

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117962.D
 Acq On : 23 Nov 2019 17:48
 Operator : JU
 Sample : K5951-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:52:35 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	143681	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	486905	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	309098	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	617759	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	452264	20.00	ng	-0.02
87) Perylene-d12	15.60	264	402574	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	867436	106.87	ng	-0.01
7) Phenol-d6	6.53	99	1137101	116.14	ng	-0.01
23) Nitrobenzene-d5	7.47	82	717333	87.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	396459	121.15	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1367249	79.36	ng	-0.02
79) Terphenyl-d14	13.04	244	1643451	66.41	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.71	88	124341	32.771	ng	98
3) Pyridine	3.47	79	325088	32.663	ng	95
4) n-Nitrosodimethylamine	3.43	42	165248	38.035	ng	98
6) Aniline	6.56	93	400400	30.948	ng	98
8) 2-Chlorophenol	6.69	128	428033	48.597	ng	96
9) Benzaldehyde	6.45	77	202088	29.472	ng	98
10) Phenol	6.55	94	529497	52.045	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	379347	46.432	ng	96
12) 1,3-Dichlorobenzene	6.85	146	463539	44.703	ng	98
13) 1,4-Dichlorobenzene	6.92	146	474910	45.310	ng	99
14) 1,2-Dichlorobenzene	7.07	146	459581	45.847	ng	100
15) Benzyl Alcohol	7.05	79	369001	48.818	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	498720	39.648	ng	98
17) 2-Methylphenol	7.16	107	338784	45.420	ng	98
18) Hexachloroethane	7.42	117	171720	44.598	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	255123	42.239	ng	98
20) 3+4-Methylphenols	7.30	107	427357	46.156	ng	# 87
22) Acetophenone	7.32	105	529371	48.392	ng	# 96
24) Nitrobenzene	7.49	77	422999	50.060	ng	97
25) Isophorone	7.73	82	796521	53.058	ng	98
26) 2-Nitrophenol	7.80	139	239208	58.162	ng	98
27) 2,4-Dimethylphenol	7.84	122	383468	60.003	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	427493	44.874	ng	99
29) 2,4-Dichlorophenol	8.05	162	324672	46.836	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	354448	44.081	ng	98
31) Naphthalene	8.22	128	1119556	49.322	ng	98
32) Benzoic acid	7.96	122	269514	50.367	ng	99
33) 4-Chloroaniline	8.26	127	161953	15.937	ng	98
34) Hexachlorobutadiene	8.33	225	204073	43.409	ng	100
35) Caprolactam	8.63	113	82746	37.558	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	393849	55.983	ng	98
37) 2-Methylnaphthalene	8.91	142	851050	55.490	ng	98
38) 1-Methylnaphthalene	9.01	142	811043	55.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	384813	42.869	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	473598	94.146	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	280147	43.572	nq	98
44) 2,4,5-Trichlorophenol	9.23	196	300866	45.069	nq	99
46) 1,1'-Biphenyl	9.37	154	1036902	45.216	nq	99
47) 2-Chloronaphthalene	9.40	162	826206	43.795	nq	97
48) 2-Nitroaniline	9.49	65	246074	43.205	nq	98
49) Acenaphthylene	9.82	152	1328913	48.316	nq	99
50) Dimethylphthalate	9.67	163	1207533	55.710	nq	99
51) 2,6-Dinitrotoluene	9.73	165	230347	48.625	nq	94
52) Acenaphthene	9.99	154	920119	52.222	nq	99
53) 3-Nitroaniline	9.90	138	139255	24.567	nq	95
54) 2,4-Dinitrophenol	10.02	184	249388	100.430	nq	93
55) Dibenzofuran	10.16	168	1169410	47.930	nq	99
56) 4-Nitrophenol	10.07	139	382392	90.376	nq	97
57) 2,4-Dinitrotoluene	10.15	165	312682	51.889	nq	87
58) Fluorene	10.51	166	803845	42.516	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	264170	48.162	nq	98
60) Diethylphthalate	10.37	149	980031	46.377	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	395135	41.181	nq	99
62) 4-Nitroaniline	10.52	138	228635	40.284	nq	98
63) Azobenzene	10.66	77	896710	46.642	nq	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	168068	58.278	nq	84
66) n-Nitrosodiphenylamine	10.62	169	828673	46.092	nq	100
67) 4-Bromophenyl-phenylether	10.99	248	285750	42.870	nq	95
68) Hexachlorobenzene	11.06	284	338204	43.514	nq	98
69) Atrazine	11.15	200	285993	48.358	nq	99
70) Pentachlorophenol	11.25	266	389811	85.845	nq	98
71) Phenanthrene	11.47	178	1402541	45.157	nq	99
72) Anthracene	11.53	178	1455381	47.262	nq	99
73) Carbazole	11.68	167	1326407	49.291	nq	99
74) Di-n-butylphthalate	12.00	149	1556376	46.452	nq	100
75) Fluoranthene	12.67	202	1487353	54.111	nq	100
77) Benzidine	12.79	184	661493	44.652	nq	98
78) Pyrene	12.90	202	1496456	40.943	nq	99
80) Butylbenzylphthalate	13.51	149	600059	38.225	nq	93
81) Benzo(a)anthracene	14.09	228	1405997	47.045	nq	100
82) 3,3'-Dichlorobenzidine	14.04	252	334822	32.028	nq	98
83) Chrysene	14.13	228	1313745	45.364	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	938851	49.331	nq	98
85) Di-n-octyl phthalate	14.69	149	1580312	56.522	nq	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1227048	49.784	nq	99
88) Benzo(b)fluoranthene	15.16	252	1255110	47.987	nq	99
89) Benzo(k)fluoranthene	15.19	252	1230362	49.925	nq	99
90) Benzo(a)pyrene	15.54	252	1142107	49.658	nq	99
91) Dibenzo(a,h)anthracene	17.16	278	1018321	51.440	nq	98
92) Benzo(g,h,i)perylene	17.60	276	1017910	51.625	nq	98

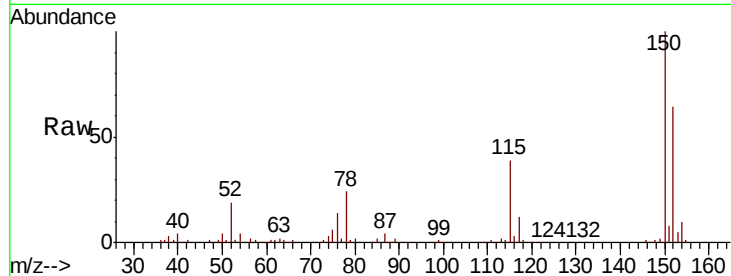
(#) = qualifier out of range (m) = manual integration (+) = signals summed



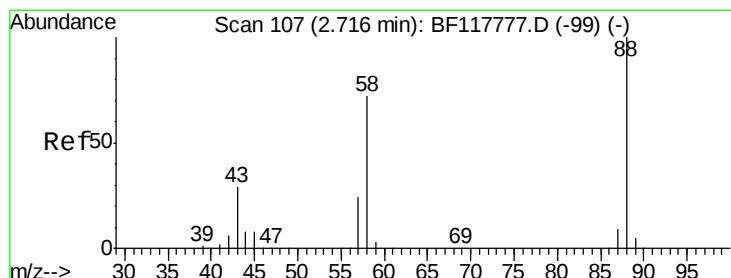
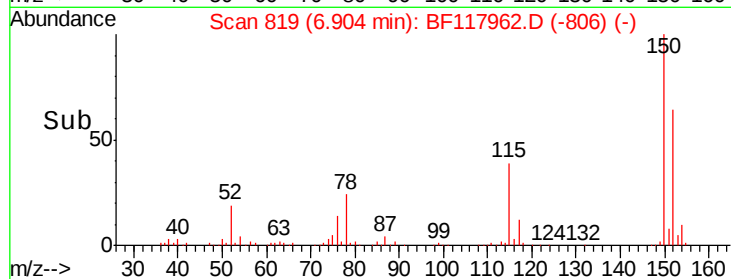
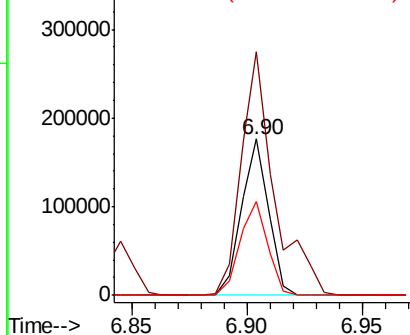
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 143681
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.3 187.9
 115 60.4 47.0 70.4

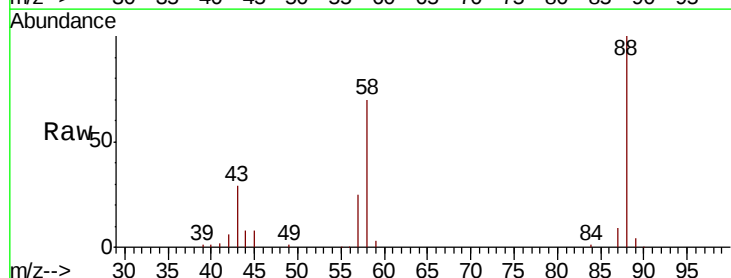


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

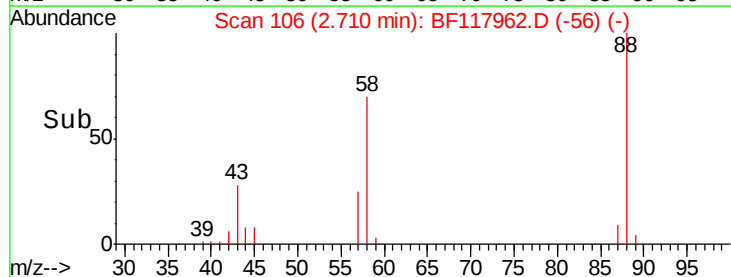
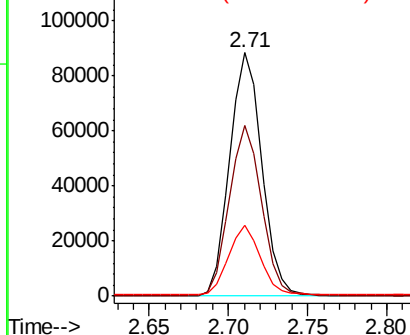


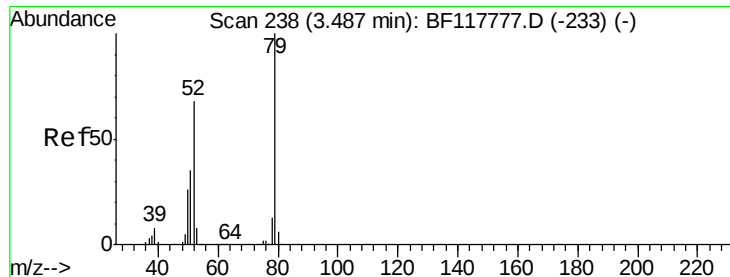
#2
 1,4-Dioxane
 Concen: 32.771 ng
 RT: 2.71 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion: 88 Resp: 124341
 Ion Ratio Lower Upper
 88 100
 58 70.6 58.2 87.2
 43 27.9 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: 32.663 ng

RT: 3.47 min Scan# 236

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

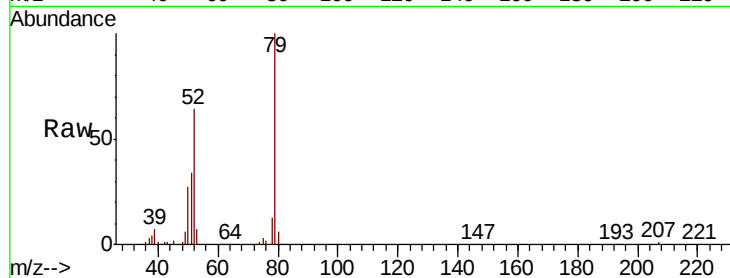
Tot Ion: 79 Resp: 325088

Ion Ratio Lower Upper

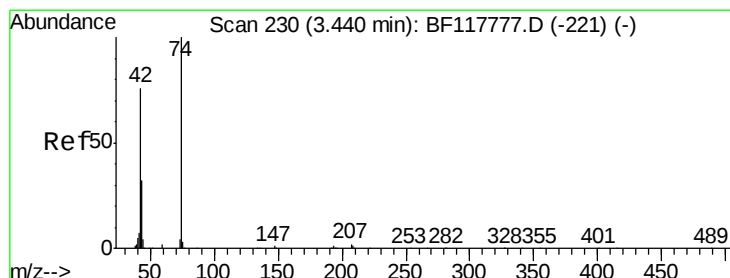
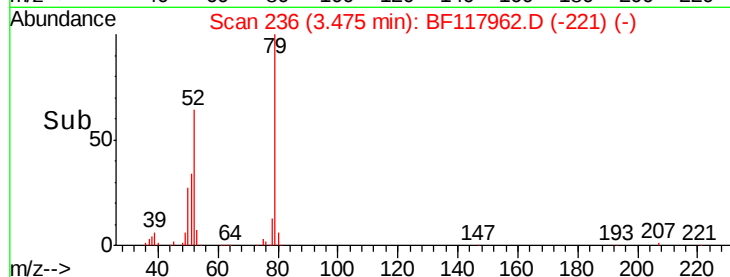
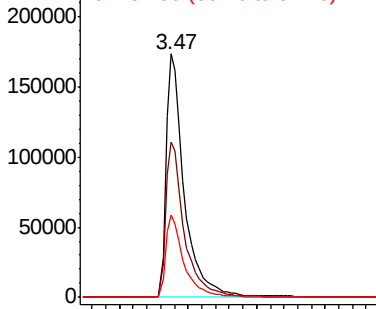
79 100

52 63.8 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: 38.035 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

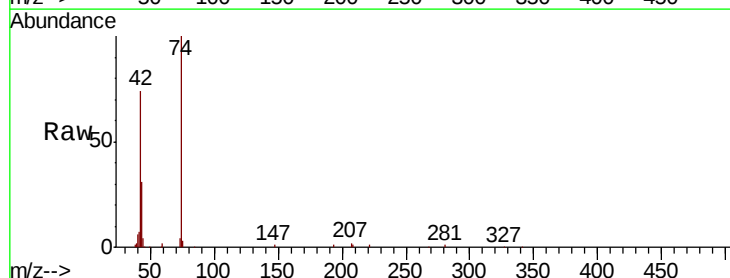
Tgt Ion: 42 Resp: 165248

Ion Ratio Lower Upper

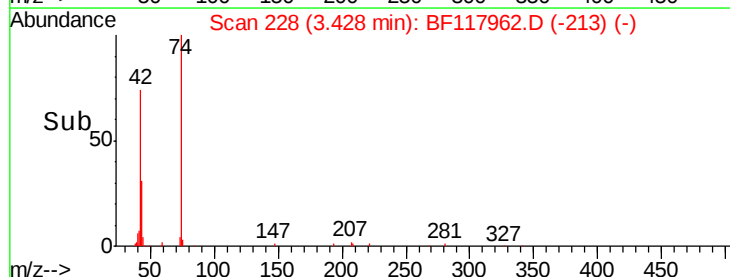
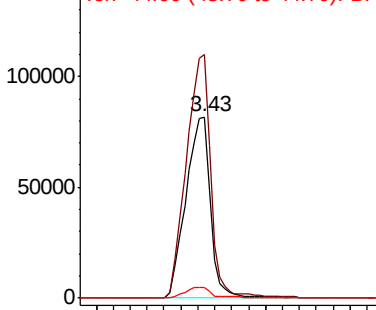
42 100

74 134.3 105.1 157.7

44 5.6 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: 106.865 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampled :

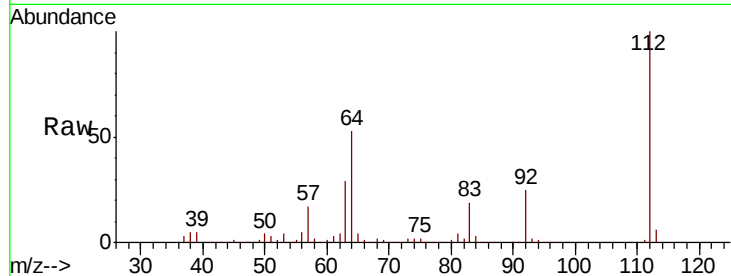
Tot Ion:112 Resp: 867436

Ion Ratio Lower Upper

112 100

64 53.3 45.6 68.4

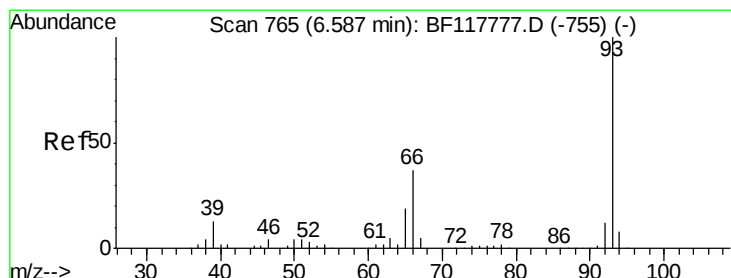
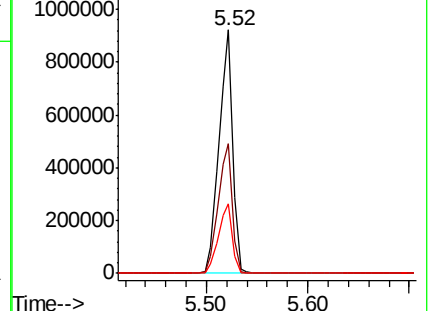
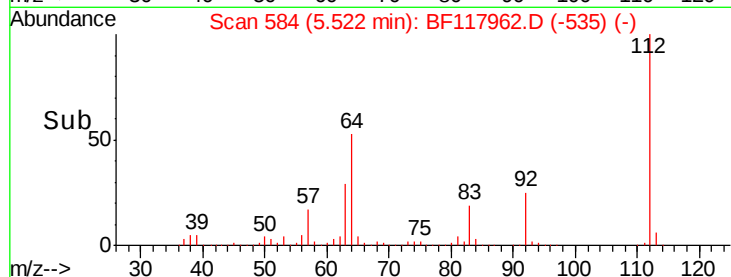
63 28.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.948 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

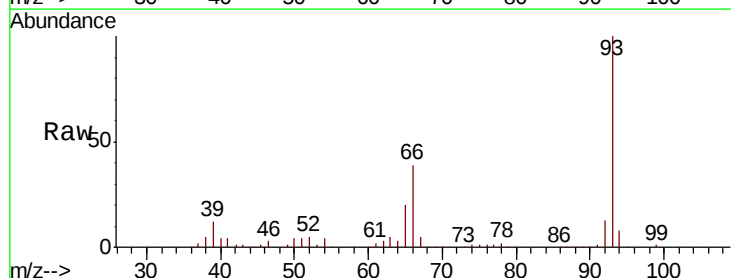
Tgt Ion: 93 Resp: 400400

Ion Ratio Lower Upper

93 100

66 39.4 30.6 45.8

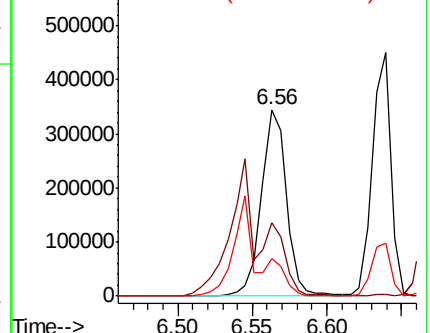
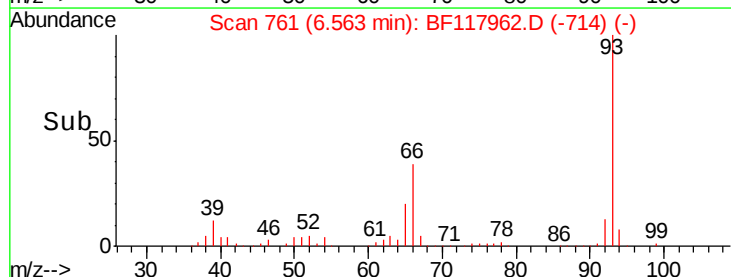
65 19.9 15.6 23.4

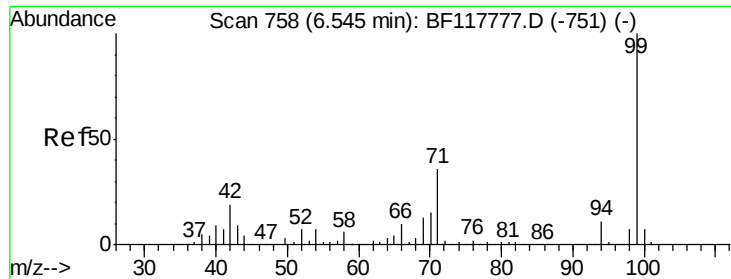


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.143 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

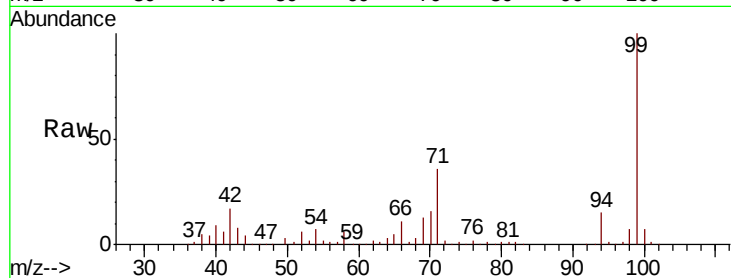
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1137101

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.9	22.3
71	35.8	28.6	43.0

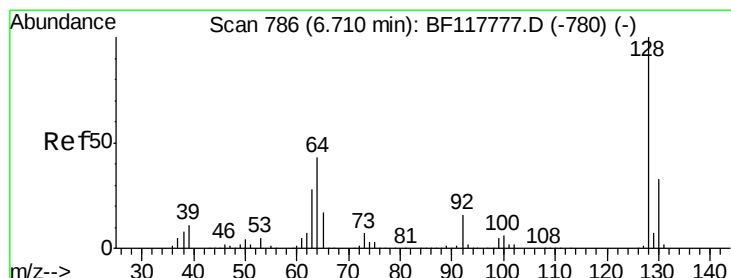
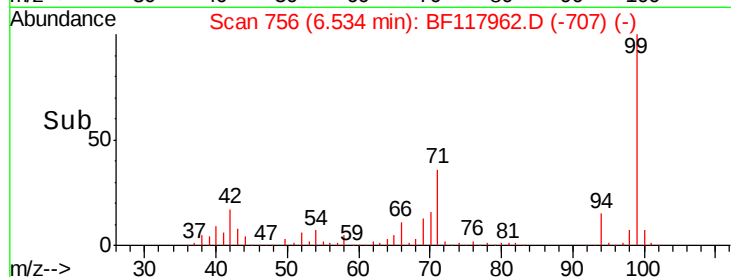
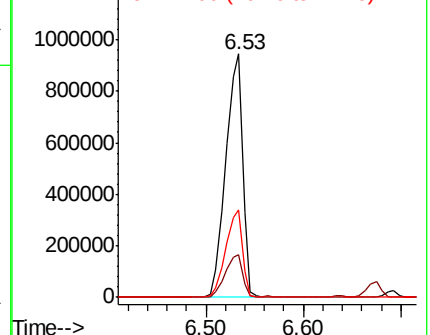


Abundance

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: 48.597 ng

RT: 6.69 min Scan# 783

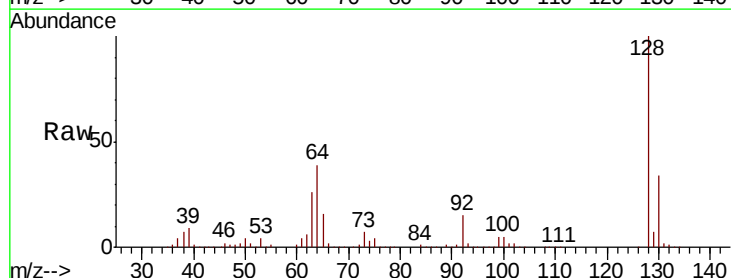
Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion: 128 Resp: 428033

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.2	53.2
64	39.1	23.7	63.7

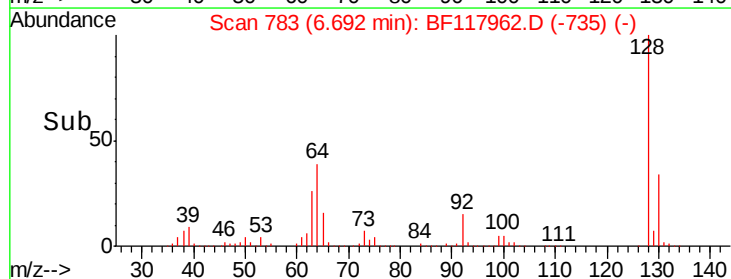
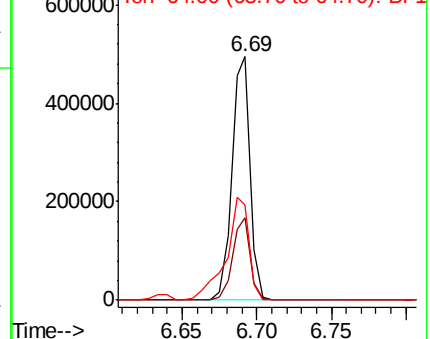


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

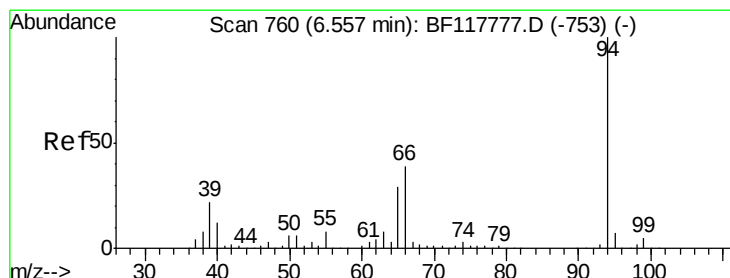
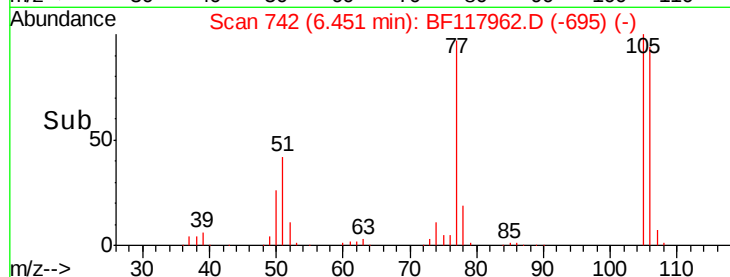
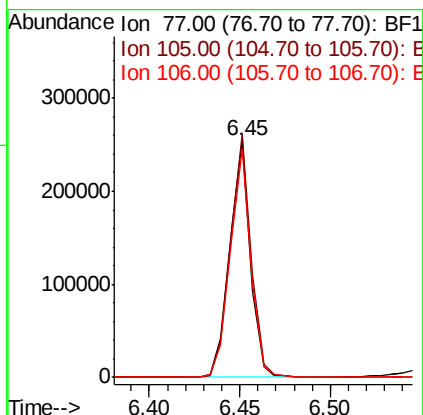
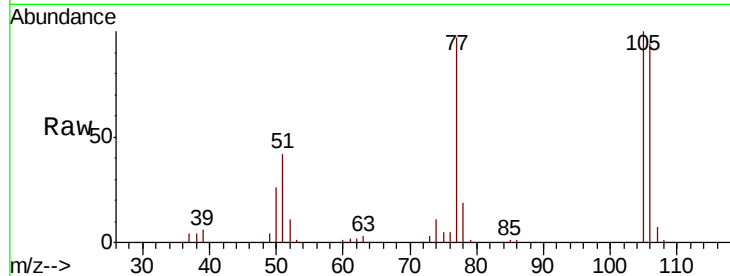




#9
Benzaldehyde
Concen: 29.472 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

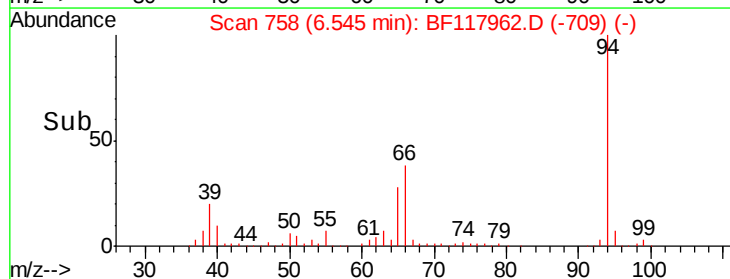
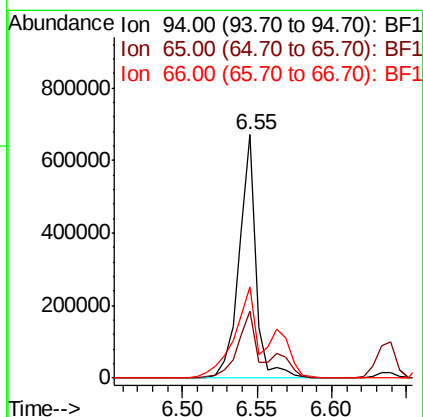
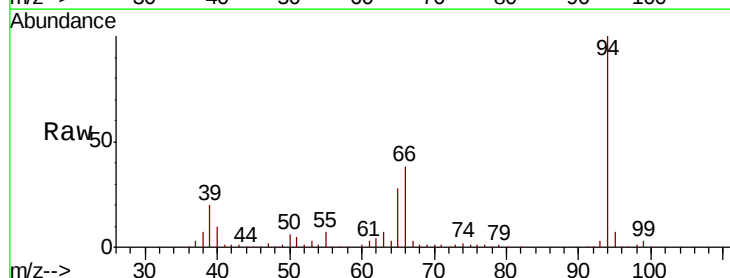
Instrument :
BNA_F
ClientSampleId :

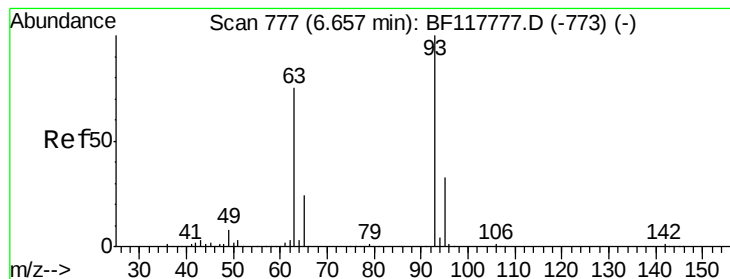
Tot Ion: 77 Resp: 202088
Ion Ratio Lower Upper
77 100
105 102.8 80.2 120.2
106 96.6 78.4 118.4



#10
Phenol
Concen: 52.045 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion: 94 Resp: 529497
Ion Ratio Lower Upper
94 100
65 27.7 8.9 48.9
66 37.7 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 46.432 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

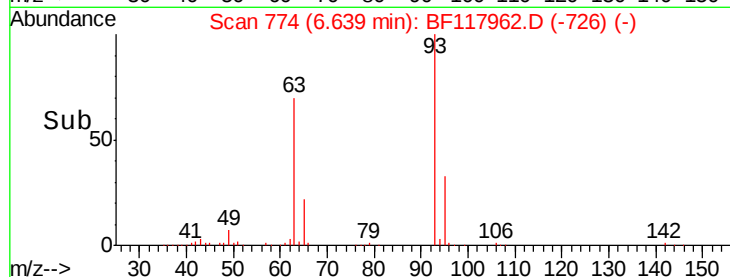
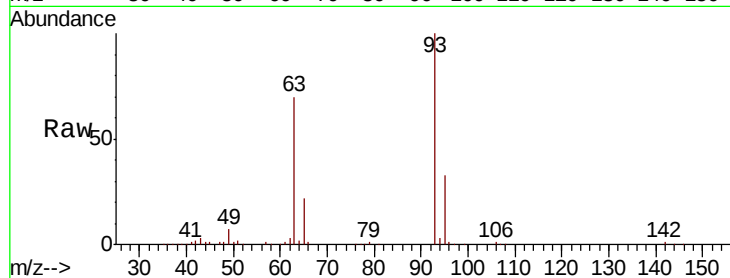
Tot Ion: 93 Resp: 379347

Ion Ratio Lower Upper

93 100

63 69.7 54.8 94.8

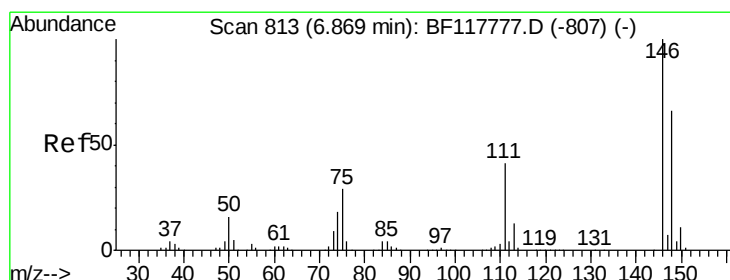
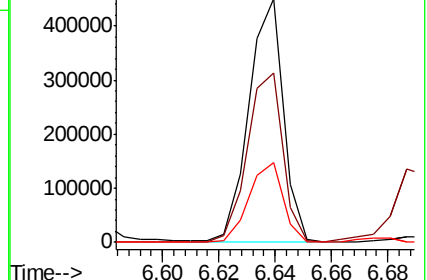
95 32.9 12.7 52.7



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: 44.703 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

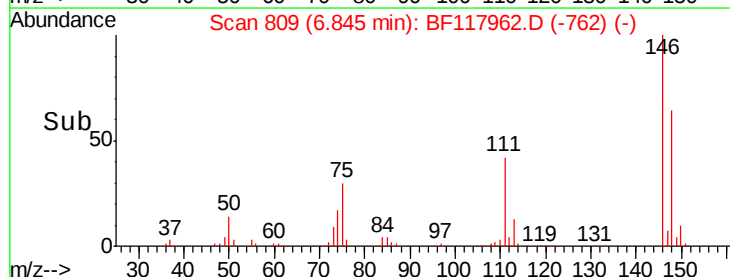
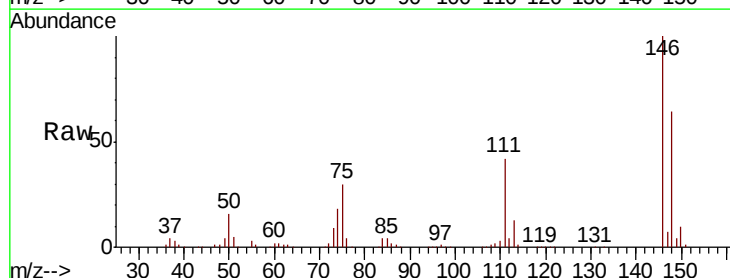
Tgt Ion: 146 Resp: 463539

Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

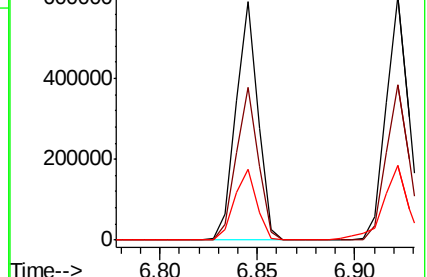
75 30.0 23.4 35.0

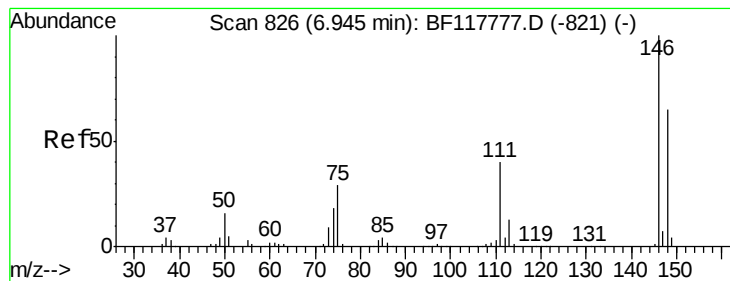


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 45.310 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

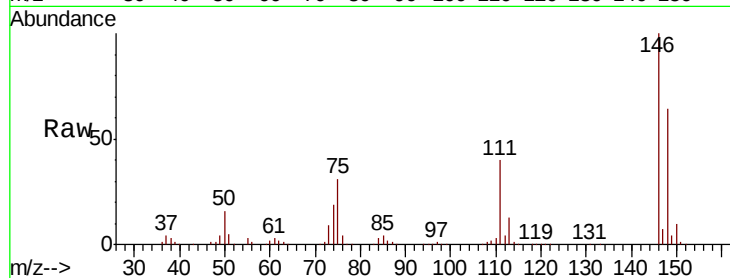
Tot Ion:146 Resp: 474910

Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

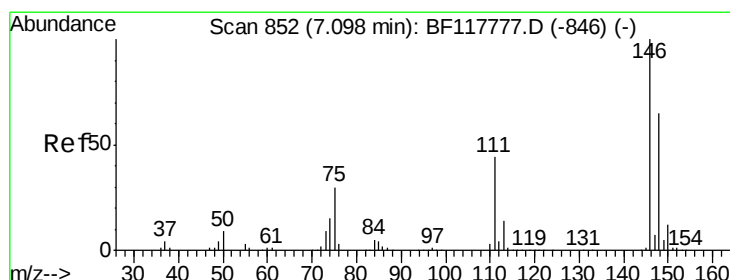
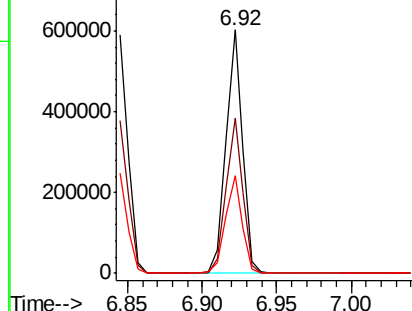
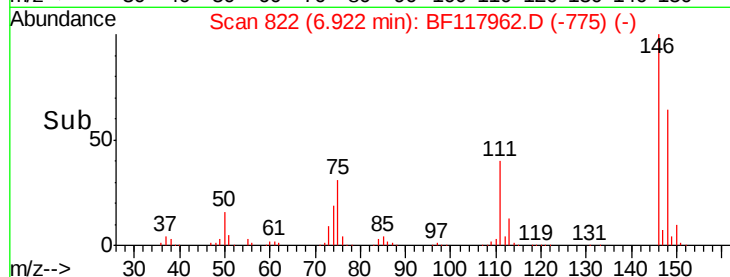
111 40.1 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.847 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

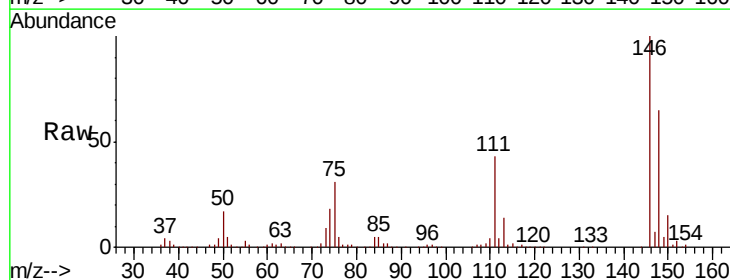
Tgt Ion:146 Resp: 459581

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

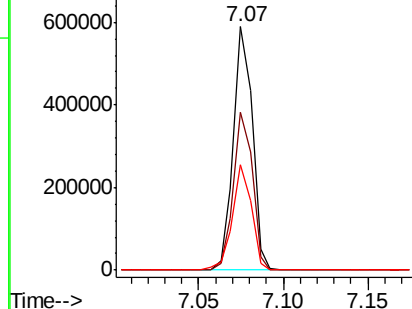
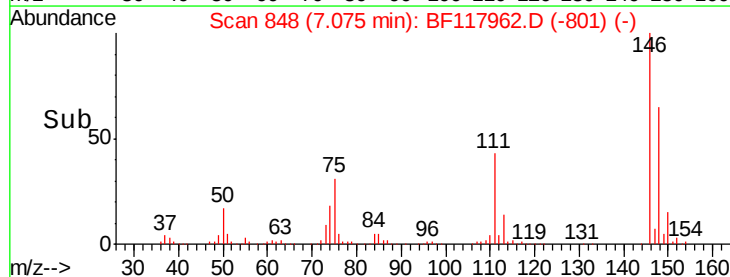
111 43.4 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.818 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampled :

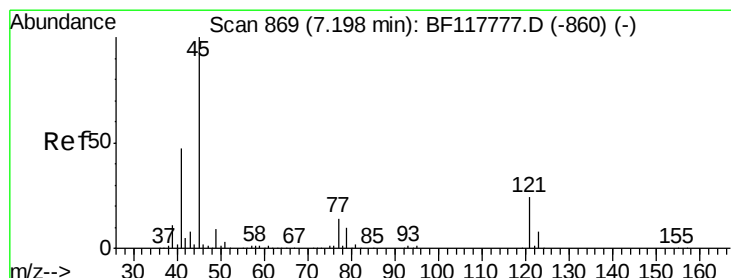
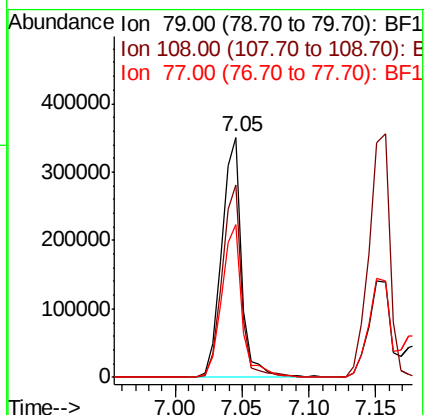
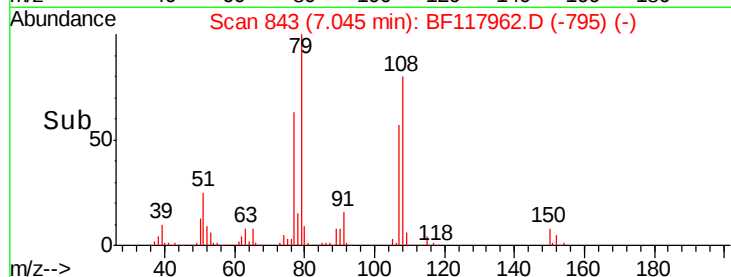
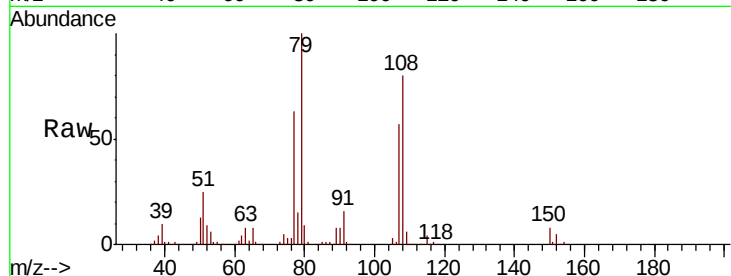
Tot Ion: 79 Resp: 369001

Ion Ratio Lower Upper

79 100

108 80.1 64.1 96.1

77 63.5 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.648 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

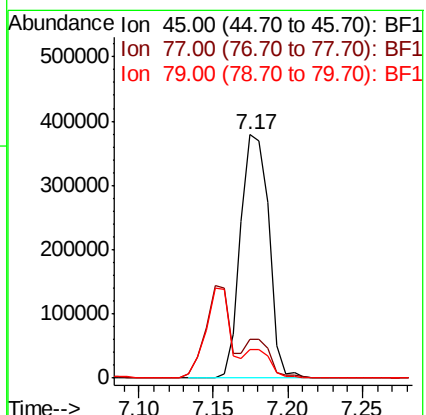
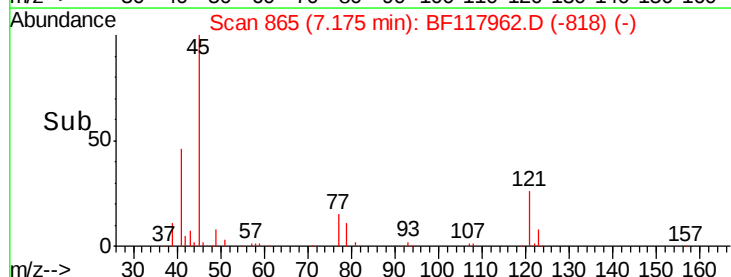
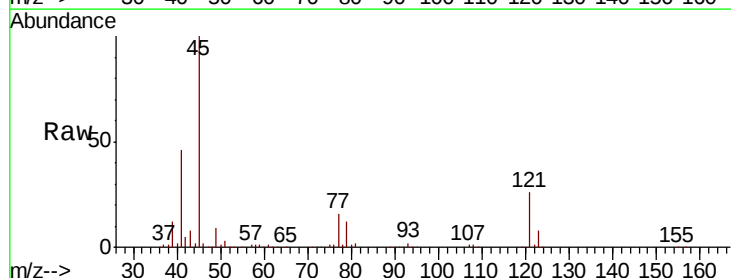
Tgt Ion: 45 Resp: 498720

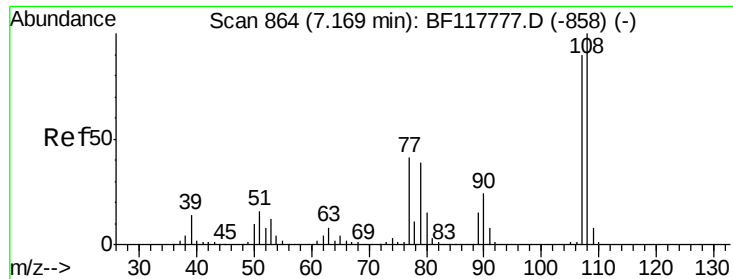
Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.0

79 11.7 0.0 31.1

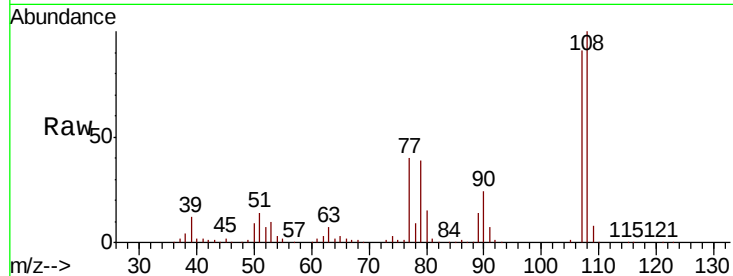




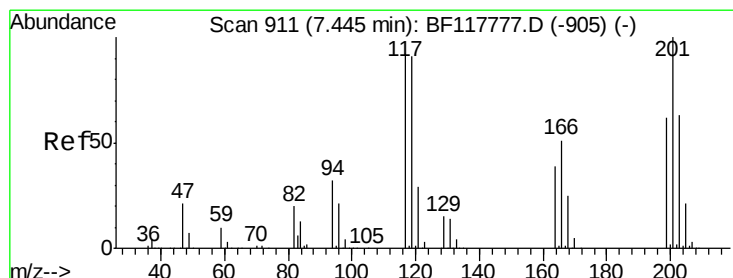
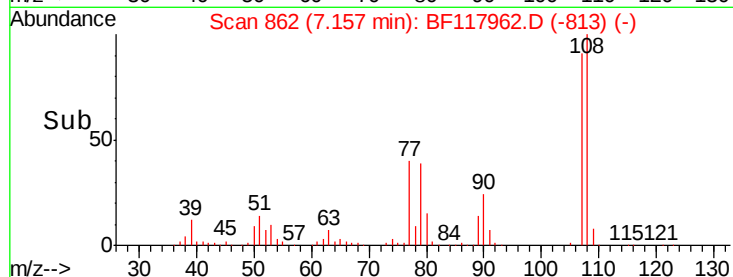
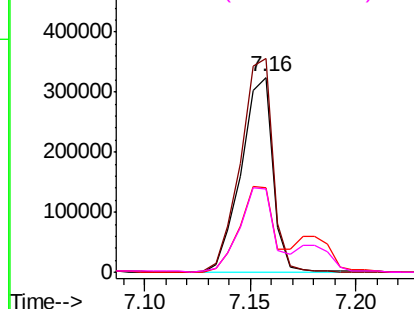
#17
2-Methylphenol
Concen: 45.420 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 338784
Ion Ratio Lower Upper
107 100
108 109.6 89.1 133.7
77 43.4 36.6 54.8
79 42.6 35.2 52.8

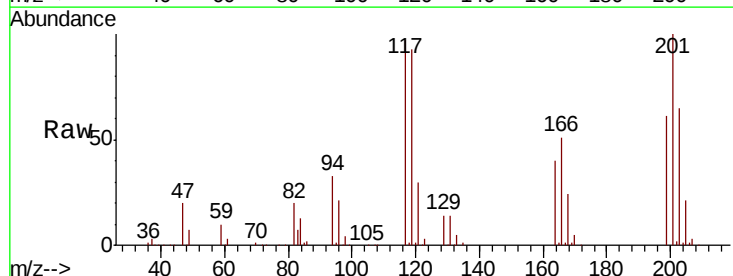


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

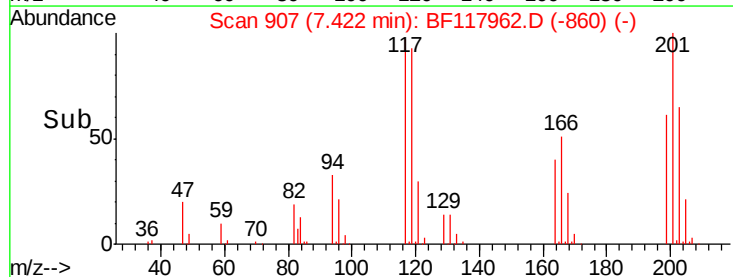
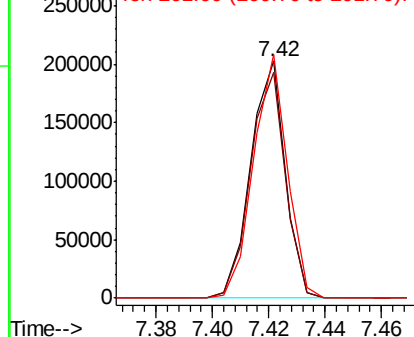


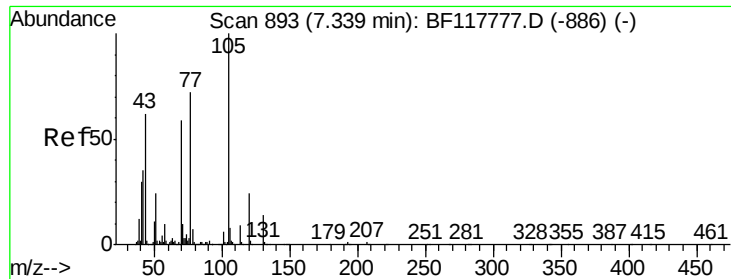
#18
Hexachloroethane
Concen: 44.598 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:117 Resp: 171720
Ion Ratio Lower Upper
117 100
119 95.3 78.7 118.1
201 102.9 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

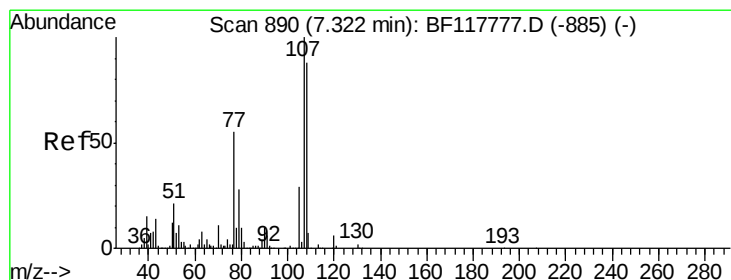
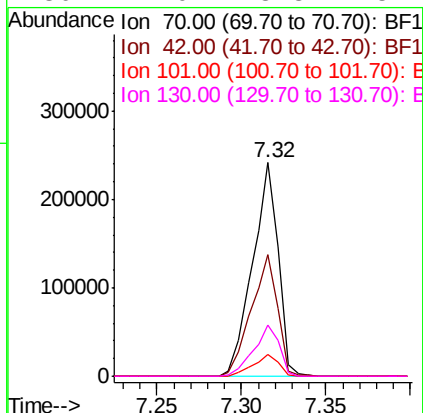
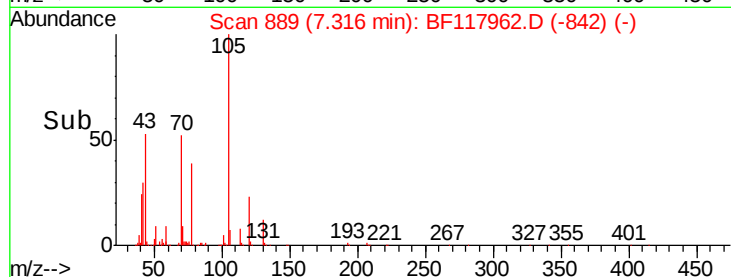
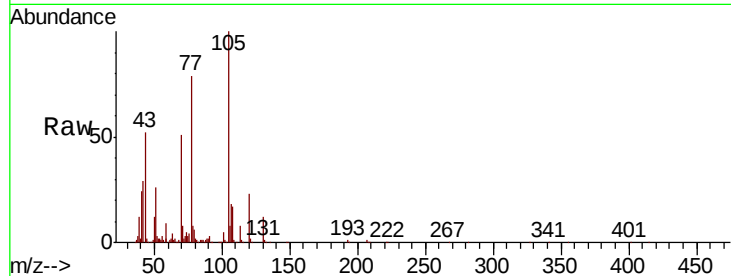




#19
n-Nitroso-di-n-propylamine
Concen: 42.239 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

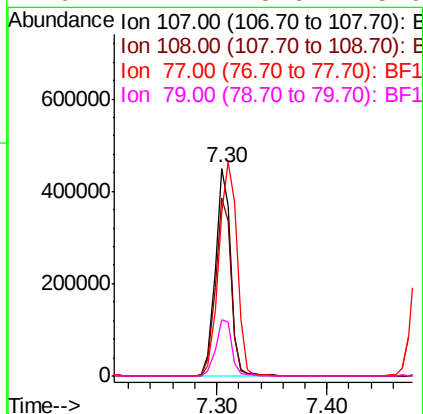
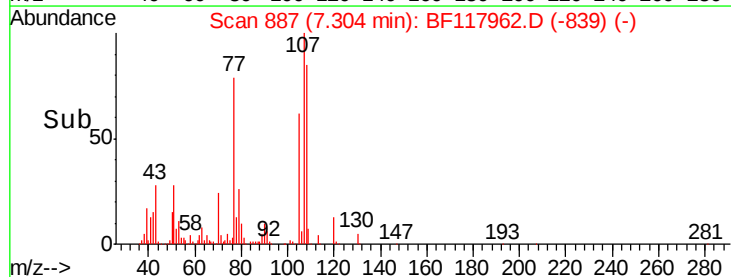
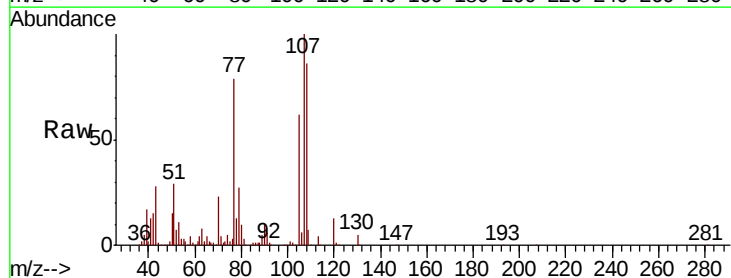
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.4	71.2
101	10.5	8.4	12.6
130	24.0	18.8	28.2



#20
3+4-Methylphenols
Concen: 46.156 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.4	108.4
77	79.0	35.2	75.2#
79	27.1	8.6	48.6

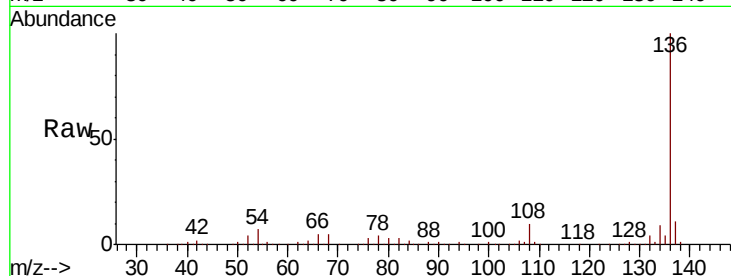




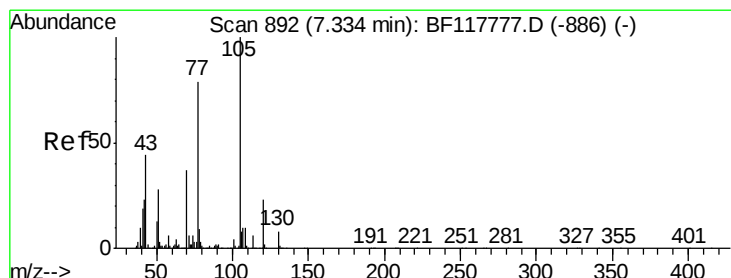
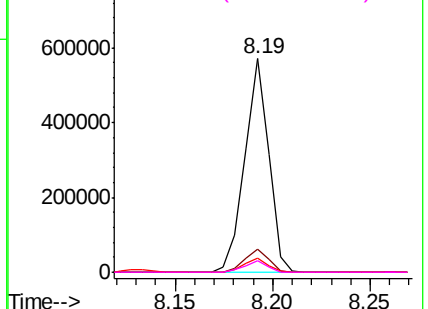
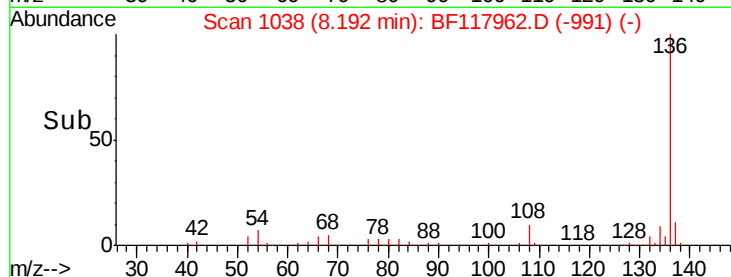
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	486905
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.7	5.4 8.2
68	5.2	4.3 6.5

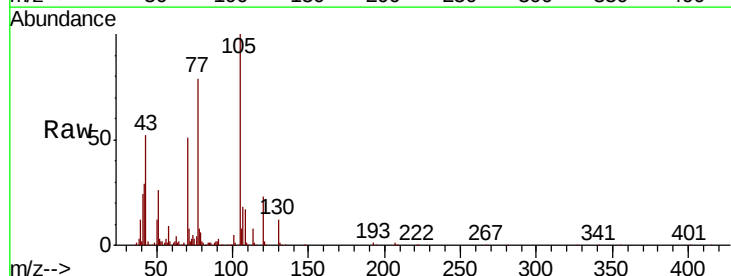


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

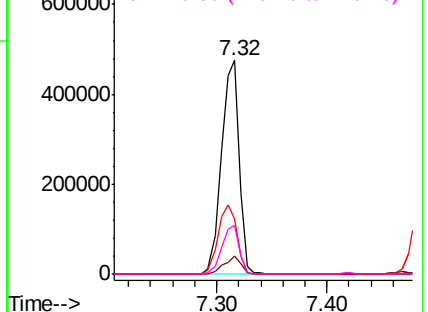
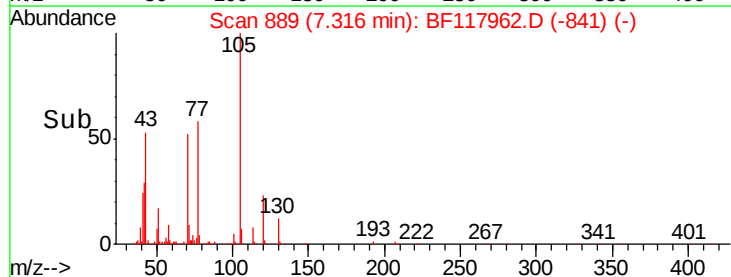


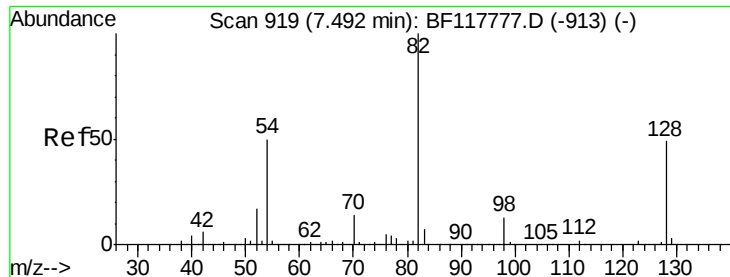
#22
Acetophenone
Concen: 48.392 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:105	Resp:	529371
Ion Ratio	Lower	Upper
105	100	
71	8.4	4.9 7.3#
51	25.8	22.7 34.1
120	22.6	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

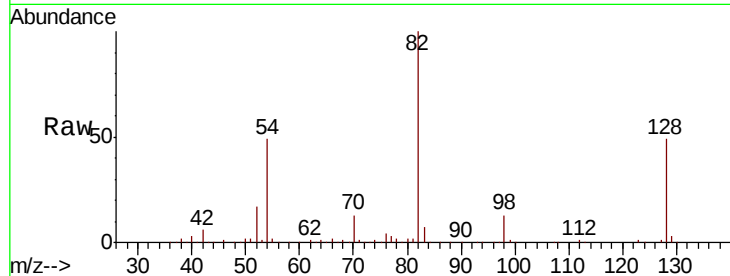




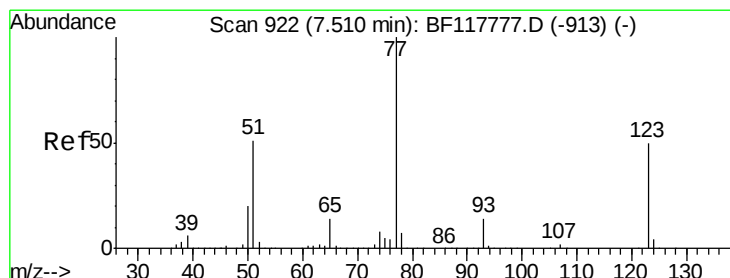
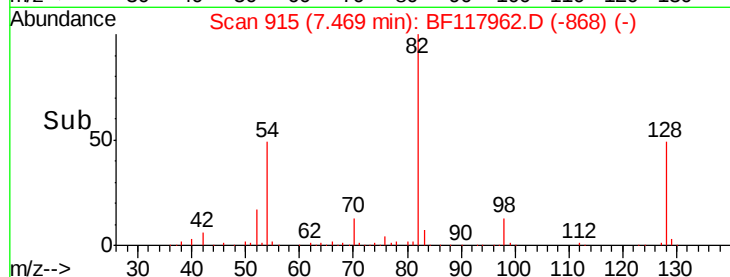
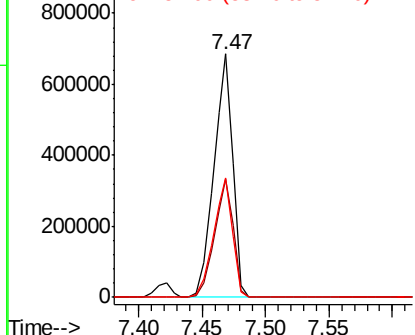
#23
Nitrobenzene-d5
Concen: 87.579 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 717333
Ion Ratio Lower Upper
82 100
128 48.6 38.9 58.3
54 49.1 39.8 59.6

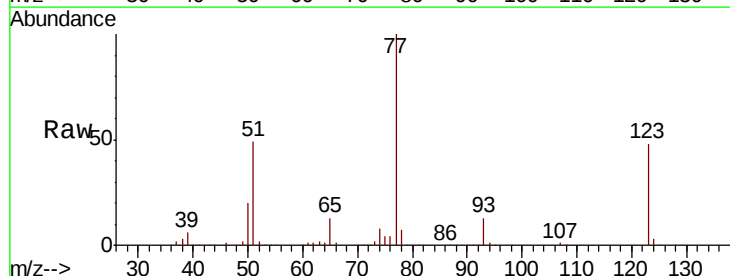


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

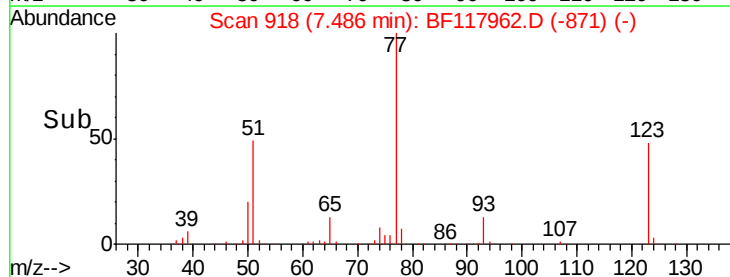
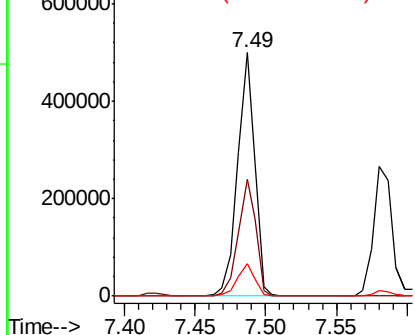


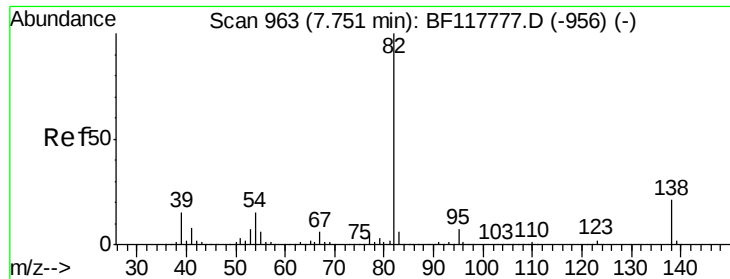
#24
Nitrobenzene
Concen: 50.060 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion: 77 Resp: 422999
Ion Ratio Lower Upper
77 100
123 48.2 40.3 60.5
65 13.4 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: 53.058 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

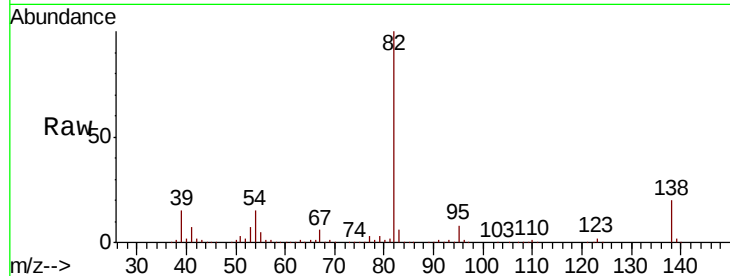
Tot Ion: 82 Resp: 796521

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

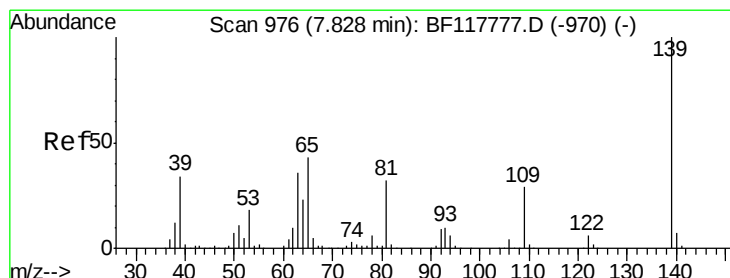
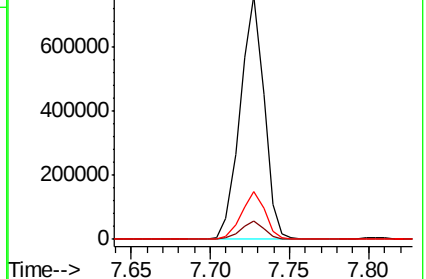
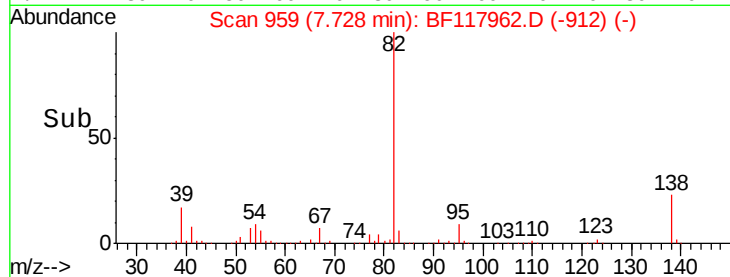
138 19.7 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.162 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

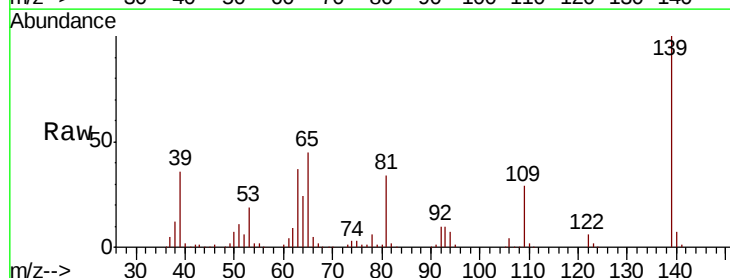
Tgt Ion: 139 Resp: 239208

Ion Ratio Lower Upper

139 100

109 29.4 23.0 34.4

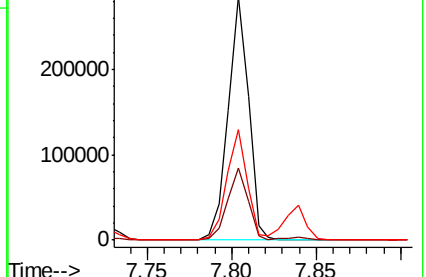
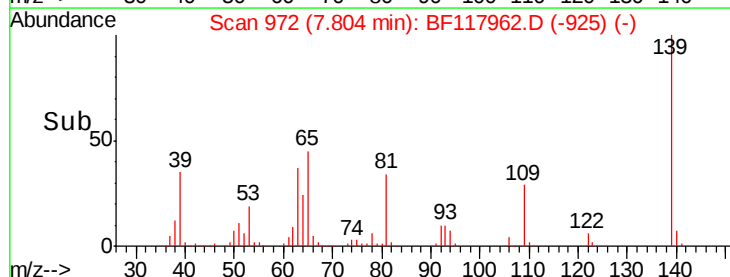
65 45.5 34.7 52.1



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 60.003 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

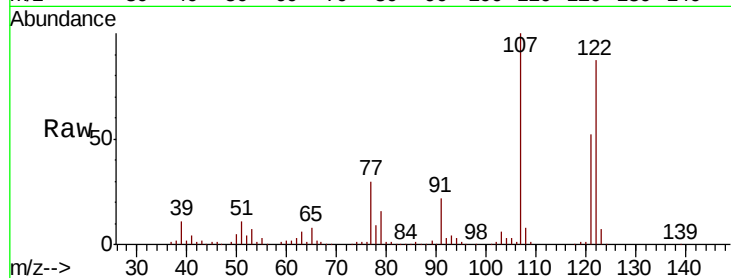
Tot Ion:122 Resp: 383468

Ion Ratio Lower Upper

122 100

107 114.9 90.0 135.0

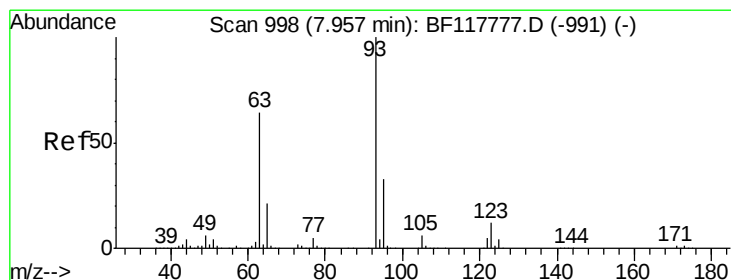
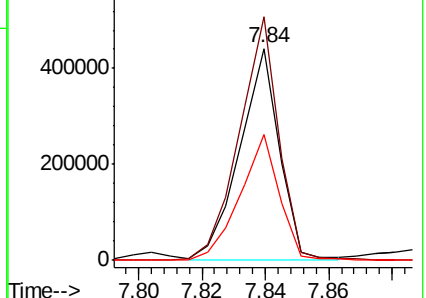
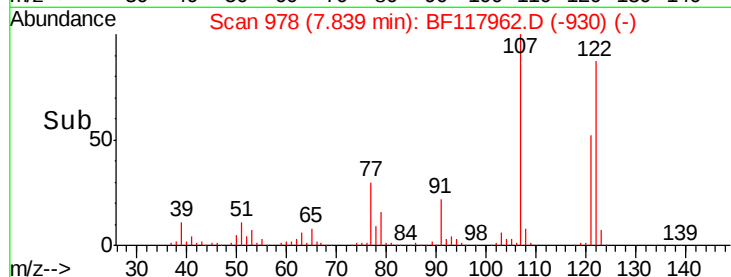
121 59.2 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.874 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

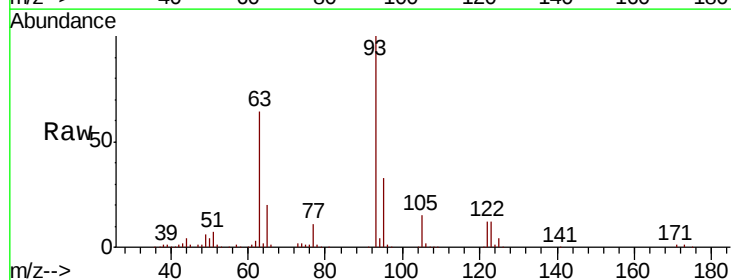
Tgt Ion: 93 Resp: 427493

Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

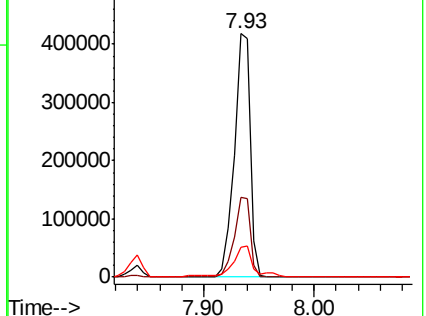
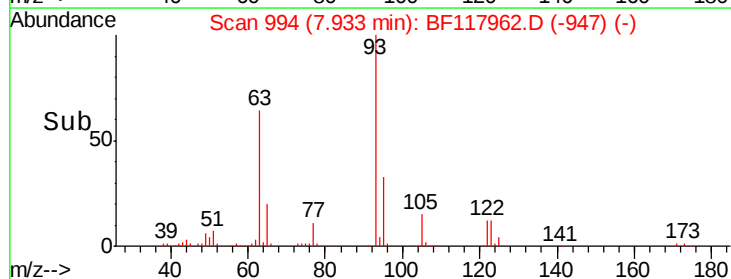
123 12.5 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

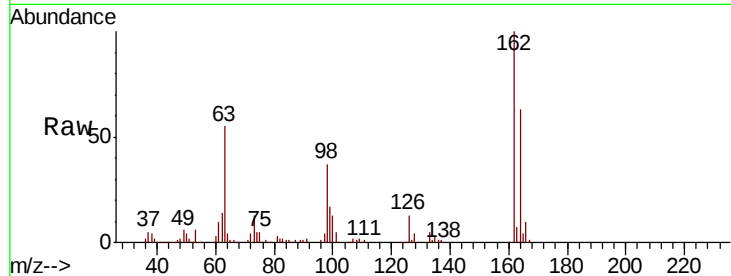




#29
2,4-Dichlorophenol
Concen: 46.836 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	45.1	85.1
98	37.0	17.2	57.2

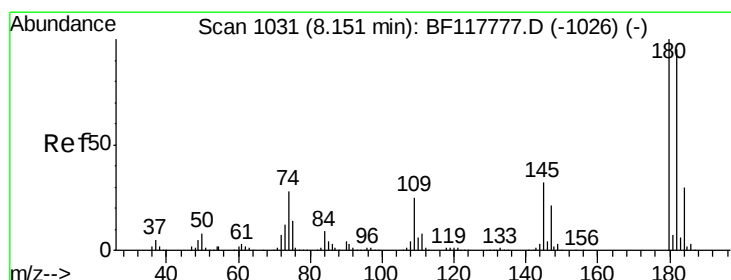
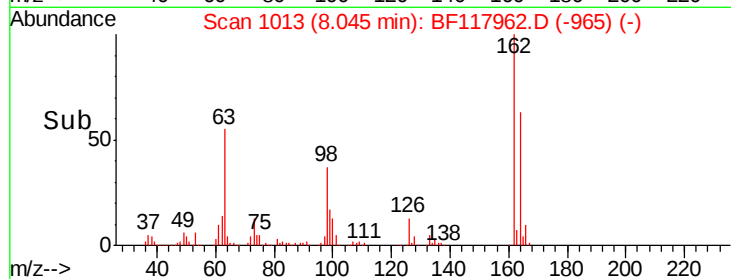
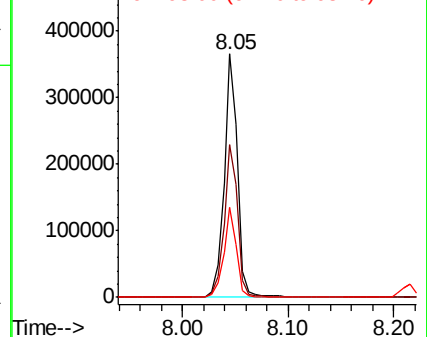


Abundance

Ion 162.00 (161.70 to 162.70): E

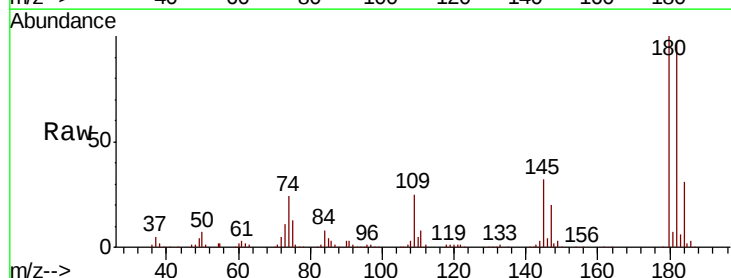
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.081 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	32.0	25.5	38.3

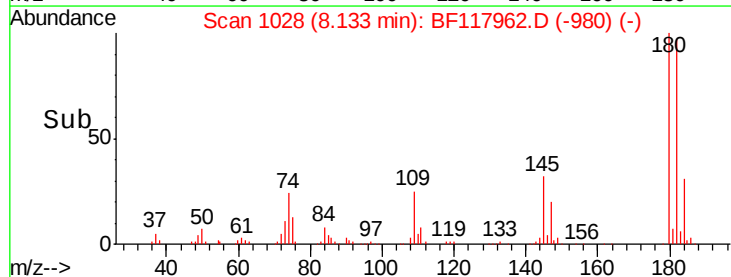
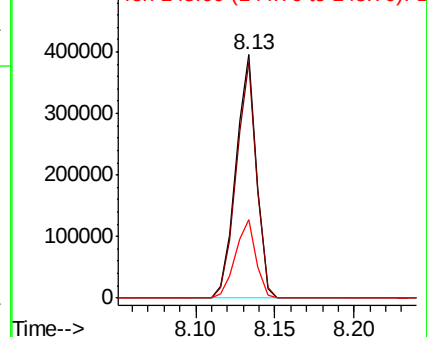


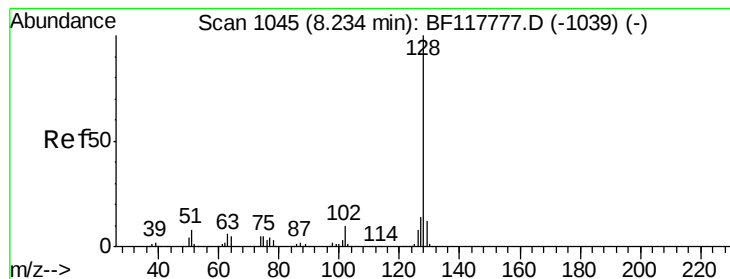
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.322 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

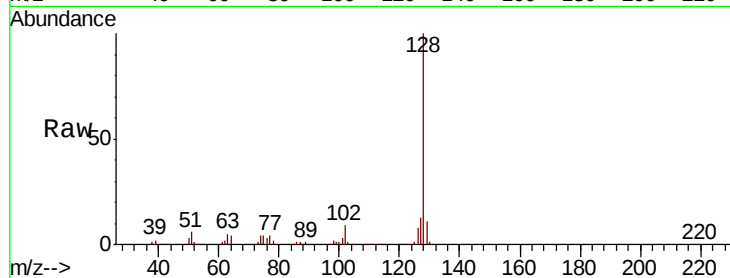
Tot Ion:128 Resp: 1119556

Ion Ratio Lower Upper

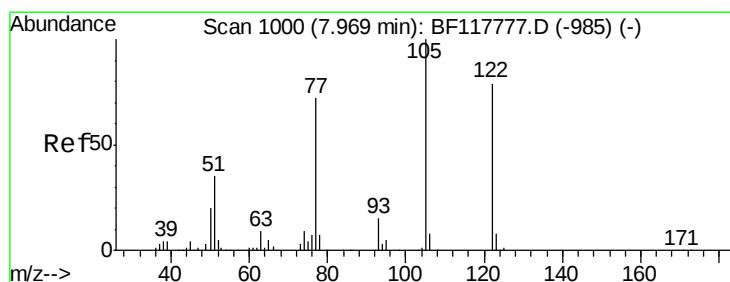
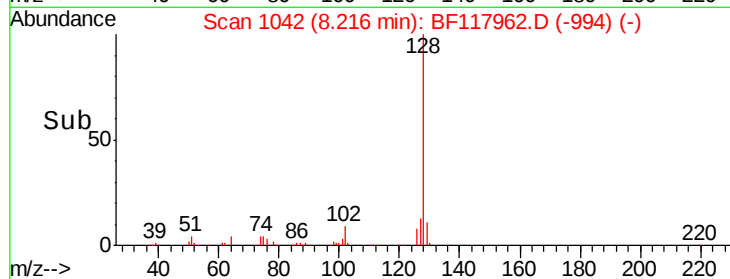
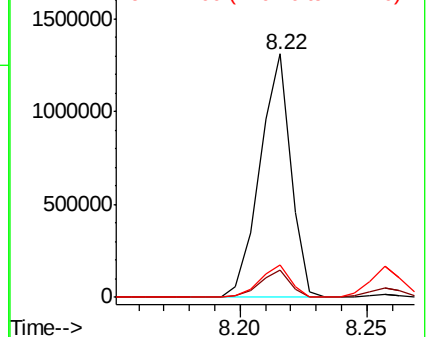
128 100

129 11.1 9.5 14.3

127 13.5 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: 50.367 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

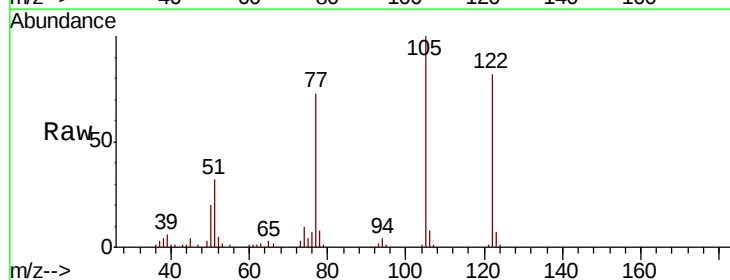
Tgt Ion:122 Resp: 269514

Ion Ratio Lower Upper

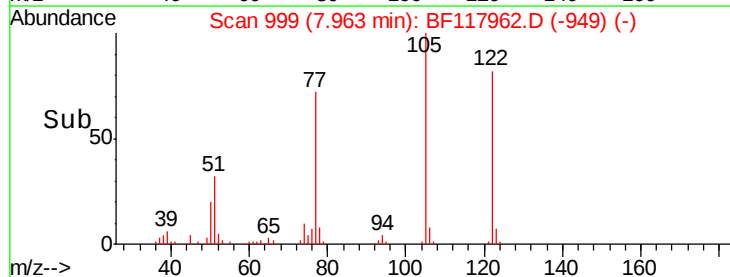
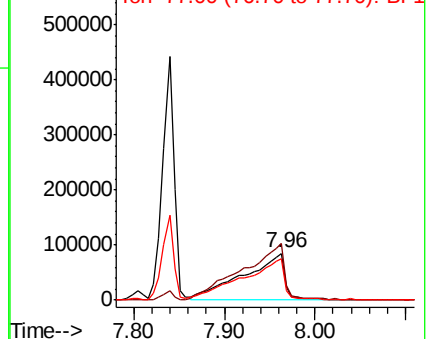
122 100

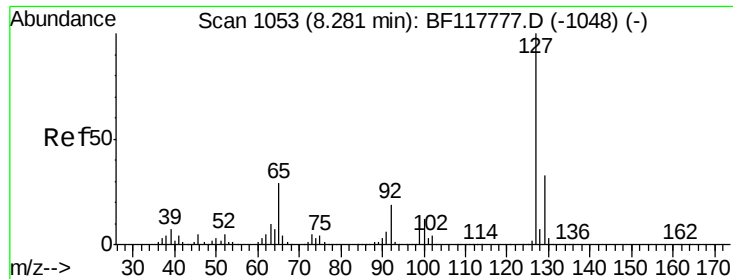
105 121.7 102.7 142.7

77 88.3 70.5 110.5



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

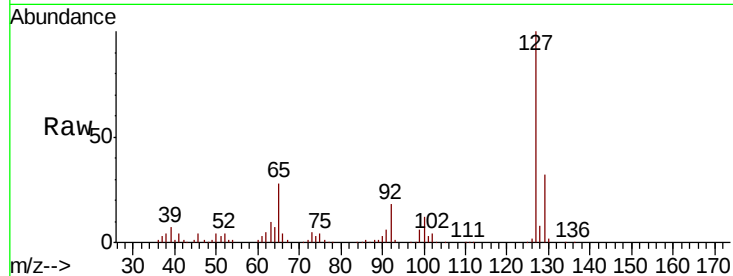




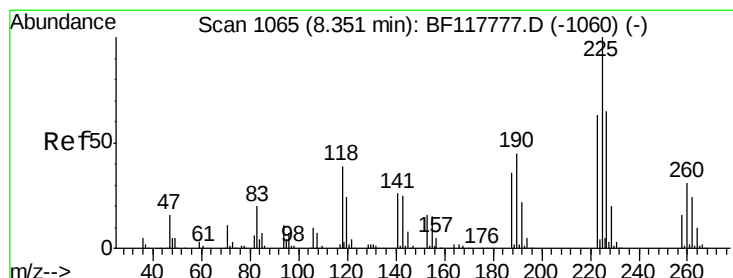
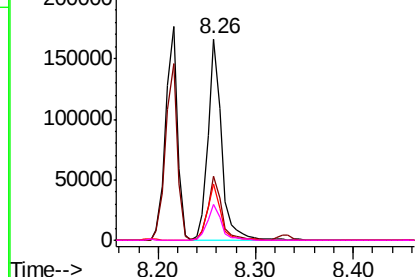
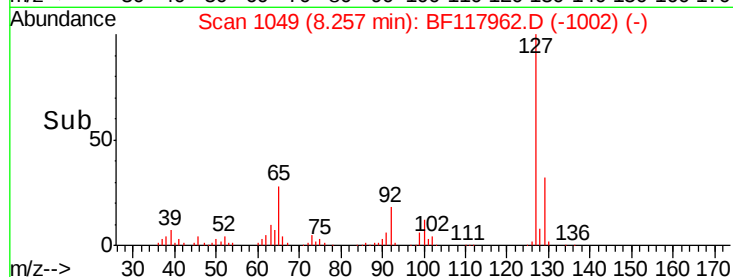
#33
4-Chloroaniline
Concen: 15.937 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	161953
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	28.0	22.9	34.3
92	17.7	15.0	22.6

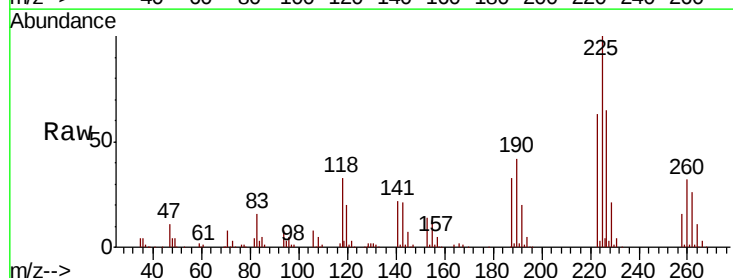


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

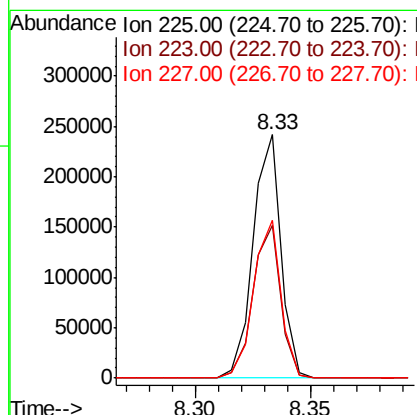
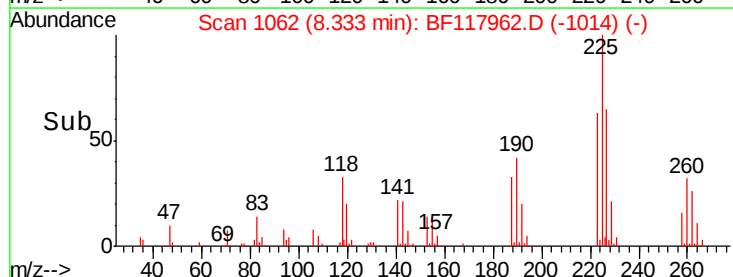


#34
Hexachlorobutadiene
Concen: 43.409 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:	225	Resp:	204073
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	64.9	51.8	77.6



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

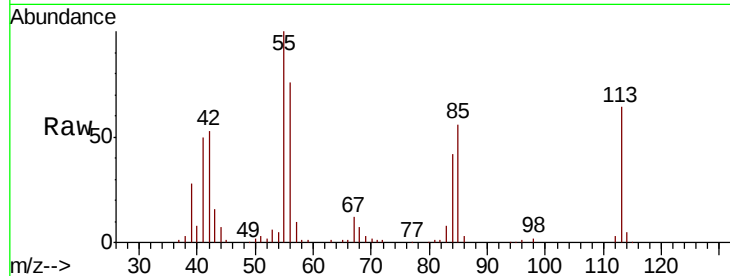




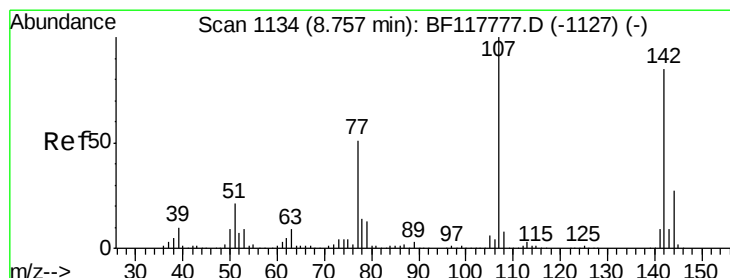
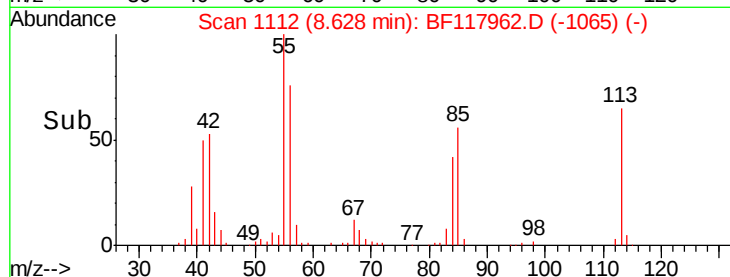
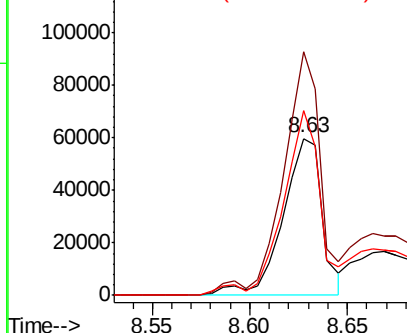
#35
 Caprolactam
 Concen: 37.558 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 82746
 Ion Ratio Lower Upper
 113 100
 55 155.5 141.1 181.1
 56 117.8 100.5 140.5

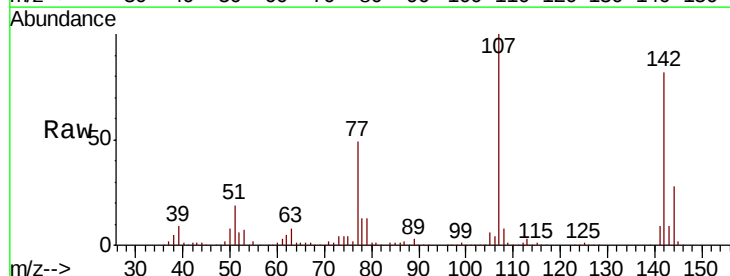


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

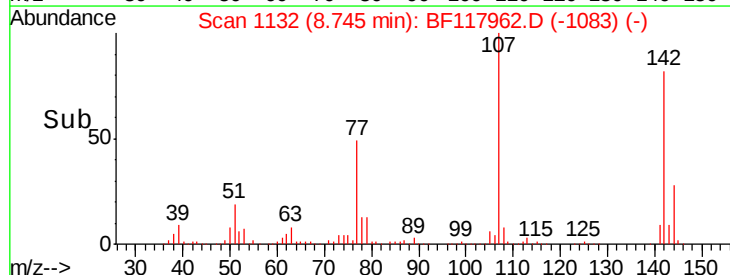
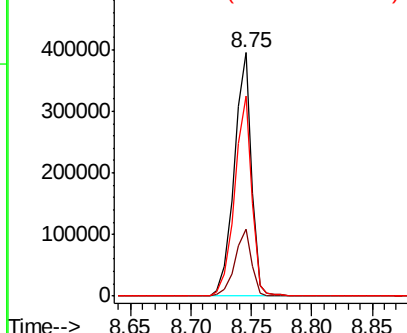


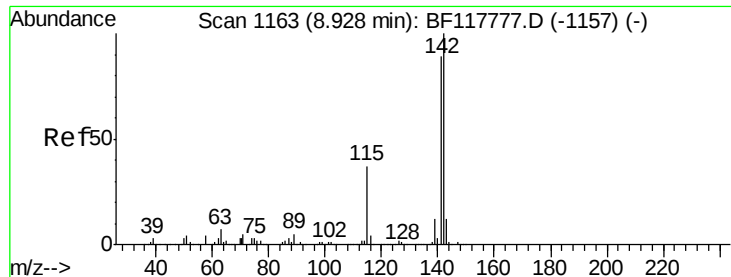
#36
 4-Chloro-3-methylphenol
 Concen: 55.983 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion:107 Resp: 393849
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.9 32.9
 142 82.4 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

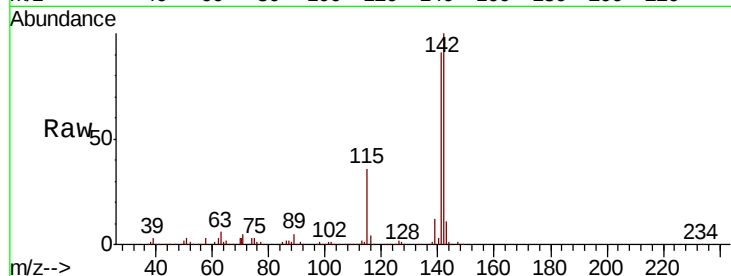




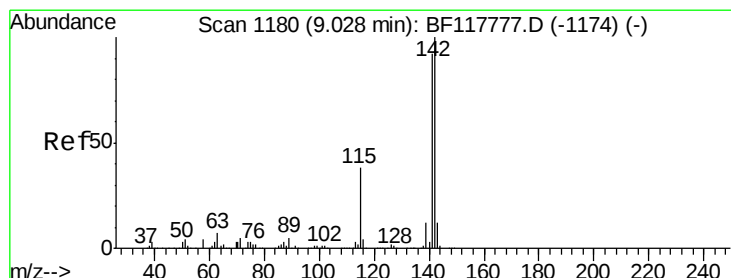
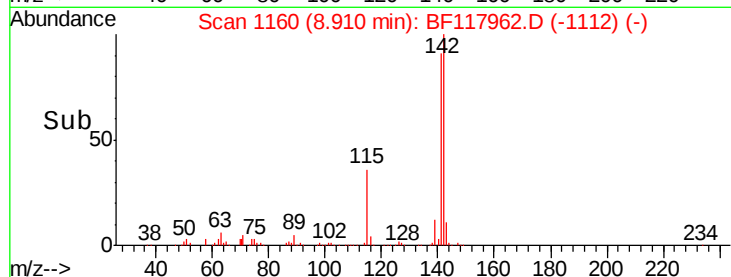
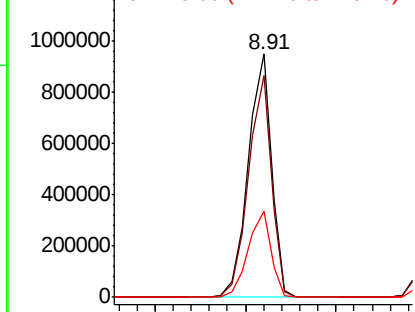
#37
2-Methylnaphthalene
Concen: 55.490 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 851050
Ion Ratio Lower Upper
142 100
141 91.0 71.1 106.7
115 35.6 29.2 43.8

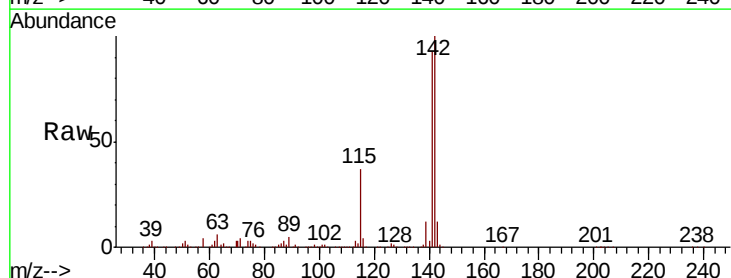


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

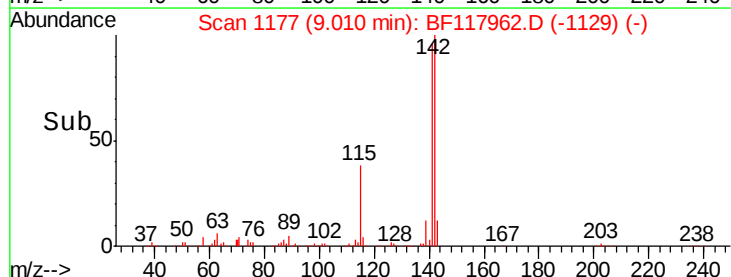
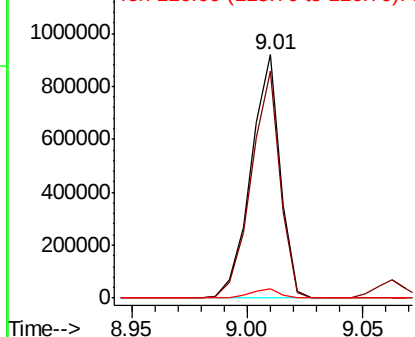


#38
1-Methylnaphthalene
Concen: 55.936 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:142 Resp: 811043
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

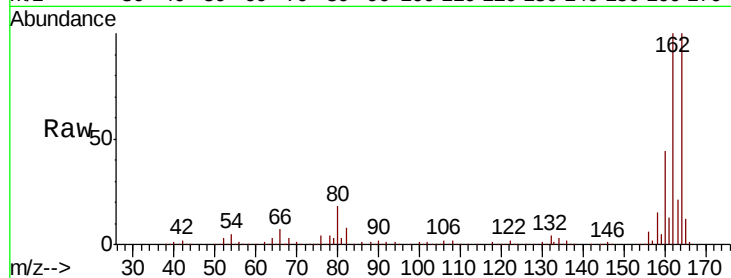
Tot Ion:164 Resp: 309098

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

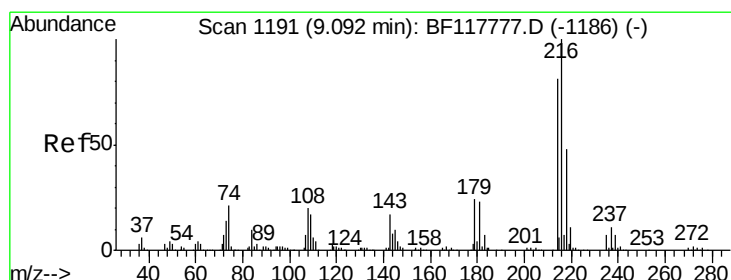
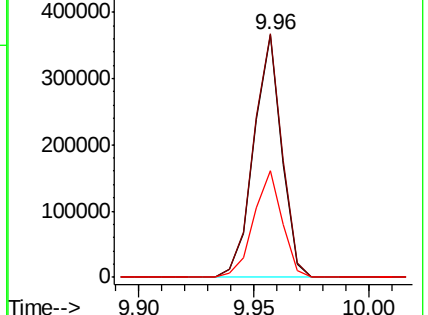
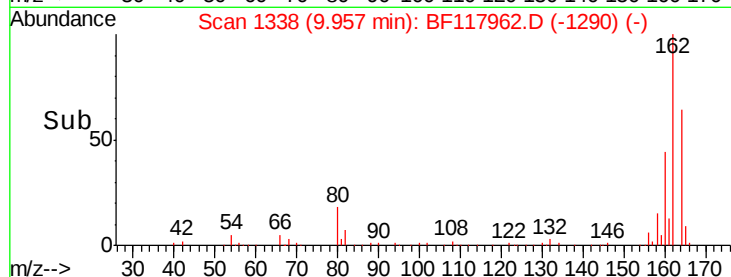
160 43.9 36.6 55.0



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: 42.869 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:216 Resp: 384813

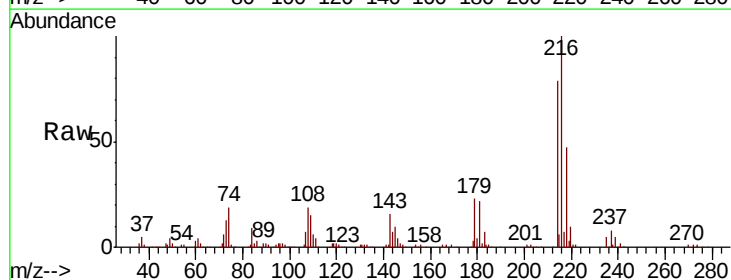
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 22.2 18.2 27.4

108 21.8 16.0 24.0

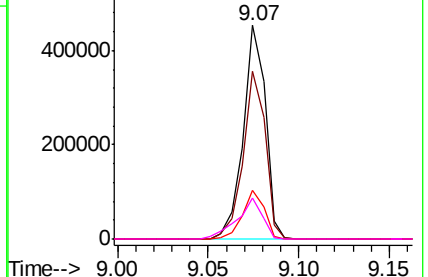
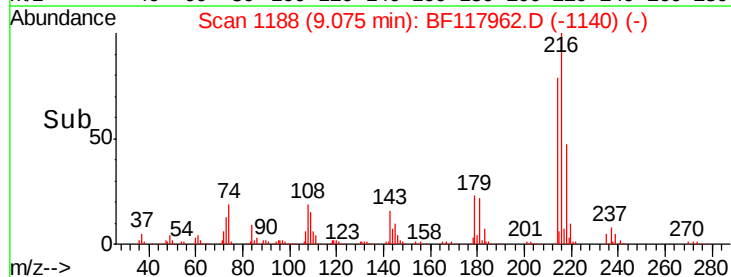


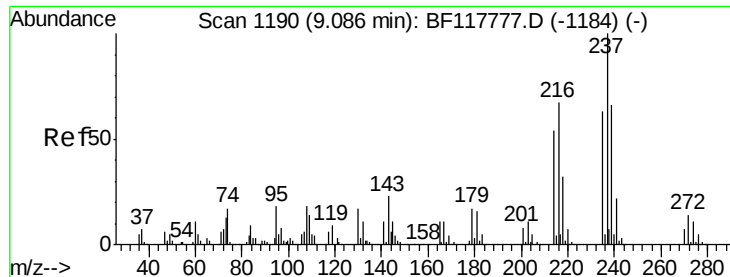
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.146 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

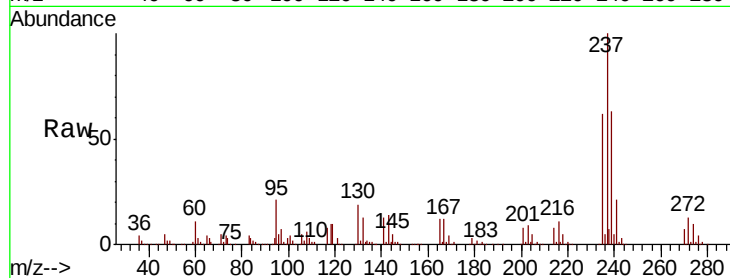
Tot Ion:237 Resp: 473598

Ion Ratio Lower Upper

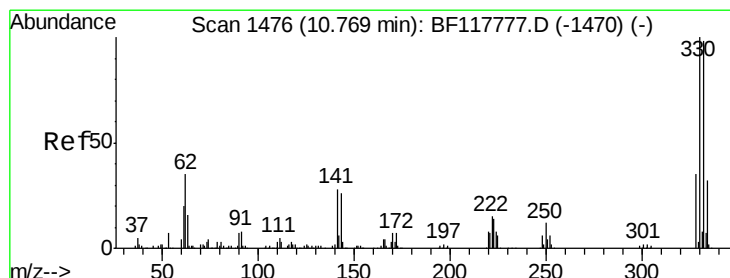
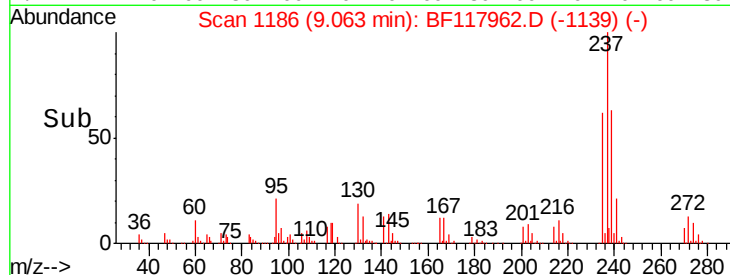
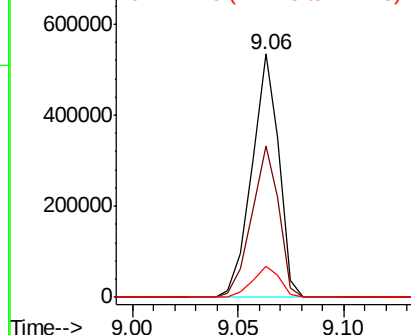
237 100

235 62.2 42.6 82.6

272 12.7 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 121.153 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

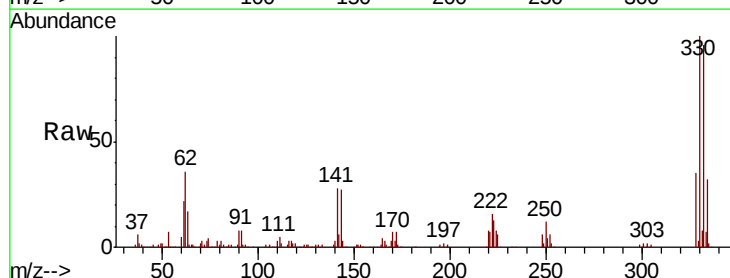
Tgt Ion:330 Resp: 396459

Ion Ratio Lower Upper

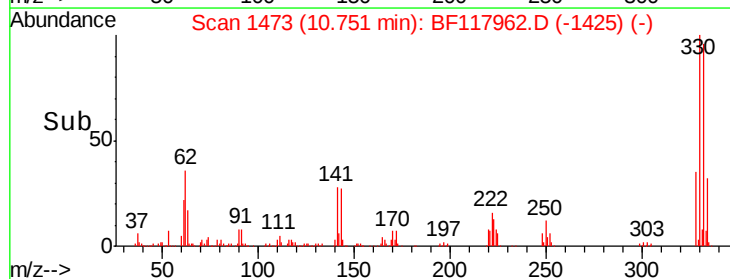
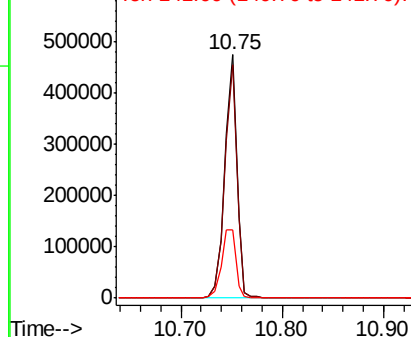
330 100

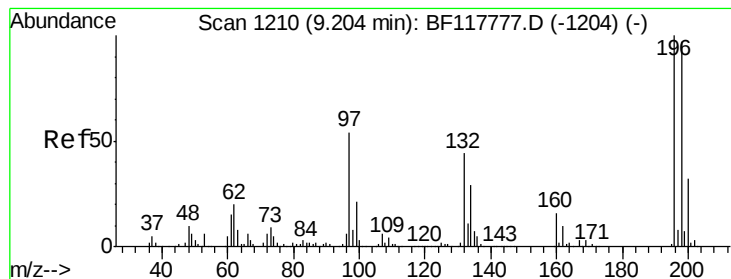
332 96.5 76.7 115.1

141 33.3 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: 43.572 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

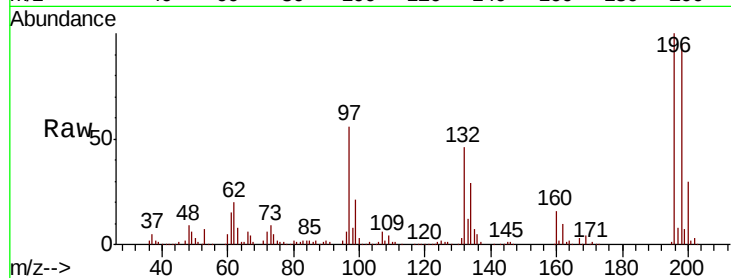
Tot Ion:196 Resp: 280147

Ion Ratio Lower Upper

196 100

198 95.4 77.8 116.6

200 30.1 25.4 38.0

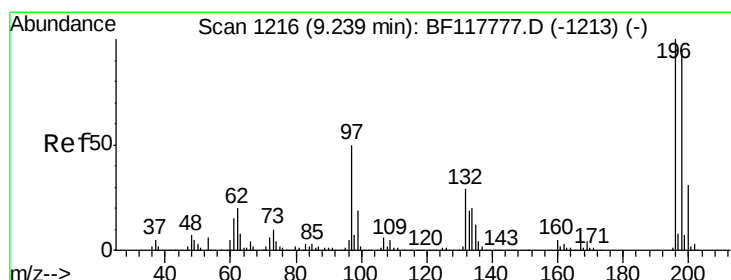
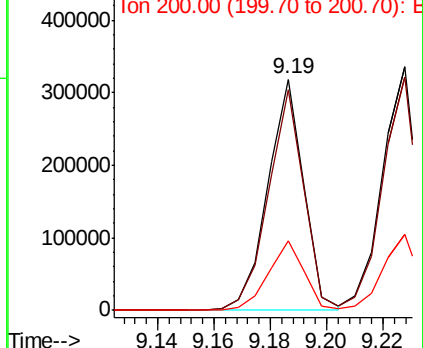
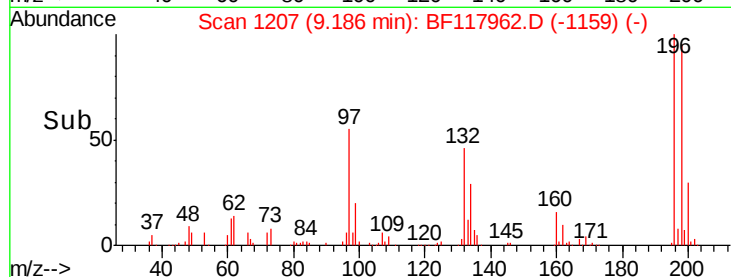


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.069 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:196 Resp: 300866

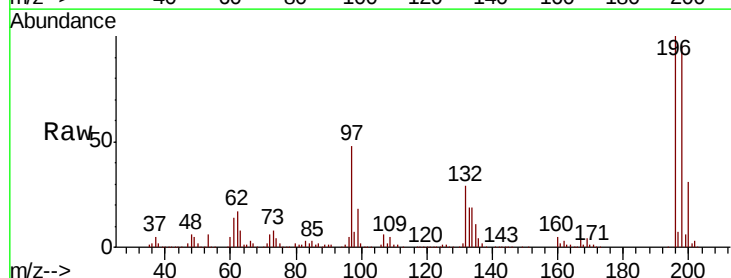
Ion Ratio Lower Upper

196 100

198 96.1 76.3 114.5

97 48.1 40.0 60.0

132 28.8 23.6 35.4



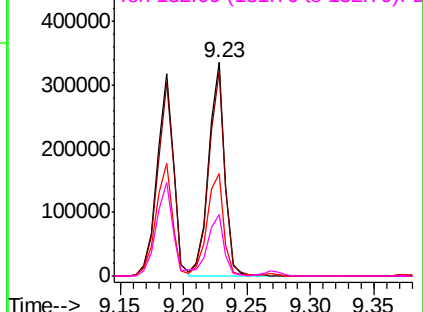
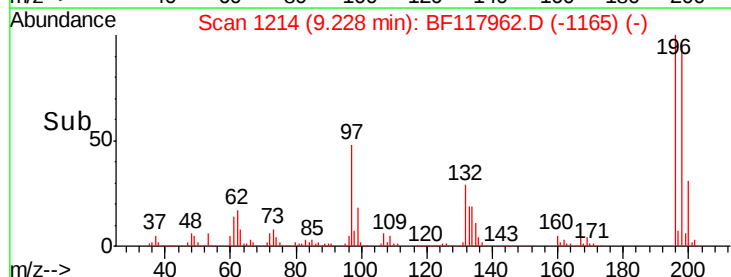
Abundance

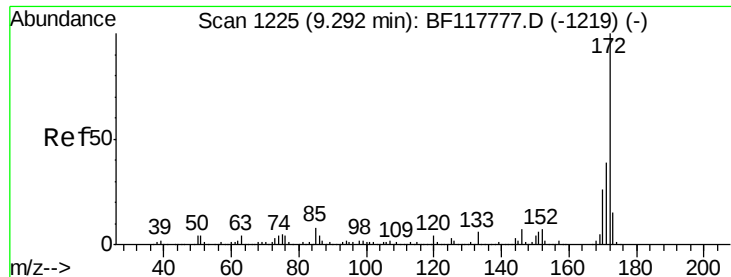
Ion 196.00 (195.70 to 196.70): E

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

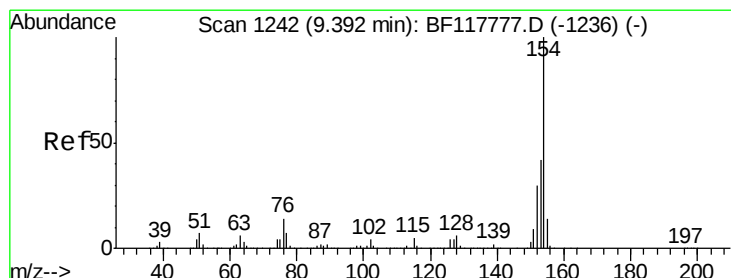
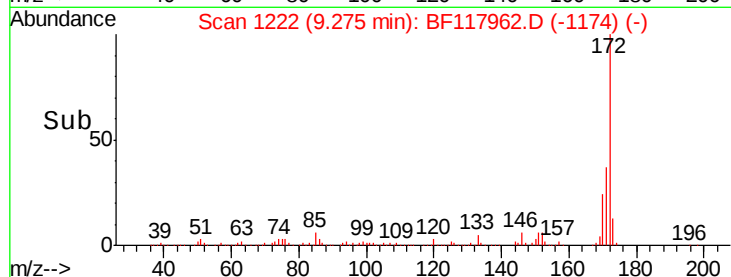
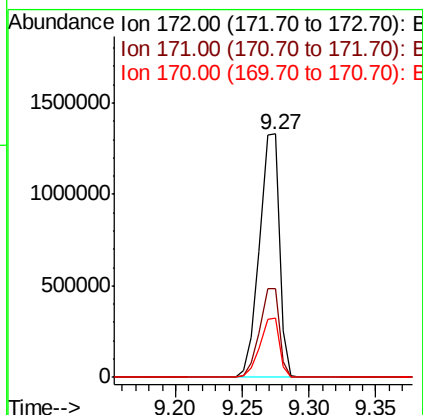
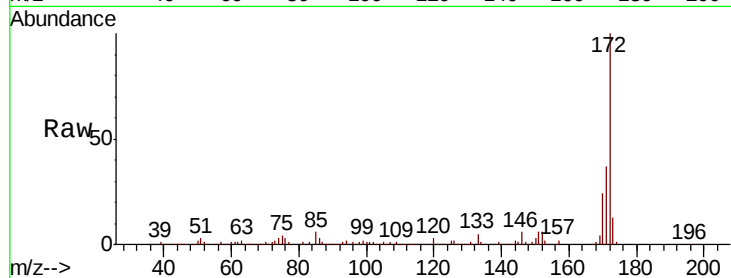




#45
2-Fluorobiphenyl
Concen: 79.356 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

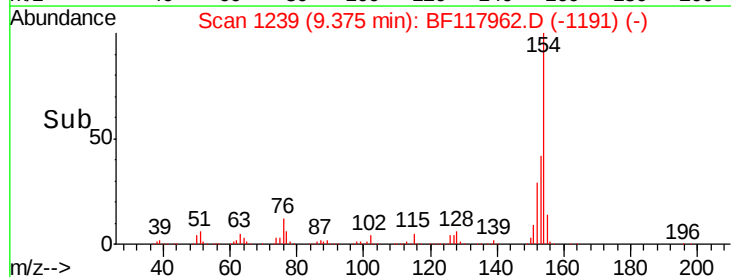
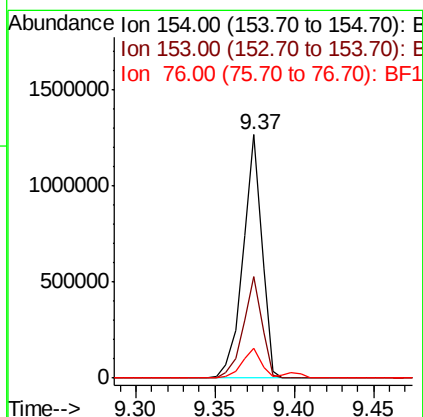
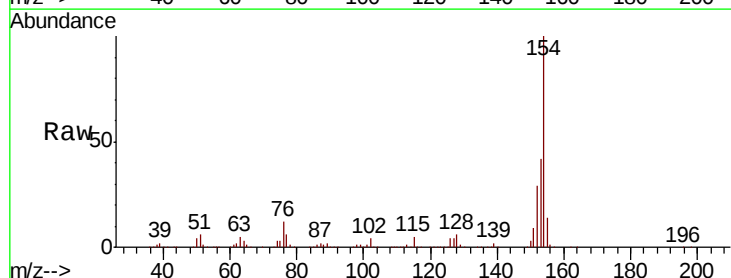
Instrument :
BNA_F
ClientSampleId :

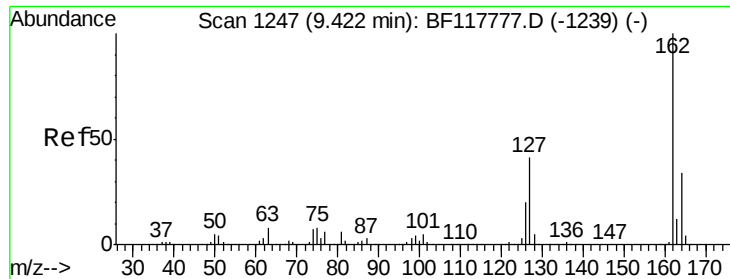
Tot Ion:172 Resp: 1367249
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.2 21.0 31.4



#46
1,1'-Biphenyl
Concen: 45.216 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:154 Resp: 1036902
Ion Ratio Lower Upper
154 100
153 41.5 21.9 61.9
76 12.2 0.0 33.6

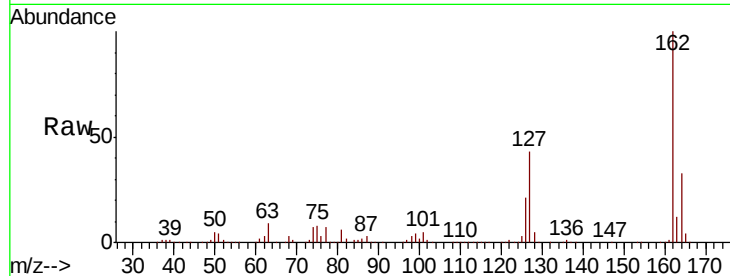




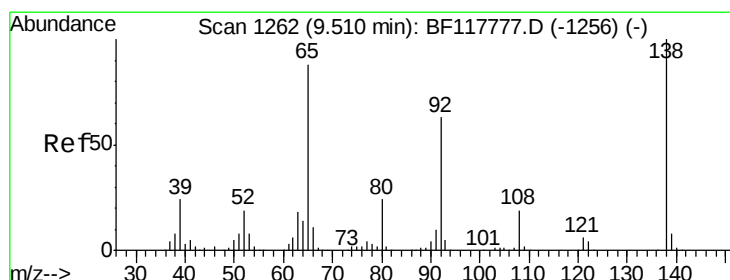
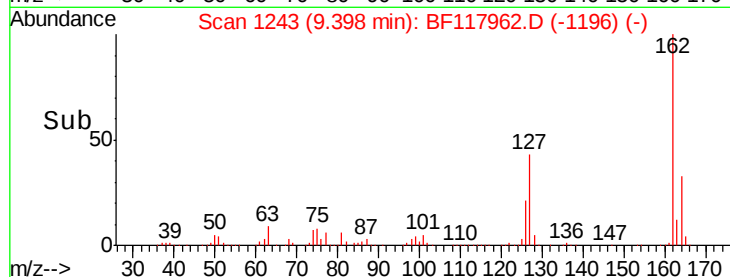
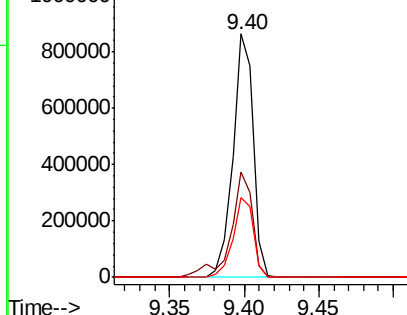
#47
2-Chloronaphthalene
Concen: 43.795 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.2	33.2	49.8
164	32.8	27.3	40.9

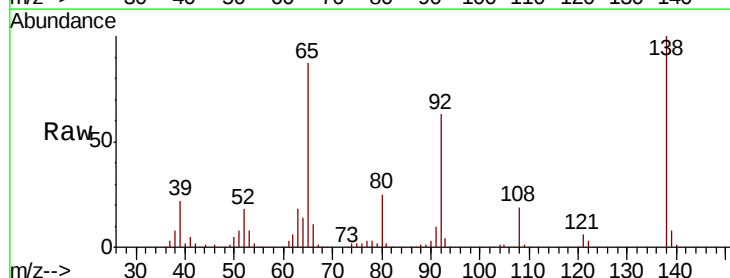


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

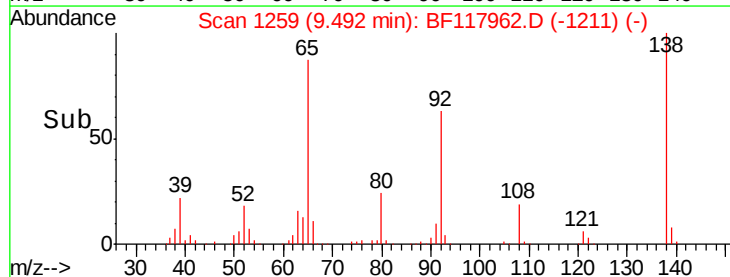
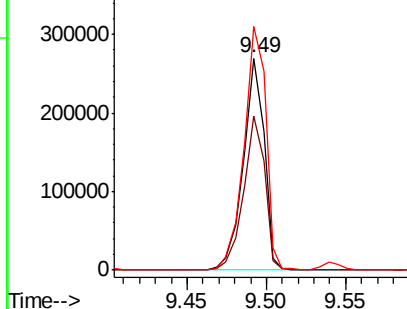


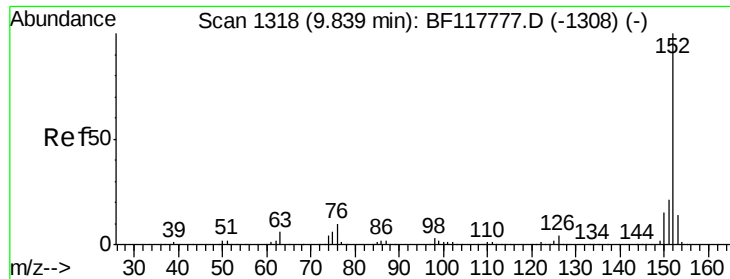
#48
2-Nitroaniline
Concen: 43.205 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	56.6	84.8
138	114.9	90.5	135.7



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





#49

Acenaphthylene

Concen: 48.316 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

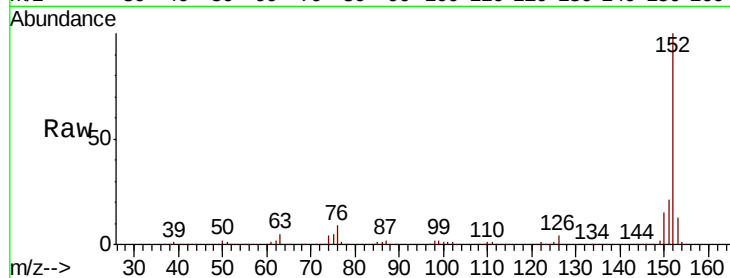
Tot Ion:152 Resp: 1328913

Ion Ratio Lower Upper

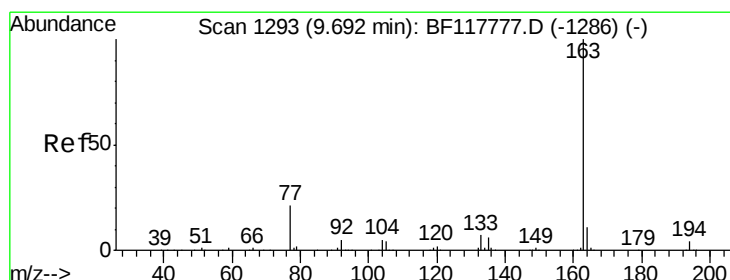
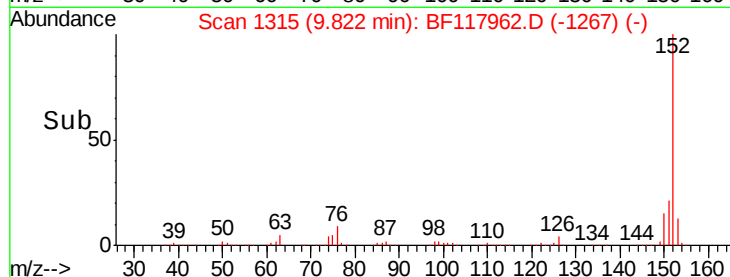
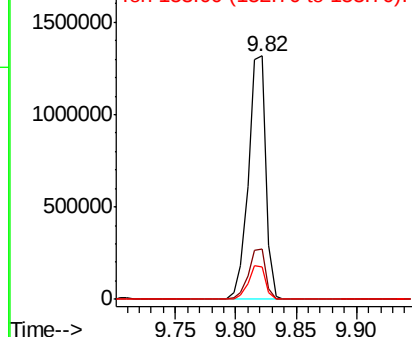
152 100

151 20.9 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: 55.710 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

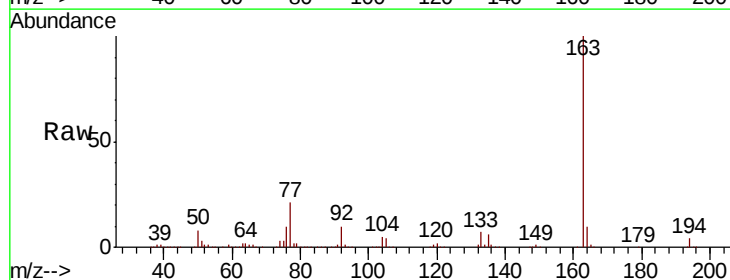
Tgt Ion:163 Resp: 1207533

Ion Ratio Lower Upper

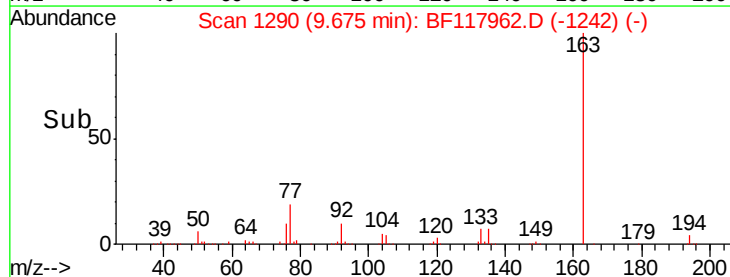
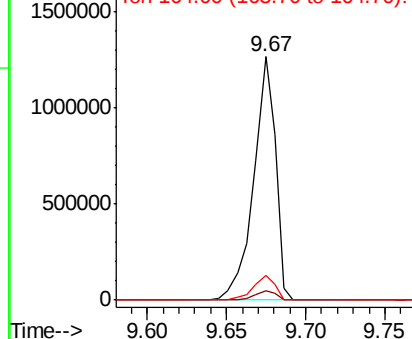
163 100

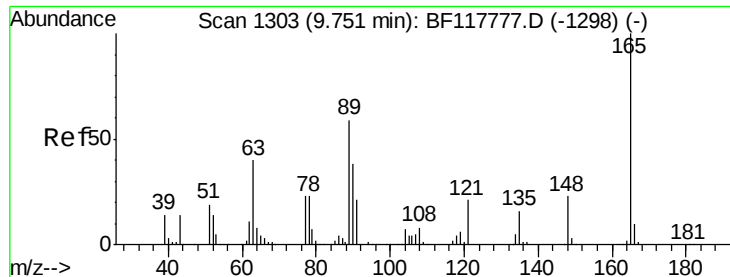
194 3.8 3.3 4.9

164 10.4 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

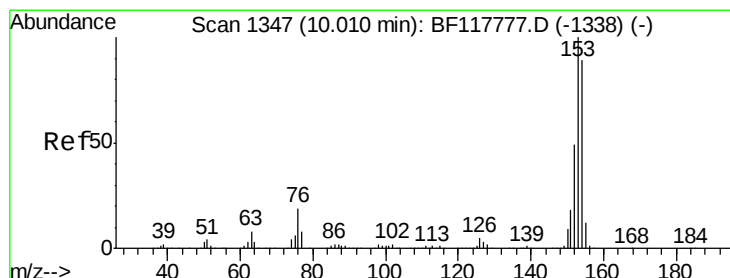
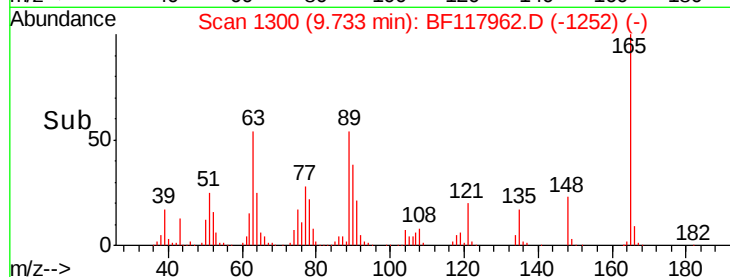
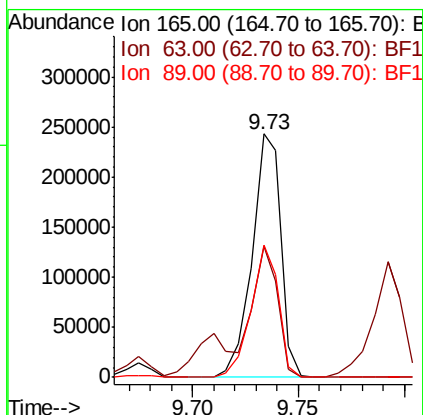
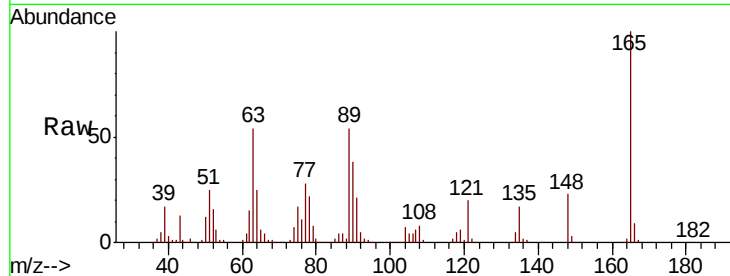




#51
 2,6-Dinitrotoluene
 Concen: 48.625 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

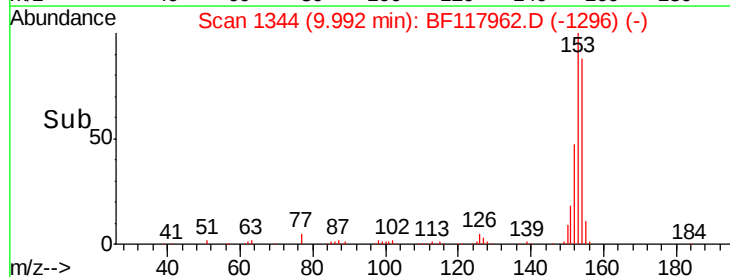
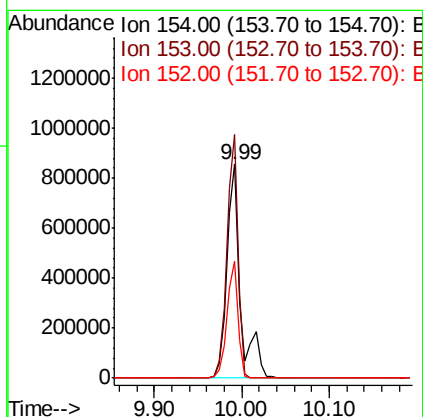
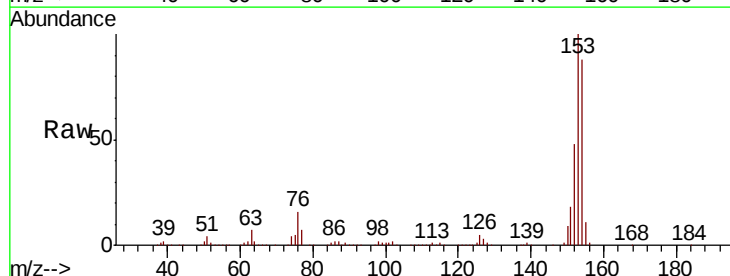
Instrument :
 BNA_F
 ClientSampleId :

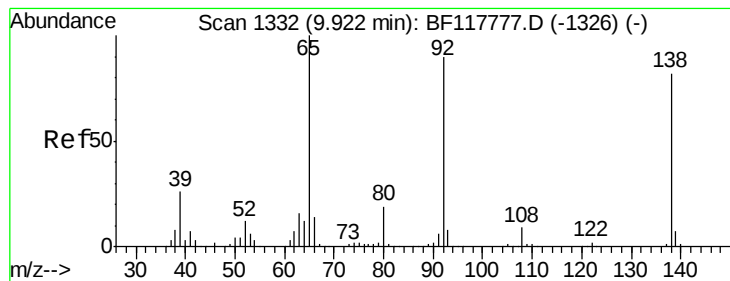
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.9	46.0	69.0
89	54.1	47.7	71.5



#52
 Acenaphthene
 Concen: 52.222 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	54.6	44.0	66.0





#53

3-Nitroaniline

Concen: 24.567 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

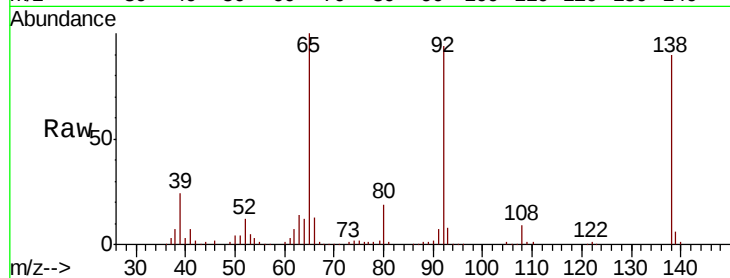
Tot Ion:138 Resp: 139255

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

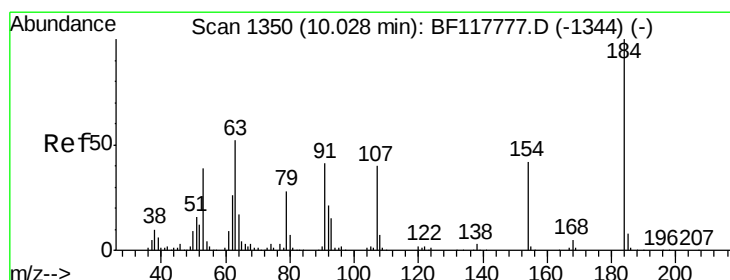
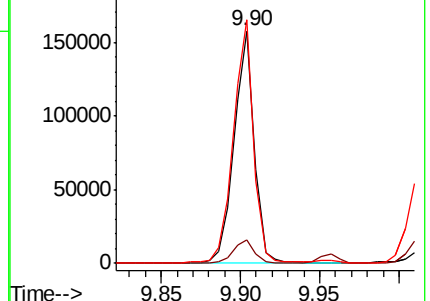
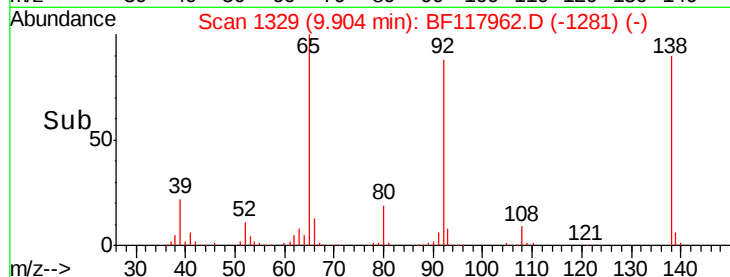
92 104.7 87.9 131.9



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: 100.430 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

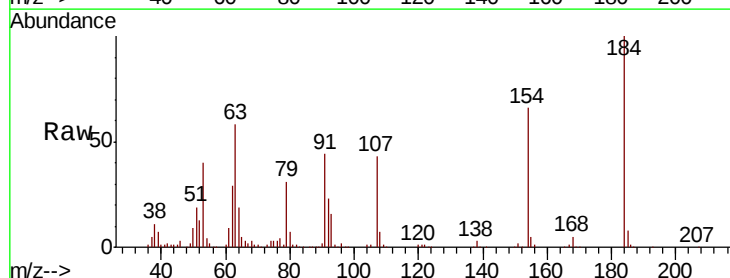
Tgt Ion:184 Resp: 249388

Ion Ratio Lower Upper

184 100

63 57.5 43.0 64.6

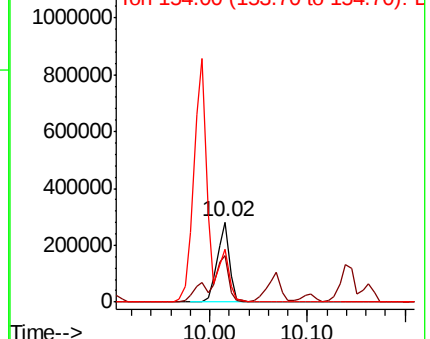
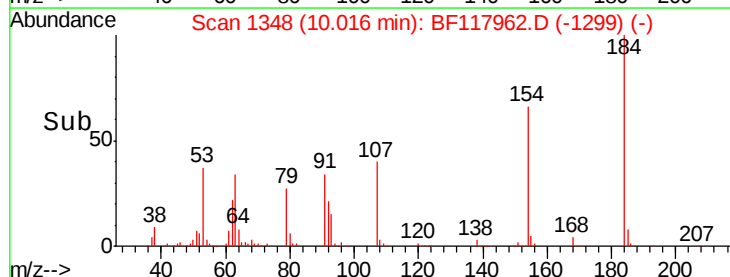
154 66.2 48.0 72.0



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

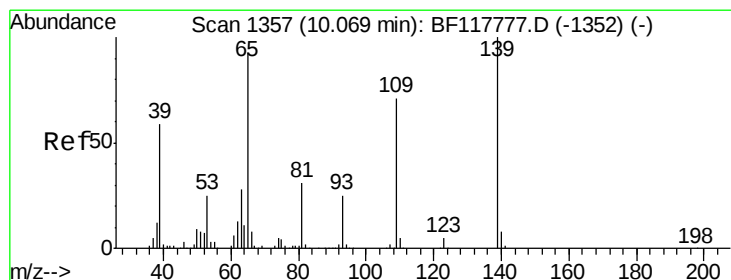
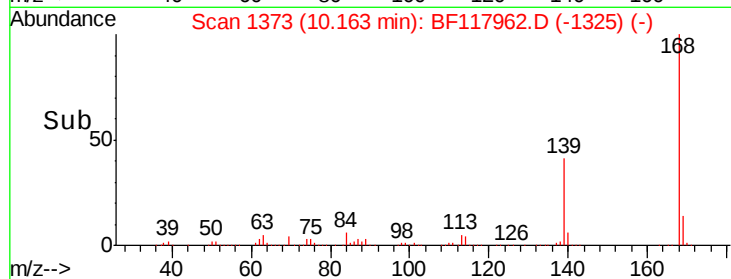
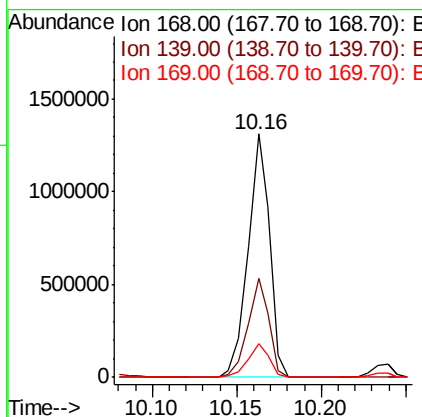
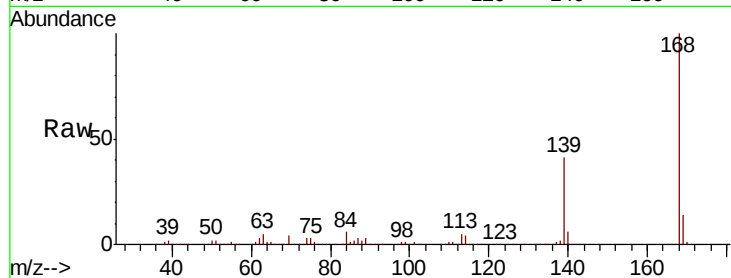




#55
Dibenzenofuran
Concen: 47.930 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

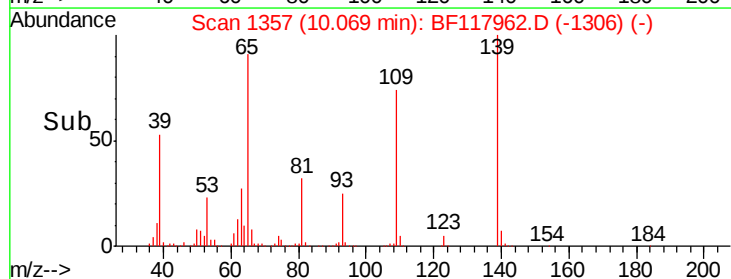
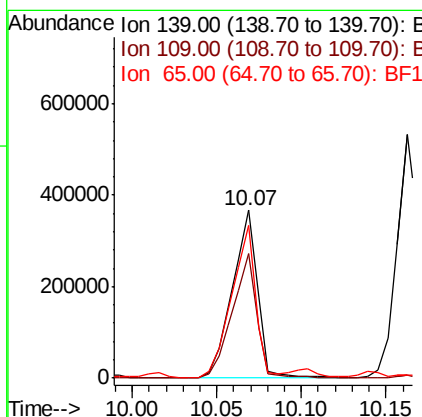
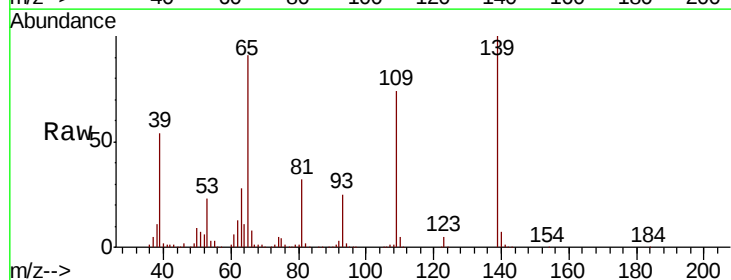
Instrument :
BNA_F
ClientSampleId :

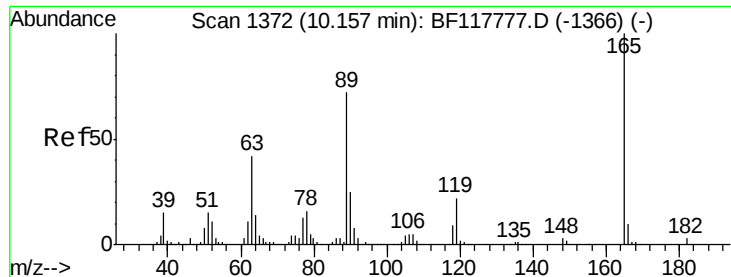
Tot Ion:168 Resp: 1169410
Ion Ratio Lower Upper
168 100
139 40.6 33.0 49.6
169 13.8 11.5 17.3



#56
4-Nitrophenol
Concen: 90.376 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:139 Resp: 382392
Ion Ratio Lower Upper
139 100
109 73.8 50.8 90.8
65 90.8 73.6 113.6

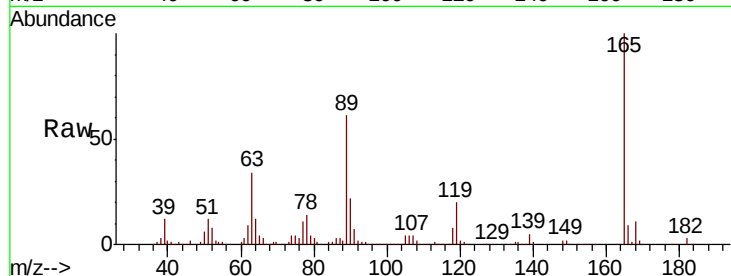




#57
2,4-Dinitrotoluene
Concen: 51.889 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.4	33.7	50.5
89	60.6	57.3	85.9
182	2.9	2.3	3.5



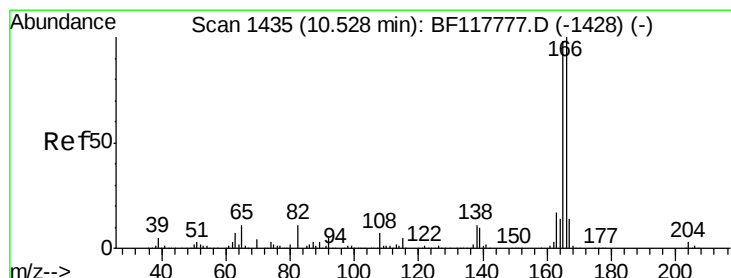
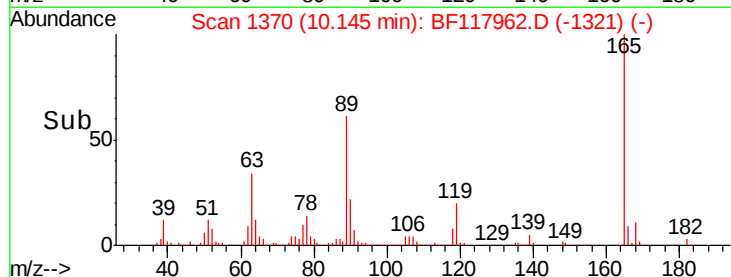
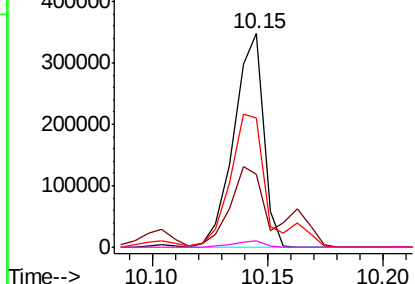
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

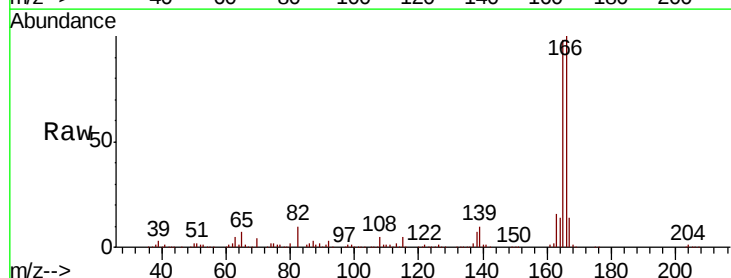
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.516 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.6	11.0	16.4

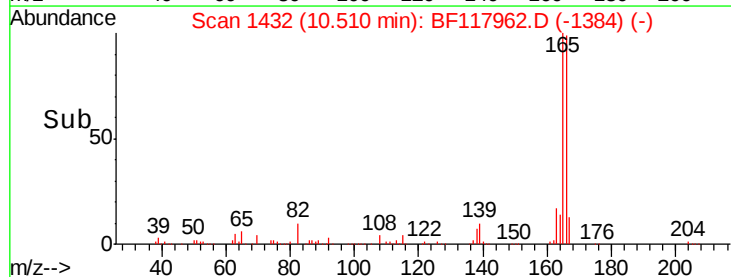
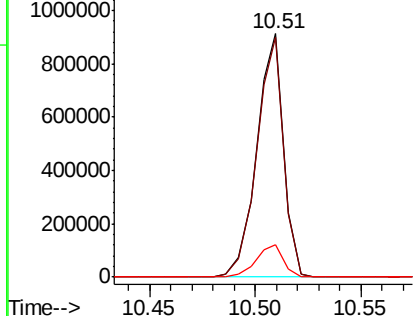


Abundance

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

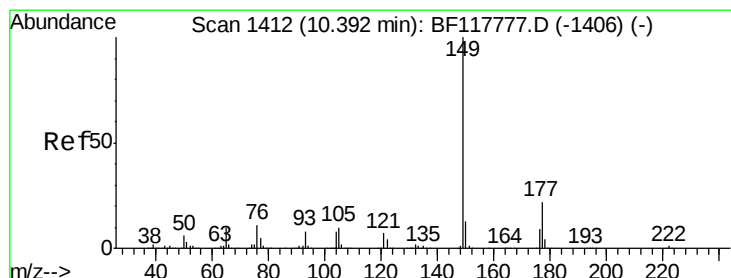
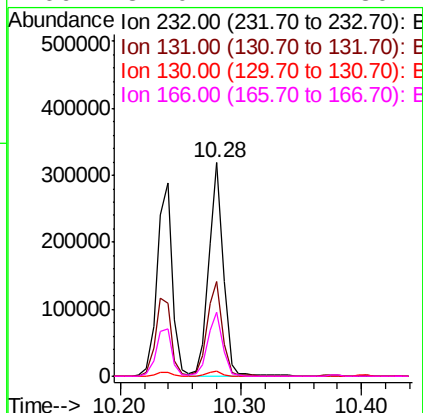
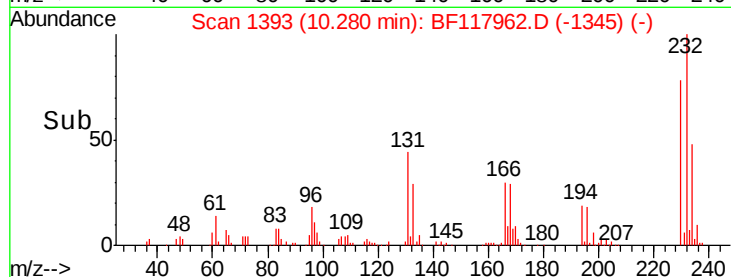
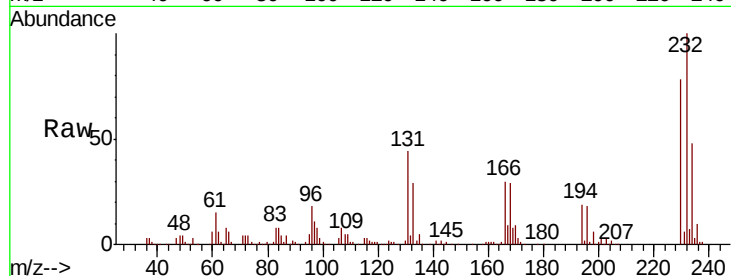




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.162 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

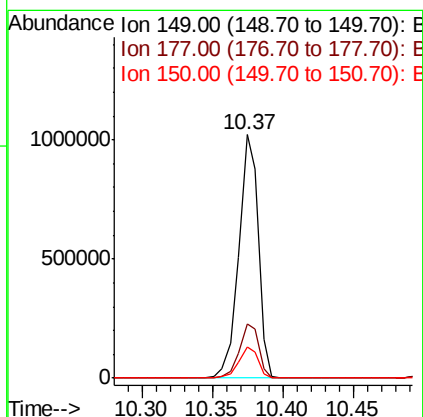
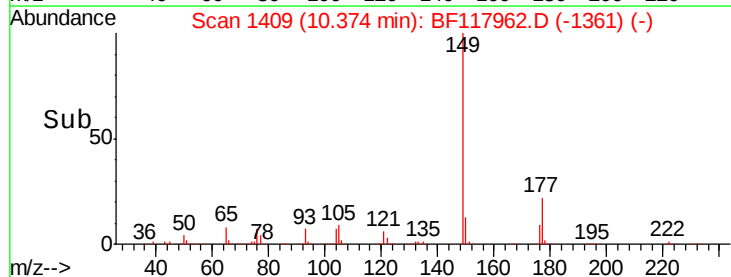
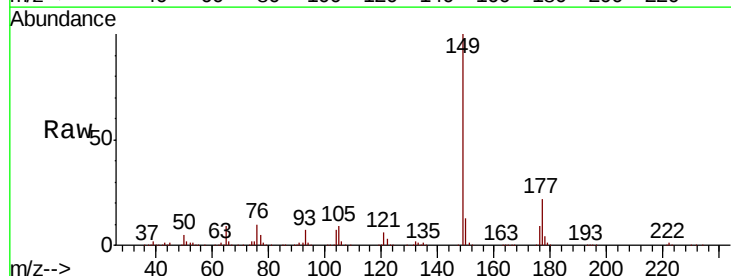
Instrument :
 BNA_F
 ClientSampled :

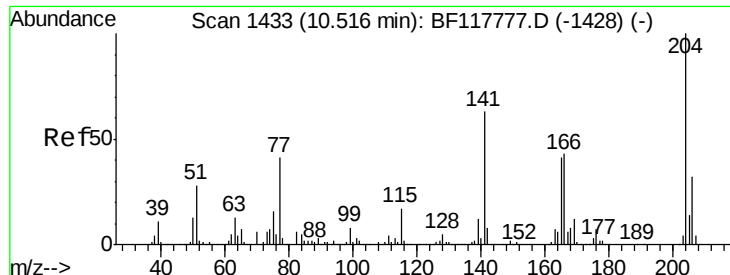
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.6	56.4
130	2.2	1.9	2.9
166	31.0	24.2	36.4



#60
 Diethylphthalate
 Concen: 46.377 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.7	10.5	15.7

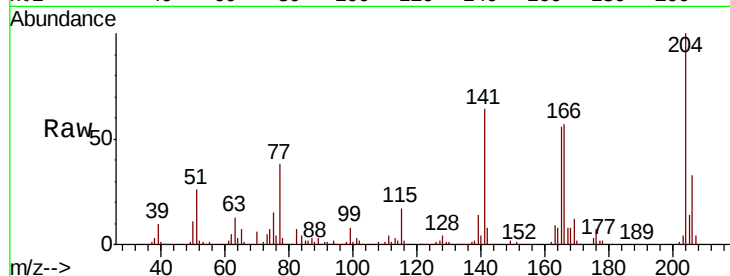




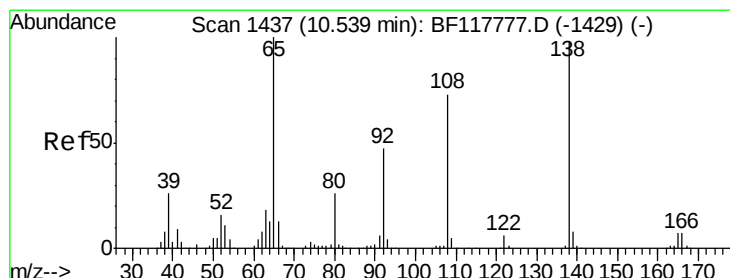
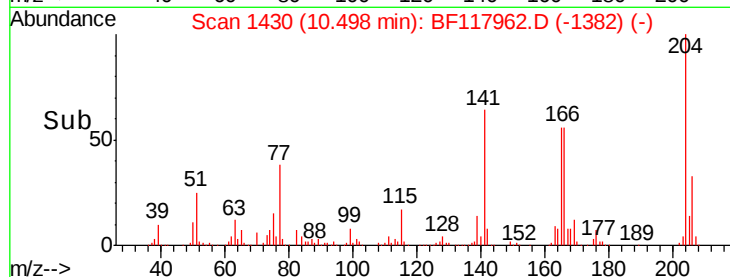
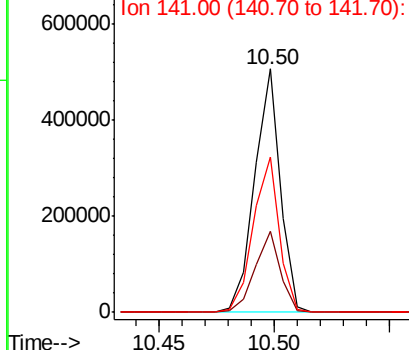
#61
4-Chlorophenyl-phenylether
Concen: 41.181 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 395135
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 64.0 50.7 76.1

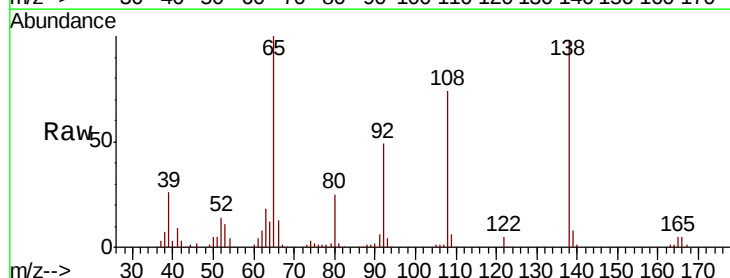


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

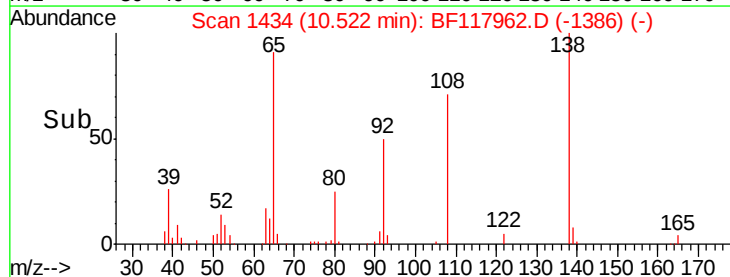
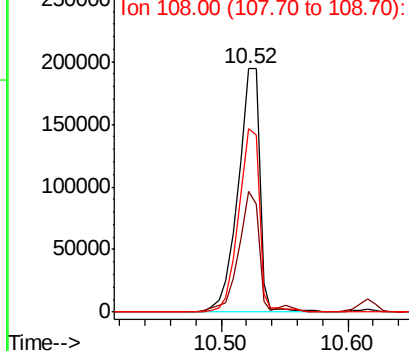


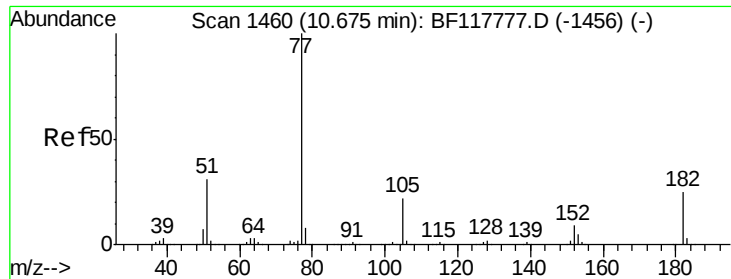
#62
4-Nitroaniline
Concen: 40.284 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:138 Resp: 228635
Ion Ratio Lower Upper
138 100
92 49.6 28.3 68.3
108 75.4 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: 46.642 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 896710

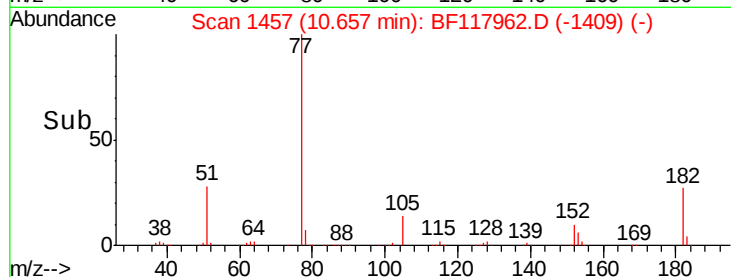
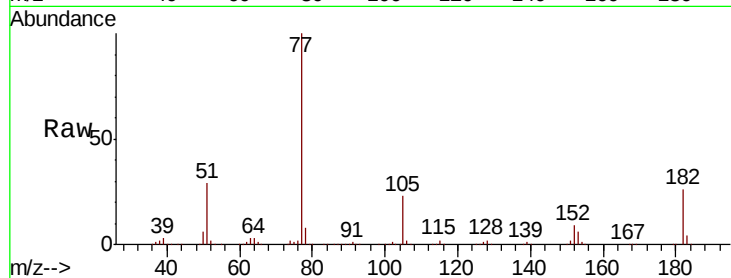
Ion Ratio Lower Upper

77 100

182 26.0 4.8 44.8

105 22.6 2.1 42.1

51 29.1 11.4 51.4



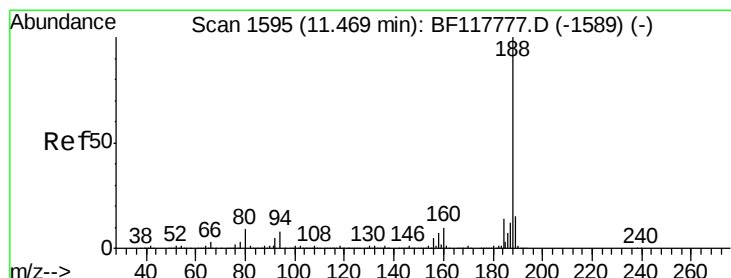
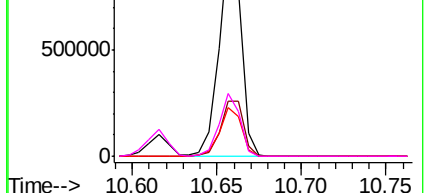
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

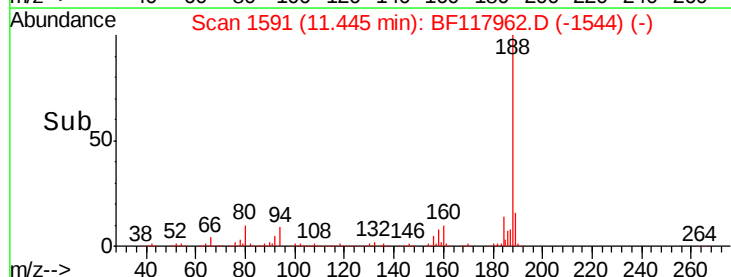
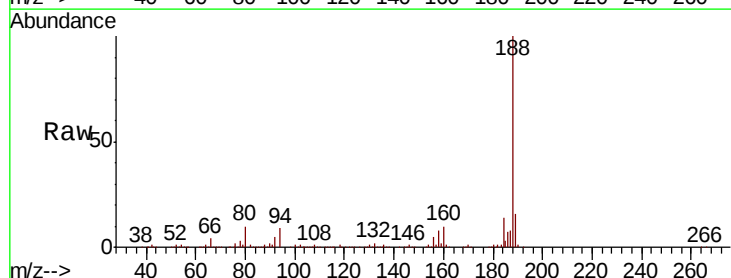
Tgt Ion: 188 Resp: 617759

Ion Ratio Lower Upper

188 100

94 9.5 6.6 10.0

80 10.2 7.2 10.8

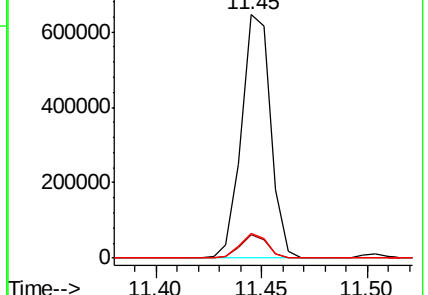


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

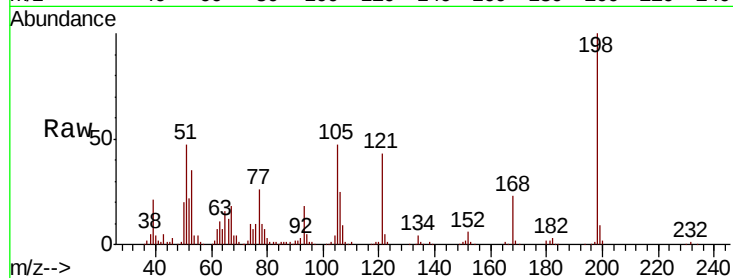




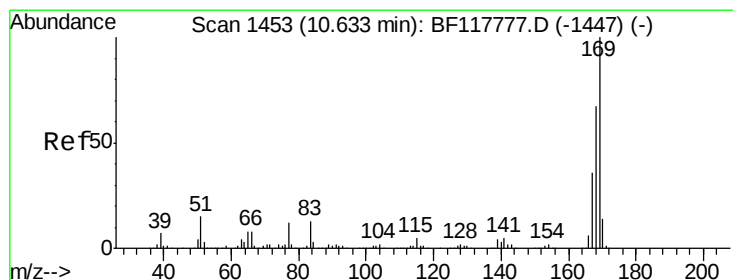
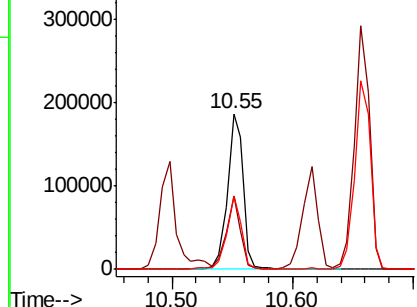
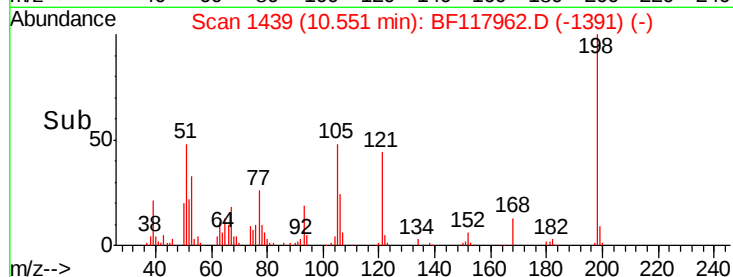
#65
 4,6-Dinitro-2-methylphenol
 Concen: 58.278 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 168068
 Ion Ratio Lower Upper
 198 100
 51 47.3 16.0 56.0
 105 47.1 19.1 59.1

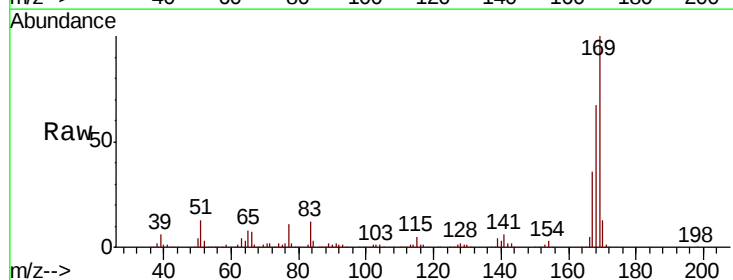


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

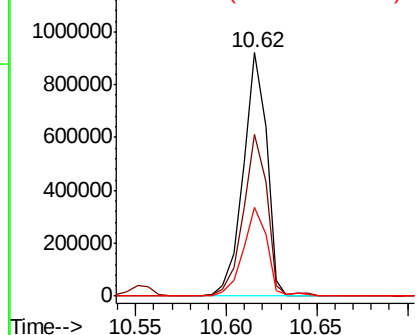
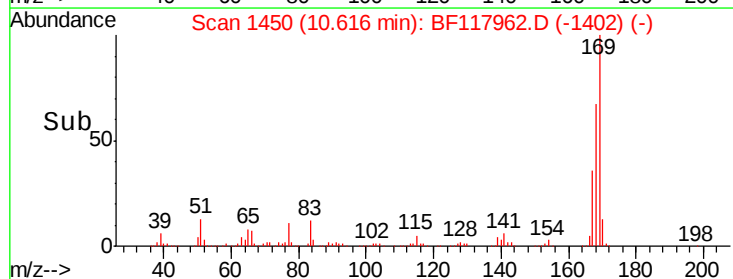


#66
 n-Nitrosodiphenylamine
 Concen: 46.092 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion:169 Resp: 828673
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.5 80.3
 167 36.3 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

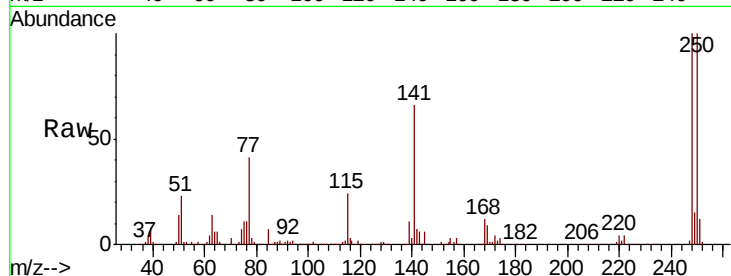




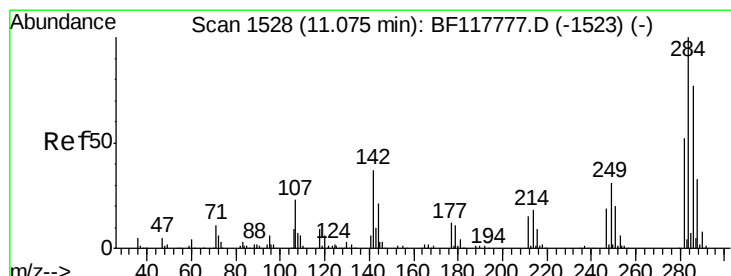
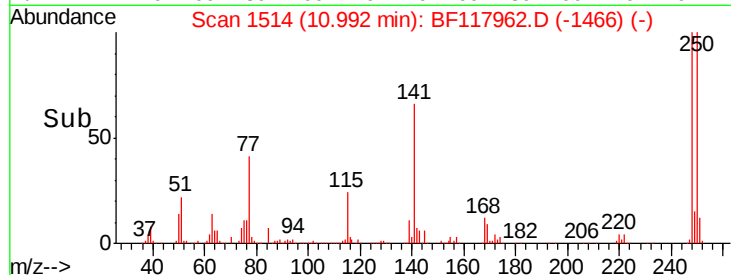
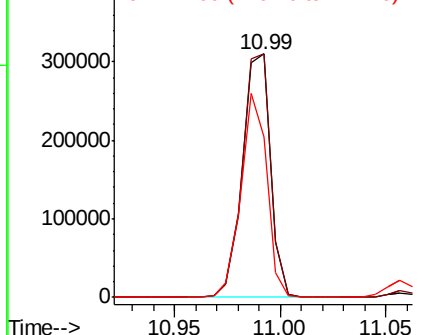
#67
4-Bromophenyl-phenylether
Concen: 42.870 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 285750
Ion Ratio Lower Upper
248 100
250 100.1 76.6 115.0
141 65.8 55.9 83.9

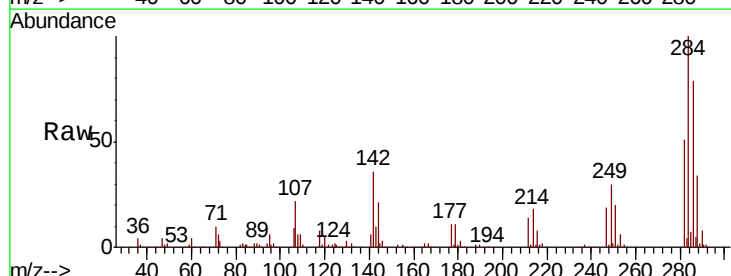


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

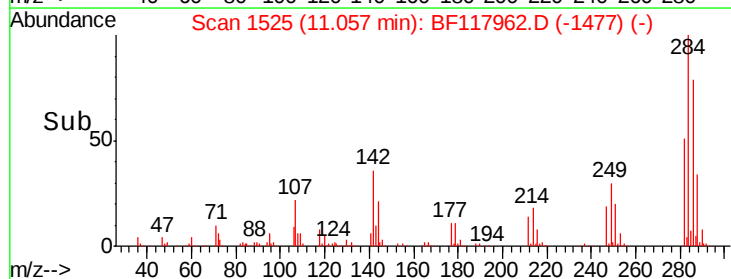
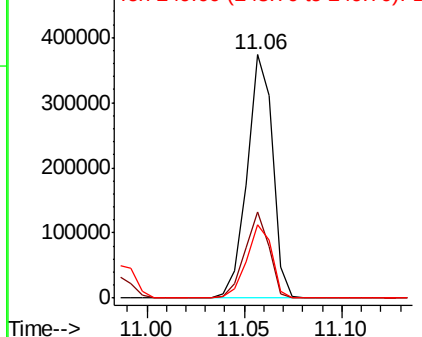


#68
Hexachlorobenzene
Concen: 43.514 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:284 Resp: 338204
Ion Ratio Lower Upper
284 100
142 35.5 29.4 44.2
249 30.2 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

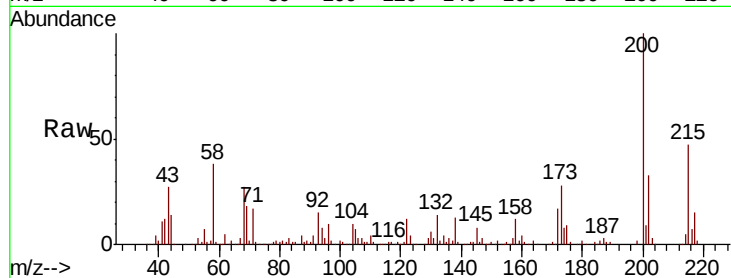




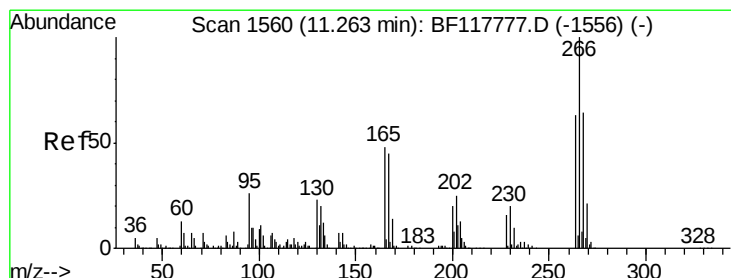
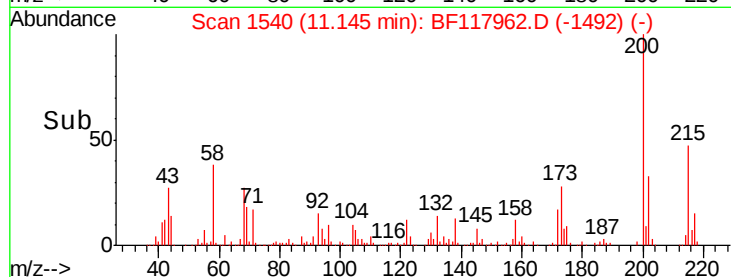
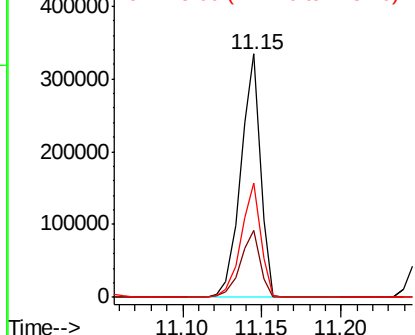
#69
 Atrazine
 Concen: 48.358 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.7	46.7
215	46.7	27.5	67.5

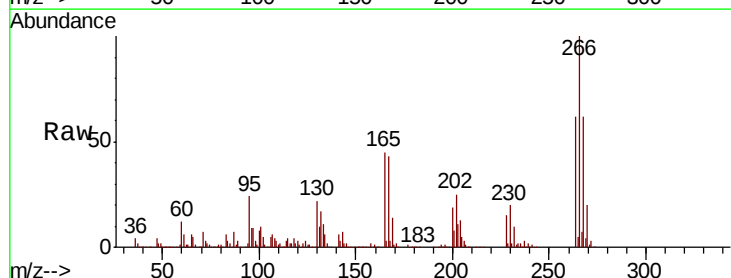


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

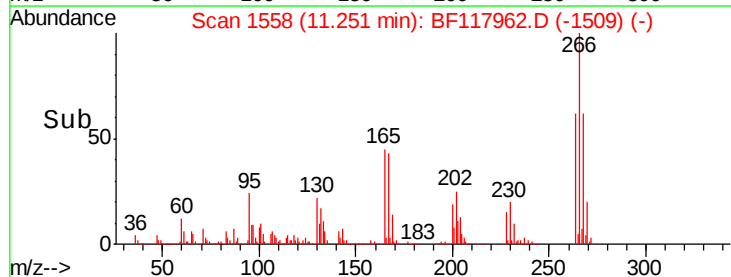
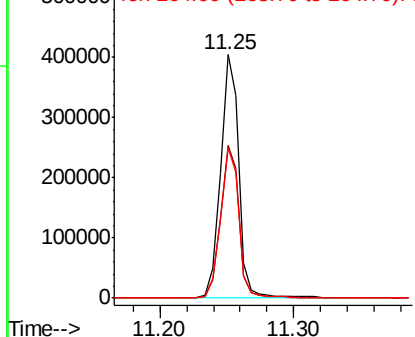


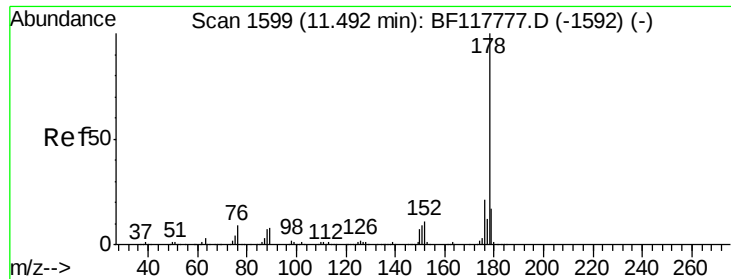
#70
 Pentachlorophenol
 Concen: 85.845 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.8	76.2
264	61.7	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

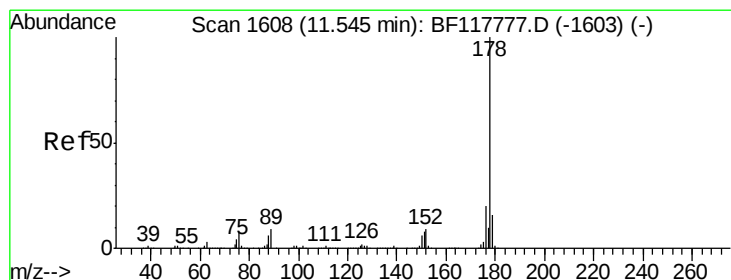
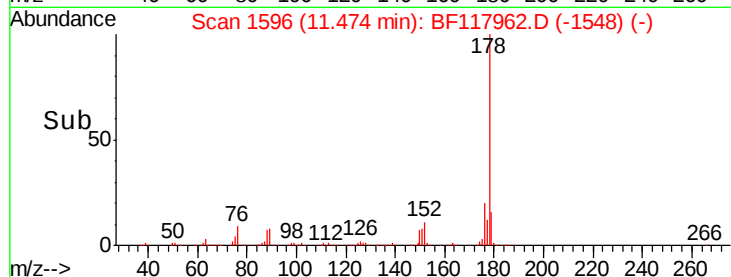
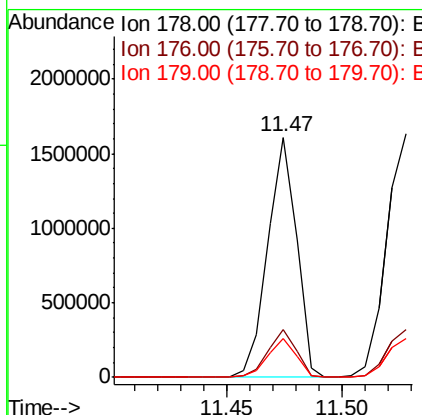
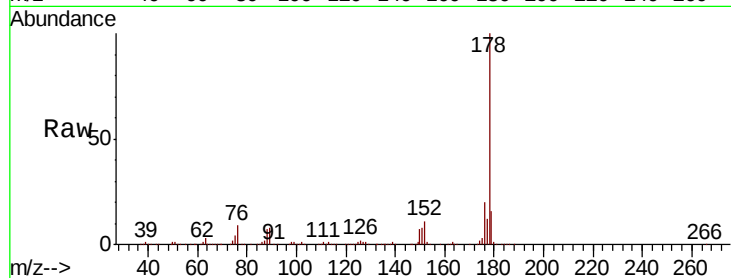




#71
Phenanthrene
Concen: 45.157 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

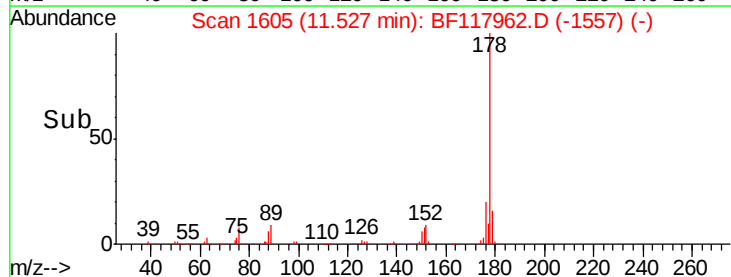
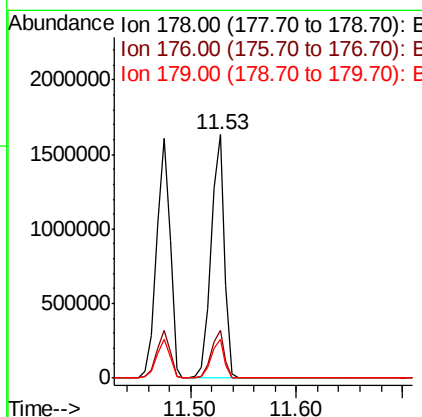
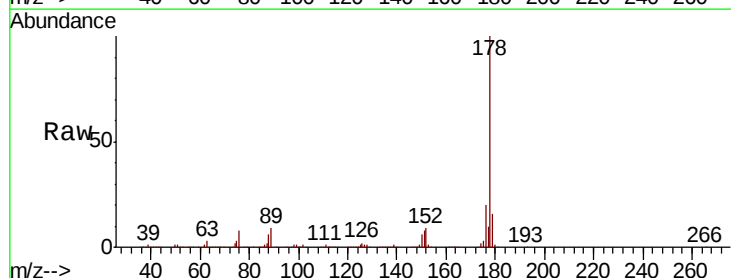
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1402541
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 15.9 13.2 19.8



#72
Anthracene
Concen: 47.262 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:178 Resp: 1455381
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.1 13.0 19.4



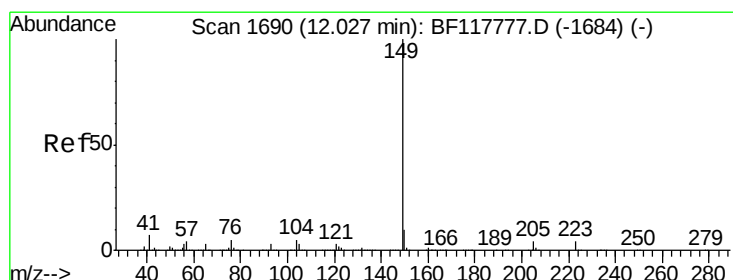
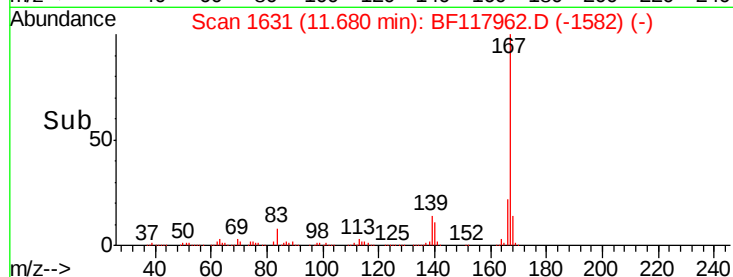
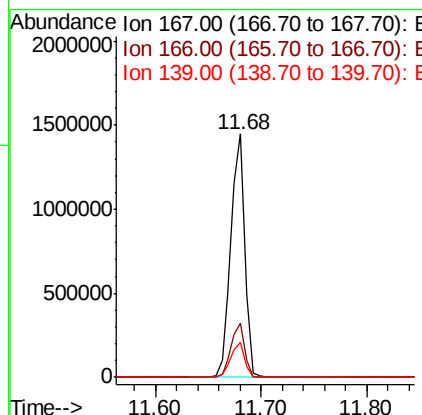
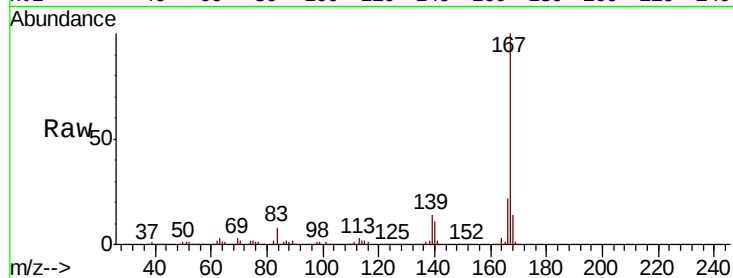


#73
 Carbazole
 Concen: 49.291 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1326407

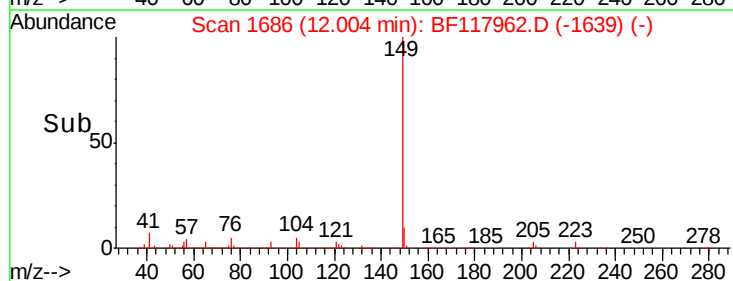
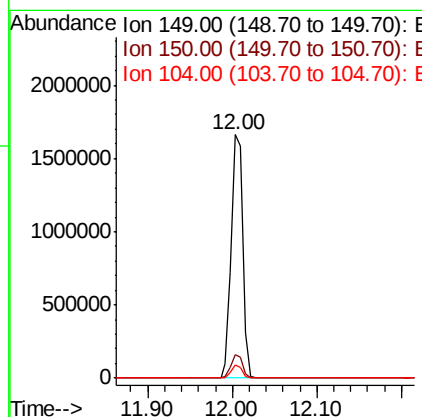
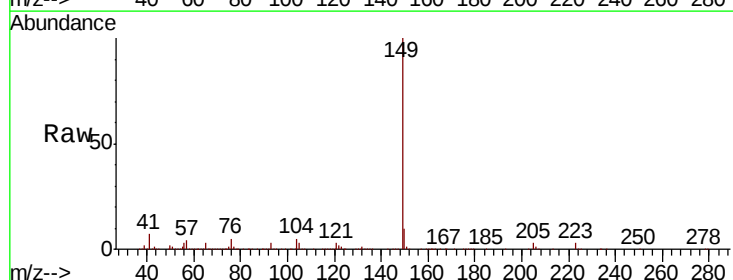
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	14.1	11.7	17.5

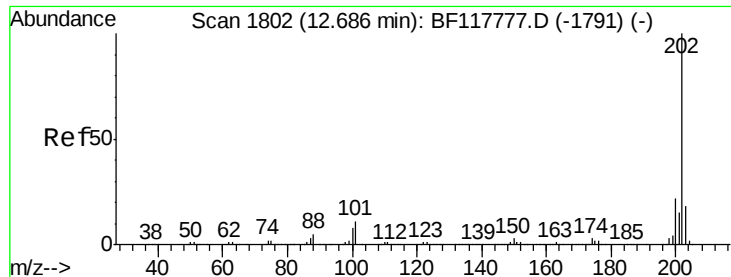


#74
 Di-n-butylphthalate
 Concen: 46.452 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion:149 Resp: 1556376

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.2	4.2	6.4

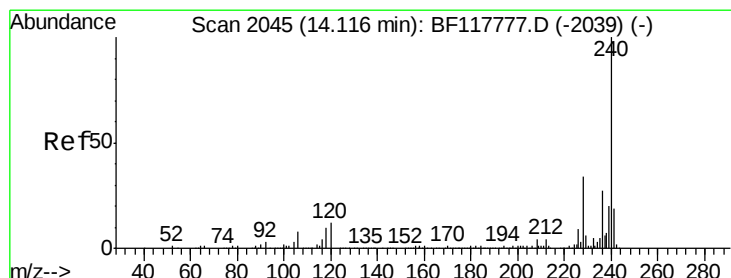
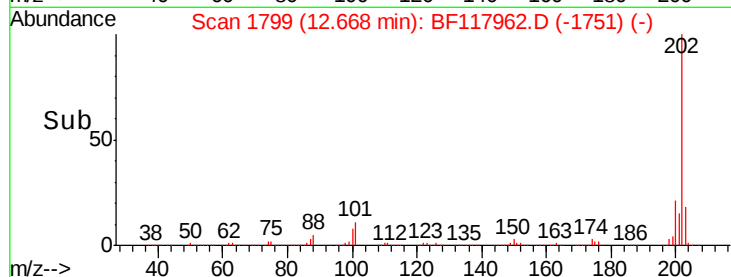
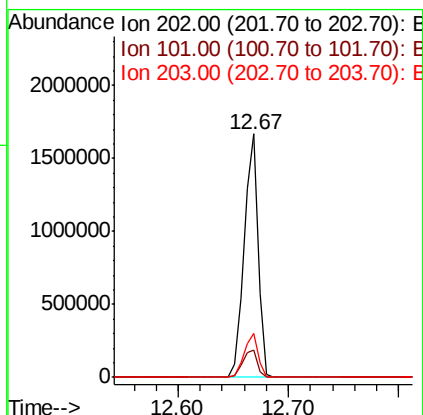
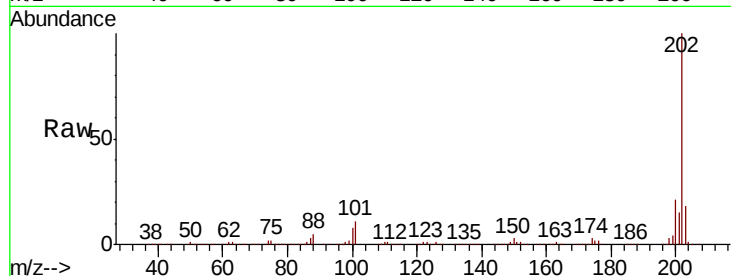




#75
 Fluoranthene
 Concen: 54.111 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BF117962.D
 Acq: 23 Nov 2019 17:48

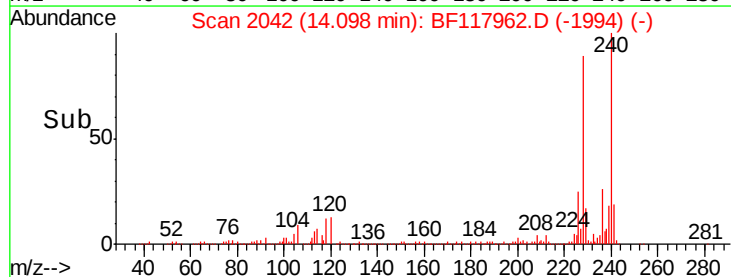
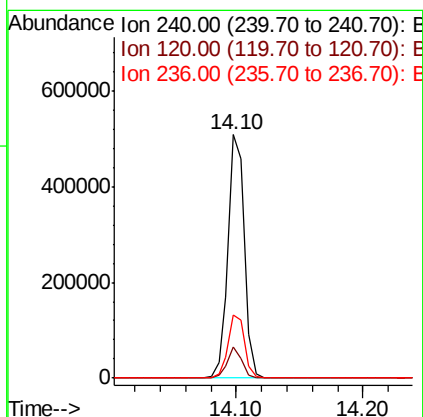
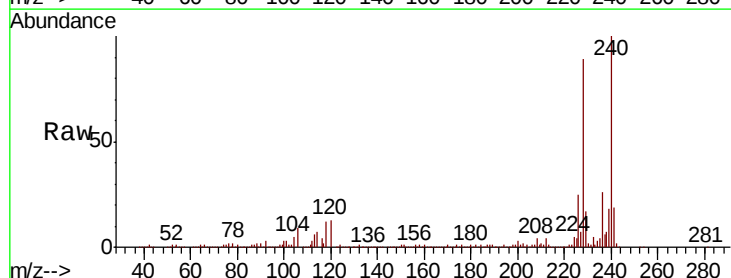
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1487353
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.1
 203 18.0 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: BF117962.D
 Acq: 23 Nov 2019 17:48

Tgt Ion:240 Resp: 452264
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 26.1 21.3 31.9





#77

Benzidine

Concen: 44.652 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampled :

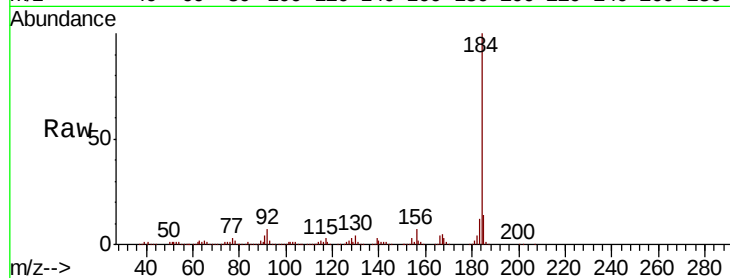
Tot Ion:184 Resp: 661493

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

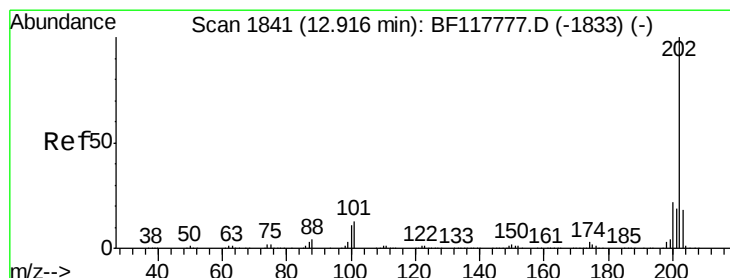
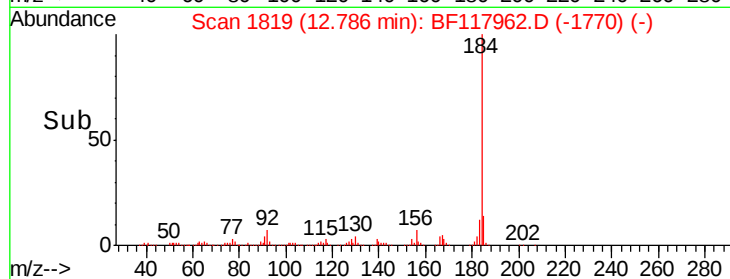
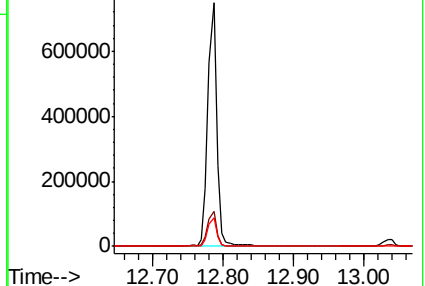
183 11.8 9.5 14.3



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: 40.943 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

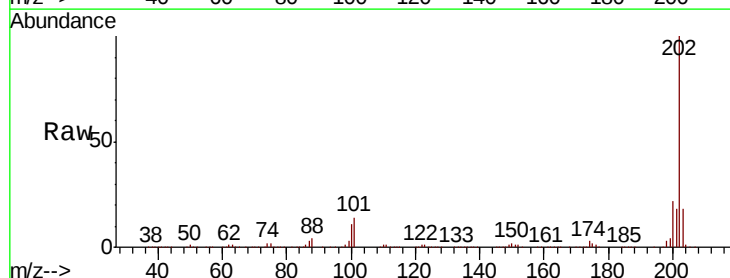
Tgt Ion:202 Resp: 1496456

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

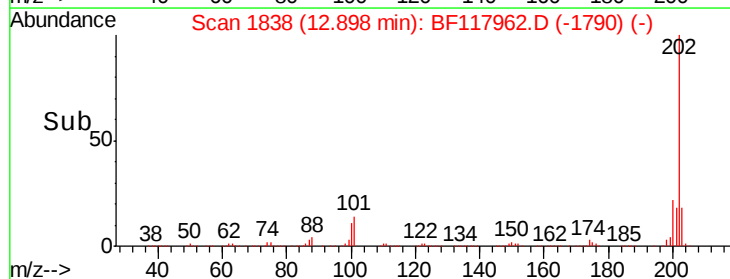
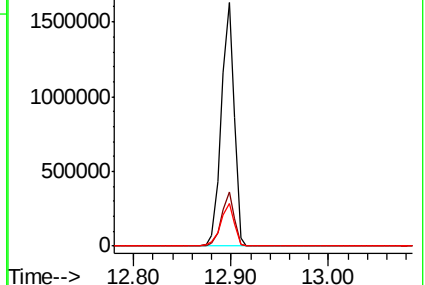
203 17.8 14.6 22.0

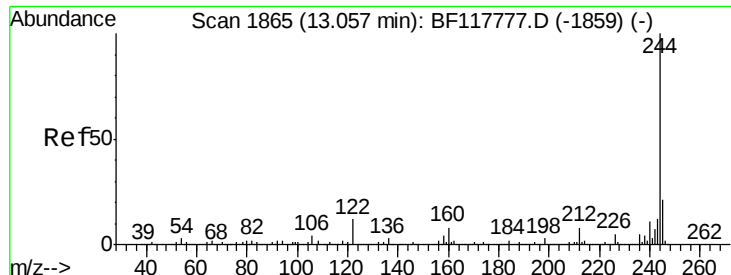


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.412 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

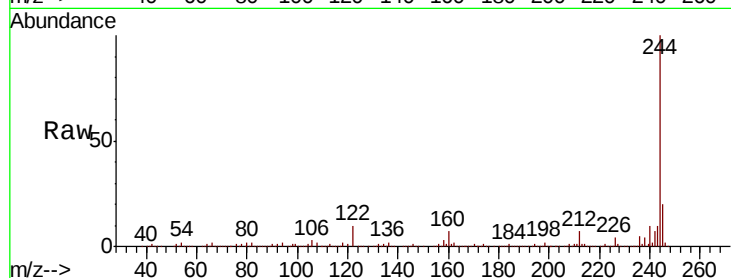
Tot Ion:244 Resp: 1643451

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

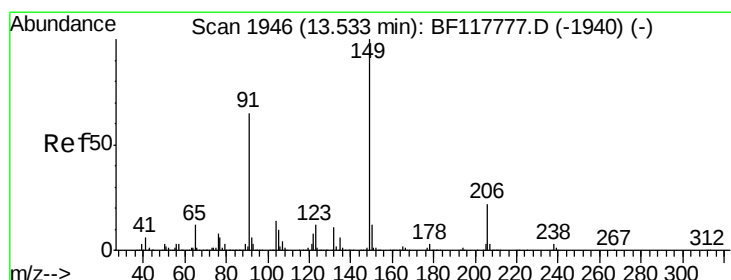
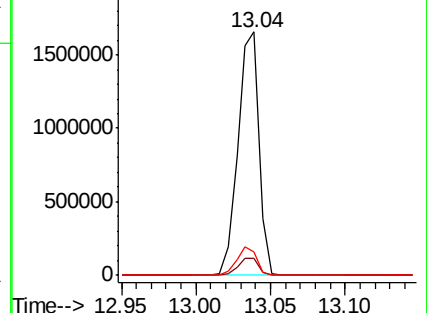
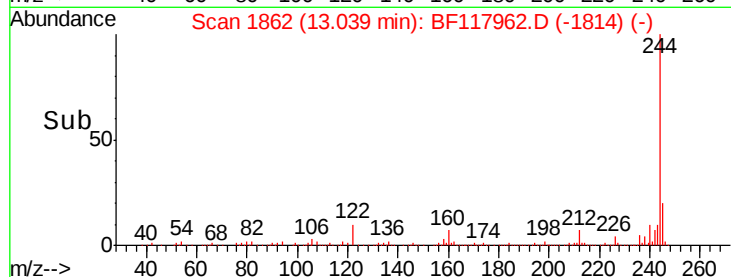
122 9.9 9.4 14.2



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: 38.225 ng

RT: 13.51 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

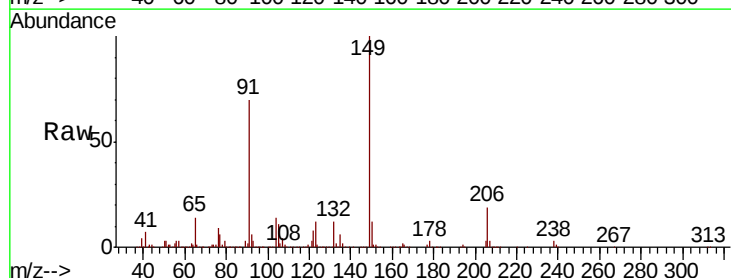
Tgt Ion:149 Resp: 600059

Ion Ratio Lower Upper

149 100

91 70.5 51.9 77.9

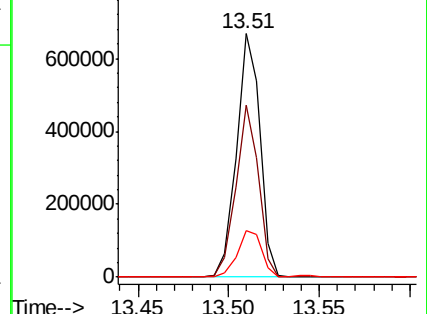
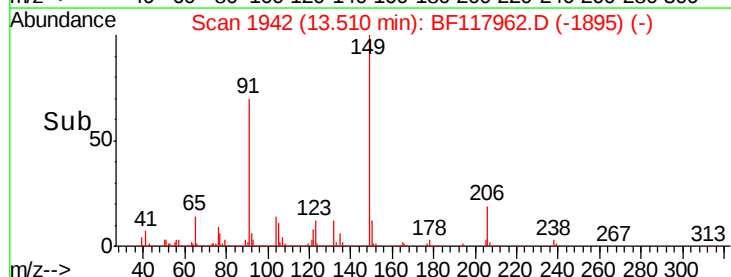
206 18.9 17.2 25.8



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: 47.045 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

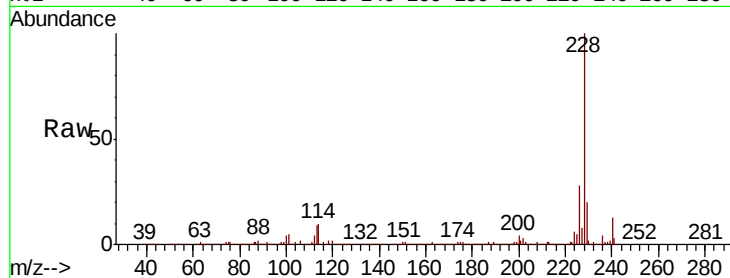
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1405997

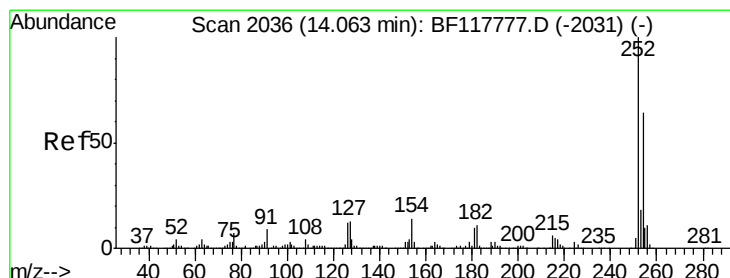
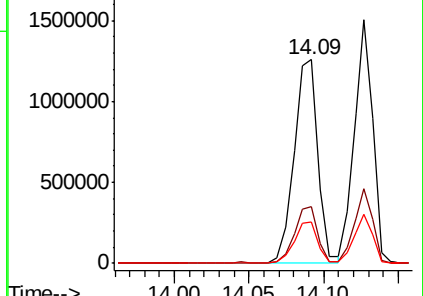
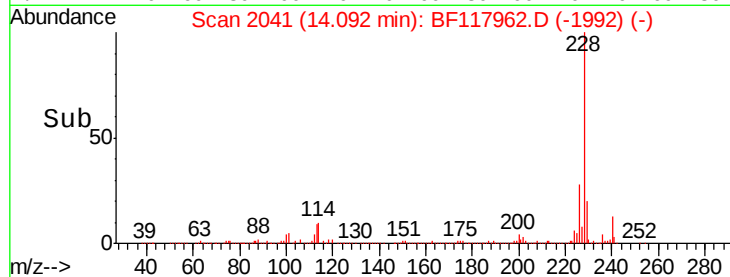
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.2	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.028 ng

RT: 14.04 min Scan# 2033

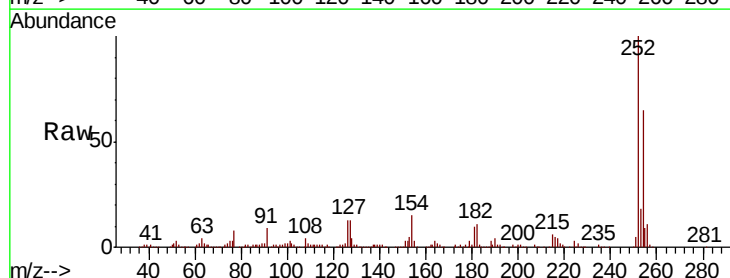
Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Tgt Ion:252 Resp: 334822

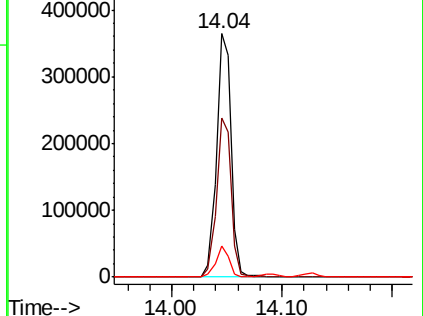
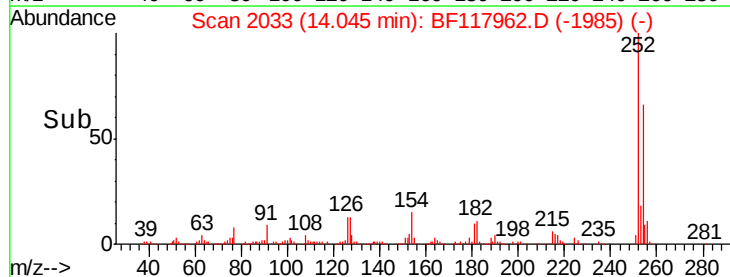
Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.0	76.6
126	12.8	9.7	14.5

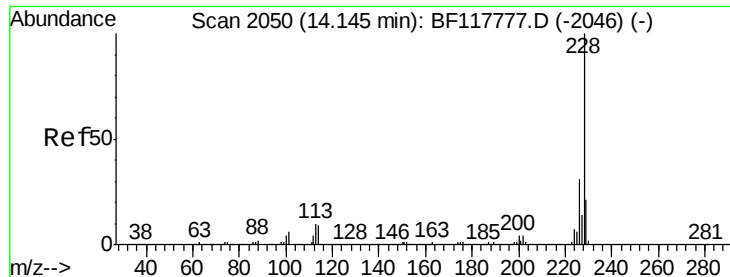


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.364 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

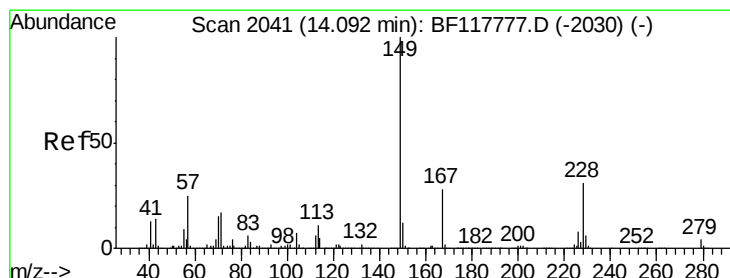
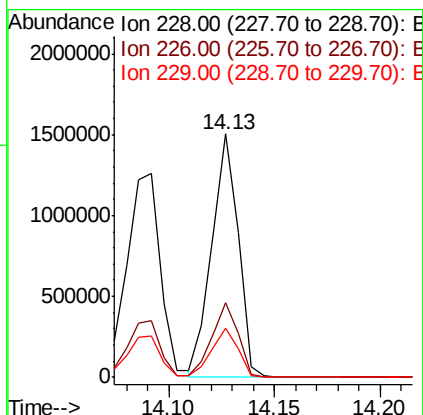
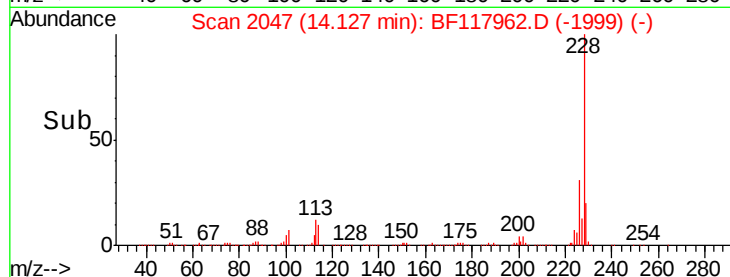
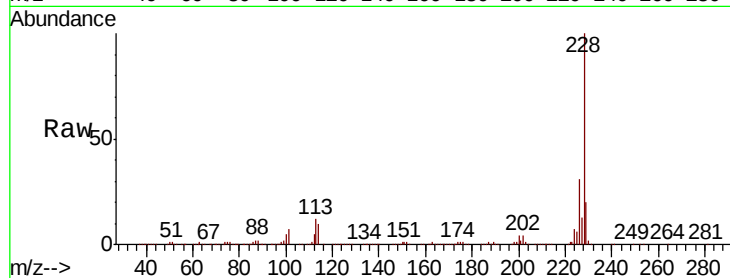
Tot Ion:228 Resp: 1313745

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.331 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

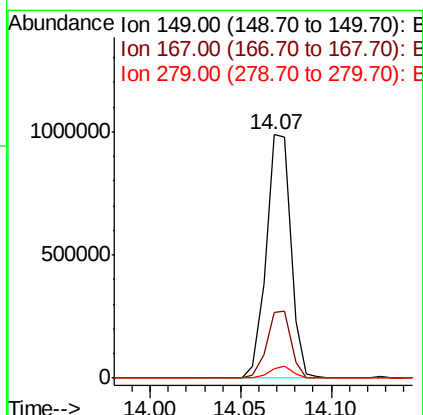
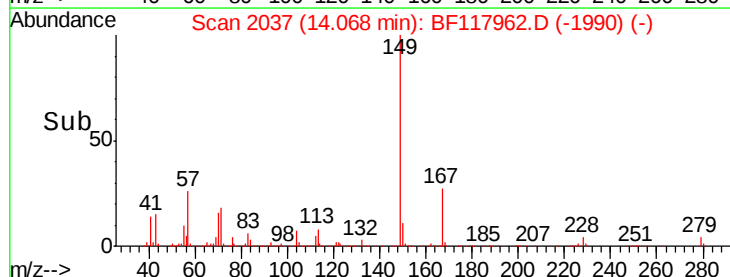
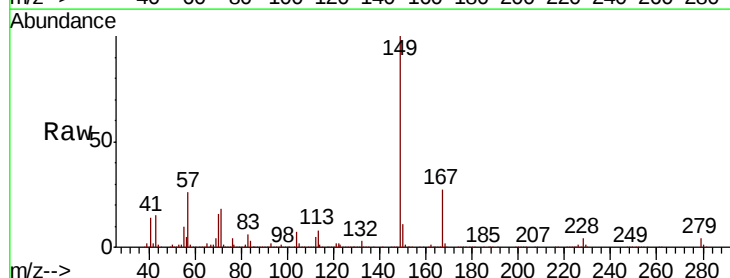
Tgt Ion:149 Resp: 938851

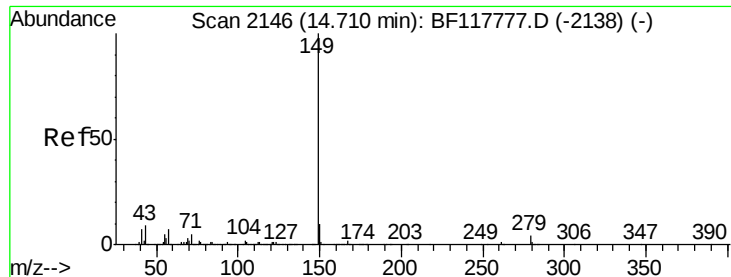
Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

279 3.8 3.4 5.2

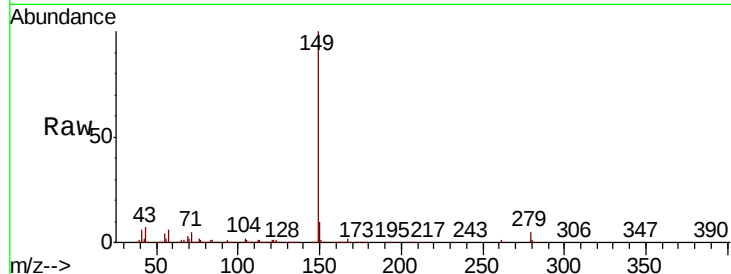




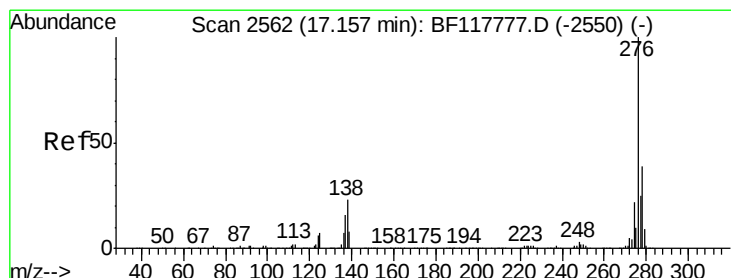
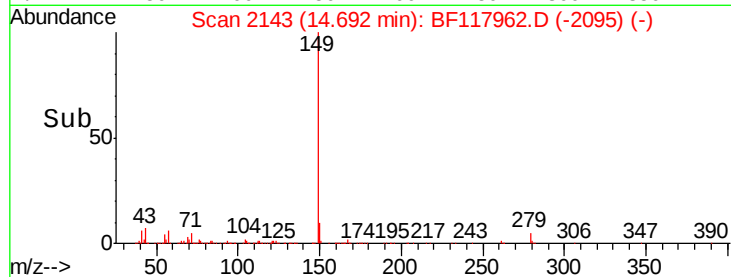
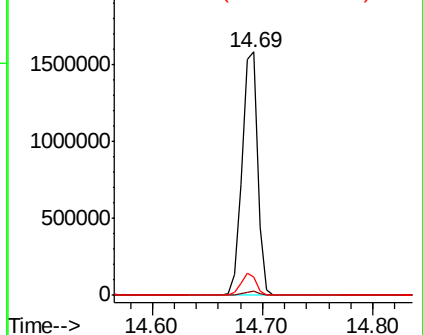
#85
Di-n-octyl phthalate
Concen: 56.522 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1580312
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.4 11.2

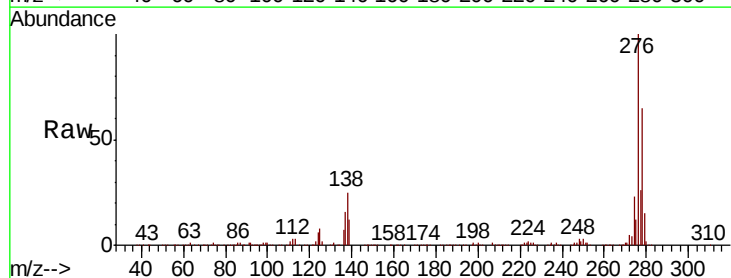


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

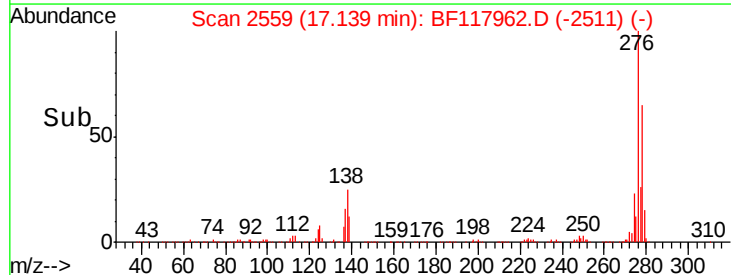
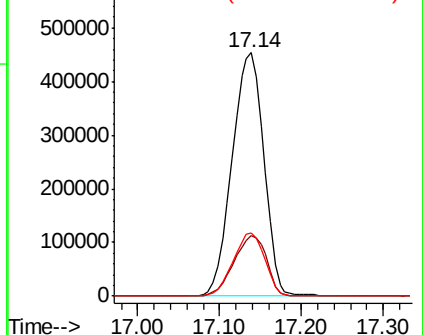


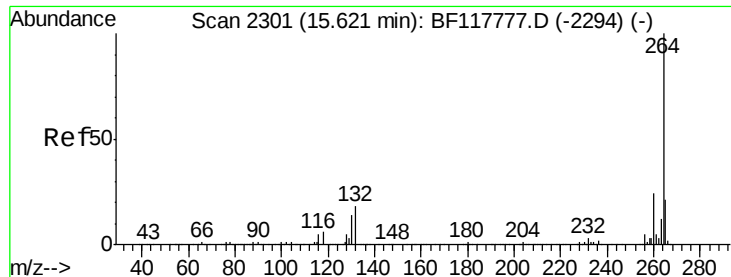
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.784 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:276 Resp: 1227048
Ion Ratio Lower Upper
276 100
138 25.7 20.9 31.3
277 26.0 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: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

Instrument :

BNA_F

ClientSampleId :

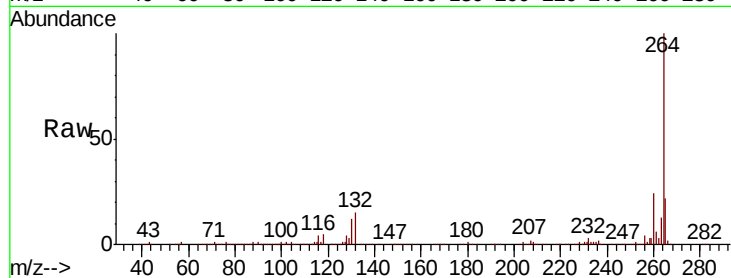
Tot Ion:264 Resp: 402574

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

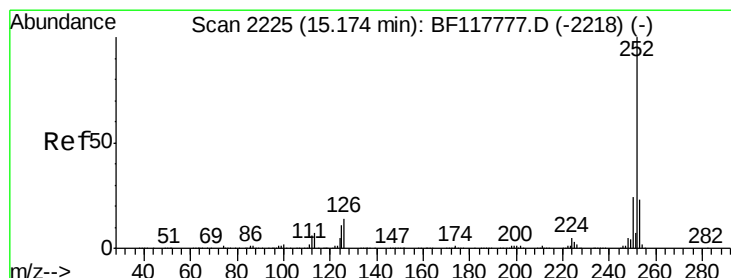
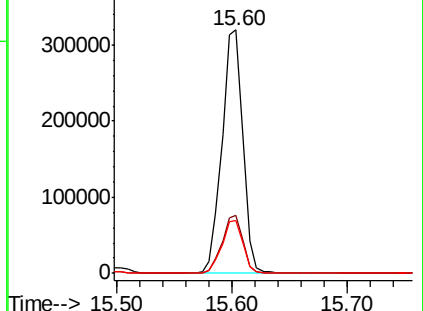
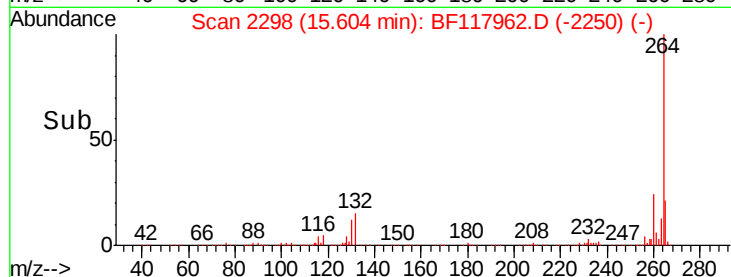
265 21.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.987 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117962.D

Acq: 23 Nov 2019 17:48

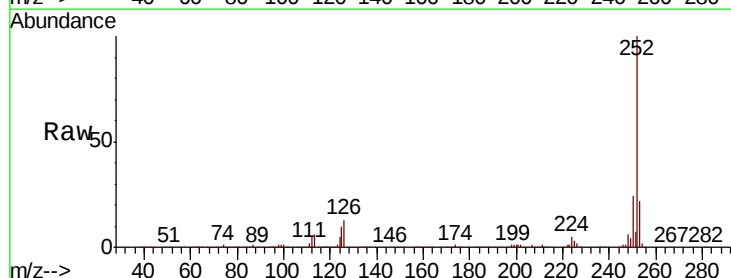
Tgt Ion:252 Resp: 1255110

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

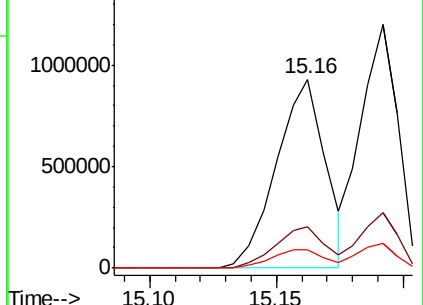
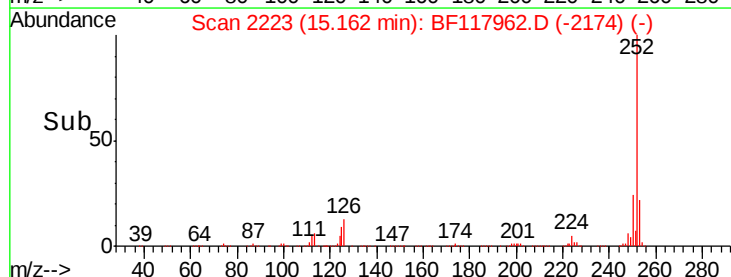
125 9.6 8.6 13.0

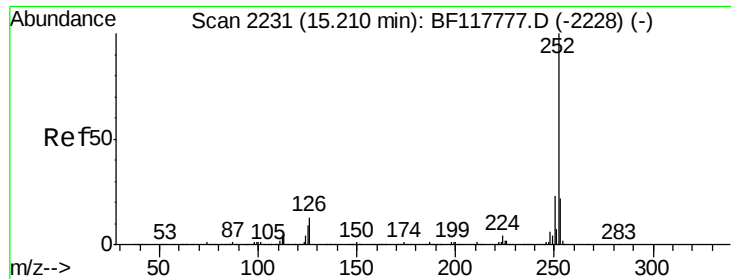


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

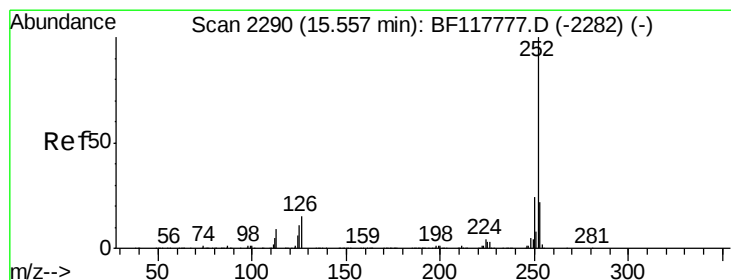
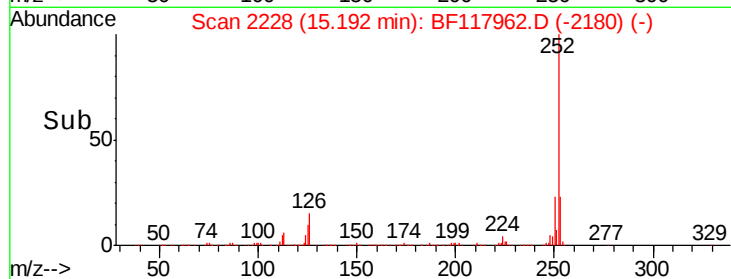
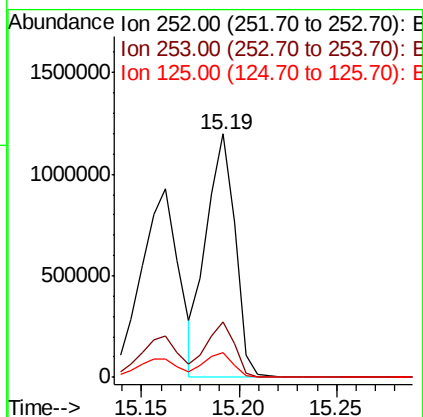
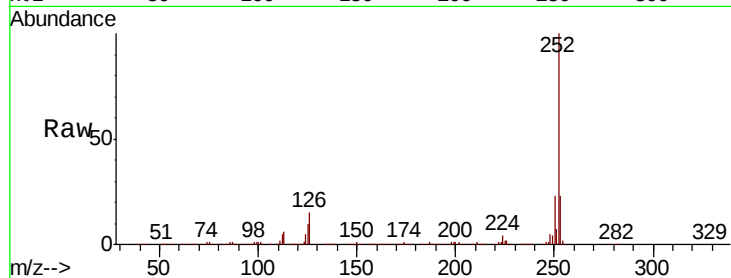




#89
Benzo(k)fluoranthene
Concen: 49.925 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

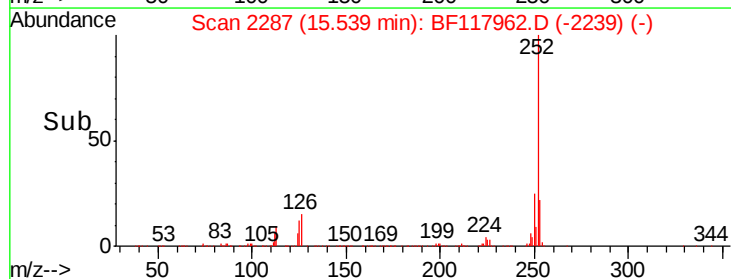
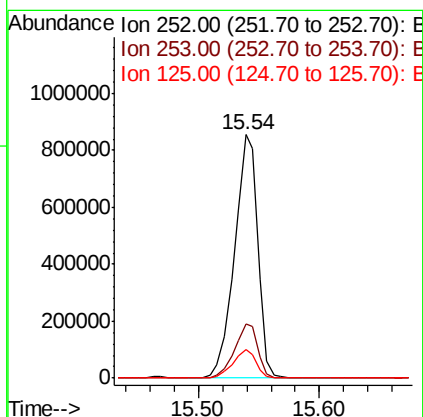
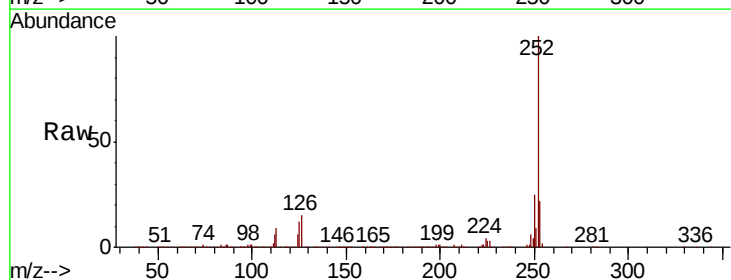
Instrument :
BNA_F
ClientSampleId :

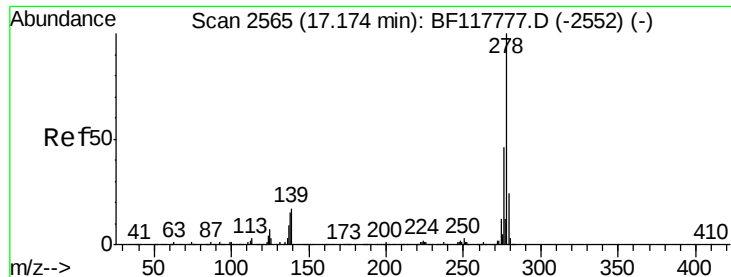
Tot Ion:252 Resp: 1230362
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.2 7.9 11.9



#90
Benzo(a)pyrene
Concen: 49.658 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:252 Resp: 1142107
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.9 9.2 13.8

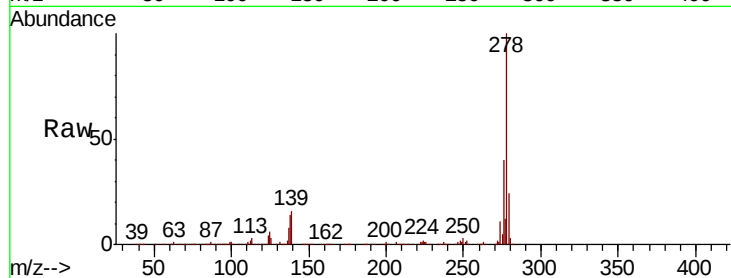




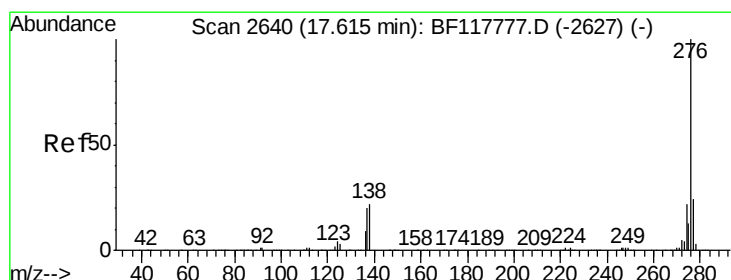
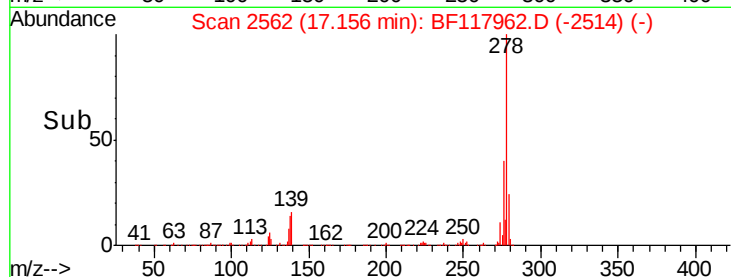
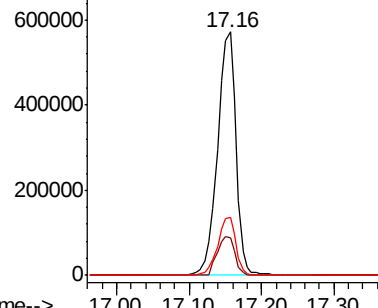
#91
Dibenzo(a,h)anthracene
Concen: 51.440 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1018321
Ion Ratio Lower Upper
278 100
139 15.6 13.8 20.8
279 24.0 19.6 29.4

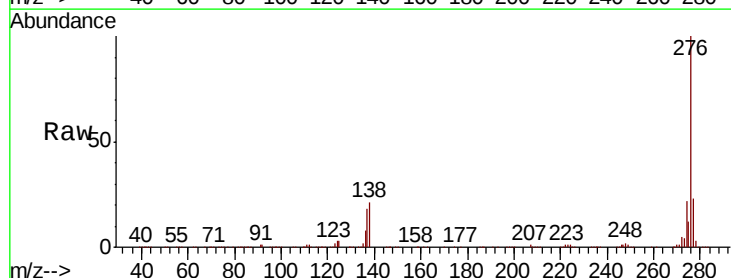


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.625 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117962.D
Acq: 23 Nov 2019 17:48

Tgt Ion:276 Resp: 1017910
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 20.6 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

