

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118037.D
 Acq On : 27 Nov 2019 13:28
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 14:33:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	157969	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	611213	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	324255	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	608196	20.00	ng	0.00
76) Chrysene-d12	14.08	240	415701	20.00	ng	0.00
87) Perylene-d12	15.57	264	373716	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	712784	79.87	ng	0.00
7) Phenol-d6	6.51	99	846451	78.64	ng	-0.01
23) Nitrobenzene-d5	7.45	82	832452	80.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	305347	88.95	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1645594	91.05	ng	-0.01
79) Terphenyl-d14	13.02	244	1903423	83.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	146916	35.219	ng	94
3) Pyridine	3.40	79	391079	35.739	ng	95
4) n-Nitrosodimethylamine	3.35	42	154508	32.346	ng	98
6) Aniline	6.55	93	559395	39.327	ng	98
8) 2-Chlorophenol	6.67	128	397455	41.044	ng	99
9) Benzaldehyde	6.43	77	309110	46.435	ng	99
10) Phenol	6.52	94	484168	43.285	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	353907	39.400	ng	96
12) 1,3-Dichlorobenzene	6.83	146	464313	40.727	ng	99
13) 1,4-Dichlorobenzene	6.90	146	472089	40.967	ng	99
14) 1,2-Dichlorobenzene	7.06	146	446964	40.555	ng	99
15) Benzyl Alcohol	7.02	79	348066	41.883	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	460184	33.276	ng	95
17) 2-Methylphenol	7.13	107	318689	38.862	ng	99
18) Hexachloroethane	7.40	117	174748	41.280	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	263343	39.656	ng	96
20) 3+4-Methylphenols	7.29	107	409316	40.209	ng	# 87
22) Acetophenone	7.29	105	558061	40.639	ng	96
24) Nitrobenzene	7.47	77	414324	39.061	ng	98
25) Isophorone	7.71	82	718551	38.129	ng	100
26) 2-Nitrophenol	7.79	139	221155	42.837	ng	98
27) 2,4-Dimethylphenol	7.82	122	296046	36.903	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	471043	39.390	ng	100
29) 2,4-Dichlorophenol	8.03	162	343563	39.481	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	399616	39.591	ng	97
31) Naphthalene	8.19	128	1188696	41.717	ng	99
32) Benzoic acid	7.94	122	266009	39.601	ng	98
33) 4-Chloroaniline	8.24	127	499675	39.171	ng	99
34) Hexachlorobutadiene	8.31	225	244188	41.378	ng	99
35) Caprolactam	8.62	113	105103	38.004	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	355083	40.207	ng	96
37) 2-Methylnaphthalene	8.89	142	795231	41.305	ng	99
38) 1-Methylnaphthalene	8.99	142	762568	41.896	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	386071	40.999	ng	99

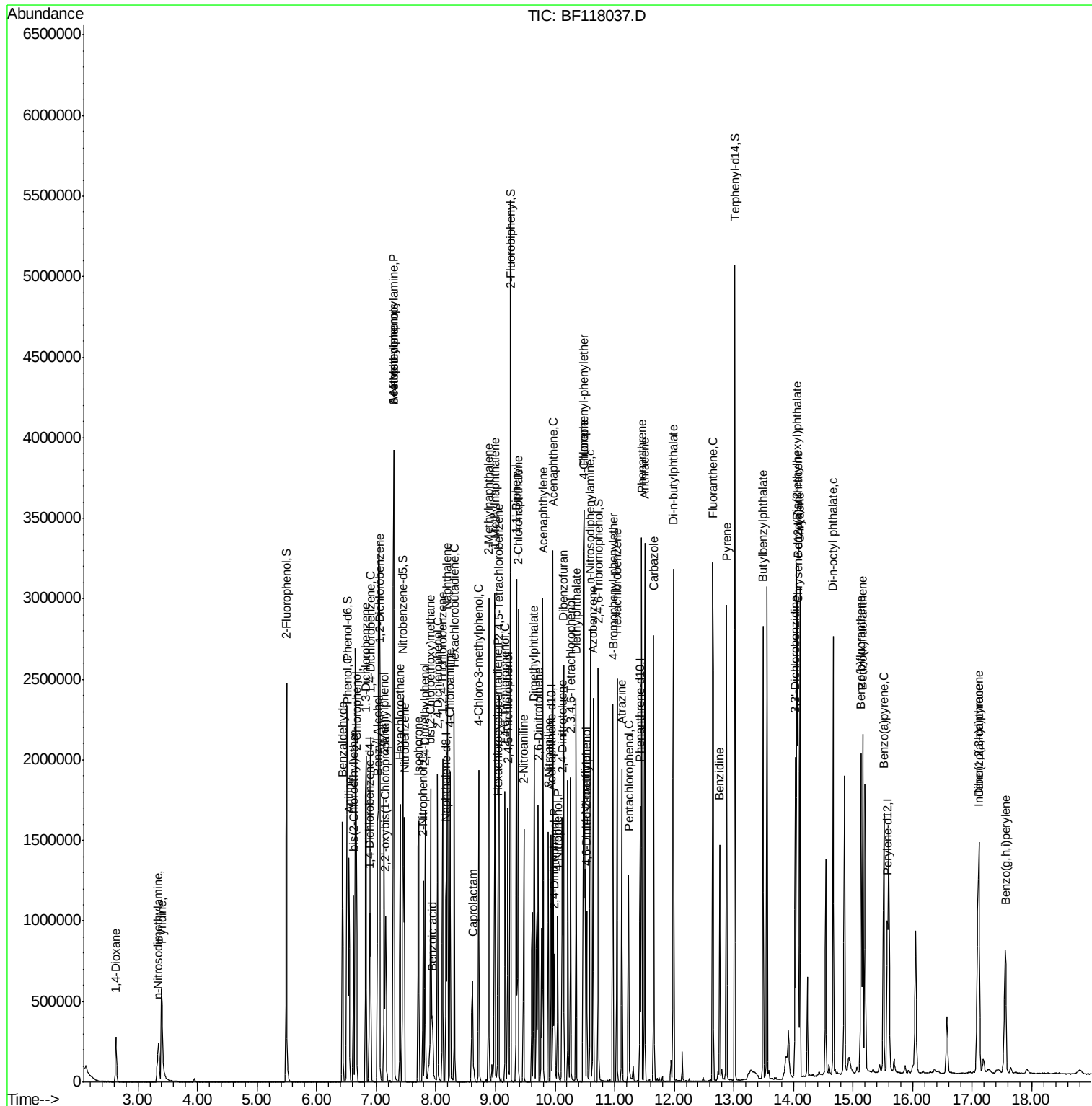
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118037.D
 Acq On : 27 Nov 2019 13:28
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

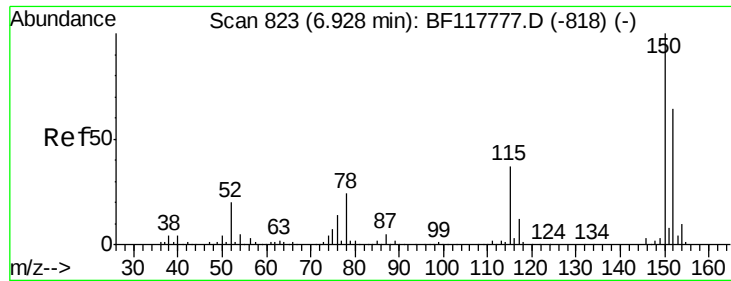
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 14:33:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	185774	35.204	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	258470	38.321	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	269426	38.473	ng	97
46) 1,1'-Biphenyl	9.35	154	995932	41.399	ng	98
47) 2-Chloronaphthalene	9.38	162	789535	39.895	ng	98
48) 2-Nitroaniline	9.47	65	227679	38.107	ng	89
49) Acenaphthylene	9.80	152	1188182	41.180	ng	99
50) Dimethylphthalate	9.66	163	929798	40.892	ng	98
51) 2,6-Dinitrotoluene	9.72	165	202307	40.710	ng	92
52) Acenaphthene	9.97	154	774668	41.912	ng	98
53) 3-Nitroaniline	9.89	138	237818	39.994	ng	97
54) 2,4-Dinitrophenol	9.99	184	100658	43.086	ng	91
55) Dibenzofuran	10.15	168	1057126	41.302	ng	96
56) 4-Nitrophenol	10.05	139	170442	38.400	ng	92
57) 2,4-Dinitrotoluene	10.12	165	271020	42.873	ng	97
58) Fluorene	10.49	166	829256	41.810	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	225839	39.249	ng	98
60) Diethylphthalate	10.36	149	934279	42.145	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	425805	42.303	ng	96
62) 4-Nitroaniline	10.50	138	242950	40.805	ng	97
63) Azobenzene	10.64	77	800479	39.691	ng	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	128235	45.165	ng	89
66) n-Nitrosodiphenylamine	10.60	169	742423	41.944	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	270758	41.259	ng	96
68) Hexachlorobenzene	11.04	284	315967	41.292	ng	97
69) Atrazine	11.12	200	231263	39.719	ng	98
70) Pentachlorophenol	11.23	266	160093	35.811	ng	99
71) Phenanthrene	11.45	178	1253405	40.990	ng	98
72) Anthracene	11.50	178	1252454	41.311	ng	98
73) Carbazole	11.66	167	1112423	41.989	ng	98
74) Di-n-butylphthalate	11.99	149	1465238	44.420	ng	99
75) Fluoranthene	12.64	202	1262555	45.410	ng	98
77) Benzidine	12.76	184	515959	37.892	ng	99
78) Pyrene	12.88	202	1274813	37.946	ng	98
80) Butylbenzylphthalate	13.49	149	608755	42.189	ng	98
81) Benzo(a)anthracene	14.07	228	1103842	40.183	ng	100
82) 3,3'-Dichlorobenzidine	14.03	252	388214	40.402	ng	99
83) Chrysene	14.11	228	1056579	39.693	ng	98
84) Bis(2-ethylhexyl)phthalate	14.05	149	830215	47.459	ng	96
85) Di-n-octyl phthalate	14.67	149	1288008	50.119	ng	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	841855	37.160	ng	98
88) Benzo(b)fluoranthene	15.13	252	1013670	41.748	ng	98
89) Benzo(k)fluoranthene	15.16	252	871847	38.109	ng	99
90) Benzo(a)pyrene	15.52	252	845253	39.589	ng	98
91) Dibenzo(a,h)anthracene	17.12	278	703119	38.261	ng	96
92) Benzo(g,h,i)perylene	17.56	276	661895	36.161	ng	99

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



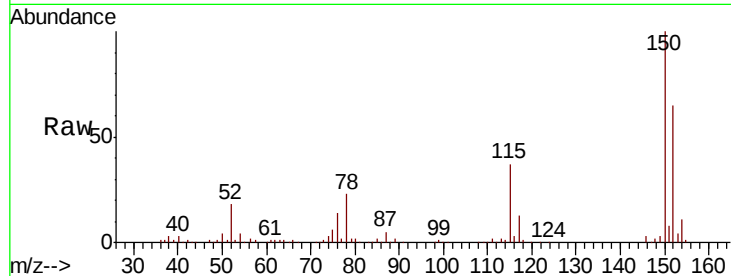


#1

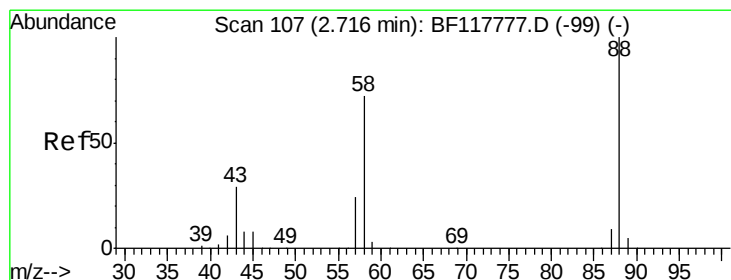
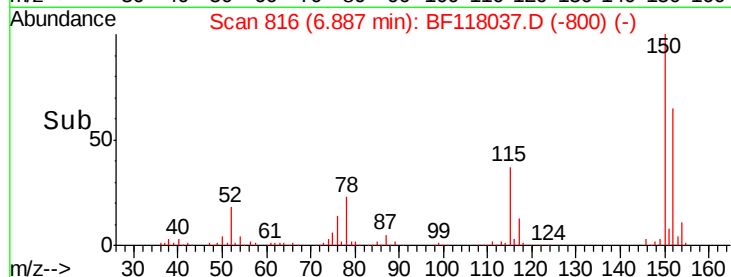
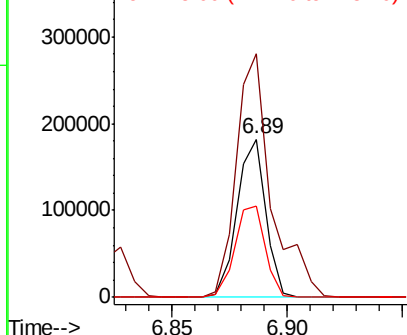
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157969
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 57.6 47.0 70.4



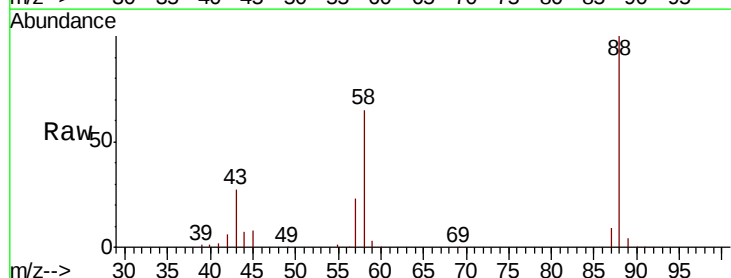
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



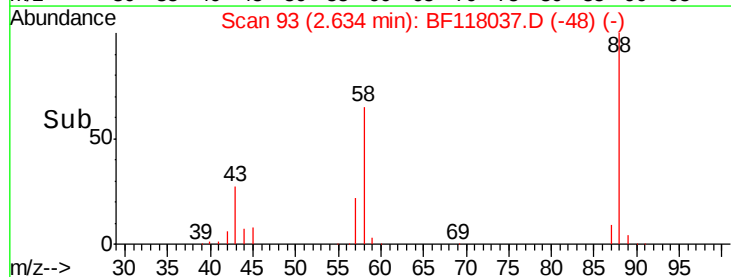
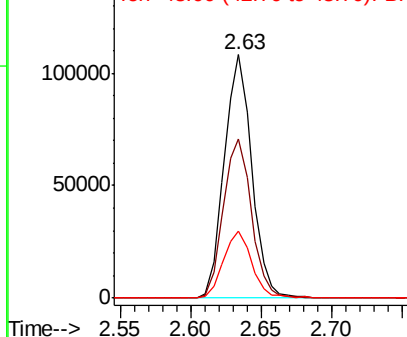
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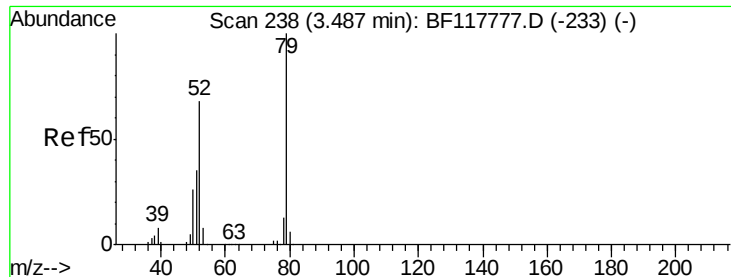
1,4-Dioxane
Concen: 35.219 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.04 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion: 88 Resp: 146916
Ion Ratio Lower Upper
88 100
58 66.7 58.2 87.2
43 28.3 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: 35.739 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.04 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

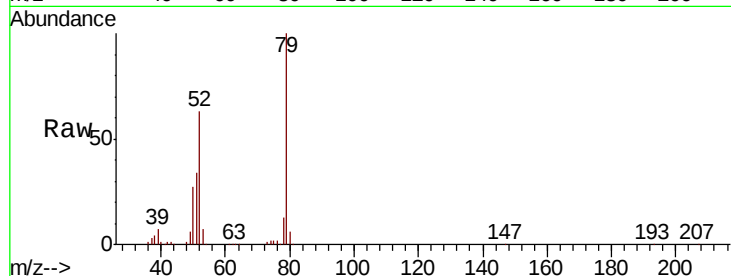
Tot Ion: 79 Resp: 391079

Ion Ratio Lower Upper

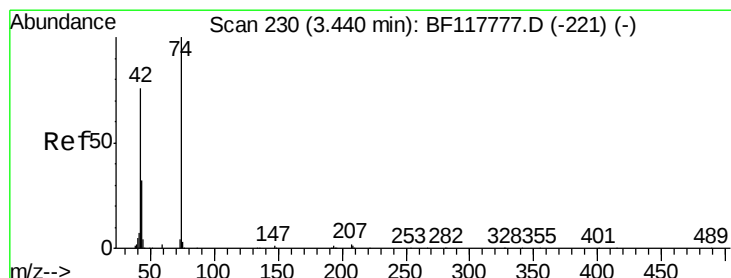
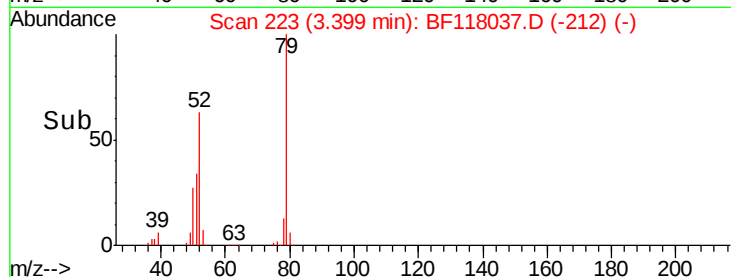
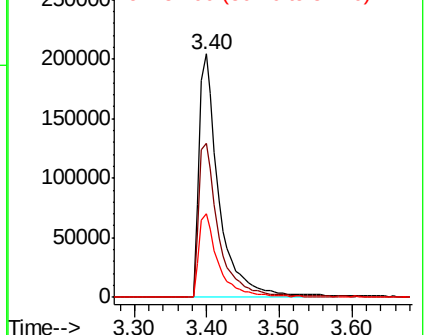
79 100

52 63.1 54.8 82.2

51 34.1 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: 32.346 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.05 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

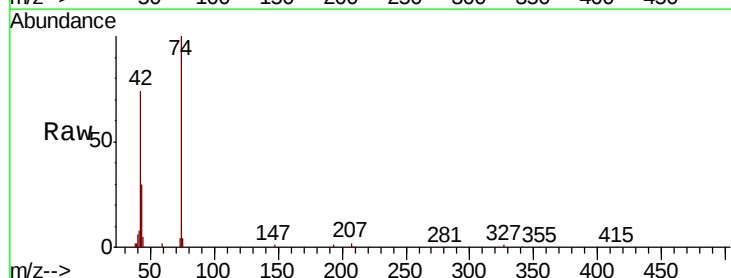
Tgt Ion: 42 Resp: 154508

Ion Ratio Lower Upper

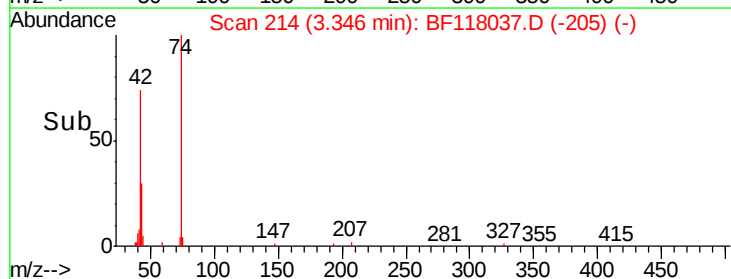
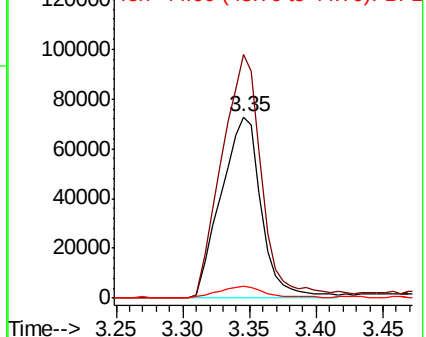
42 100

74 134.3 105.1 157.7

44 6.9 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.870 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

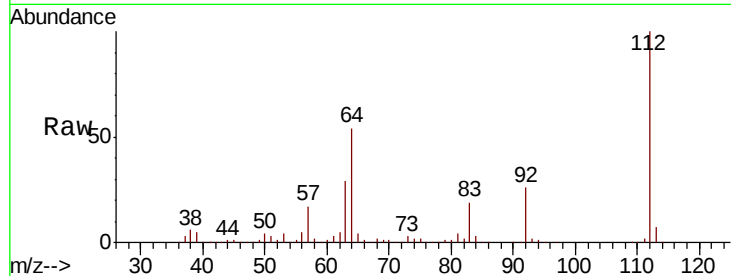
Tot Ion:112 Resp: 712784

Ion Ratio Lower Upper

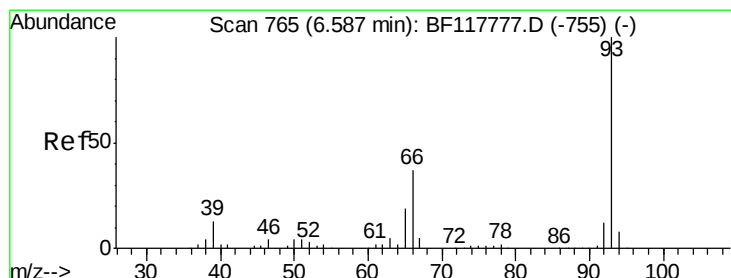
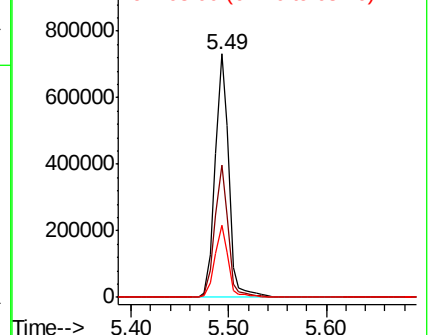
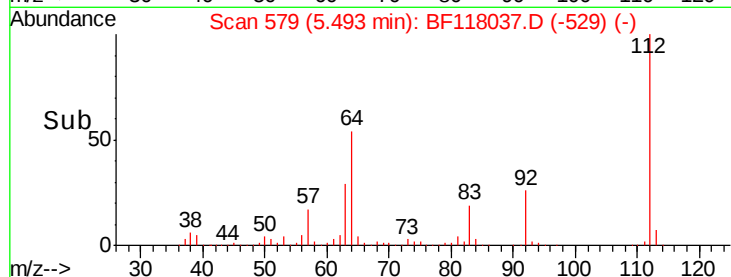
112 100

64 54.1 45.6 68.4

63 29.4 24.1 36.1



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



#6

Aniline

Concen: 39.327 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

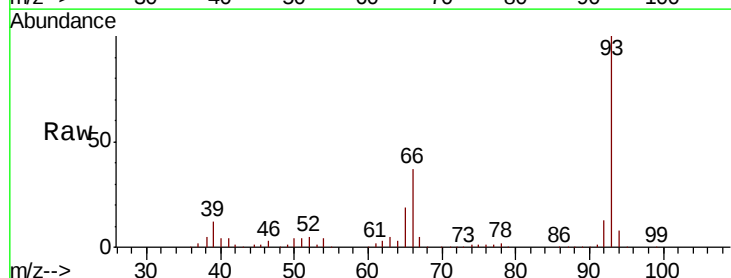
Tgt Ion: 93 Resp: 559395

Ion Ratio Lower Upper

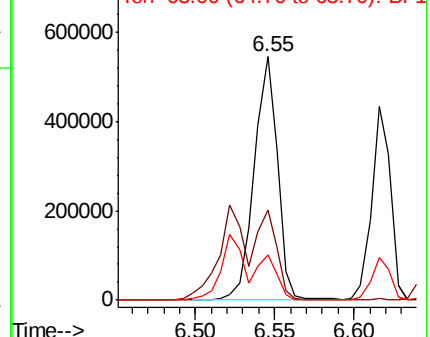
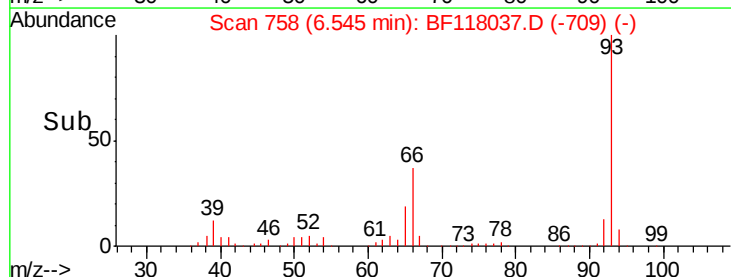
93 100

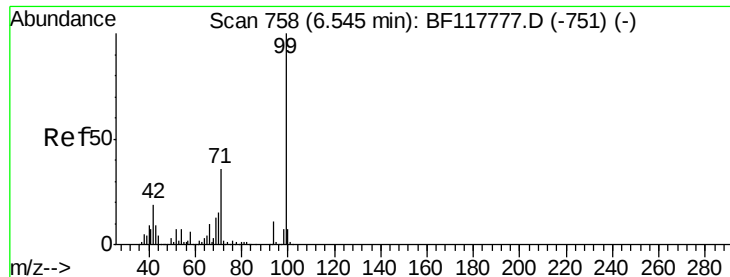
66 36.8 30.6 45.8

65 18.8 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.636 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

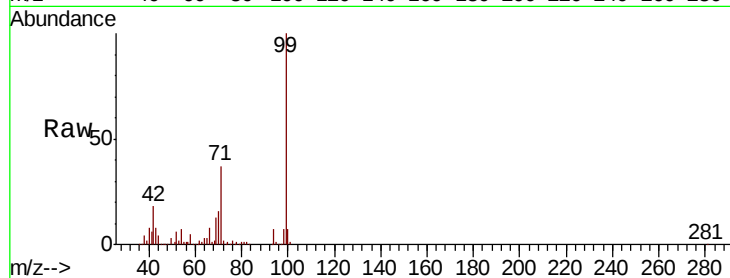
Tot Ion: 99 Resp: 846451

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

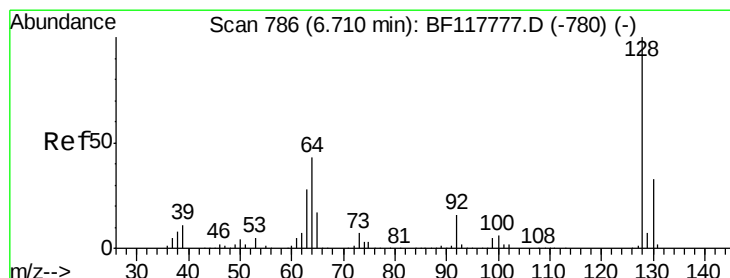
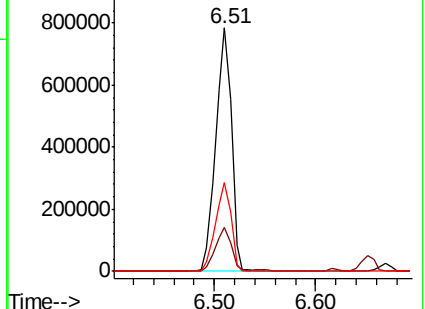
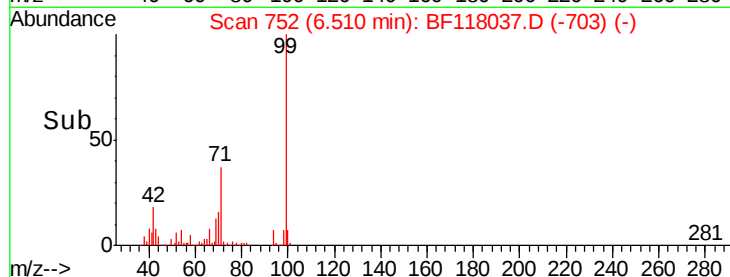
71 36.7 28.6 43.0



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: 41.044 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

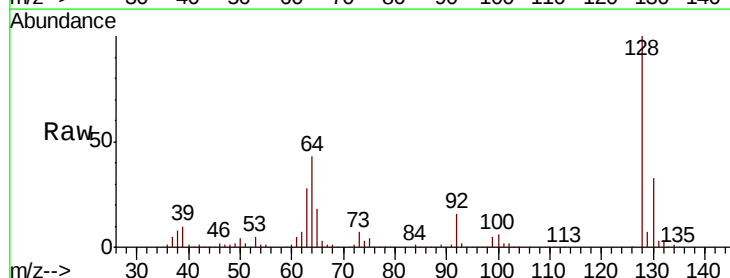
Tgt Ion: 128 Resp: 397455

Ion Ratio Lower Upper

128 100

130 32.7 13.2 53.2

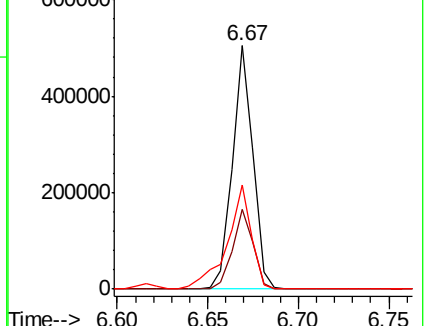
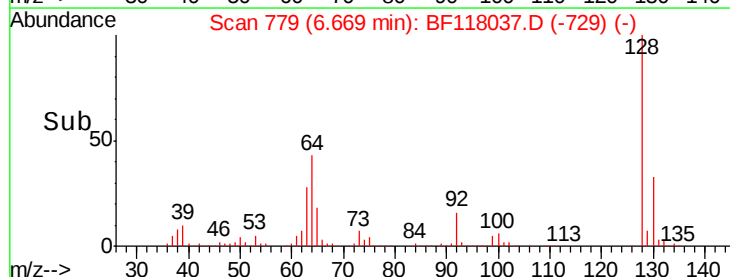
64 42.9 23.7 63.7



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: 46.435 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

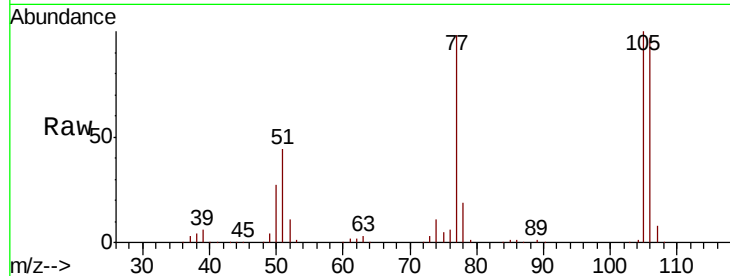
Tot Ion: 77 Resp: 309110

Ion Ratio Lower Upper

77 100

105 102.3 80.2 120.2

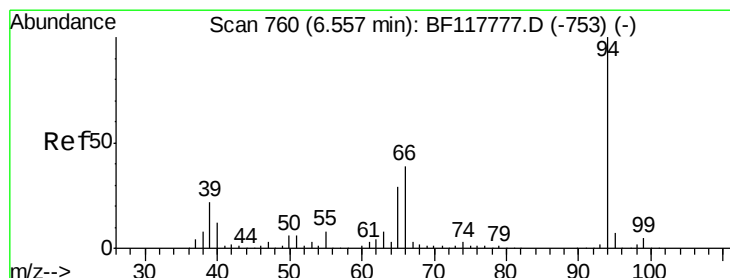
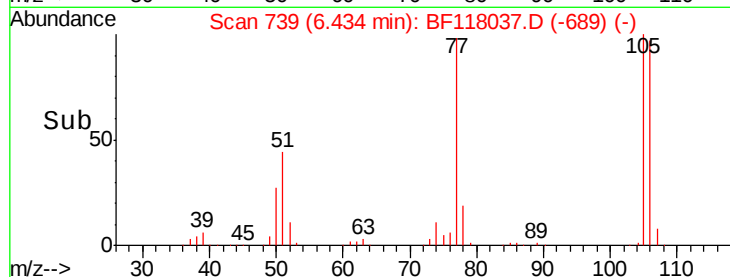
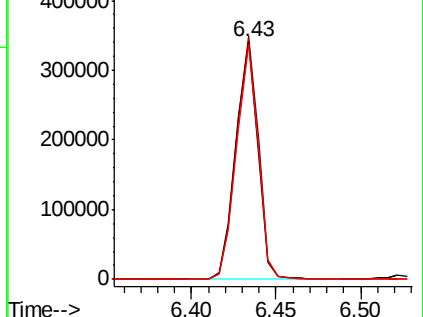
106 98.8 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.285 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

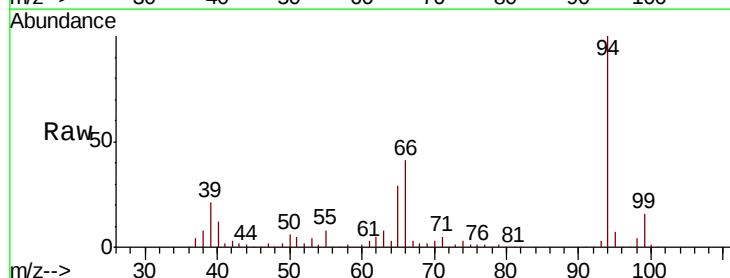
Tgt Ion: 94 Resp: 484168

Ion Ratio Lower Upper

94 100

65 28.6 8.9 48.9

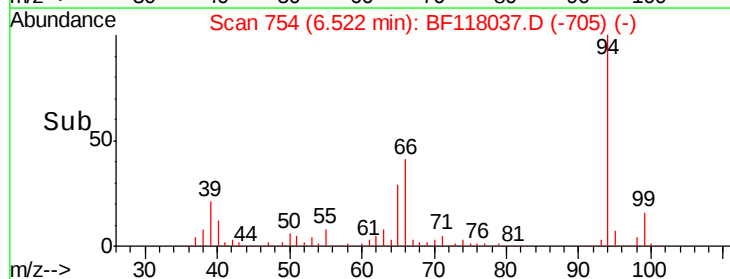
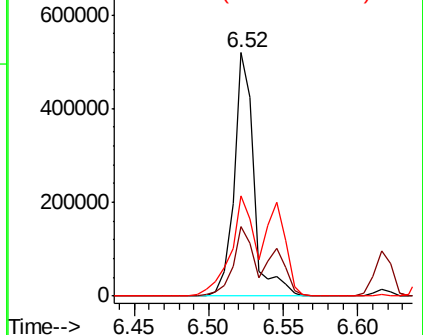
66 41.3 18.7 58.7

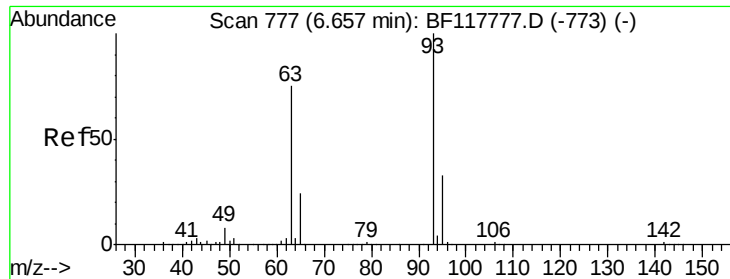


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

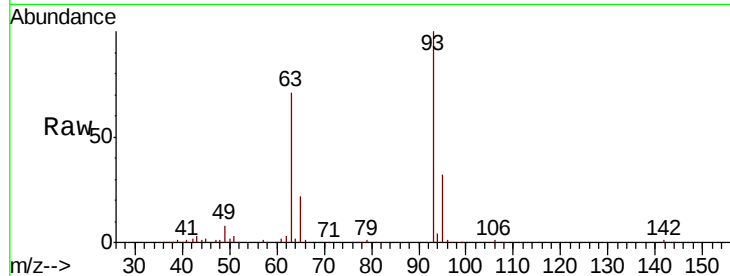




#11
bis(2-Chloroethyl)ether
Concen: 39.400 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93	Resp	353907
Ion	Ratio	Lower	Upper
93	100		
63	70.8	54.8	94.8
95	32.2	12.7	52.7

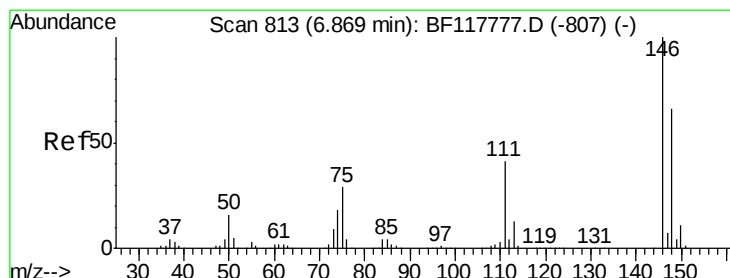
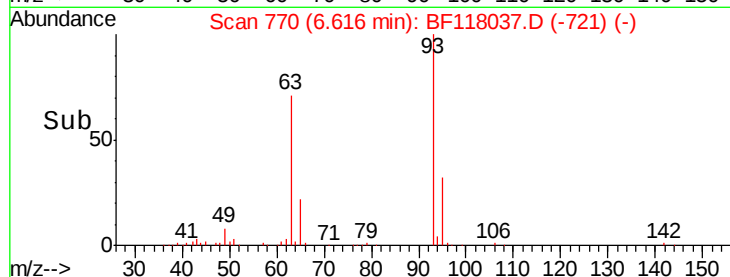
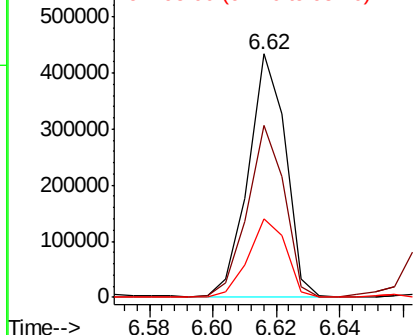


Abundance

Ion 93.00 (92.70 to 93.70): BF1

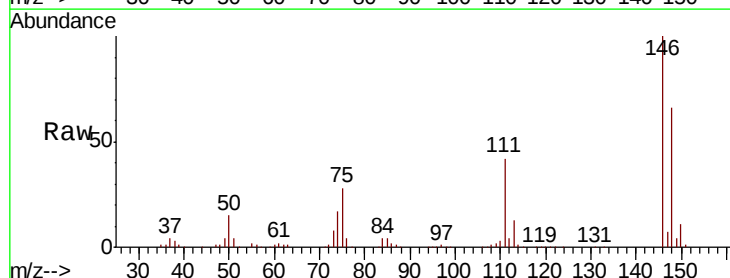
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.727 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion	146	Resp	464313
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.8	79.2
75	28.3	23.4	35.0

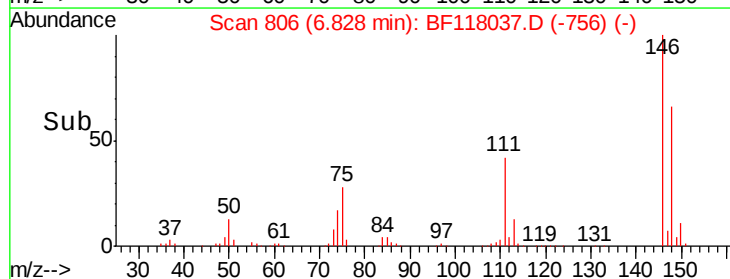
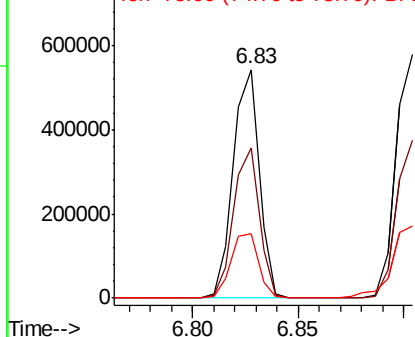


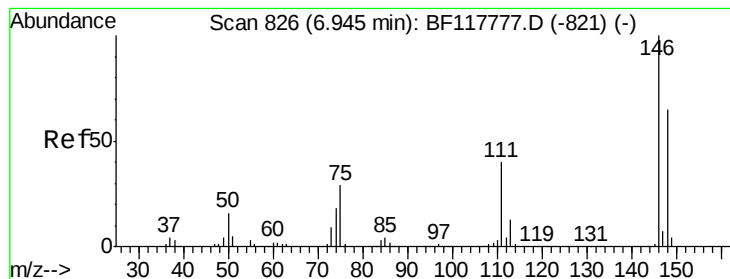
Abundance

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: 40.967 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

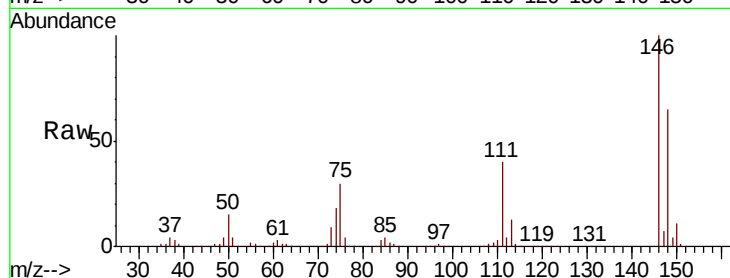
Tot Ion:146 Resp: 472089

Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

111 40.1 32.2 48.4

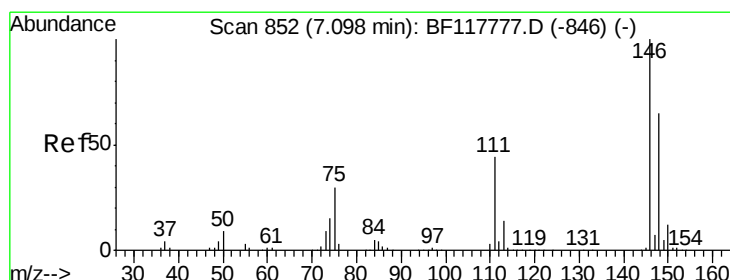
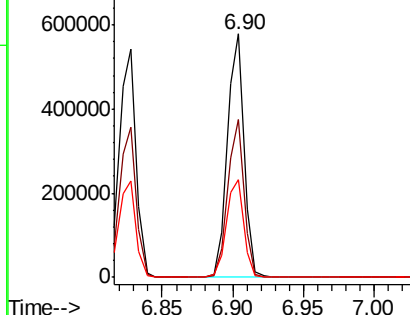
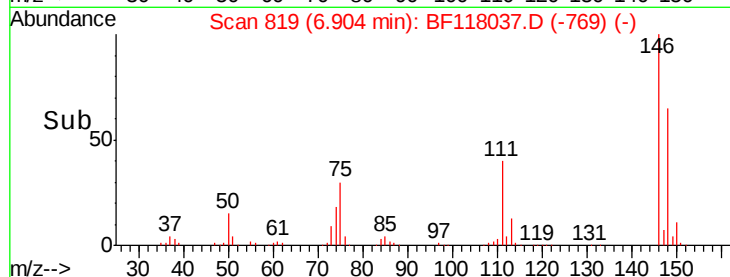


Abundance

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: 40.555 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

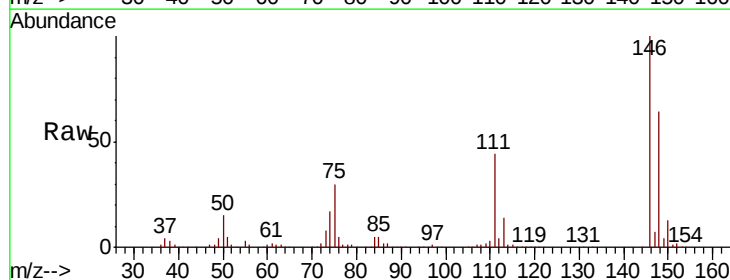
Tgt Ion:146 Resp: 446964

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 44.1 35.0 52.6

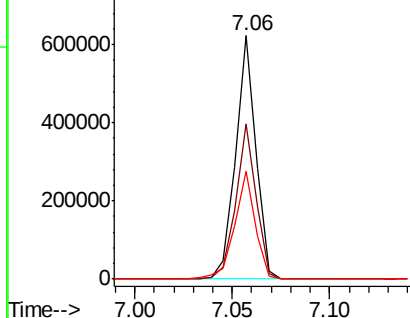
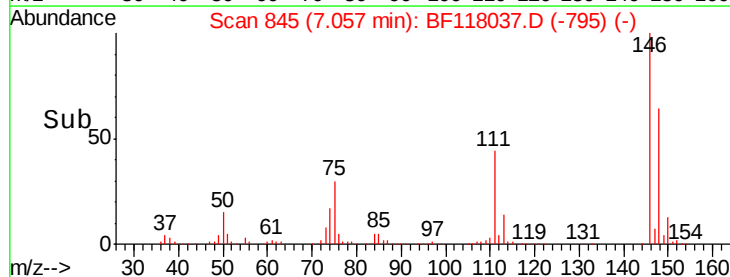


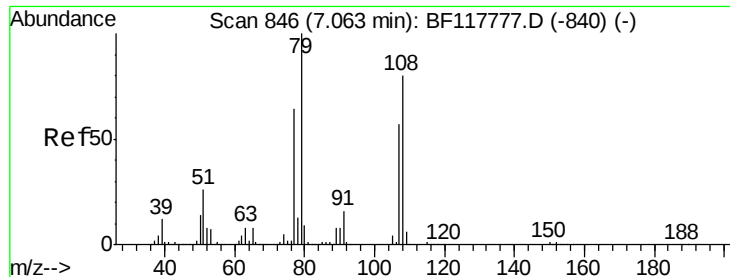
Abundance

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: 41.883 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

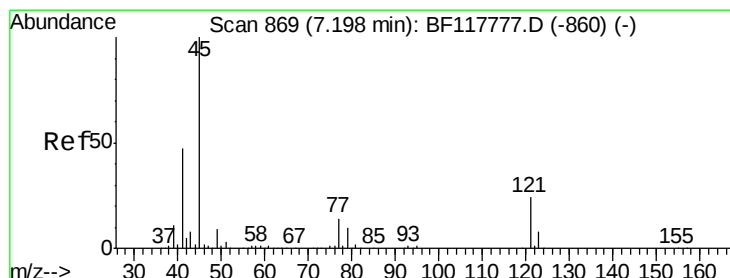
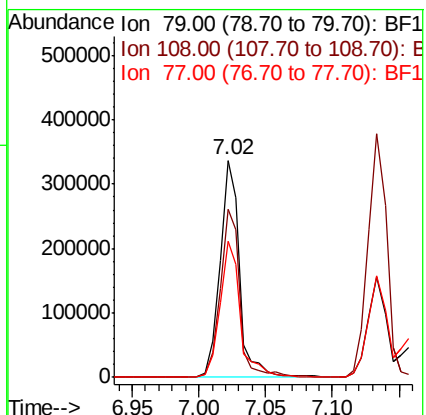
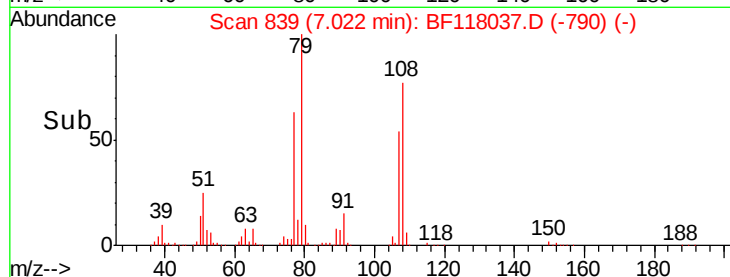
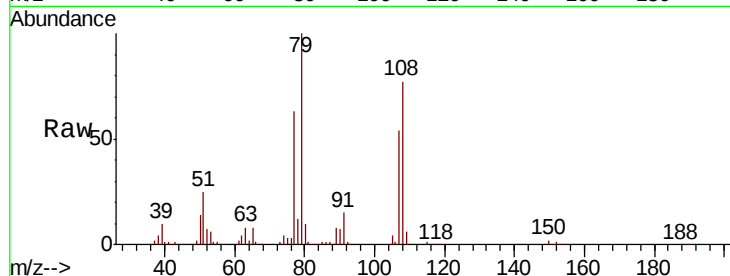
Tot Ion: 79 Resp: 348066

Ion Ratio Lower Upper

79 100

108 77.2 64.1 96.1

77 63.0 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.276 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

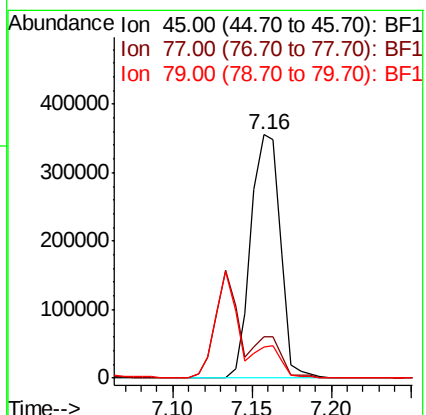
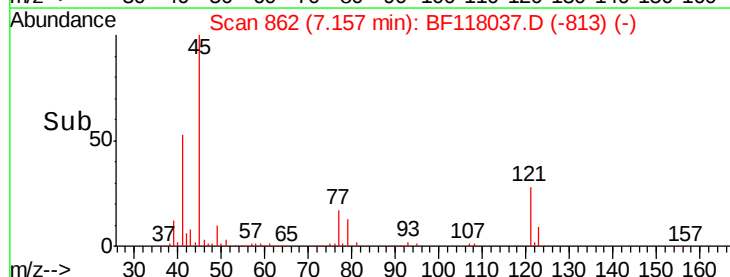
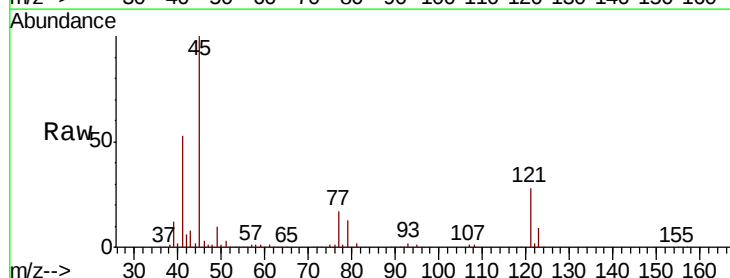
Tgt Ion: 45 Resp: 460184

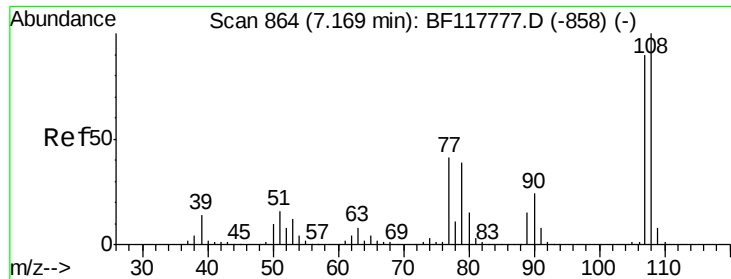
Ion Ratio Lower Upper

45 100

77 17.0 0.0 35.0

79 12.9 0.0 31.1

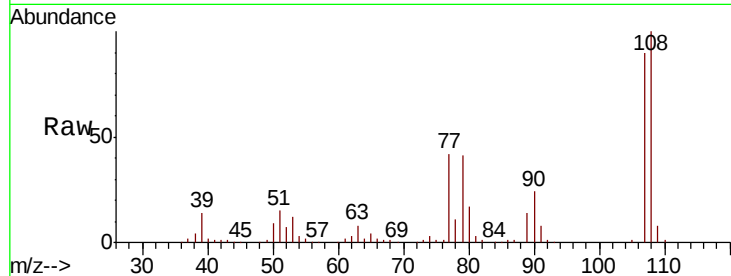




#17
2-Methylphenol
Concen: 38.862 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	318689
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.1	133.7
77	46.6	36.6	54.8
79	46.0	35.2	52.8



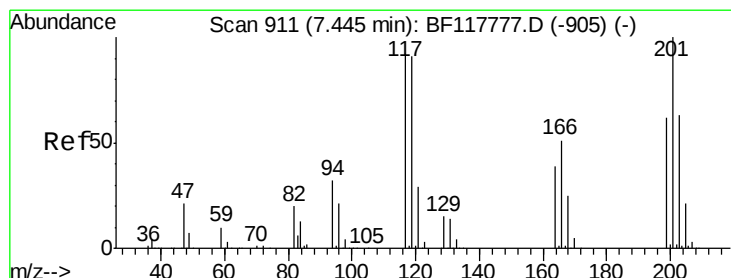
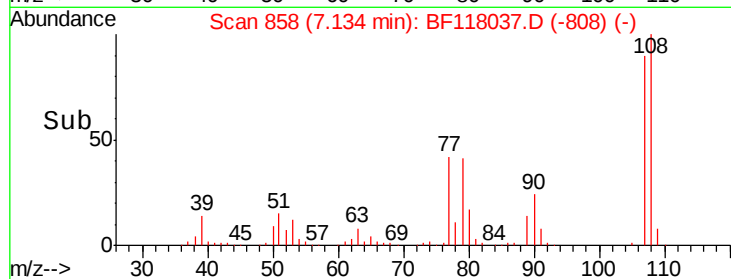
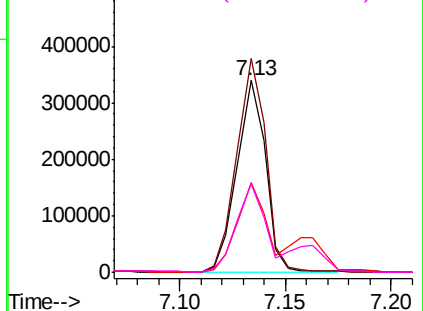
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

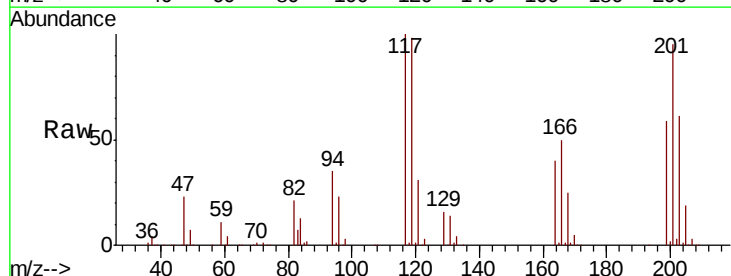
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.280 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:	117	Resp:	174748
Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.7	118.1
201	94.9	86.5	129.7

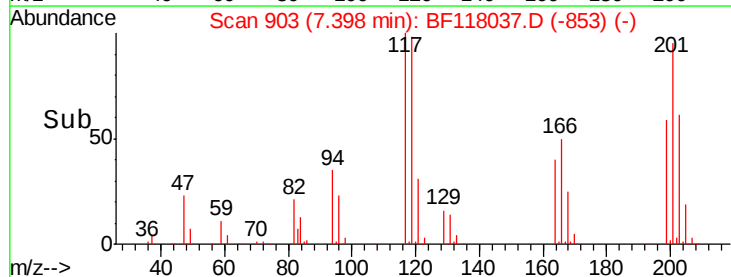
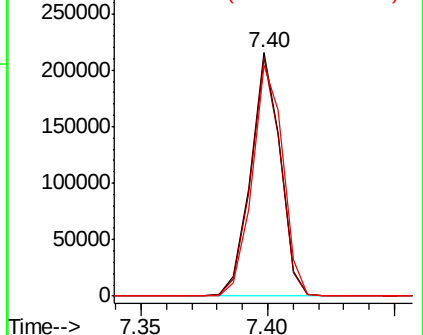


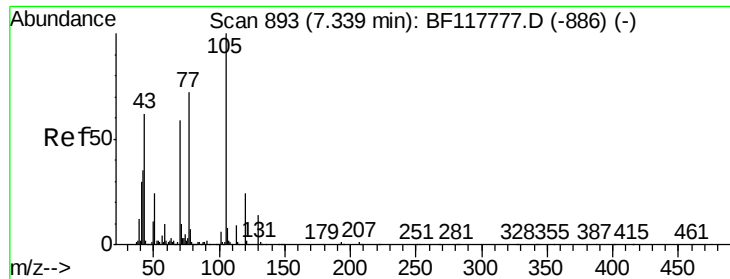
Abundance

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

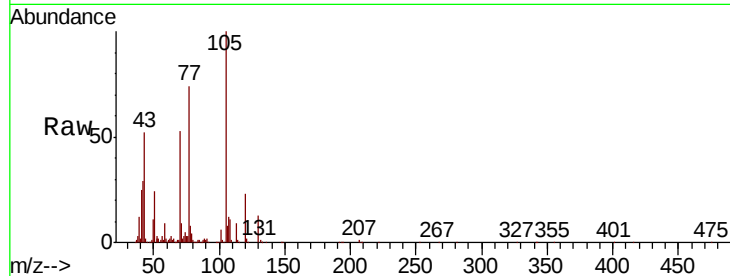




#19
n-Nitroso-di-n-propylamine
Concen: 39.656 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	263343
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.4	71.2
101	10.4	8.4	12.6
130	24.5	18.8	28.2



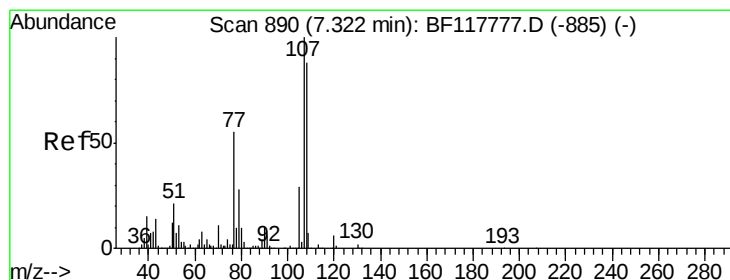
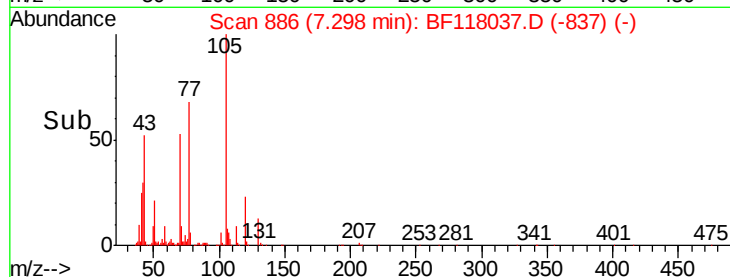
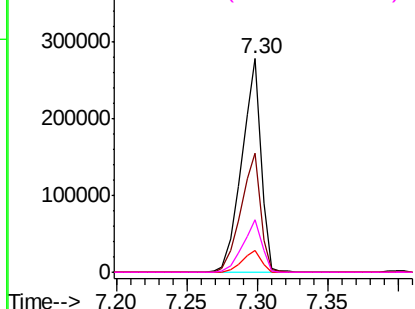
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

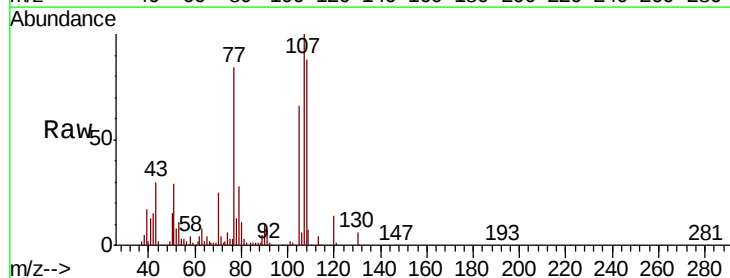
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.209 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:	107	Resp:	409316
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.4	108.4
77	83.7	35.2	75.2#
79	28.3	8.6	48.6



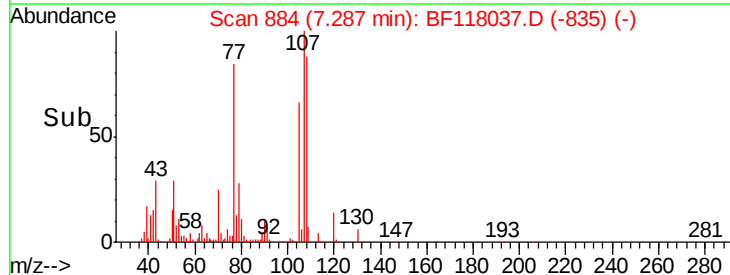
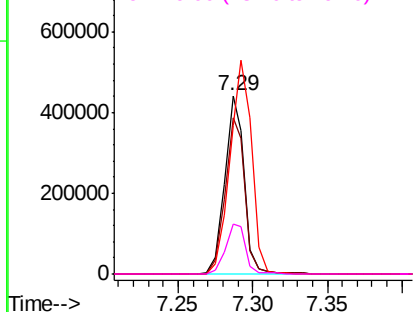
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 611213

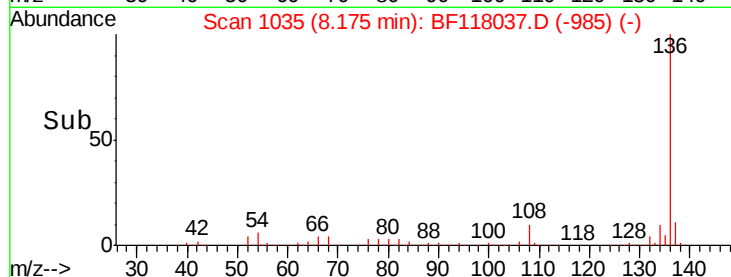
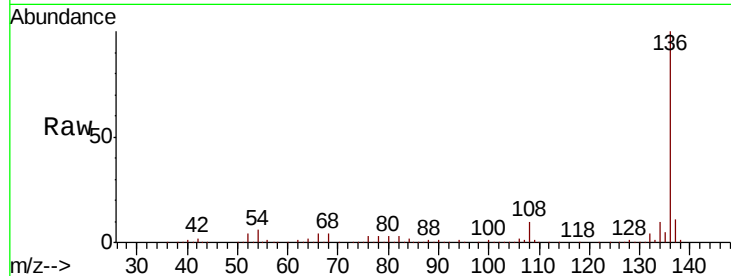
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.9 5.4 8.2

68 4.3 4.3 6.5

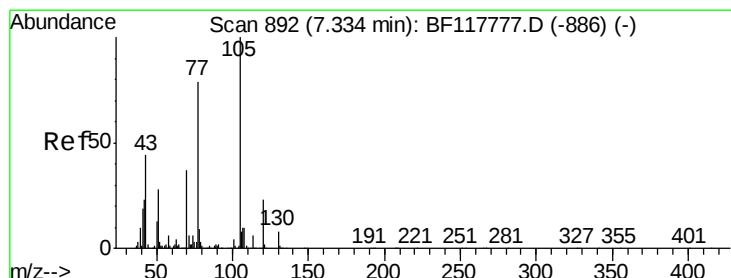
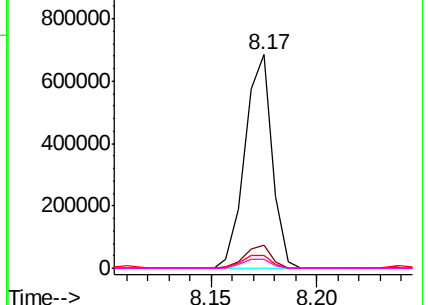


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.639 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Tgt Ion:105 Resp: 558061

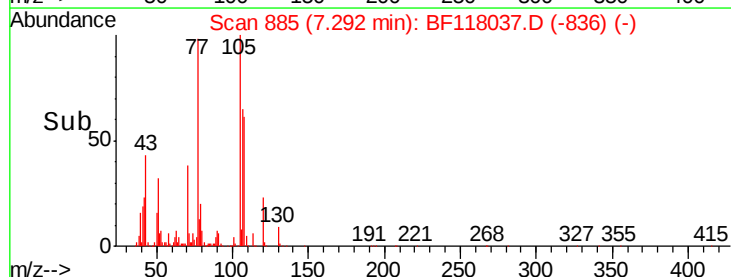
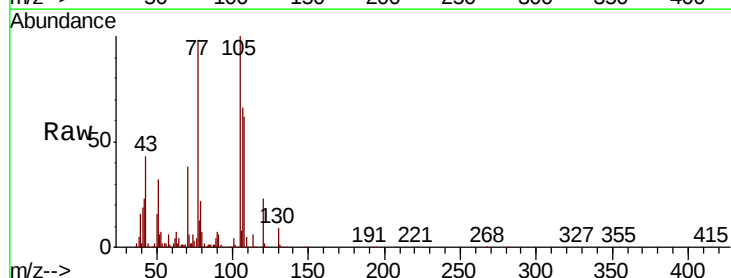
Ion Ratio Lower Upper

105 100

71 5.8 4.9 7.3

51 32.2 22.7 34.1

120 22.8 18.5 27.7

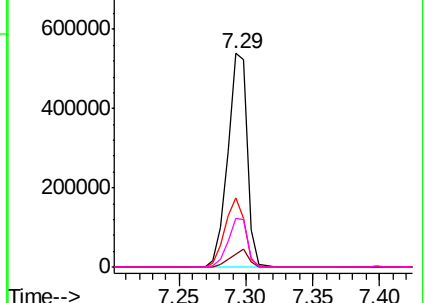


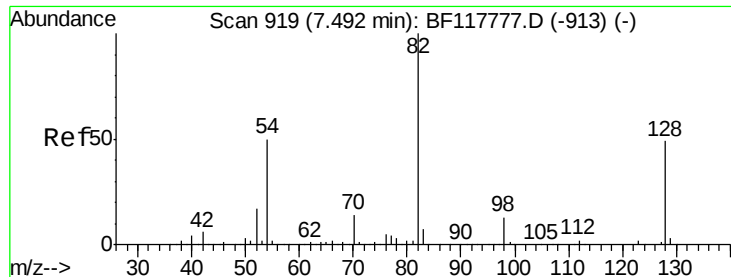
Abundance Ion 105.00 (104.70 to 105.70): E

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

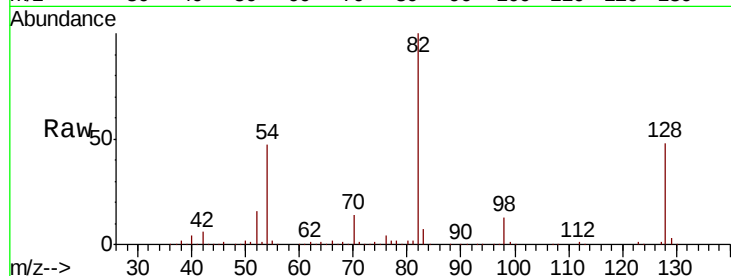




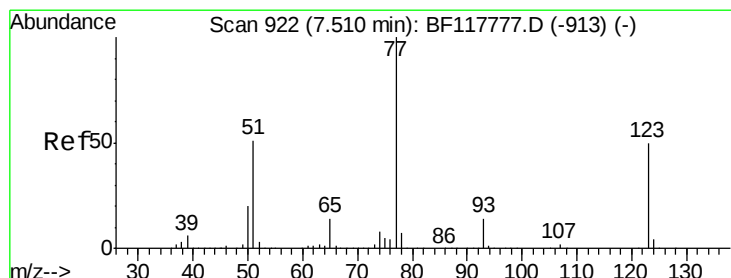
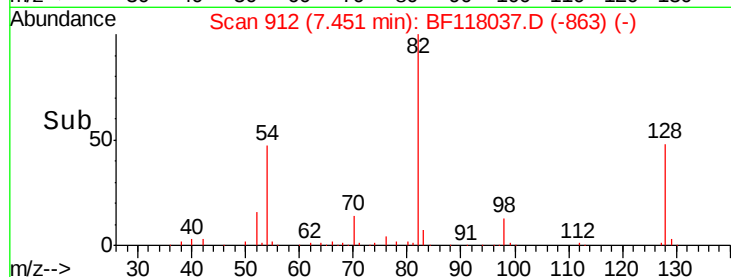
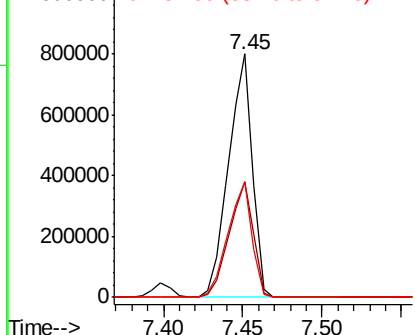
#23
 Nitrobenzene-d5
 Concen: 80.963 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 832452
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.9 58.3
 54 47.3 39.8 59.6

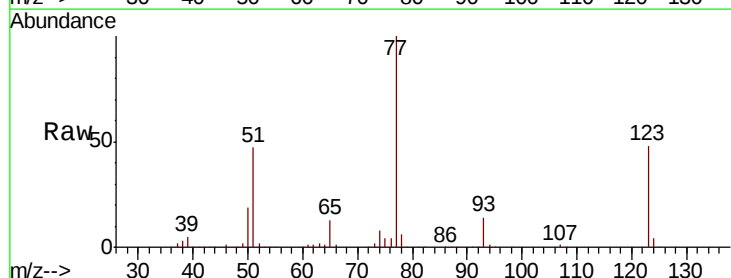


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

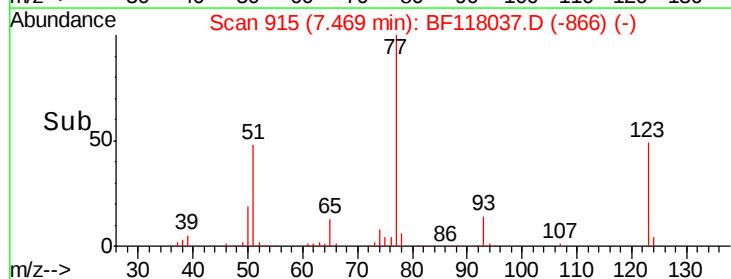
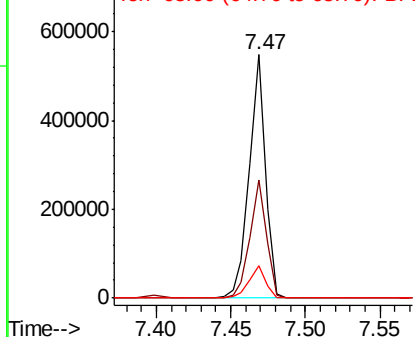


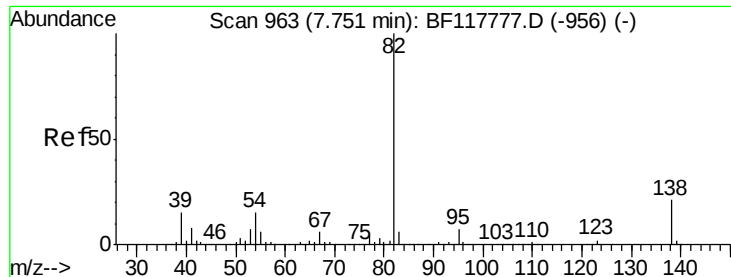
#24
 Nitrobenzene
 Concen: 39.061 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion: 77 Resp: 414324
 Ion Ratio Lower Upper
 77 100
 123 48.4 40.3 60.5
 65 13.2 10.9 16.3



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

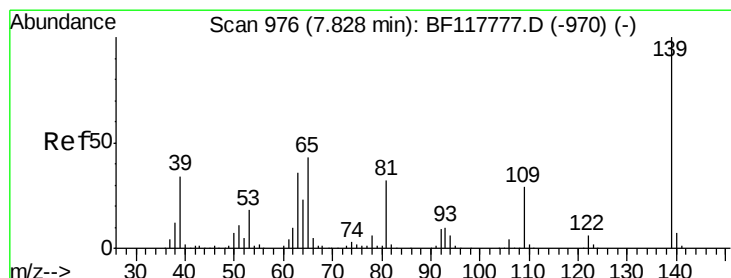
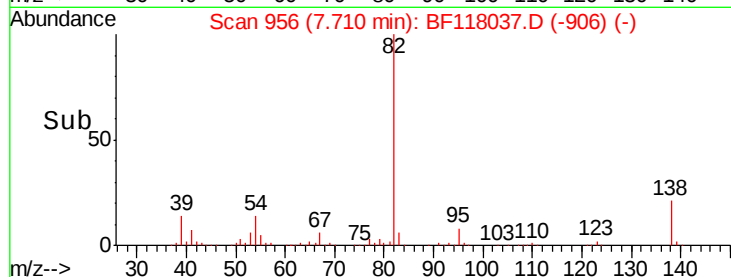
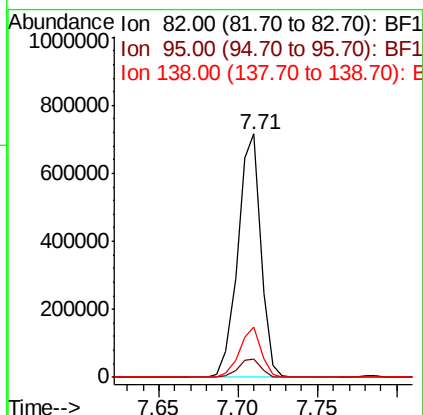
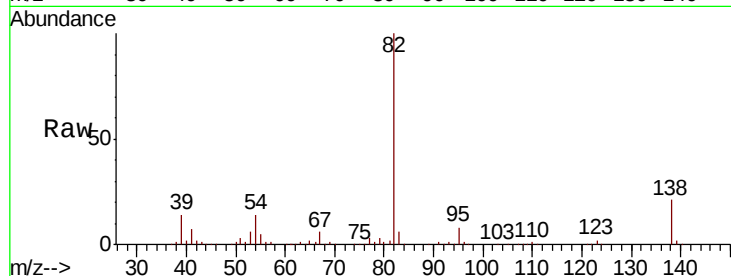




#25
Isophorone
Concen: 38.129 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

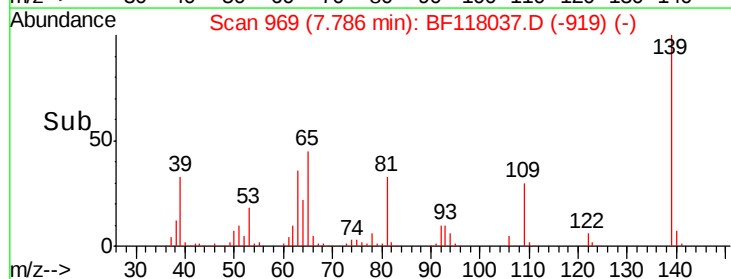
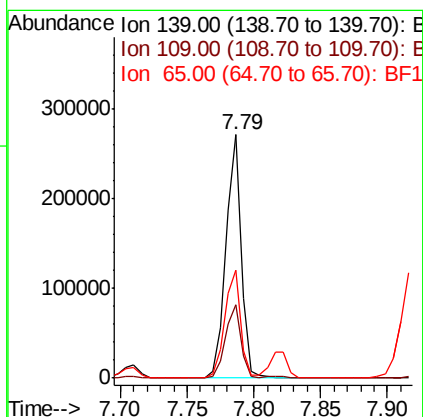
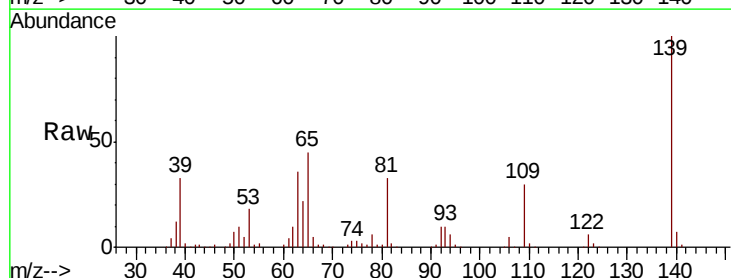
Instrument :
BNA_F
ClientSampleId :

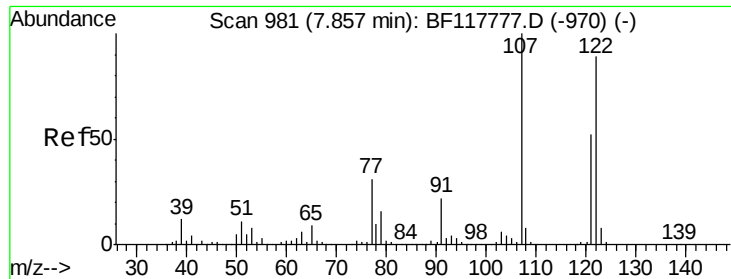
Tot Ion: 82 Resp: 718551
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 20.6 16.5 24.7



#26
2-Nitrophenol
Concen: 42.837 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion: 139 Resp: 221155
Ion Ratio Lower Upper
139 100
109 30.0 23.0 34.4
65 44.6 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 36.903 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

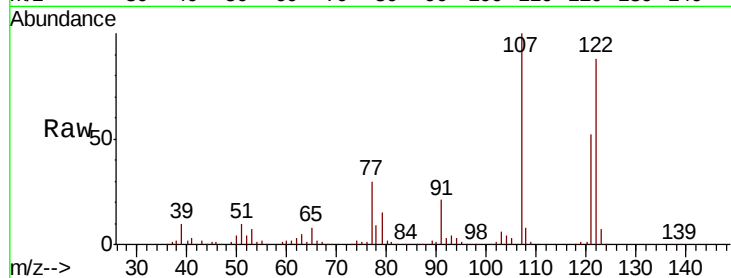
Tot Ion:122 Resp: 296046

Ion Ratio Lower Upper

122 100

107 113.5 90.0 135.0

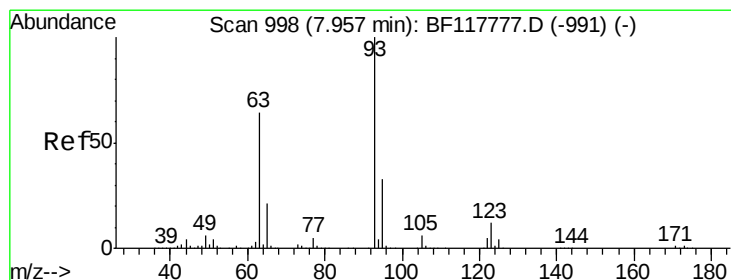
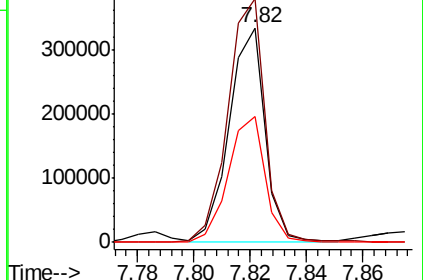
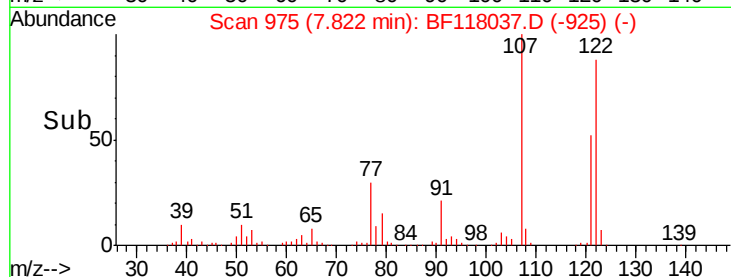
121 58.7 46.7 70.1



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: 39.390 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

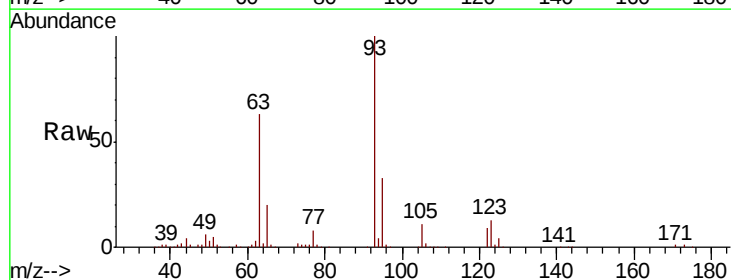
Tgt Ion: 93 Resp: 471043

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

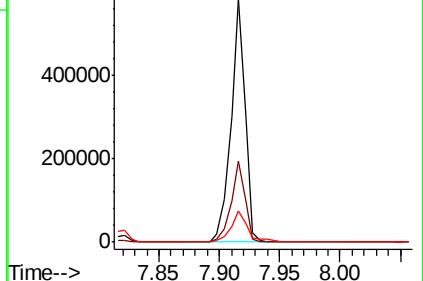
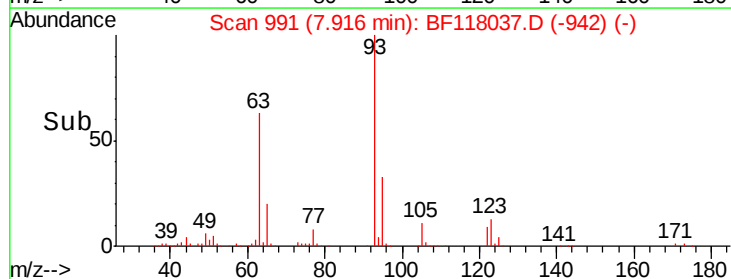
123 12.7 10.3 15.5

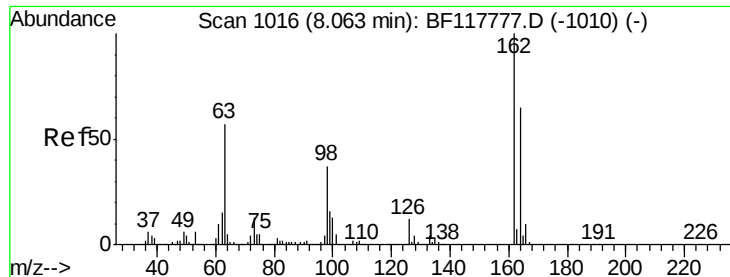


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

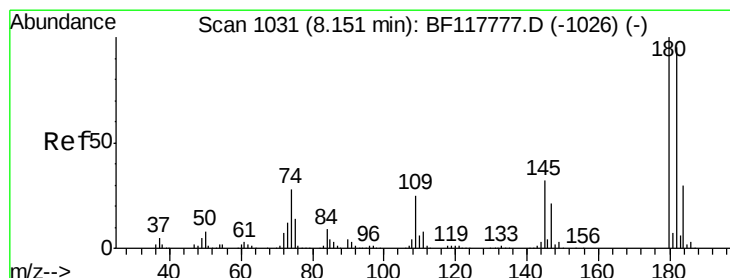
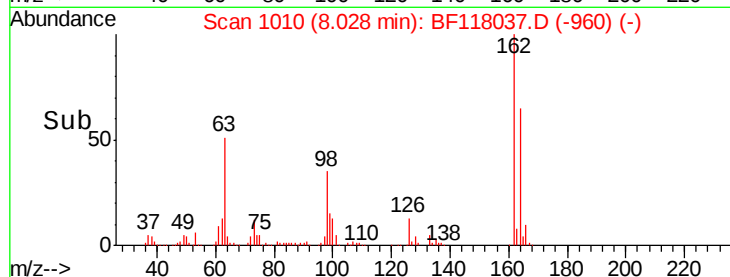
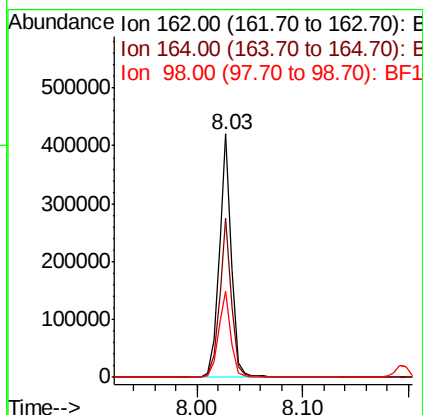
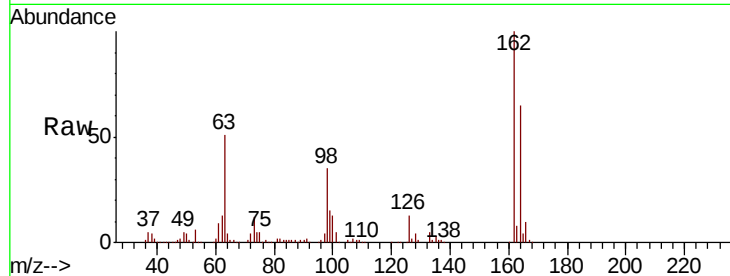




#29
2,4-Dichlorophenol
Concen: 39.481 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

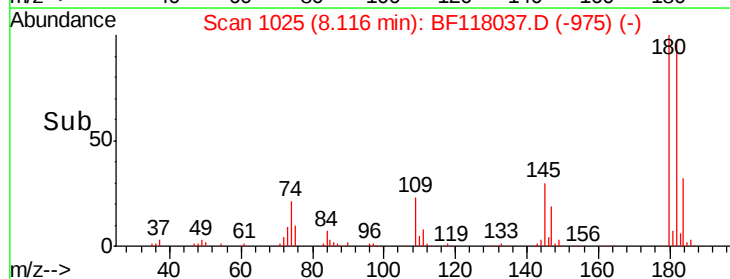
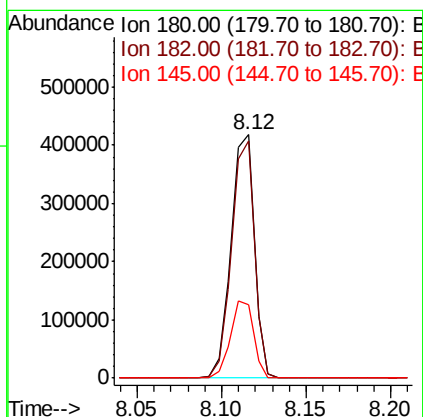
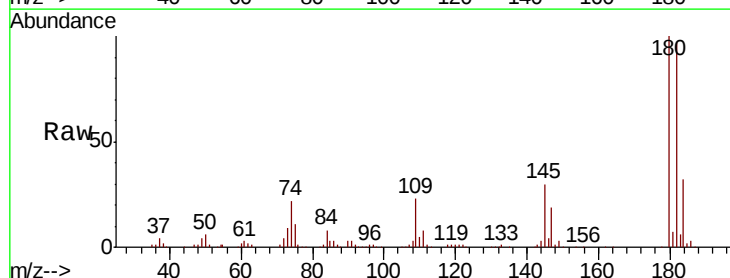
Instrument :
BNA_F
ClientSampleId :

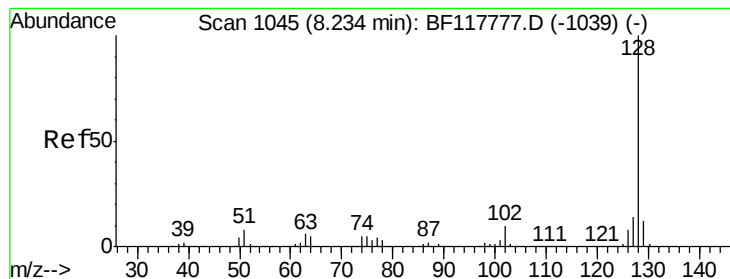
Tot Ion:162 Resp: 343563
Ion Ratio Lower Upper
162 100
164 65.4 45.1 85.1
98 35.4 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 39.591 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:180 Resp: 399616
Ion Ratio Lower Upper
180 100
182 97.2 75.8 113.6
145 30.3 25.5 38.3





#31

Naphthalene

Concen: 41.717 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

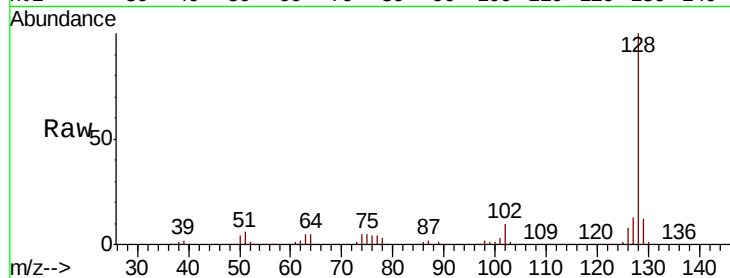
Tot Ion:128 Resp: 1188696

Ion Ratio Lower Upper

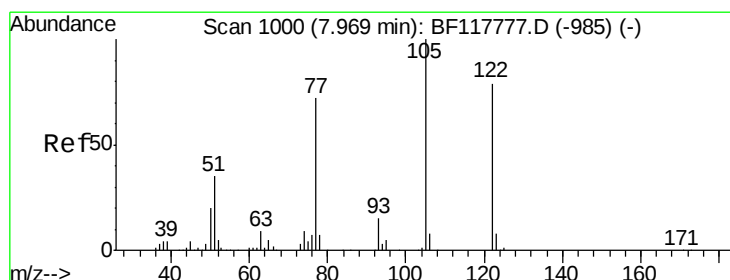
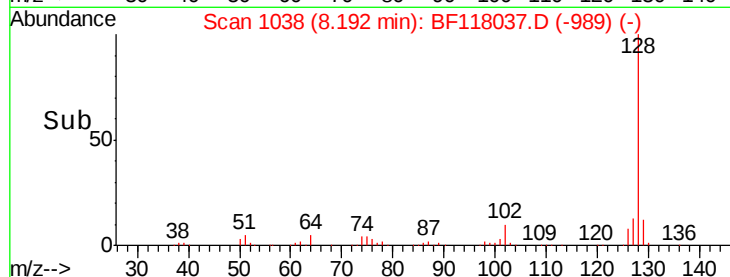
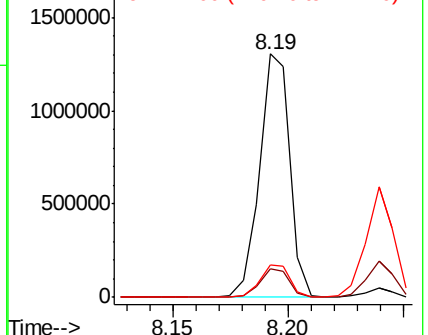
128 100

129 11.6 9.5 14.3

127 13.3 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: 39.601 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

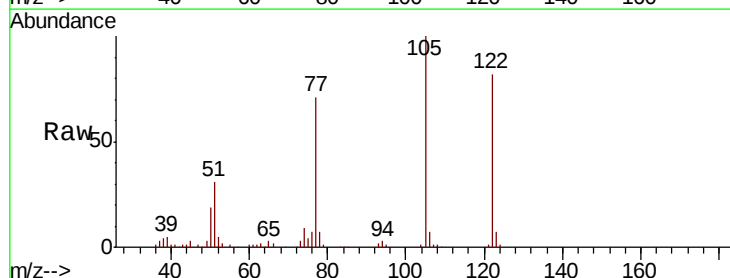
Tgt Ion:122 Resp: 266009

Ion Ratio Lower Upper

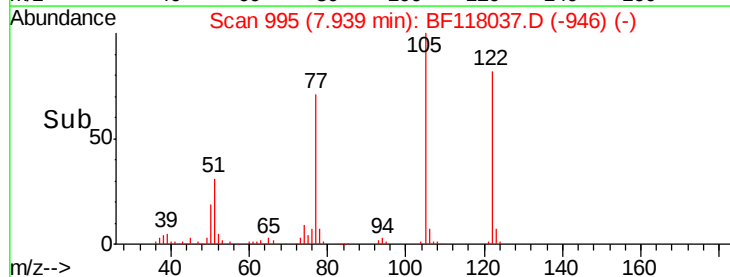
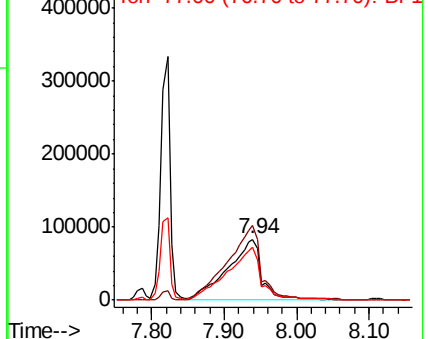
122 100

105 122.1 102.7 142.7

77 86.9 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

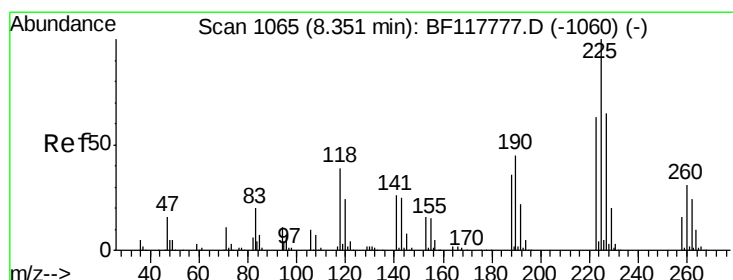
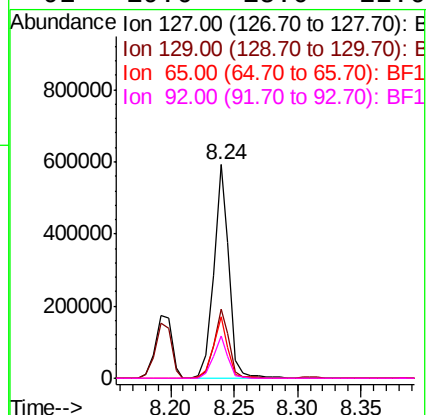
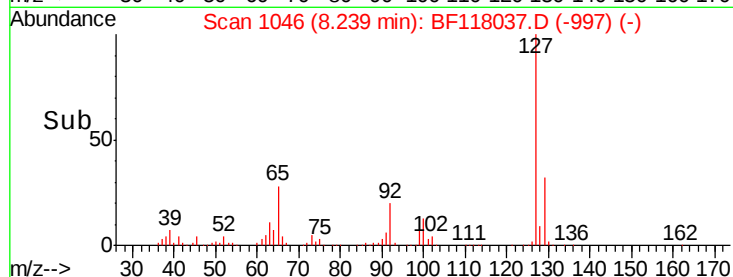
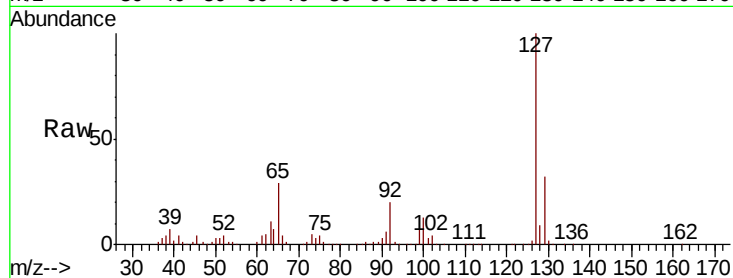




#33
4-Chloroaniline
Concen: 39.171 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

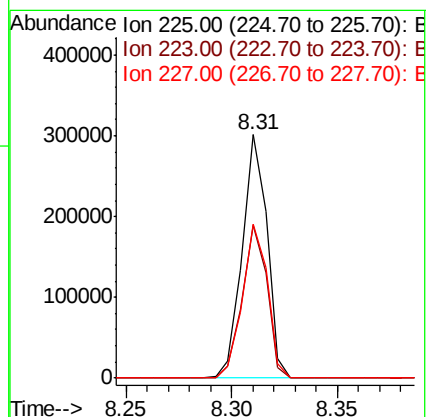
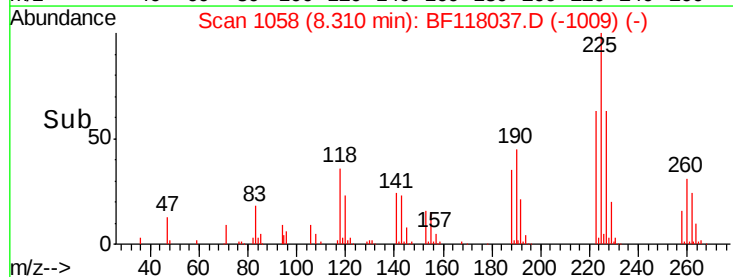
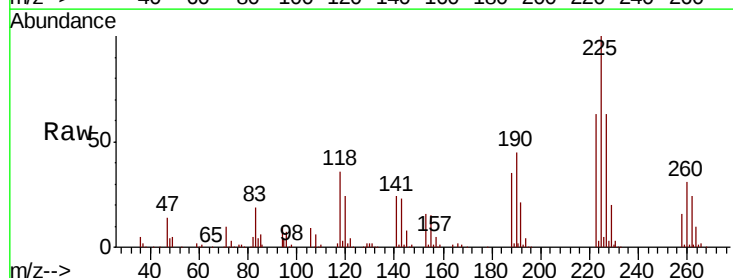
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	499675
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	28.6	22.9	34.3
92	19.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.378 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:	225	Resp:	244188
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	63.3	51.8	77.6

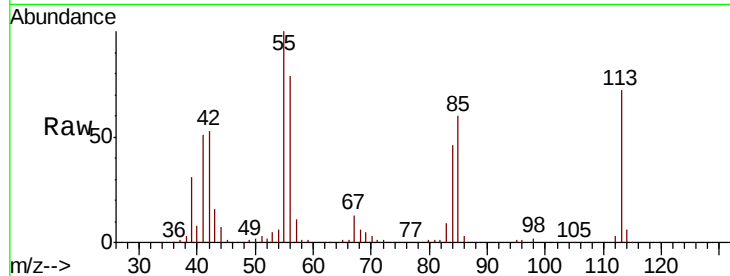




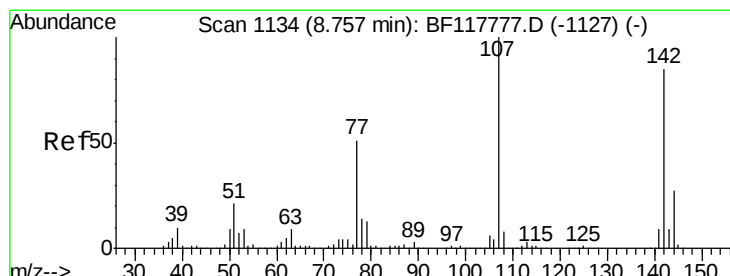
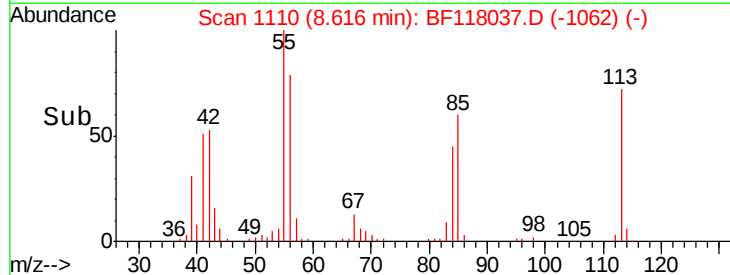
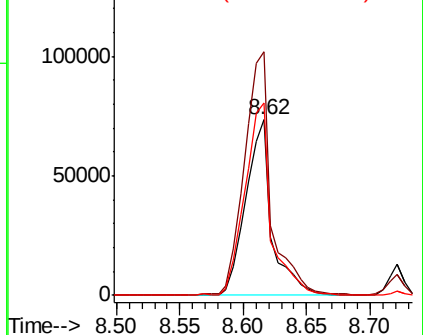
#35
 Caprolactam
 Concen: 38.004 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 105103
 Ion Ratio Lower Upper
 113 100
 55 138.9 141.1 181.1#
 56 109.6 100.5 140.5

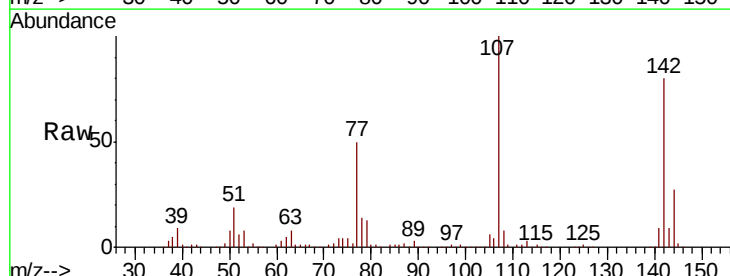


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

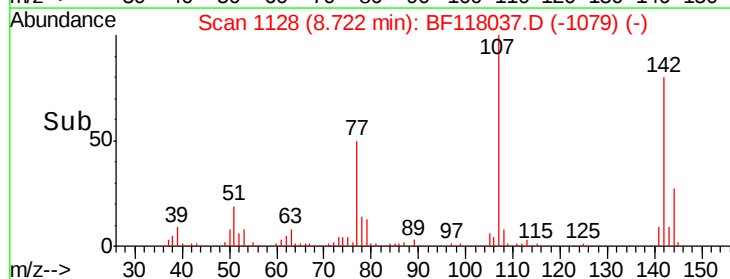
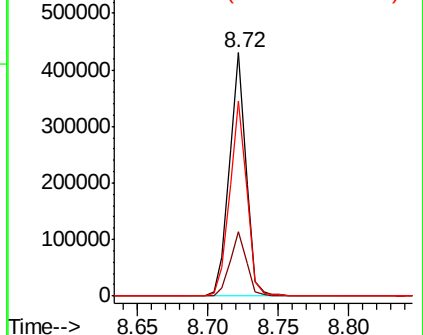


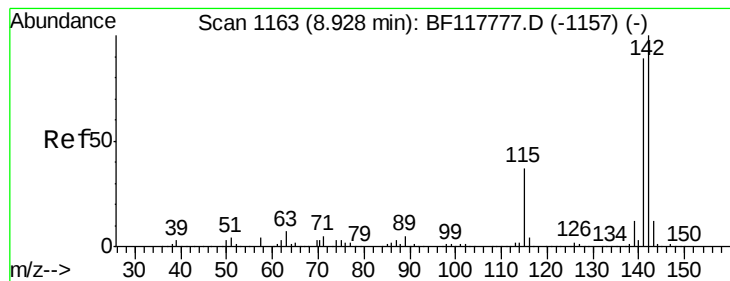
#36
 4-Chloro-3-methylphenol
 Concen: 40.207 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:107 Resp: 355083
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.9 32.9
 142 80.2 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: 41.305 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

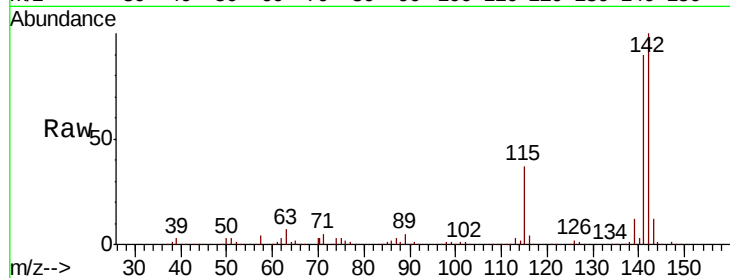
Tot Ion:142 Resp: 795231

Ion Ratio Lower Upper

142 100

141 89.7 71.1 106.7

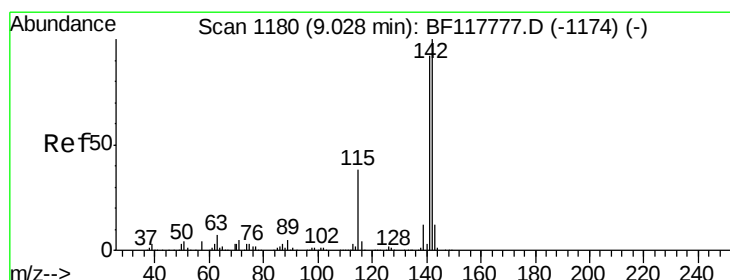
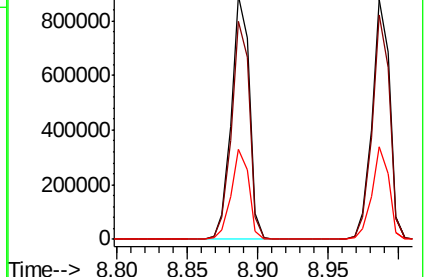
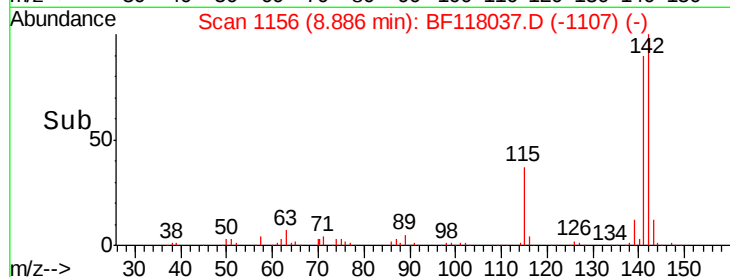
115 36.9 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.896 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

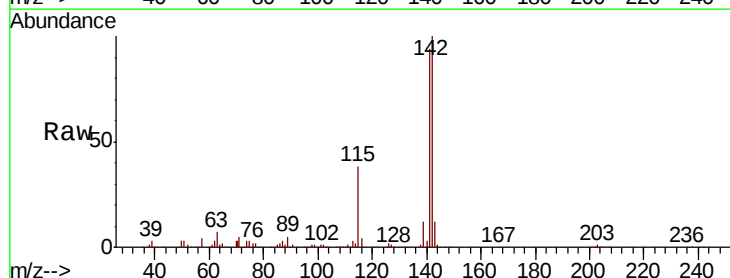
Tgt Ion:142 Resp: 762568

Ion Ratio Lower Upper

142 100

141 93.6 73.5 110.3

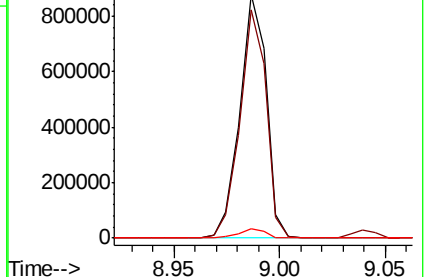
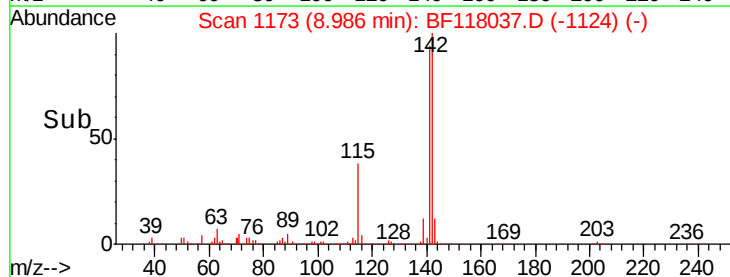
116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

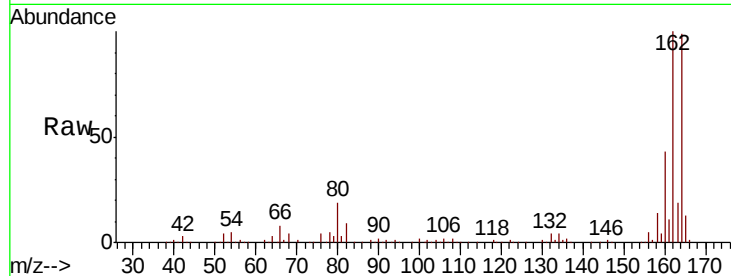




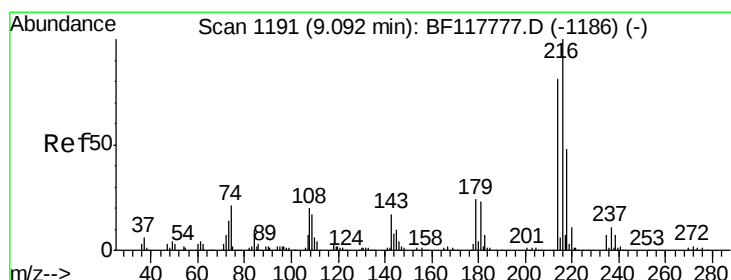
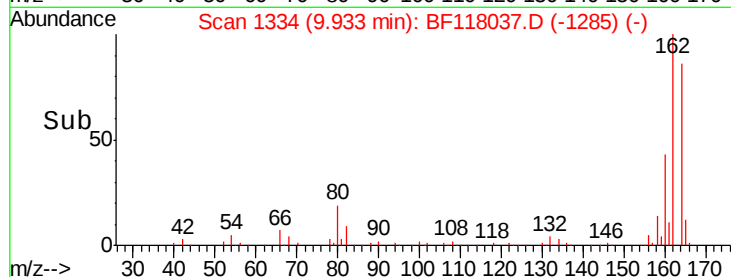
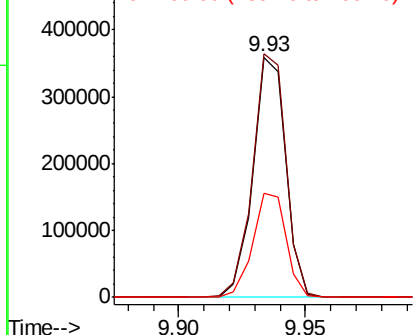
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 324255
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 43.5 36.6 55.0

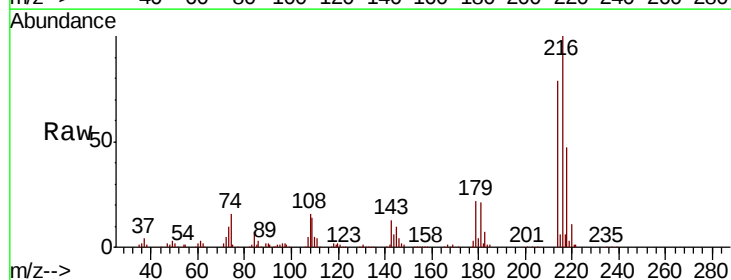


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

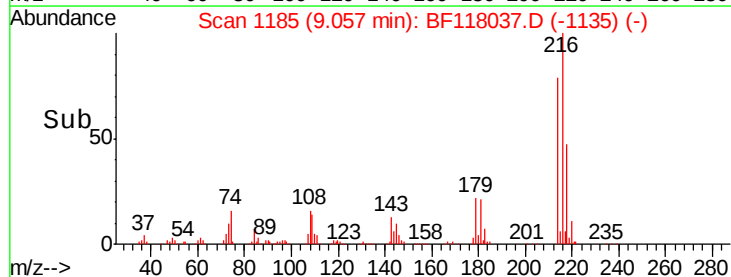
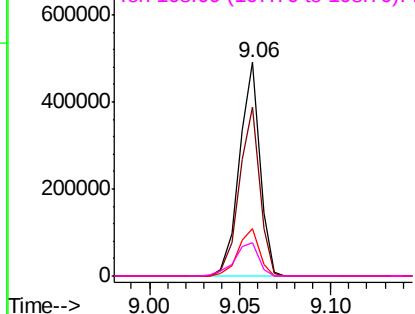


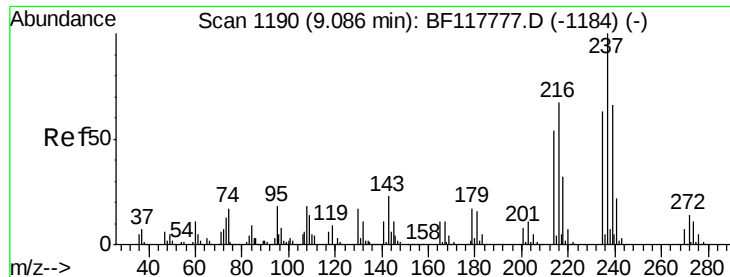
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.999 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:216 Resp: 386071
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 22.9 18.2 27.4
108 18.8 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: 35.204 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

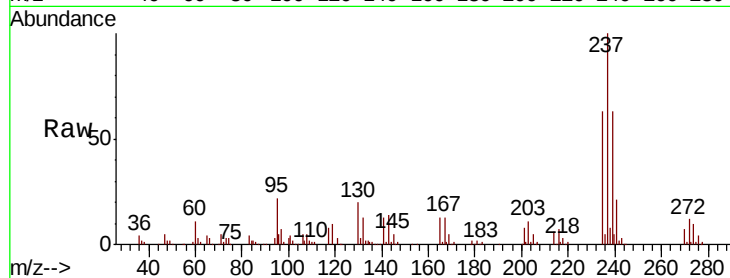
Tot Ion:237 Resp: 185774

Ion Ratio Lower Upper

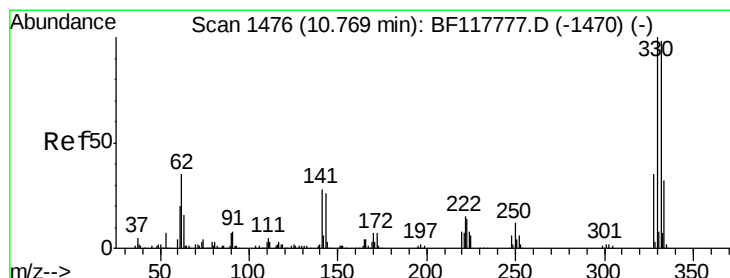
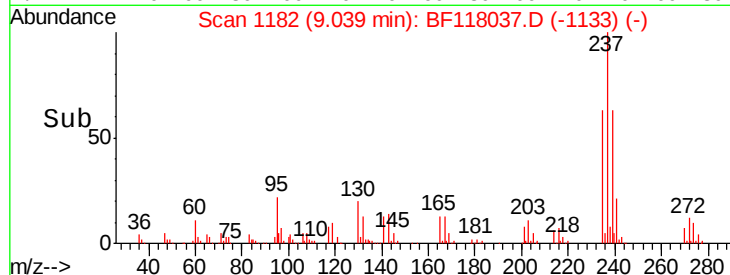
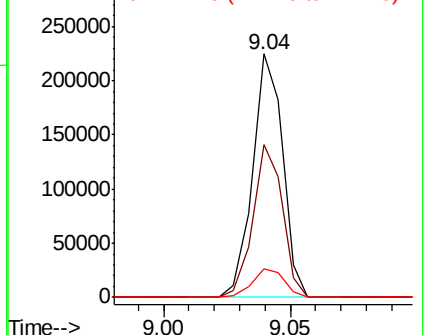
237 100

235 62.8 42.6 82.6

272 11.9 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: 88.948 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

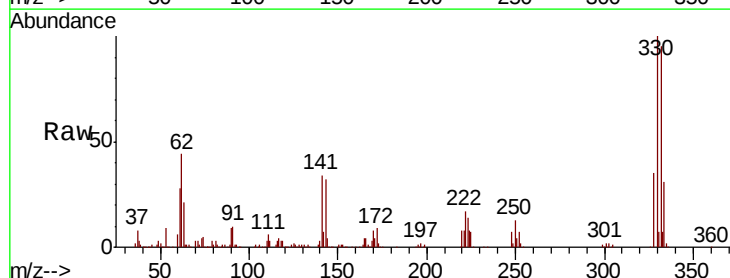
Tgt Ion:330 Resp: 305347

Ion Ratio Lower Upper

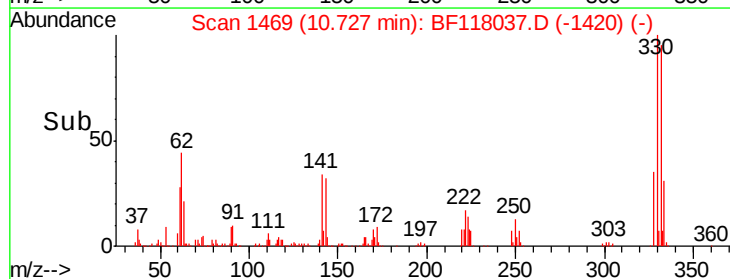
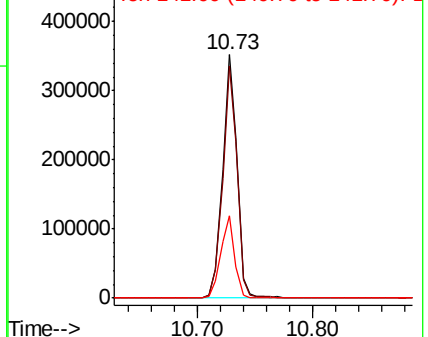
330 100

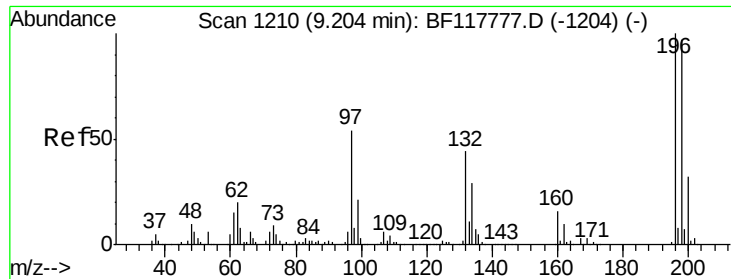
332 95.7 76.7 115.1

141 32.8 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

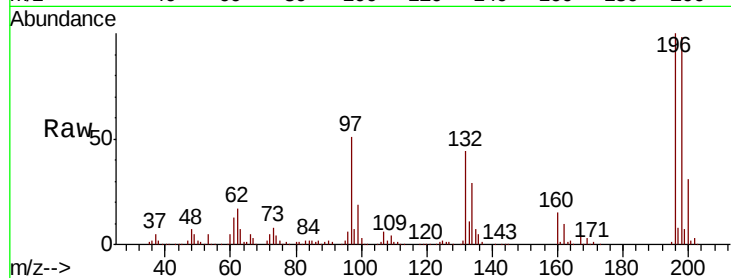




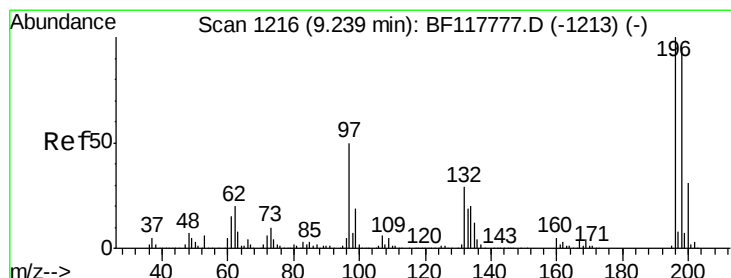
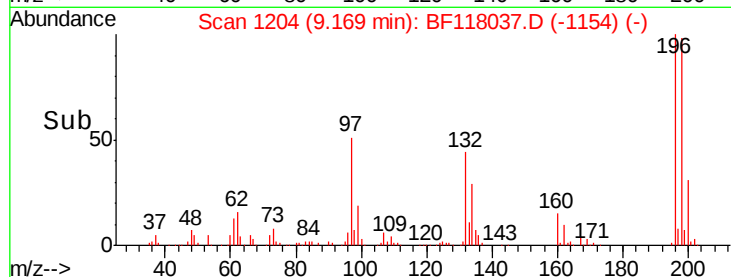
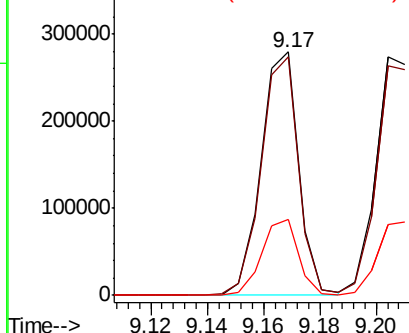
#43
 2,4,6-Trichlorophenol
 Concen: 38.321 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 258470
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.8 116.6
 200 31.4 25.4 38.0

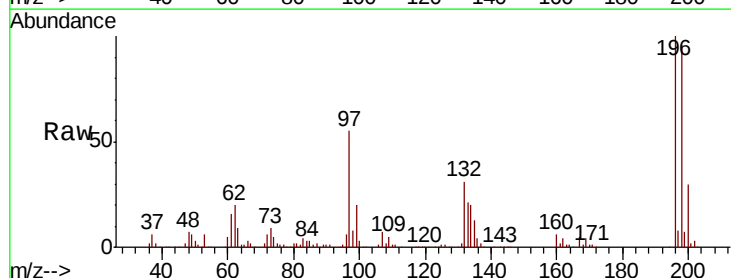


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

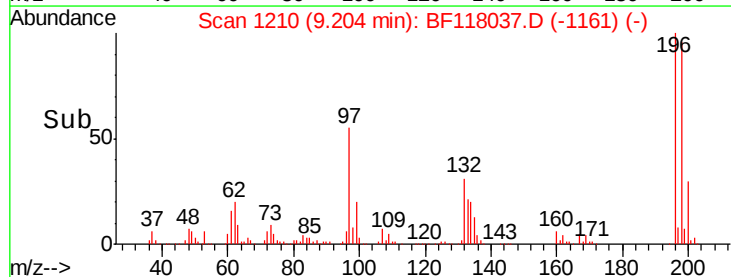
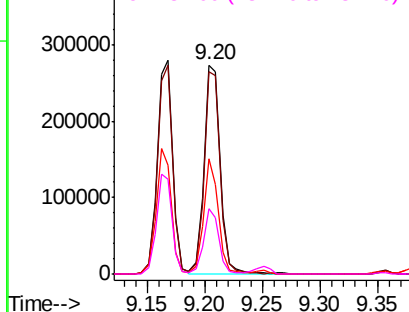


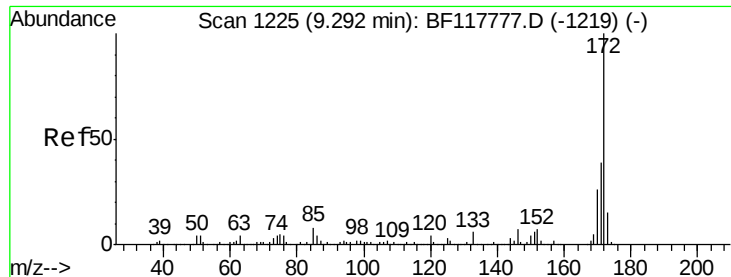
#44
 2,4,5-Trichlorophenol
 Concen: 38.473 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:196 Resp: 269426
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 97 55.1 40.0 60.0
 132 31.4 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



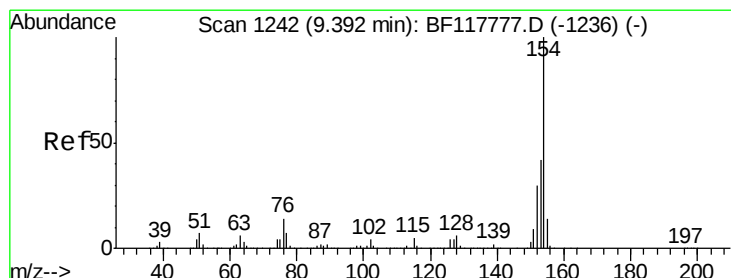
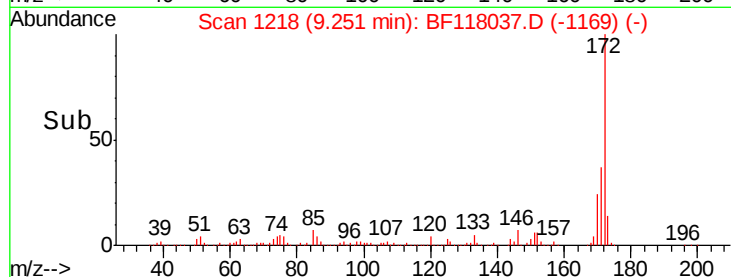
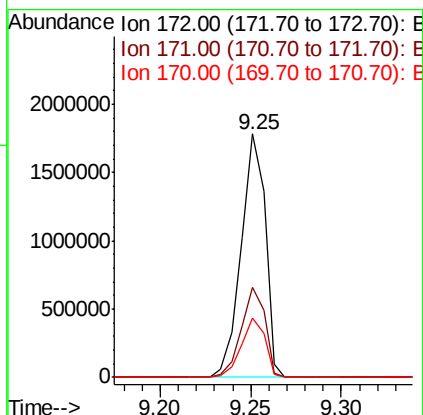
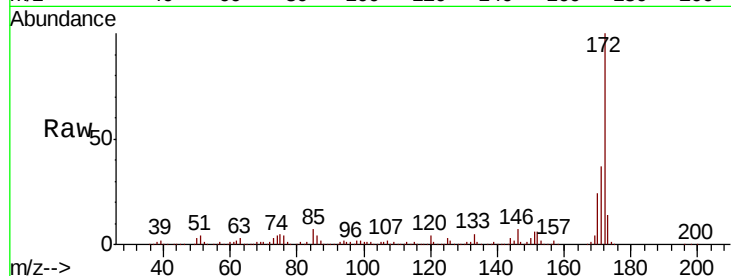


#45
 2-Fluorobiphenyl
 Concen: 91.047 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1645594

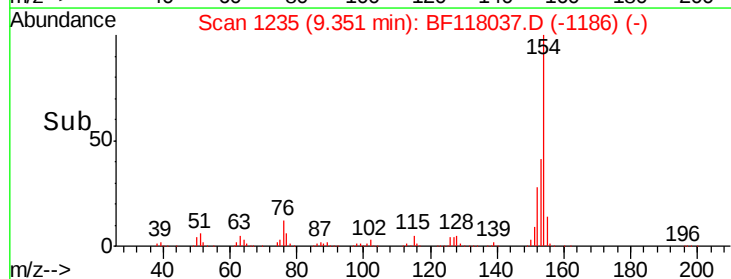
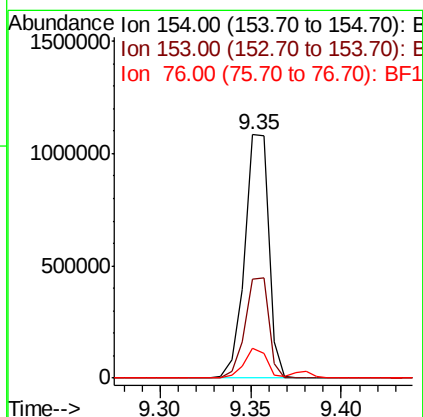
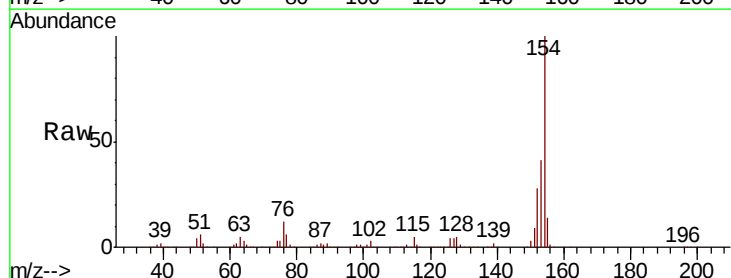
Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	24.3	21.0	31.4

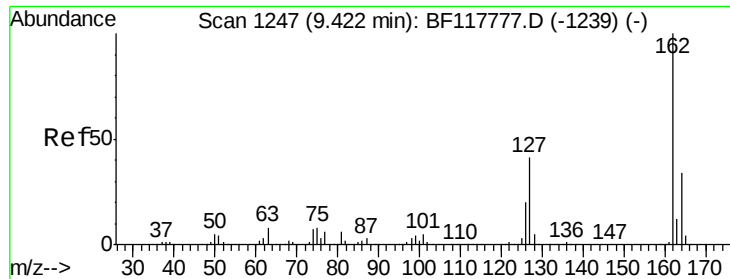


#46
 1,1'-Biphenyl
 Concen: 41.399 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:154 Resp: 995932

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.9	61.9
76	12.3	0.0	33.6

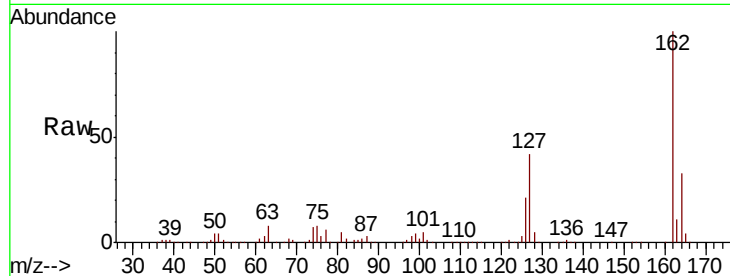




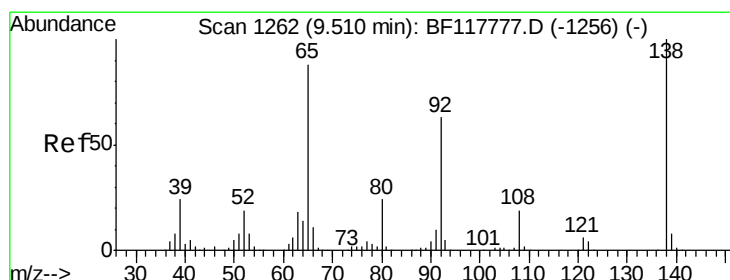
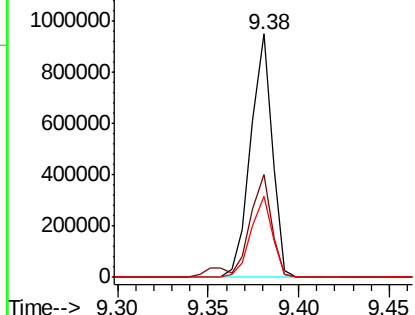
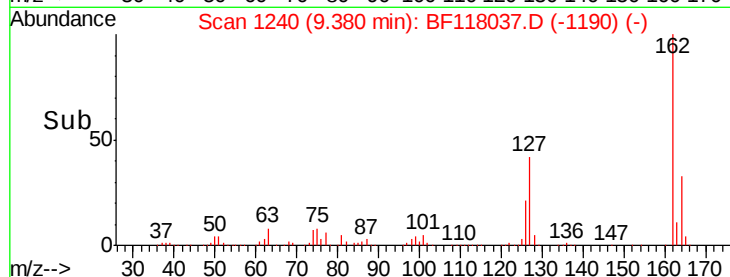
#47
2-Chloronaphthalene
Concen: 39.895 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 789535
Ion Ratio Lower Upper
162 100
127 42.5 33.2 49.8
164 33.2 27.3 40.9

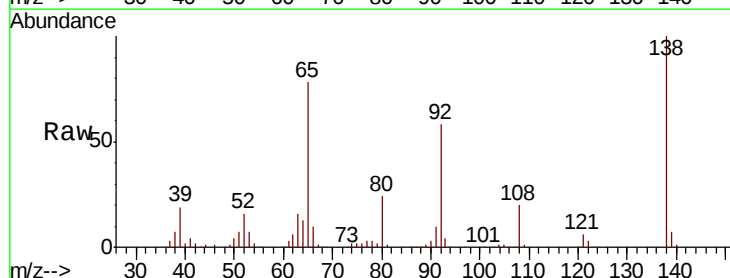


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

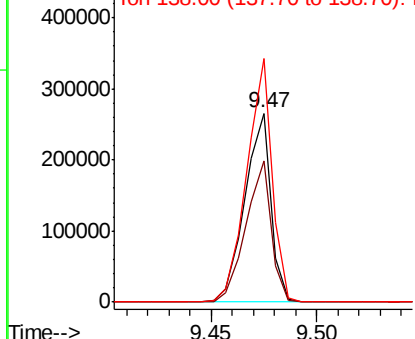
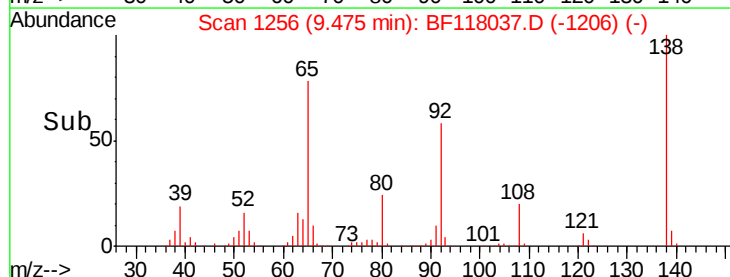


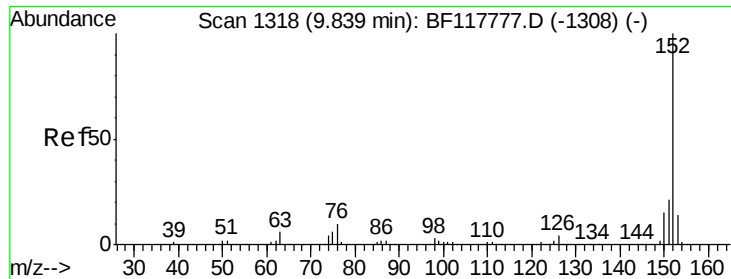
#48
2-Nitroaniline
Concen: 38.107 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion: 65 Resp: 227679
Ion Ratio Lower Upper
65 100
92 74.8 56.6 84.8
138 128.9 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: 41.180 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

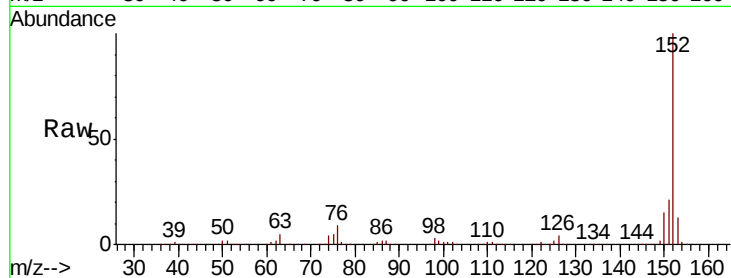
Tot Ion:152 Resp: 1188182

Ion Ratio Lower Upper

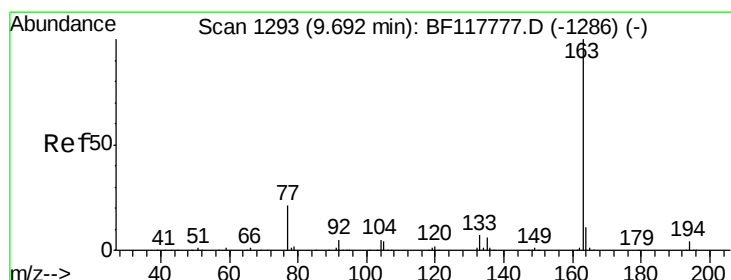
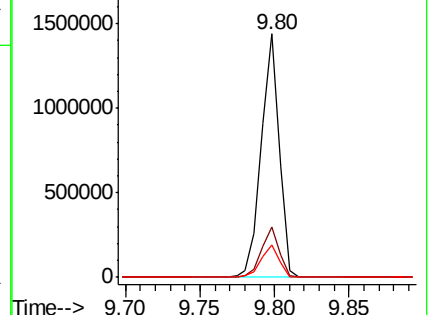
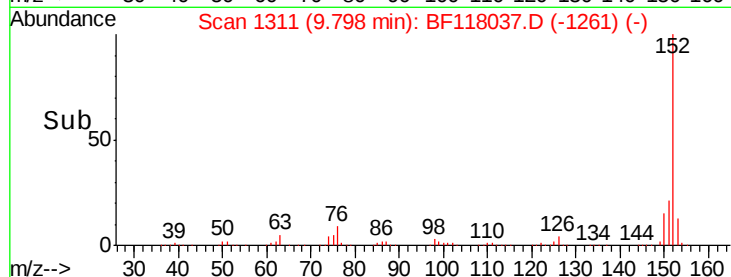
152 100

151 20.6 17.0 25.6

153 13.4 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: 40.892 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

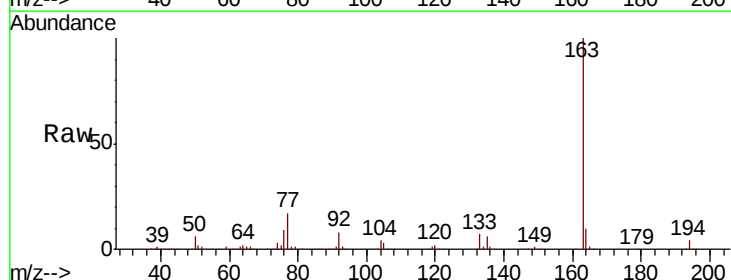
Tgt Ion:163 Resp: 929798

Ion Ratio Lower Upper

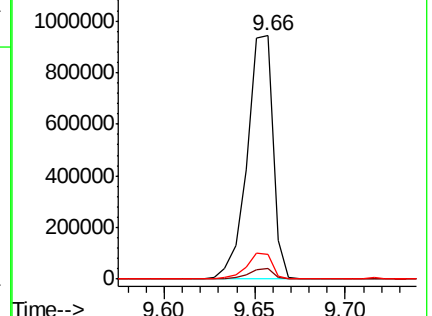
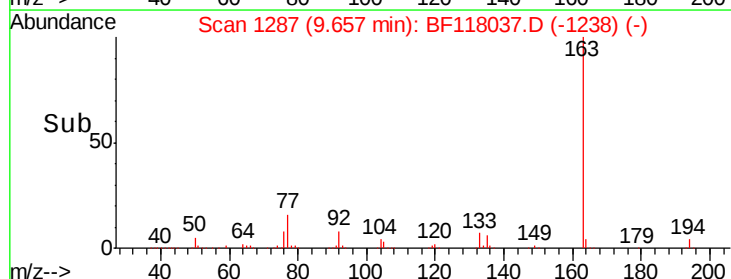
163 100

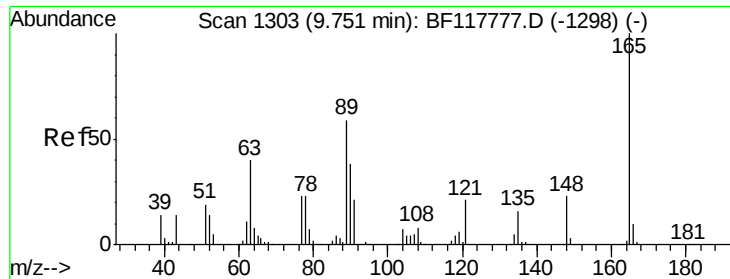
194 4.2 3.3 4.9

164 10.1 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

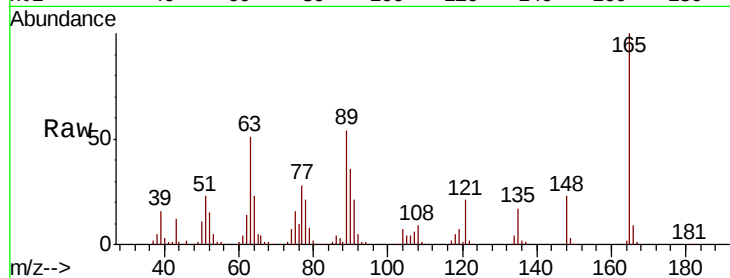




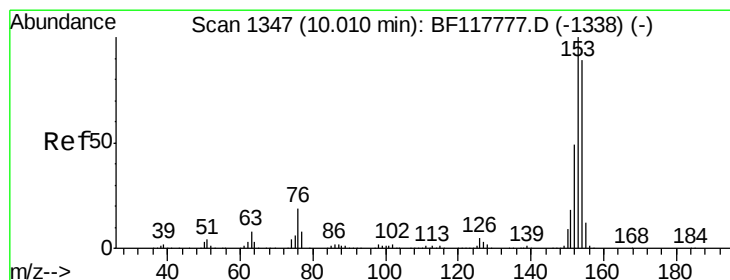
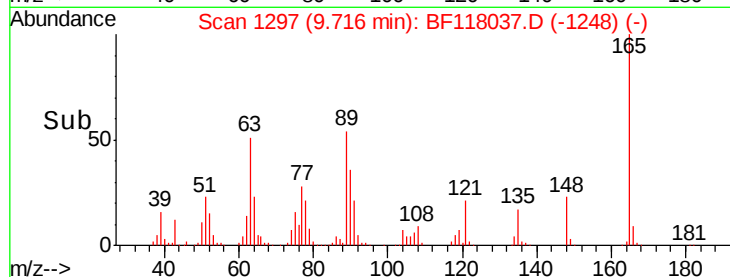
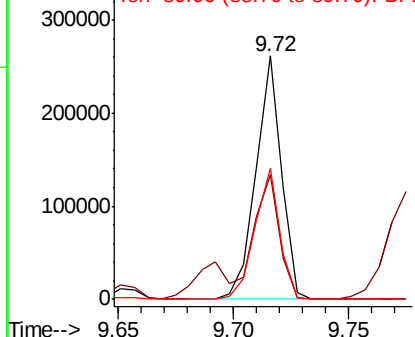
#51
2,6-Dinitrotoluene
Concen: 40.710 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	46.0	69.0
89	53.8	47.7	71.5

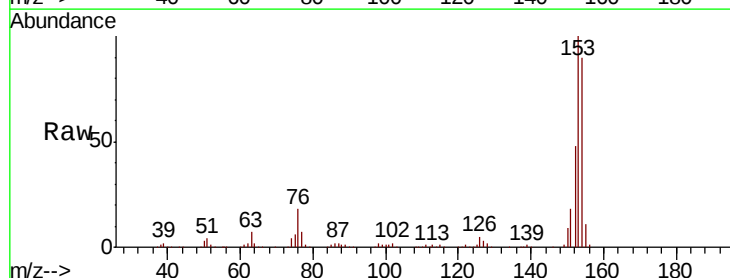


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

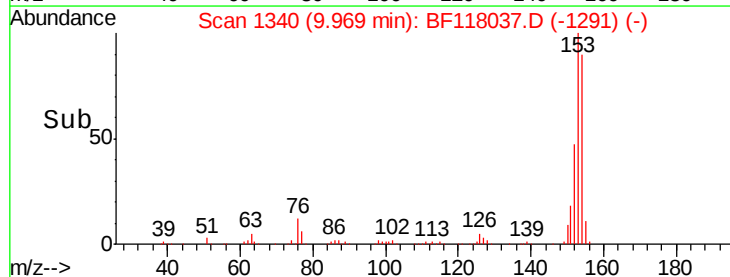
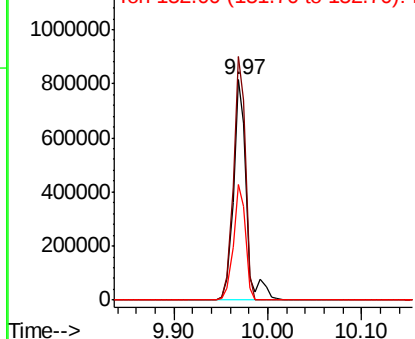


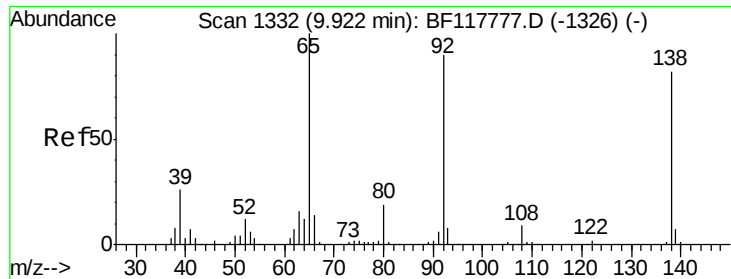
#52
Acenaphthene
Concen: 41.912 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.1	135.1
152	52.7	44.0	66.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

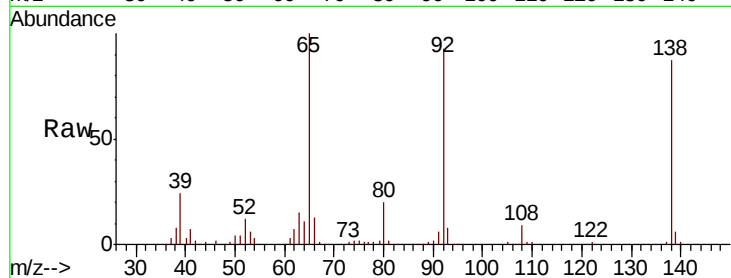




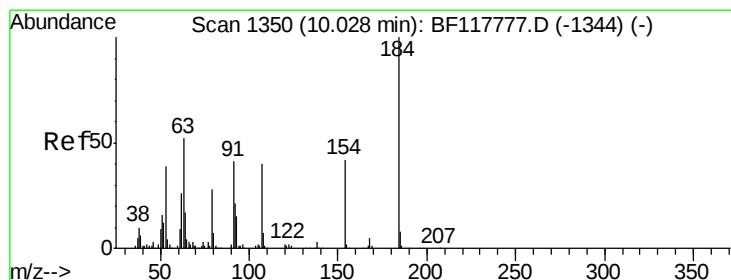
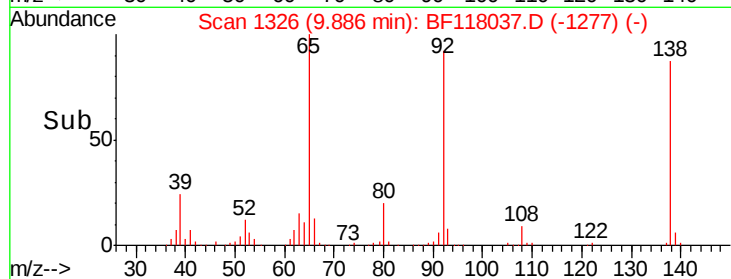
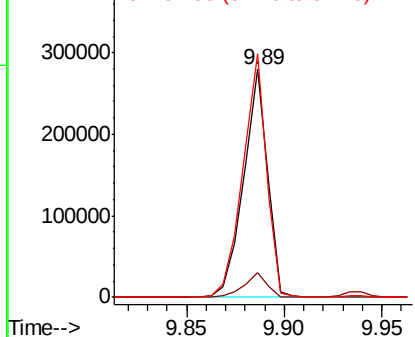
#53
3-Nitroaniline
Concen: 39.994 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 237818
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 106.9 87.9 131.9

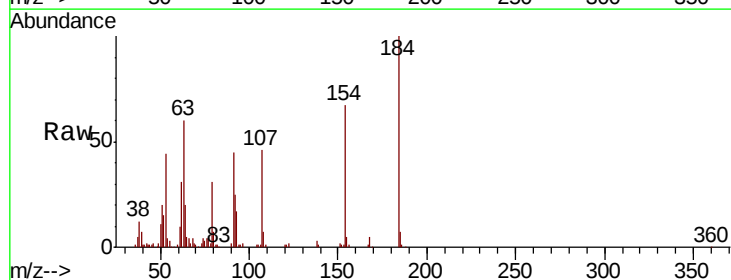


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

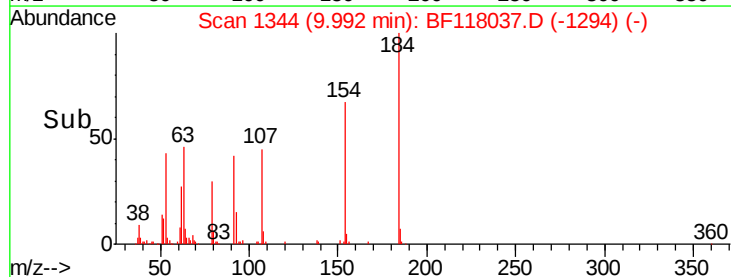
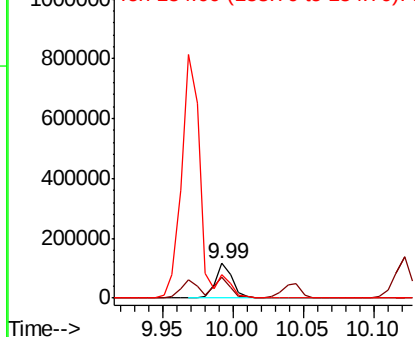


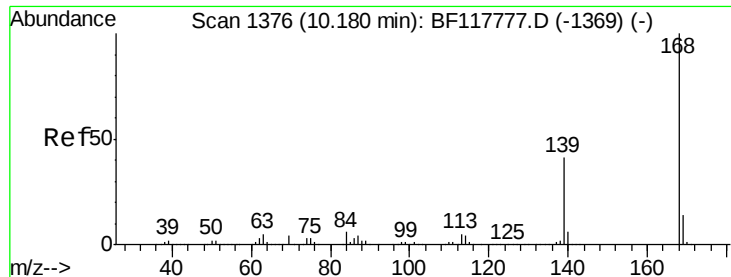
#54
2,4-Dinitrophenol
Concen: 43.086 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:184 Resp: 100658
Ion Ratio Lower Upper
184 100
63 60.3 43.0 64.6
154 66.5 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

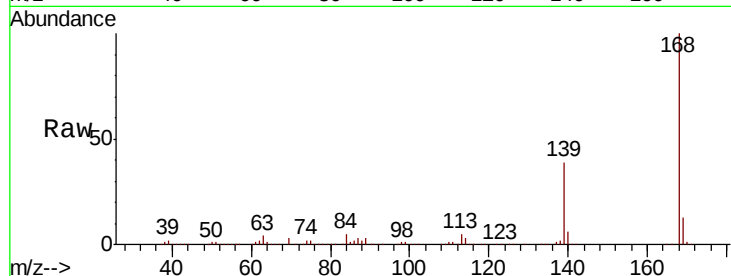




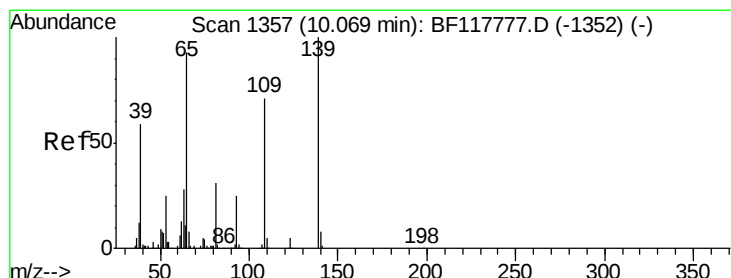
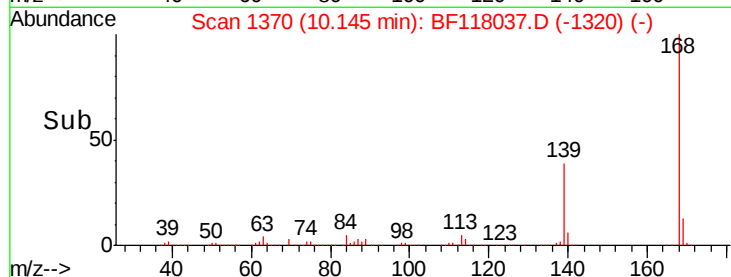
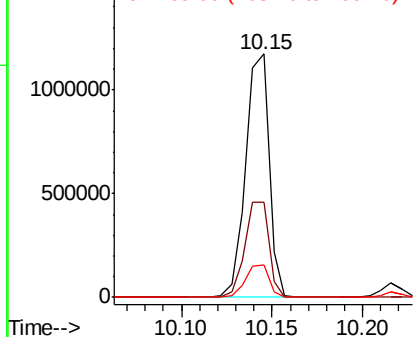
#55
 Dibenzofuran
 Concen: 41.302 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 1057126
 Ion Ratio Lower Upper
 168 100
 139 38.9 33.0 49.6
 169 13.2 11.5 17.3

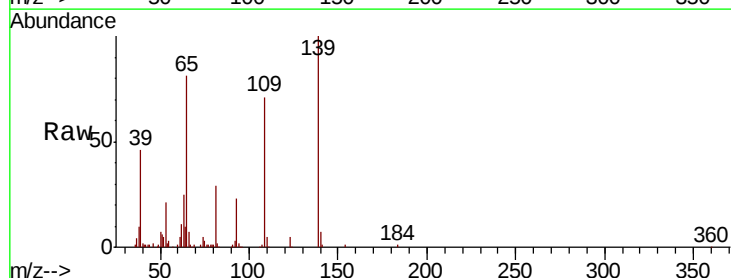


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

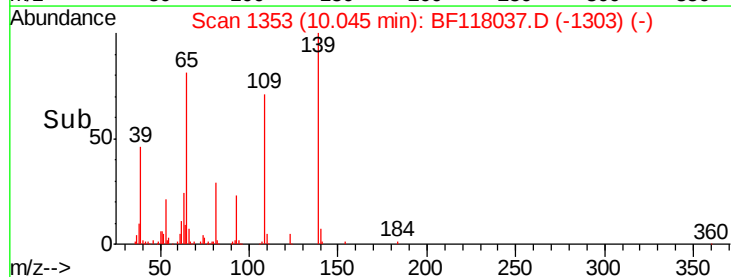
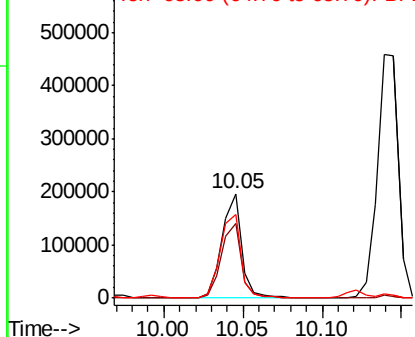


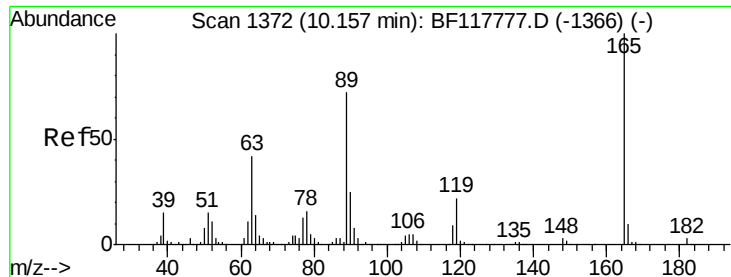
#56
 4-Nitrophenol
 Concen: 38.400 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:139 Resp: 170442
 Ion Ratio Lower Upper
 139 100
 109 71.1 50.8 90.8
 65 80.8 73.6 113.6



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

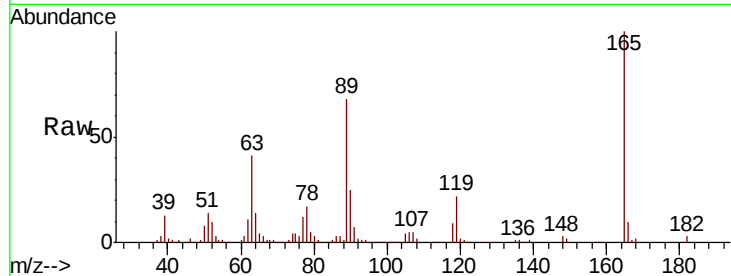




#57
2,4-Dinitrotoluene
Concen: 42.873 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.9	33.7	50.5
89	68.2	57.3	85.9
182	2.8	2.3	3.5



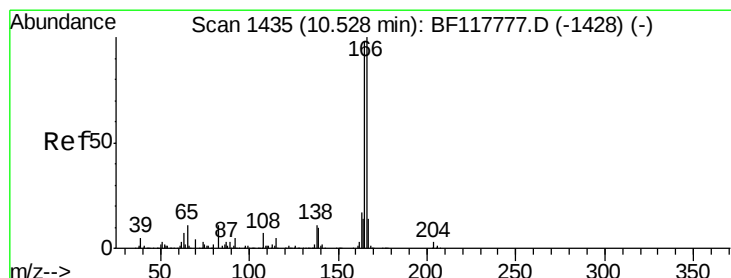
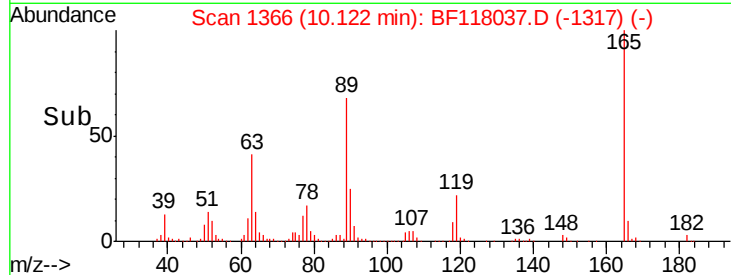
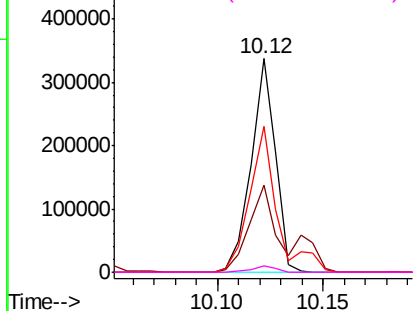
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

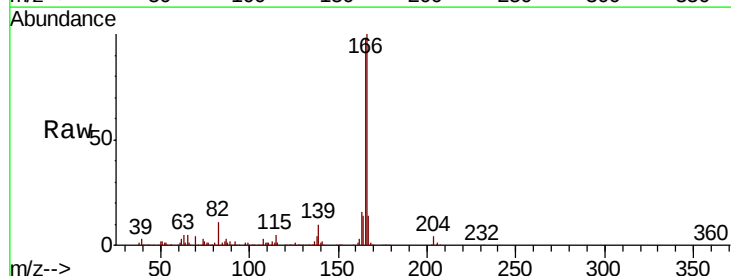
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.810 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.6	11.0	16.4

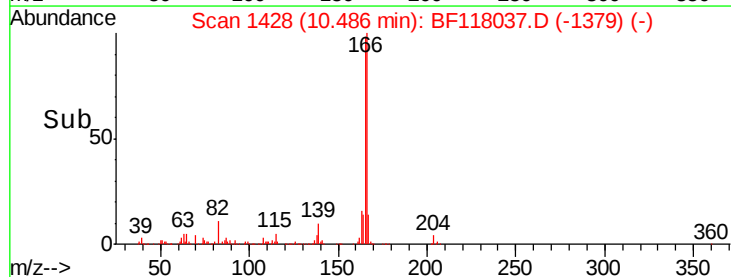
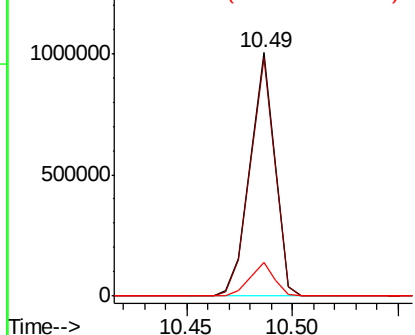


Abundance

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

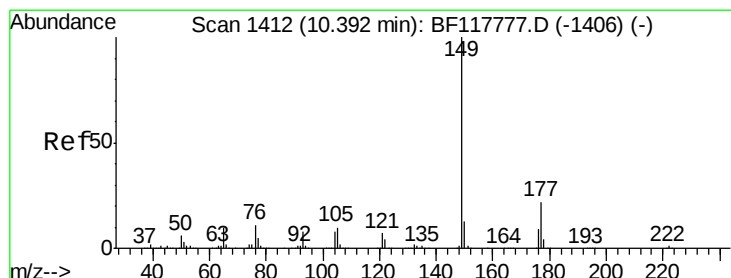
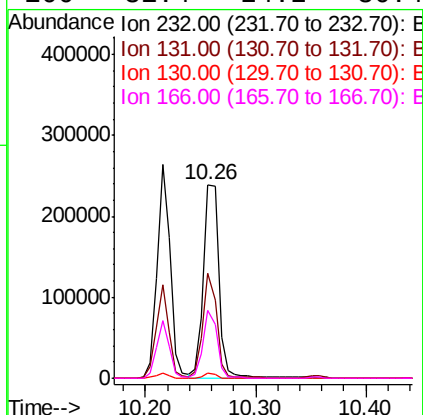
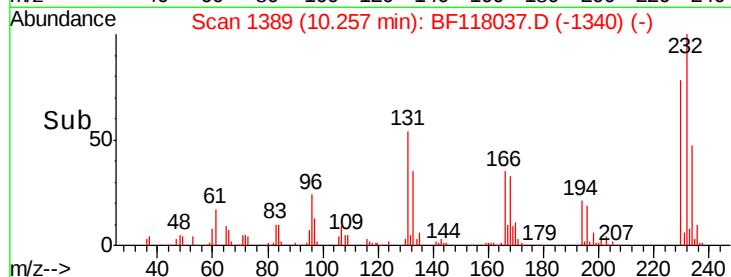
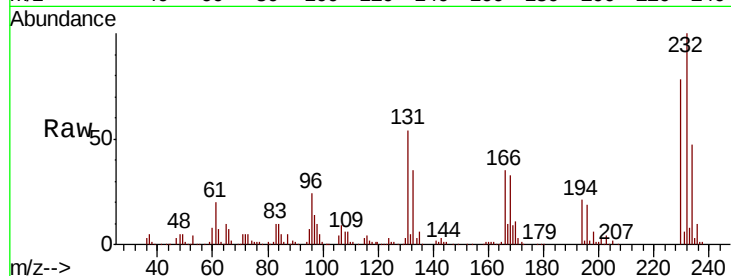




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.249 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

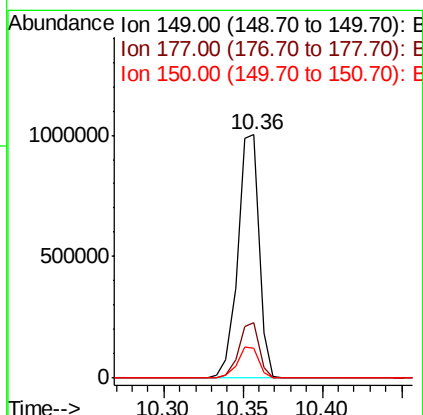
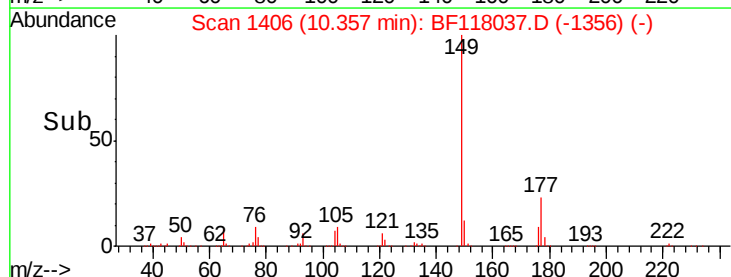
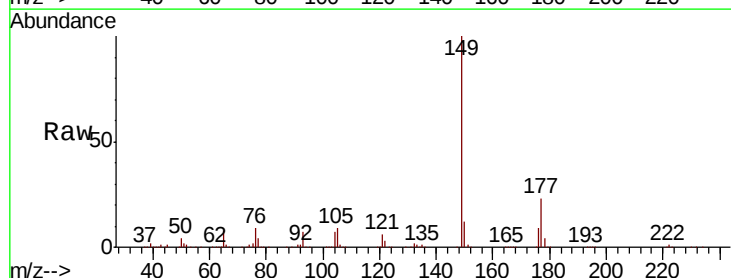
Instrument :
 BNA_F
 ClientSampleId :

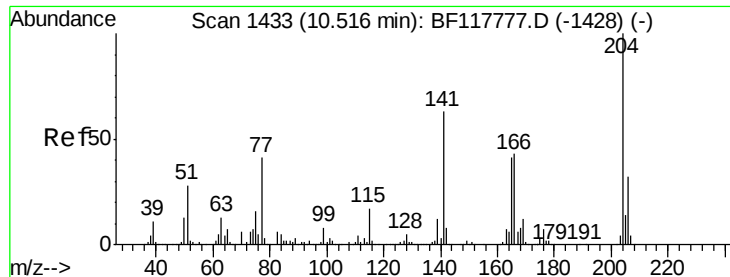
Tot Ion:232	Resp:	225839
Ion Ratio	Lower	Upper
232	100	
131	47.9	37.6 56.4
130	2.3	1.9 2.9
166	31.4	24.2 36.4



#60
 Diethylphthalate
 Concen: 42.145 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:149	Resp:	934279
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.0 27.0
150	12.4	10.5 15.7

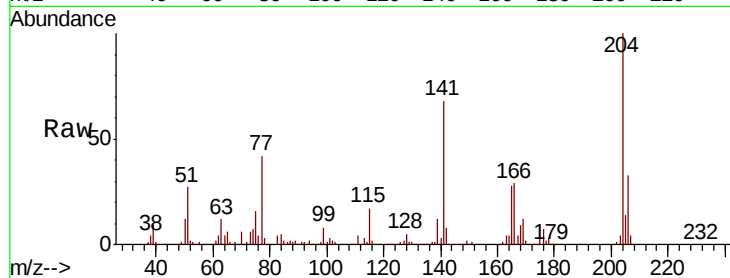




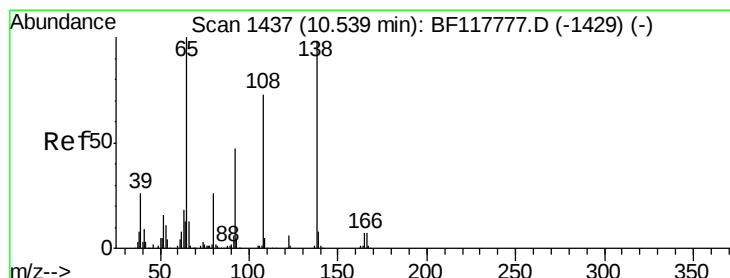
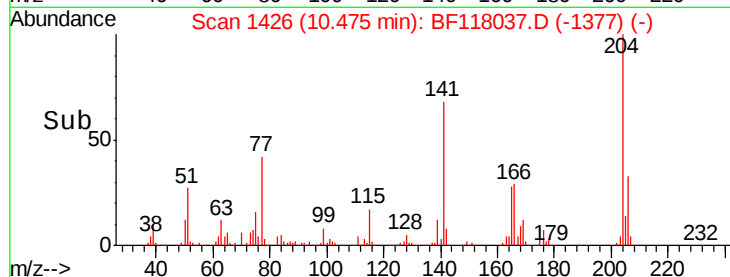
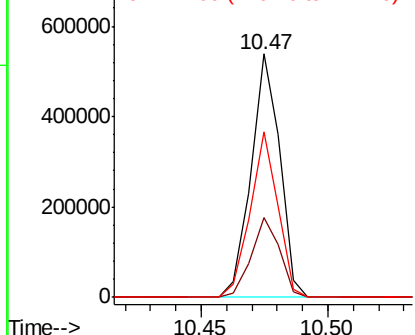
#61
4-Chlorophenyl-phenylether
Concen: 42.303 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 425805
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 67.8 50.7 76.1

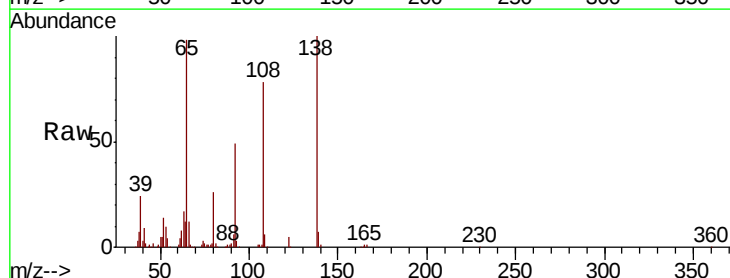


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

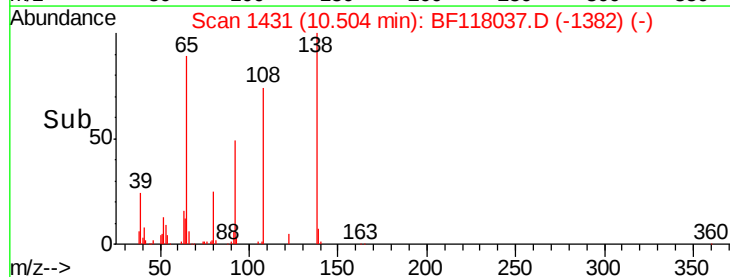
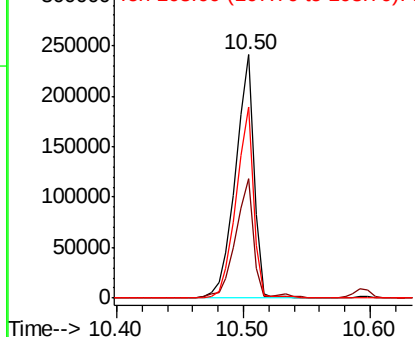


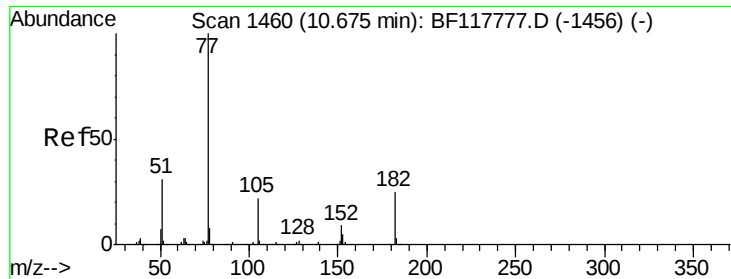
#62
4-Nitroaniline
Concen: 40.805 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:138 Resp: 242950
Ion Ratio Lower Upper
138 100
92 48.9 28.3 68.3
108 78.4 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: 39.691 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 800479

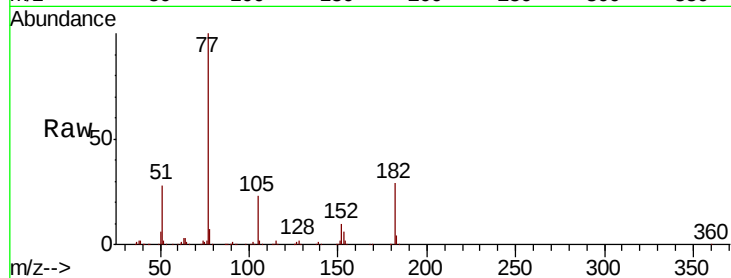
Ion Ratio Lower Upper

77 100

182 29.3 4.8 44.8

105 22.9 2.1 42.1

51 27.7 11.4 51.4

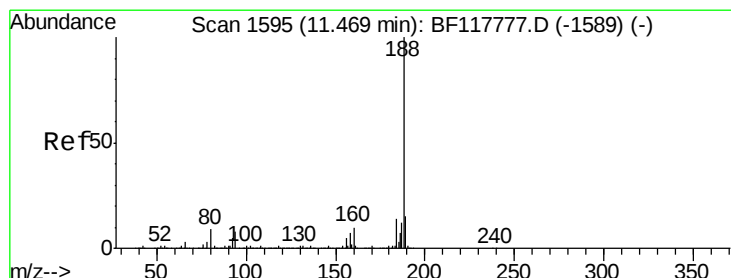
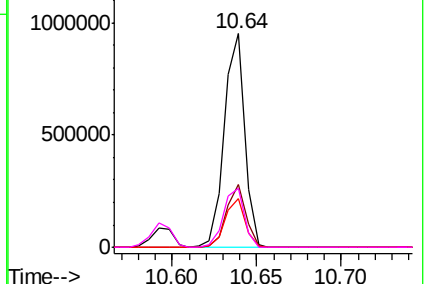
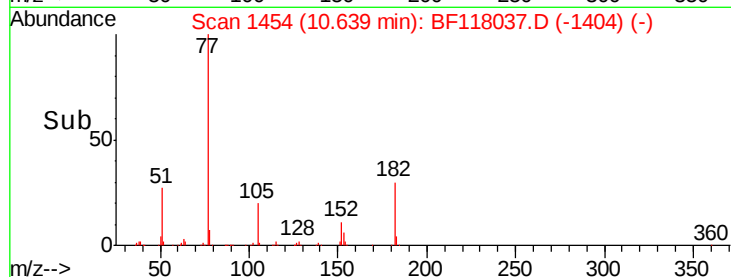


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

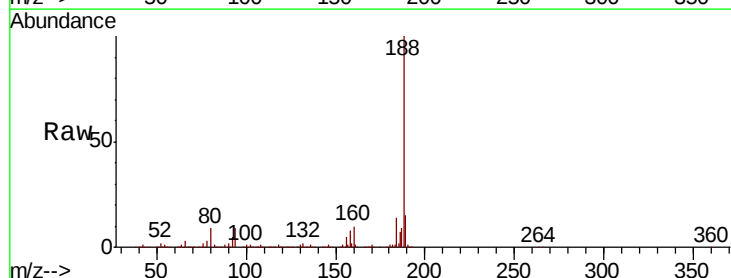
Tgt Ion: 188 Resp: 608196

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

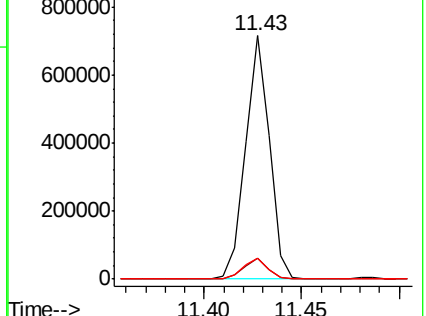
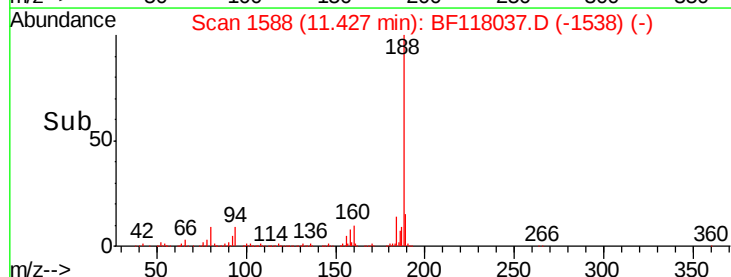
80 8.8 7.2 10.8

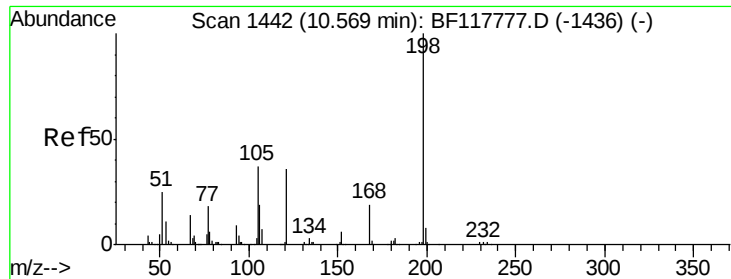


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

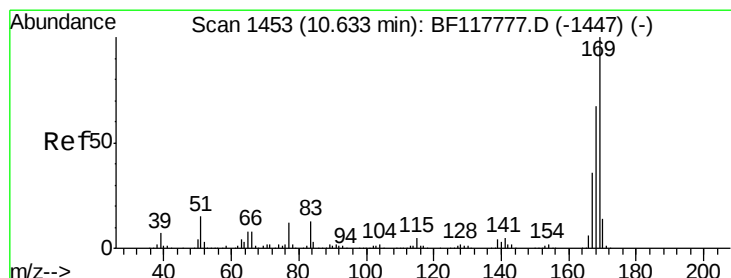
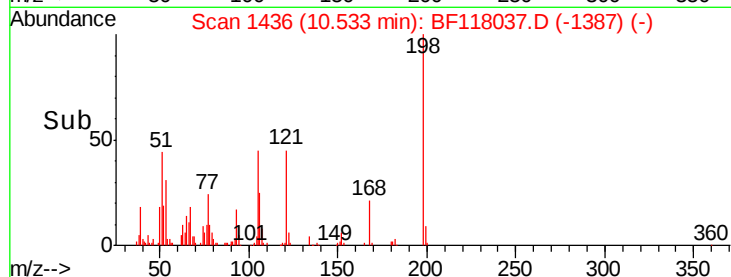
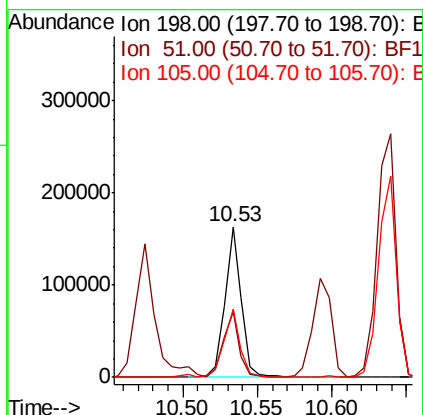
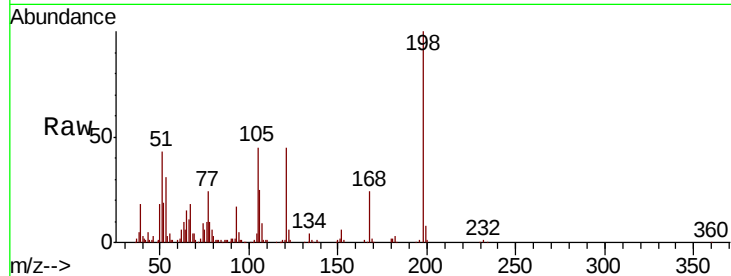




#65
4,6-Dinitro-2-methylphenol
Concen: 45.165 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

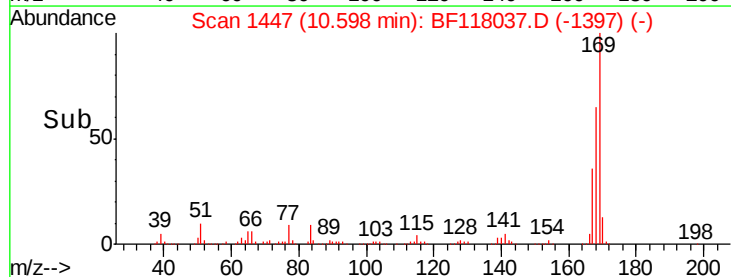
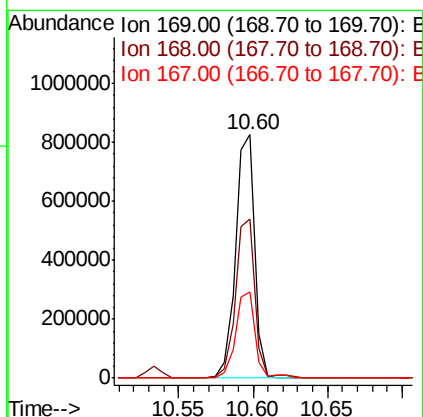
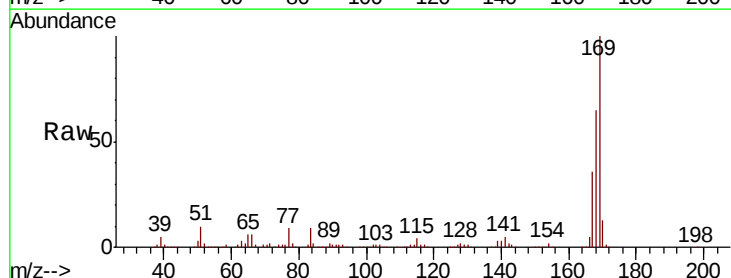
Instrument :
BNA_F
ClientSampleId :

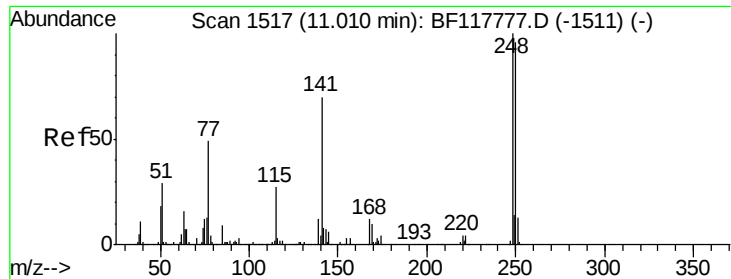
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	16.0	56.0
105	44.9	19.1	59.1



#66
n-Nitrosodiphenylamine
Concen: 41.944 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.5	80.3
167	35.5	29.0	43.4

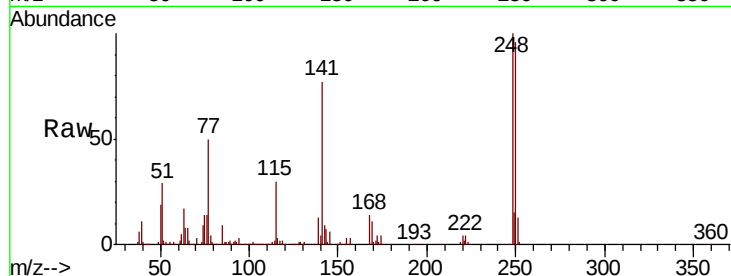




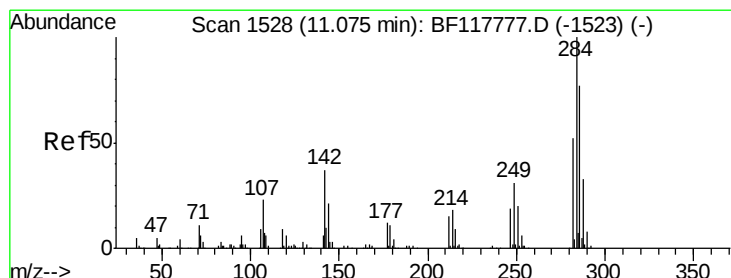
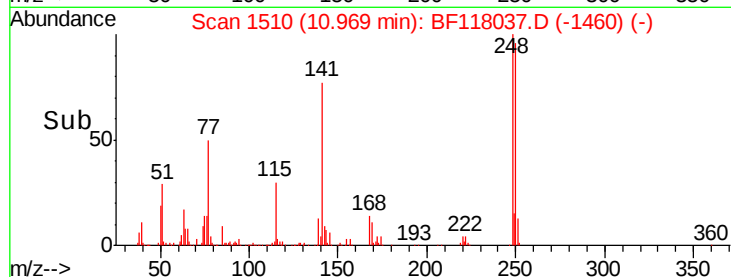
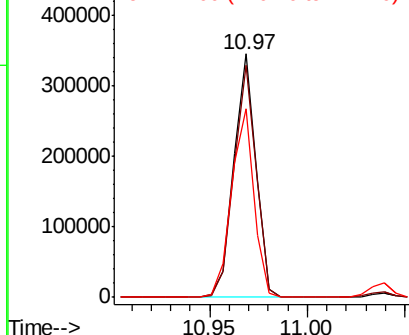
#67
4-Bromophenyl-phenylether
Concen: 41.259 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 270758
Ion Ratio Lower Upper
248 100
250 95.6 76.6 115.0
141 77.4 55.9 83.9

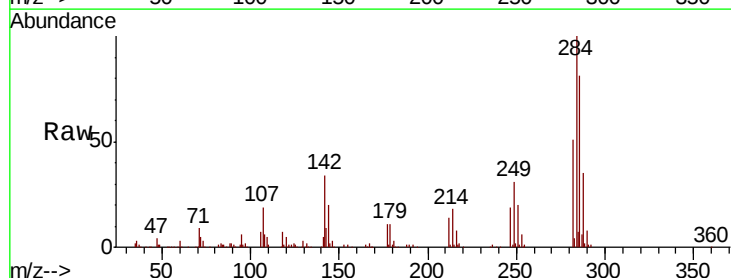


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

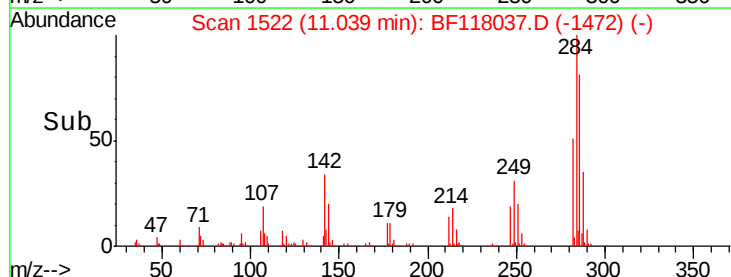
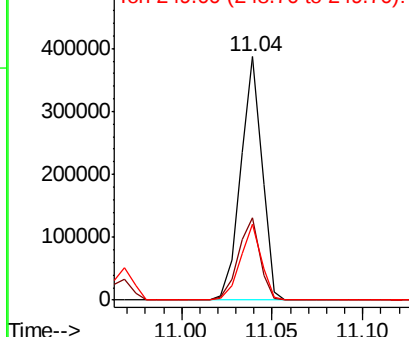


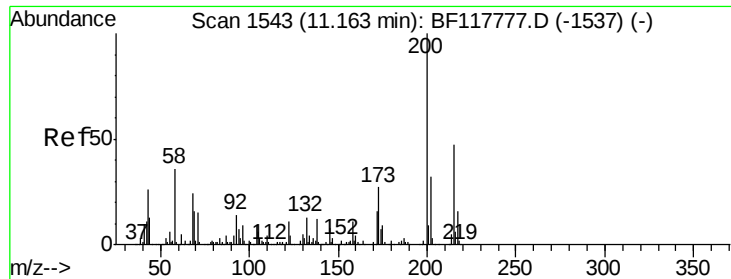
#68
Hexachlorobenzene
Concen: 41.292 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:284 Resp: 315967
Ion Ratio Lower Upper
284 100
142 33.7 29.4 44.2
249 31.1 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: 39.719 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

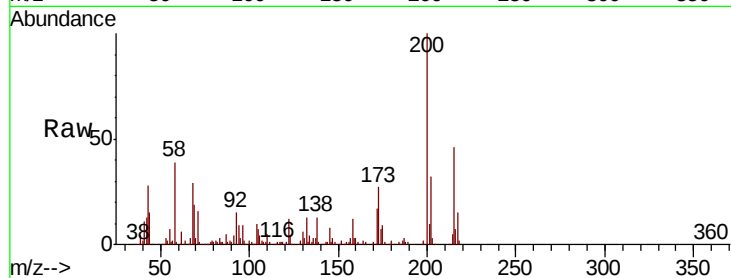
Tot Ion:200 Resp: 231263

Ion Ratio Lower Upper

200 100

173 27.2 6.7 46.7

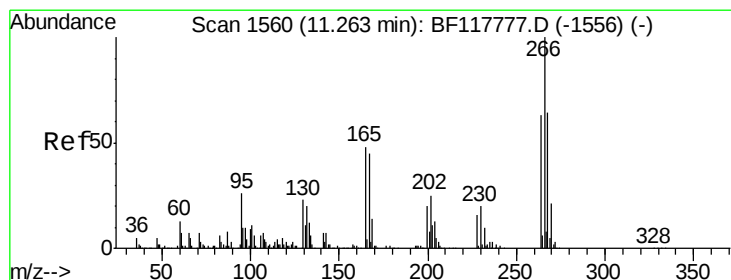
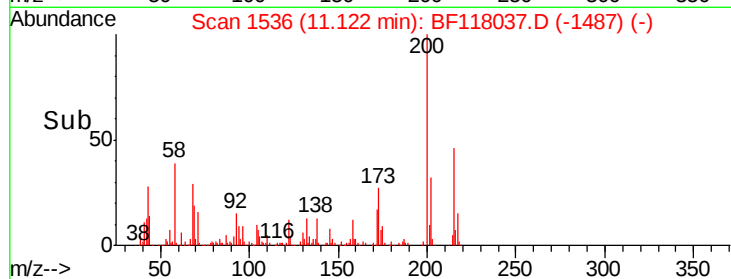
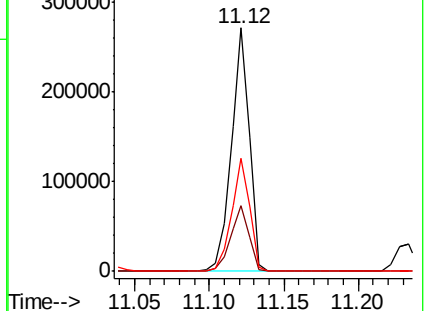
215 46.3 27.5 67.5



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: 35.811 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

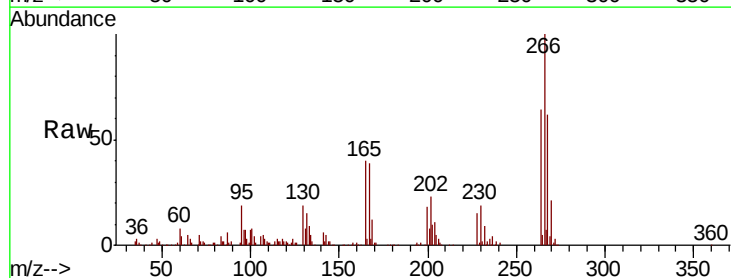
Tgt Ion:266 Resp: 160093

Ion Ratio Lower Upper

266 100

268 62.4 50.8 76.2

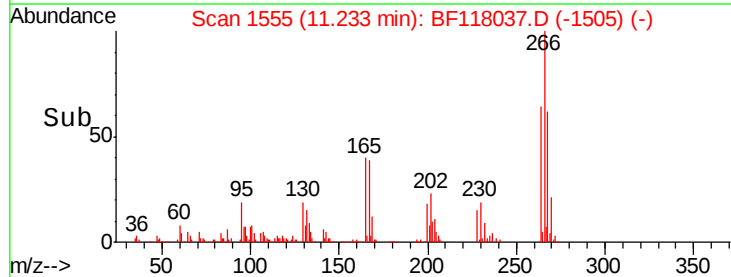
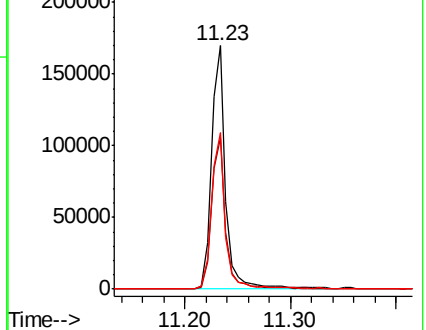
264 64.3 50.7 76.1

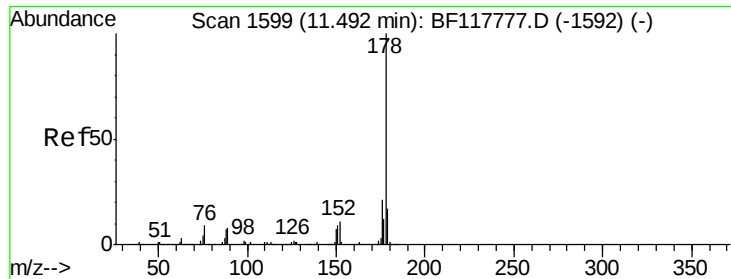


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

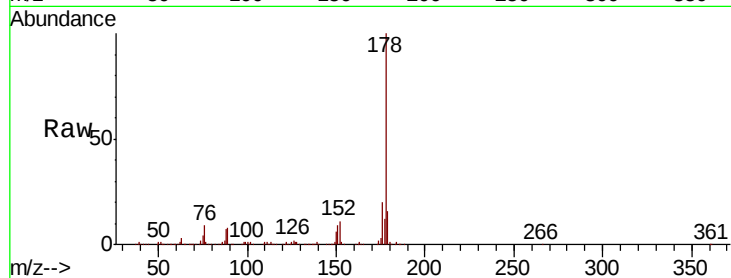




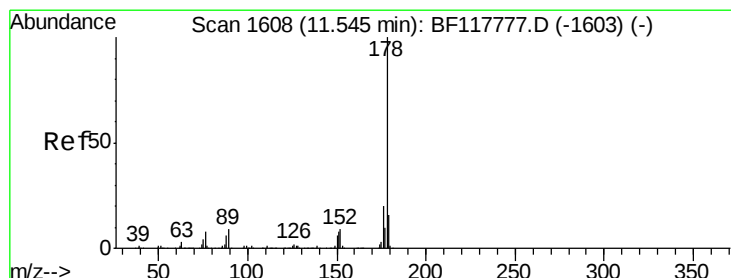
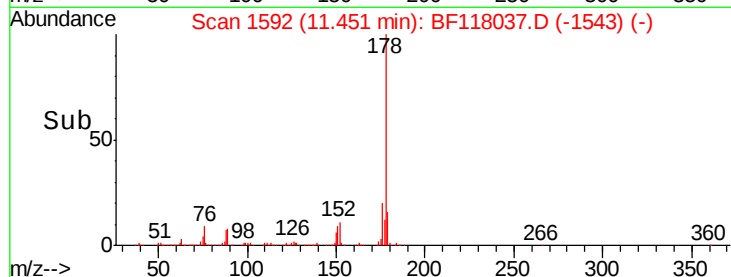
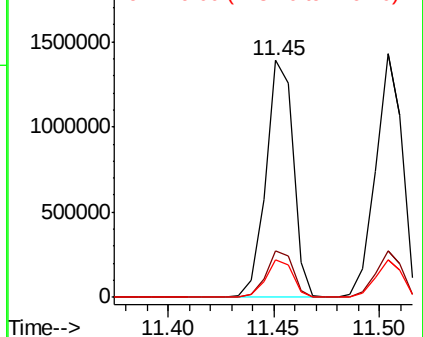
#71
Phenanthrene
Concen: 40.990 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1253405
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 15.7 13.2 19.8

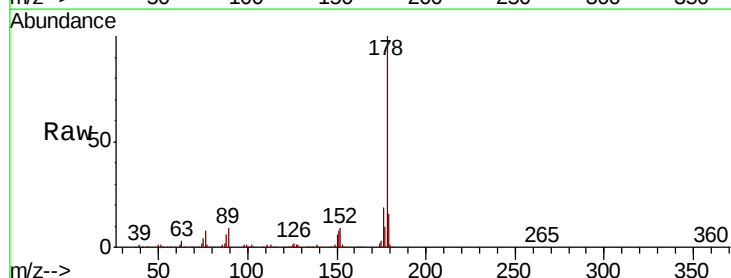


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

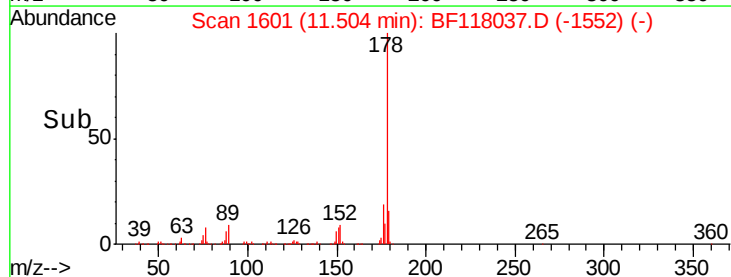
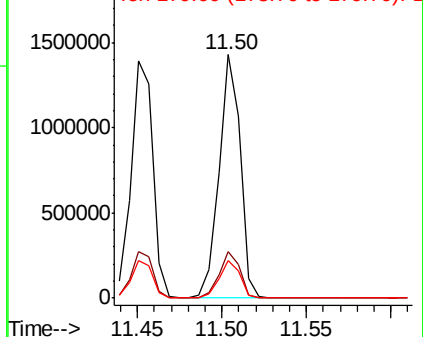


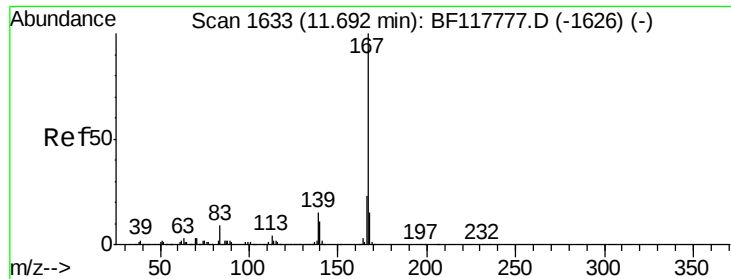
#72
Anthracene
Concen: 41.311 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:178 Resp: 1252454
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



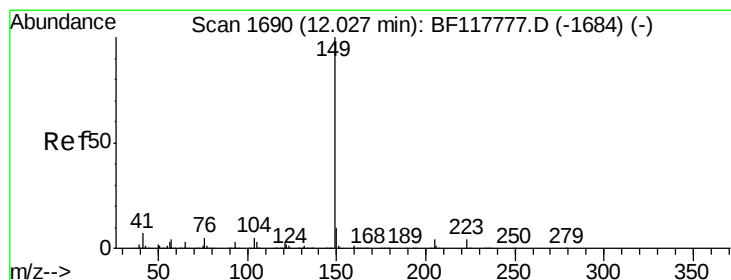
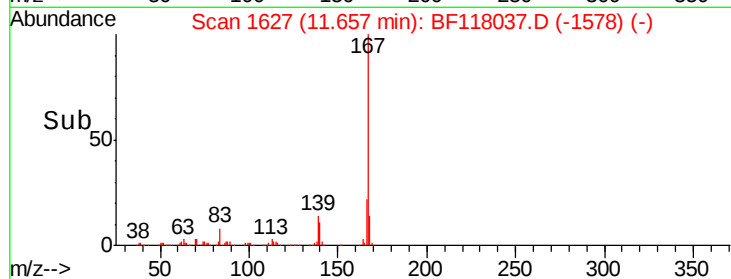
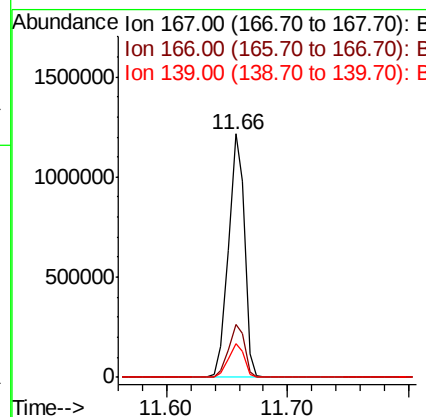
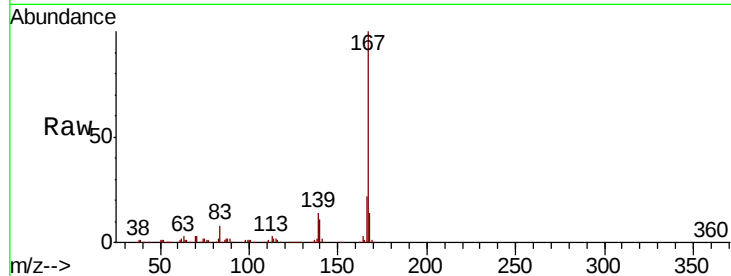


#73
 Carbazole
 Concen: 41.989 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1112423

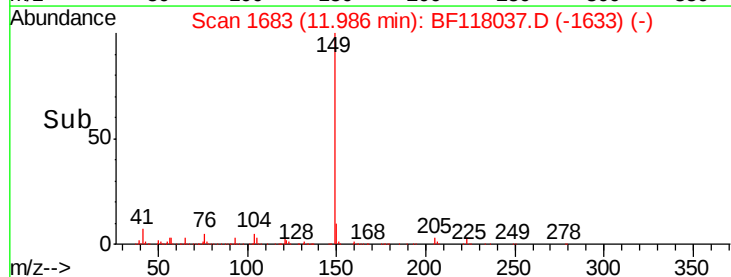
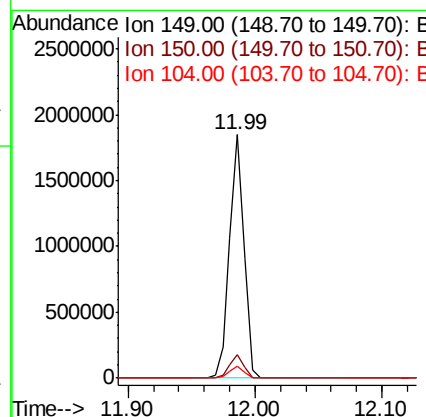
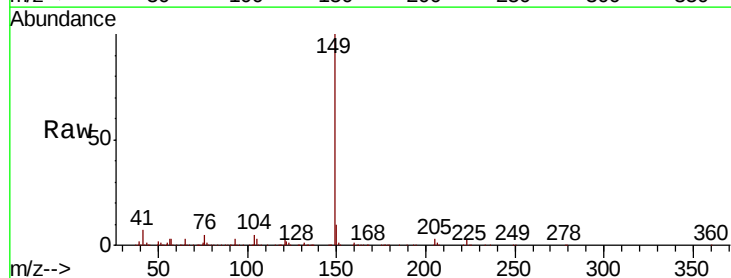
Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.0	27.0
139	13.8	11.7	17.5

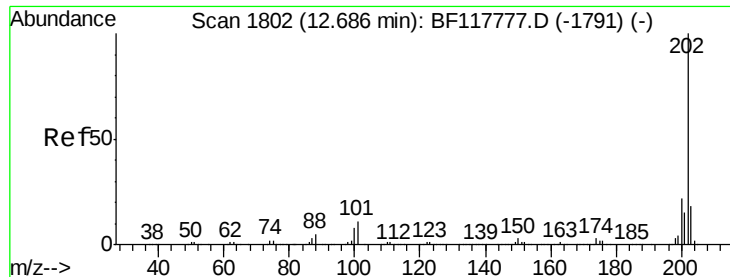


#74
 Di-n-butylphthalate
 Concen: 44.420 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:149 Resp: 1465238

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.1	4.2	6.4

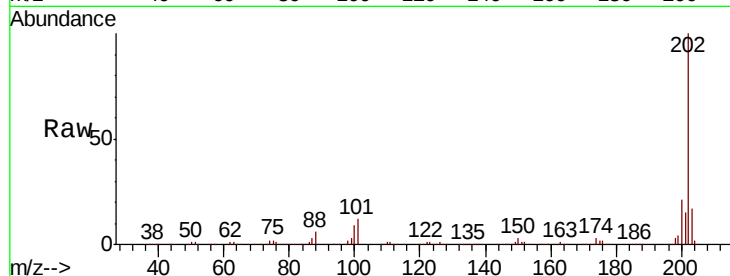




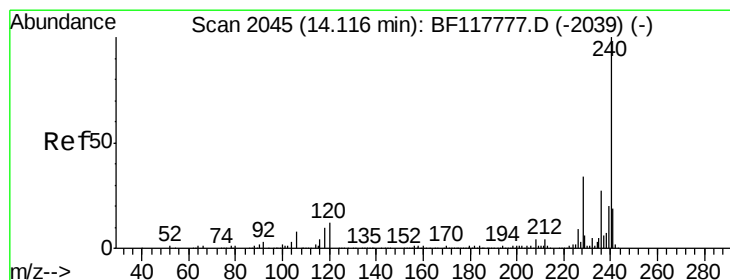
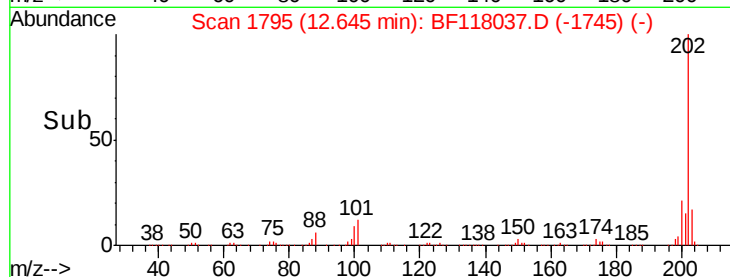
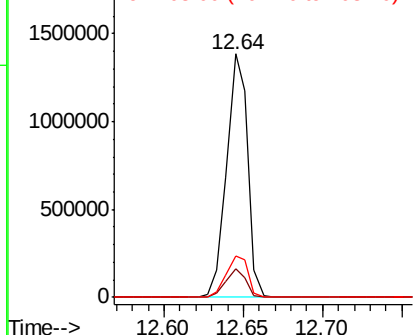
#75
 Fluoranthene
 Concen: 45.410 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1262555
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.1
 203 17.2 0.0 38.2

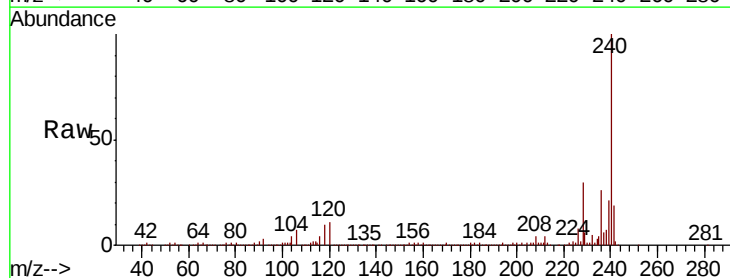


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

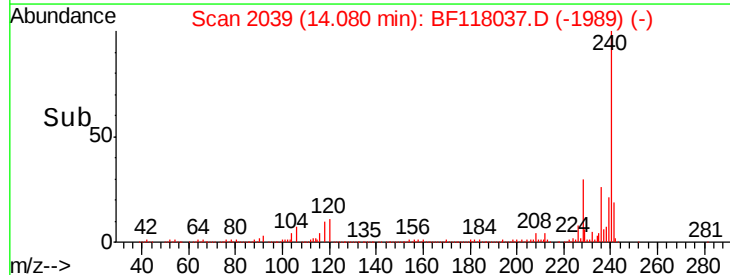
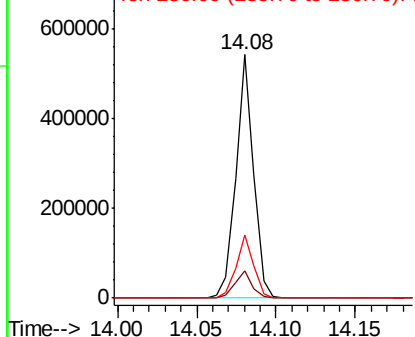


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF118037.D
 Acq: 27 Nov 2019 13:28

Tgt Ion:240 Resp: 415701
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 25.9 21.3 31.9



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





#77

Benzidine

Concen: 37.892 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

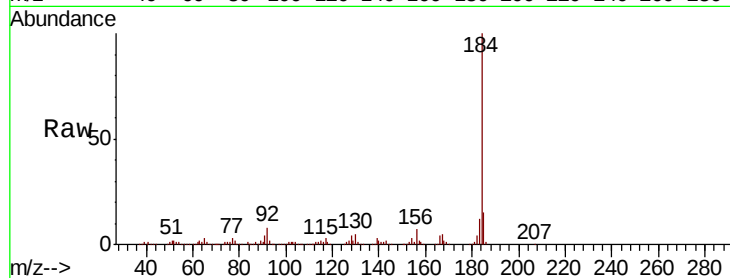
Tot Ion:184 Resp: 515959

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

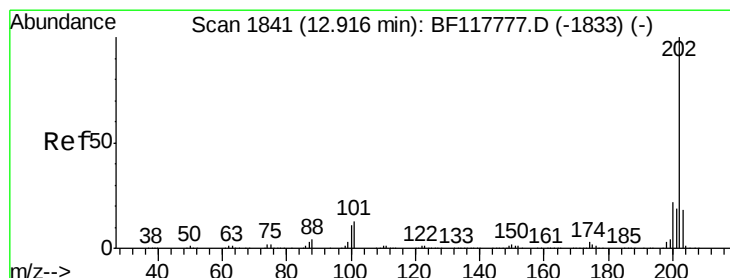
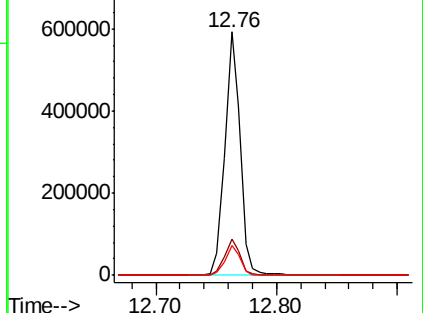
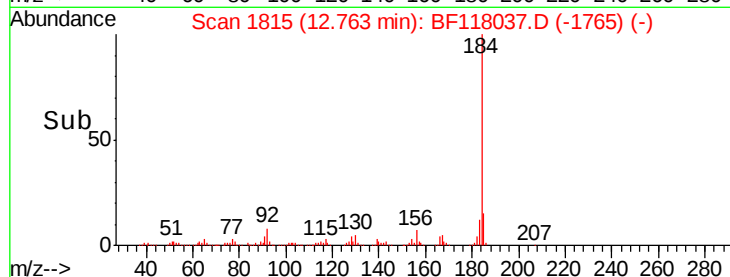
183 12.1 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.946 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

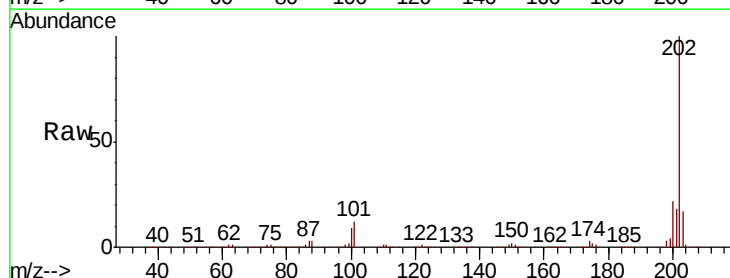
Tgt Ion:202 Resp: 1274813

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.8

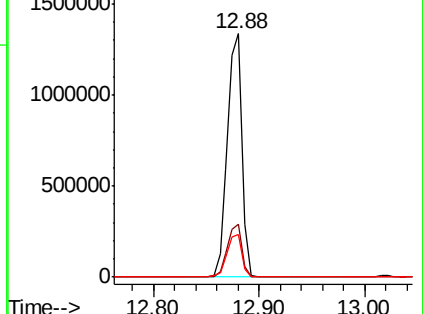
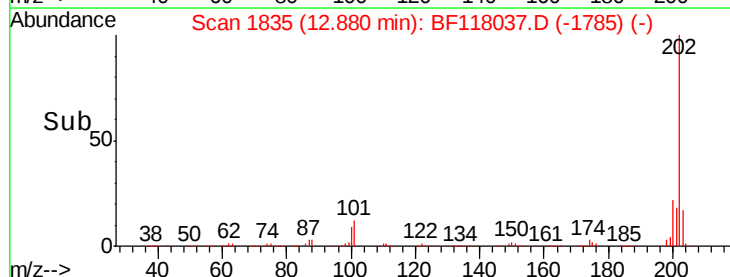
203 17.3 14.6 22.0

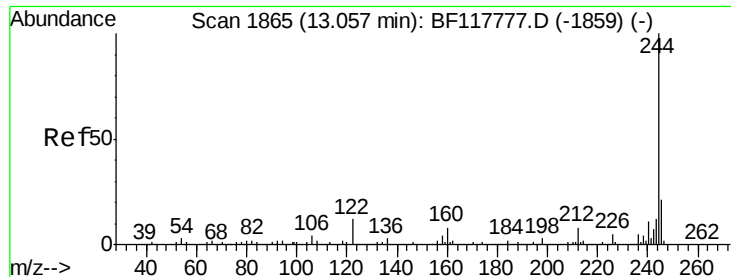


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.683 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

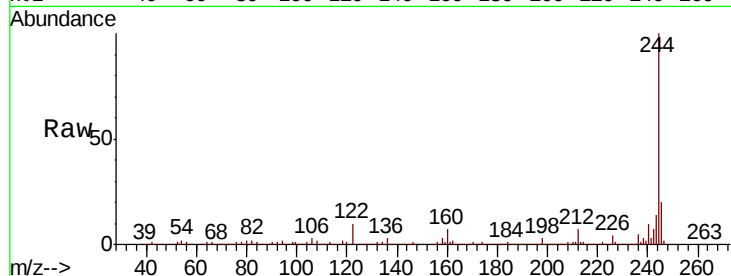
Tot Ion:244 Resp: 1903423

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

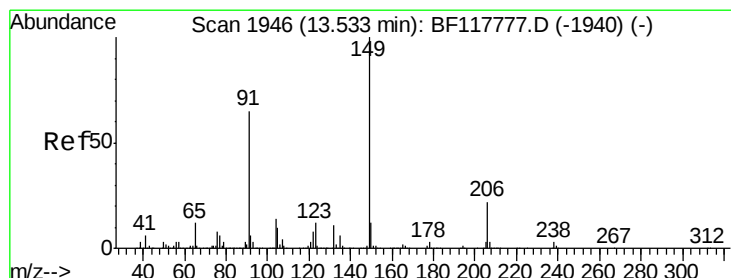
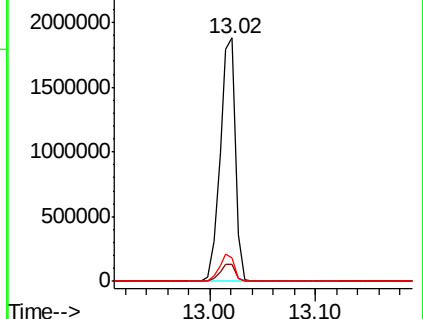
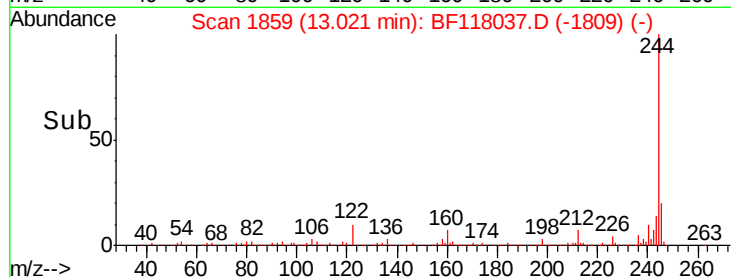
122 9.8 9.4 14.2



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: 42.189 ng

RT: 13.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

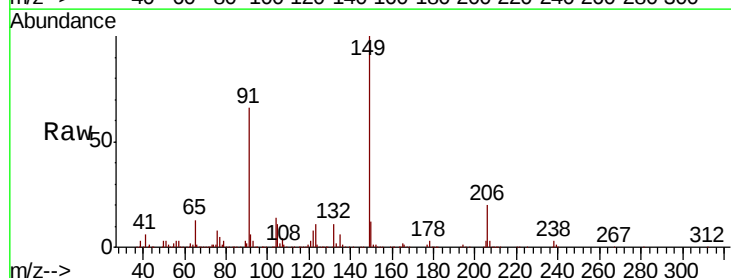
Tgt Ion:149 Resp: 608755

Ion Ratio Lower Upper

149 100

91 65.8 51.9 77.9

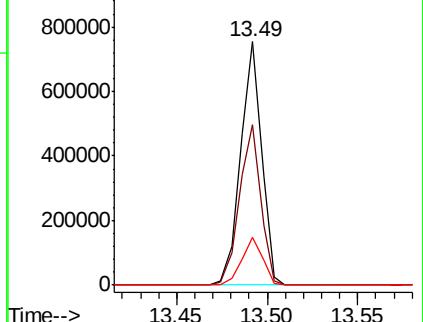
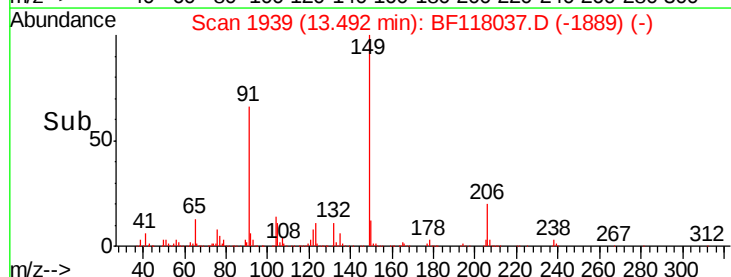
206 19.5 17.2 25.8

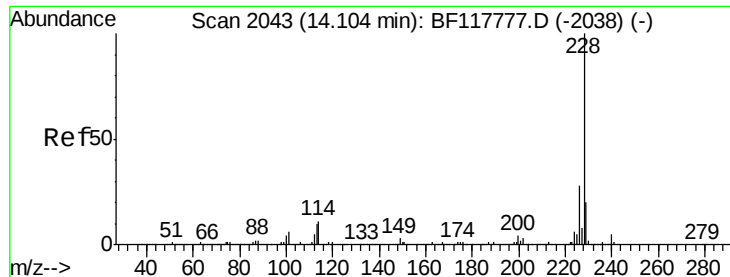


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

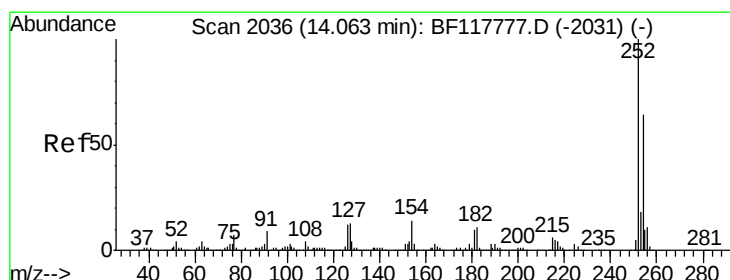
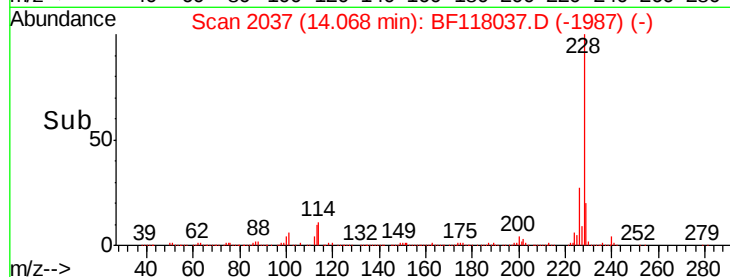
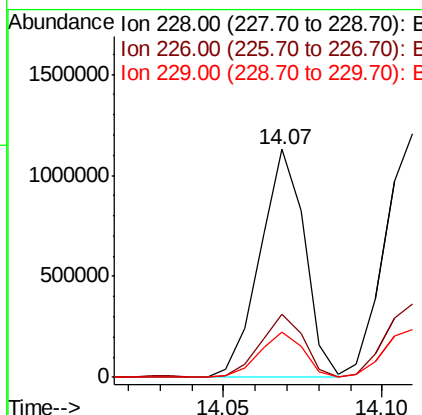
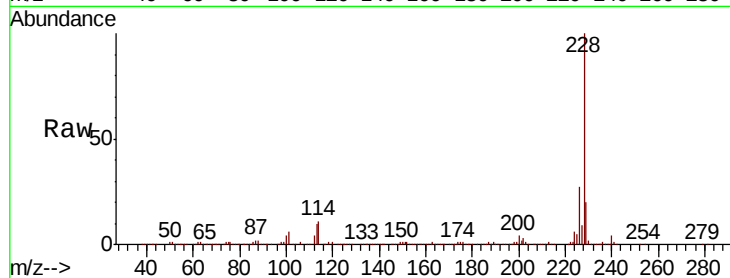




#81
Benzo(a)anthracene
Concen: 40.183 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

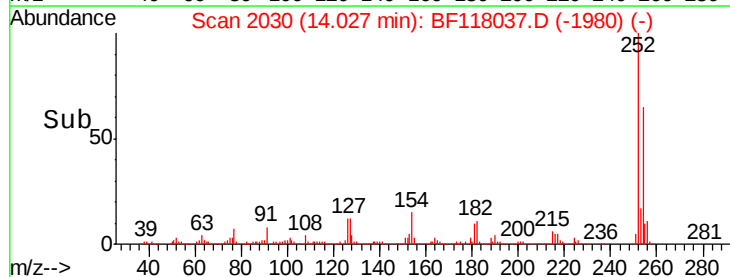
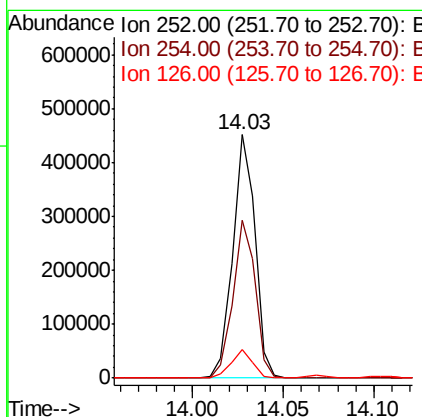
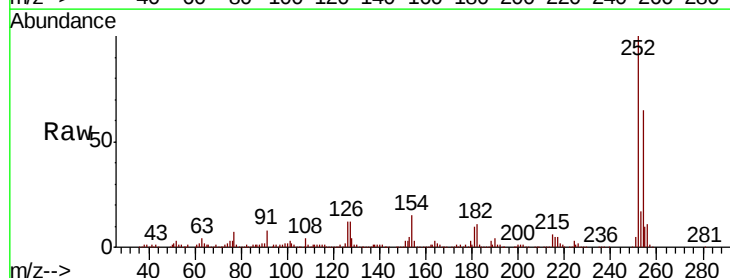
Instrument :
BNA_F
ClientSampleId :

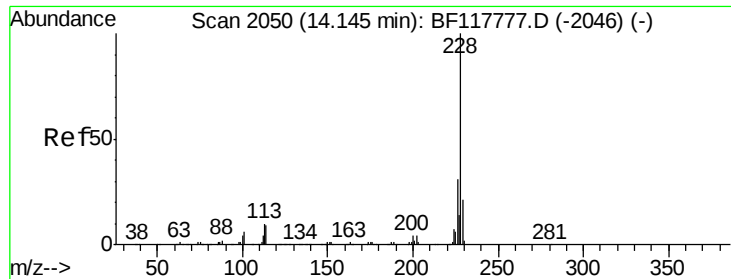
Tot Ion:228 Resp: 1103842
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 40.402 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:252 Resp: 388214
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.6
126 11.7 9.7 14.5

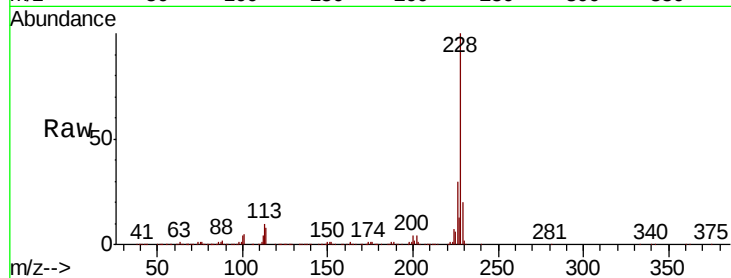




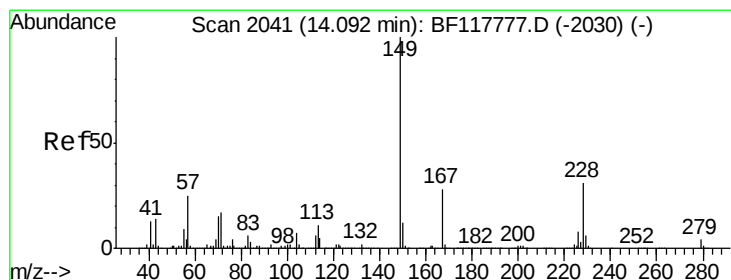
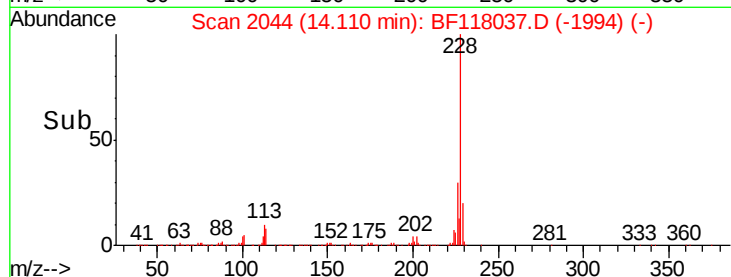
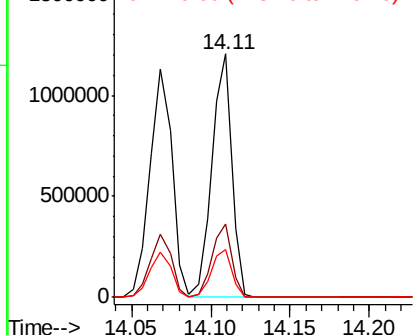
#83
Chrysene
Concen: 39.693 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1056579
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.4
229 19.9 16.6 25.0

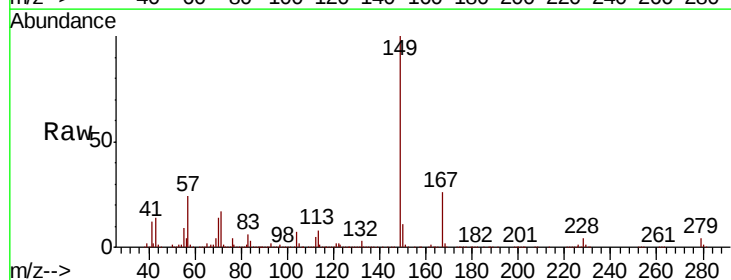


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

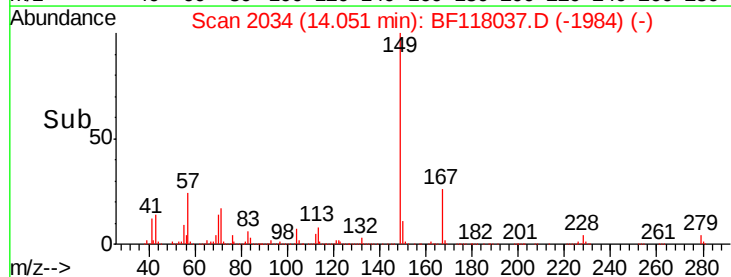
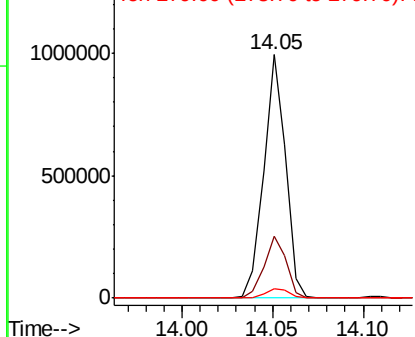


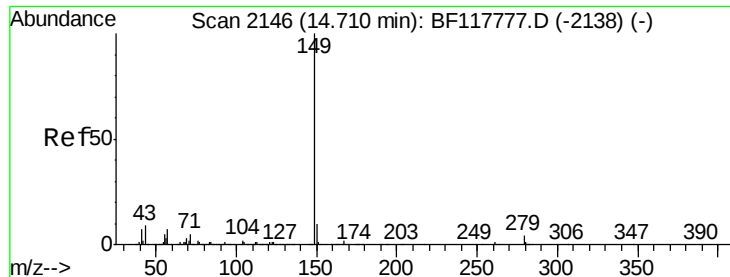
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.459 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:149 Resp: 830215
Ion Ratio Lower Upper
149 100
167 25.6 22.2 33.2
279 3.9 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.119 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

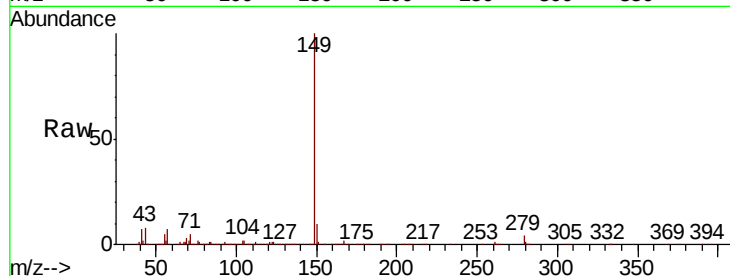
Tot Ion:149 Resp: 1288008

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

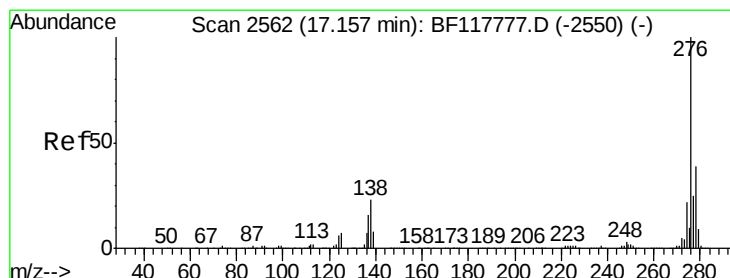
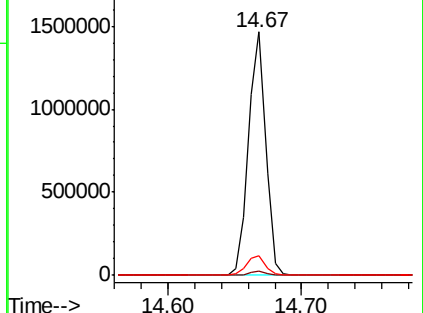
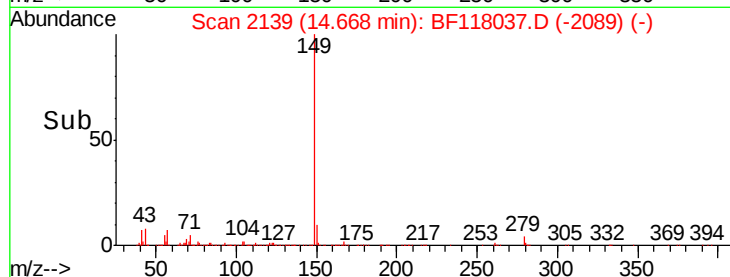
43 8.3 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.160 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

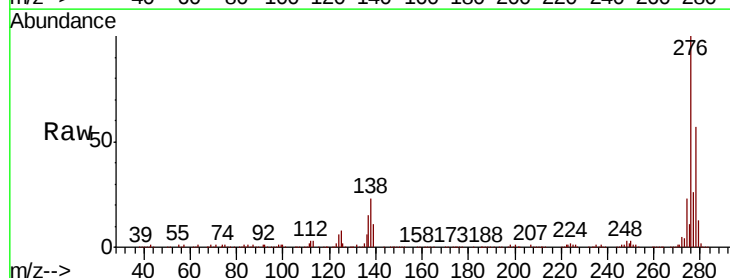
Tgt Ion:276 Resp: 841855

Ion Ratio Lower Upper

276 100

138 24.2 20.9 31.3

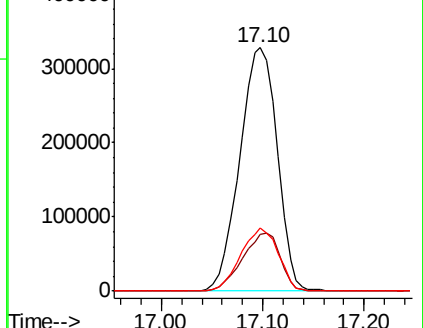
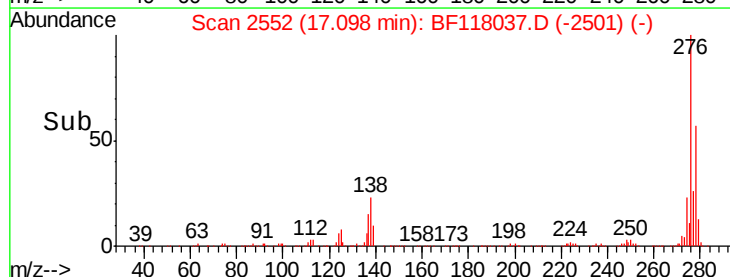
277 25.9 20.3 30.5

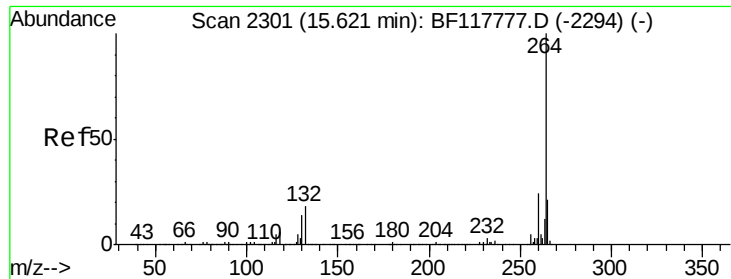


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

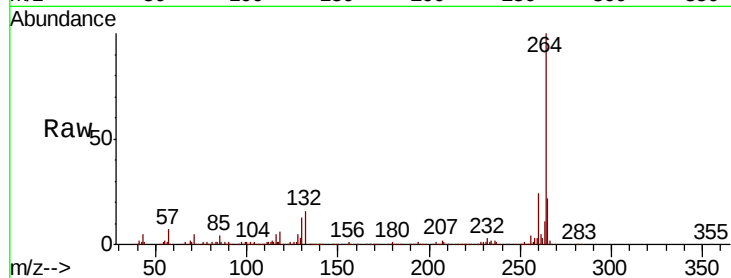
Tot Ion:264 Resp: 373716

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.1 17.1 25.7

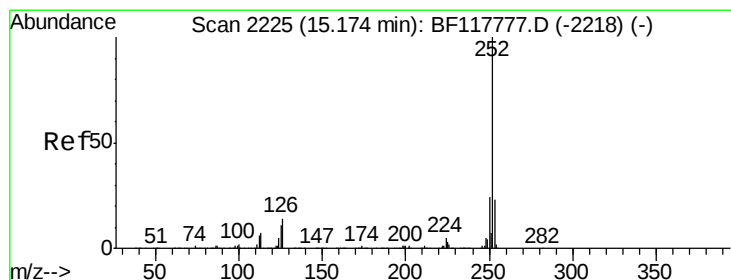
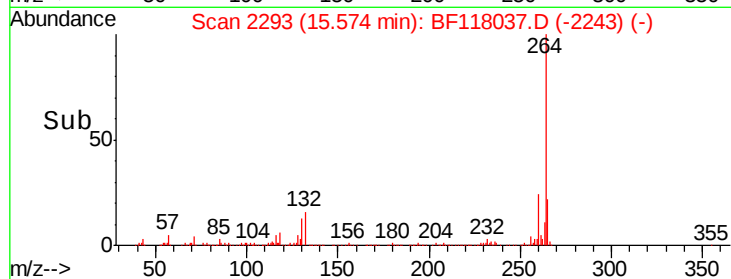
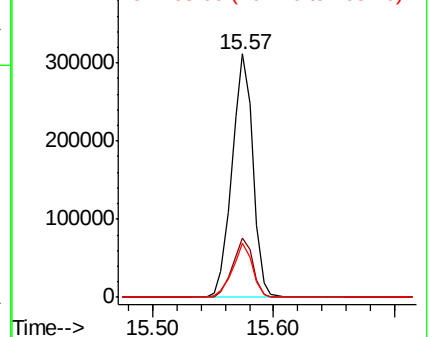


Abundance

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: 41.748 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

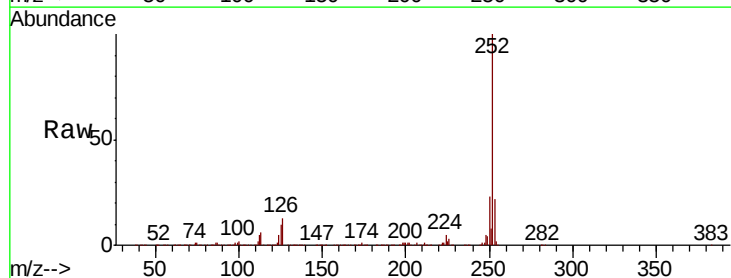
Tgt Ion:252 Resp: 1013670

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 9.7 8.6 13.0

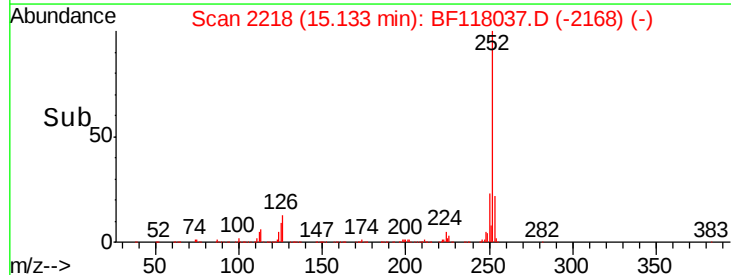
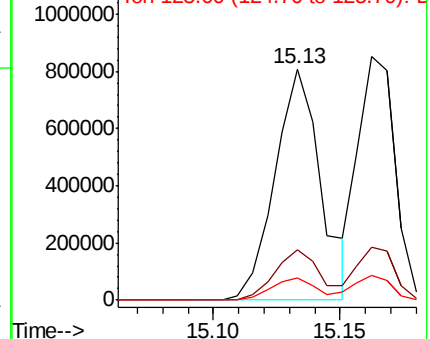


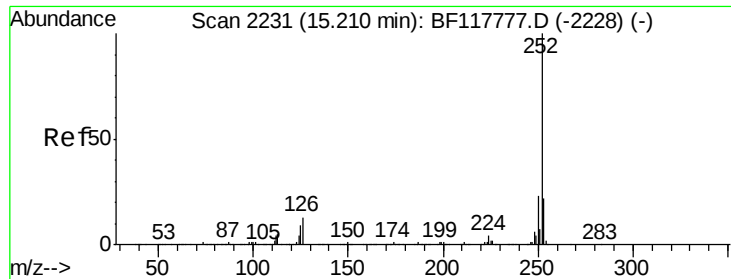
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

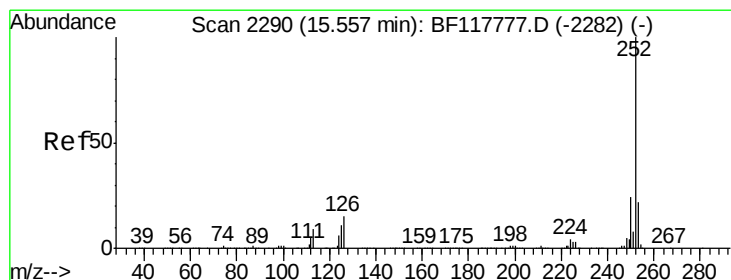
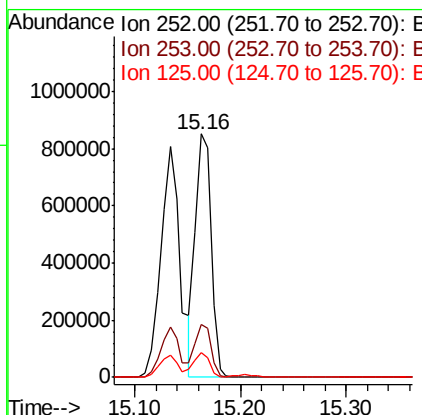
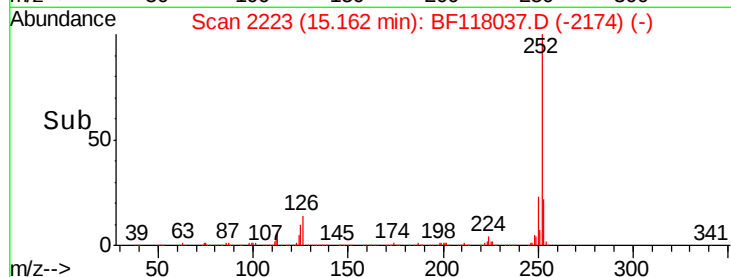
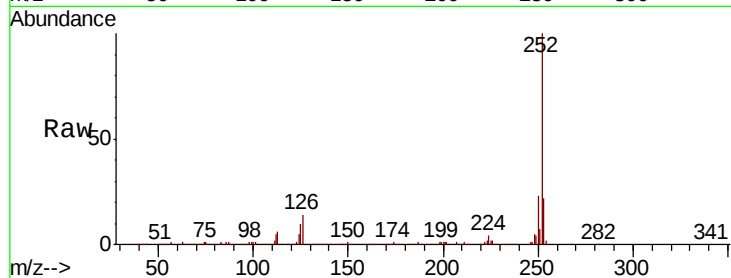




#89
Benzo(k)fluoranthene
Concen: 38.109 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

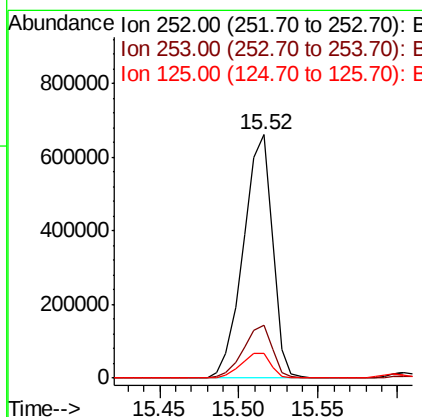
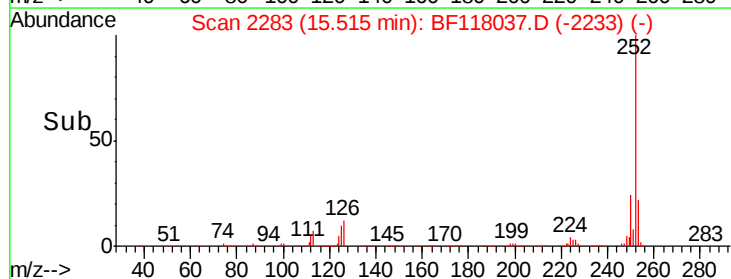
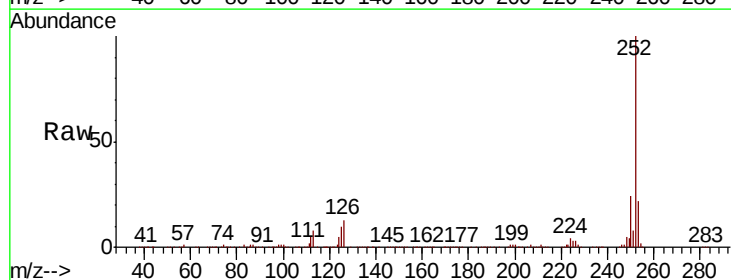
Instrument :
BNA_F
ClientSampleId :

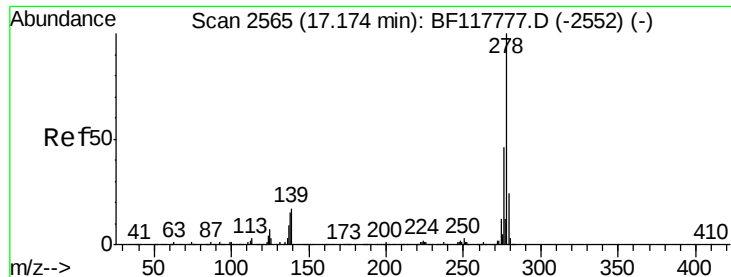
Tot Ion:252 Resp: 871847
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.3 7.9 11.9



#90
Benzo(a)pyrene
Concen: 39.589 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118037.D
Acq: 27 Nov 2019 13:28

Tgt Ion:252 Resp: 845253
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.261 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

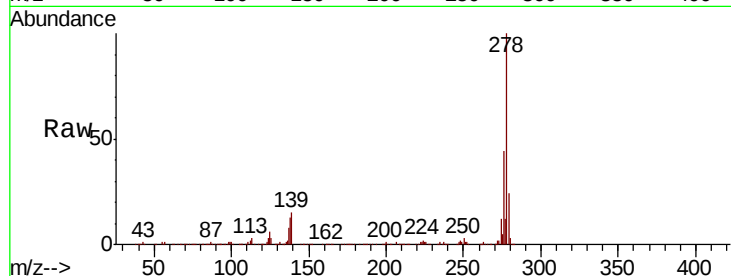
Tot Ion:278 Resp: 703119

Ion Ratio Lower Upper

278 100

139 14.8 13.8 20.8

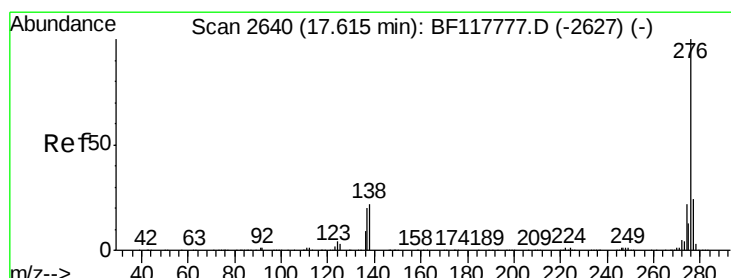
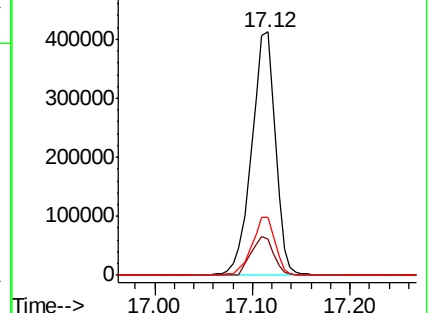
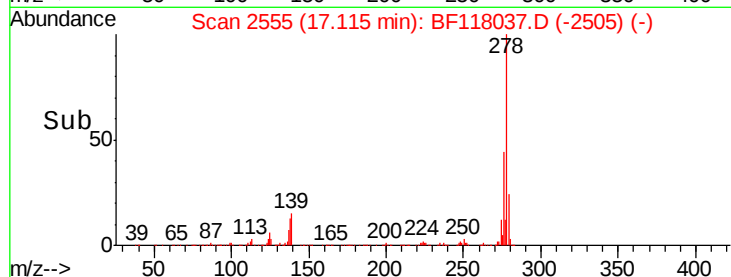
279 23.6 19.6 29.4



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: 36.161 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.00 min

Lab File: BF118037.D

Acq: 27 Nov 2019 13:28

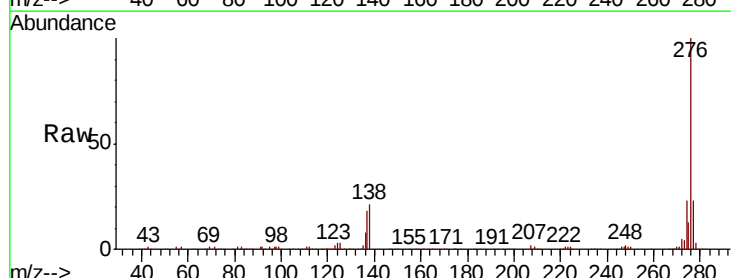
Tgt Ion:276 Resp: 661895

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 21.3 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

