

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117963.D
 Acq On : 23 Nov 2019 18:15
 Operator : JU
 Sample : K5951-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:52:57 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	6.90	152	136085	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	440183	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	236218	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	474533	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	369314	20.00	ng	-0.02
87) Perylene-d12	15.59	264	373163	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	958716	124.70	ng	-0.01
7) Phenol-d6	6.53	99	1227456	132.37	ng	-0.01
23) Nitrobenzene-d5	7.47	82	756304	102.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	359918	143.92	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1237229	93.97	ng	-0.02
79) Terphenyl-d14	13.04	244	1522746	75.36	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	120909	33.645	ng	96
3) Pyridine	3.48	79	282620	29.981	ng	98
4) n-Nitrosodimethylamine	3.43	42	153988	37.421	ng	98
6) Aniline	6.56	93	338723	27.642	ng	99
8) 2-Chlorophenol	6.69	128	382601	45.864	ng	97
9) Benzaldehyde	6.45	77	166452	24.563	ng	98
10) Phenol	6.55	94	483172	50.143	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	330377	42.695	ng	97
12) 1,3-Dichlorobenzene	6.85	146	420619	42.828	ng	99
13) 1,4-Dichlorobenzene	6.92	146	424228	42.734	ng	99
14) 1,2-Dichlorobenzene	7.07	146	356872	37.588	ng	100
15) Benzyl Alcohol	7.05	79	297242	41.519	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	409421	34.366	ng	98
17) 2-Methylphenol	7.15	107	291835	41.310	ng	99
18) Hexachloroethane	7.42	117	153818	42.179	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	244951	42.819	ng	97
20) 3+4-Methylphenols	7.30	107	390069	44.481	ng	# 88
22) Acetophenone	7.31	105	511289	51.700	ng	96
24) Nitrobenzene	7.49	77	403106	52.770	ng	99
25) Isophorone	7.73	82	602652	44.405	ng	98
26) 2-Nitrophenol	7.80	139	182887	49.188	ng	96
27) 2,4-Dimethylphenol	7.84	122	291021	50.371	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	354821	41.199	ng	99
29) 2,4-Dichlorophenol	8.05	162	281403	44.903	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	304132	41.838	ng	99
31) Naphthalene	8.22	128	953019	46.441	ng	98
32) Benzoic acid	7.96	122	216459	44.745	ng	97
33) 4-Chloroaniline	8.26	127	130322	14.186	ng	97
34) Hexachlorobutadiene	8.33	225	173085	40.725	ng	100
35) Caprolactam	8.63	113	64901	32.585	ng	# 86
36) 4-Chloro-3-methylphenol	8.75	107	296940	46.688	ng	100
37) 2-Methylnaphthalene	8.91	142	646950	46.660	ng	98
38) 1-Methylnaphthalene	9.01	142	612253	46.708	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	284866	41.526	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	354084	92.105	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	209267	42.590	ng	100
44) 2,4,5-Trichlorophenol	9.23	196	219086	42.944	ng	96
46) 1,1'-Biphenyl	9.37	154	783419	44.702	ng	98
47) 2-Chloronaphthalene	9.40	162	610845	42.369	ng	99
48) 2-Nitroaniline	9.49	65	182323	41.888	ng	94
49) Acenaphthylene	9.82	152	992523	47.219	ng	99
50) Dimethylphthalate	9.67	163	937608	56.603	ng	98
51) 2,6-Dinitrotoluene	9.73	165	164011	45.304	ng	97
52) Acenaphthene	9.99	154	692246	51.411	ng	97
53) 3-Nitroaniline	9.90	138	96201	22.208	ng	93
54) 2,4-Dinitrophenol	10.01	184	178816	94.673	ng	# 83
55) Dibenzofuran	10.16	168	872203	46.778	ng	99
56) 4-Nitrophenol	10.07	139	308038	95.265	ng	92
57) 2,4-Dinitrotoluene	10.14	165	227782	49.462	ng	99
58) Fluorene	10.50	166	674627	46.690	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	186632	44.524	ng	97
60) Diethylphthalate	10.37	149	733089	45.394	ng	100
61) 4-Chlorophenyl-phenylether	10.50	204	332340	45.323	ng	99
62) 4-Nitroaniline	10.52	138	181142	41.763	ng	97
63) Azobenzene	10.66	77	667056	45.402	ng	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	124162	56.048	ng	94
66) n-Nitrosodiphenylamine	10.62	169	602543	43.630	ng	99
67) 4-Bromophenyl-phenylether	10.99	248	210810	41.173	ng	91
68) Hexachlorobenzene	11.06	284	245235	41.076	ng	97
69) Atrazine	11.15	200	208953	45.995	ng	99
70) Pentachlorophenol	11.25	266	285662	81.897	ng	98
71) Phenanthrene	11.47	178	1062038	44.515	ng	98
72) Anthracene	11.53	178	1102066	46.590	ng	98
73) Carbazole	11.68	167	976858	47.258	ng	98
74) Di-n-butylphthalate	12.00	149	1178226	45.780	ng	99
75) Fluoranthene	12.67	202	1138306	53.879	ng	98
77) Benzidine	12.79	184	512504	42.366	ng	98
78) Pyrene	12.90	202	1171374	39.247	ng	99
80) Butylbenzylphthalate	13.51	149	530069	41.350	ng	96
81) Benzo(a)anthracene	14.09	228	1078855	44.207	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	254183	29.776	ng	99
83) Chrysene	14.13	228	1018935	43.087	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	723342	46.544	ng	99
85) Di-n-octyl phthalate	14.69	149	1244031	54.488	ng	98
86) Indeno(1,2,3-cd)pyrene	17.12	276	950151	47.208	ng	99
88) Benzo(b)fluoranthene	15.15	252	1042432	42.997	ng	99
89) Benzo(k)fluoranthene	15.19	252	944499	41.346	ng	99
90) Benzo(a)pyrene	15.53	252	885089	41.516	ng	100
91) Dibenzo(a,h)anthracene	17.14	278	793786	43.258	ng	98
92) Benzo(g,h,i)perylene	17.59	276	797312	43.624	ng	99

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

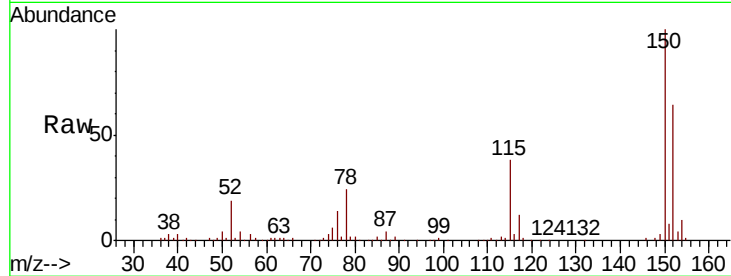


#1

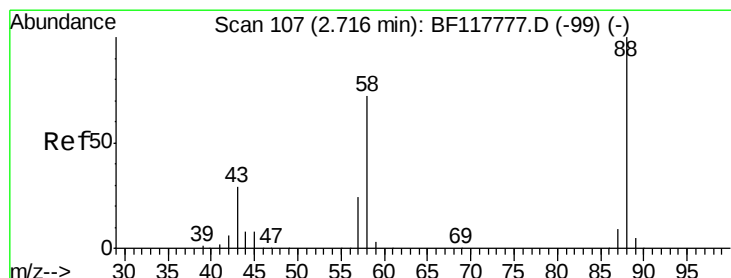
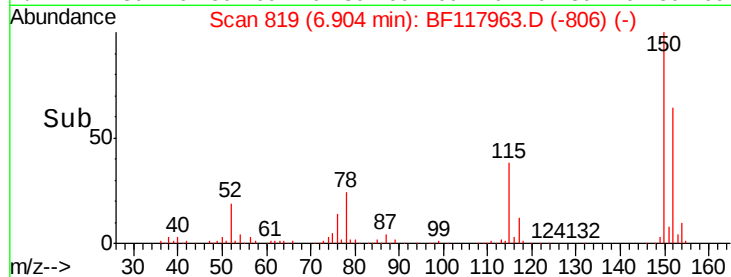
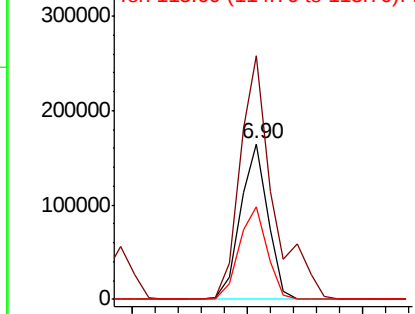
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136085
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 59.5 47.0 70.4



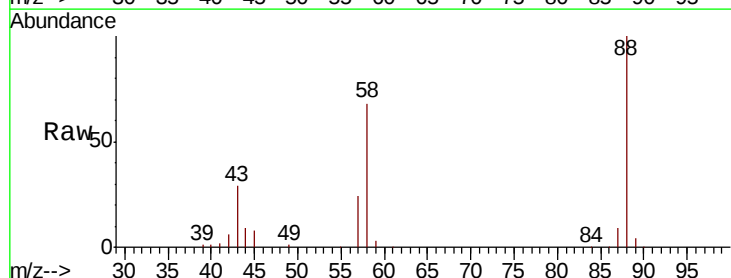
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



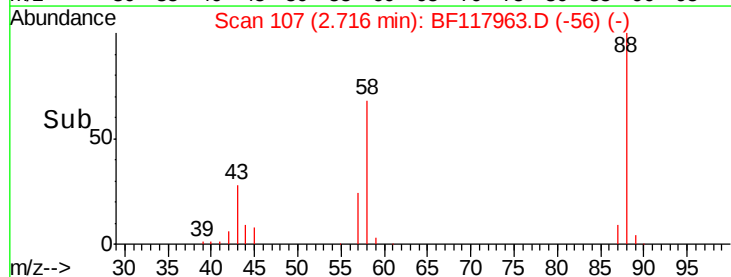
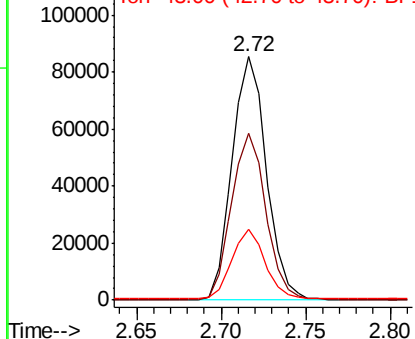
#2

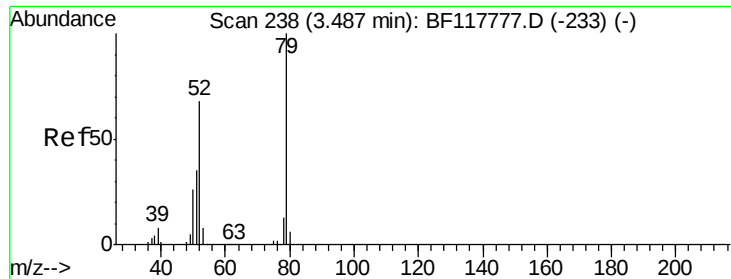
1,4-Dioxane
Concen: 33.645 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion: 88 Resp: 120909
Ion Ratio Lower Upper
88 100
58 68.7 58.2 87.2
43 27.7 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: 29.981 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

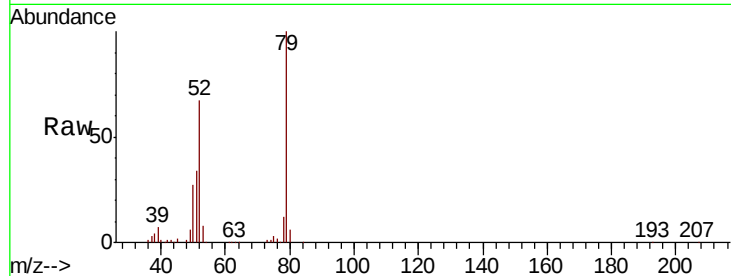
Tot Ion: 79 Resp: 282620

Ion Ratio Lower Upper

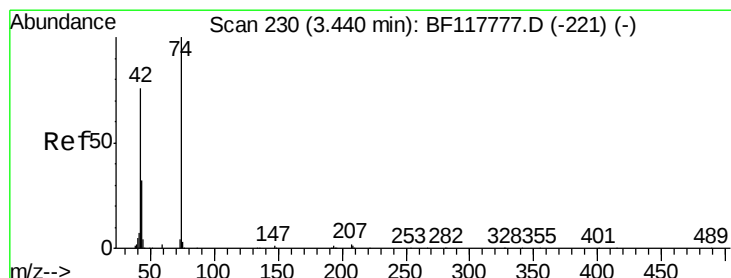
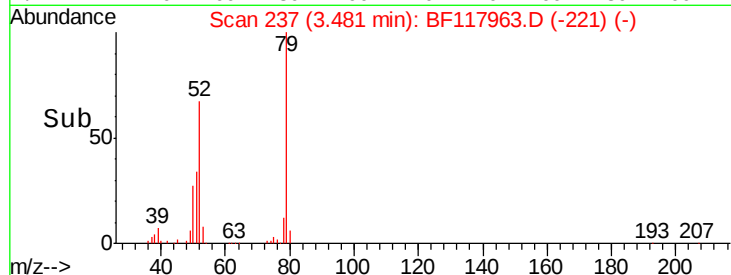
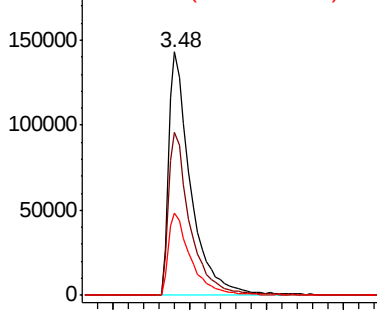
79 100

52 66.8 54.8 82.2

51 33.8 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: 37.421 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

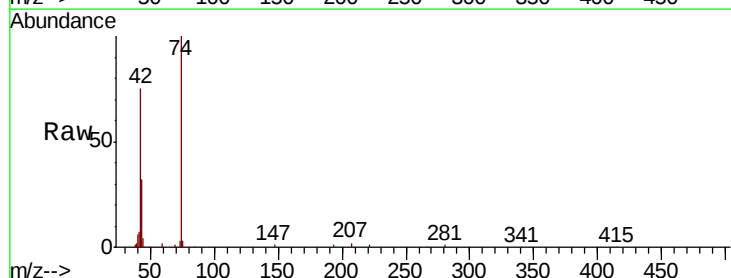
Tgt Ion: 42 Resp: 153988

Ion Ratio Lower Upper

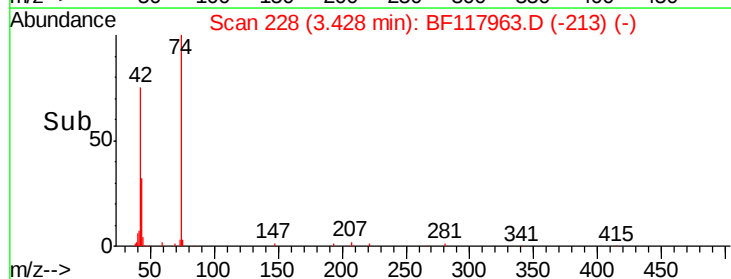
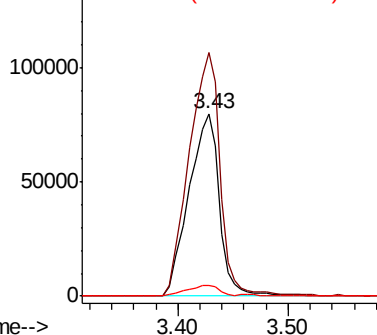
42 100

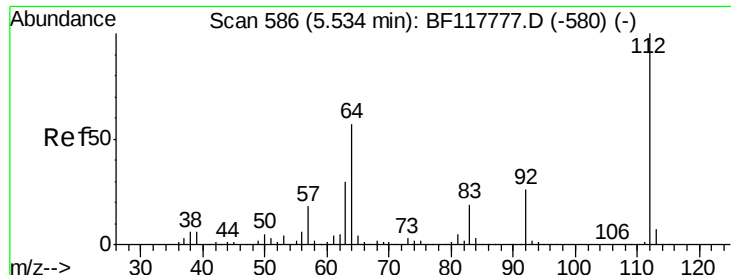
74 133.6 105.1 157.7

44 5.9 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: 124.704 ng

RT: 5.52 min Scan# 584

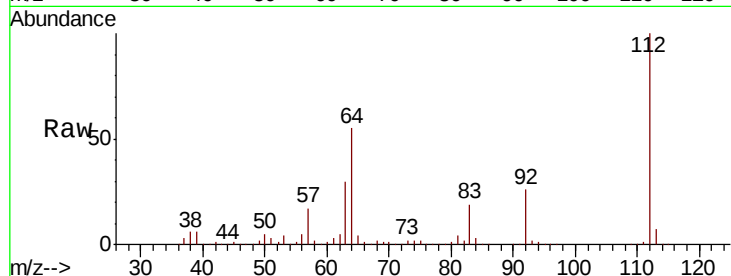
Delta R.T. -0.01 min

Lab File: BF117963.D

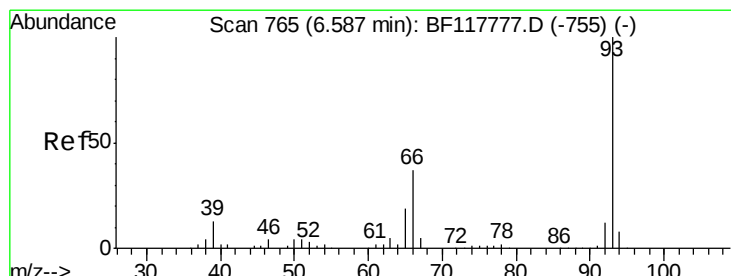
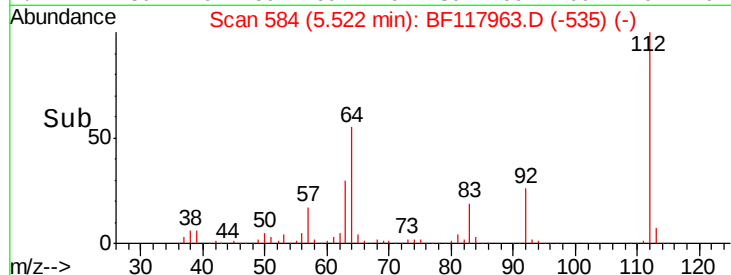
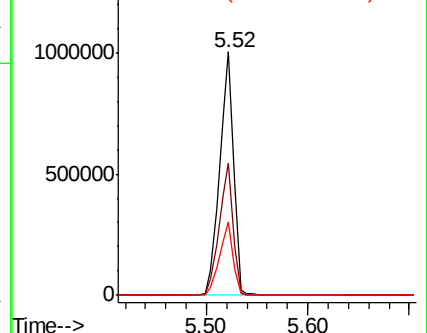
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	958716
Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.6	68.4
63	30.1	24.1	36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.642 ng

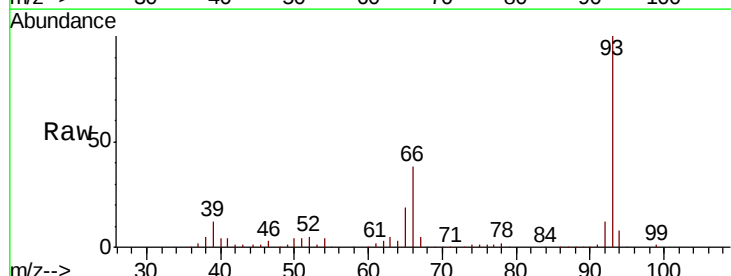
RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

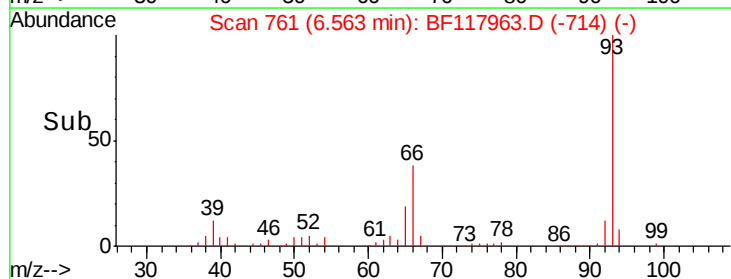
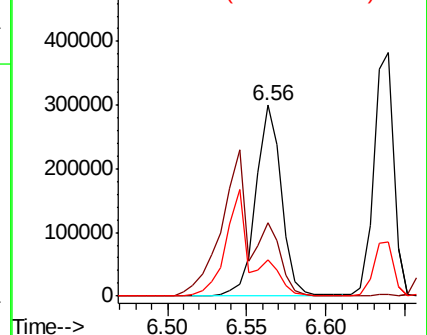
Lab File: BF117963.D

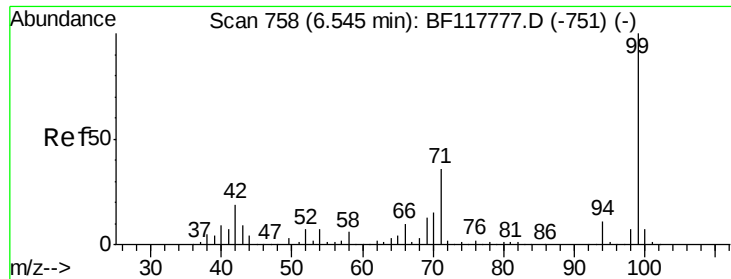
Acq: 23 Nov 2019 18:15

Tgt Ion:	93	Resp:	338723
Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.6	45.8
65	18.8	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: 132.370 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

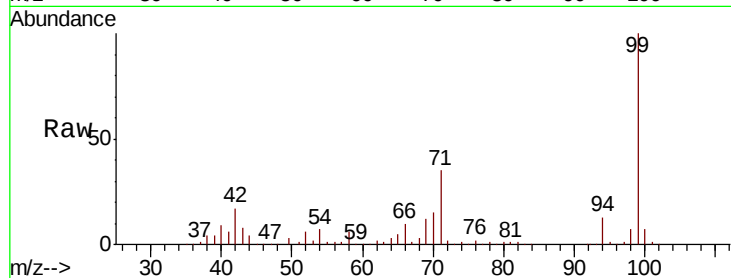
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1227456

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	35.3	28.6	43.0

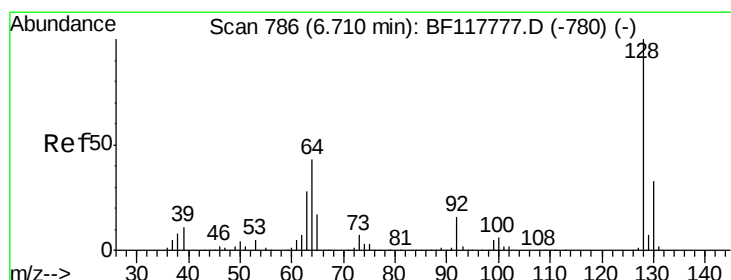
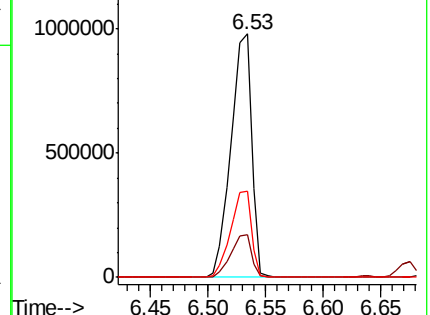
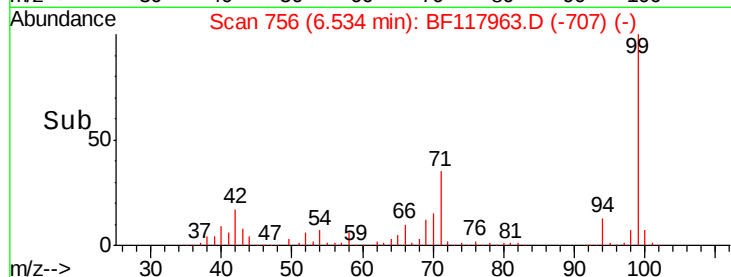


Abundance

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: 45.864 ng

RT: 6.69 min Scan# 782

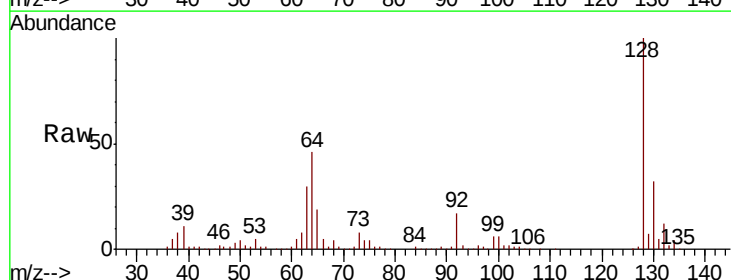
Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Tgt Ion: 128 Resp: 382601

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.2	53.2
64	46.0	23.7	63.7

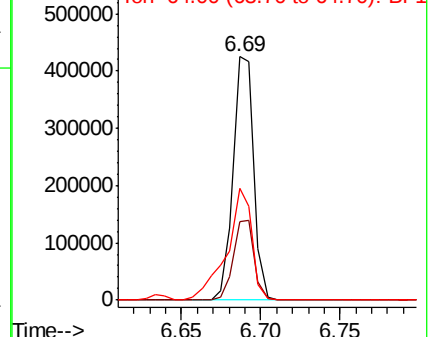
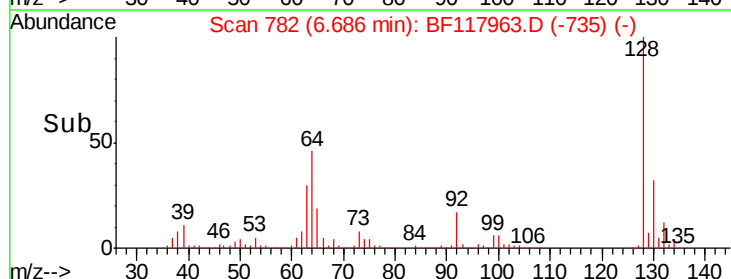


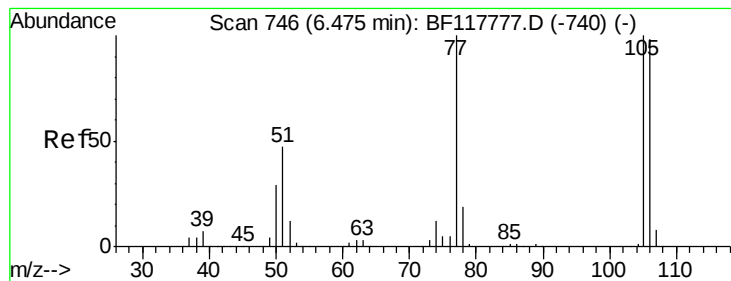
Abundance

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: 24.563 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

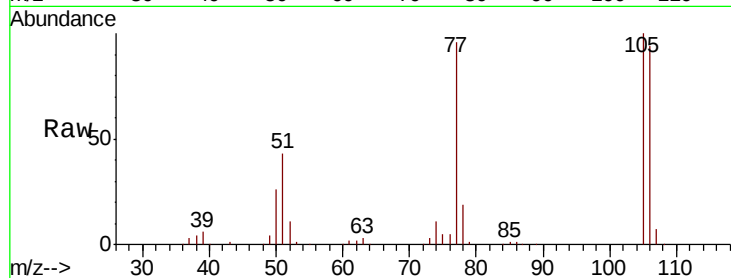
Tot Ion: 77 Resp: 166452

Ion Ratio Lower Upper

77 100

105 104.0 80.2 120.2

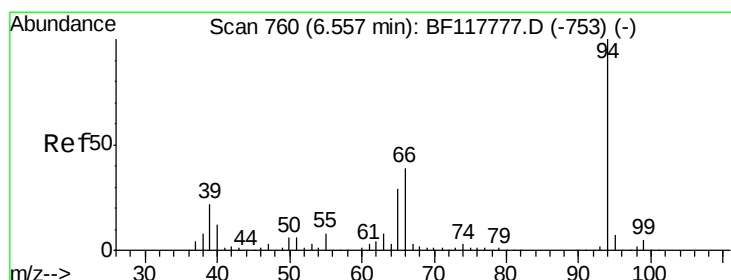
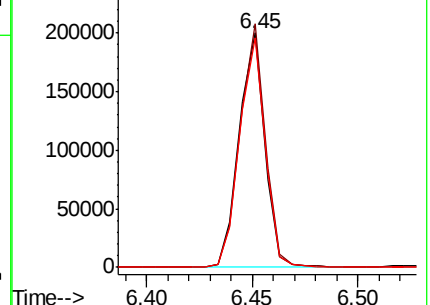
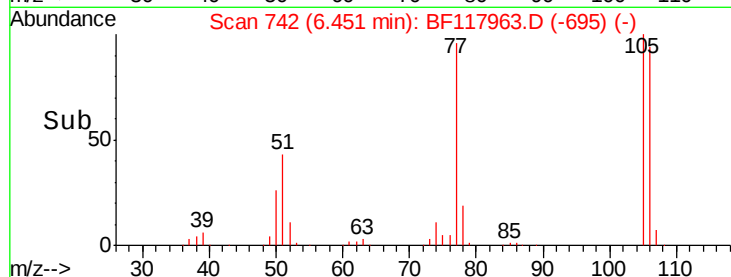
106 98.1 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.143 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

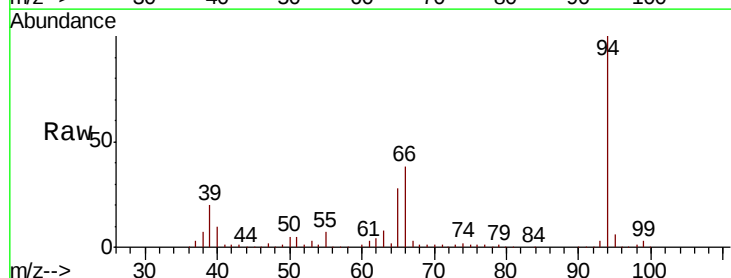
Tgt Ion: 94 Resp: 483172

Ion Ratio Lower Upper

94 100

65 27.5 8.9 48.9

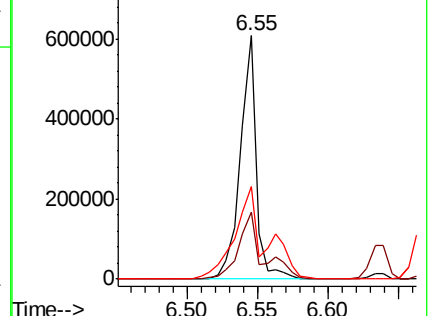
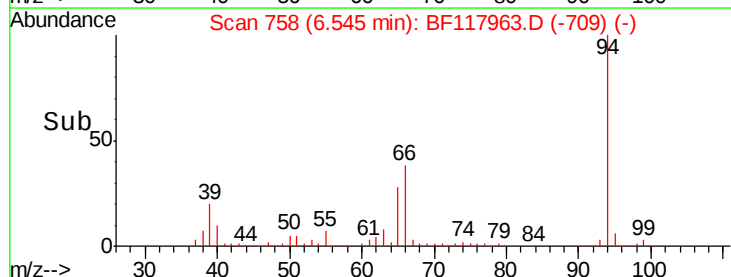
66 37.8 18.7 58.7

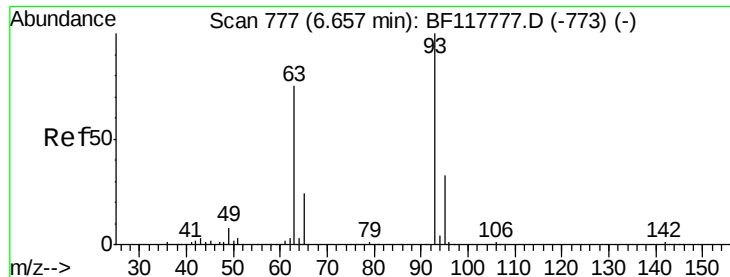


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.695 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

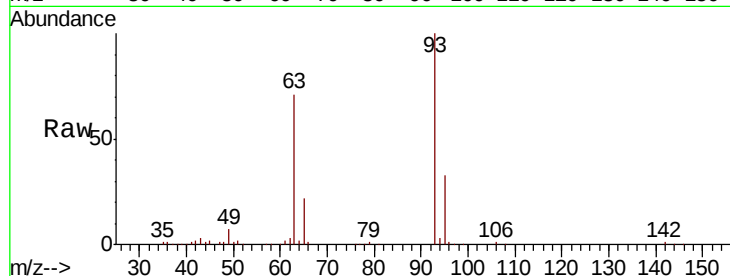
Tot Ion: 93 Resp: 330377

Ion Ratio Lower Upper

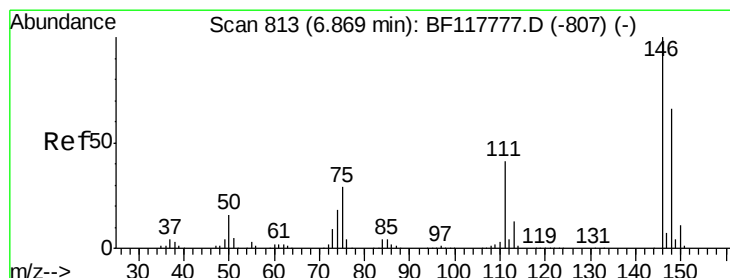
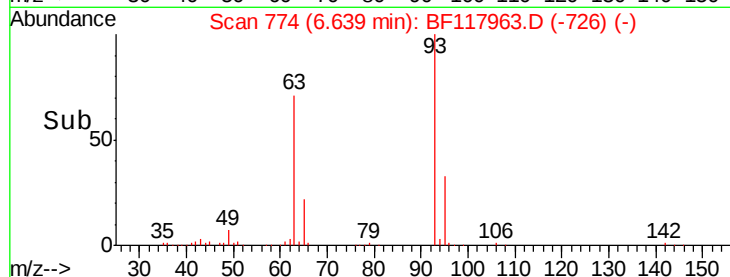
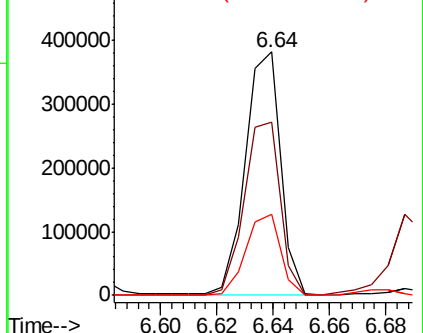
93 100

63 71.2 54.8 94.8

95 33.3 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 42.828 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

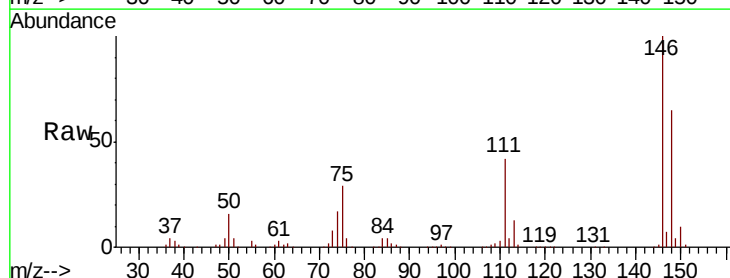
Tgt Ion: 146 Resp: 420619

Ion Ratio Lower Upper

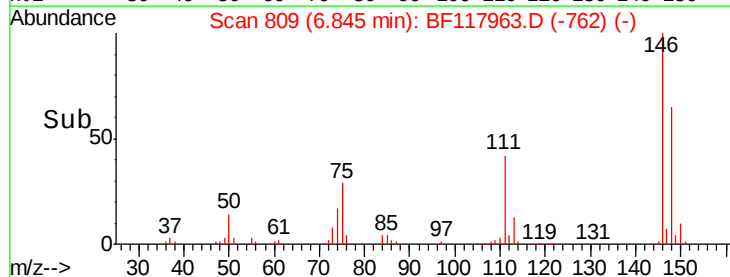
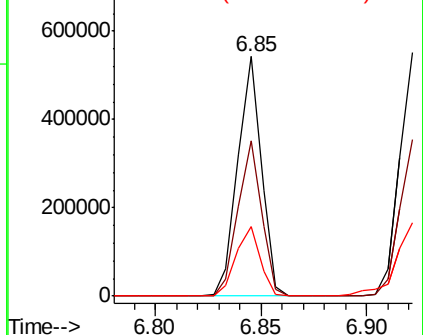
146 100

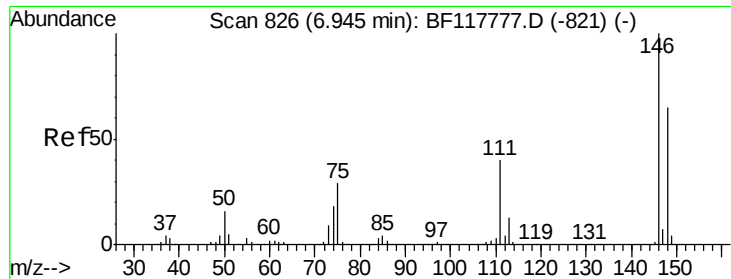
148 64.9 52.8 79.2

75 28.8 23.4 35.0



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

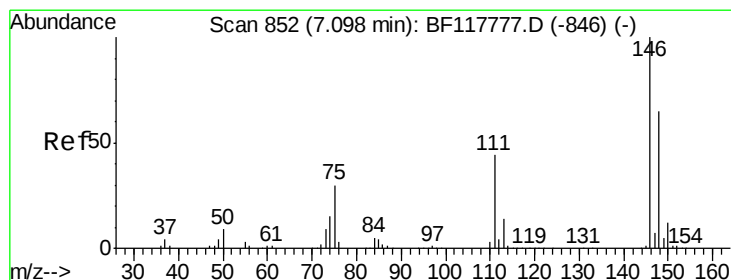
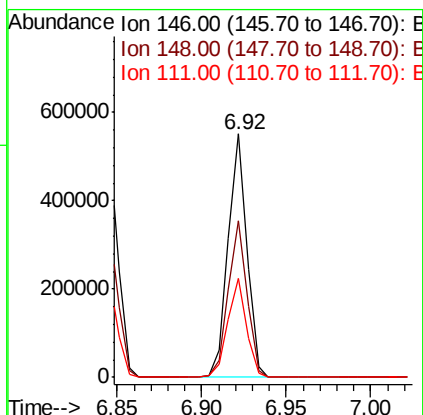
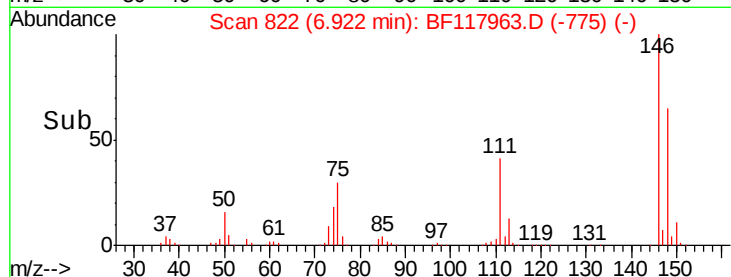
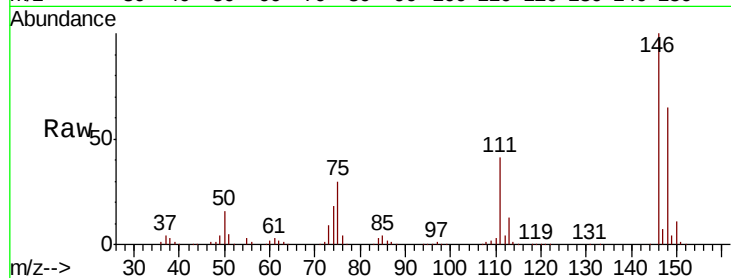




#13
 1,4-Dichlorobenzene
 Concen: 42.734 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

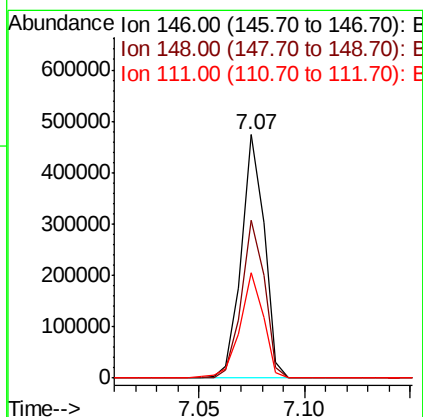
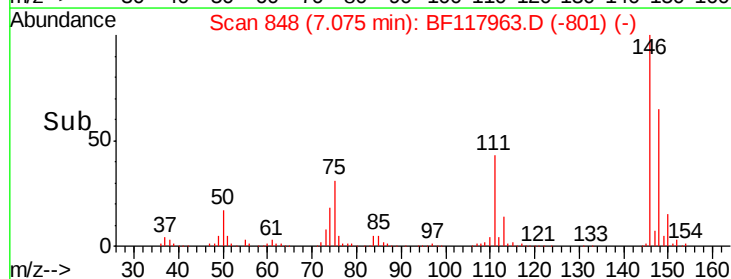
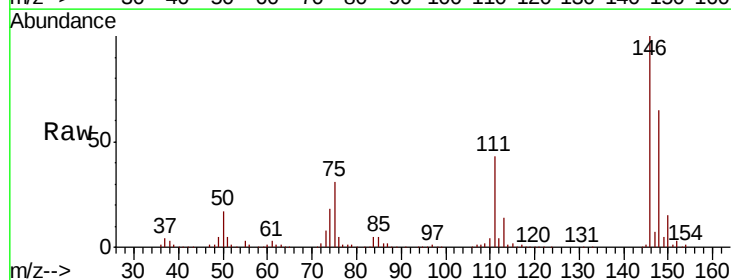
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 424228
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 40.9 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 37.588 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion:146 Resp: 356872
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.8
 111 43.1 35.0 52.6





#15

Benzyl Alcohol

Concen: 41.519 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

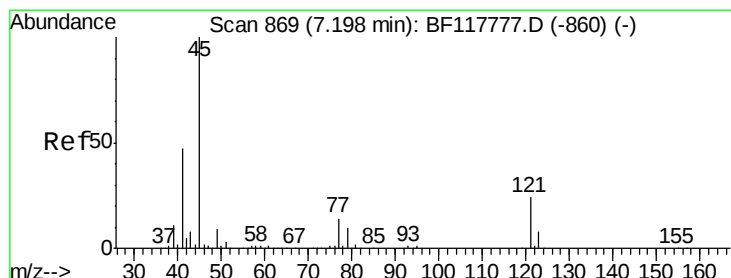
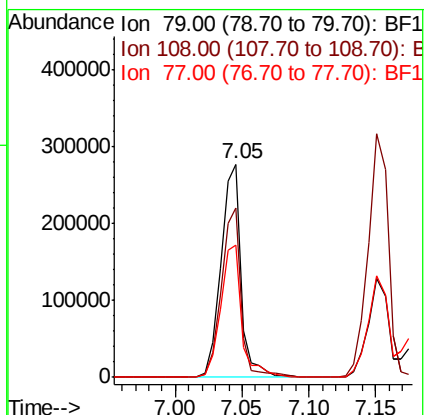
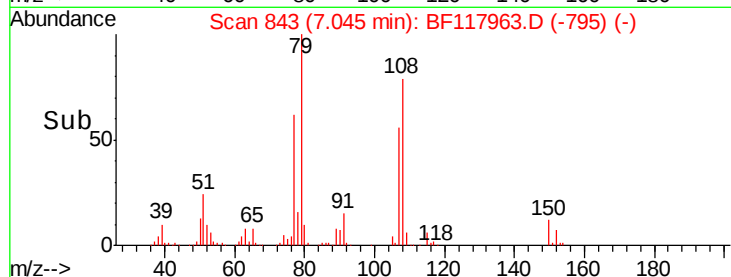
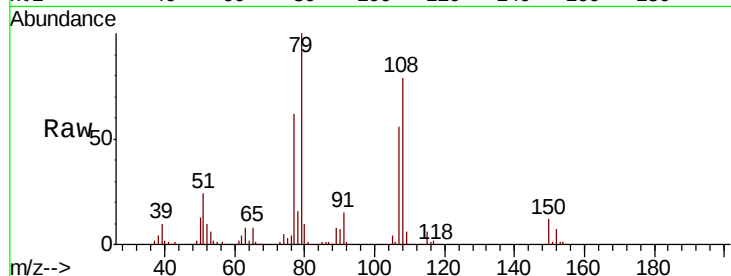
Tot Ion: 79 Resp: 297242

Ion Ratio Lower Upper

79 100

108 79.5 64.1 96.1

77 62.3 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.366 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

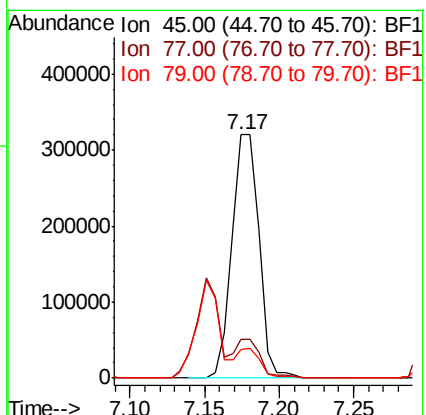
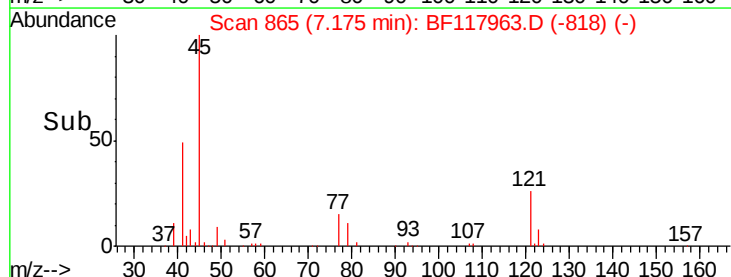
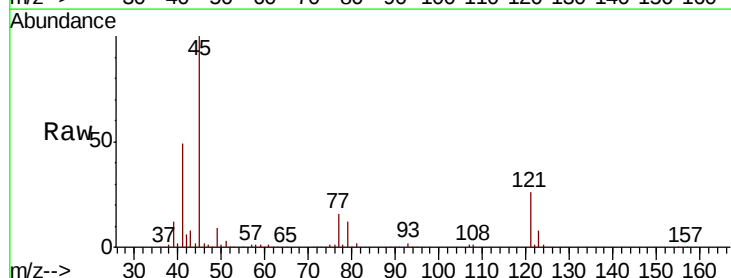
Tgt Ion: 45 Resp: 409421

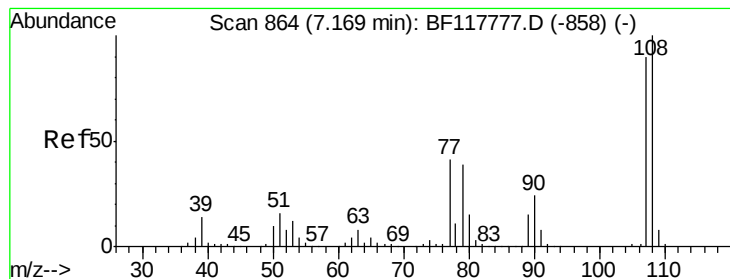
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.0

79 11.8 0.0 31.1





#17

2-Methylphenol

Concen: 41.310 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 291835

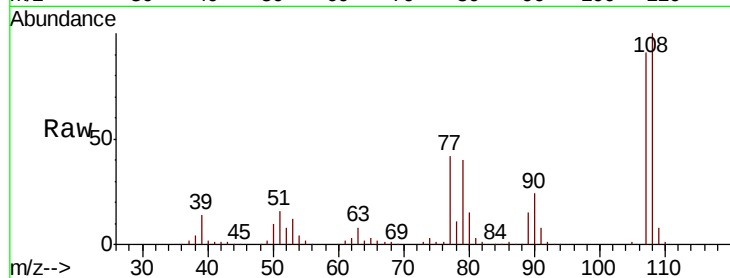
Ion Ratio Lower Upper

107 100

108 109.6 89.1 133.7

77 45.8 36.6 54.8

79 44.4 35.2 52.8

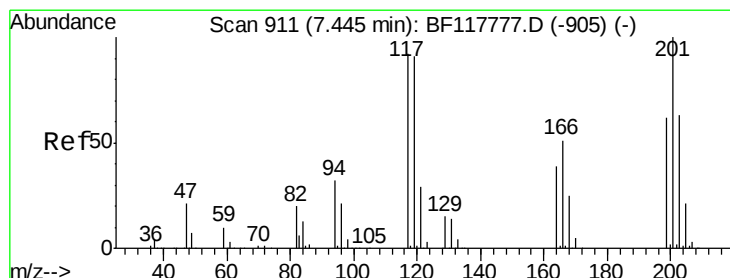
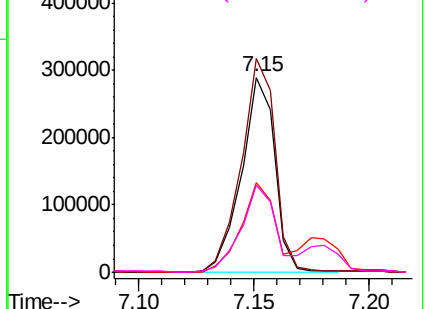
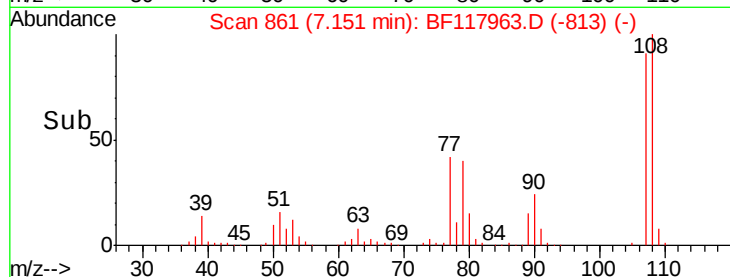


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.179 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

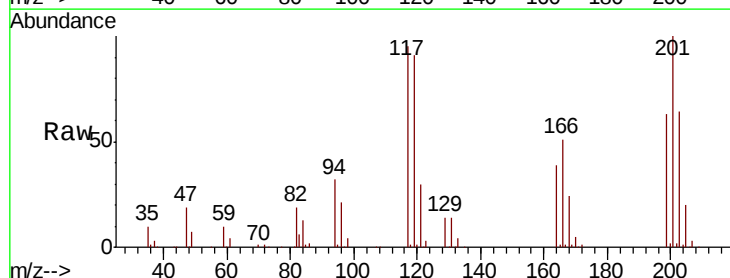
Tgt Ion:117 Resp: 153818

Ion Ratio Lower Upper

117 100

119 95.9 78.7 118.1

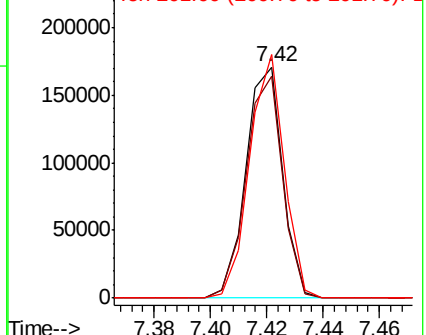
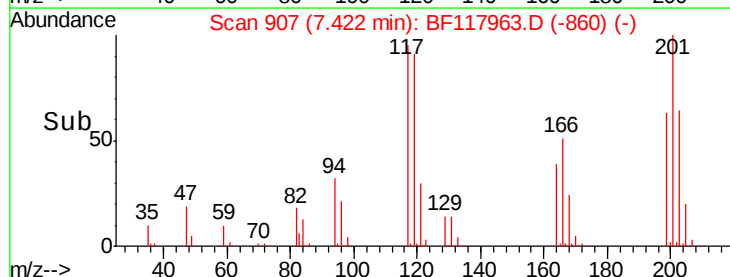
201 105.2 86.5 129.7

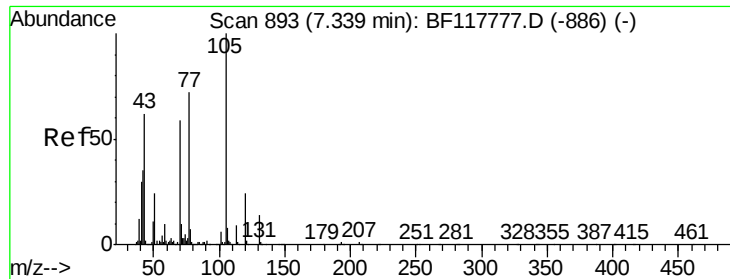


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

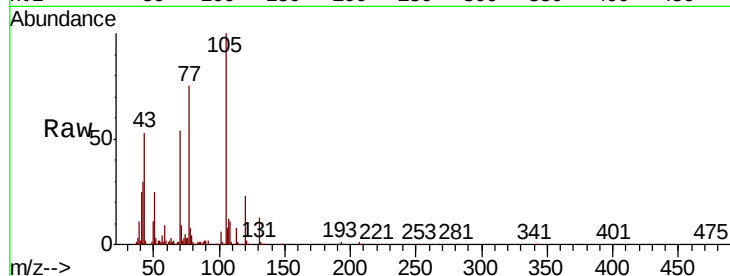




#19
n-Nitroso-di-n-propylamine
Concen: 42.819 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	244951
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.4	71.2
101	10.3	8.4	12.6
130	23.6	18.8	28.2



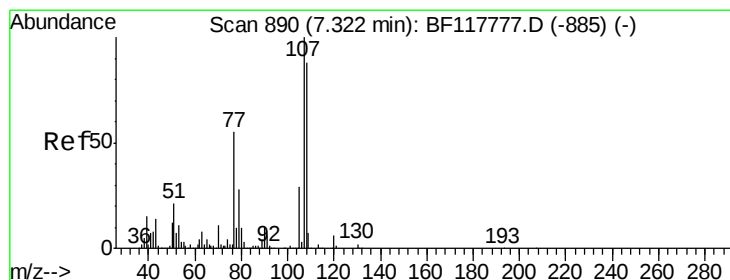
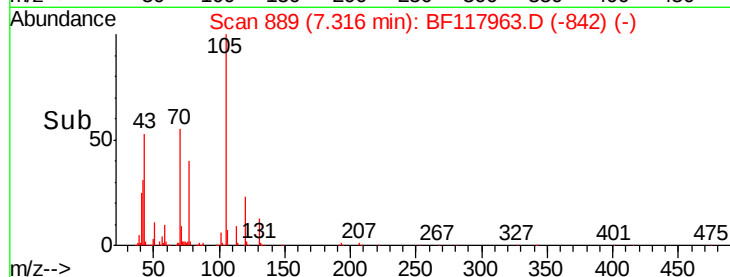
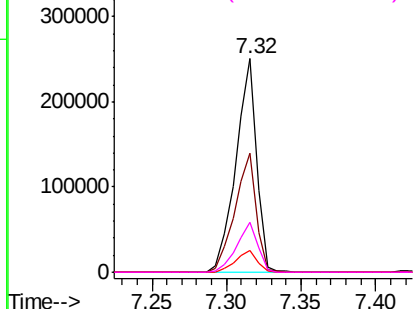
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

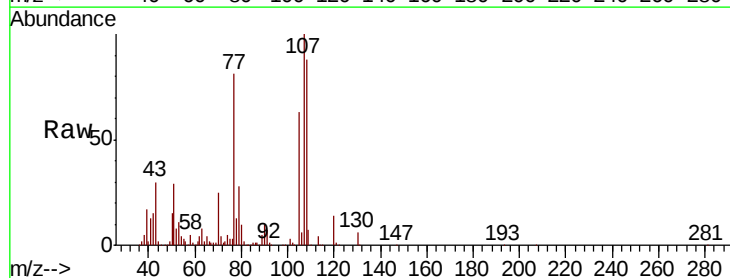
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 44.481 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:	107	Resp:	390069
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.4	108.4
77	81.0	35.2	75.2#
79	28.5	8.6	48.6



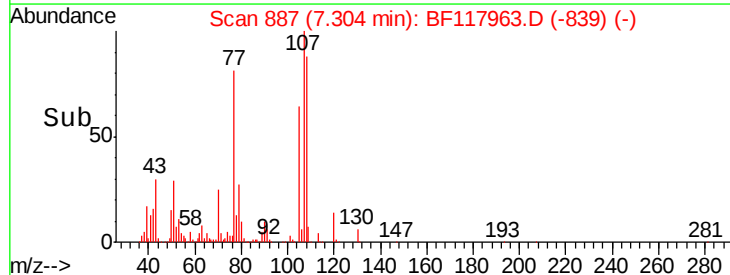
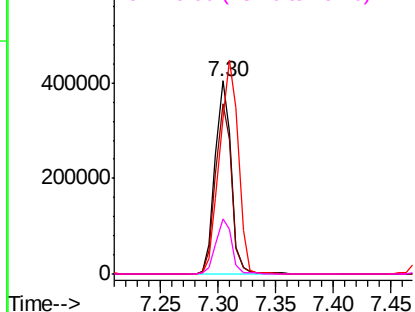
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

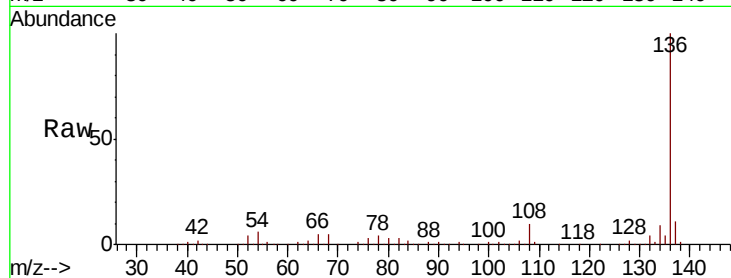




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	440183
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	6.4	5.4 8.2
68	4.6	4.3 6.5



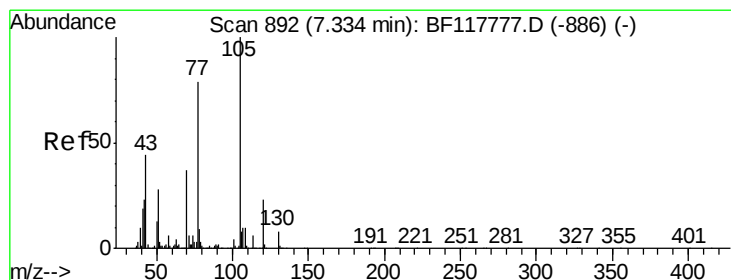
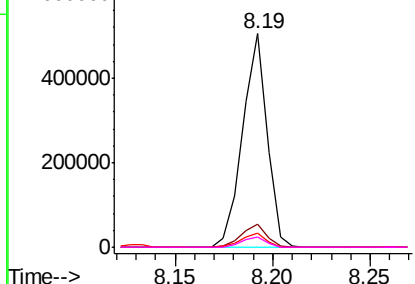
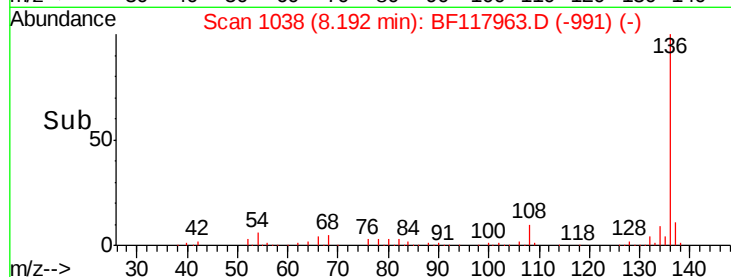
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

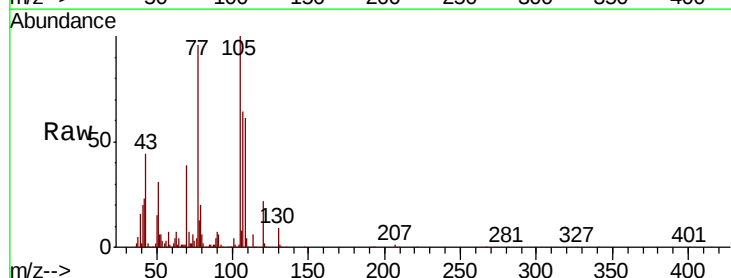
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 51.700 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:105	Resp:	511289
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.9 7.3
51	31.4	22.7 34.1
120	22.1	18.5 27.7



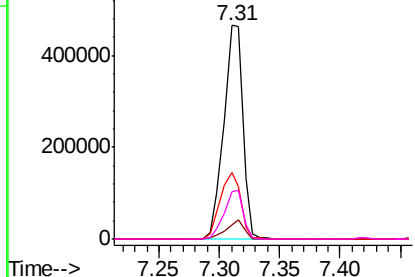
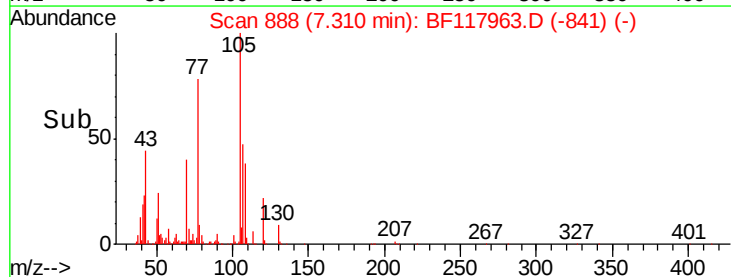
Abundance

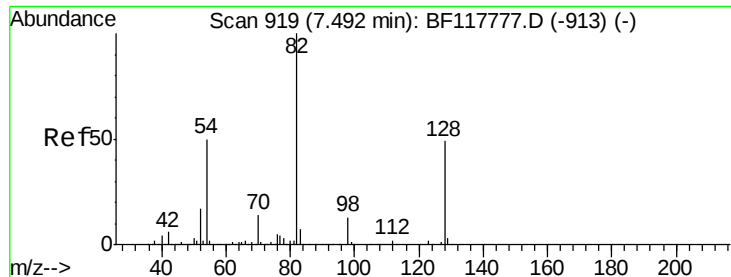
Ion 105.00 (104.70 to 105.70): E

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

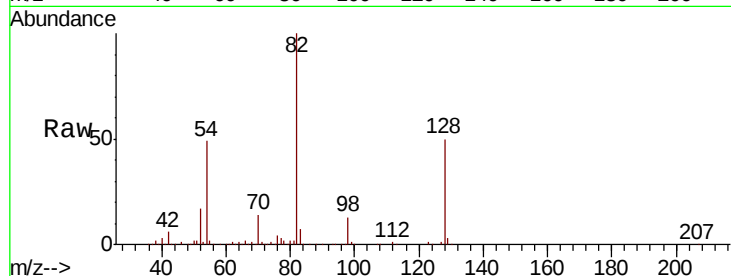




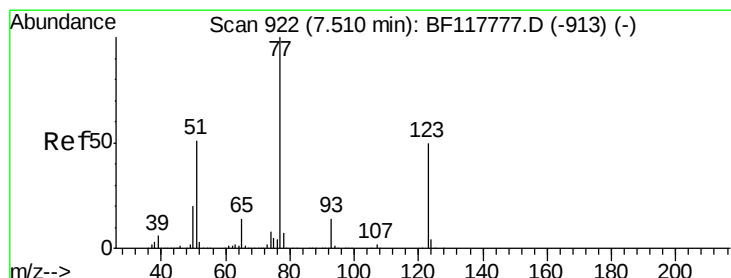
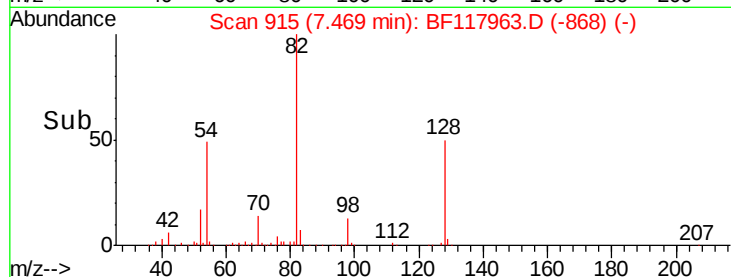
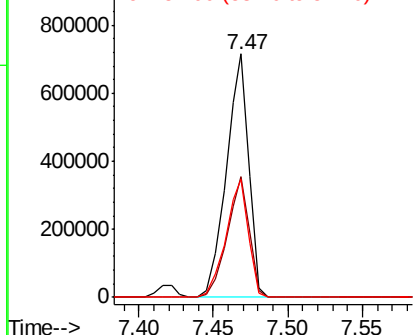
#23
 Nitrobenzene-d5
 Concen: 102.137 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	756304
Ion Ratio	100	Lower	Upper
128	49.7	38.9	58.3
54	48.8	39.8	59.6

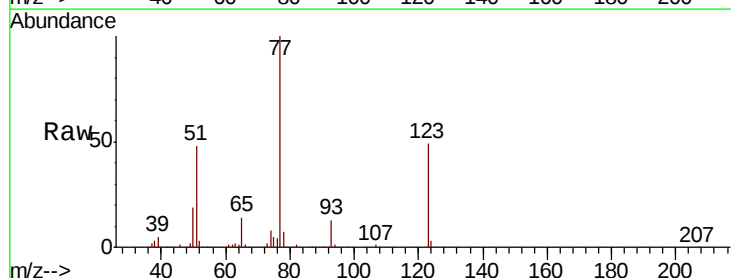


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

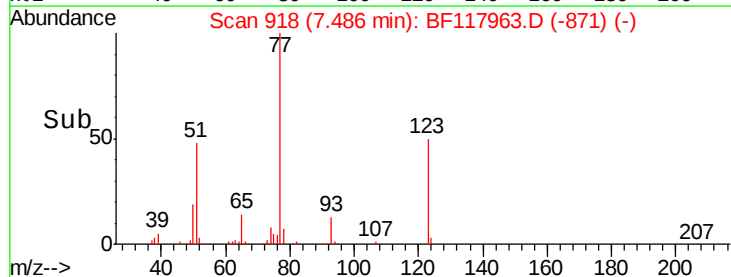
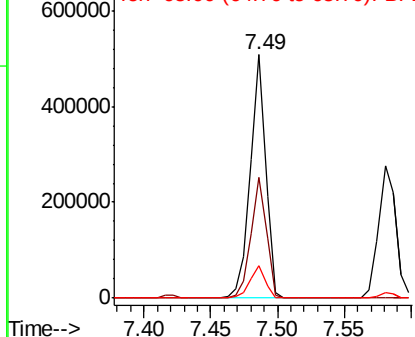


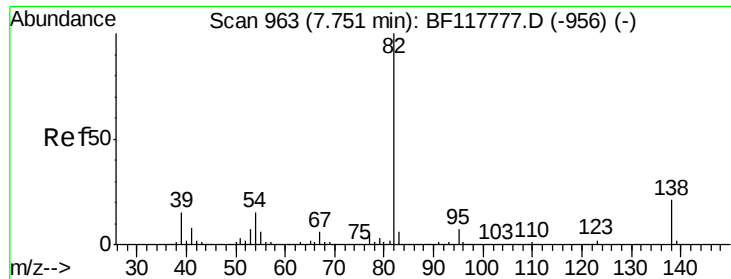
#24
 Nitrobenzene
 Concen: 52.770 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion	77	Resp	403106
Ion Ratio	100	Lower	Upper
123	49.4	40.3	60.5
65	13.6	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

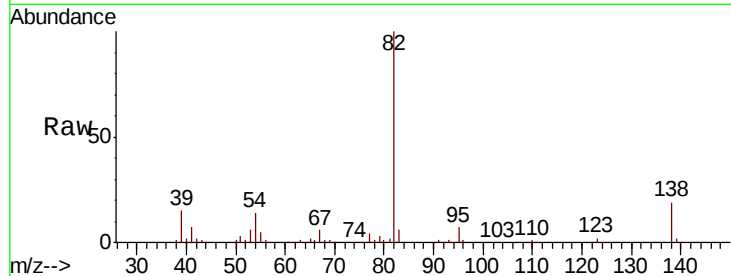




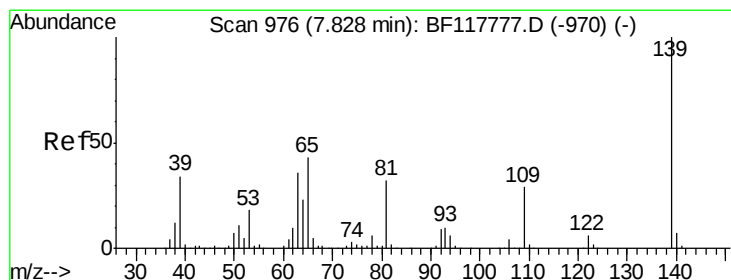
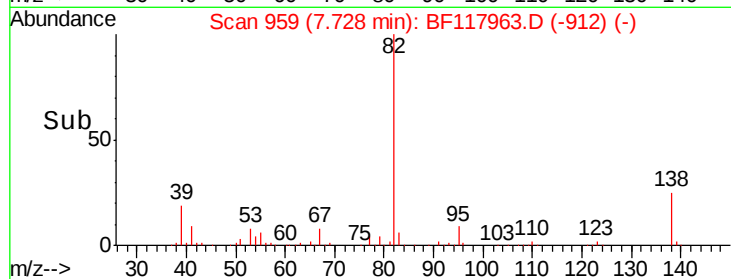
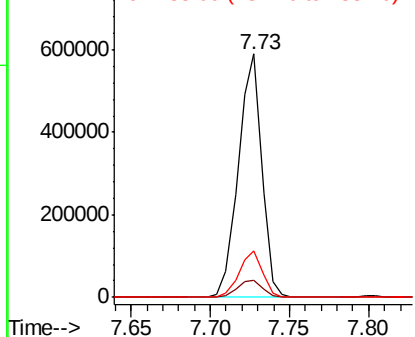
#25
Isophorone
Concen: 44.405 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 602652
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.2 16.5 24.7

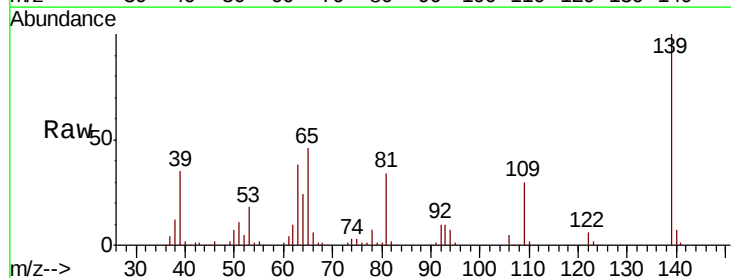


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

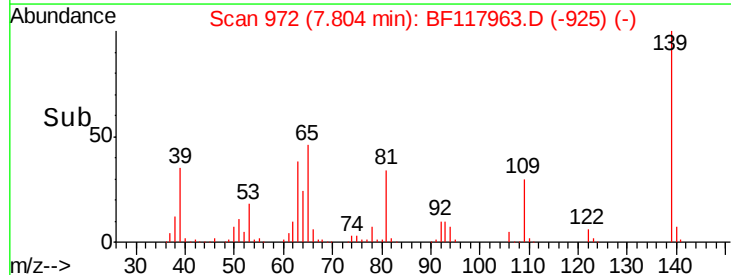
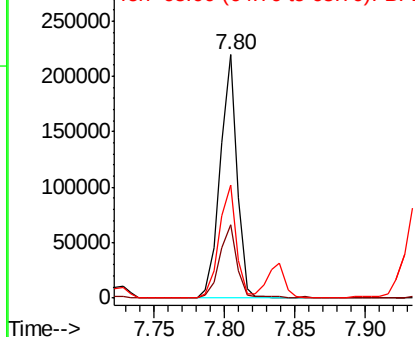


#26
2-Nitrophenol
Concen: 49.188 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion: 139 Resp: 182887
Ion Ratio Lower Upper
139 100
109 30.0 23.0 34.4
65 46.3 34.7 52.1



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

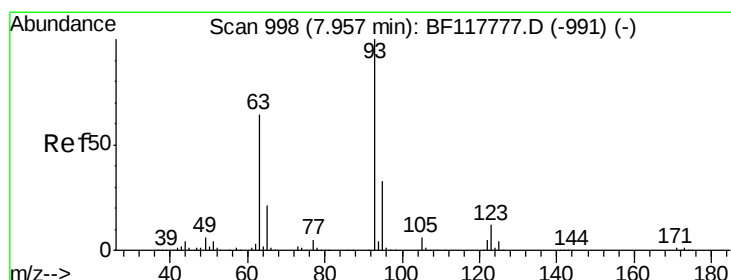
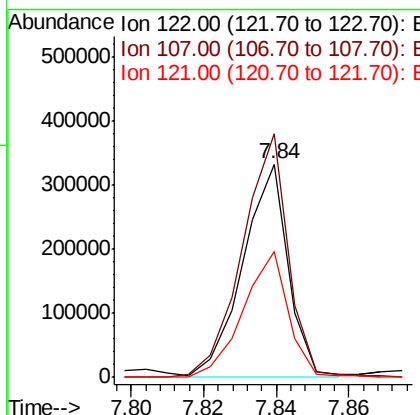
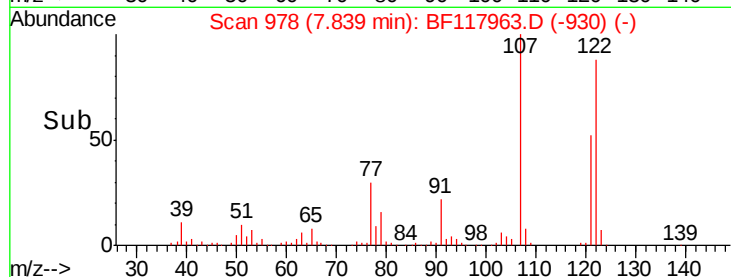
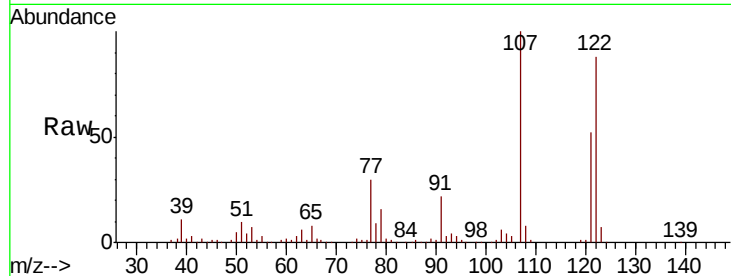




#27
2,4-Dimethylphenol
Concen: 50.371 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

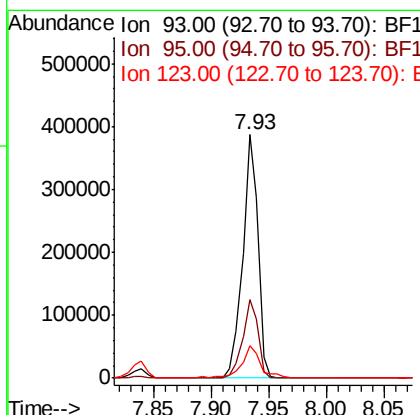
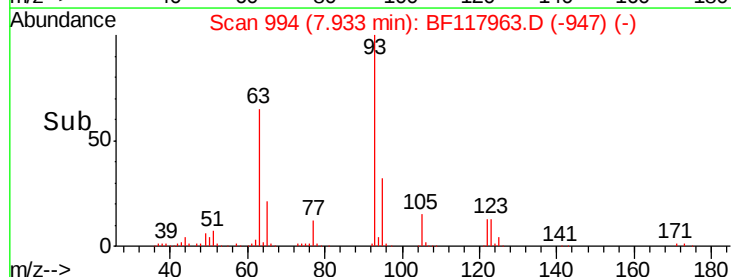
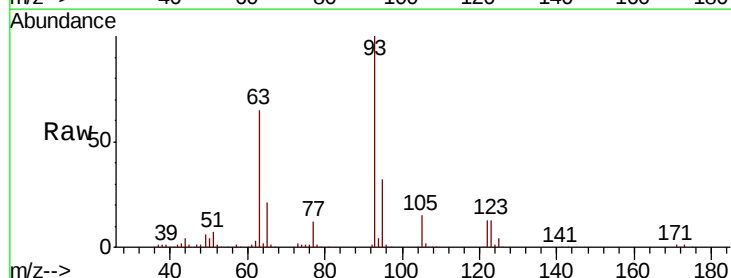
Instrument :
BNA_F
ClientSampleId :

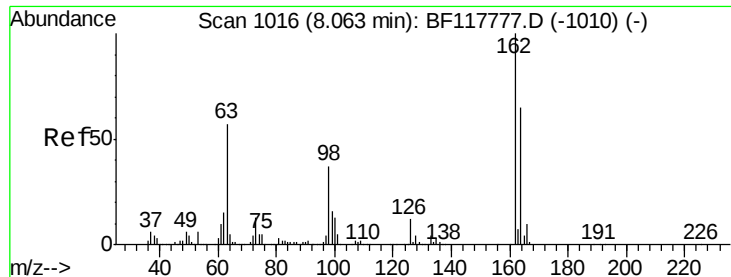
Tot Ion:122 Resp: 291021
Ion Ratio Lower Upper
122 100
107 114.1 90.0 135.0
121 59.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.199 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion: 93 Resp: 354821
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 13.1 10.3 15.5

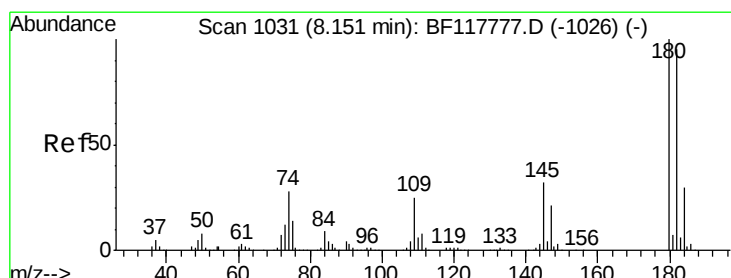
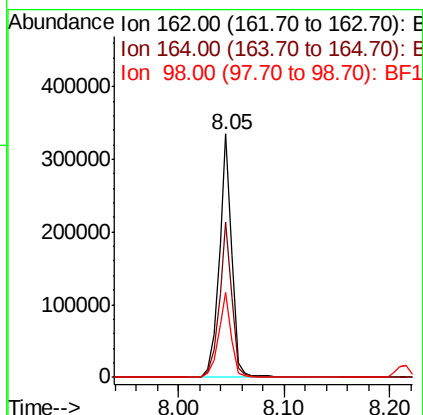
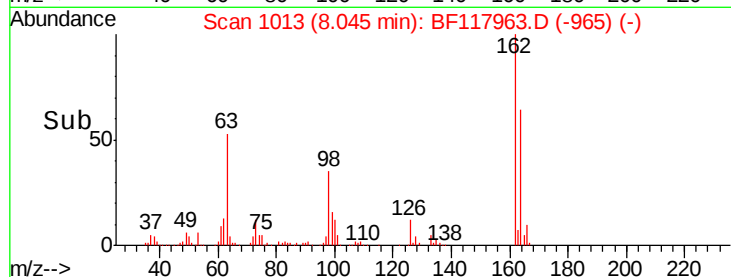
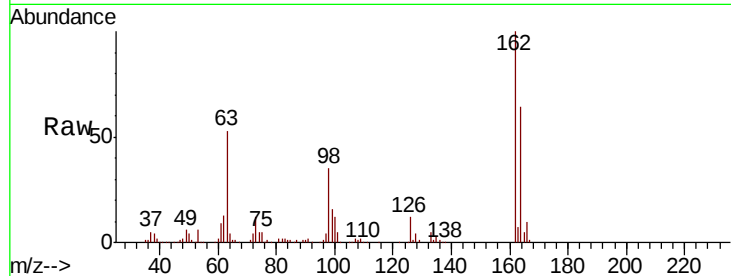




#29
2,4-Dichlorophenol
Concen: 44.903 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

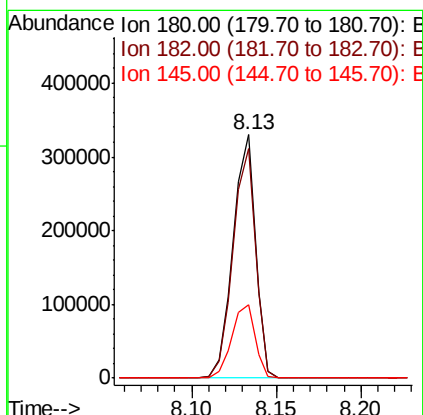
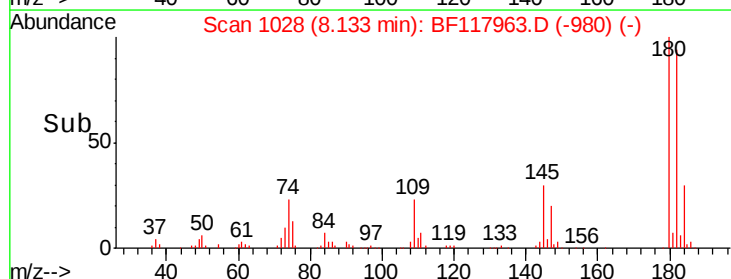
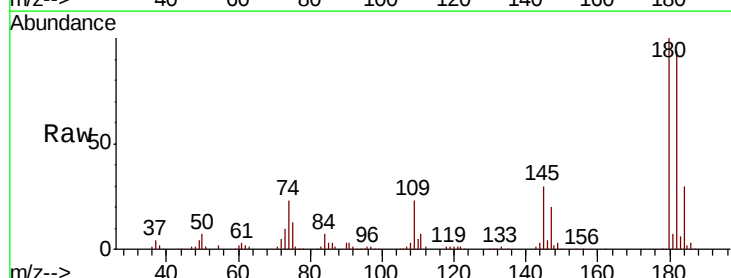
Instrument :
BNA_F
ClientSampleId :

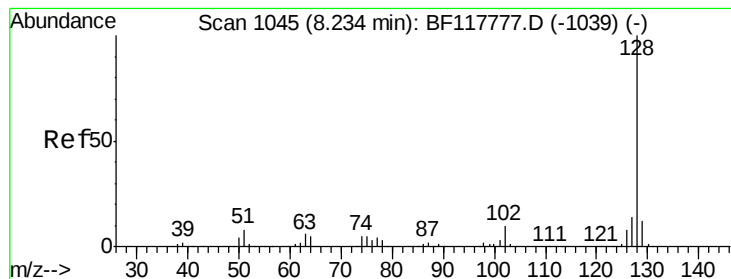
Tot Ion:162 Resp: 281403
Ion Ratio Lower Upper
162 100
164 63.9 45.1 85.1
98 35.0 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.838 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:180 Resp: 304132
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.6
145 29.9 25.5 38.3





#31

Naphthalene

Concen: 46.441 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

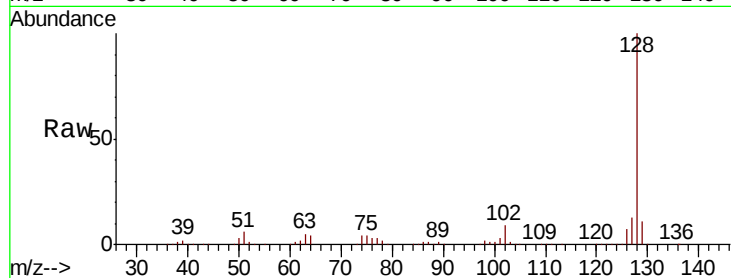
Tot Ion:128 Resp: 953019

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

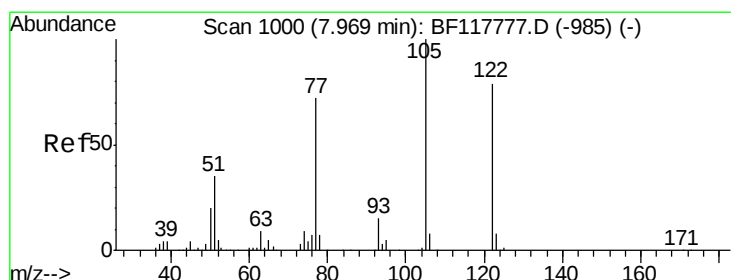
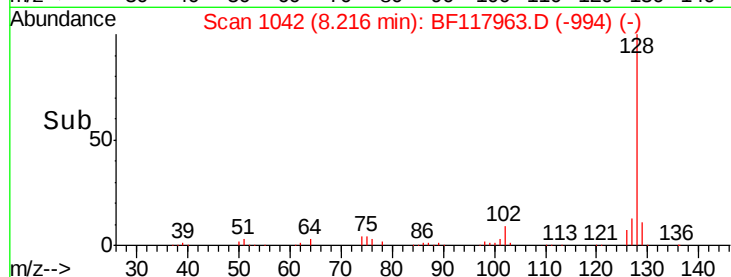
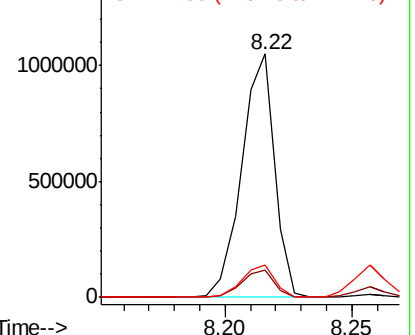
127 13.4 11.3 16.9



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: 44.745 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

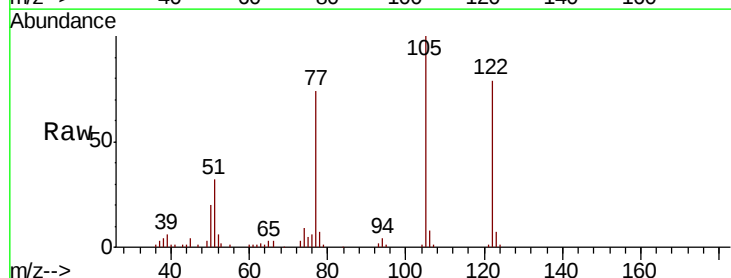
Tgt Ion:122 Resp: 216459

Ion Ratio Lower Upper

122 100

105 126.3 102.7 142.7

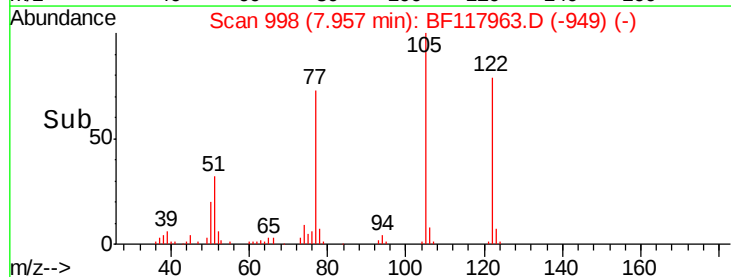
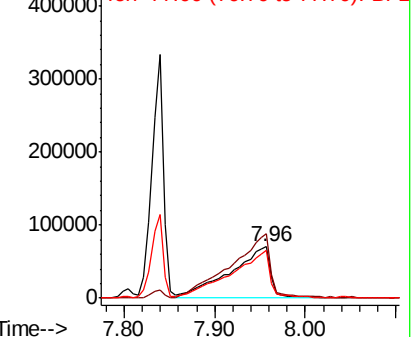
77 93.4 70.5 110.5

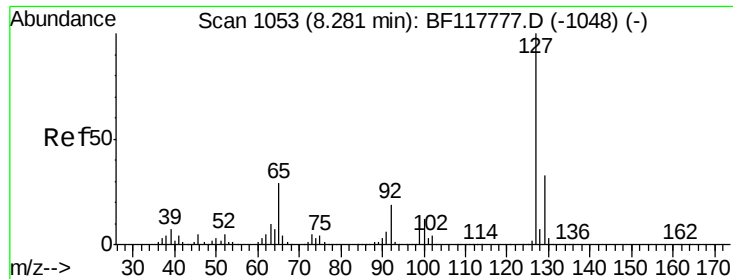


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

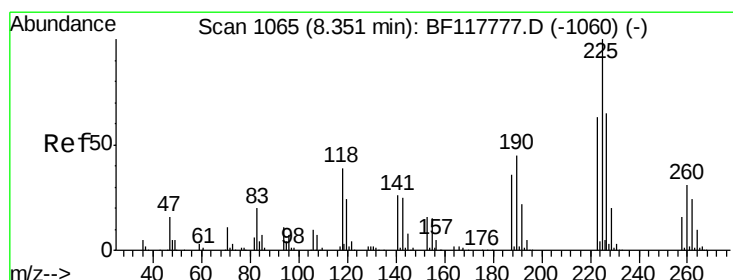
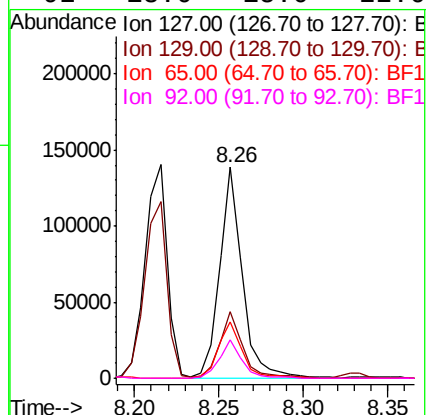
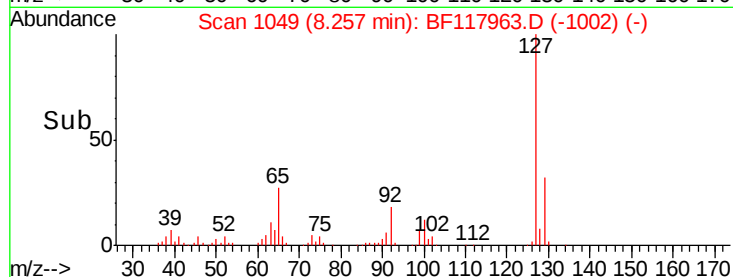
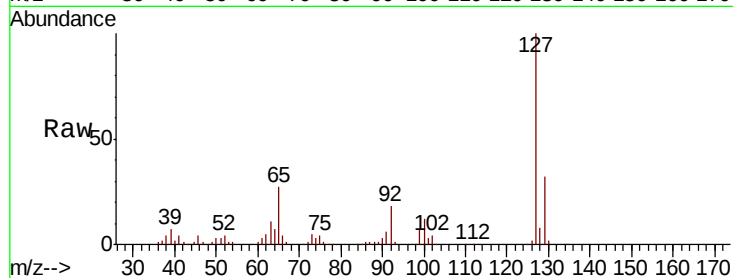




#33
4-Chloroaniline
Concen: 14.186 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

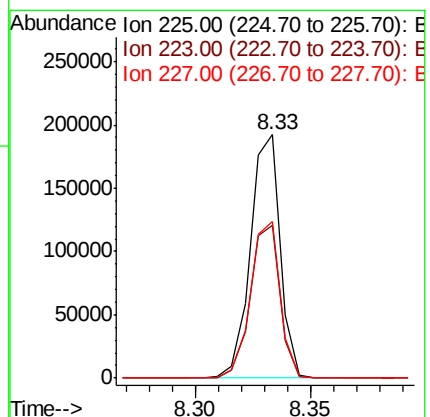
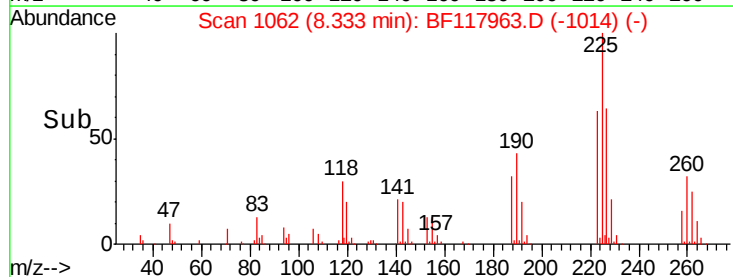
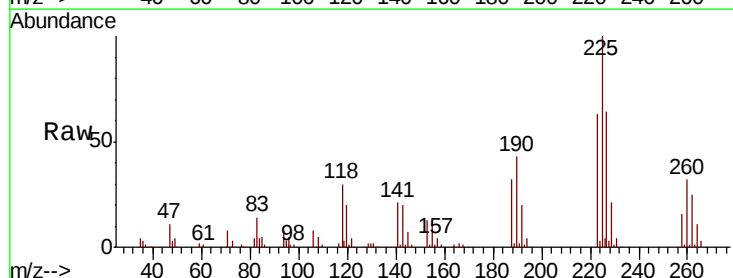
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	130322
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	27.0	22.9	34.3
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.725 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:	225	Resp:	173085
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	64.3	51.8	77.6





#35

Caprolactam

Concen: 32.585 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

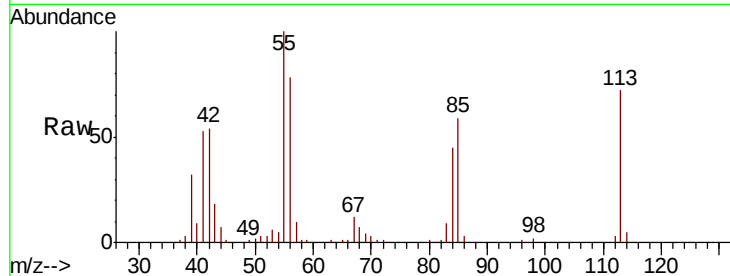
Tot Ion:113 Resp: 64901

Ion Ratio Lower Upper

113 100

55 138.7 141.1 181.1#

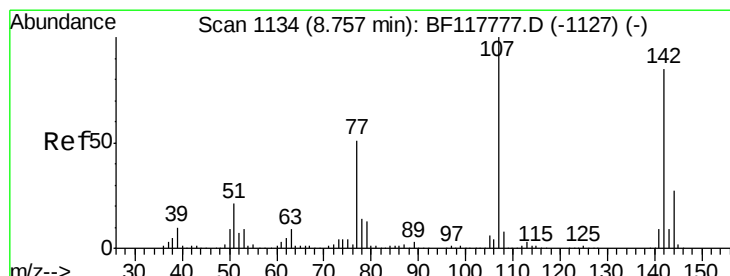
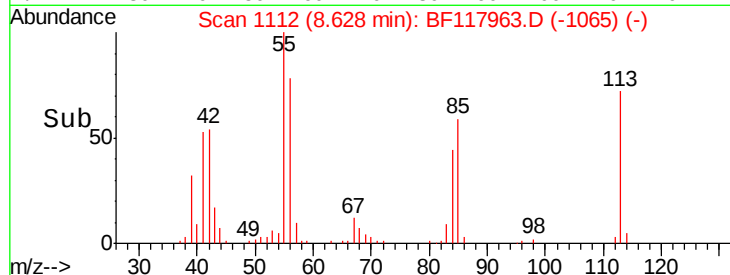
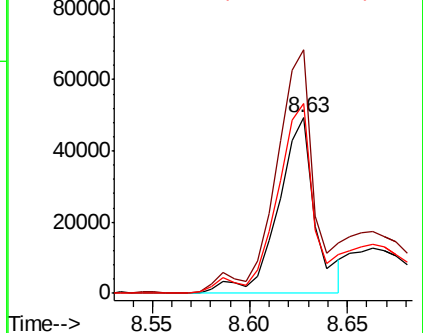
56 108.3 100.5 140.5



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: 46.688 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

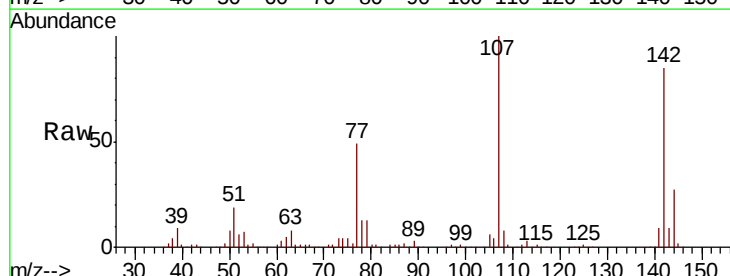
Tgt Ion:107 Resp: 296940

Ion Ratio Lower Upper

107 100

144 27.1 21.9 32.9

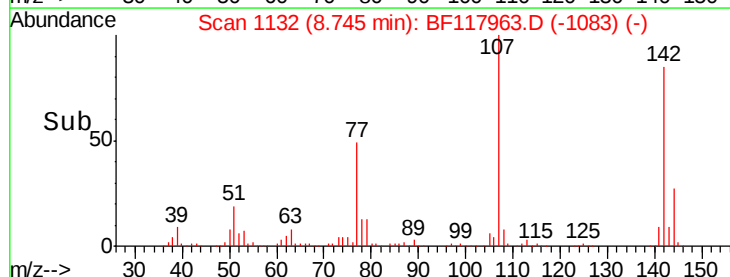
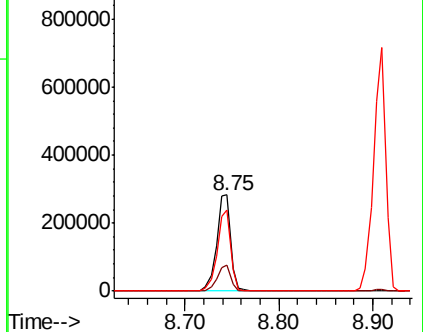
142 85.0 67.7 101.5

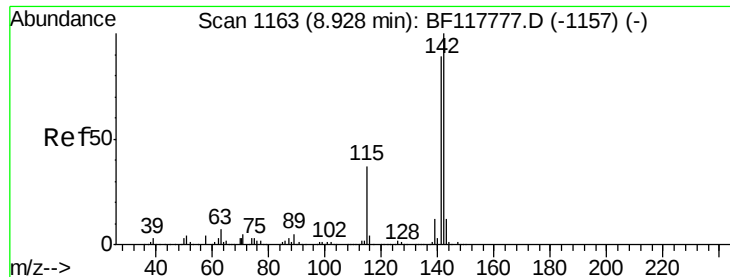


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

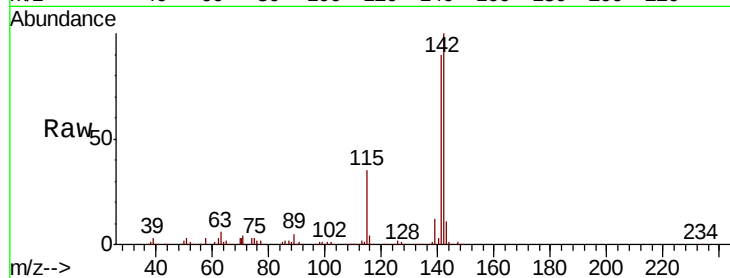




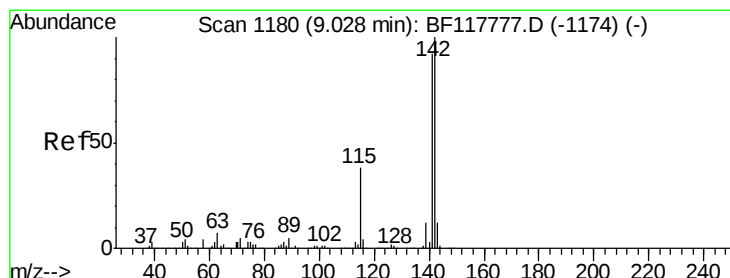
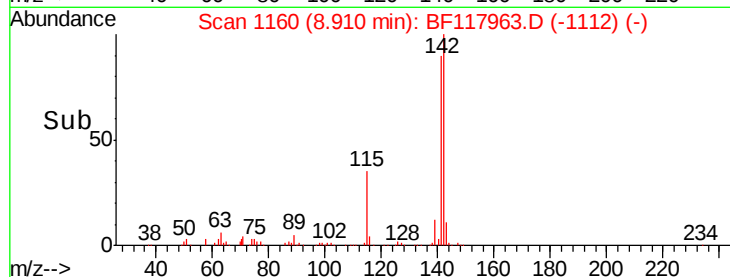
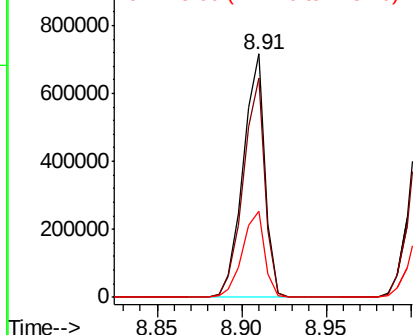
#37
2-Methylnaphthalene
Concen: 46.660 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 646950
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7
115 35.4 29.2 43.8

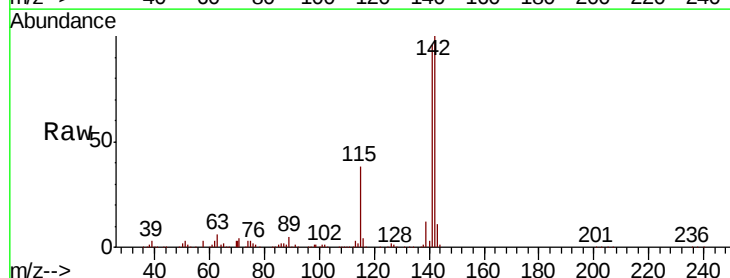


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

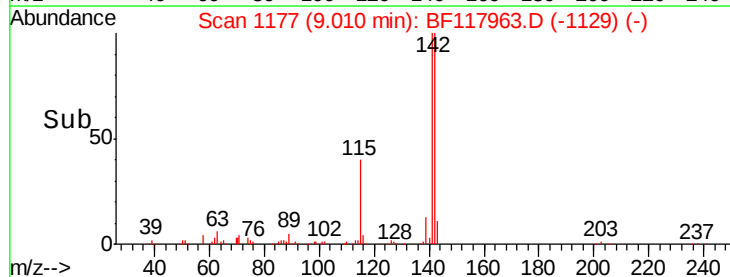
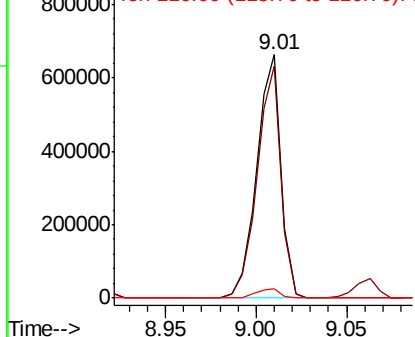


#38
1-Methylnaphthalene
Concen: 46.708 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:142 Resp: 612253
Ion Ratio Lower Upper
142 100
141 95.5 73.5 110.3
116 3.9 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

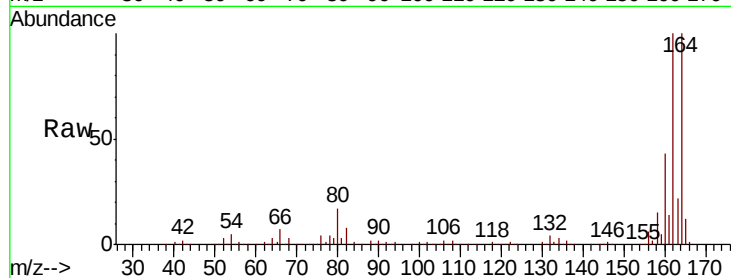




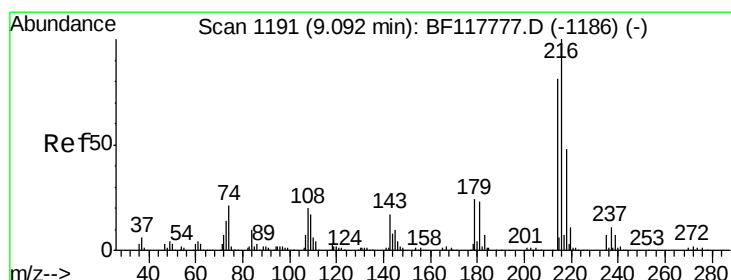
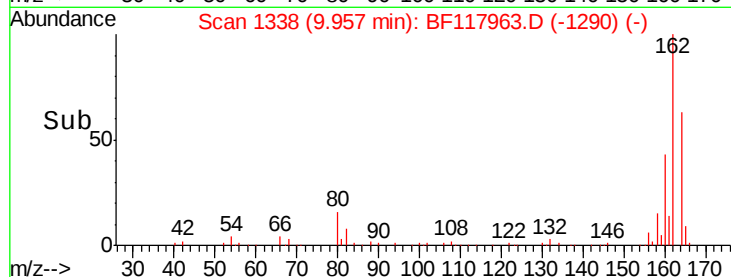
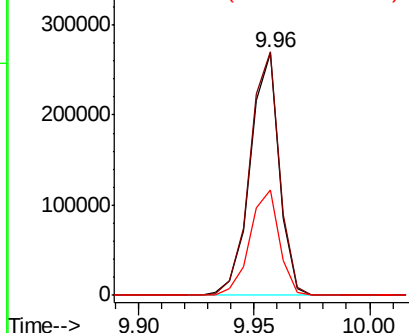
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 236218
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.4 36.6 55.0

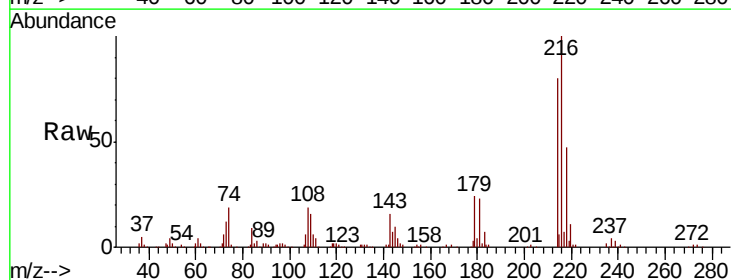


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

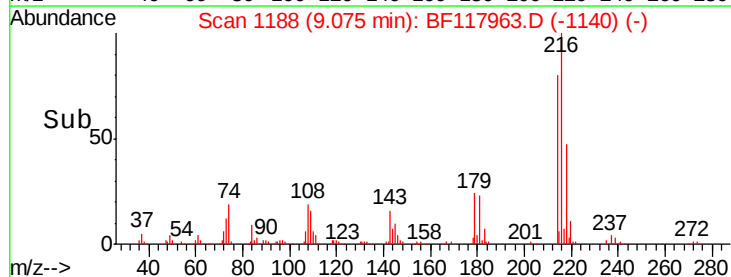
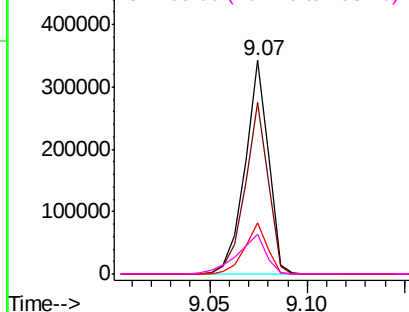


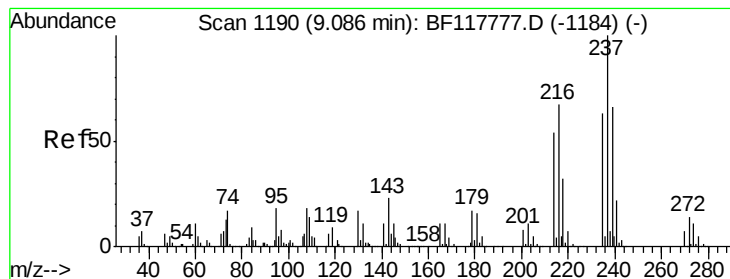
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.526 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:216 Resp: 284866
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 23.0 18.2 27.4
108 22.3 16.0 24.0



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





#41

Hexachlorocyclopentadiene

Concen: 92.105 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

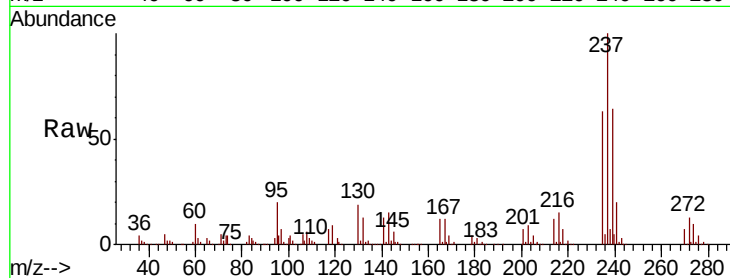
Tot Ion:237 Resp: 354084

Ion Ratio Lower Upper

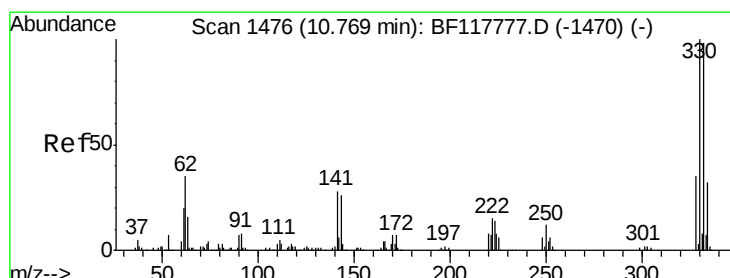
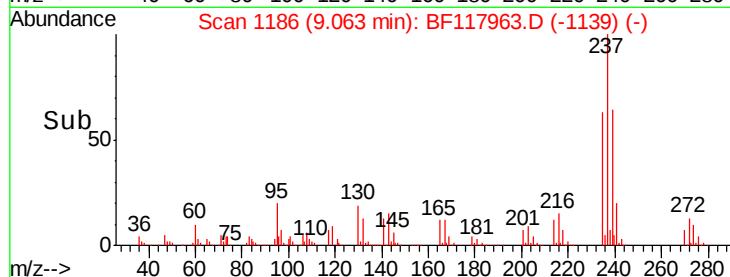
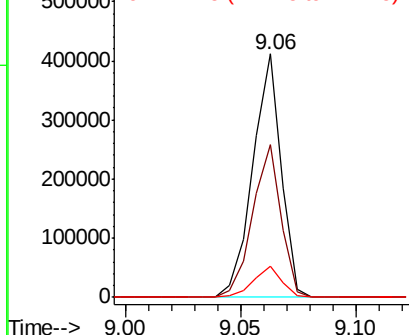
237 100

235 62.8 42.6 82.6

272 12.8 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: 143.920 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

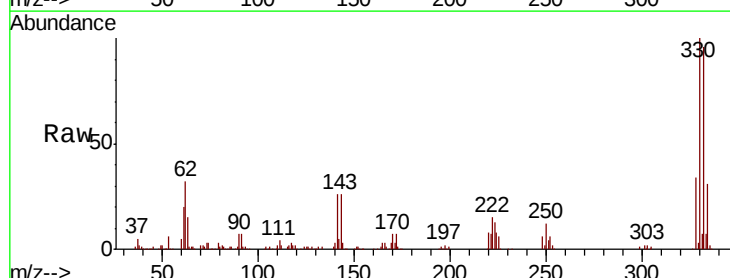
Tgt Ion:330 Resp: 359918

Ion Ratio Lower Upper

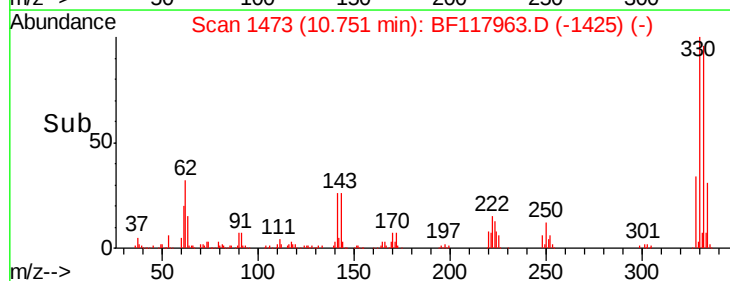
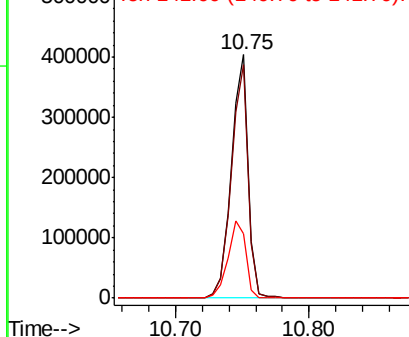
330 100

332 96.4 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

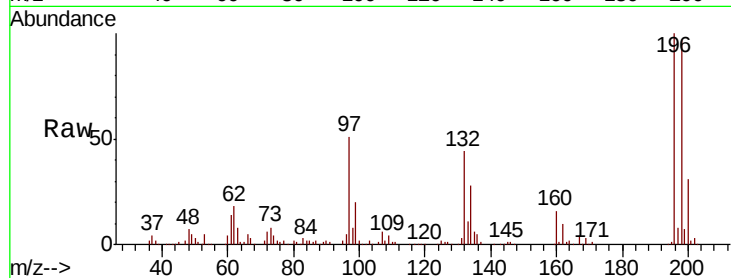




#43
 2,4,6-Trichlorophenol
 Concen: 42.590 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	209267
Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.8	116.6
200	30.9	25.4	38.0

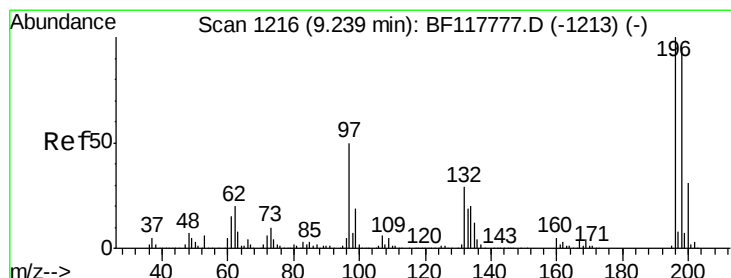
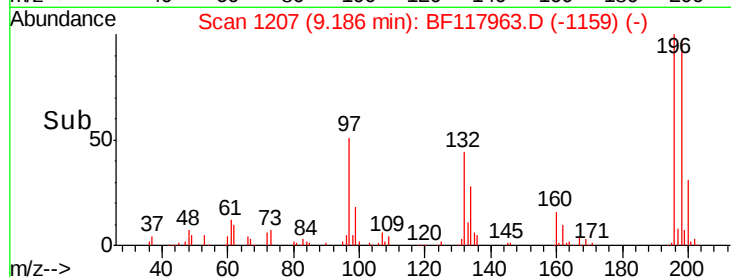
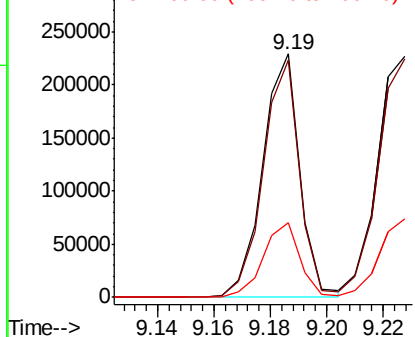


Abundance

Ion 196.00 (195.70 to 196.70): E

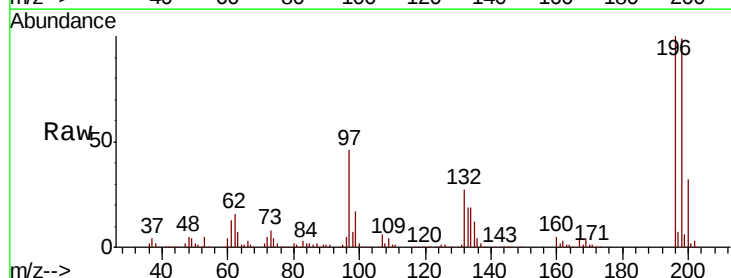
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.944 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion	196	Resp	219086
Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.3	114.5
97	46.0	40.0	60.0
132	27.3	23.6	35.4



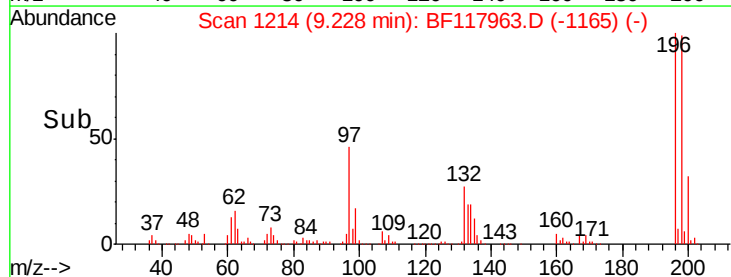
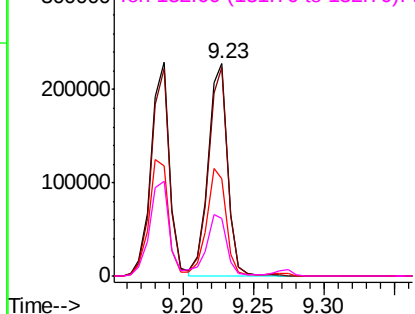
Abundance

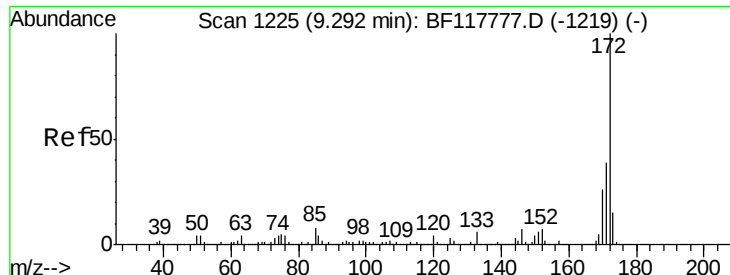
Ion 196.00 (195.70 to 196.70): E

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



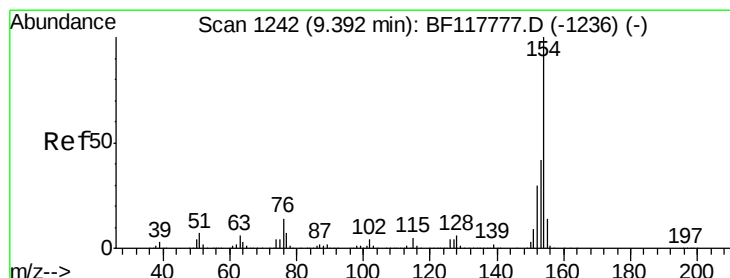
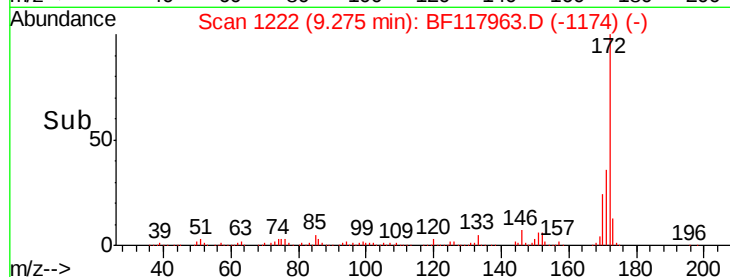
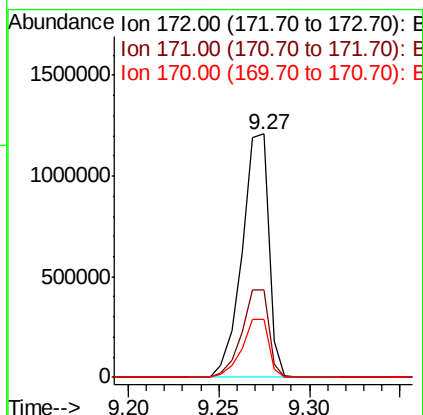
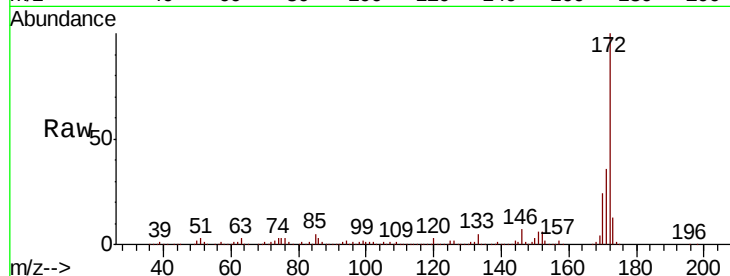


#45
 2-Fluorobiphenyl
 Concen: 93.965 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1237229

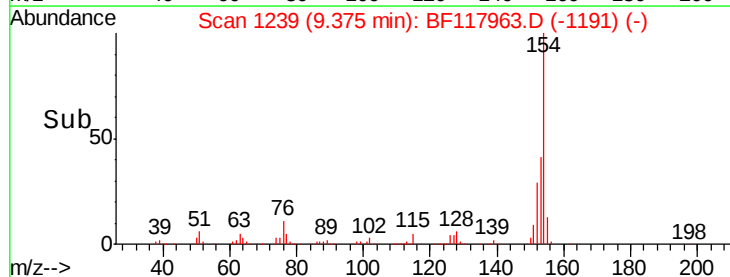
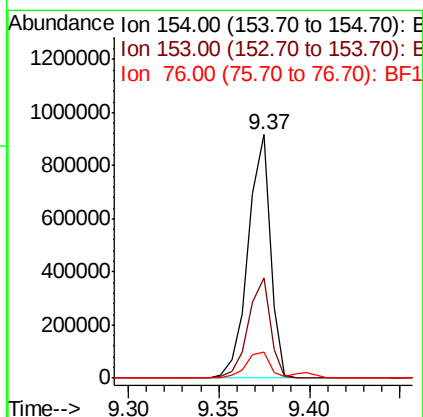
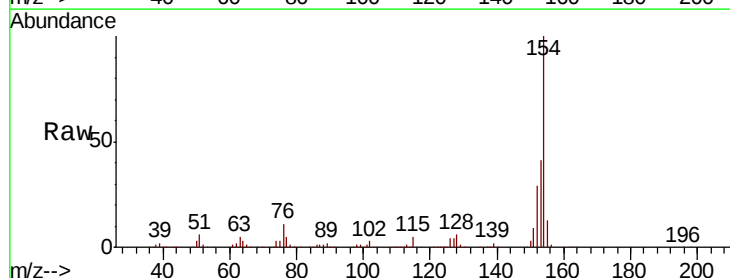
Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.9	46.3
170	23.9	21.0	31.4

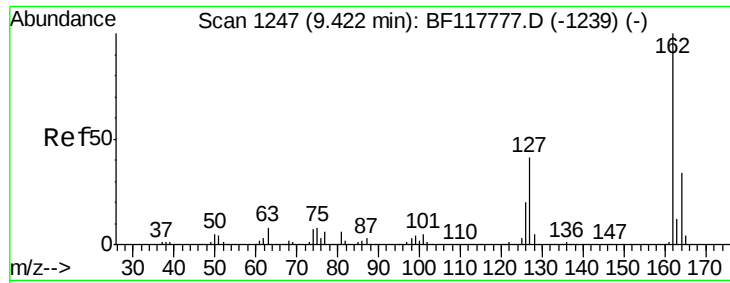


#46
 1,1'-Biphenyl
 Concen: 44.702 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion:154 Resp: 783419

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	10.9	0.0	33.6

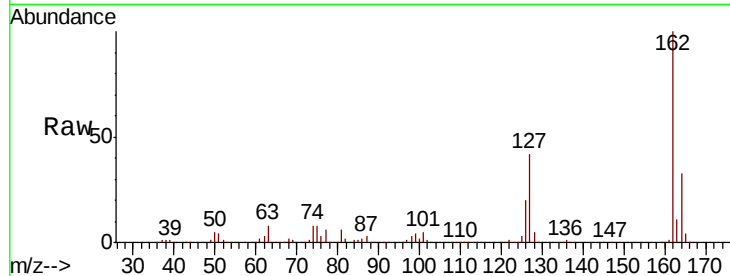




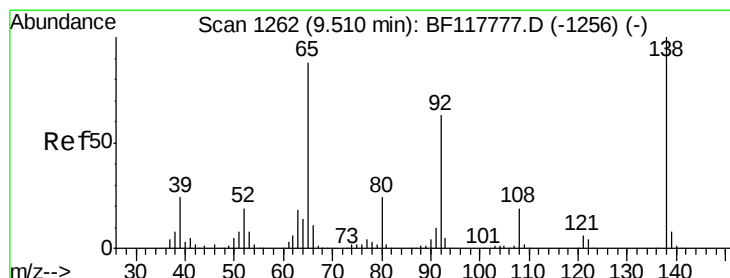
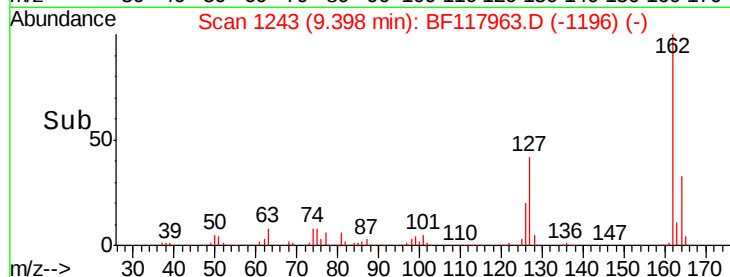
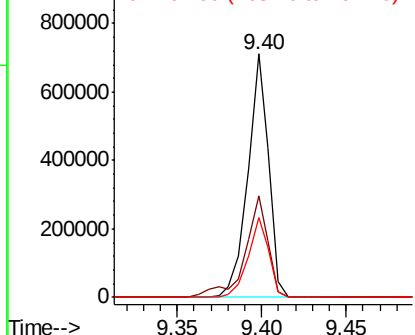
#47
 2-Chloronaphthalene
 Concen: 42.369 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 610845
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.2 49.8
 164 33.0 27.3 40.9

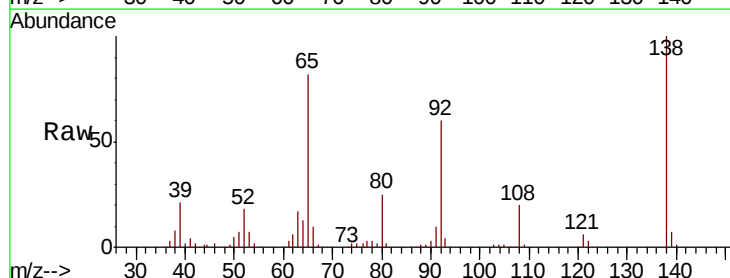


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

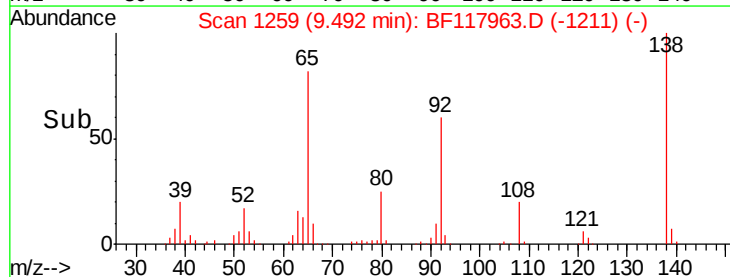
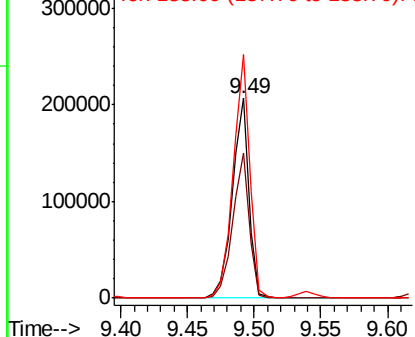


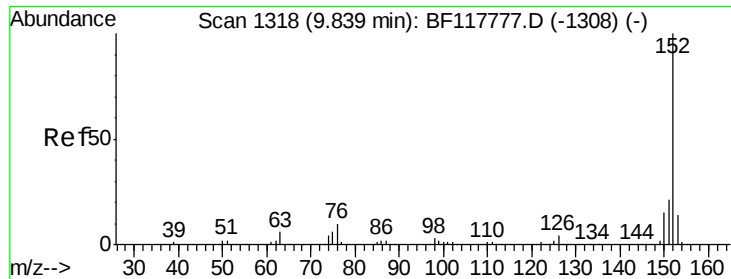
#48
 2-Nitroaniline
 Concen: 41.888 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion: 65 Resp: 182323
 Ion Ratio Lower Upper
 65 100
 92 72.9 56.6 84.8
 138 122.0 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: 47.219 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

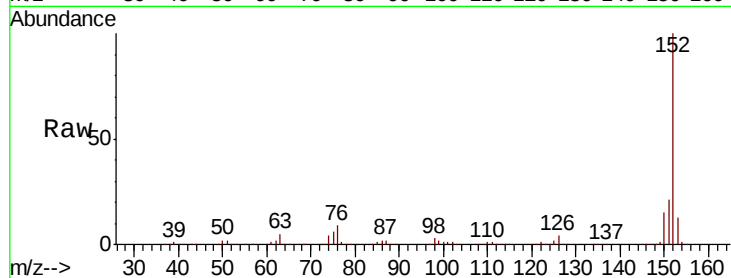
Tot Ion:152 Resp: 992523

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.6

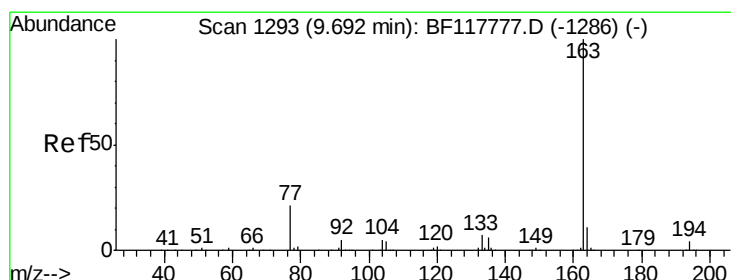
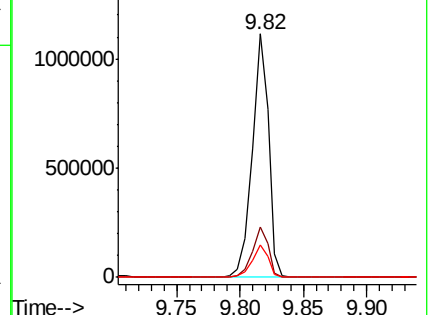
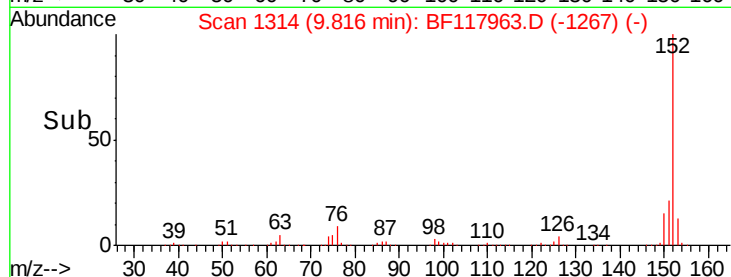
153 13.3 11.0 16.6



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: 56.603 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

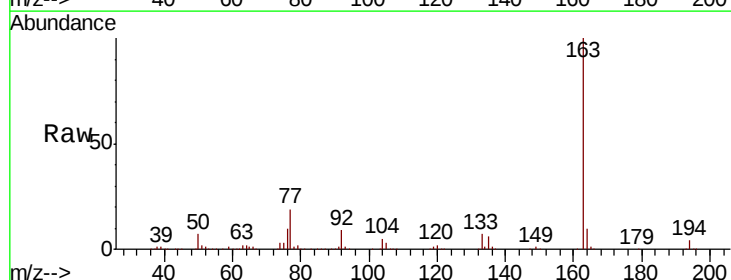
Tgt Ion:163 Resp: 937608

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

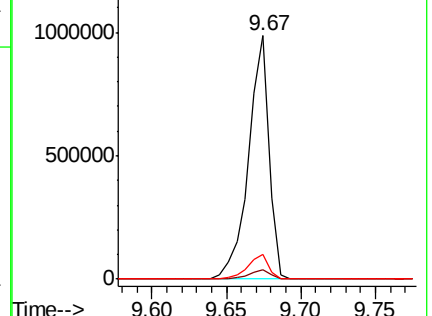
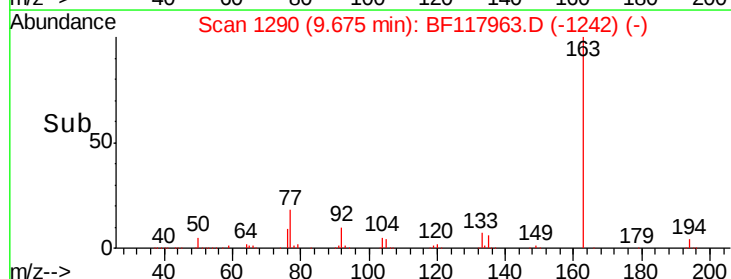
164 10.1 8.7 13.1

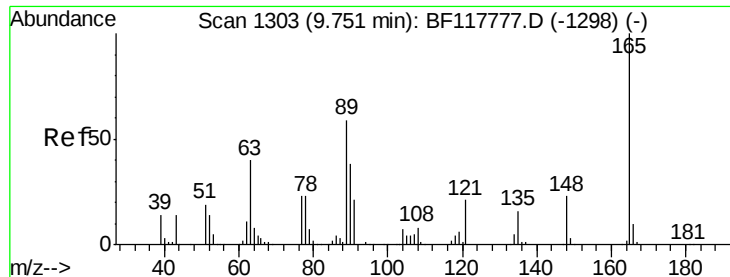


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

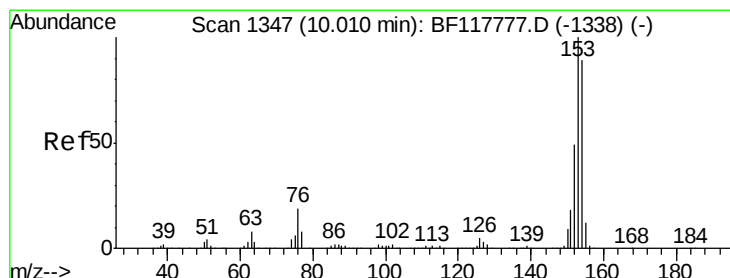
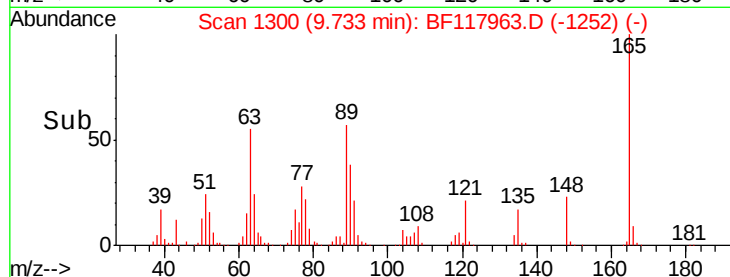
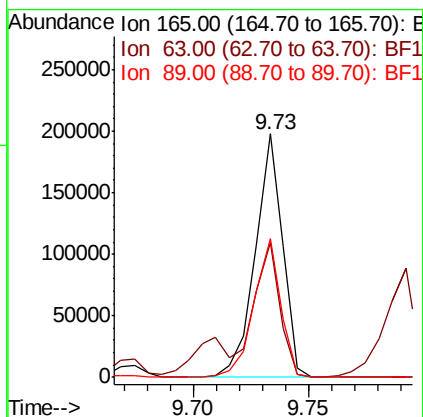
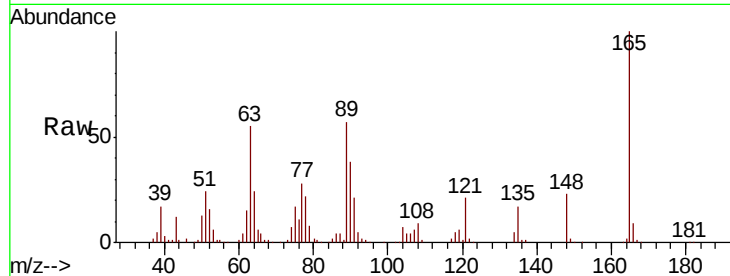




#51
 2,6-Dinitrotoluene
 Concen: 45.304 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

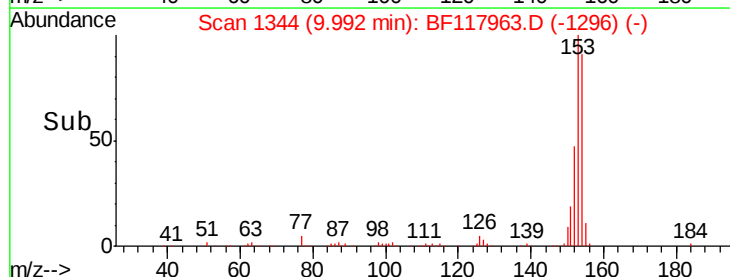
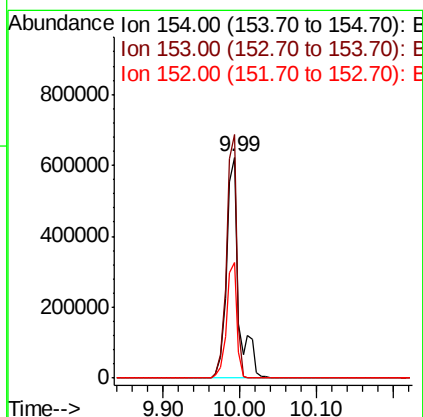
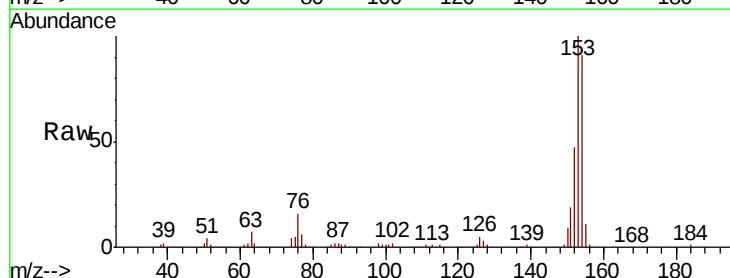
Instrument :
 BNA_F
 ClientSampled :

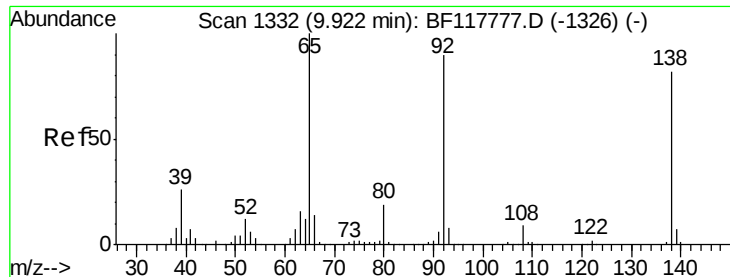
Tot Ion:165 Resp: 164011
 Ion Ratio Lower Upper
 165 100
 63 55.2 46.0 69.0
 89 57.0 47.7 71.5



#52
 Acenaphthene
 Concen: 51.411 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion:154 Resp: 692246
 Ion Ratio Lower Upper
 154 100
 153 110.3 90.1 135.1
 152 52.3 44.0 66.0

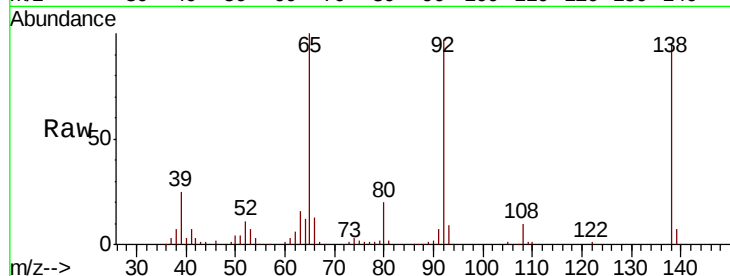




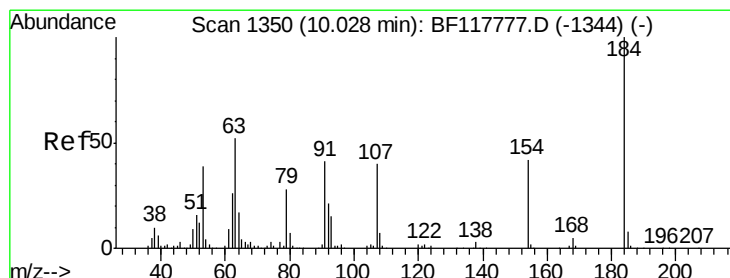
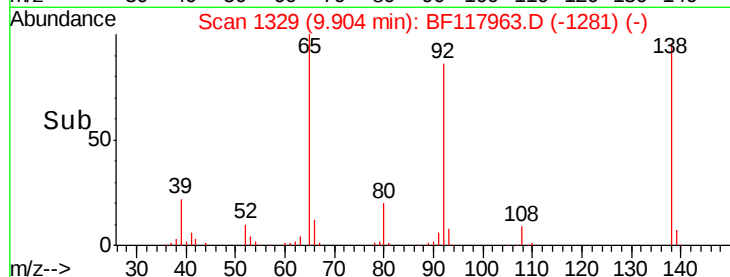
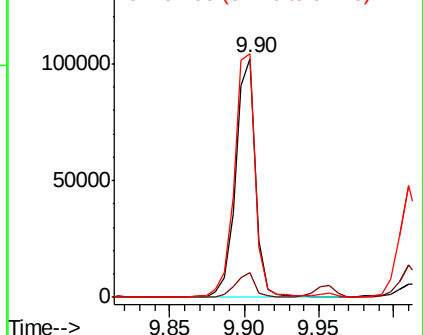
#53
3-Nitroaniline
Concen: 22.208 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 96201
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 101.8 87.9 131.9

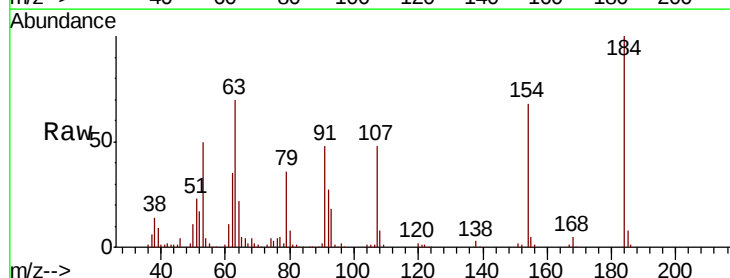


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

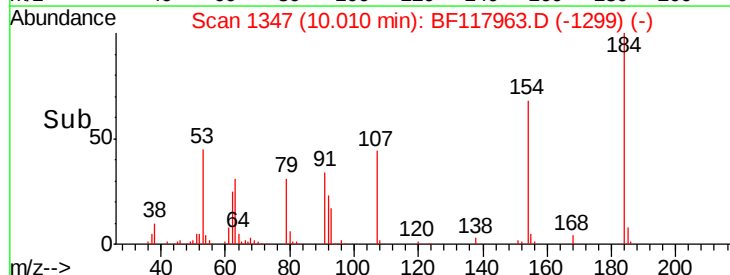
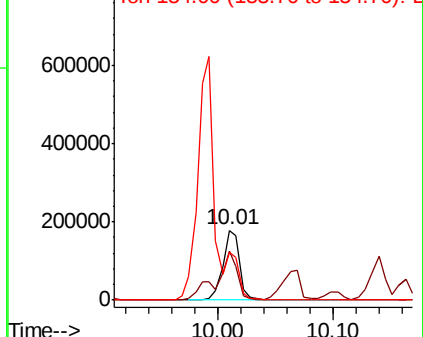


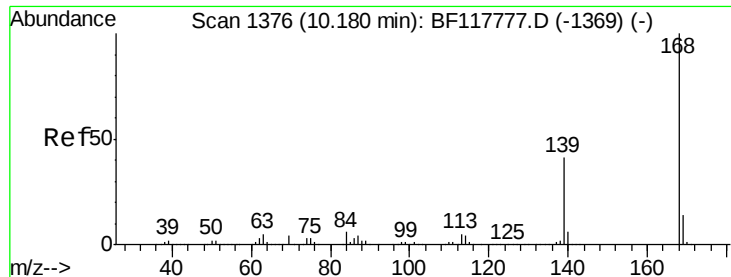
#54
2,4-Dinitrophenol
Concen: 94.673 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:184 Resp: 178816
Ion Ratio Lower Upper
184 100
63 70.4 43.0 64.6#
154 68.0 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

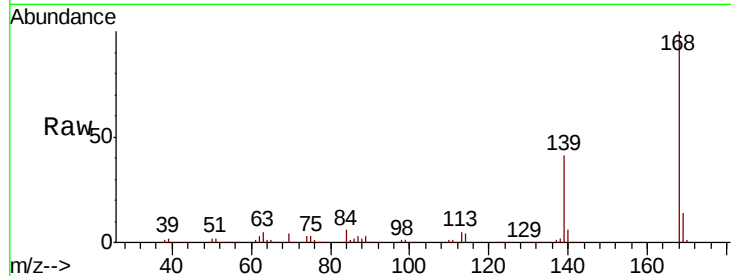




#55
Dibenzenofuran
Concen: 46.778 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.0	49.6
169	13.5	11.5	17.3

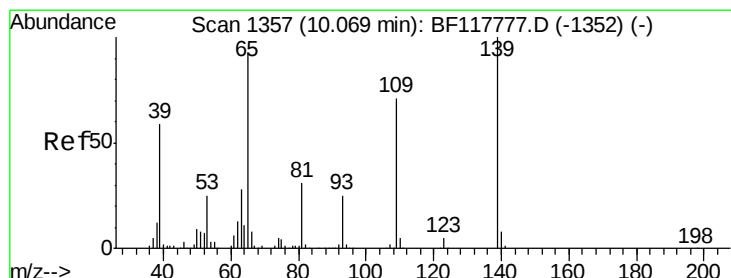
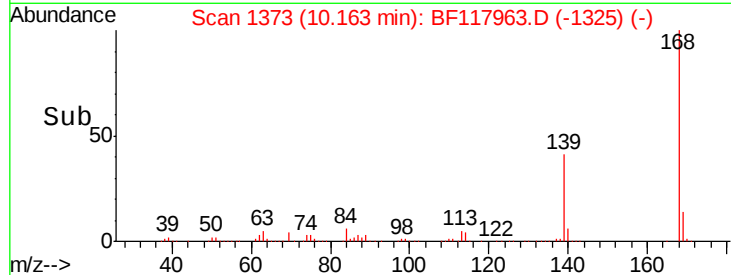
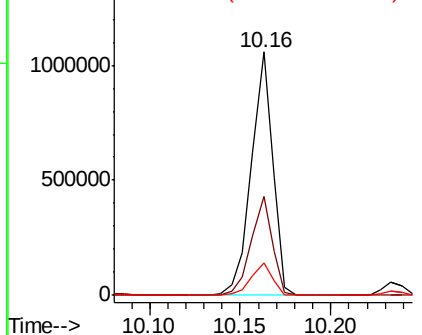


Abundance

Ion 168.00 (167.70 to 168.70): E

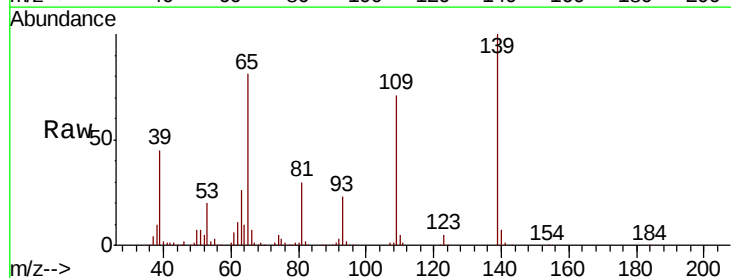
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 95.265 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.3	50.8	90.8
65	80.7	73.6	113.6

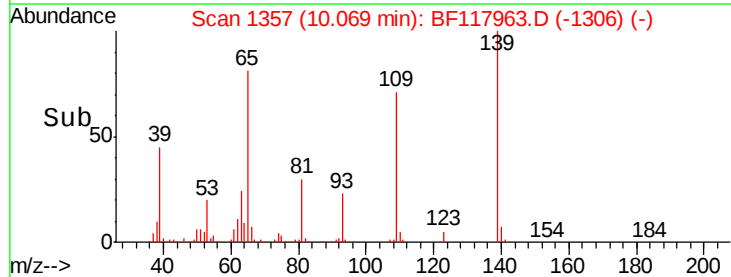
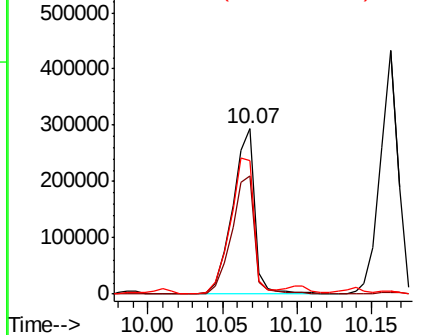


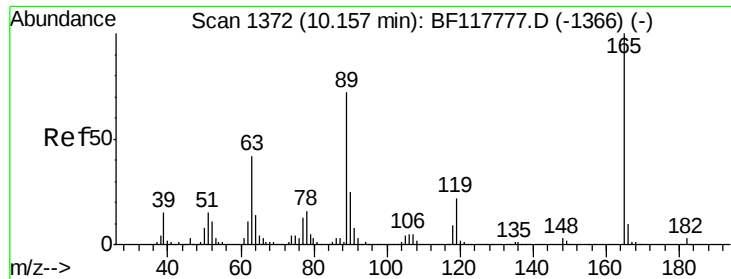
Abundance

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

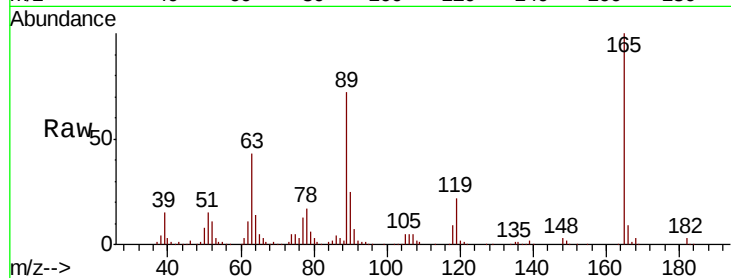




#57
2,4-Dinitrotoluene
Concen: 49.462 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	33.7	50.5
89	71.6	57.3	85.9
182	2.7	2.3	3.5



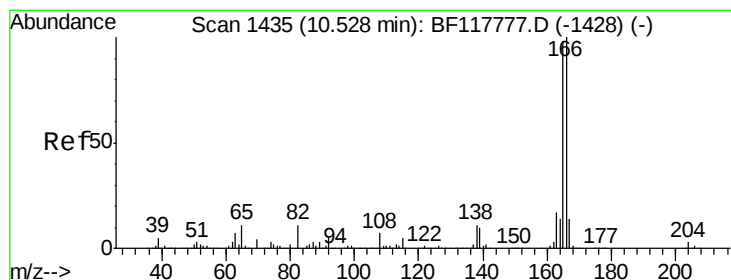
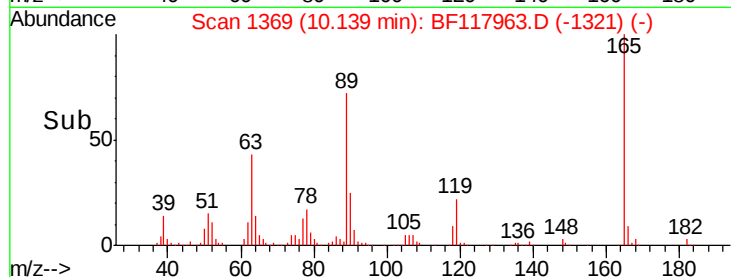
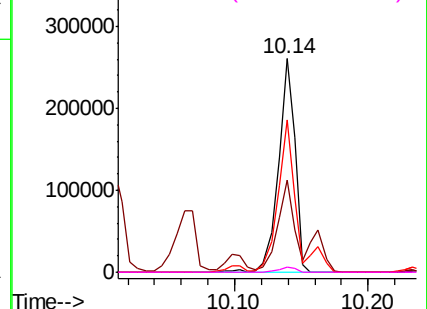
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

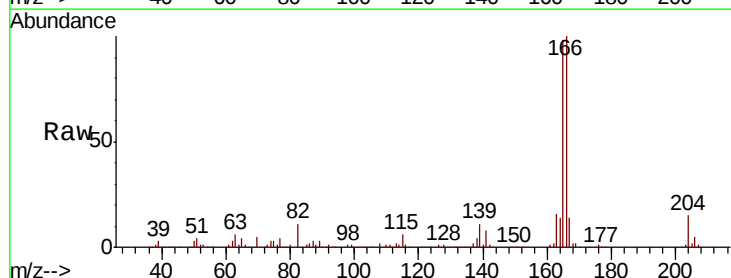
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.690 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.9	11.0	16.4

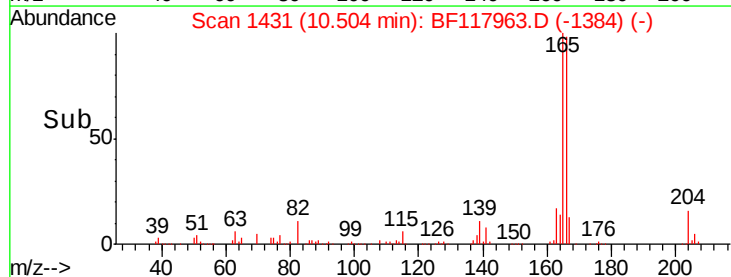
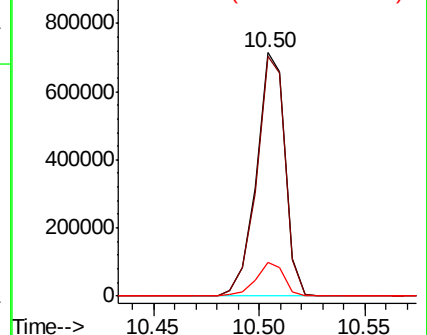


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

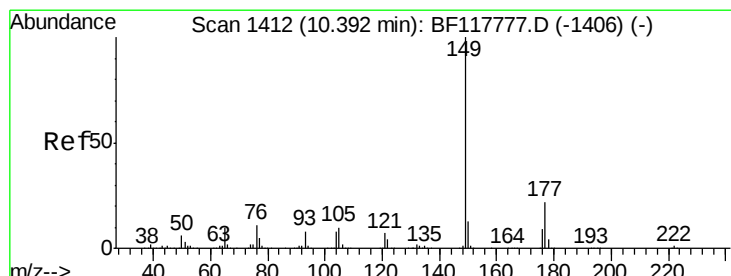
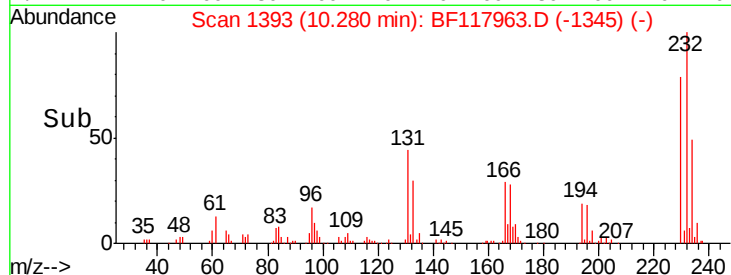
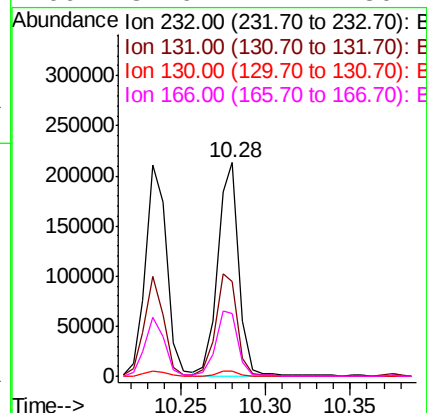
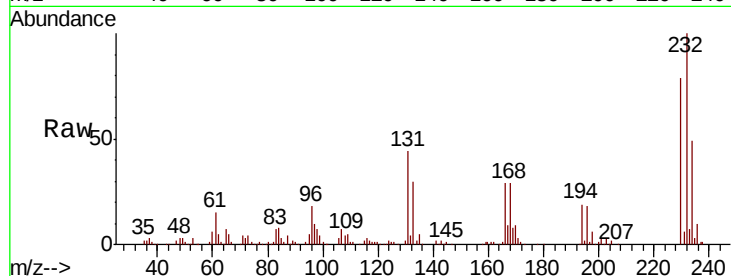




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.524 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

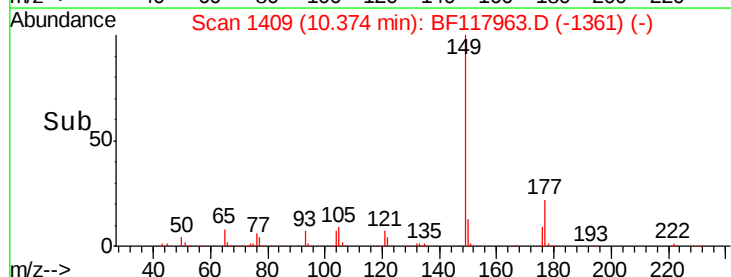
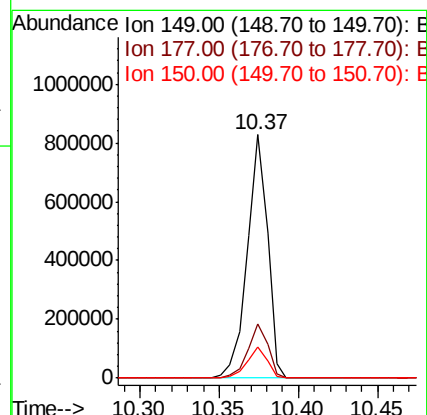
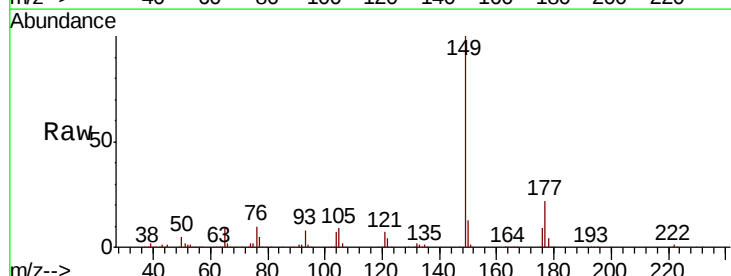
Instrument :
BNA_F
ClientSampleId :

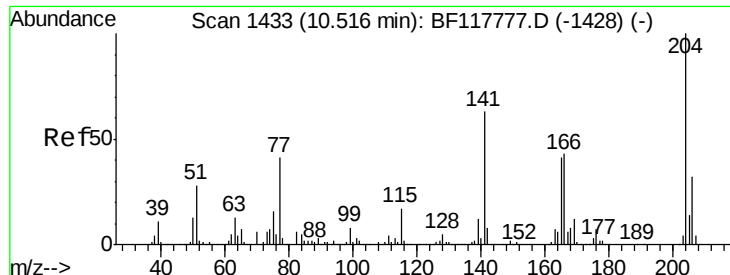
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	37.6	56.4
130	2.4	1.9	2.9
166	32.6	24.2	36.4



#60
Diethylphthalate
Concen: 45.394 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.8	10.5	15.7

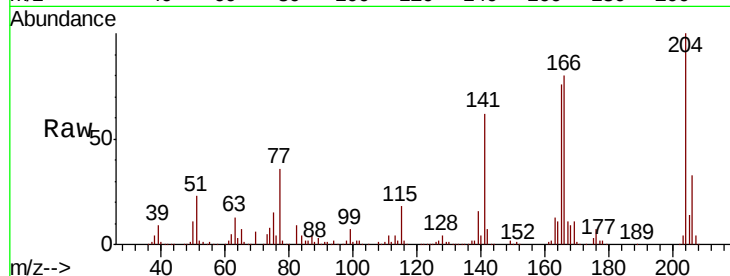




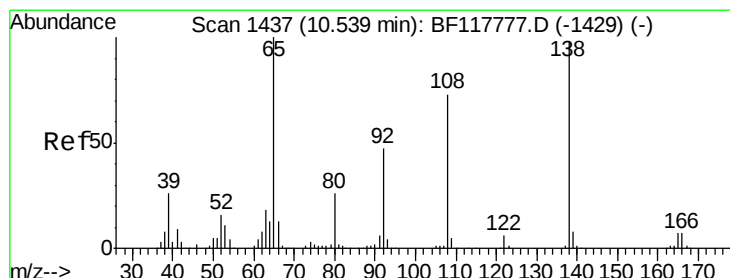
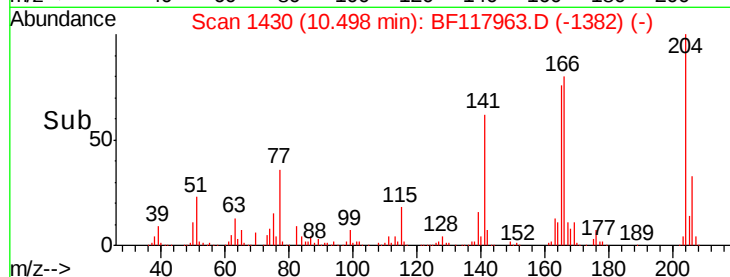
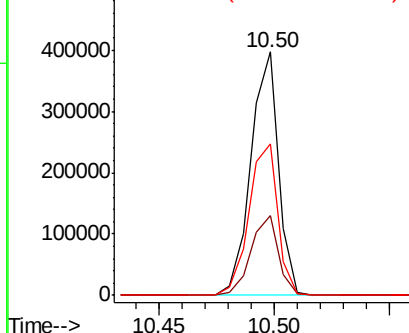
#61
 4-Chlorophenyl-phenylether
 Concen: 45.323 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 332340
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 62.5 50.7 76.1

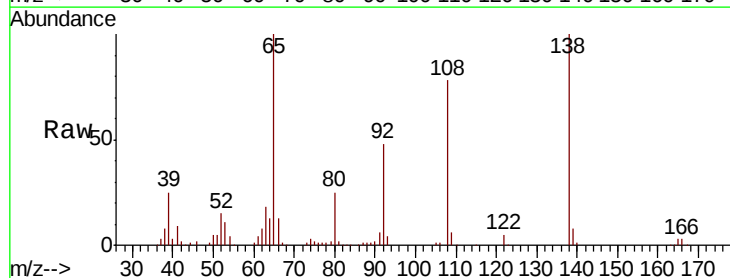


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

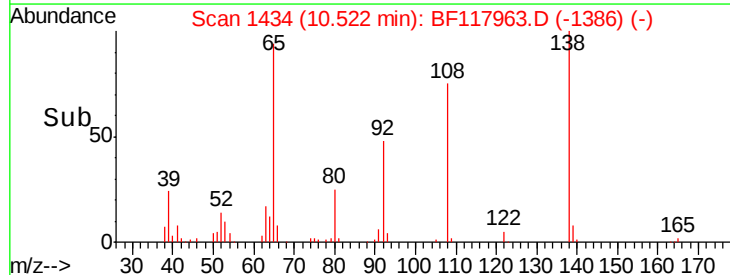
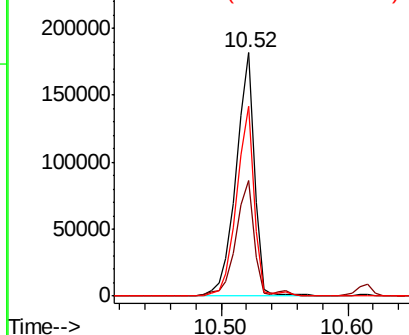


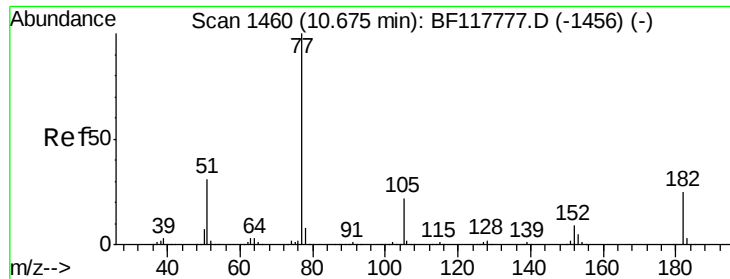
#62
 4-Nitroaniline
 Concen: 41.763 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion:138 Resp: 181142
 Ion Ratio Lower Upper
 138 100
 92 47.6 28.3 68.3
 108 78.1 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: 45.402 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 667056

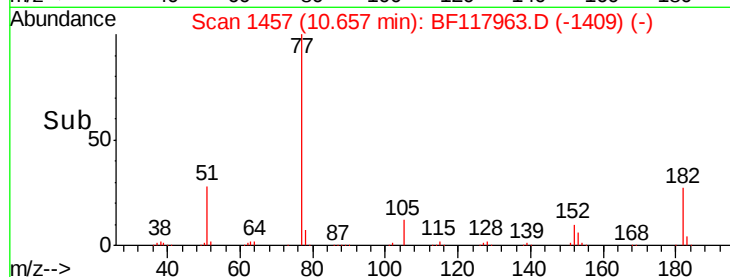
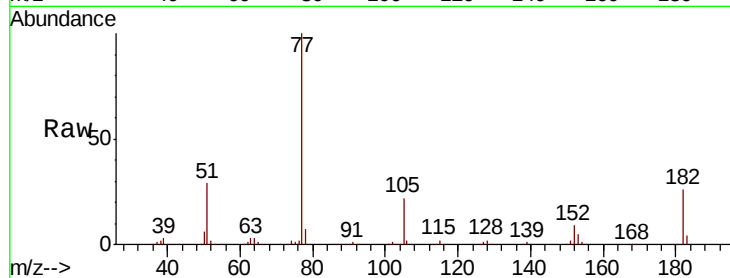
Ion Ratio Lower Upper

77 100

182 25.8 4.8 44.8

105 21.7 2.1 42.1

51 29.1 11.4 51.4

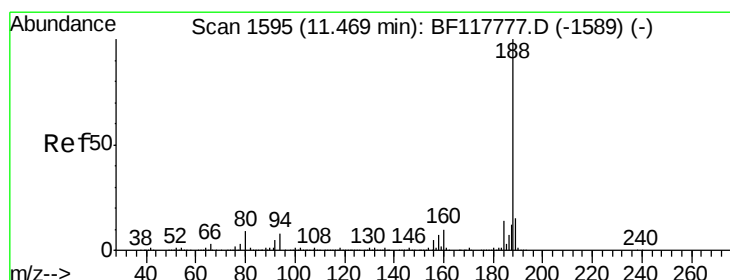
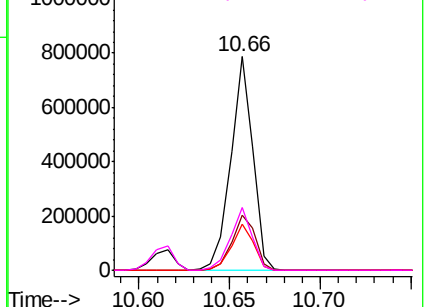


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

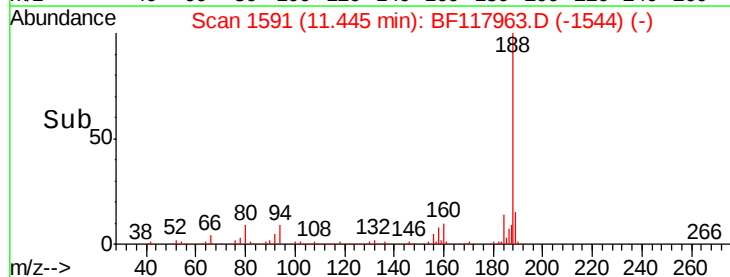
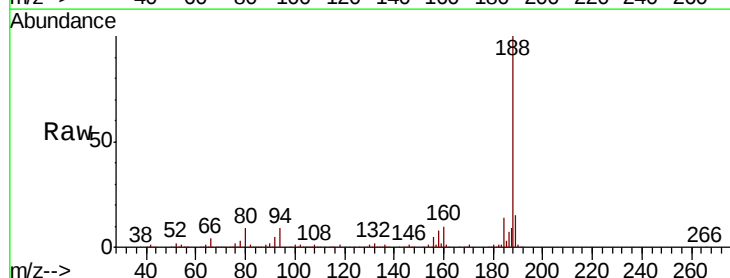
Tgt Ion: 188 Resp: 474533

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

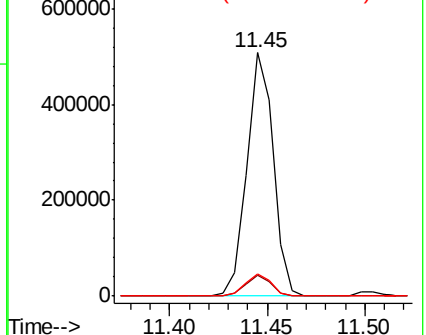
80 9.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 56.048 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

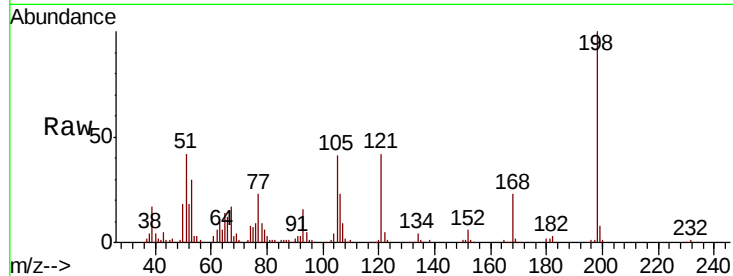
Tot Ion:198 Resp: 124162

Ion Ratio Lower Upper

198 100

51 41.6 16.0 56.0

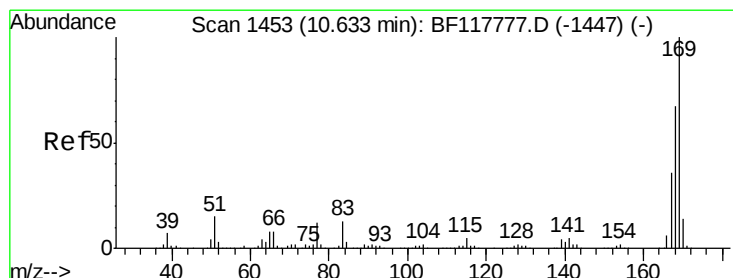
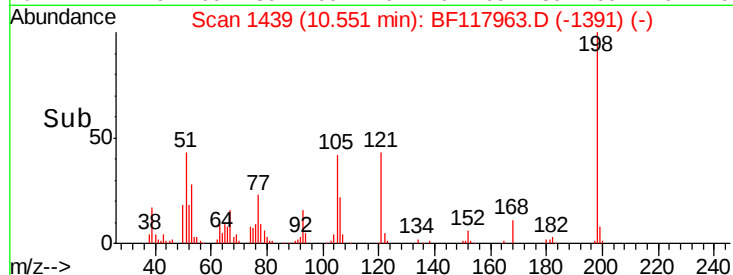
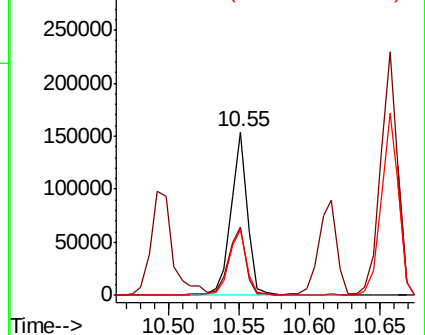
105 40.6 19.1 59.1



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: 43.630 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

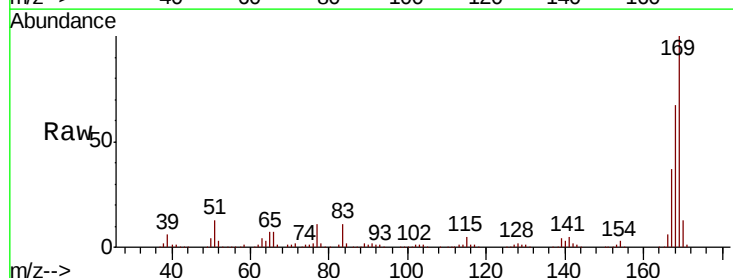
Tgt Ion:169 Resp: 602543

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

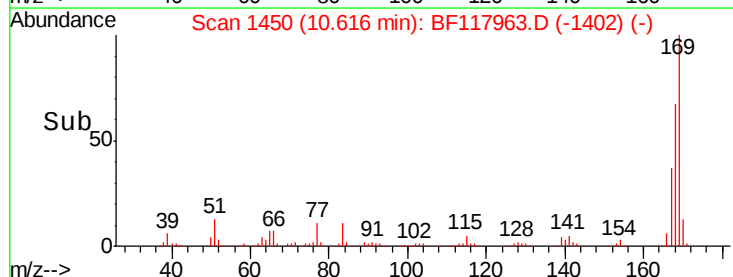
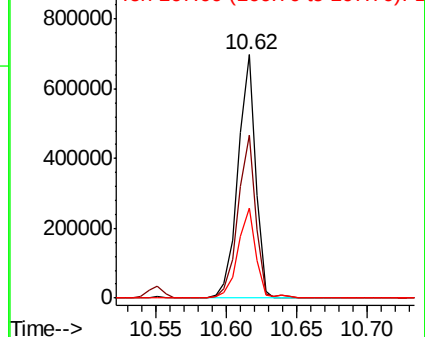
167 37.0 29.0 43.4



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

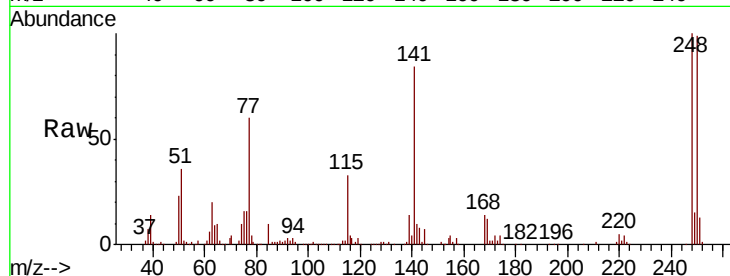




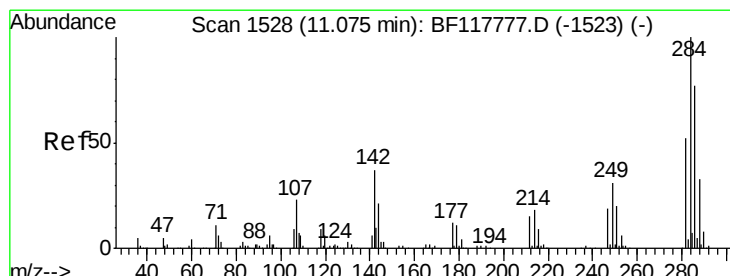
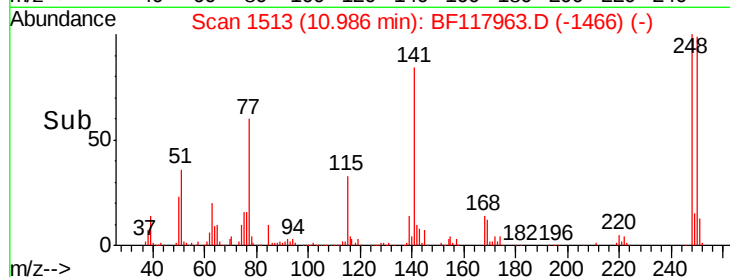
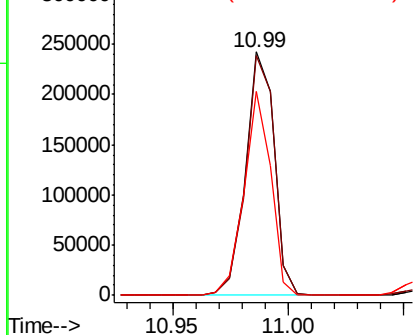
#67
4-Bromophenyl-phenylether
Concen: 41.173 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 210810
Ion Ratio Lower Upper
248 100
250 98.5 76.6 115.0
141 83.9 55.9 83.9

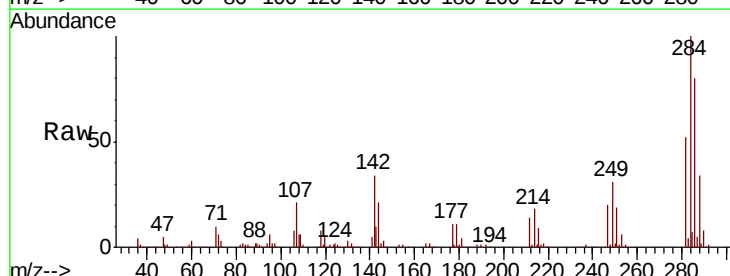


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

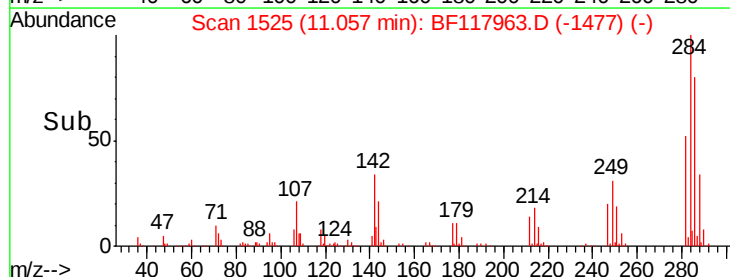
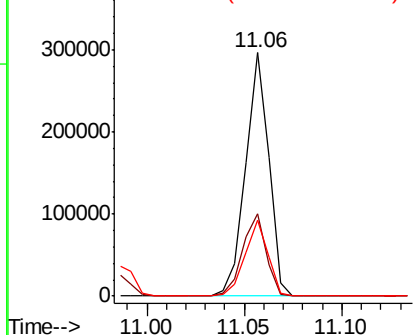


#68
Hexachlorobenzene
Concen: 41.076 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:284 Resp: 245235
Ion Ratio Lower Upper
284 100
142 34.1 29.4 44.2
249 31.2 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

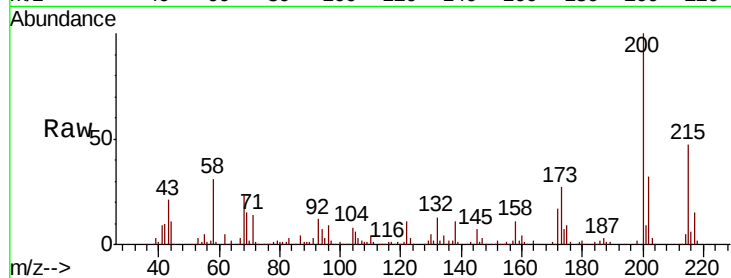




#69
Atrazine
Concen: 45.995 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.7	46.7
215	46.8	27.5	67.5

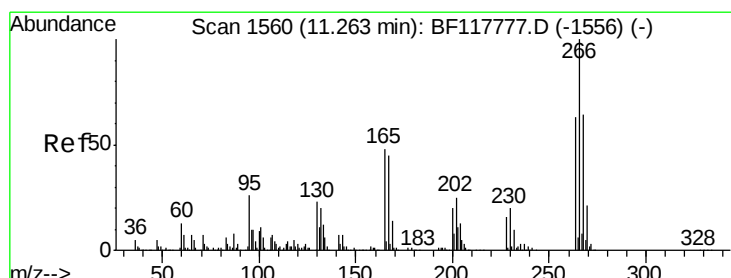
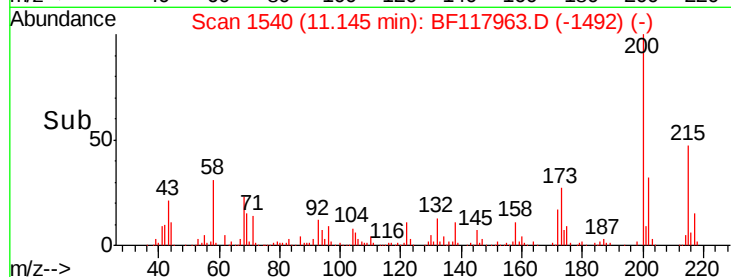
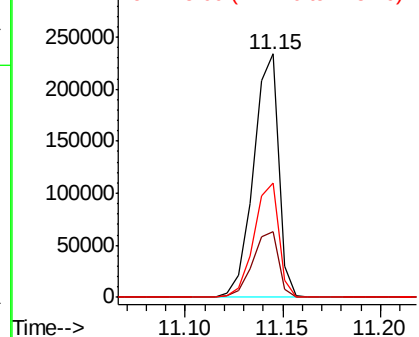


Abundance

Ion 200.00 (199.70 to 200.70): E

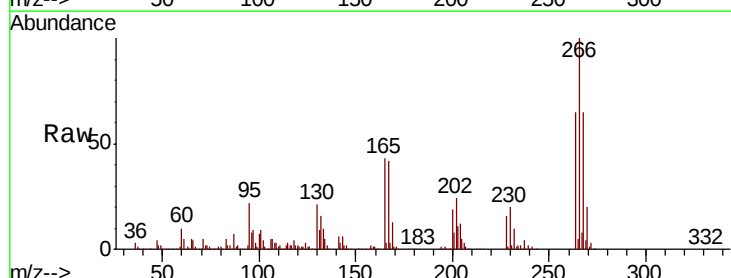
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.897 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.8	76.2
264	65.3	50.7	76.1

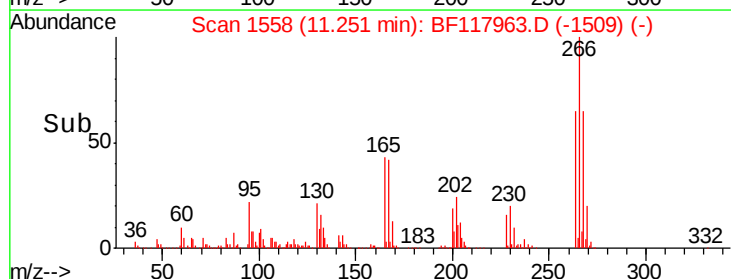
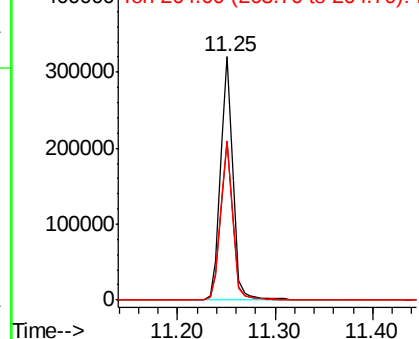


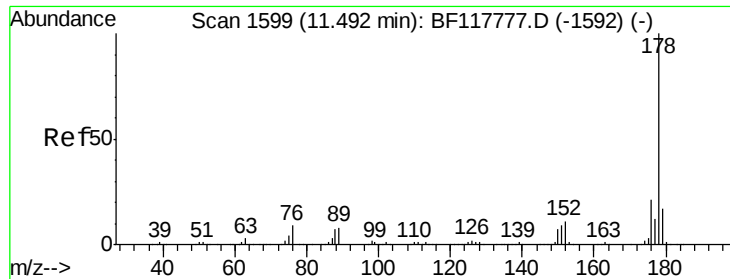
Abundance

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

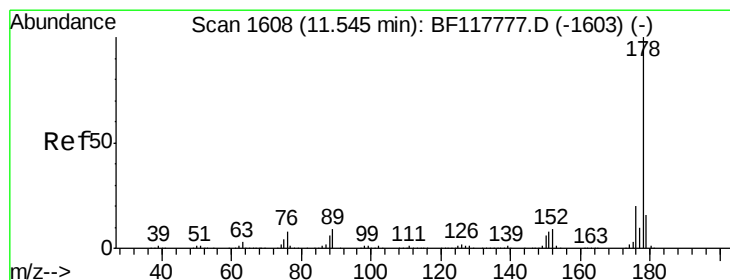
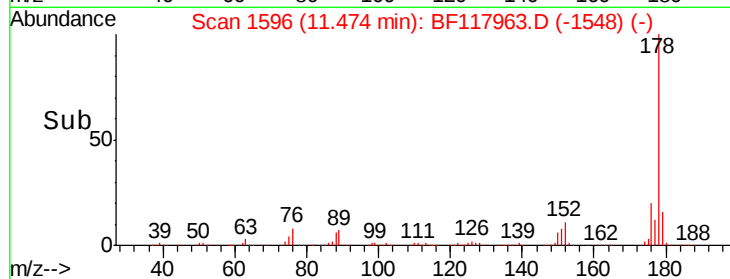
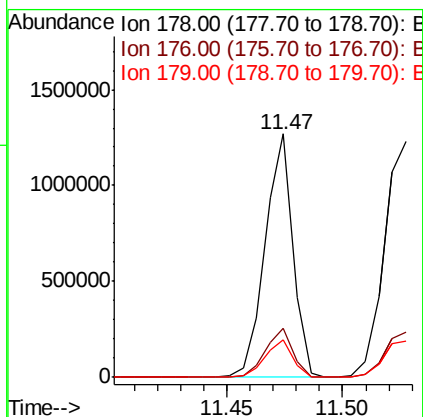
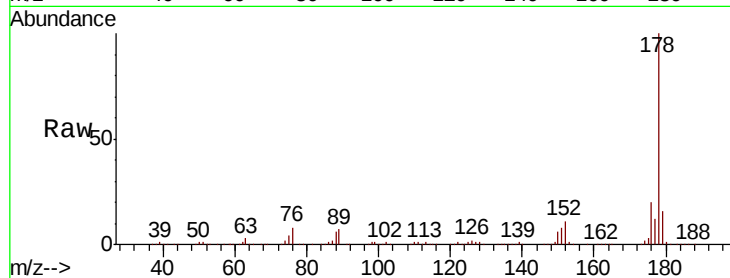




#71
Phenanthrene
Concen: 44.515 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

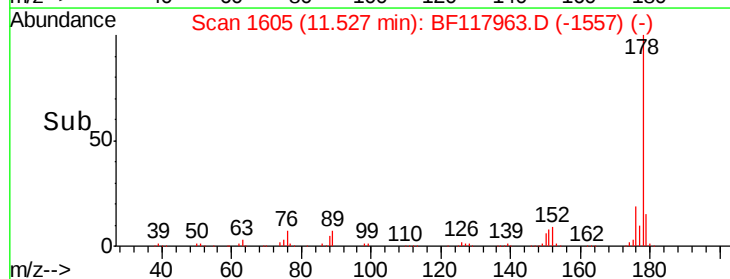
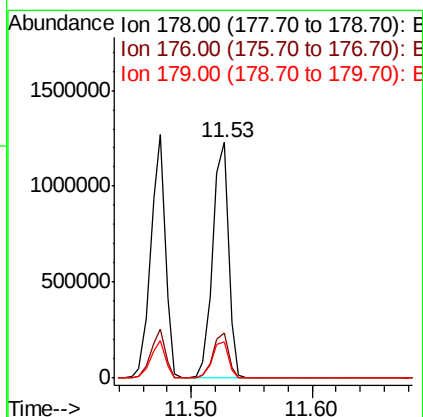
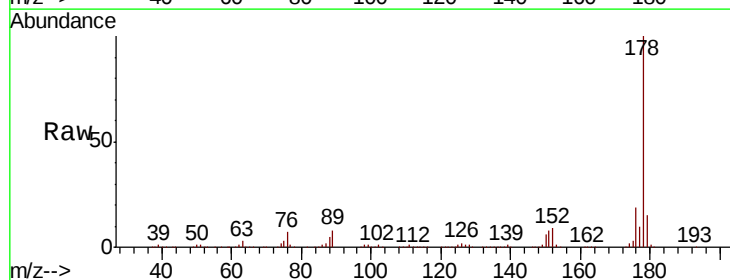
Instrument :
BNA_F
ClientSampleId :

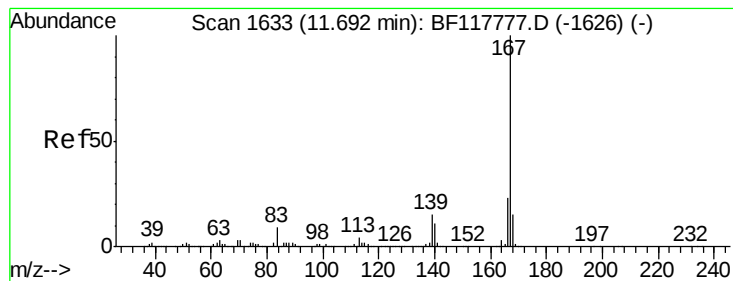
Tot Ion:178 Resp: 1062038
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.5 13.2 19.8



#72
Anthracene
Concen: 46.590 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:178 Resp: 1102066
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 15.3 13.0 19.4





#73

Carbazole

Concen: 47.258 ng

RT: 11.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

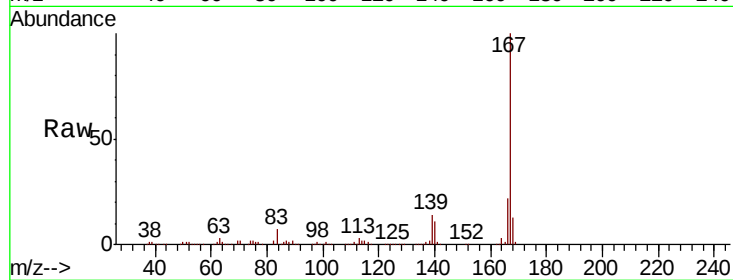
Tot Ion:167 Resp: 976858

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

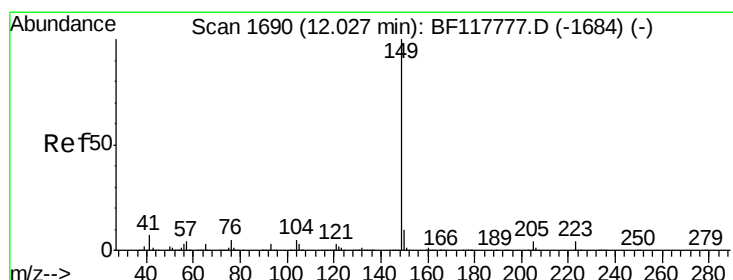
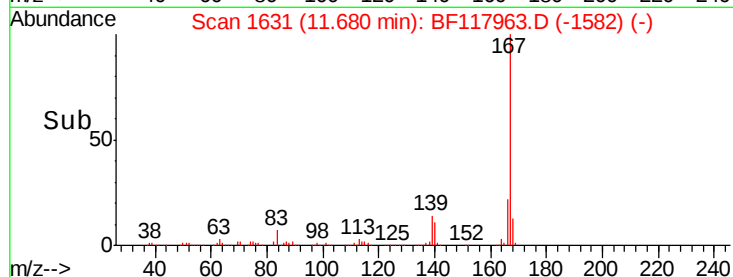
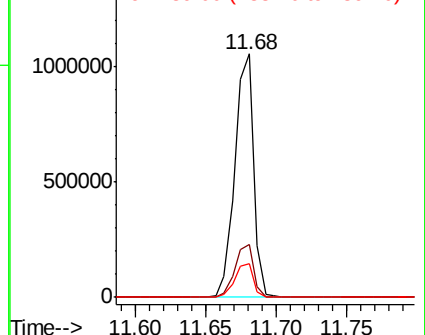
139 13.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.780 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

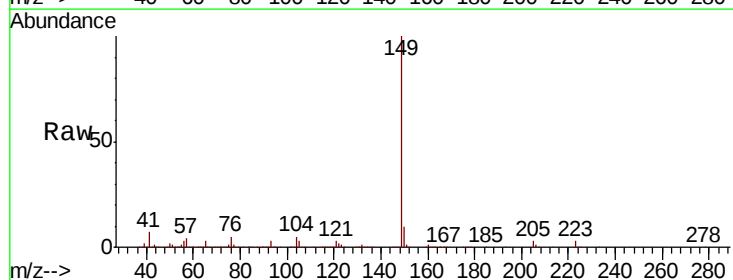
Tgt Ion:149 Resp: 1178226

Ion Ratio Lower Upper

149 100

150 9.5 7.9 11.9

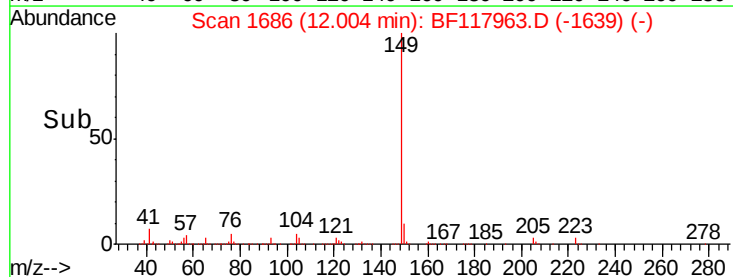
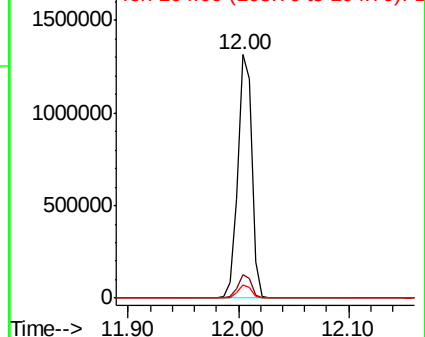
104 5.3 4.2 6.4

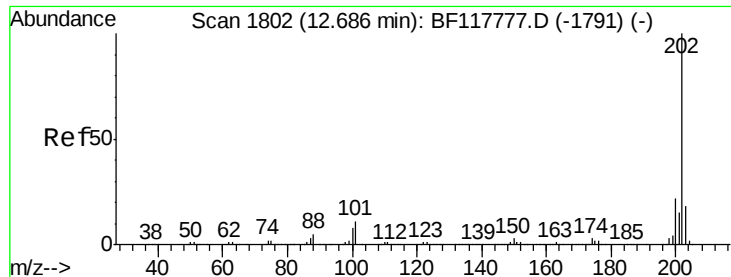


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



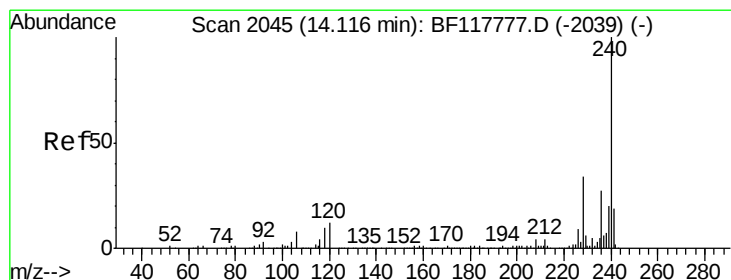
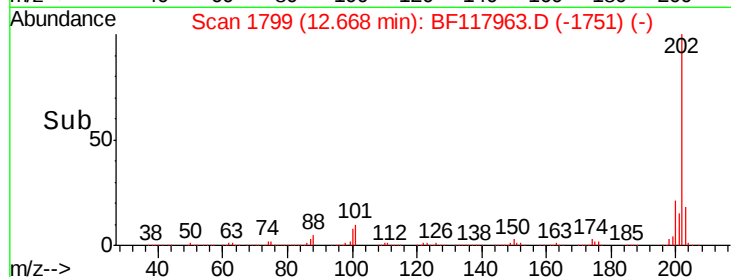
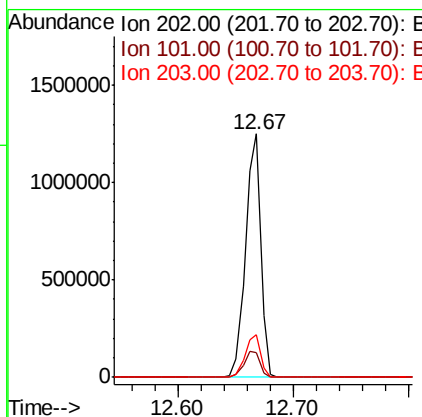
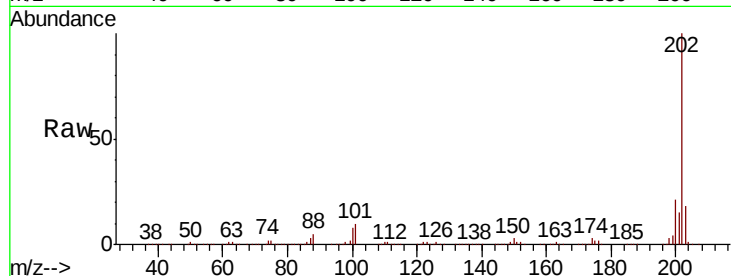


#75
 Fluoranthene
 Concen: 53.879 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1138306

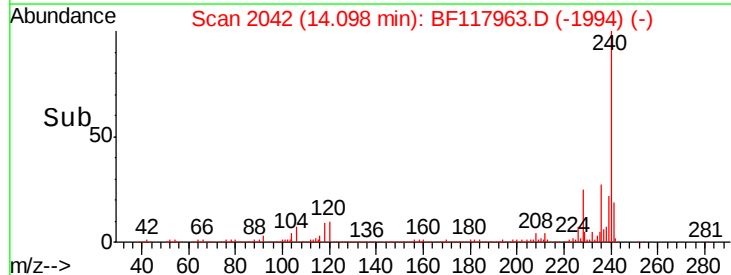
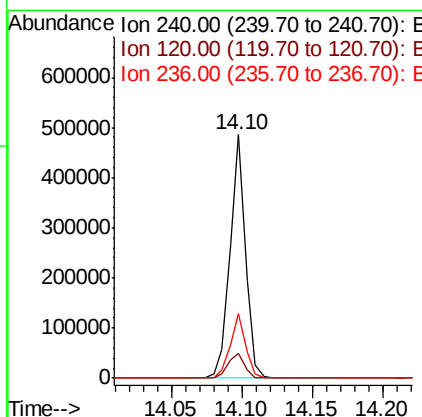
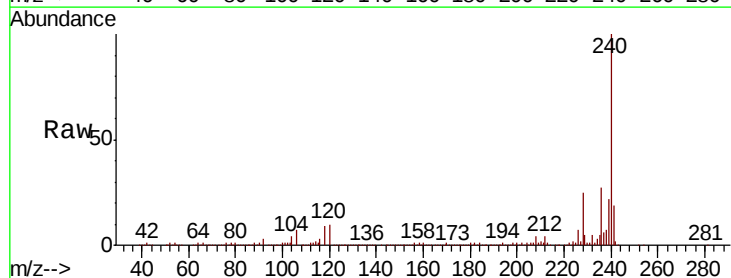
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
203	17.7	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BF117963.D
 Acq: 23 Nov 2019 18:15

Tgt Ion:240 Resp: 369314

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.5	21.3	31.9





#77

Benzidine

Concen: 42.366 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

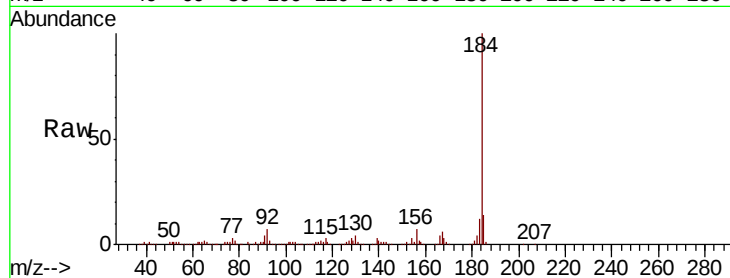
Tot Ion:184 Resp: 512504

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

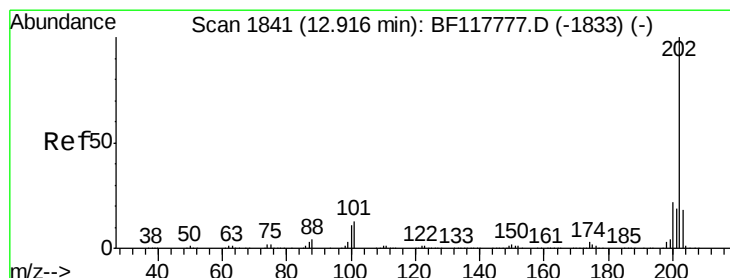
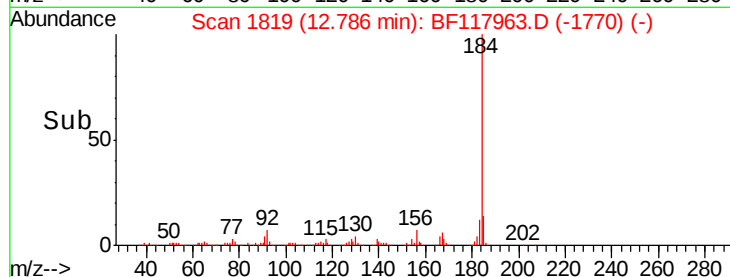
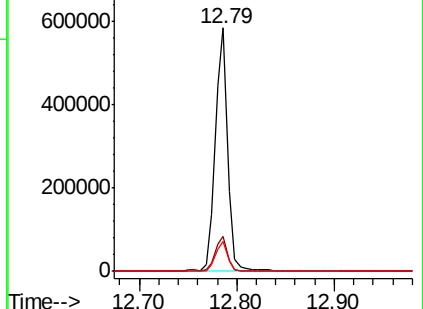
183 12.2 9.5 14.3



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: 39.247 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

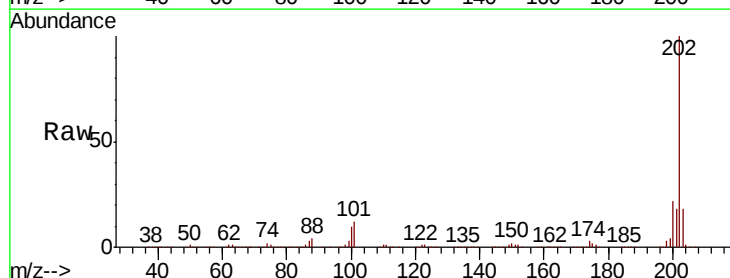
Tgt Ion:202 Resp: 1171374

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.8

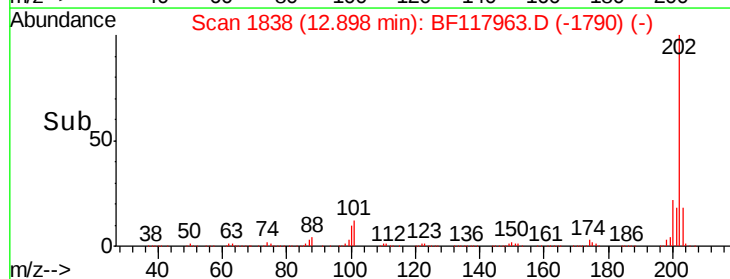
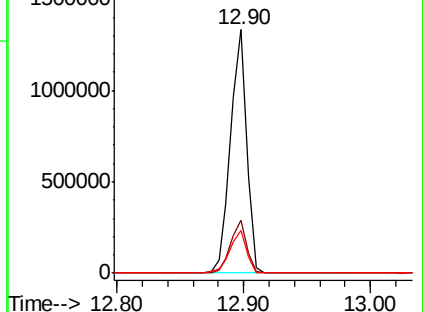
203 17.7 14.6 22.0

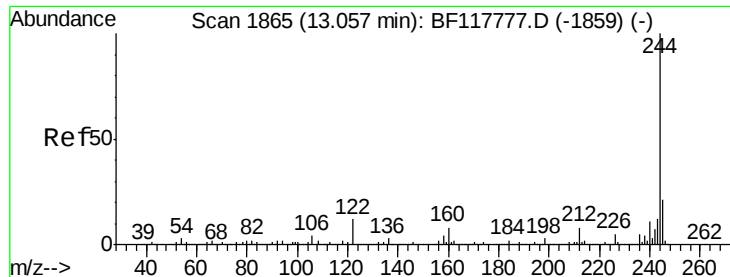


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.356 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

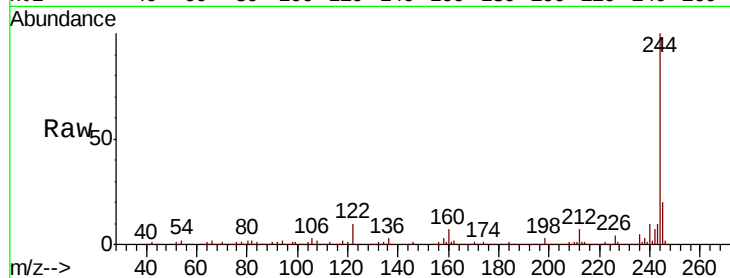
Tot Ion:244 Resp: 1522746

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

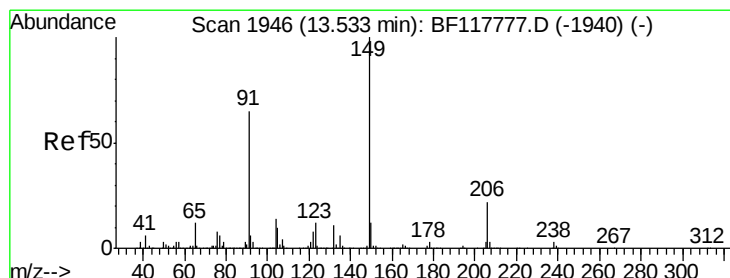
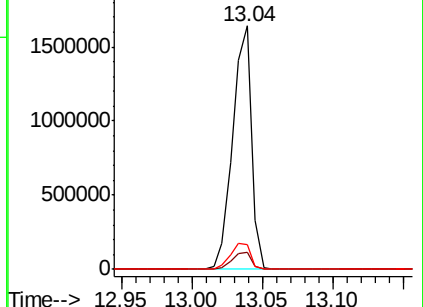
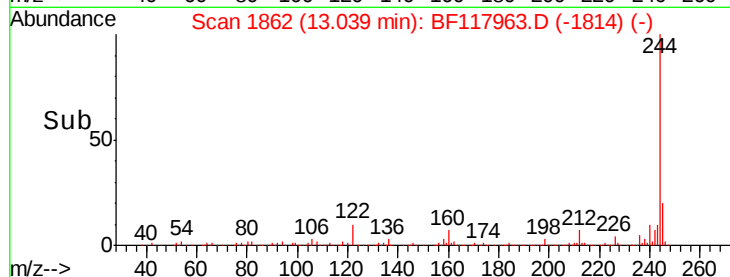
122 9.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.350 ng

RT: 13.51 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

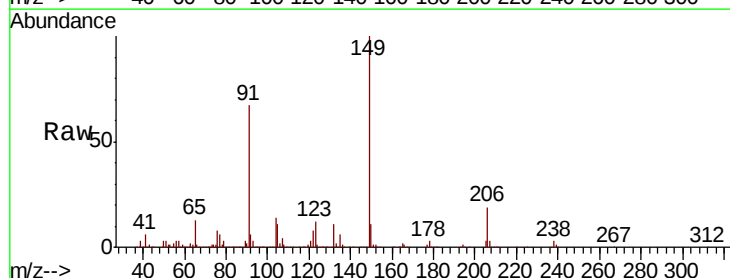
Tgt Ion:149 Resp: 530069

Ion Ratio Lower Upper

149 100

91 67.4 51.9 77.9

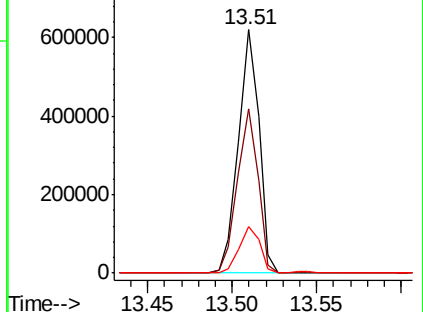
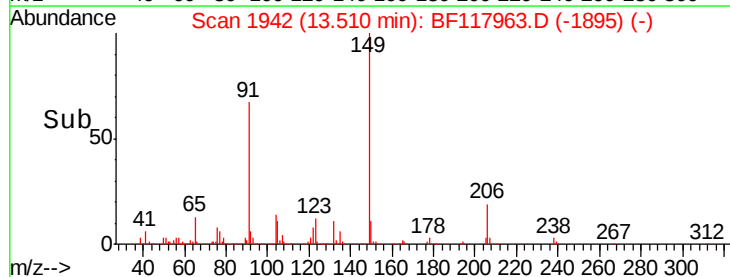
206 19.3 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.207 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

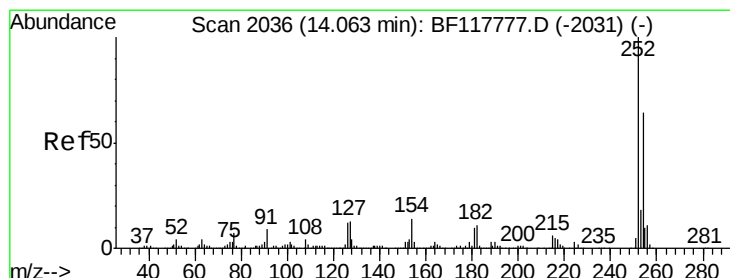
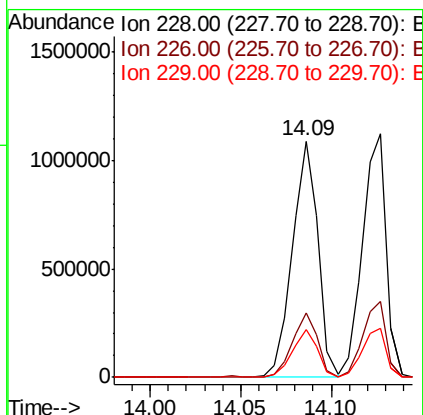
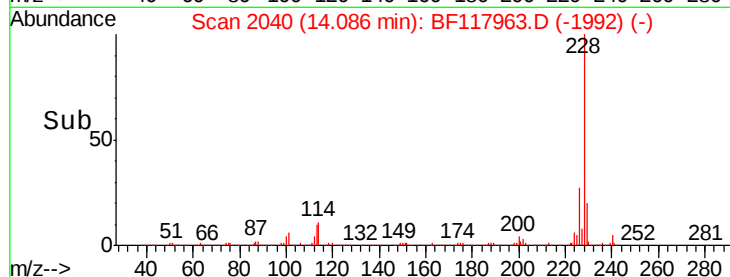
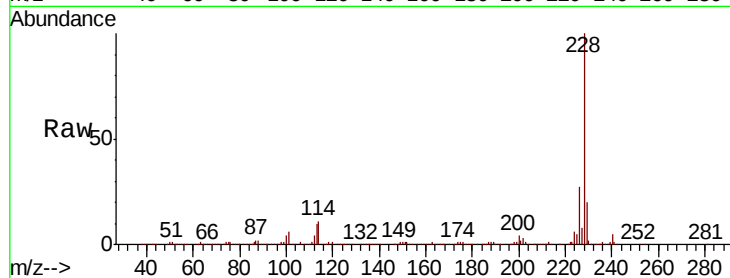
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1078855

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.0	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 29.776 ng

RT: 14.04 min Scan# 2033

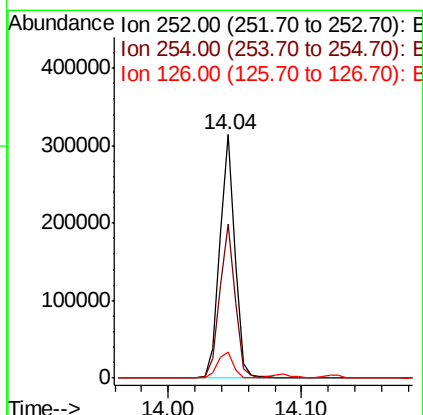
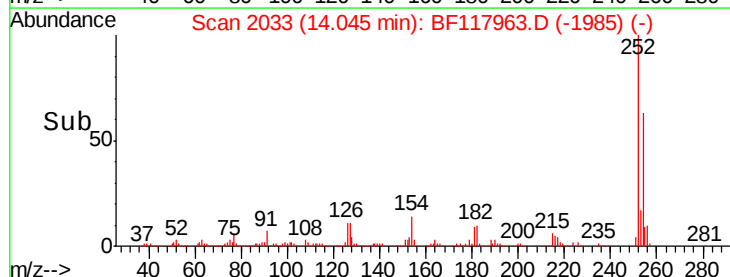
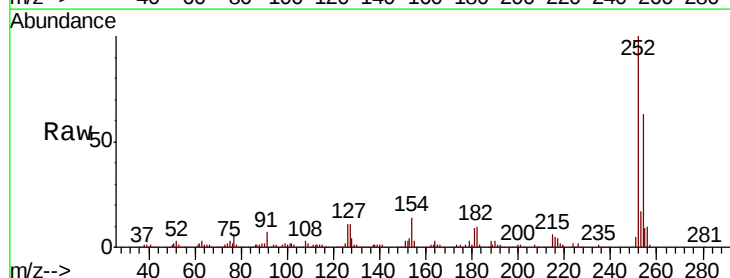
Delta R.T. -0.02 min

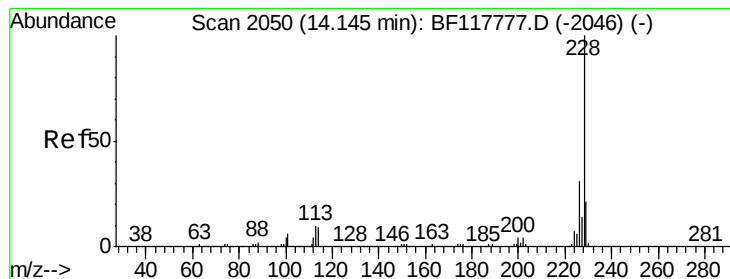
Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Tgt Ion:252 Resp: 254183

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.6
126	10.8	9.7	14.5





#83

Chrysene

Concen: 43.087 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampled :

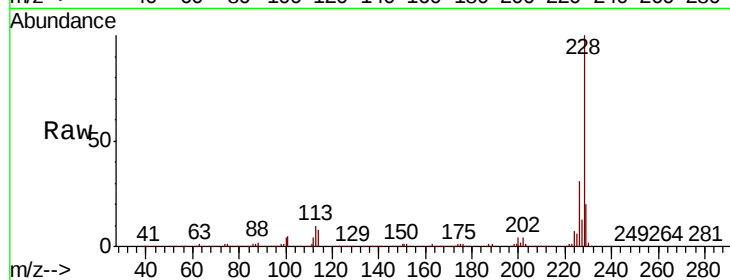
Tot Ion:228 Resp: 1018935

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

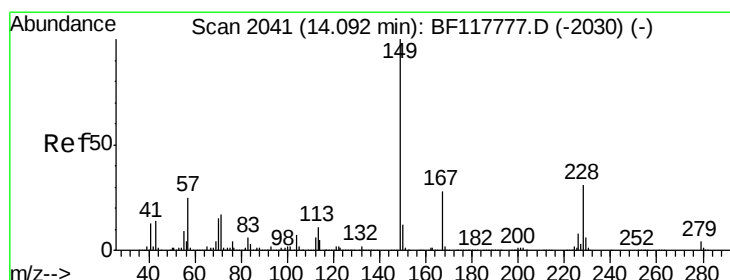
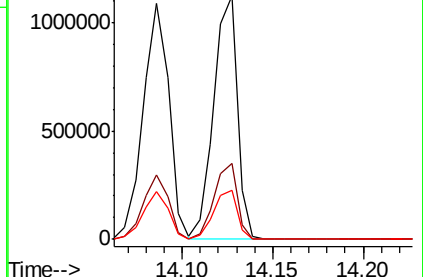
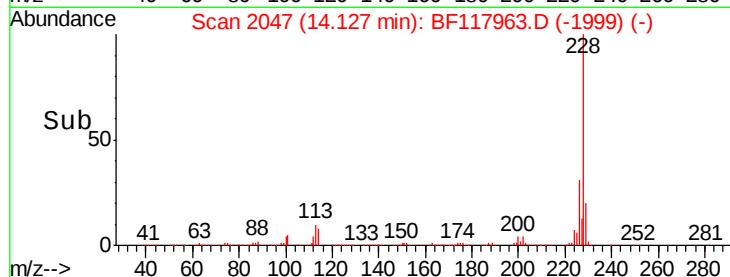
229 19.9 16.6 25.0



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: 46.544 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

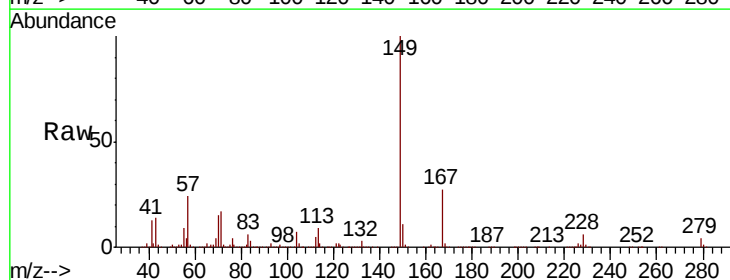
Tgt Ion:149 Resp: 723342

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

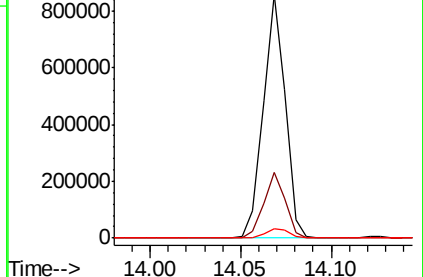
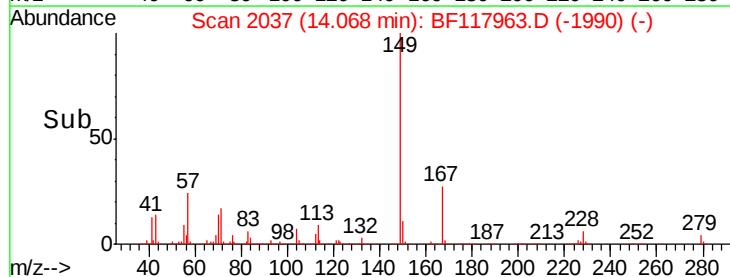
279 4.0 3.4 5.2

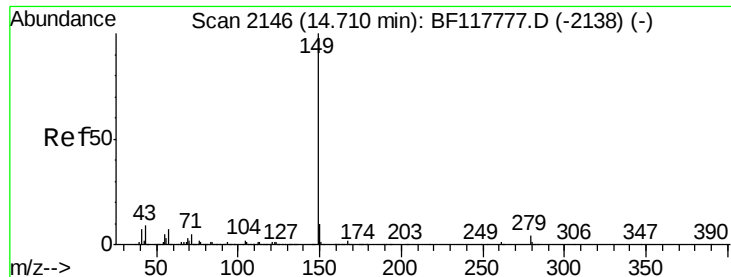


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

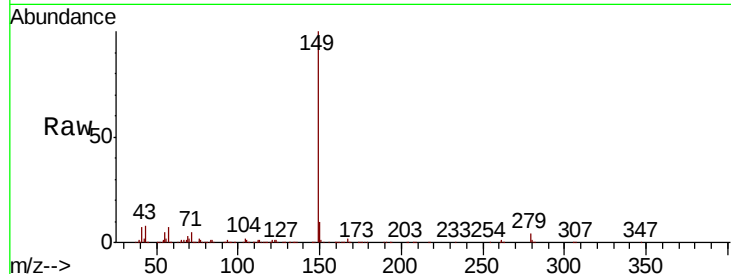




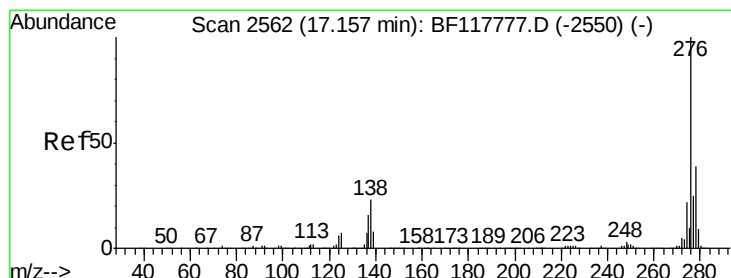
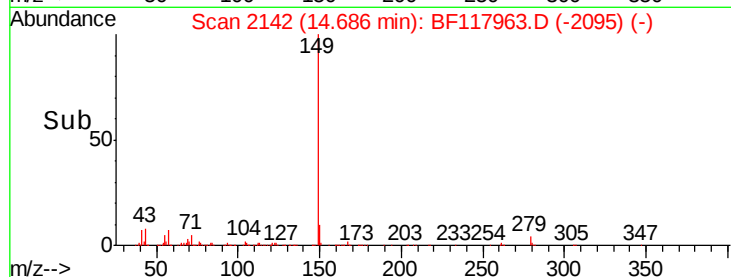
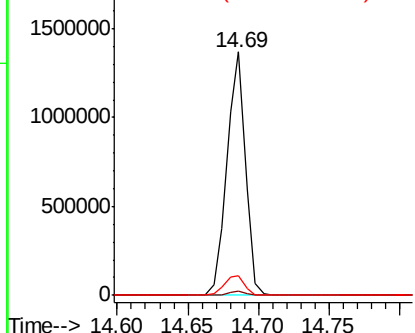
#85
Di-n-octyl phthalate
Concen: 54.488 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1244031
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.4 11.2

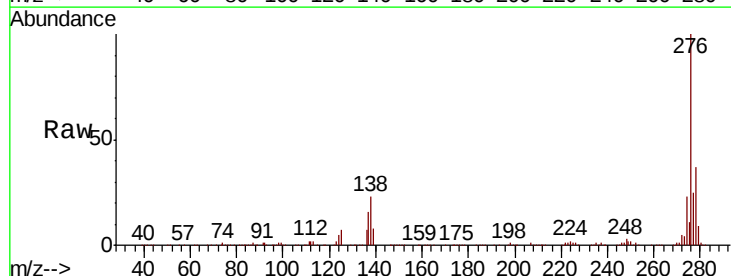


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

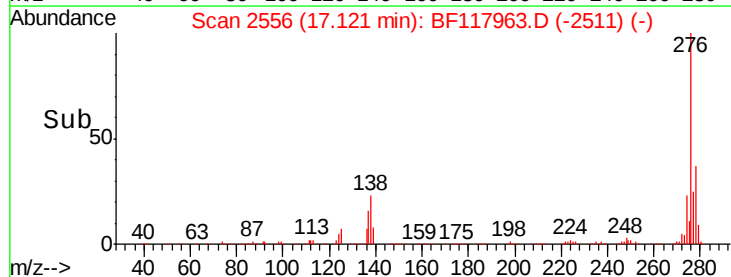
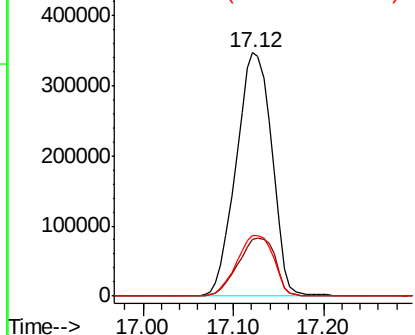


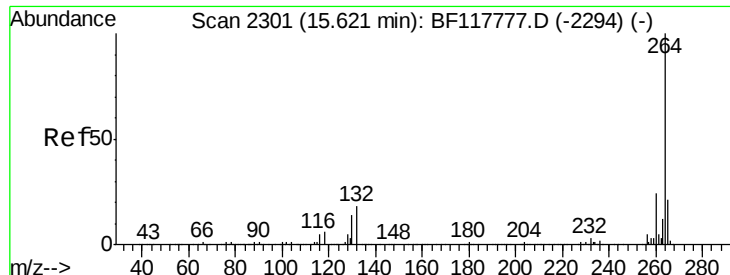
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.208 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.04 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:276 Resp: 950151
Ion Ratio Lower Upper
276 100
138 25.2 20.9 31.3
277 25.9 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

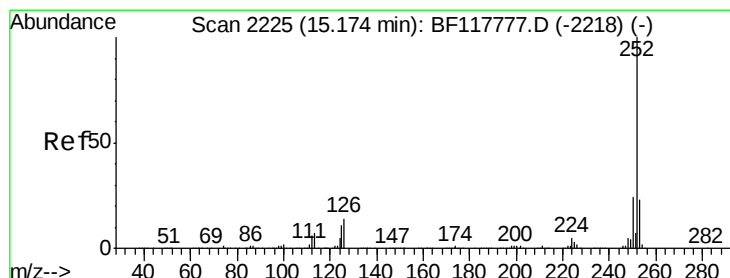
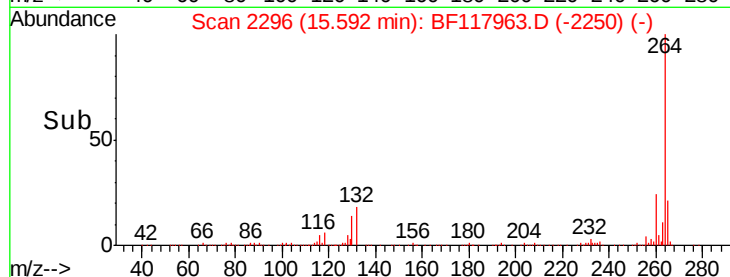
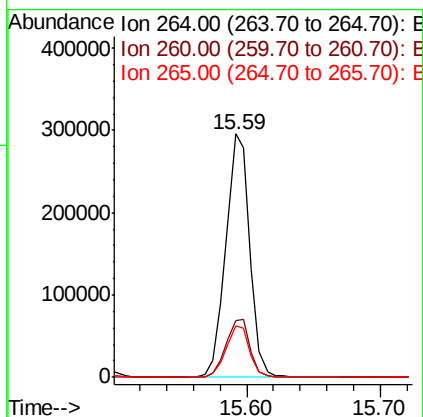
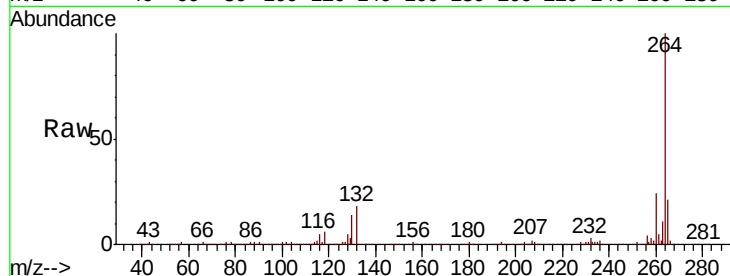




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.03 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

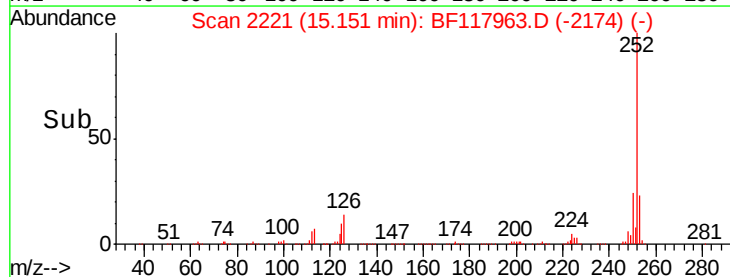
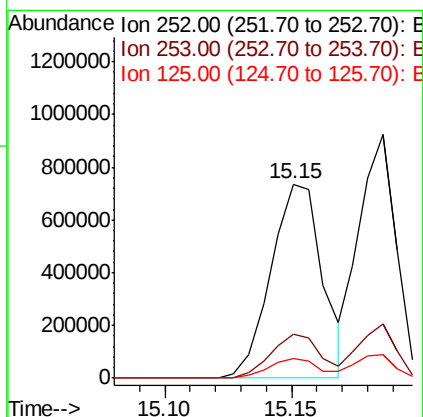
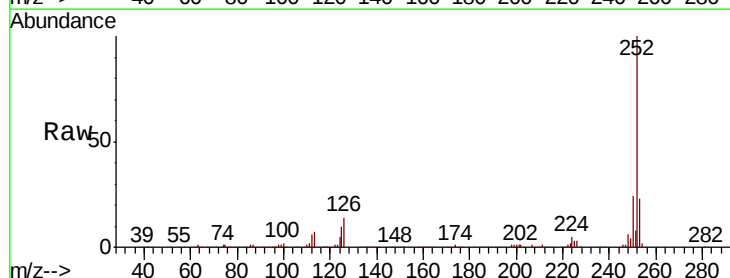
Instrument :
BNA_F
ClientSampleId :

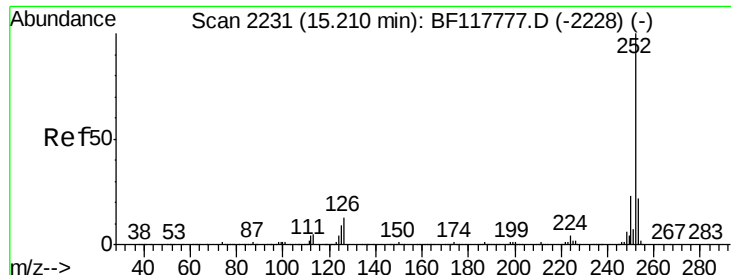
Tot Ion:264 Resp: 373163
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 21.2 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 42.997 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:252 Resp: 1042432
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 10.4 8.6 13.0

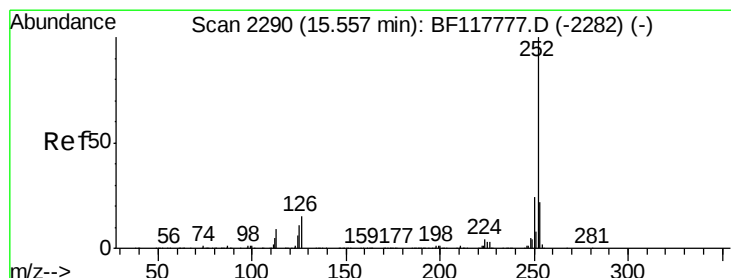
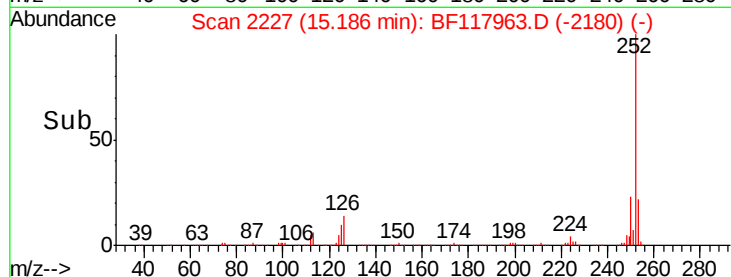
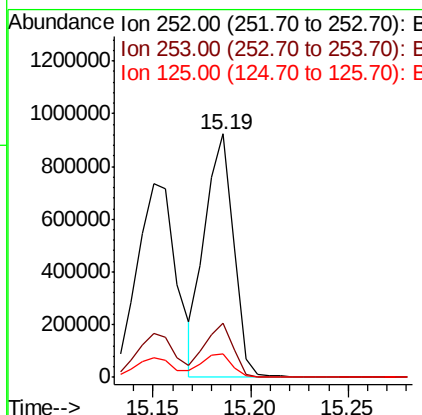
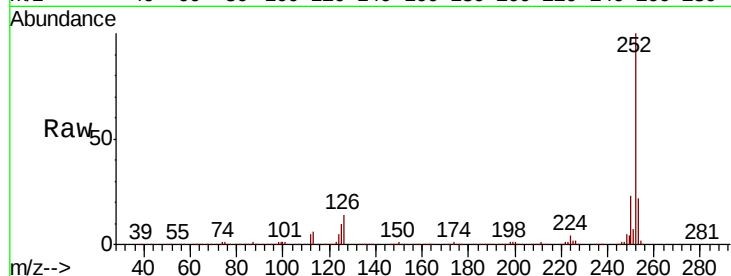




#89
Benzo(k)fluoranthene
Concen: 41.346 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

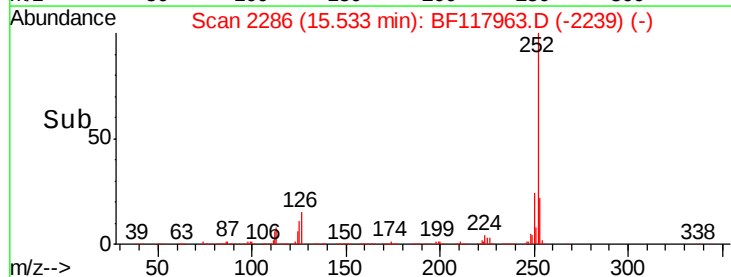
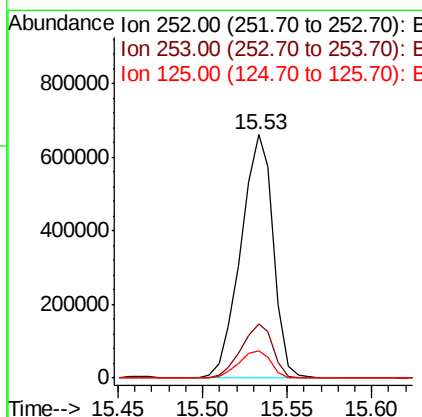
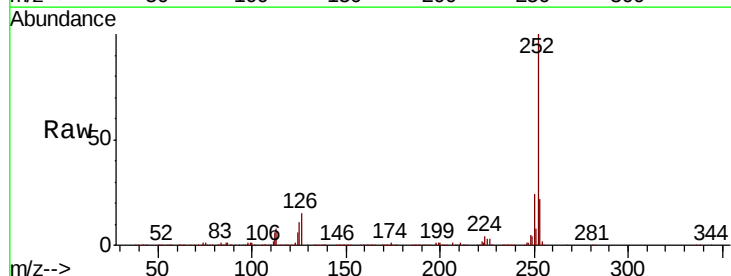
Instrument :
BNA_F
ClientSampleId :

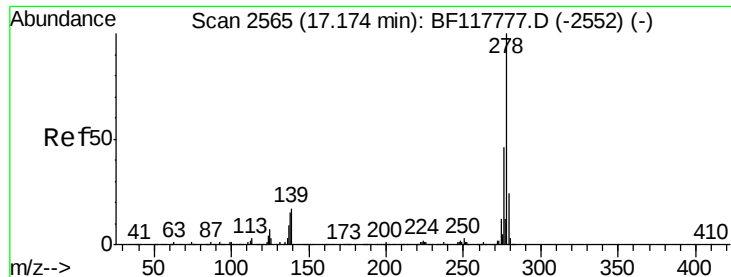
Tot Ion:252 Resp: 944499
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.7 7.9 11.9



#90
Benzo(a)pyrene
Concen: 41.516 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BF117963.D
Acq: 23 Nov 2019 18:15

Tgt Ion:252 Resp: 885089
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 43.258 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.04 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

Instrument :

BNA_F

ClientSampleId :

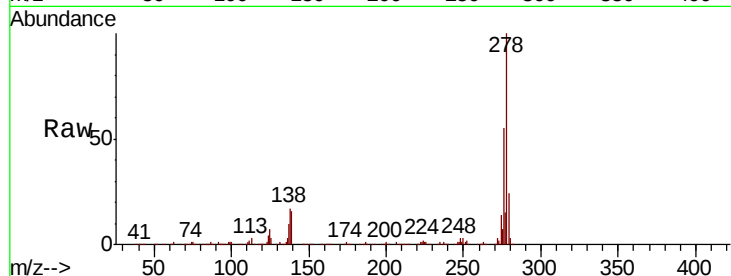
Tot Ion:278 Resp: 793786

Ion Ratio Lower Upper

278 100

139 16.2 13.8 20.8

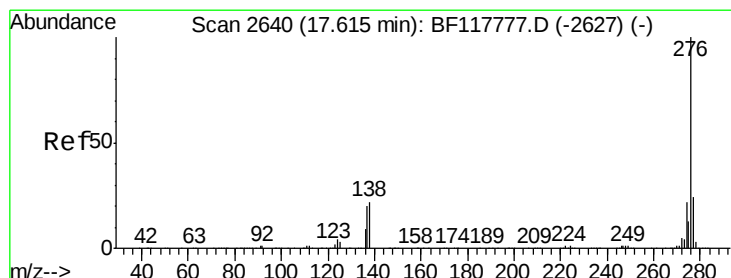
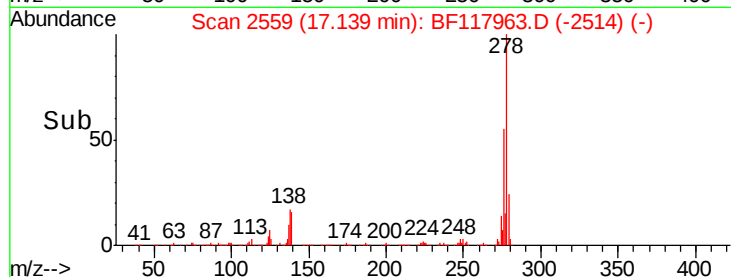
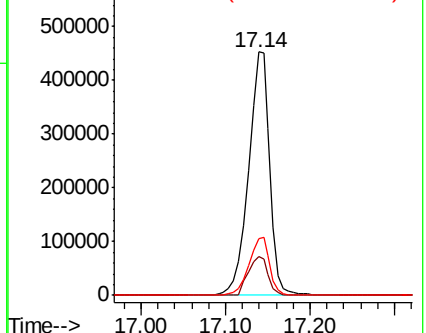
279 23.5 19.6 29.4



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: 43.624 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.03 min

Lab File: BF117963.D

Acq: 23 Nov 2019 18:15

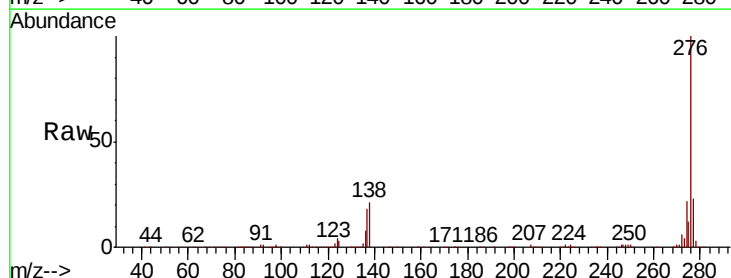
Tgt Ion:276 Resp: 797312

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 21.3 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

