340449
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 7.4 11.2

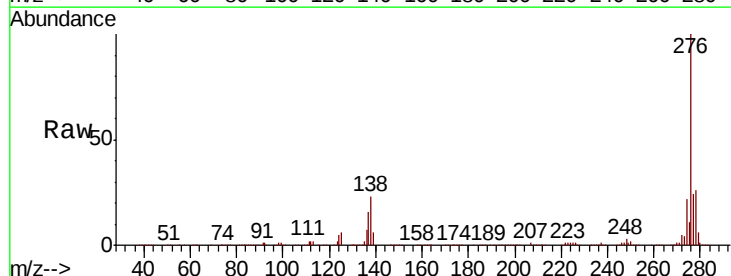


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

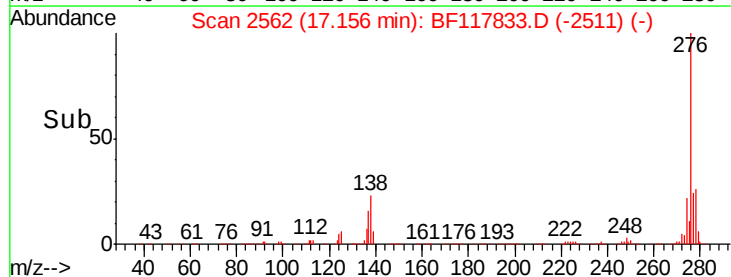
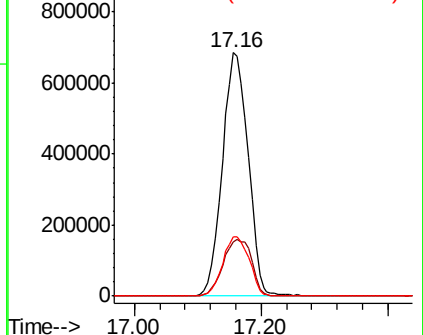


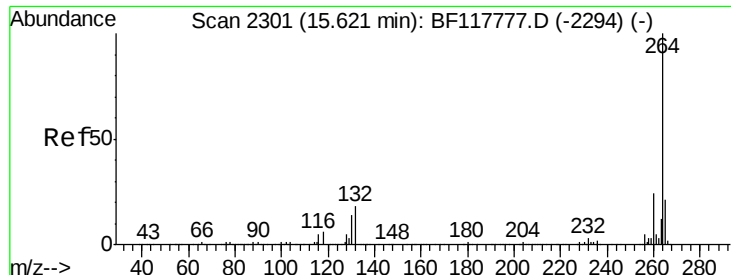
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.720 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:276 Resp: 1936291
Ion Ratio Lower Upper
276 100
138 25.9 20.9 31.3
277 25.4 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

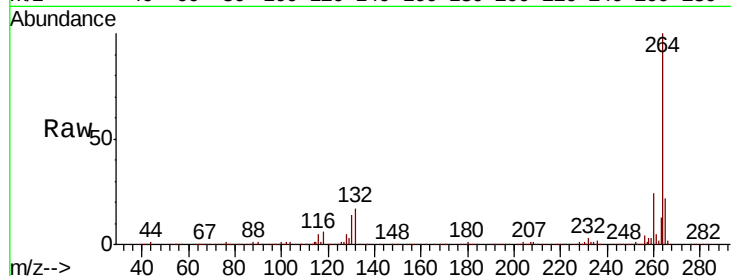
Tot Ion:264 Resp: 723270

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

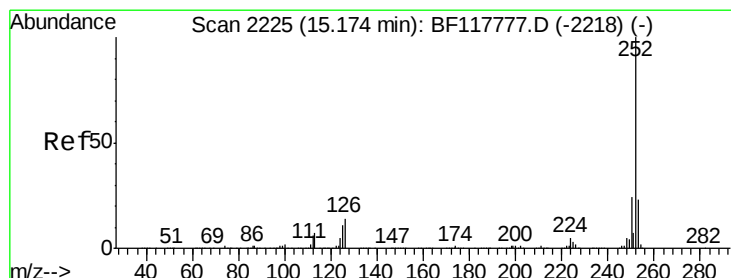
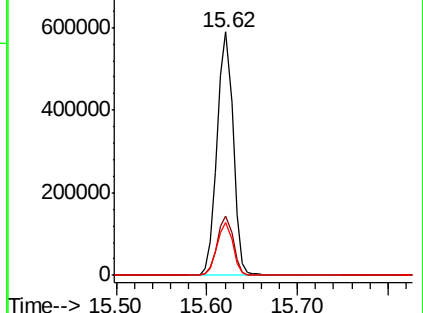
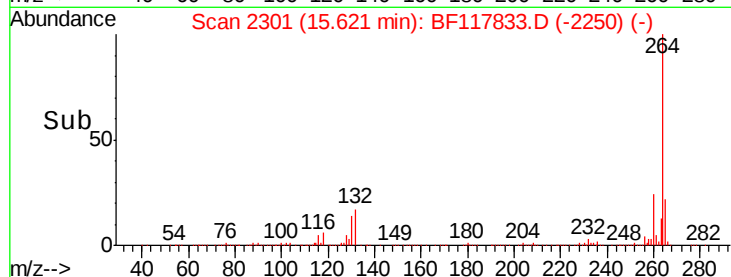
265 21.7 17.1 25.7



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: 43.776 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

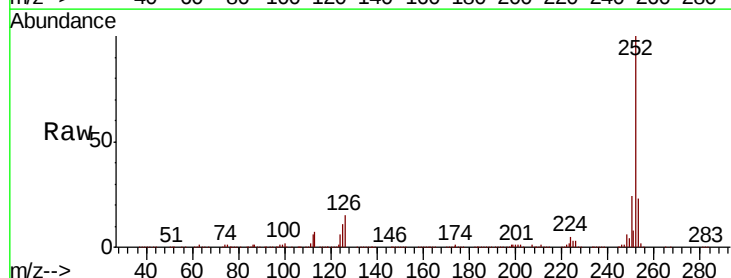
Tgt Ion:252 Resp: 2057101

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

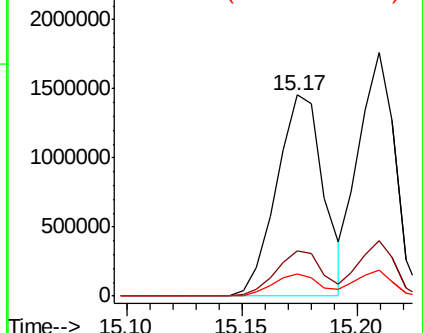
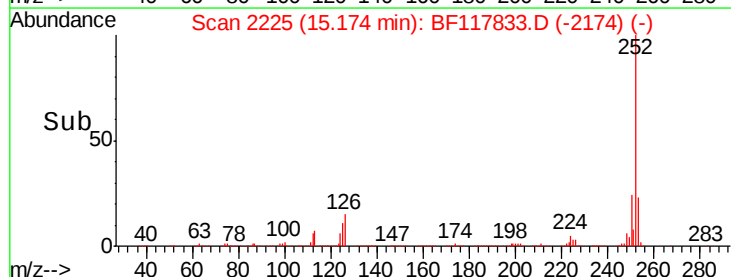
125 11.2 8.6 13.0

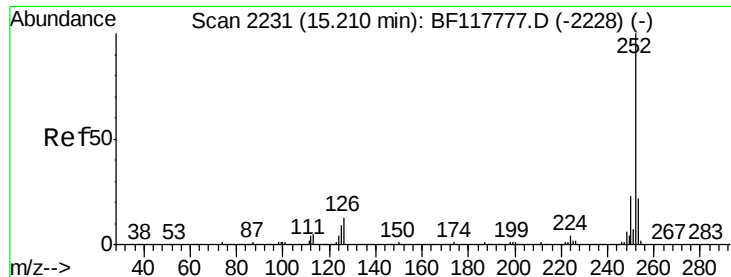


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

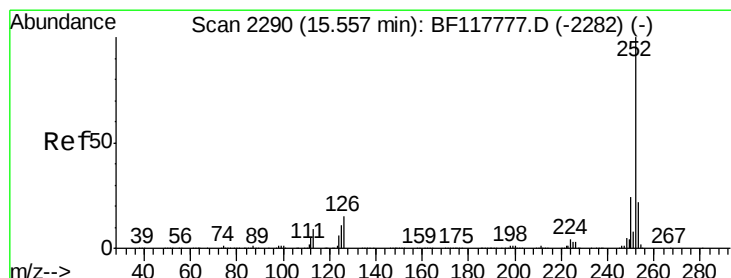
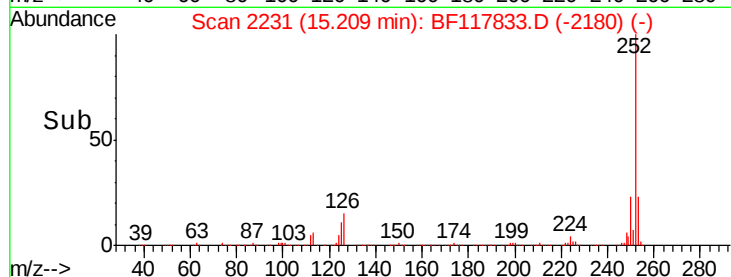
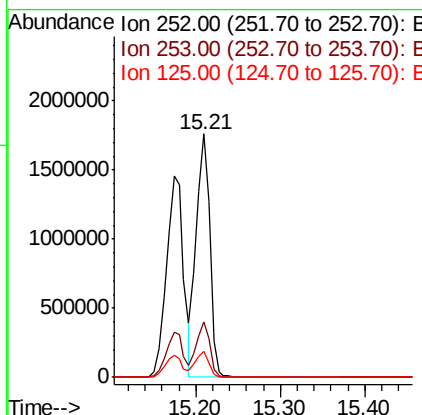
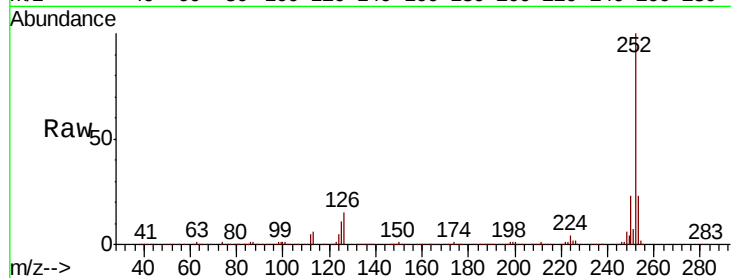




#89
Benzo(k)fluoranthene
Concen: 43.863 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

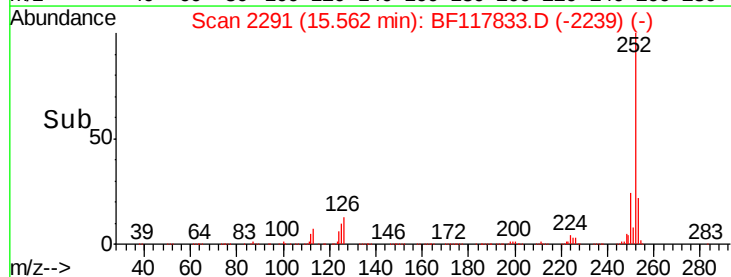
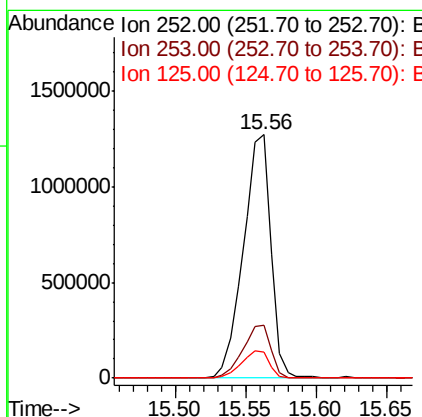
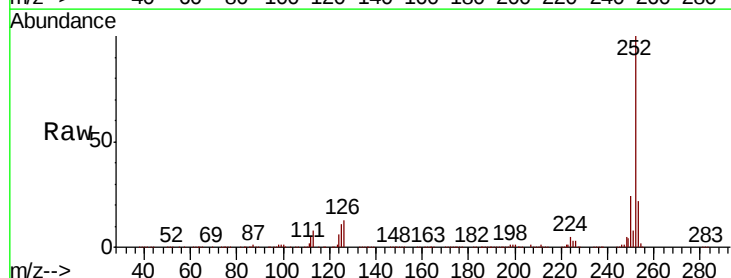
Instrument :
BNA_F
ClientSampleId :

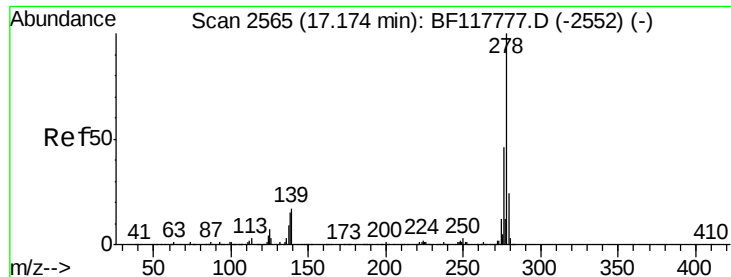
Tot Ion:252 Resp: 1942085
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 42.233 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:252 Resp: 1745111
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.7 9.2 13.8

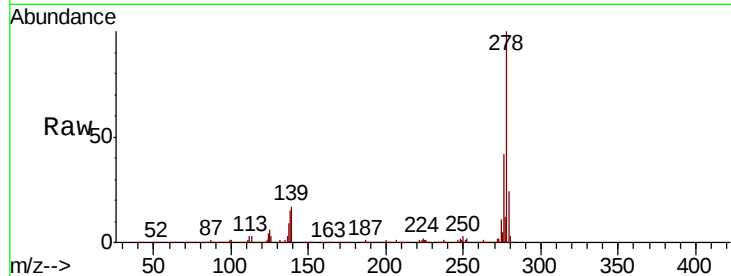




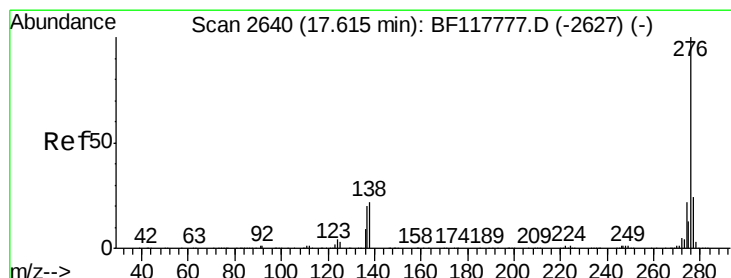
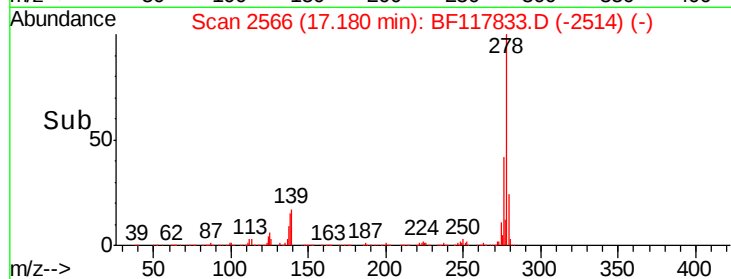
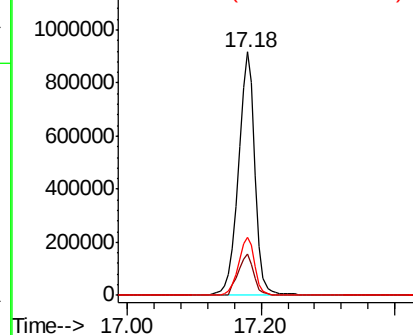
#91
Dibenzo(a,h)anthracene
Concen: 45.042 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1601980
Ion Ratio Lower Upper
278 100
139 17.2 13.8 20.8
279 24.1 19.6 29.4

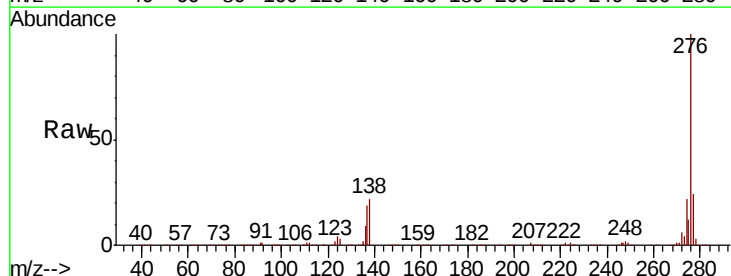


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.717 ng
RT: 17.63 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:276 Resp: 1619509
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 22.4 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

