

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117777.D
 Acq On : 13 Nov 2019 15:57
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 16:44:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 16:36:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	283644	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1093815	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	567010	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1058015	20.00	ng	0.00
76) Chrysene-d12	14.12	240	625325	20.00	ng	0.00
87) Perylene-d12	15.62	264	516220	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1224139	78.12	ng	0.00
7) Phenol-d6	6.55	99	1471533	76.16	ng	0.00
23) Nitrobenzene-d5	7.49	82	1433959	77.40	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	459625	82.87	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2601307	90.52	ng	0.00
79) Terphenyl-d14	13.06	244	2642558	86.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	293636	37.609	ng	100
3) Pyridine	3.49	79	768589	35.788	ng	100
4) n-Nitrosodimethylamine	3.44	42	334669	35.362	ng	100
6) Aniline	6.59	93	1006960	37.136	ng	100
8) 2-Chlorophenol	6.71	128	686131	39.361	ng	100
9) Benzaldehyde	6.47	77	502926	37.410	ng	100
10) Phenol	6.56	94	782184	37.570	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	632977	36.819	ng	100
12) 1,3-Dichlorobenzene	6.87	146	806350	39.906	ng	100
13) 1,4-Dichlorobenzene	6.95	146	817163	40.400	ng	100
14) 1,2-Dichlorobenzene	7.10	146	765556	41.107	ng	100
15) Benzyl Alcohol	7.06	79	591951	38.425	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1011491	37.212	ng	100
17) 2-Methylphenol	7.17	107	582018	38.876	ng	100
18) Hexachloroethane	7.45	117	301948	40.386	ng	100
19) n-Nitroso-di-n-propylamine	7.34	70	464485	36.562	ng	100
20) 3+4-Methylphenols	7.32	107	713822	40.042	ng	100
22) Acetophenone	7.33	105	944178	37.768	ng	100
24) Nitrobenzene	7.51	77	742061	38.357	ng	100
25) Isophorone	7.75	82	1281571	36.167	ng	100
26) 2-Nitrophenol	7.83	139	362093	40.316	ng	100
27) 2,4-Dimethylphenol	7.86	122	560900	37.037	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	819625	36.033	ng	100
29) 2,4-Dichlorophenol	8.06	162	603545	38.683	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	702057	39.306	ng	100
31) Naphthalene	8.23	128	1991639	39.836	ng	100
32) Benzoic acid	7.97	122	461287	38.479	ng	100
33) 4-Chloroaniline	8.28	127	880908	37.919	ng	100
34) Hexachlorobutadiene	8.35	225	412842	40.362	ng	100
35) Caprolactam	8.65	113	188541	36.459	ng	100
36) 4-Chloro-3-methylphenol	8.76	107	604393	38.388	ng	100
37) 2-Methylnaphthalene	8.93	142	1341362	39.409	ng	100
38) 1-Methylnaphthalene	9.03	142	1263492	39.090	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	635282	40.954	ng	100

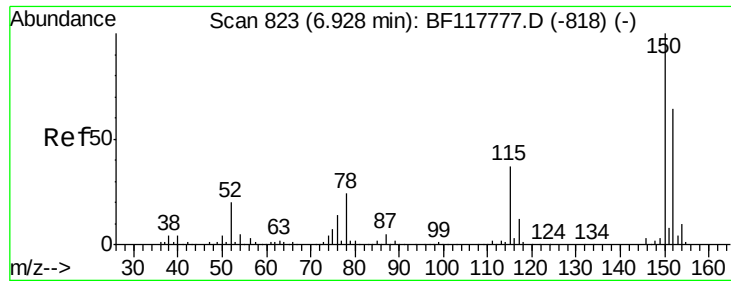
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117777.D
 Acq On : 13 Nov 2019 15:57
 Operator : JU
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 QLast Update : Wed Nov 13 16:36:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	356925	42.651	ng	100
43) 2,4,6-Trichlorophenol	9.20	196	458109	40.549	ng	100
44) 2,4,5-Trichlorophenol	9.24	196	476995	41.653	ng	100
46) 1,1'-Biphenyl	9.39	154	1653285	41.633	ng	100
47) 2-Chloronaphthalene	9.42	162	1341396	40.704	ng	100
48) 2-Nitroaniline	9.51	65	407109	39.421	ng	100
49) Acenaphthylene	9.84	152	1970203	41.052	ng	100
50) Dimethylphthalate	9.69	163	1530700	39.933	ng	100
51) 2,6-Dinitrotoluene	9.75	165	339497	39.553	ng	100
52) Acenaphthene	10.01	154	1244103	40.173	ng	100
53) 3-Nitroaniline	9.92	138	405270	39.136	ng	100
54) 2,4-Dinitrophenol	10.03	184	144519	49.112	ng	100
55) Dibenzofuran	10.18	168	1740404	40.162	ng	100
56) 4-Nitrophenol	10.07	139	303520	38.974	ng	100
57) 2,4-Dinitrotoluene	10.16	165	425070	38.605	ng	100
58) Fluorene	10.53	166	1299010	40.673	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	389252	40.890	ng	100
60) Diethylphthalate	10.39	149	1510371	40.066	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	682936	41.077	ng	100
62) 4-Nitroaniline	10.54	138	387425	38.012	ng	100
63) Azobenzene	10.67	77	1367356	38.296	ng	100
65) 4,6-Dinitro-2-methylphenol	10.57	198	189915	44.953	ng	100
66) n-Nitrosodiphenylamine	10.63	169	1195119	38.246	ng	100
67) 4-Bromophenyl-phenylether	11.01	248	444529	38.472	ng	100
68) Hexachlorobenzene	11.07	284	520741	39.012	ng	100
69) Atrazine	11.16	200	392145	38.082	ng	100
70) Pentachlorophenol	11.26	266	302794	40.579	ng	100
71) Phenanthrene	11.49	178	2008248	39.601	ng	100
72) Anthracene	11.55	178	1983688	39.317	ng	100
73) Carbazole	11.69	167	1784751	38.696	ng	100
74) Di-n-butylphthalate	12.03	149	2151887	38.369	ng	100
75) Fluoranthene	12.69	202	1981333	38.263	ng	100
77) Benzidine	12.80	184	821291	37.777	ng	100
78) Pyrene	12.92	202	1959311	42.922	ng	100
80) Butylbenzylphthalate	13.53	149	825173	39.136	ng	100
81) Benzo(a)anthracene	14.10	228	1587881	40.794	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	563277	38.747	ng	100
83) Chrysene	14.14	228	1506724	39.198	ng	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	981710	36.094	ng	100
85) Di-n-octyl phthalate	14.71	149	1429989	33.411	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1175261	32.849	ng	100
88) Benzo(b)fluoranthene	15.17	252	1329736	40.900	ng	100
89) Benzo(k)fluoranthene	15.21	252	1195736	41.236	ng	100
90) Benzo(a)pyrene	15.56	252	1144416	40.605	ng	100
91) Dibenzo(a,h)anthracene	17.17	278	951367	37.637	ng	100
92) Benzo(g,h,i)perylene	17.62	276	938191	38.298	ng	100

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

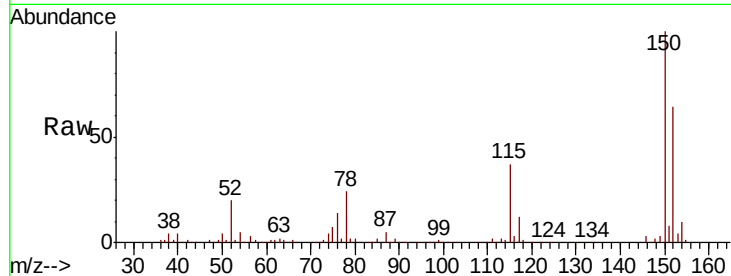


#1

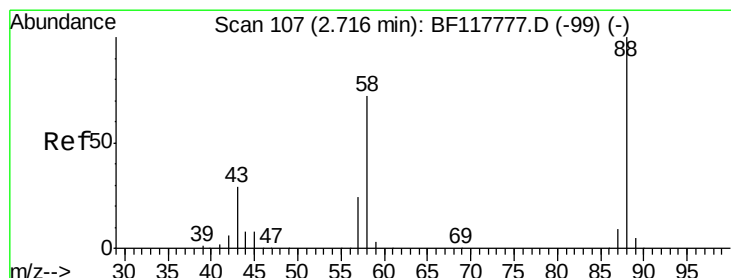
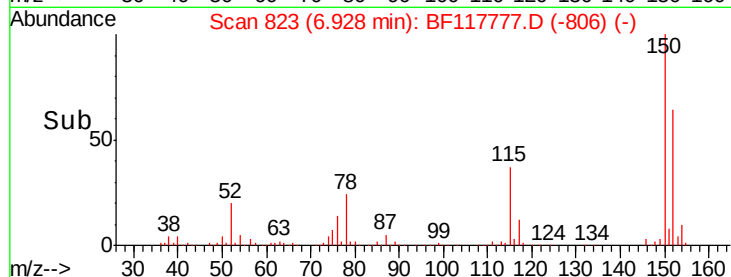
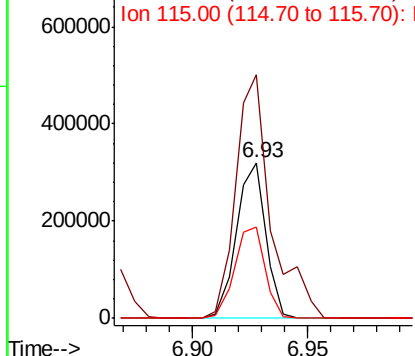
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 283644
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 58.7 47.0 70.4



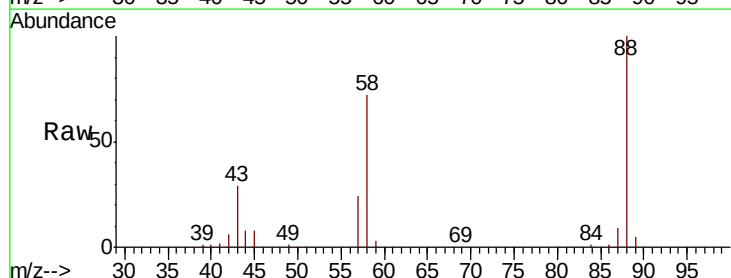
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



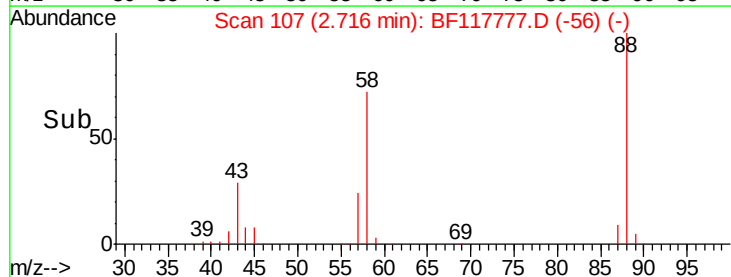
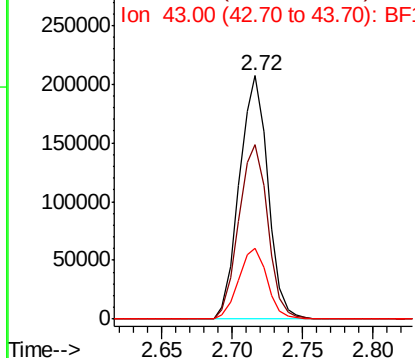
#2

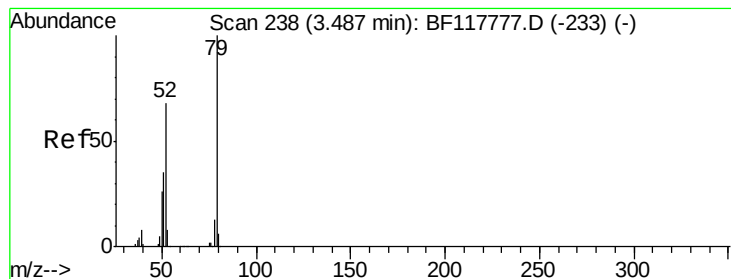
1,4-Dioxane
Concen: 37.609 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion: 88 Resp: 293636
Ion Ratio Lower Upper
88 100
58 72.7 58.2 87.2
43 29.1 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: 35.788 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

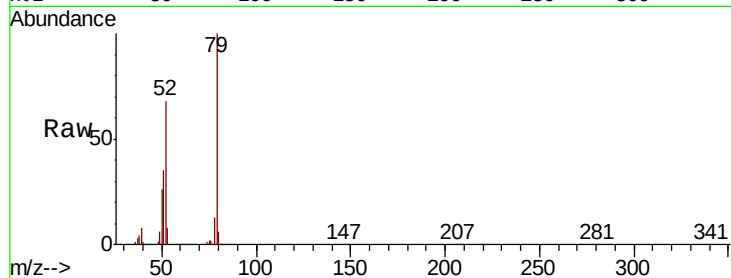
Tot Ion: 79 Resp: 768589

Ion Ratio Lower Upper

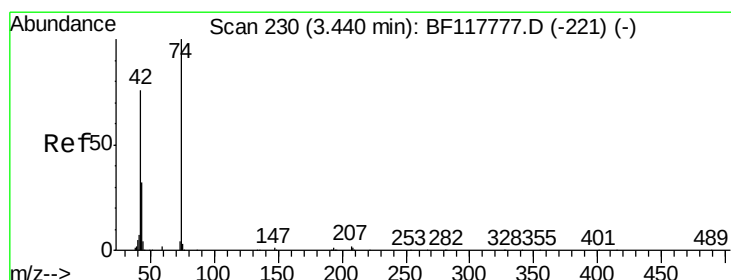
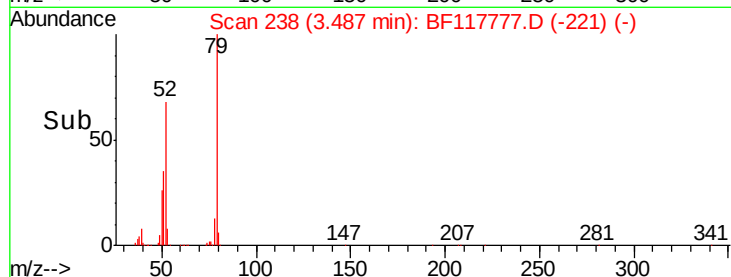
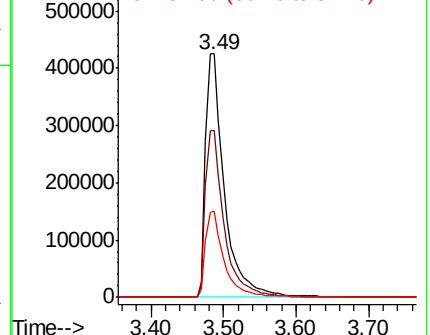
79 100

52 68.5 54.8 82.2

51 35.3 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: 35.362 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

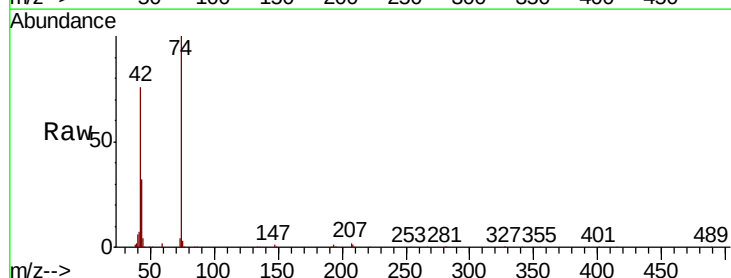
Tgt Ion: 42 Resp: 334669

Ion Ratio Lower Upper

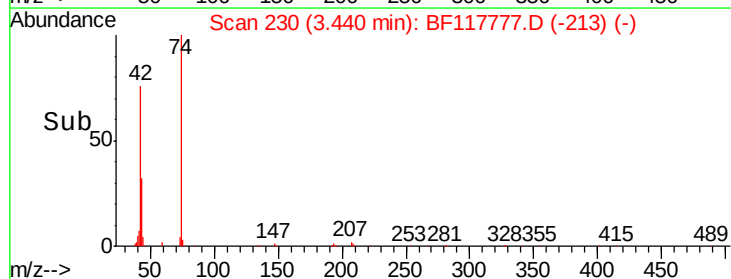
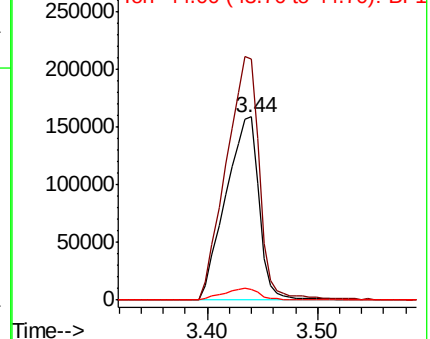
42 100

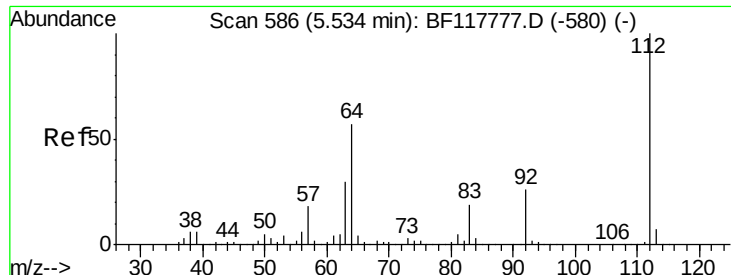
74 131.4 105.1 157.7

44 5.8 4.6 7.0



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





#5

2-Fluorophenol

Concen: 78.122 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

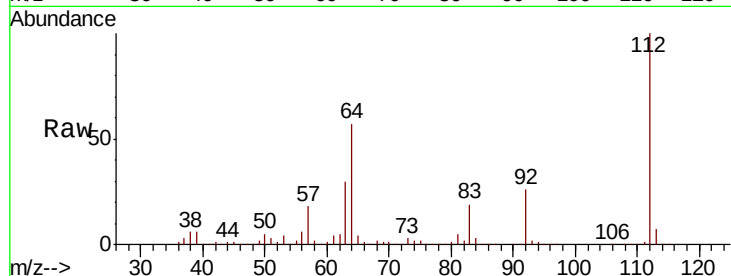
Tot Ion:112 Resp: 1224139

Ion Ratio Lower Upper

112 100

64 57.0 45.6 68.4

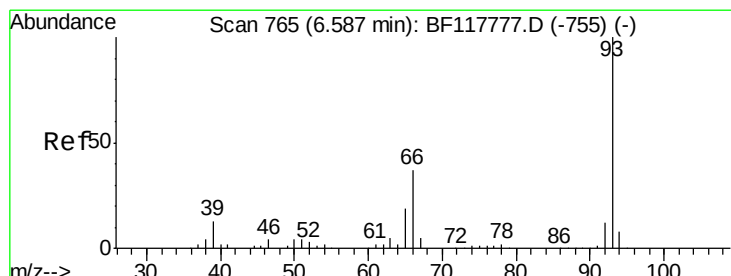
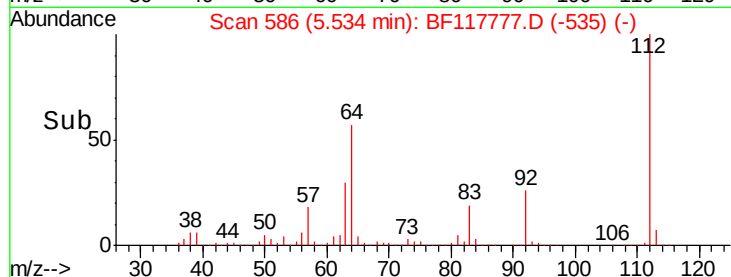
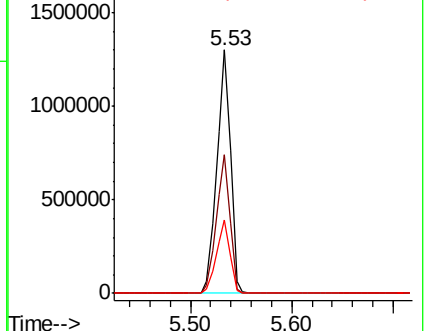
63 30.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.136 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

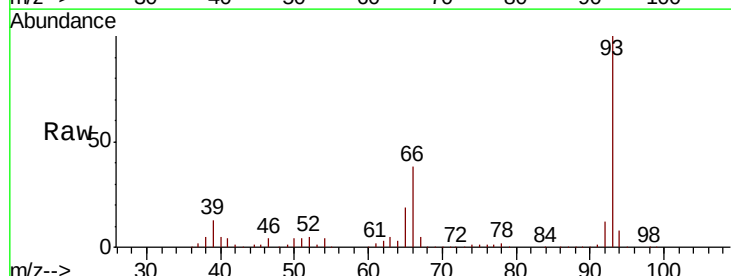
Tgt Ion: 93 Resp: 1006960

Ion Ratio Lower Upper

93 100

66 38.2 30.6 45.8

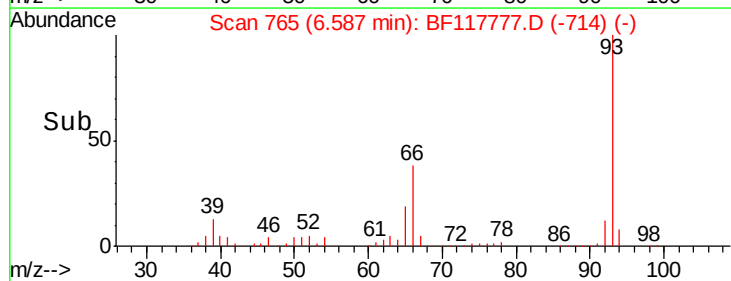
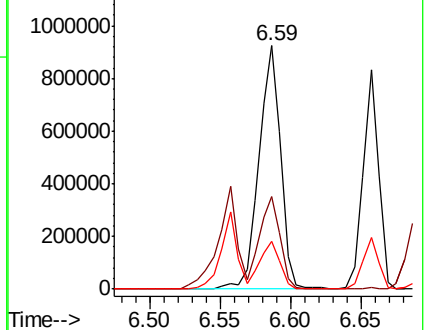
65 19.5 15.6 23.4

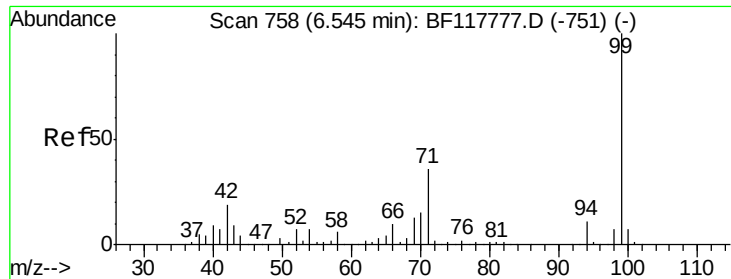


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.162 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

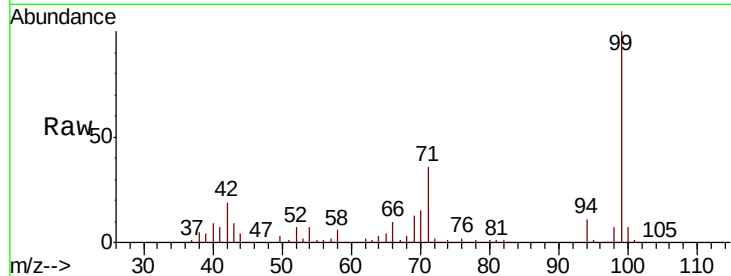
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1471533

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	35.8	28.6	43.0

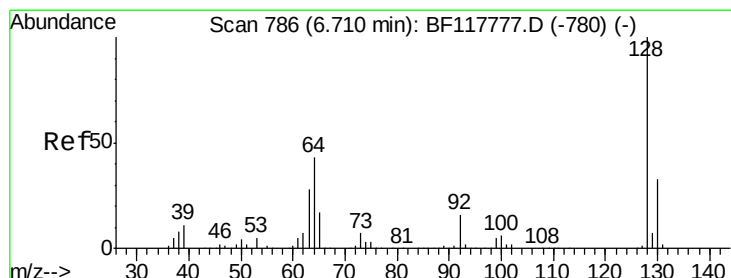
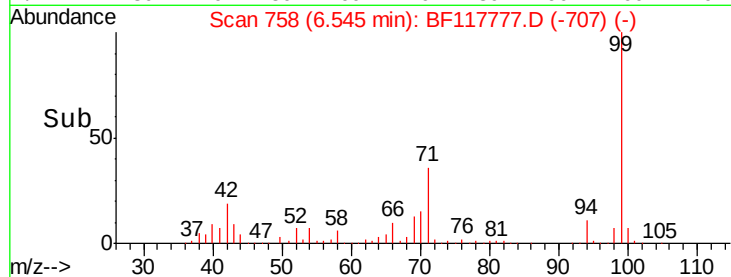
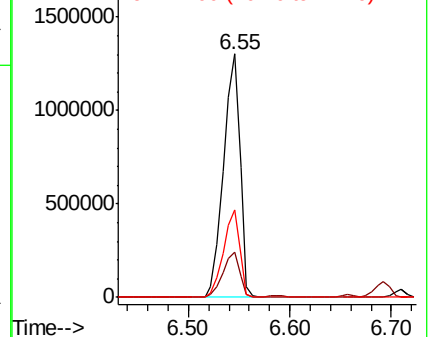


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.361 ng

RT: 6.71 min Scan# 786

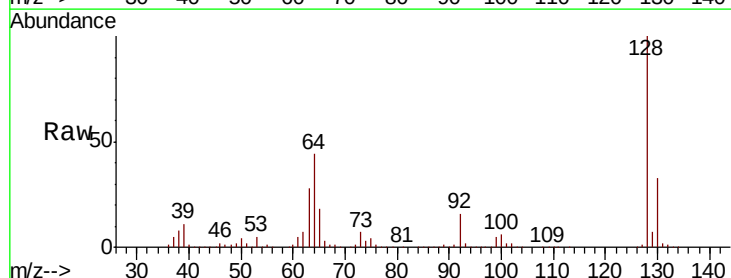
Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Tgt Ion: 128 Resp: 686131

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.2	53.2
64	43.7	23.7	63.7

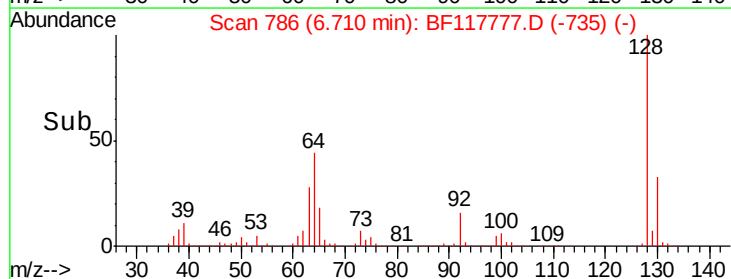
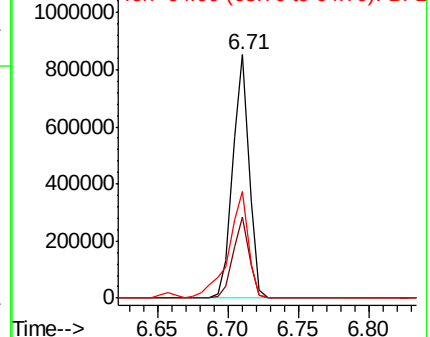


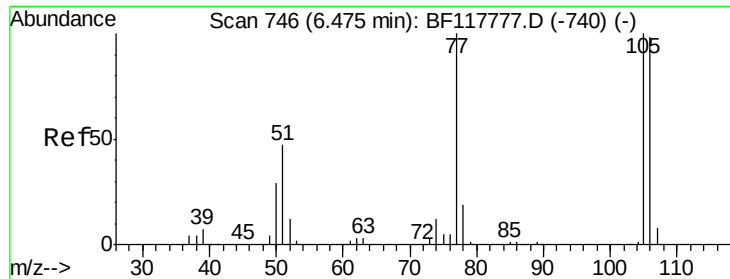
Abundance

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: 37.410 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

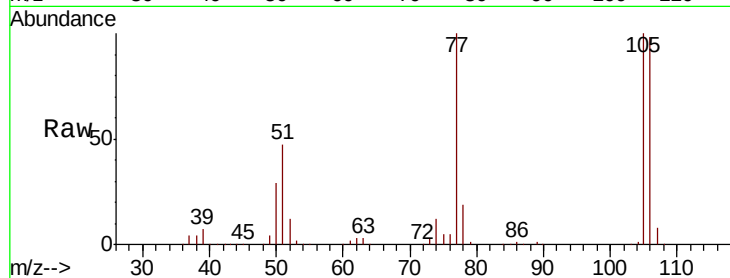
Tot Ion: 77 Resp: 502926

Ion Ratio Lower Upper

77 100

105 100.2 80.2 120.2

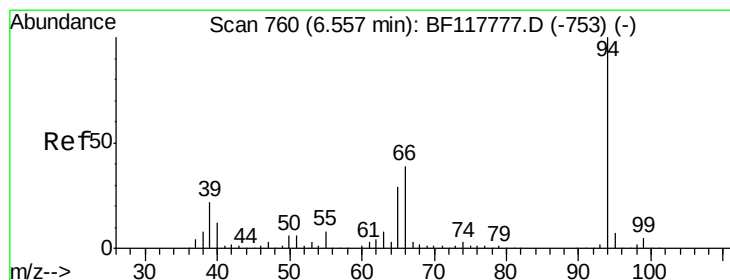
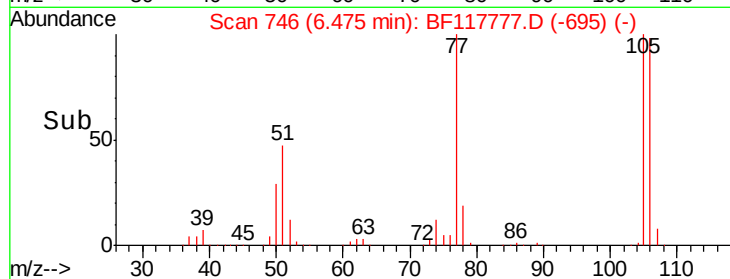
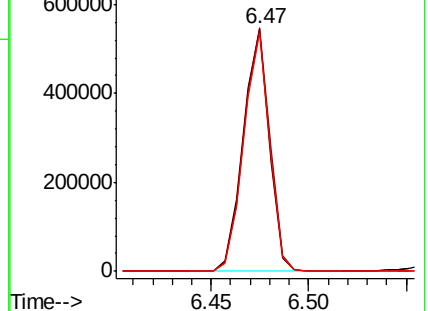
106 98.4 78.4 118.4



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: 37.570 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

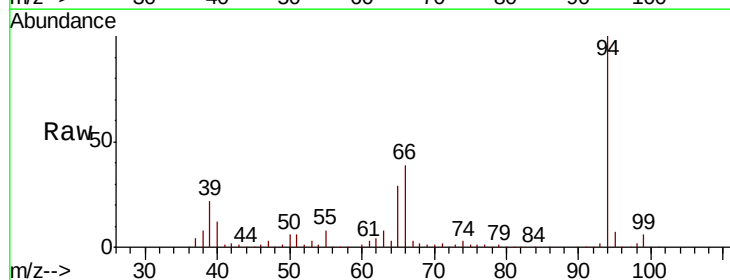
Tgt Ion: 94 Resp: 782184

Ion Ratio Lower Upper

94 100

65 28.9 8.9 48.9

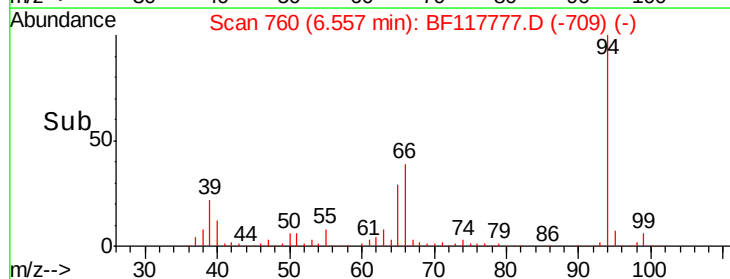
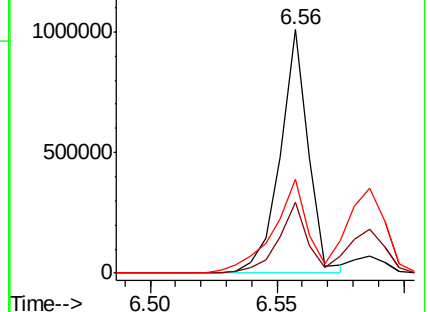
66 38.7 18.7 58.7

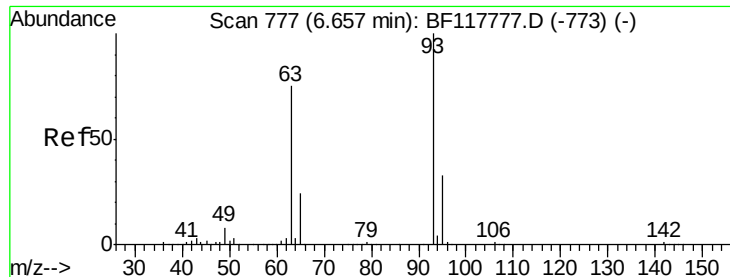


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

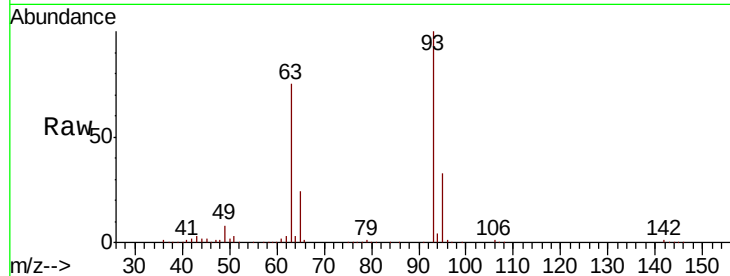




#11
bis(2-Chloroethyl)ether
Concen: 36.819 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	54.8	94.8
95	32.7	12.7	52.7

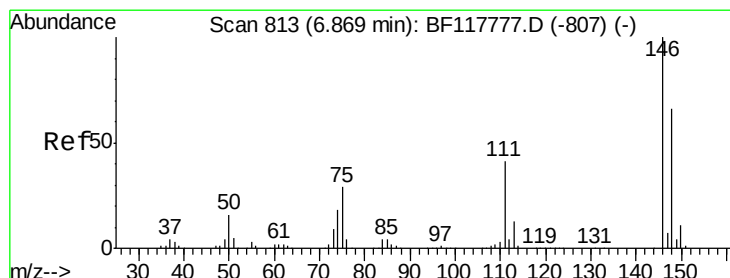
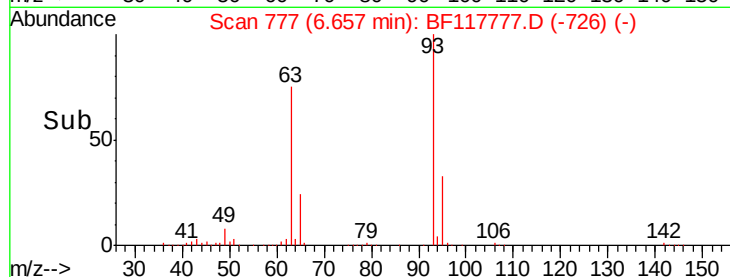
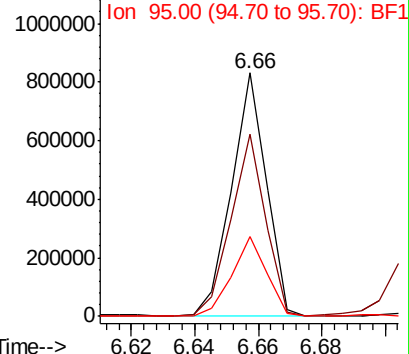


Abundance

Ion 93.00 (92.70 to 93.70): BF1

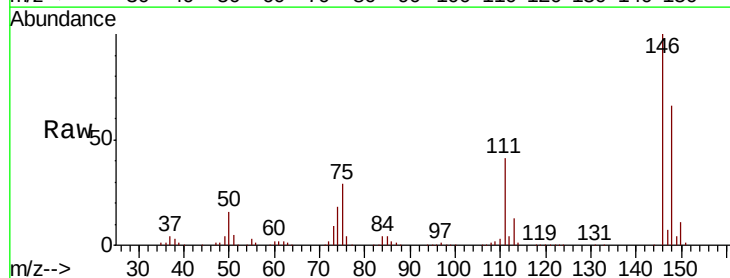
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 39.906 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.8	79.2
75	29.2	23.4	35.0

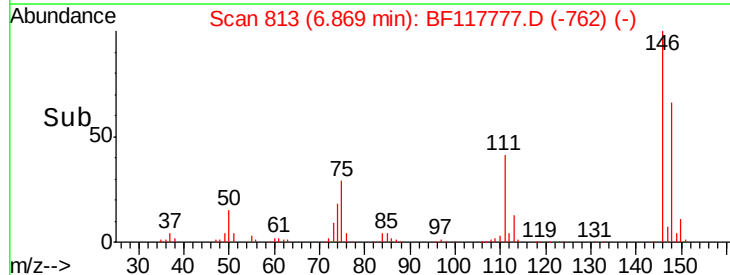
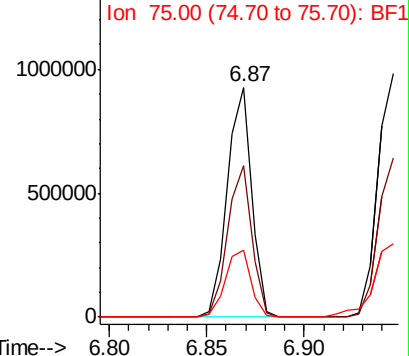


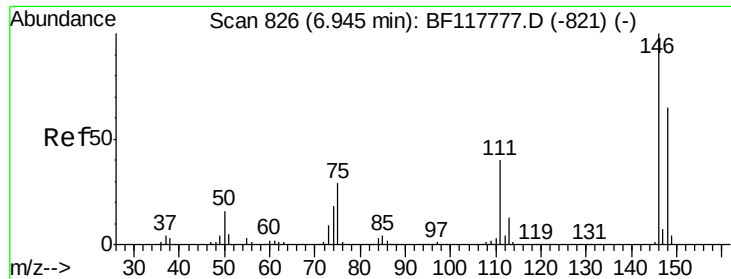
Abundance

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

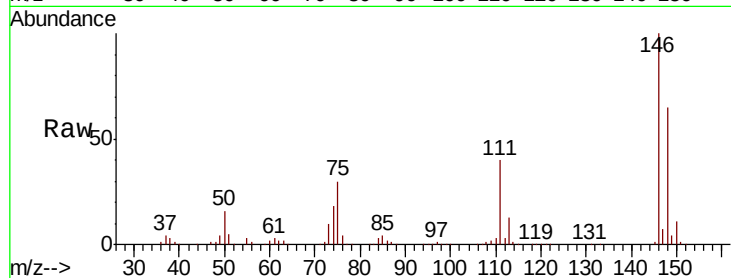




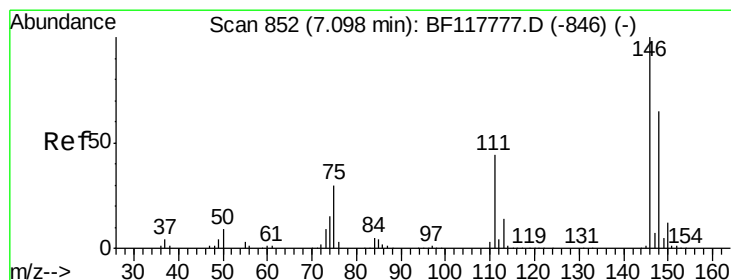
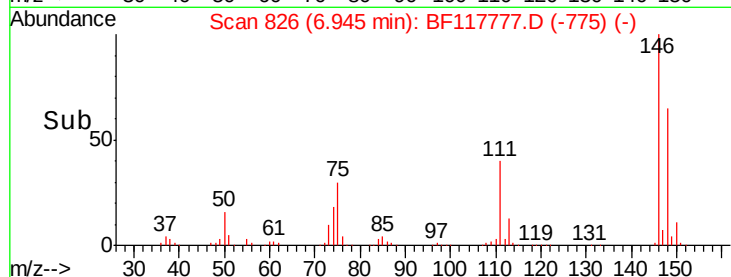
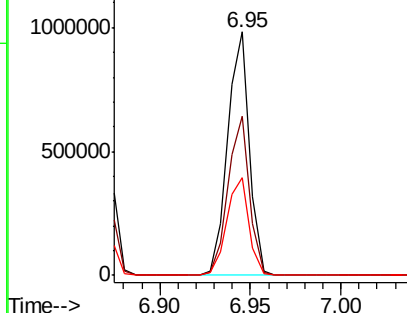
#13
 1,4-Dichlorobenzene
 Concen: 40.400 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	40.3	32.2	48.4

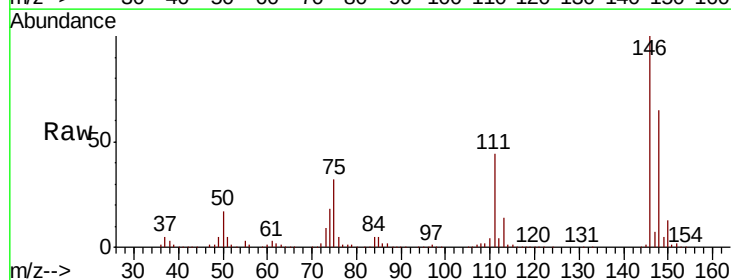


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

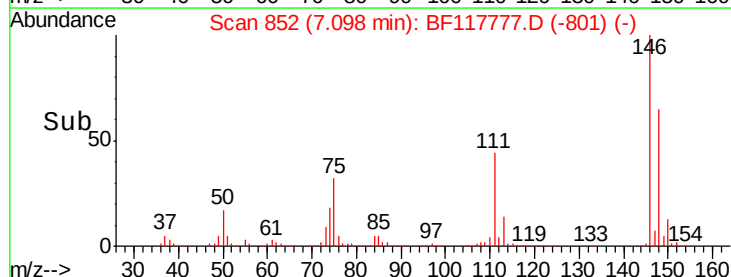
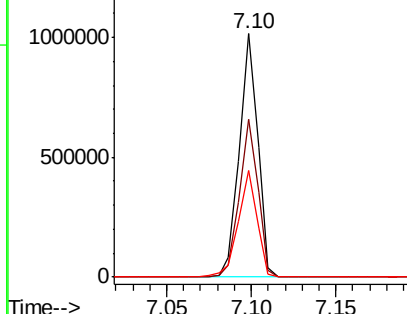


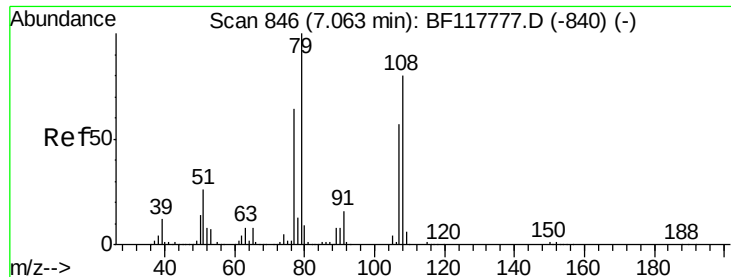
#14
 1,2-Dichlorobenzene
 Concen: 41.107 ng
 RT: 7.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	43.8	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: 38.425 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

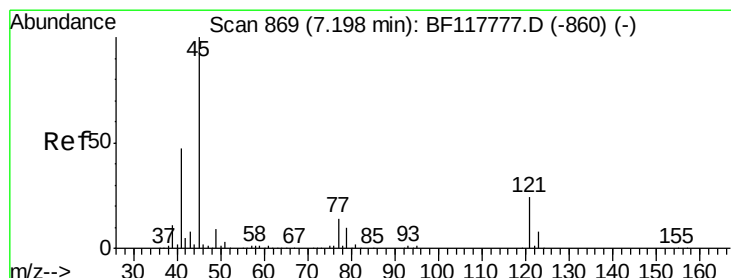
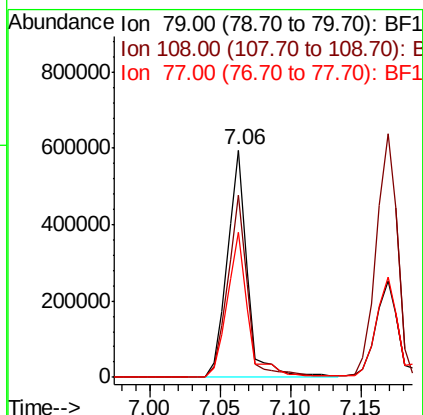
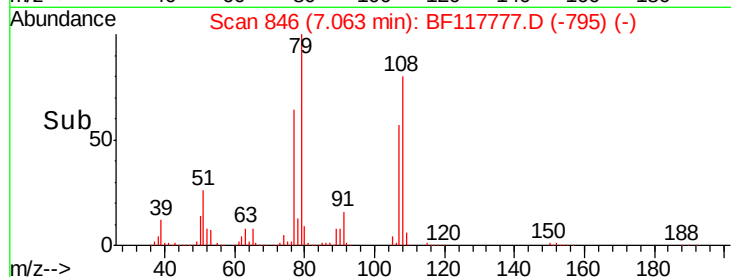
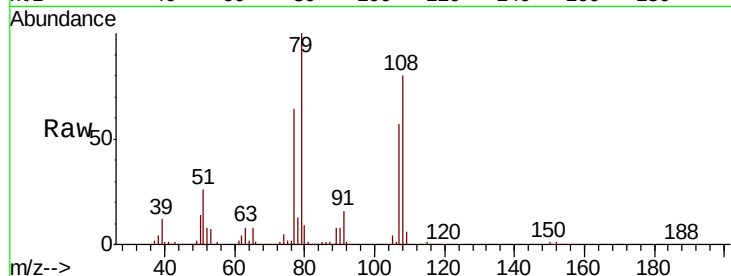
Tot Ion: 79 Resp: 591951

Ion Ratio Lower Upper

79 100

108 80.1 64.1 96.1

77 64.1 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.212 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

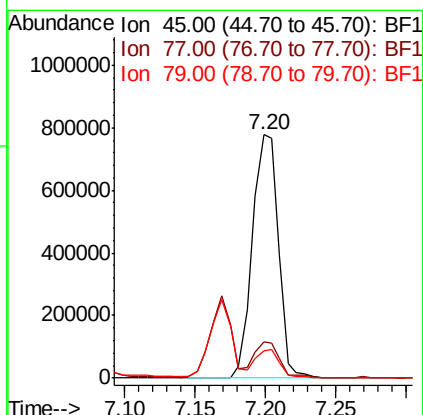
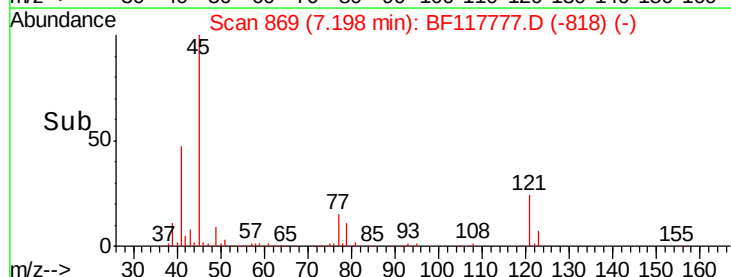
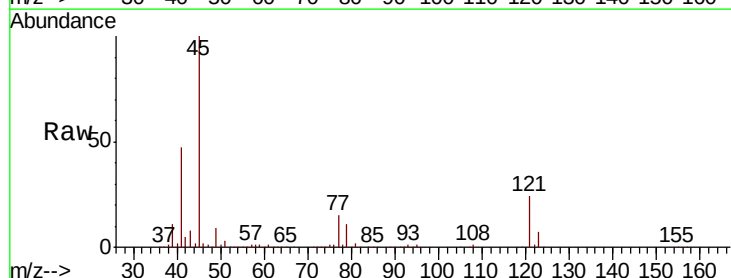
Tgt Ion: 45 Resp: 1011491

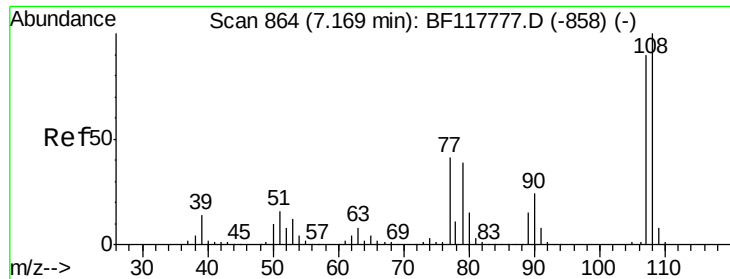
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.0

79 11.1 0.0 31.1

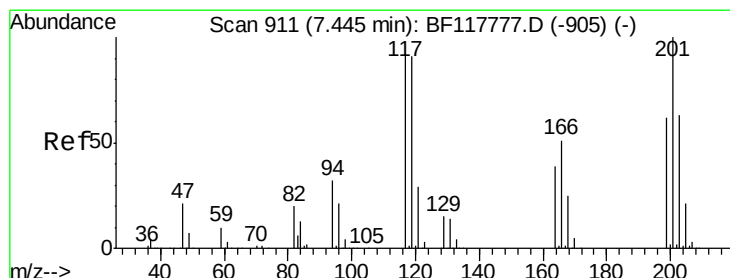
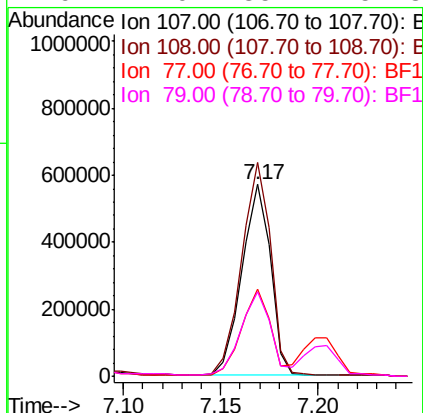
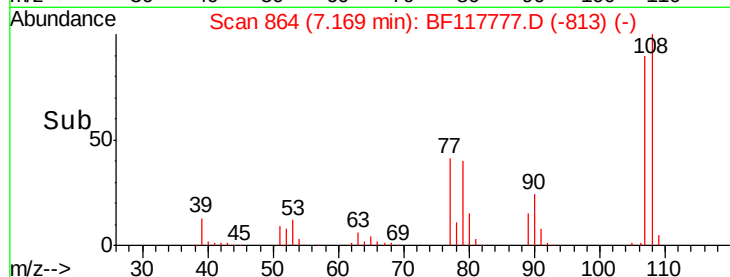
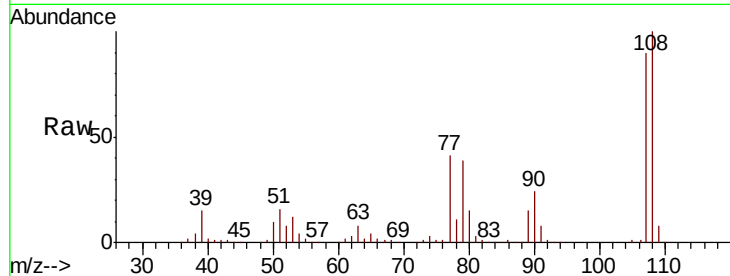




#17
2-Methylphenol
Concen: 38.876 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

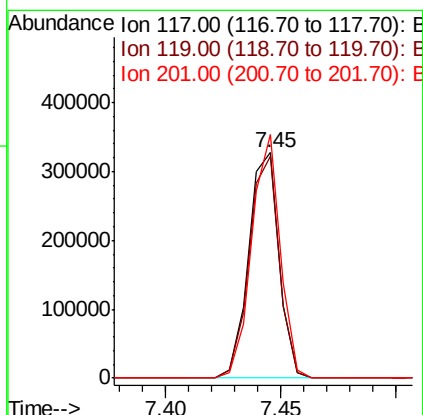
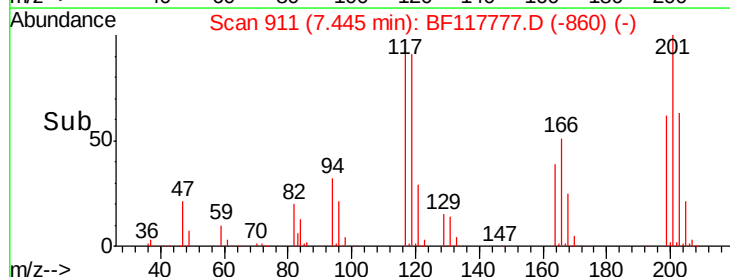
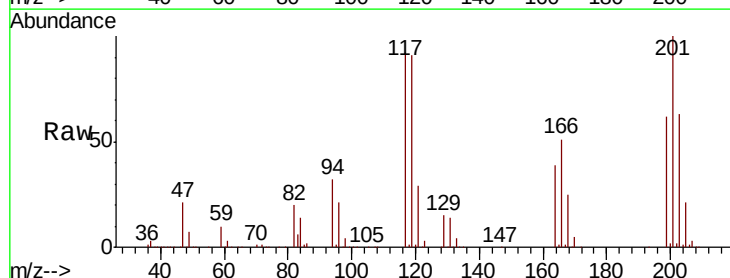
Instrument :
BNA_F
ClientSampled :

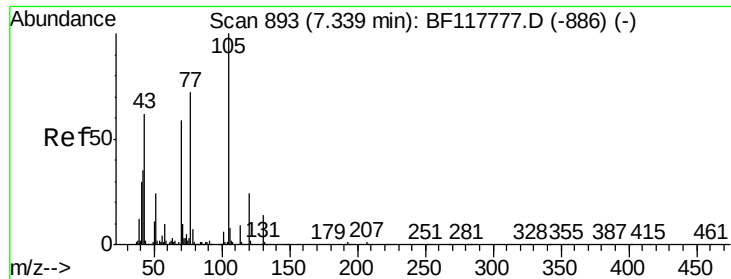
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.1	133.7
77	45.7	36.6	54.8
79	44.0	35.2	52.8



#18
Hexachloroethane
Concen: 40.386 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.7	118.1
201	108.1	86.5	129.7

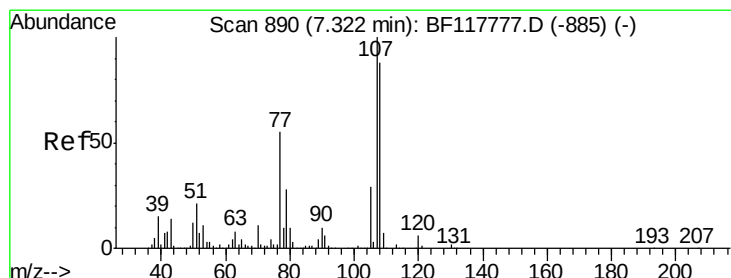
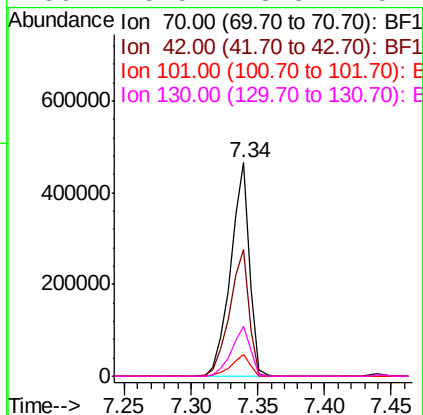
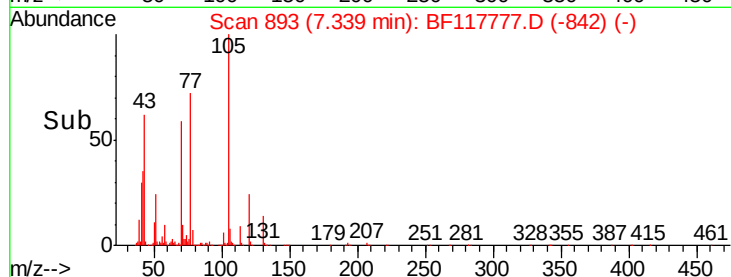
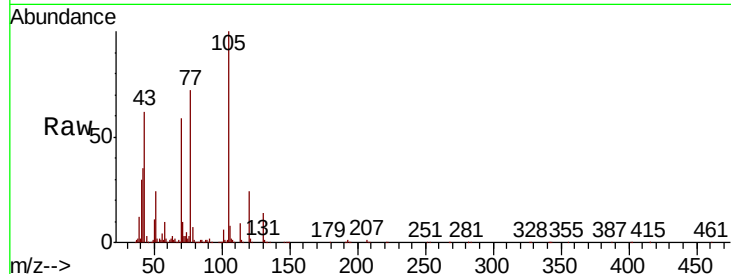




#19
n-Nitroso-di-n-propylamine
Concen: 36.562 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

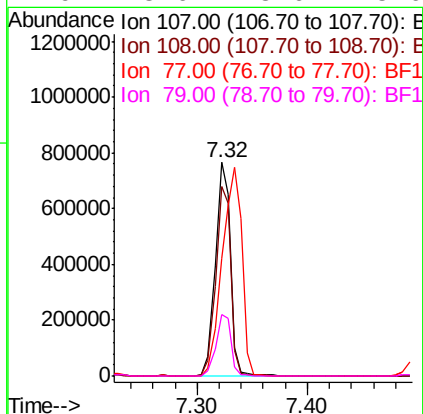
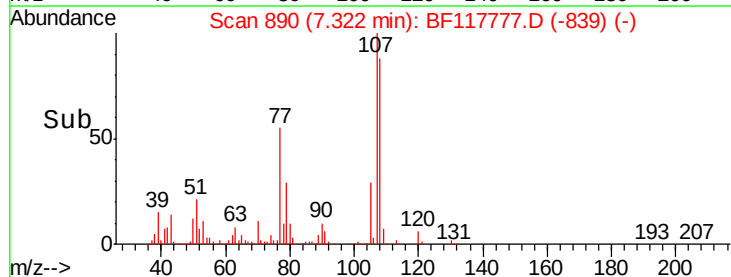
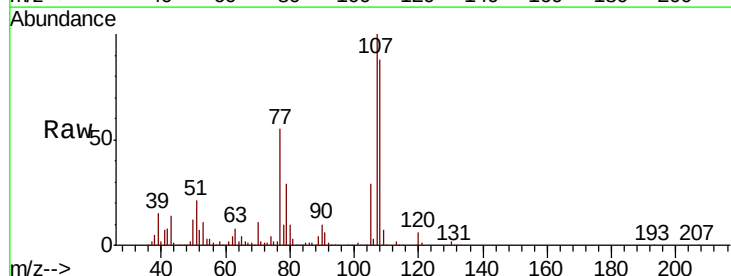
Instrument :
BNA_F
ClientSampleId :

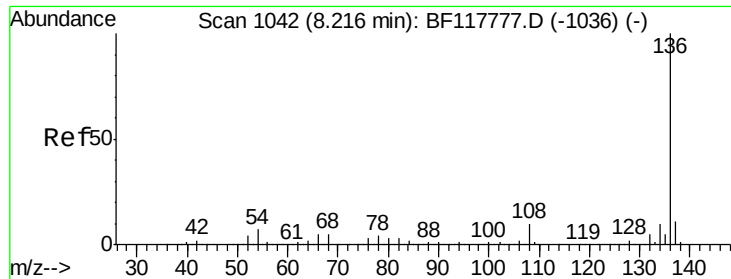
Tot Ion:	70	Resp:	464485
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.4	71.2
101	10.5	8.4	12.6
130	23.5	18.8	28.2



#20
3+4-Methylphenols
Concen: 40.042 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:	107	Resp:	713822
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	55.2	35.2	75.2
79	28.6	8.6	48.6

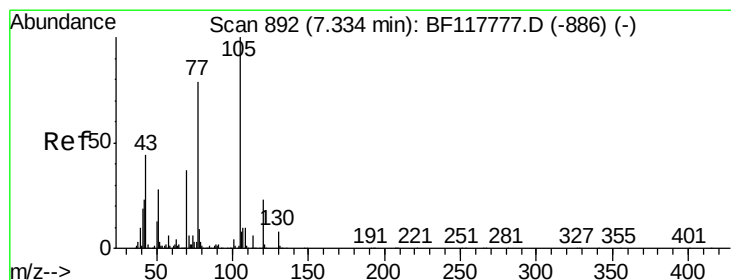
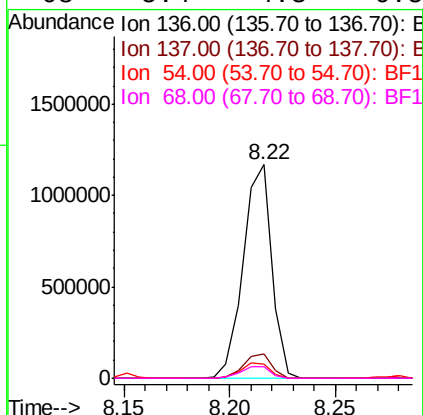
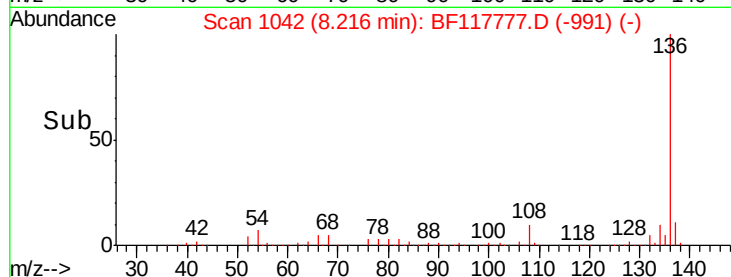
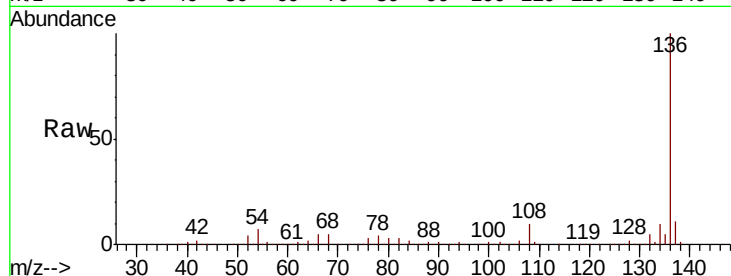




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

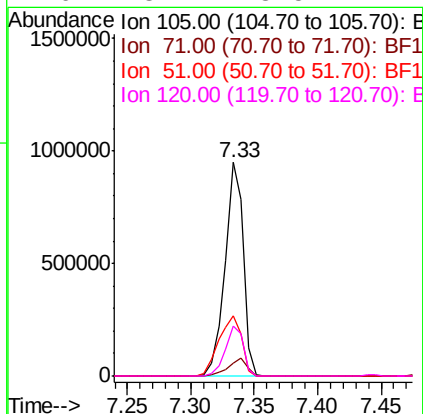
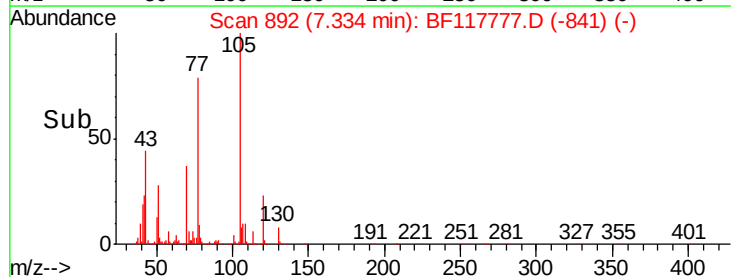
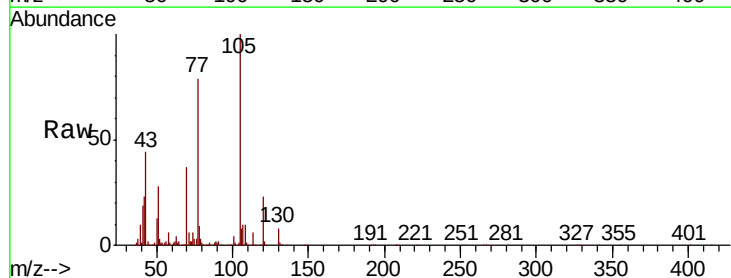
Instrument :
BNA_F
ClientSampleId :

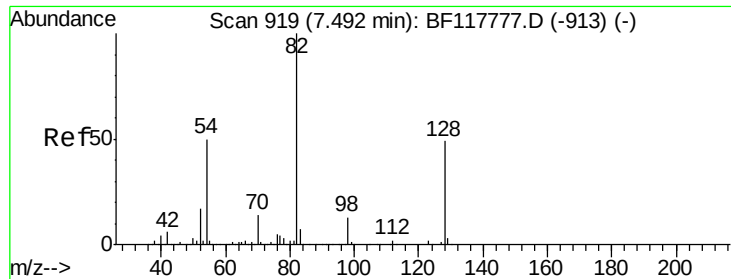
Tot Ion:136 Resp: 1093815
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.8 5.4 8.2
68 5.4 4.3 6.5



#22
Acetophenone
Concen: 37.768 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:105 Resp: 944178
Ion Ratio Lower Upper
105 100
71 6.1 4.9 7.3
51 28.4 22.7 34.1
120 23.1 18.5 27.7



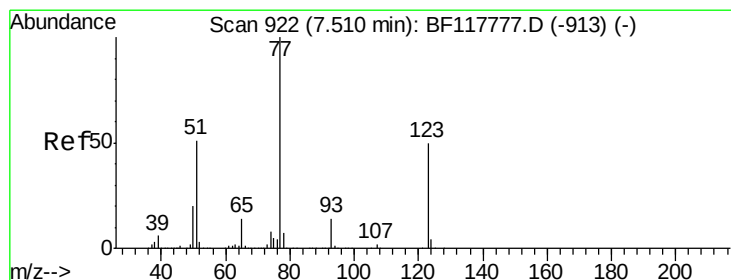
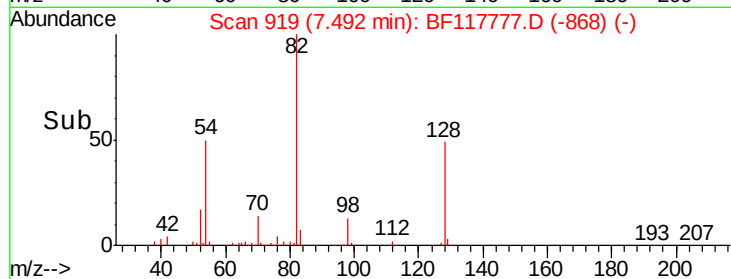
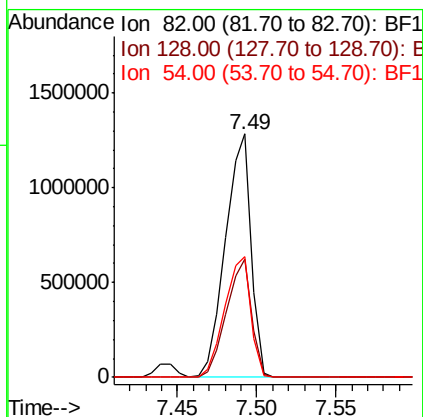
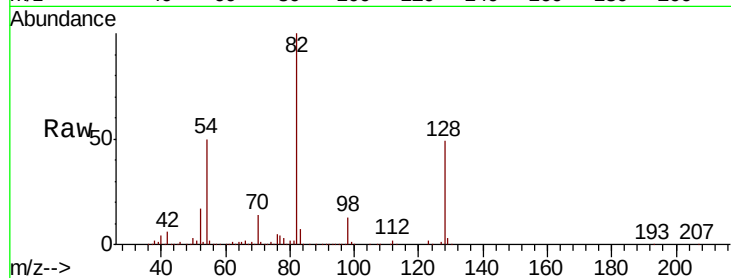


#23
 Nitrobenzene-d5
 Concen: 77.398 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1433959

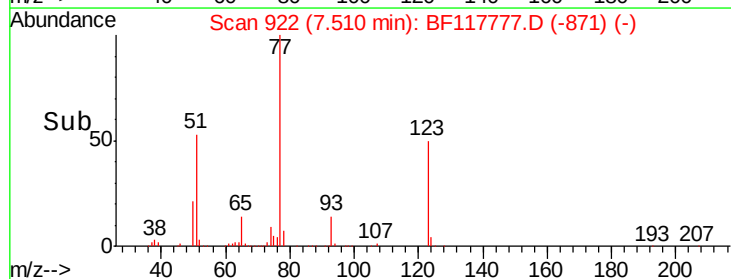
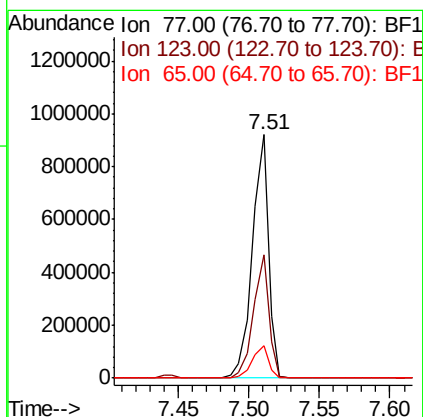
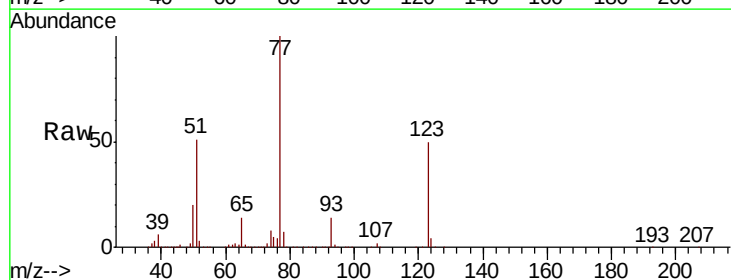
Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.9	58.3
54	49.7	39.8	59.6

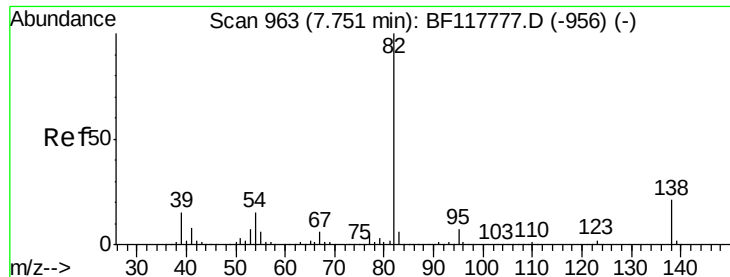


#24
 Nitrobenzene
 Concen: 38.357 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion: 77 Resp: 742061

Ion	Ratio	Lower	Upper
77	100		
123	50.4	40.3	60.5
65	13.6	10.9	16.3





#25

Isophorone

Concen: 36.167 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

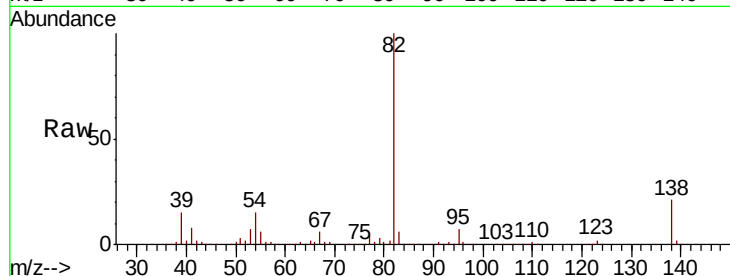
Tot Ion: 82 Resp: 1281571

Ion Ratio Lower Upper

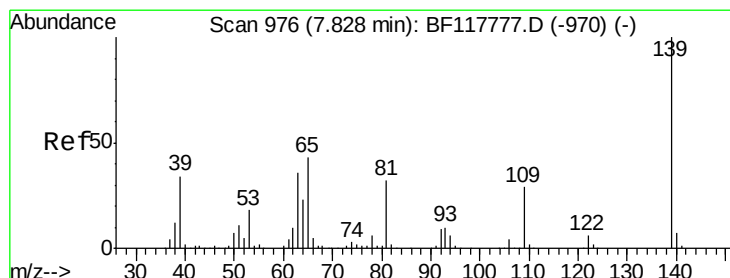
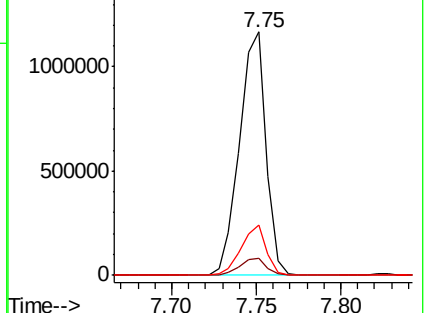
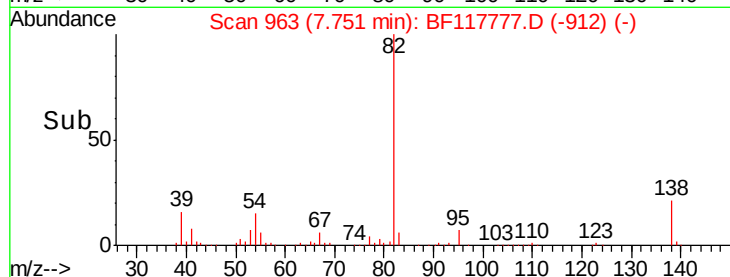
82 100

95 7.3 5.8 8.8

138 20.6 16.5 24.7



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



#26

2-Nitrophenol

Concen: 40.316 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

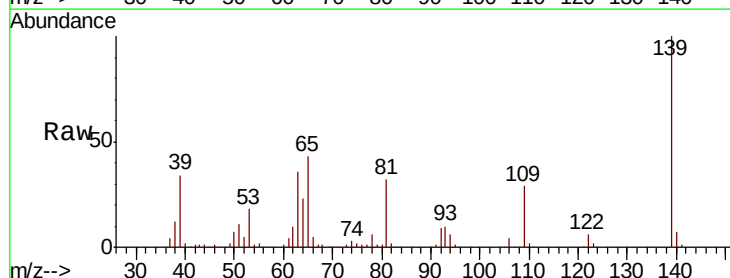
Tgt Ion: 139 Resp: 362093

Ion Ratio Lower Upper

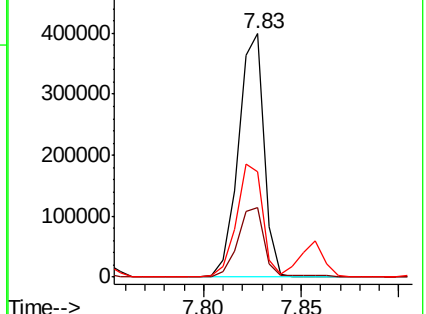
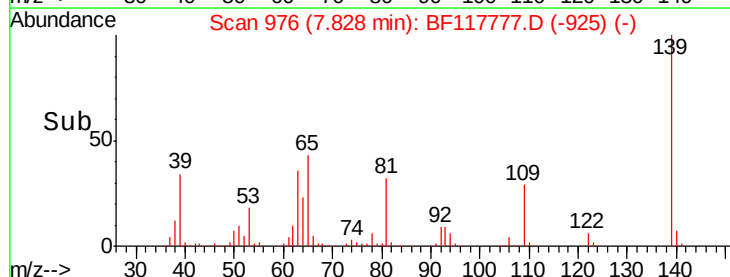
139 100

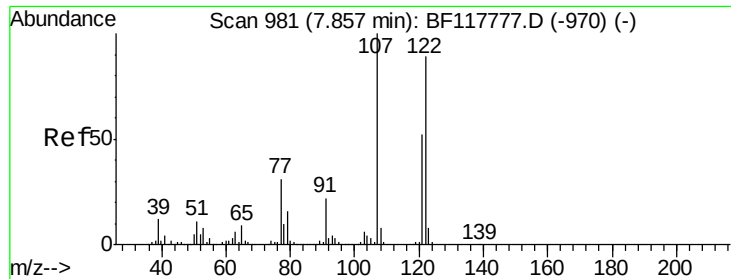
109 28.7 23.0 34.4

65 43.4 34.7 52.1



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





#27

2,4-Dimethylphenol

Concen: 37.037 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

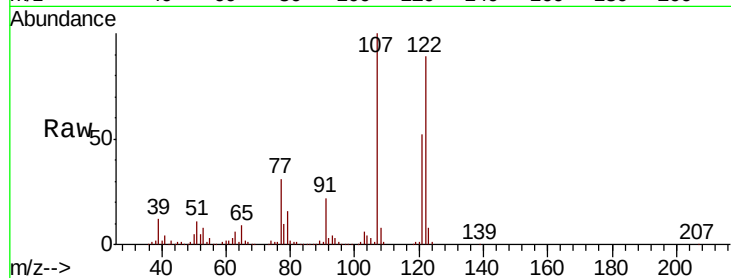
Tot Ion:122 Resp: 560900

Ion Ratio Lower Upper

122 100

107 112.5 90.0 135.0

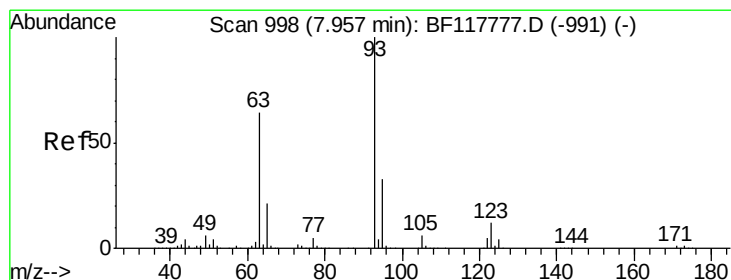
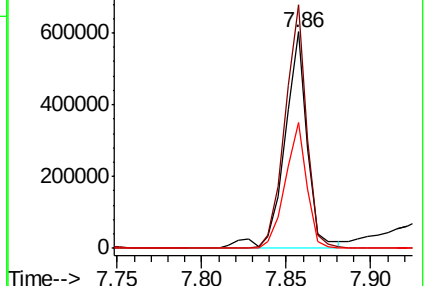
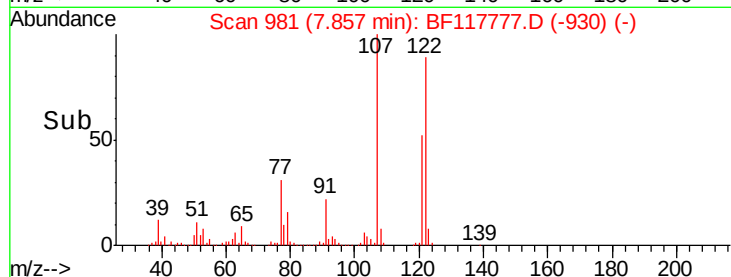
121 58.4 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.033 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

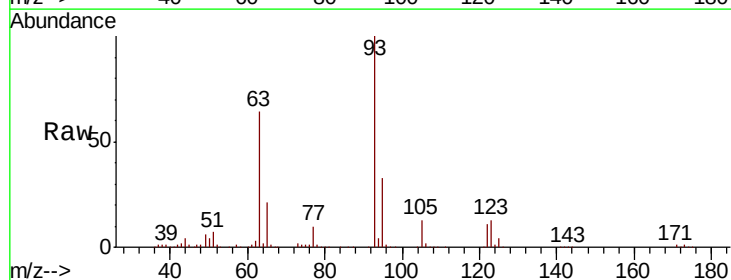
Tgt Ion: 93 Resp: 819625

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

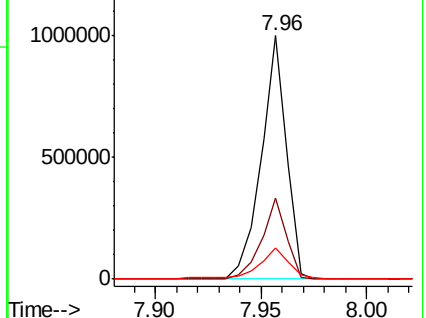
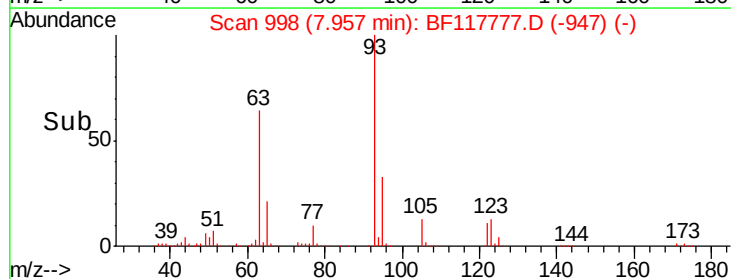
123 12.9 10.3 15.5

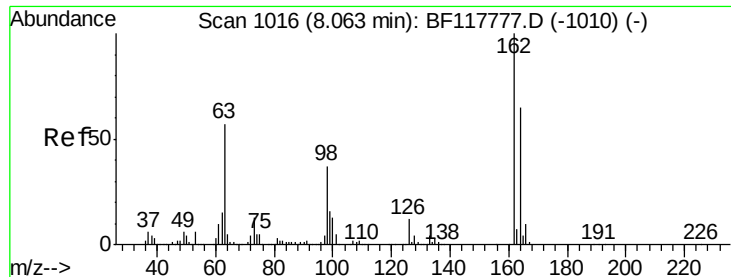


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

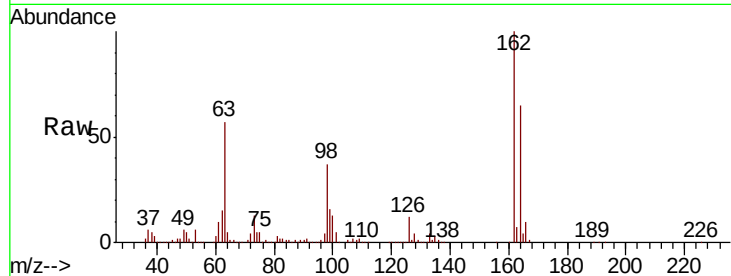




#29
 2,4-Dichlorophenol
 Concen: 38.683 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.1	85.1
98	37.2	17.2	57.2

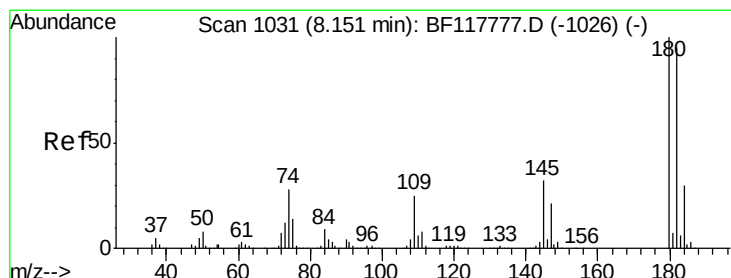
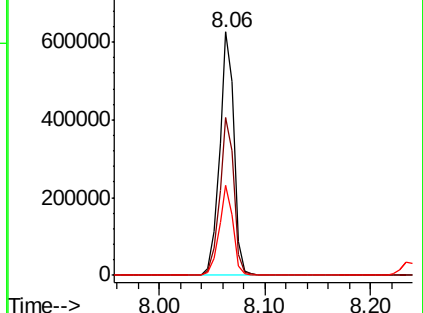
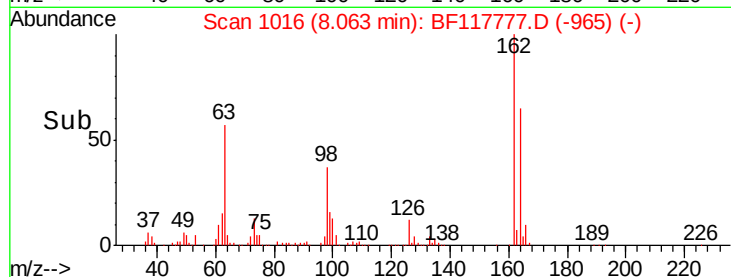


Abundance

Ion 162.00 (161.70 to 162.70): E

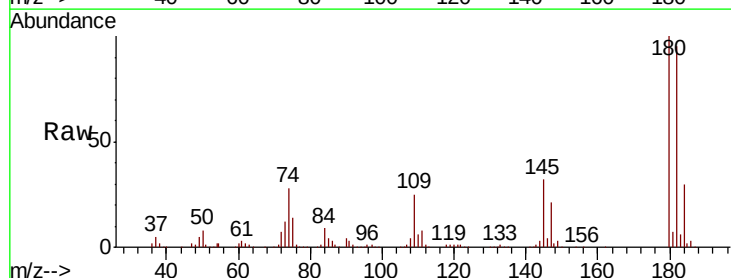
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.306 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	31.9	25.5	38.3

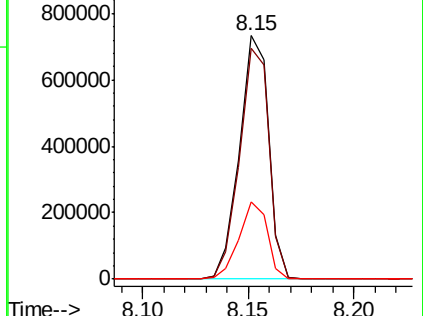
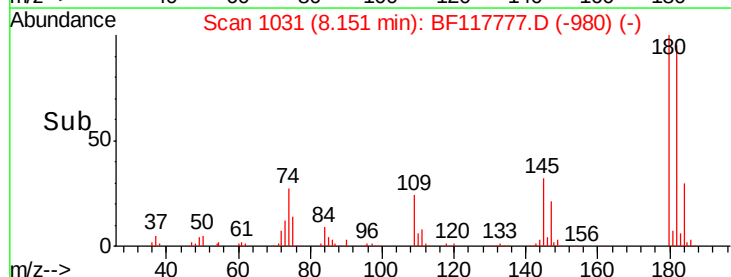


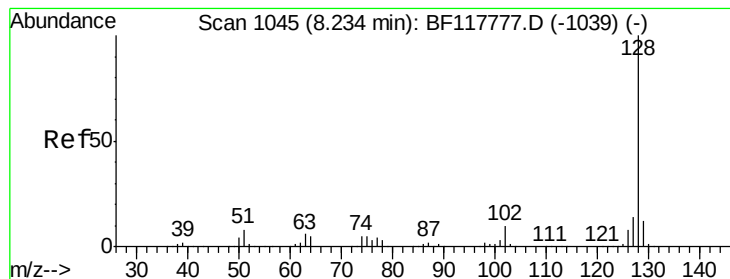
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.836 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

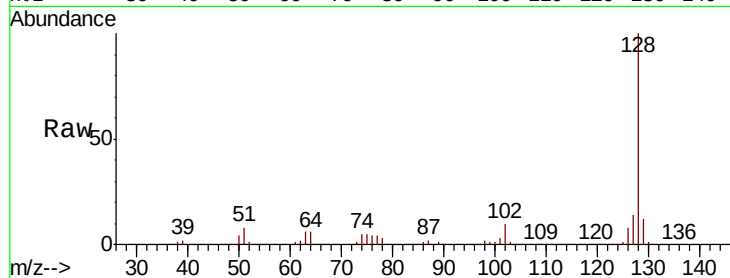
Tot Ion:128 Resp: 1991639

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

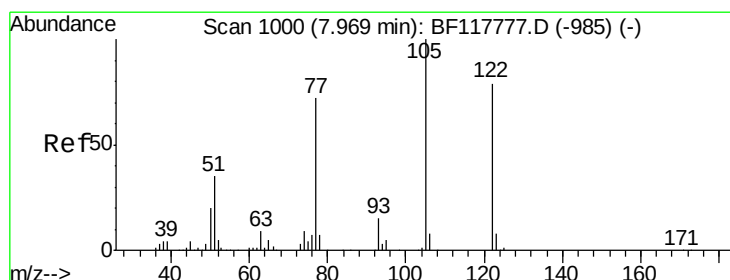
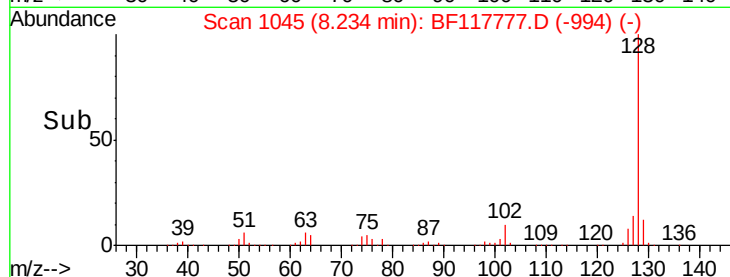
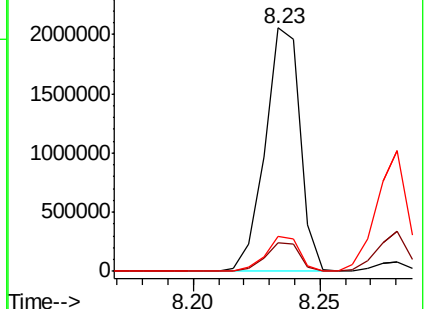
127 14.1 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.479 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

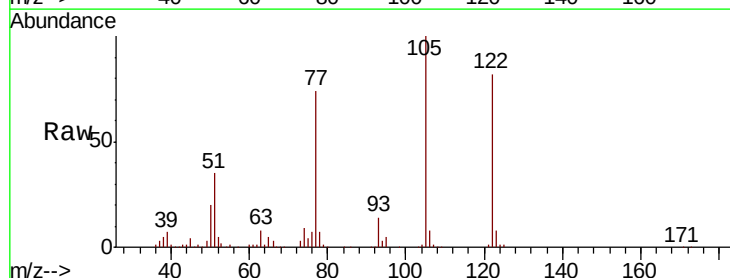
Tgt Ion:122 Resp: 461287

Ion Ratio Lower Upper

122 100

105 122.7 102.7 142.7

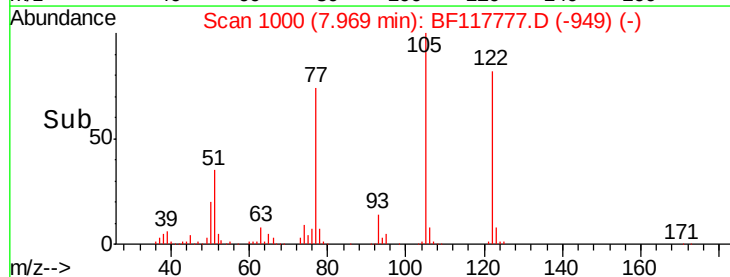
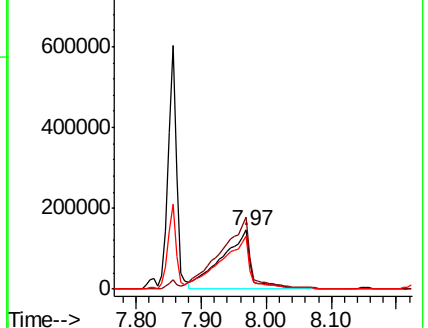
77 90.5 70.5 110.5

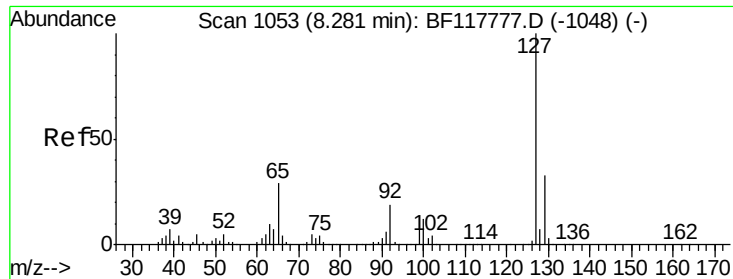


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

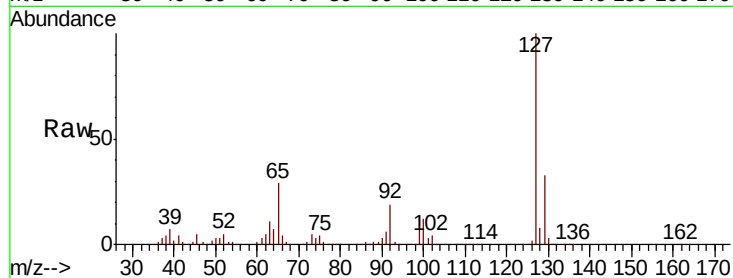




#33
4-Chloroaniline
Concen: 37.919 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	880908
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	28.6	22.9	34.3
92	18.8	15.0	22.6



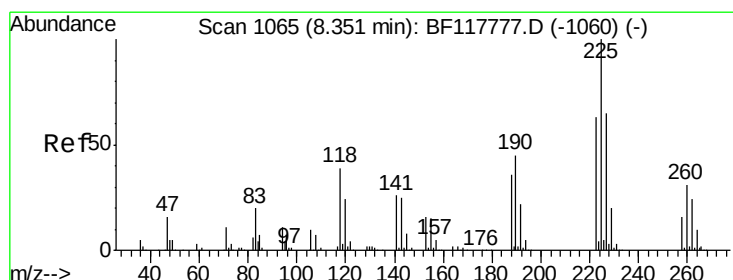
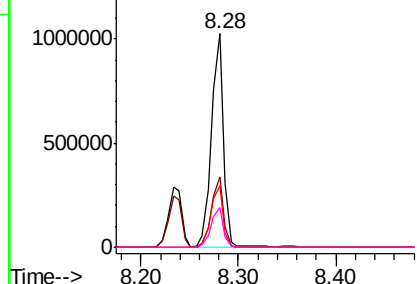
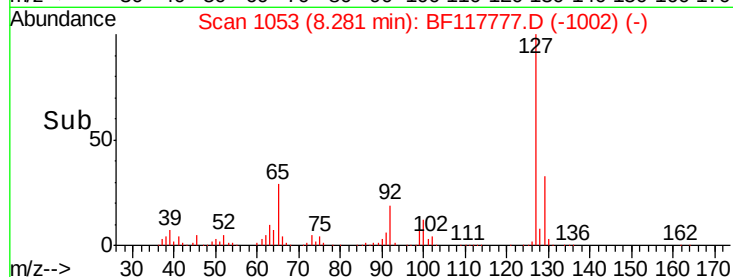
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

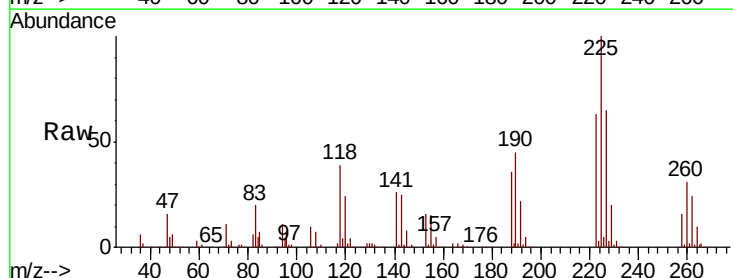
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.362 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:	225	Resp:	412842
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	64.7	51.8	77.6

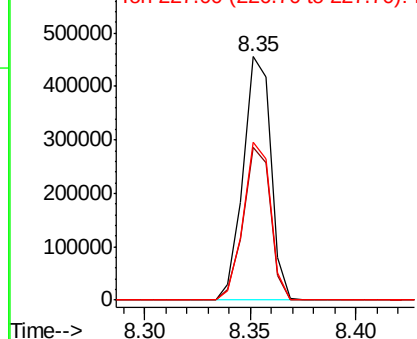
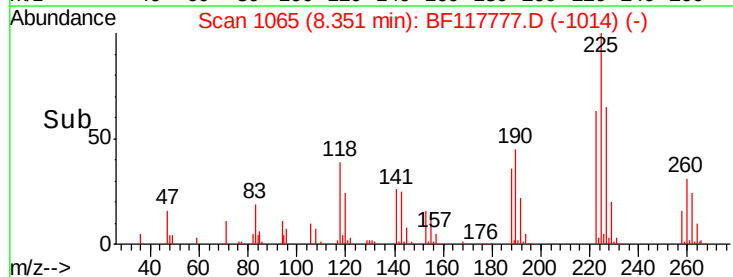


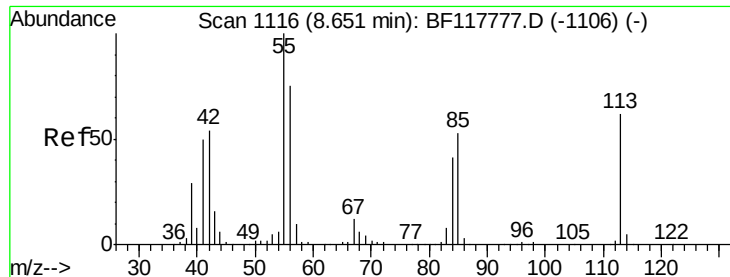
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

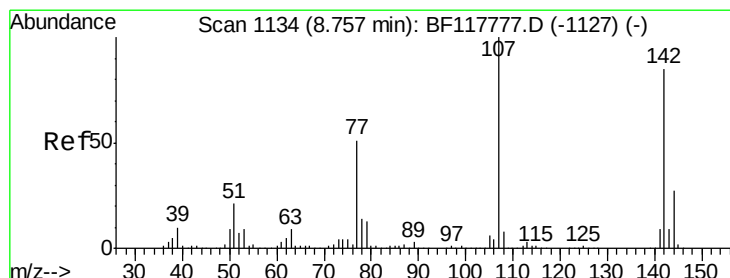
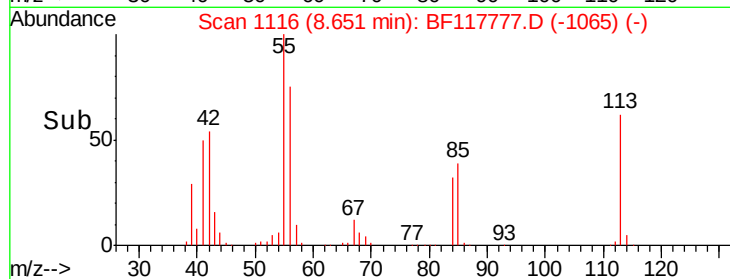
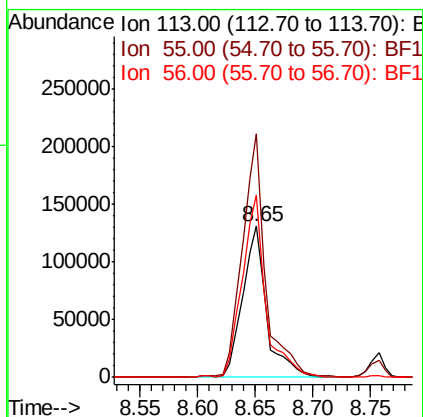
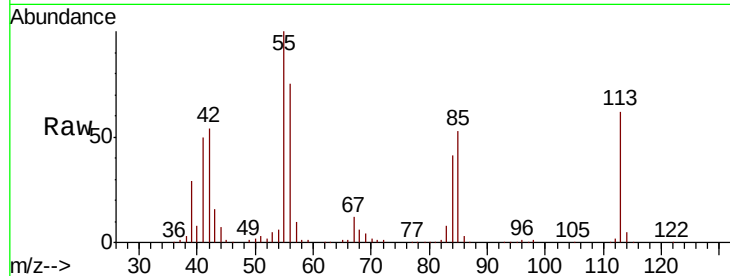




#35
Caprolactam
Concen: 36.459 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

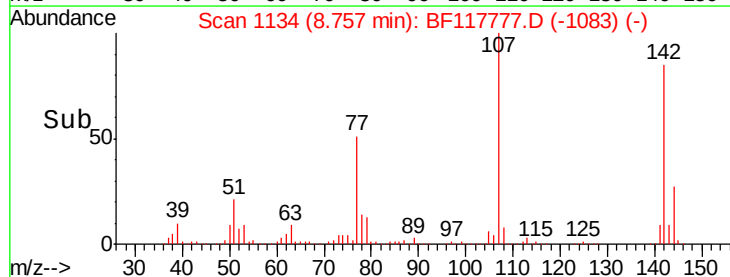
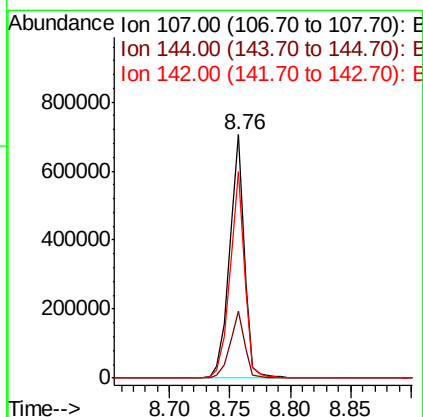
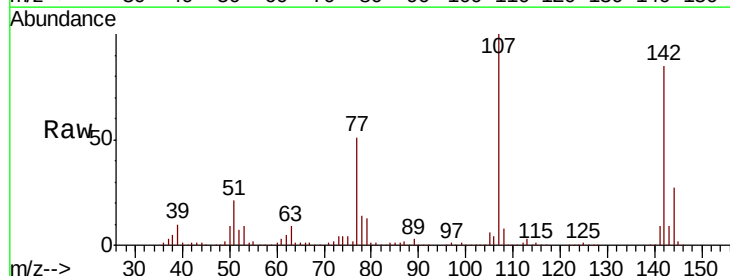
Instrument :
BNA_F
ClientSampled :

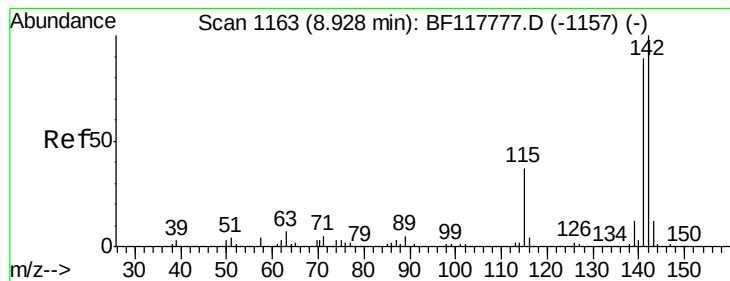
Tot Ion:113 Resp: 188541
Ion Ratio Lower Upper
113 100
55 161.1 141.1 181.1
56 120.5 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 38.388 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:107 Resp: 604393
Ion Ratio Lower Upper
107 100
144 27.4 21.9 32.9
142 84.6 67.7 101.5





#37

2-Methylnaphthalene

Concen: 39.409 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

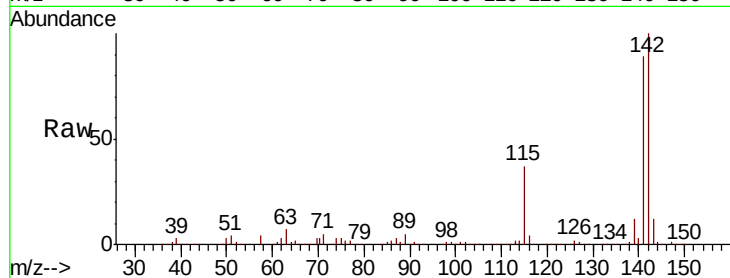
Tot Ion:142 Resp: 1341362

Ion Ratio Lower Upper

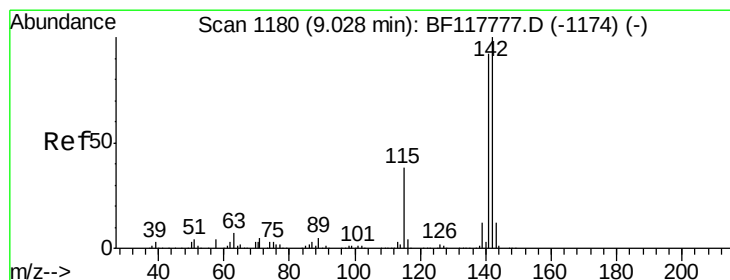
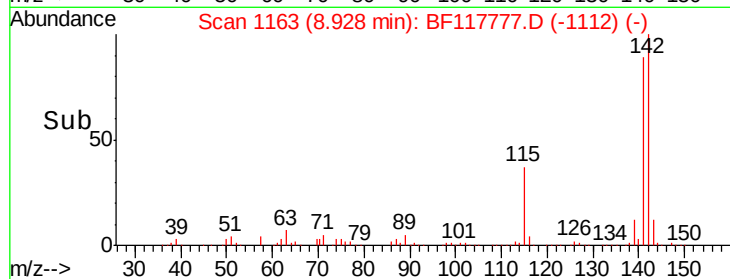
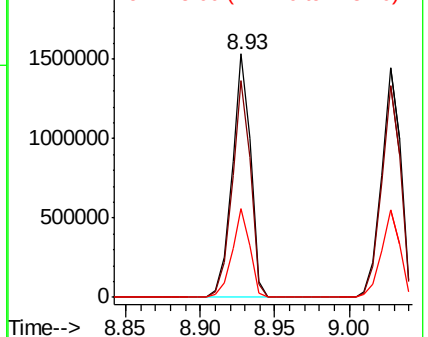
142 100

141 88.9 71.1 106.7

115 36.5 29.2 43.8



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



#38

1-Methylnaphthalene

Concen: 39.090 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

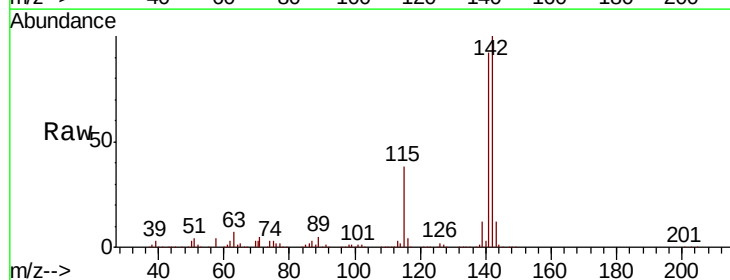
Tgt Ion:142 Resp: 1263492

Ion Ratio Lower Upper

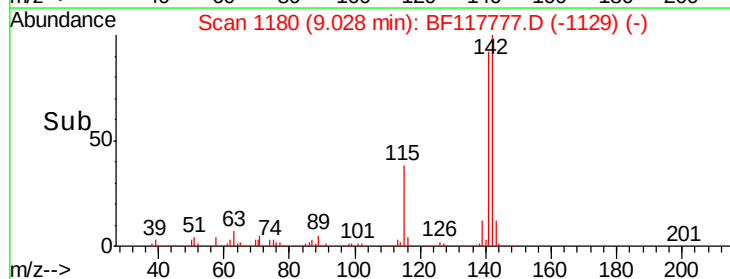
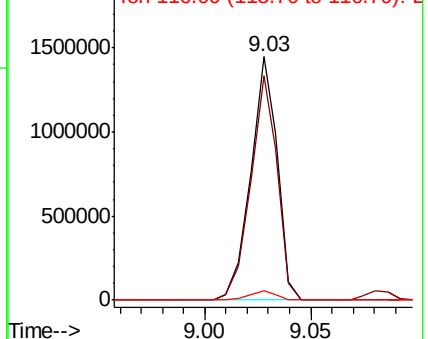
142 100

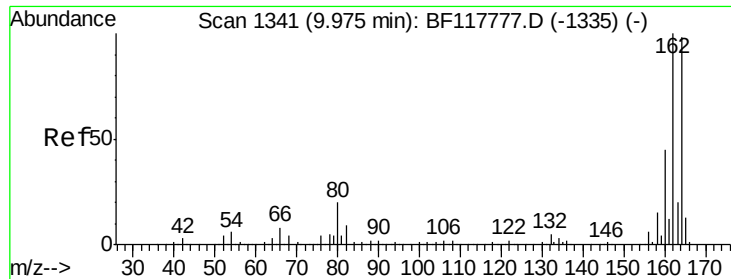
141 91.9 73.5 110.3

116 4.0 3.2 4.8



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

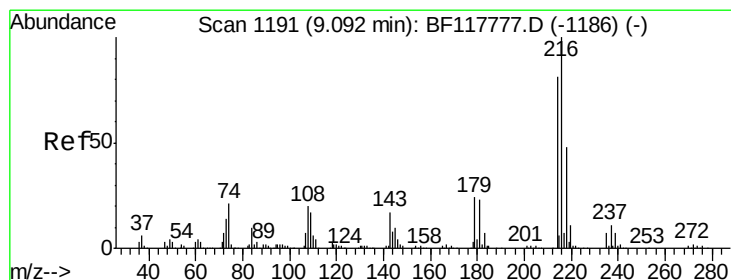
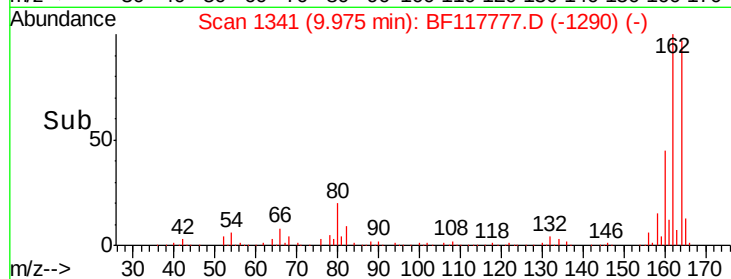
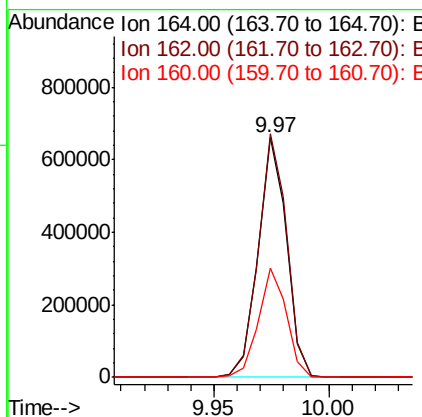
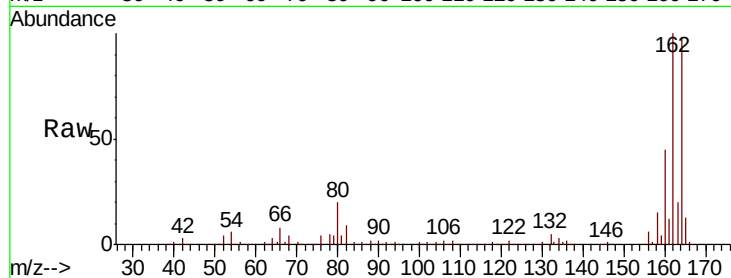




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

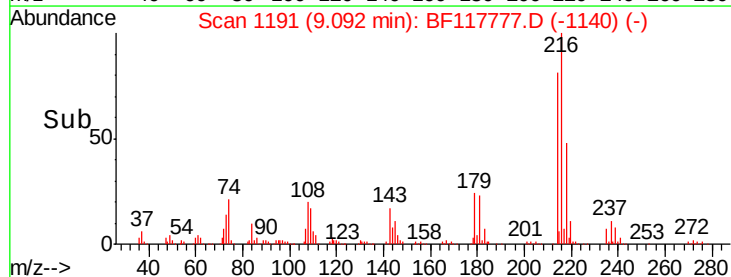
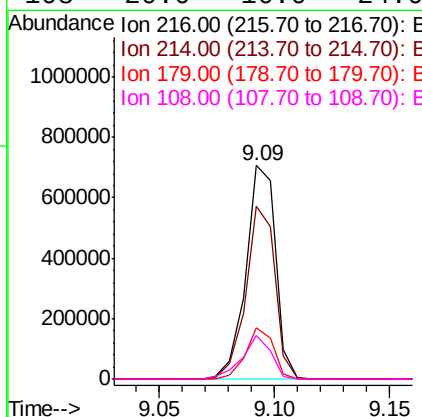
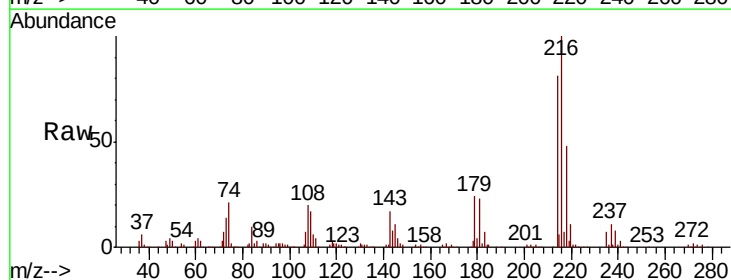
Instrument :
BNA_F
ClientSampleId :

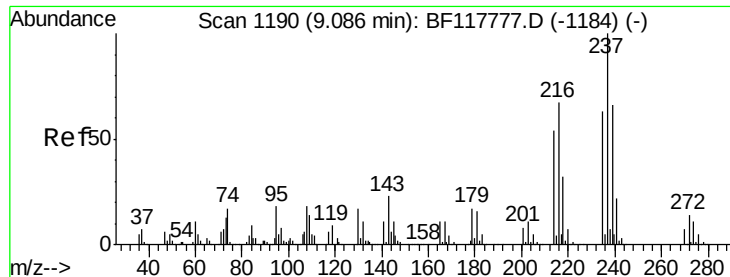
Tot Ion:164 Resp: 567010
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.8 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.954 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:216 Resp: 635282
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 22.8 18.2 27.4
108 20.0 16.0 24.0

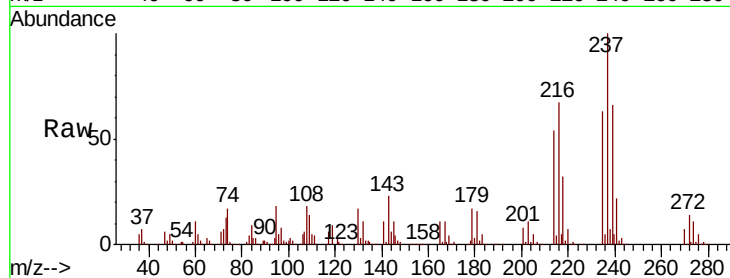




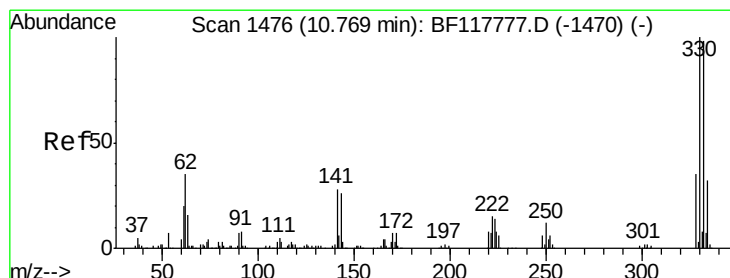
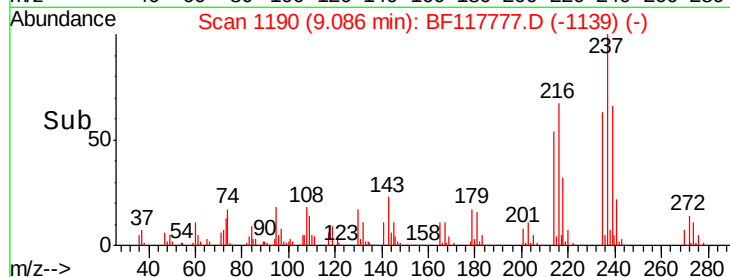
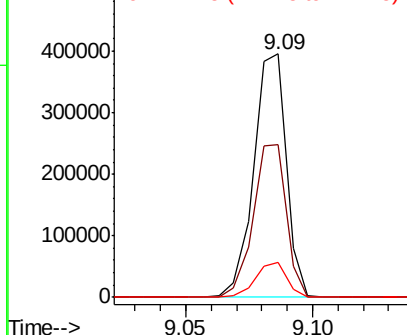
#41
Hexachlorocyclopentadiene
Concen: 42.651 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	14.3	0.0	34.3

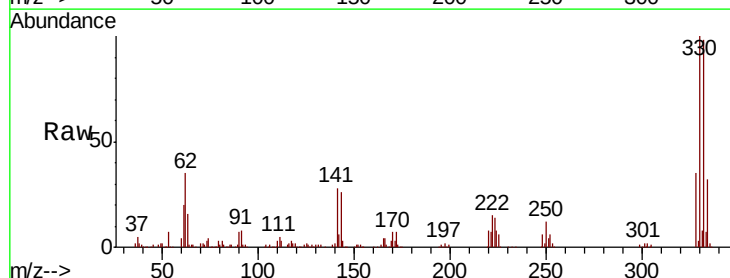


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

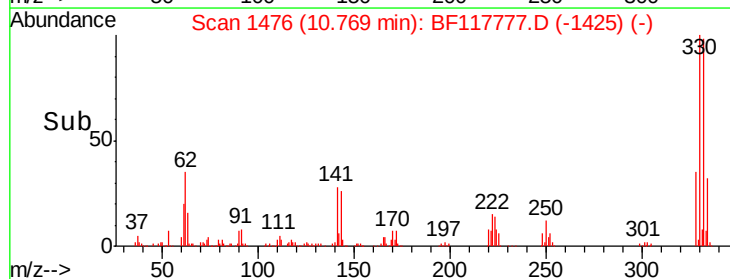
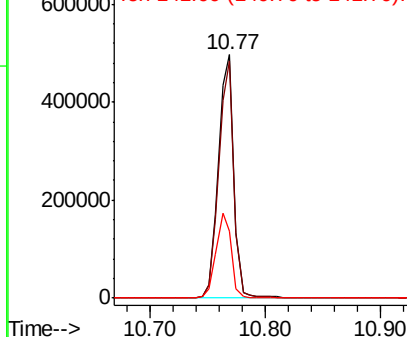


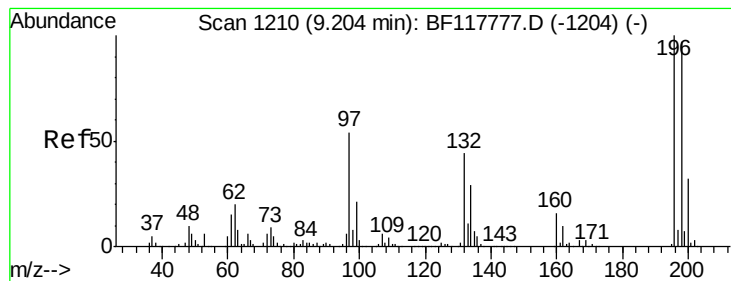
#42
2,4,6-Tribromophenol
Concen: 82.865 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	34.6	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: 40.549 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

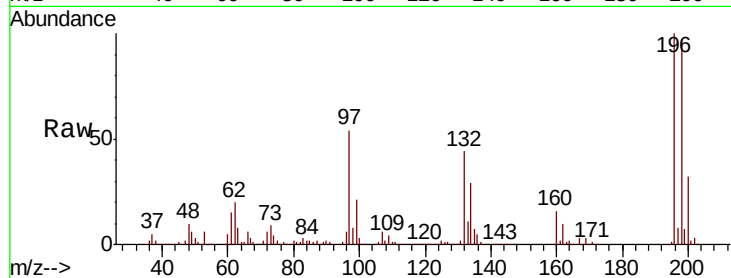
Tot Ion:196 Resp: 458109

Ion Ratio Lower Upper

196 100

198 97.2 77.8 116.6

200 31.7 25.4 38.0

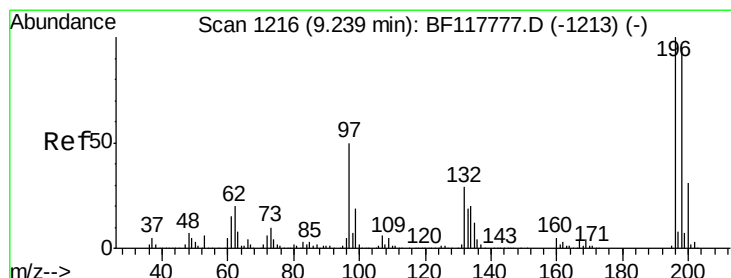
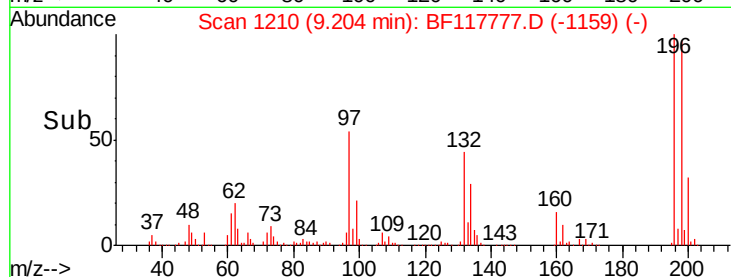
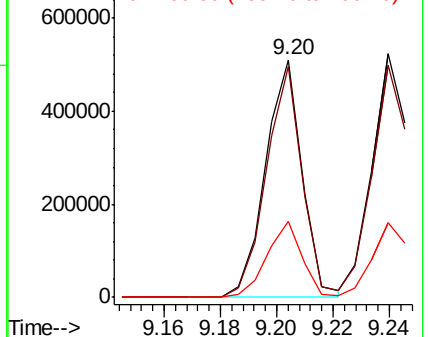


Abundance

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: 41.653 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Tgt Ion:196 Resp: 476995

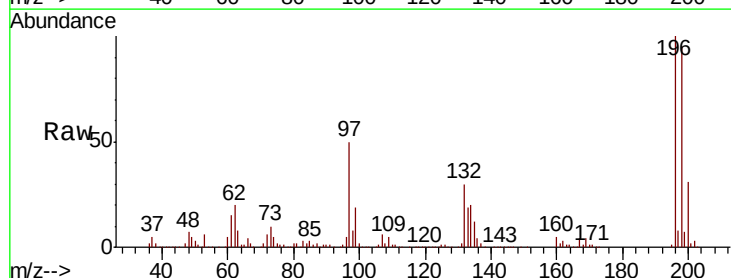
Ion Ratio Lower Upper

196 100

198 95.4 76.3 114.5

97 50.0 40.0 60.0

132 29.5 23.6 35.4



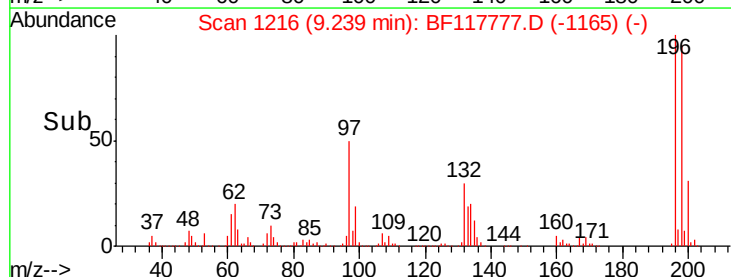
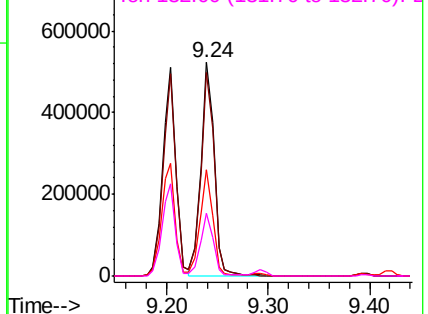
Abundance

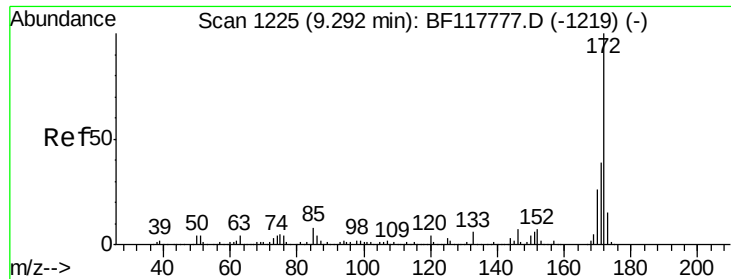
Ion 196.00 (195.70 to 196.70): E

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

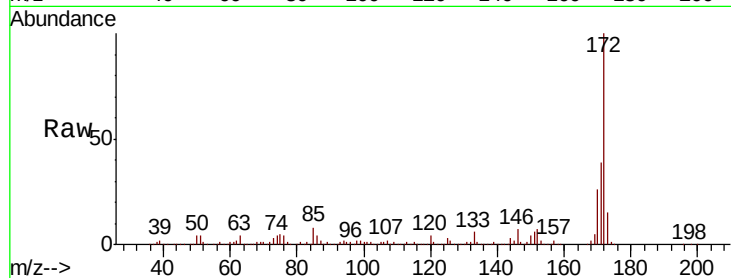




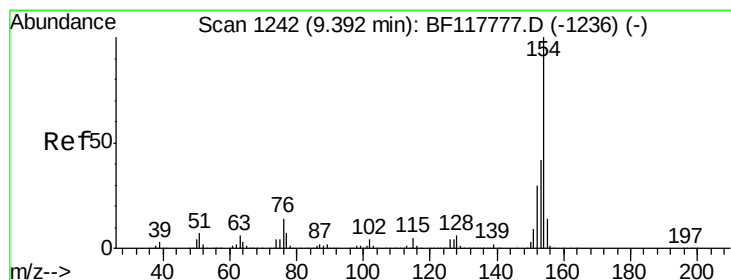
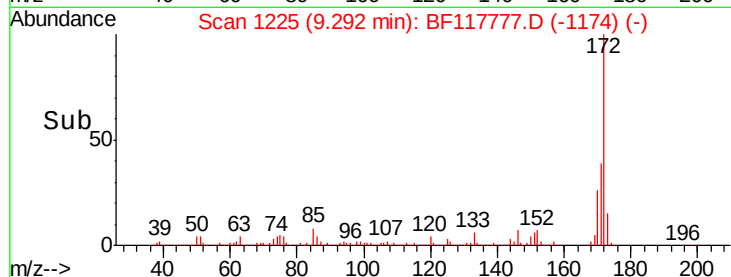
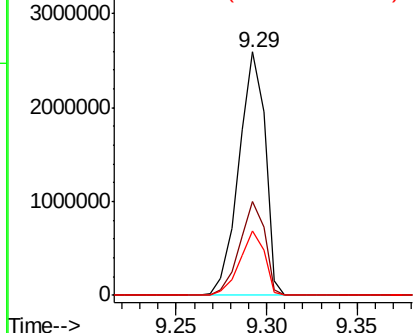
#45
2-Fluorobiphenyl
Concen: 90.517 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2601307
Ion Ratio Lower Upper
172 100
171 38.6 30.9 46.3
170 26.2 21.0 31.4

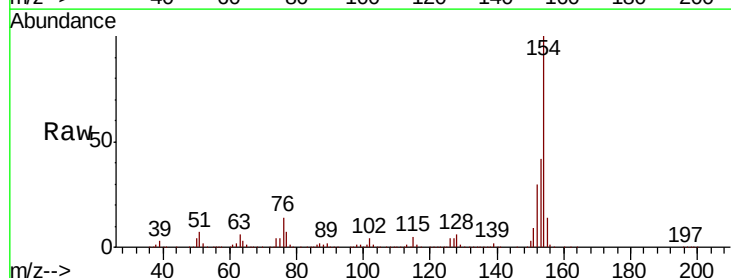


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

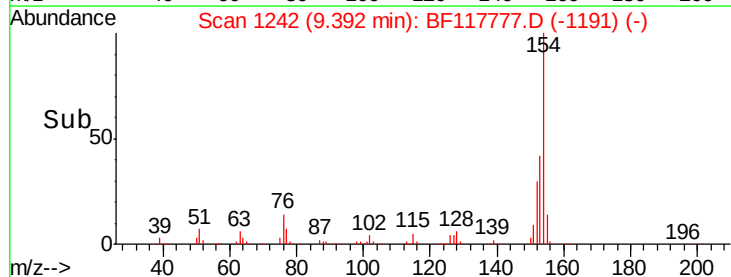
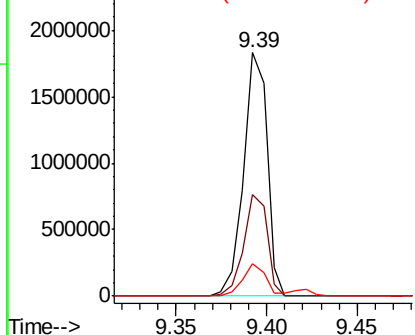


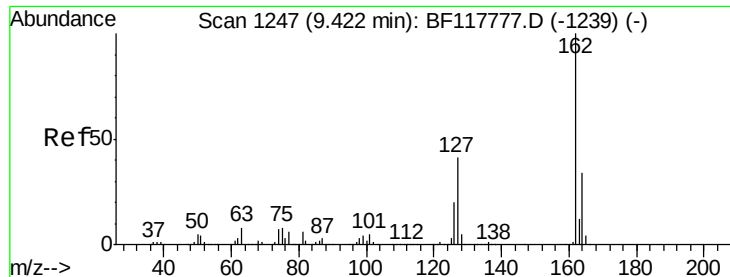
#46
1,1'-Biphenyl
Concen: 41.633 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:154 Resp: 1653285
Ion Ratio Lower Upper
154 100
153 41.9 21.9 61.9
76 13.6 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.704 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

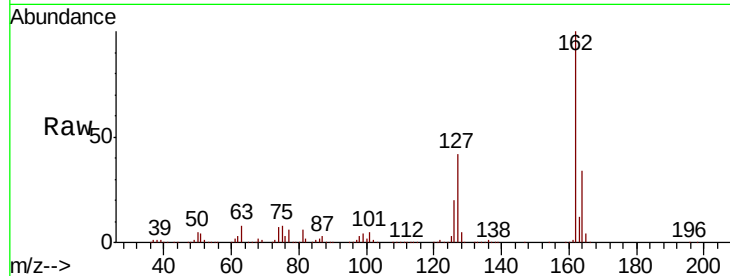
Tot Ion:162 Resp: 1341396

Ion Ratio Lower Upper

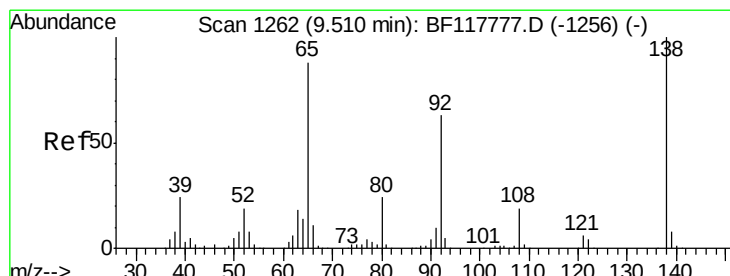
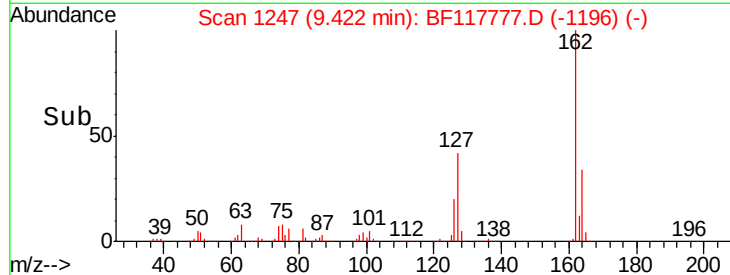
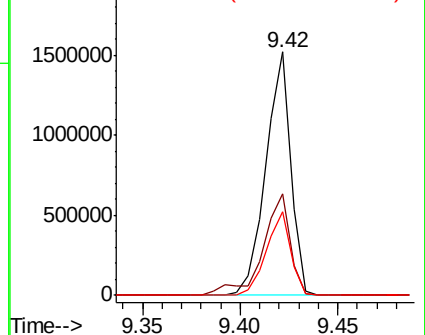
162 100

127 41.5 33.2 49.8

164 34.1 27.3 40.9



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



#48

2-Nitroaniline

Concen: 39.421 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

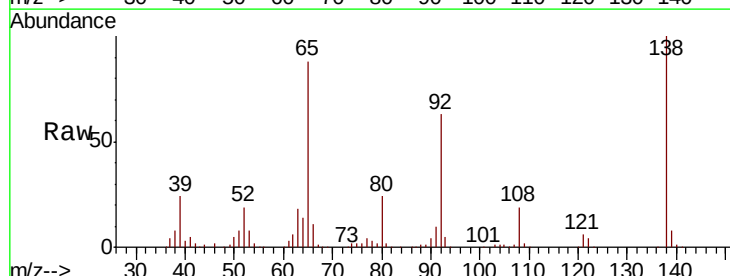
Tgt Ion: 65 Resp: 407109

Ion Ratio Lower Upper

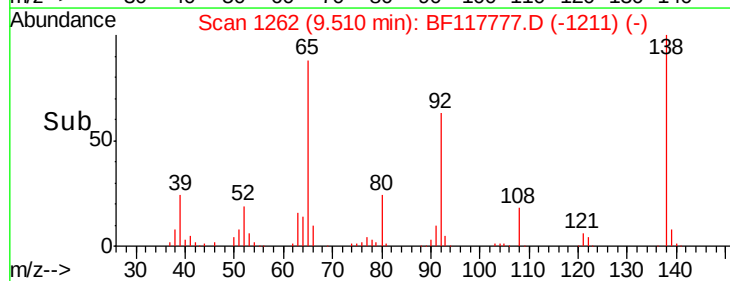
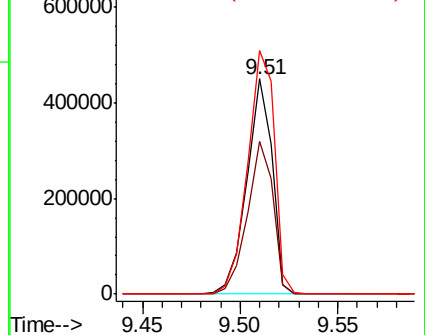
65 100

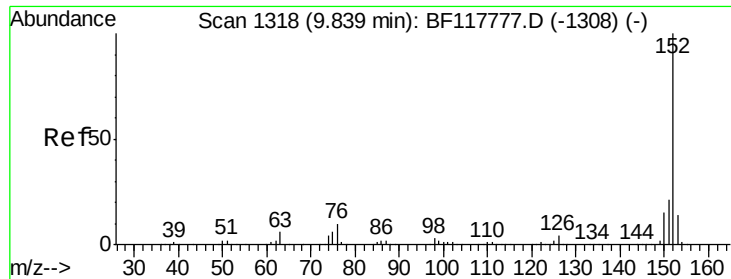
92 70.7 56.6 84.8

138 113.1 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: 41.052 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

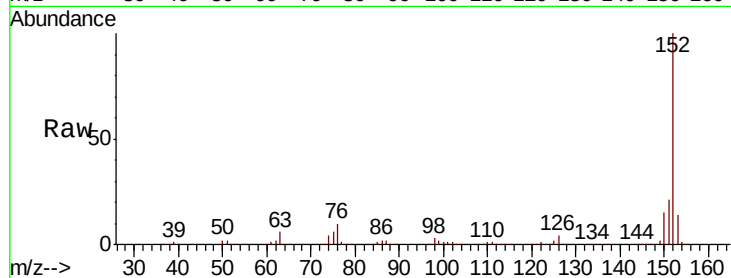
Tot Ion:152 Resp: 1970203

Ion Ratio Lower Upper

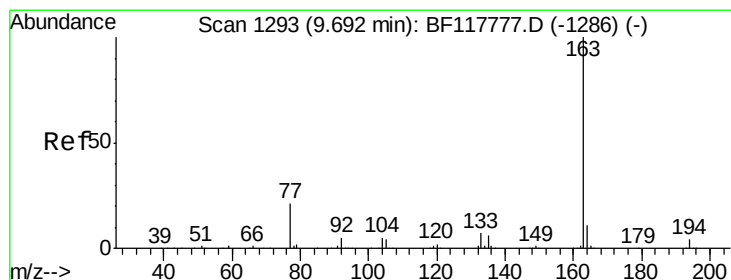
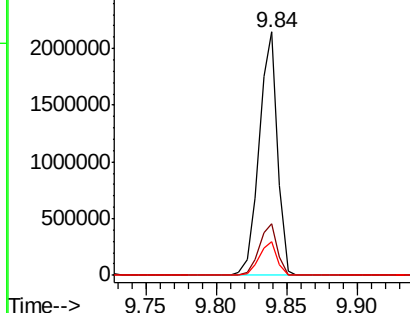
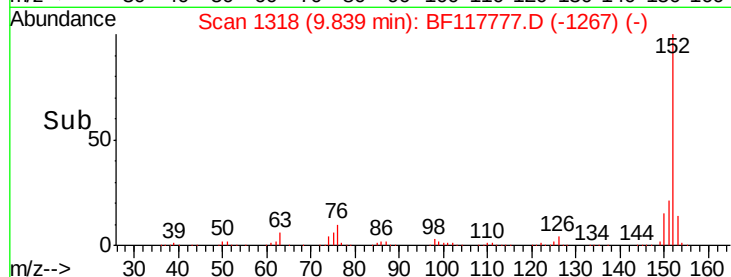
152 100

151 21.3 17.0 25.6

153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.933 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

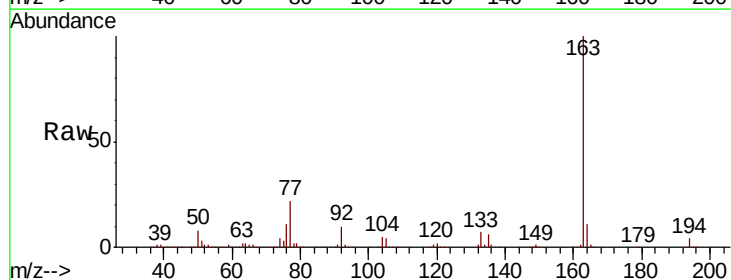
Tgt Ion:163 Resp: 1530700

Ion Ratio Lower Upper

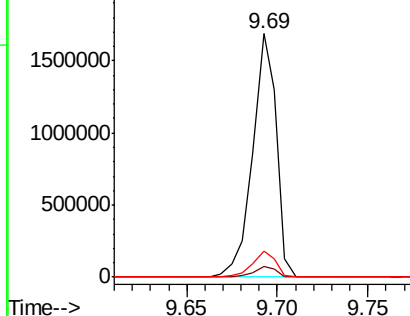
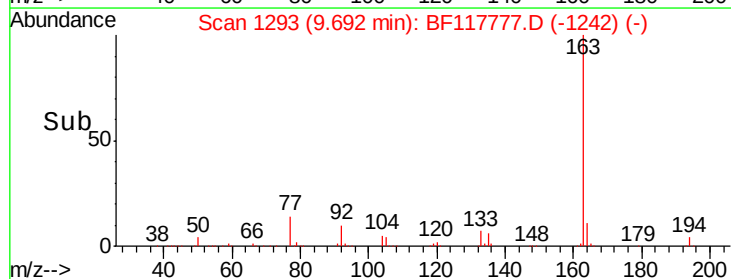
163 100

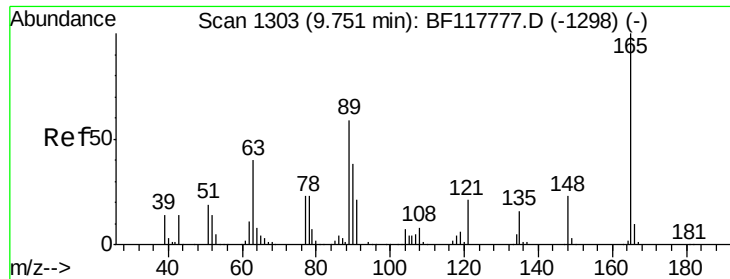
194 4.1 3.3 4.9

164 10.9 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 39.553 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

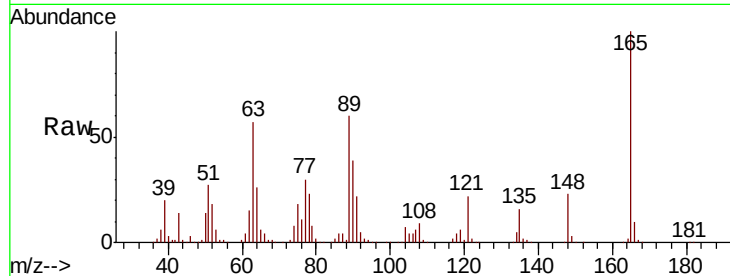
Tot Ion:165 Resp: 339497

Ion Ratio Lower Upper

165 100

63 57.5 46.0 69.0

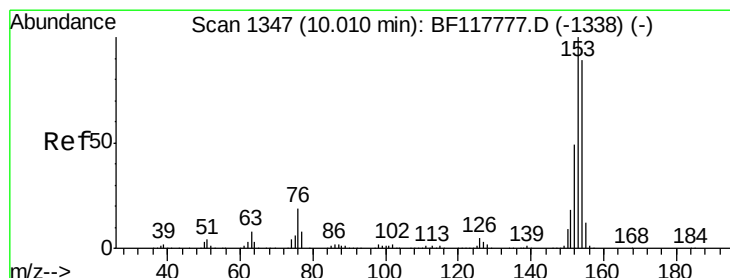
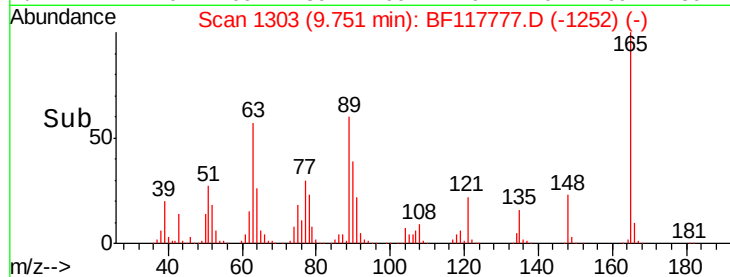
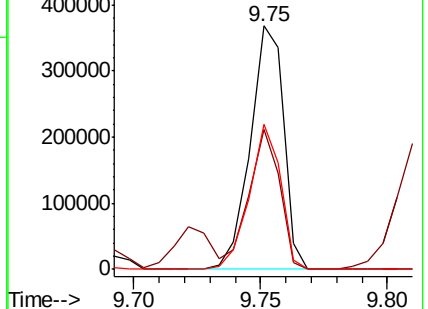
89 59.6 47.7 71.5



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: 40.173 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

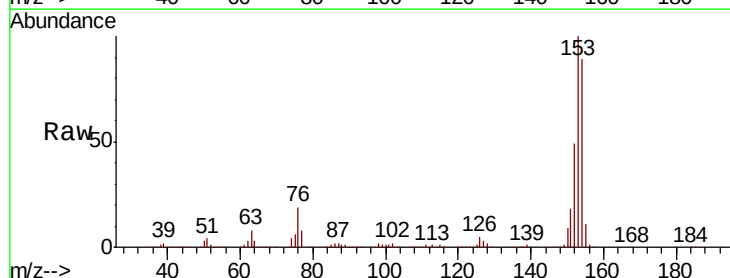
Tgt Ion:154 Resp: 1244103

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

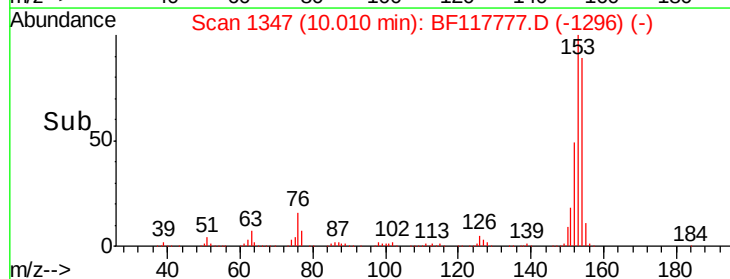
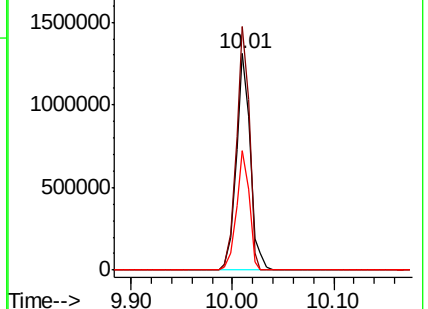
152 55.0 44.0 66.0

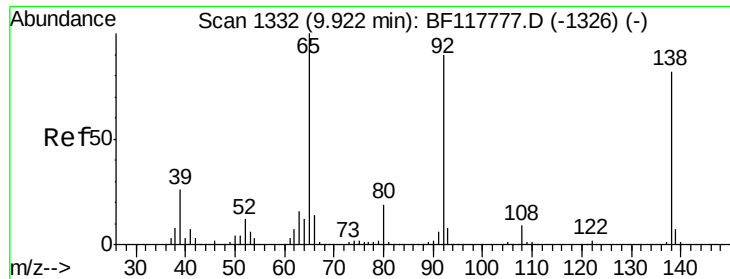


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

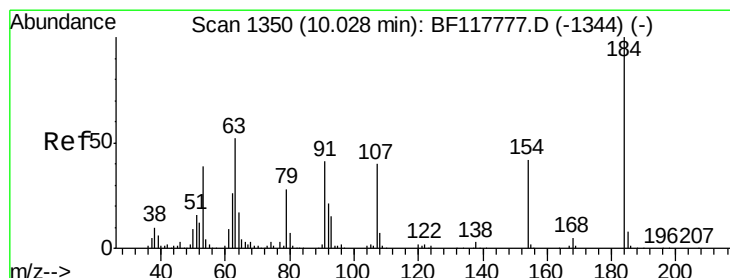
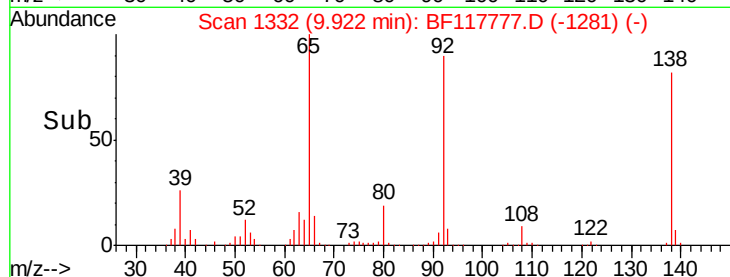
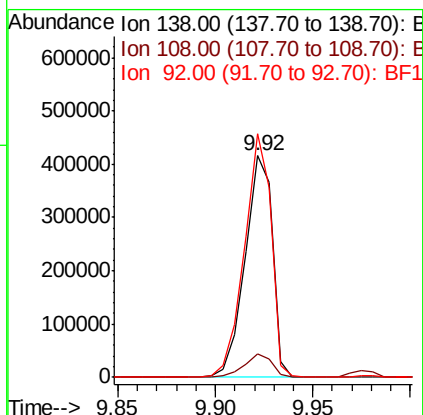
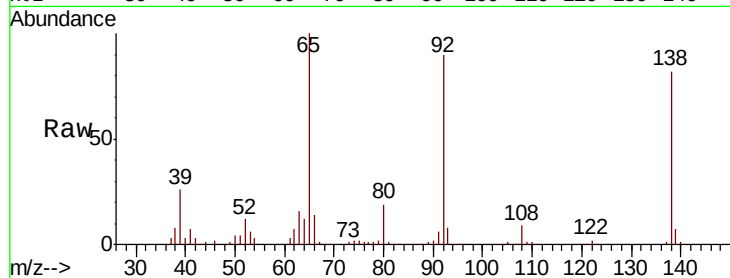




#53
 3-Nitroaniline
 Concen: 39.136 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

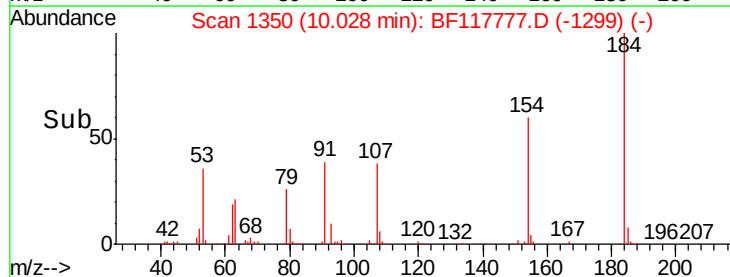
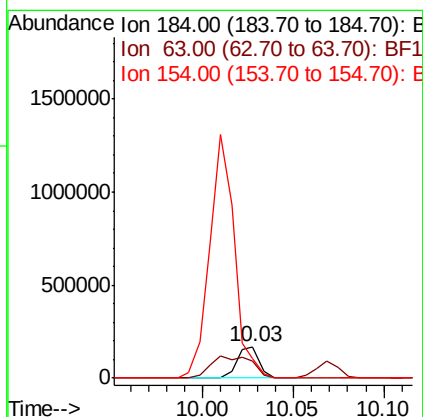
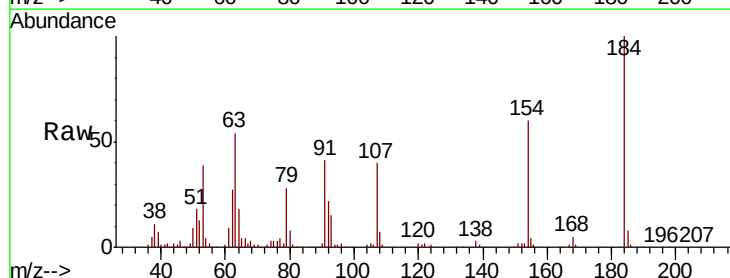
Instrument :
 BNA_F
 ClientSampleId :

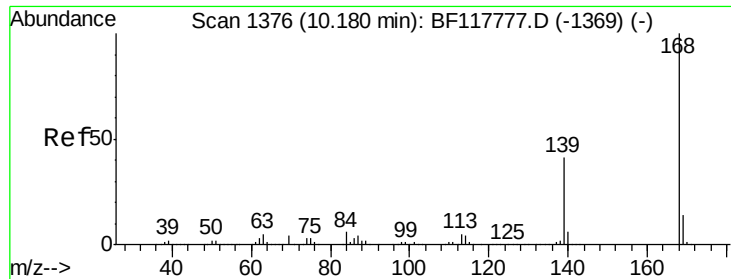
Tot Ion:138 Resp: 405270
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.6 12.8
 92 109.9 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 49.112 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion:184 Resp: 144519
 Ion Ratio Lower Upper
 184 100
 63 53.8 43.0 64.6
 154 60.0 48.0 72.0

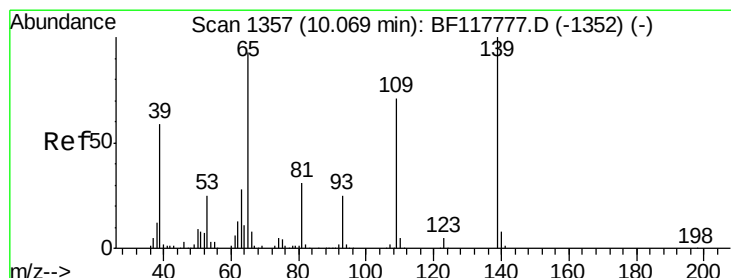
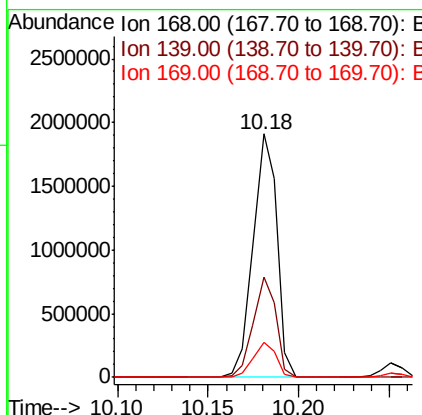
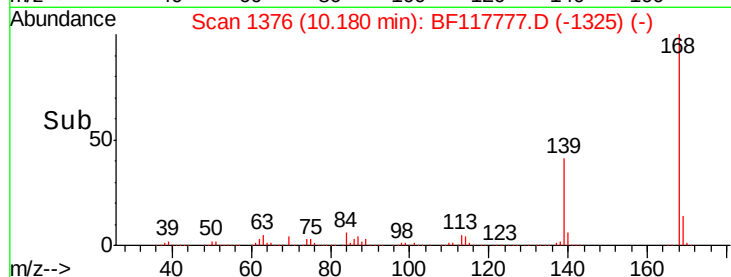
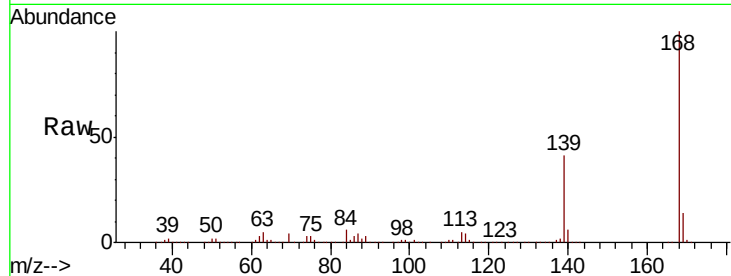




#55
 Dibenzofuran
 Concen: 40.162 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

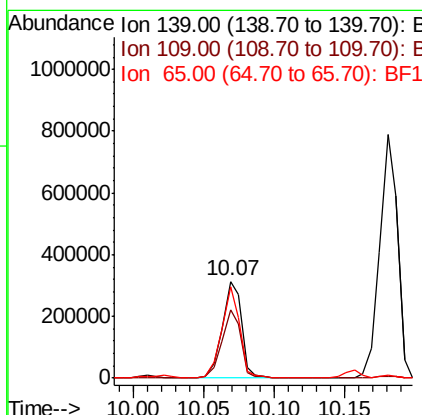
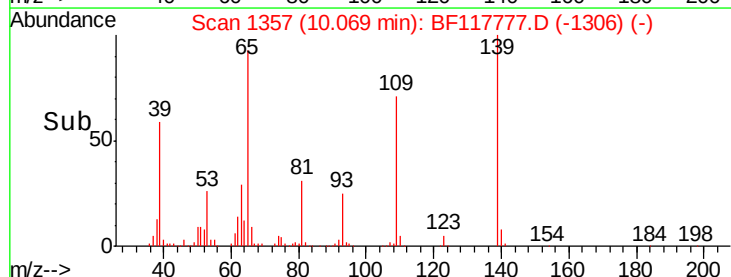
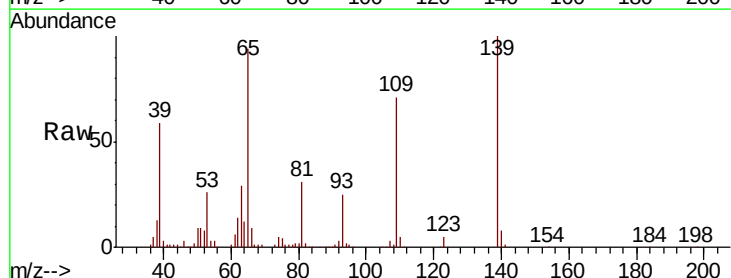
Instrument :
 BNA_F
 ClientSampled :

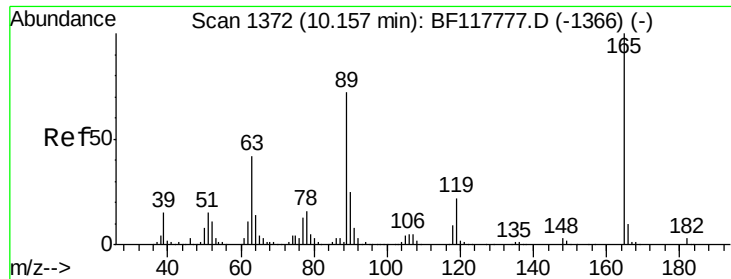
Tot Ion:168 Resp: 1740404
 Ion Ratio Lower Upper
 168 100
 139 41.3 33.0 49.6
 169 14.4 11.5 17.3



#56
 4-Nitrophenol
 Concen: 38.974 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion:139 Resp: 303520
 Ion Ratio Lower Upper
 139 100
 109 70.8 50.8 90.8
 65 93.6 73.6 113.6

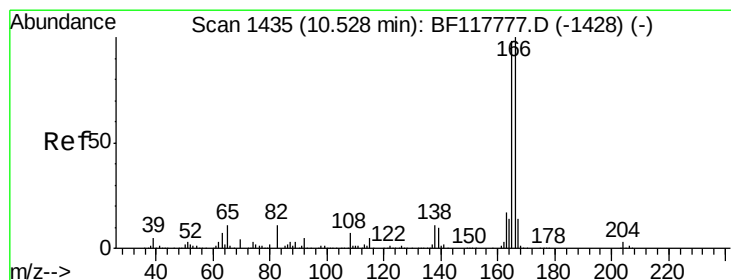
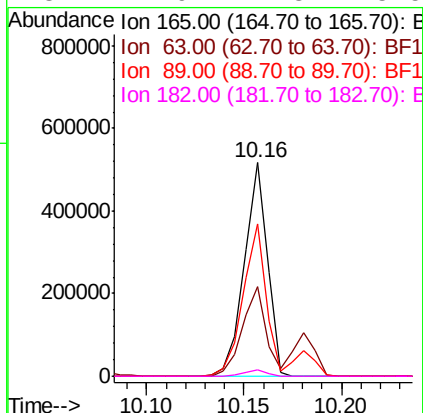
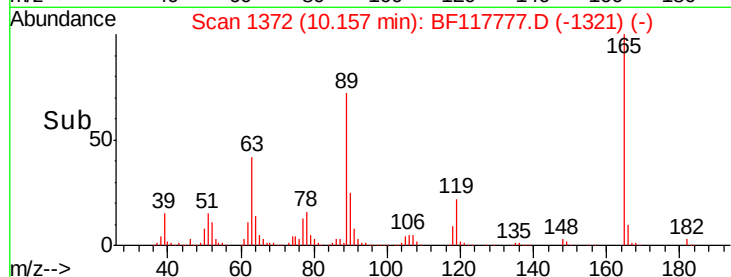
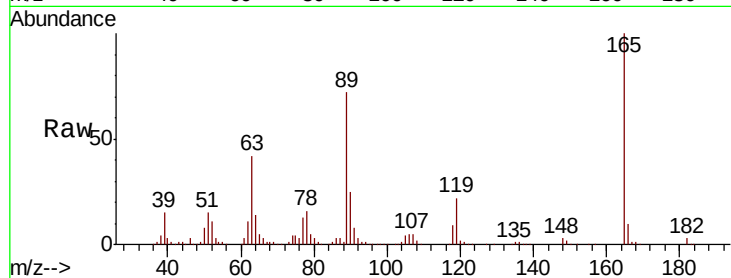




#57
 2,4-Dinitrotoluene
 Concen: 38.605 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

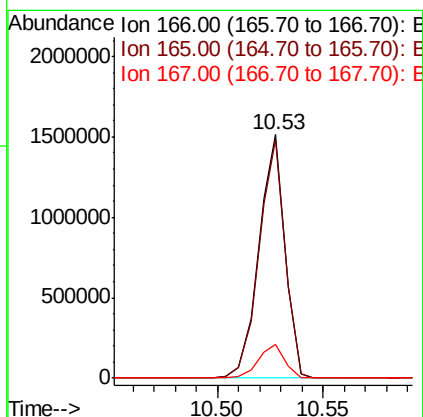
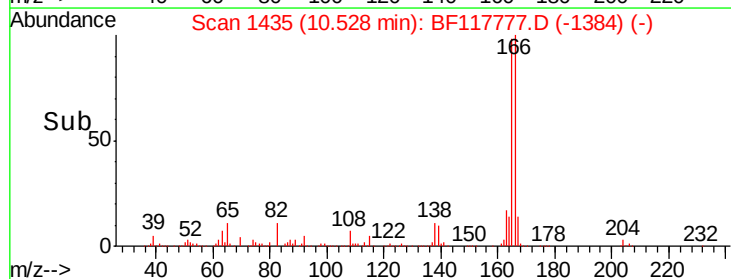
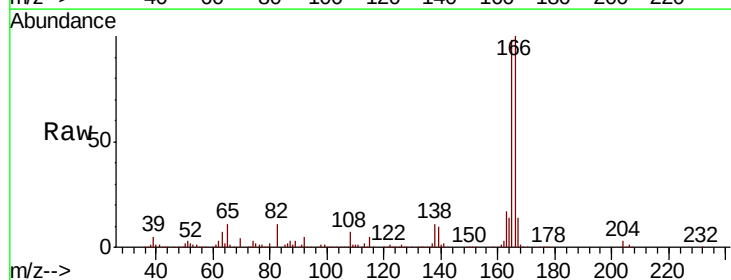
Instrument :
 BNA_F
 ClientSampleId :

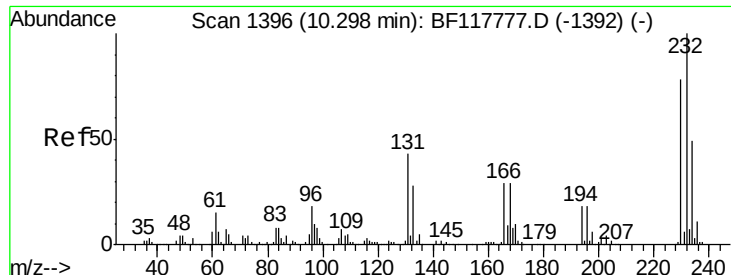
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.7	50.5
89	71.6	57.3	85.9
182	2.9	2.3	3.5



#58
 Fluorene
 Concen: 40.673 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.7	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.890 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 389252

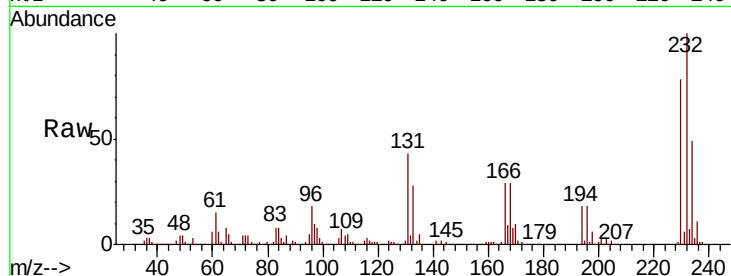
Ion Ratio Lower Upper

232 100

131 47.0 37.6 56.4

130 2.4 1.9 2.9

166 30.3 24.2 36.4

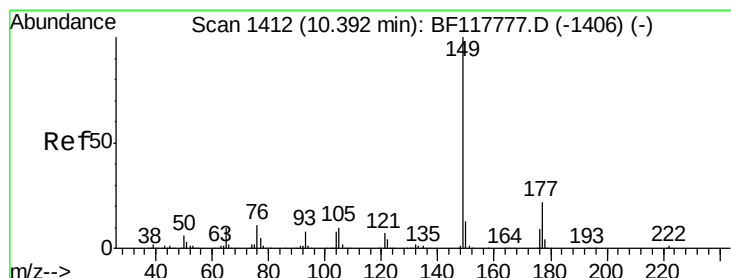
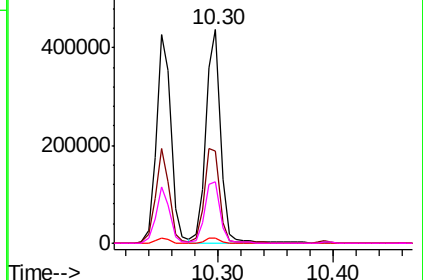
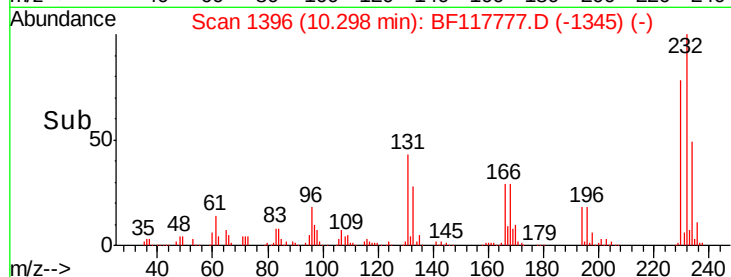


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.066 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

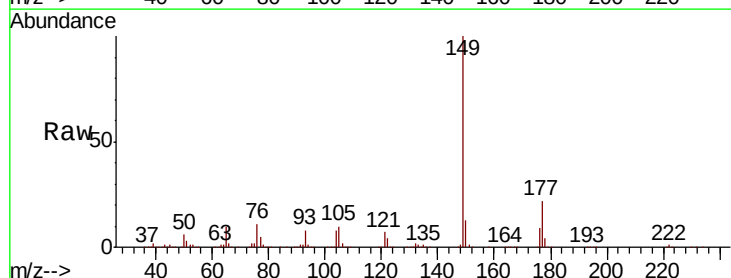
Tgt Ion:149 Resp: 1510371

Ion Ratio Lower Upper

149 100

177 22.5 18.0 27.0

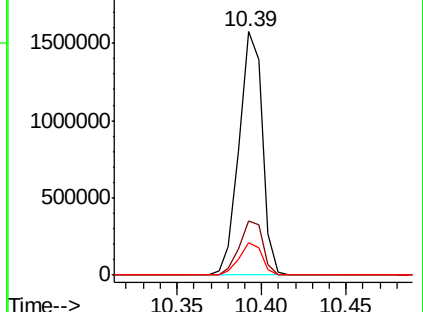
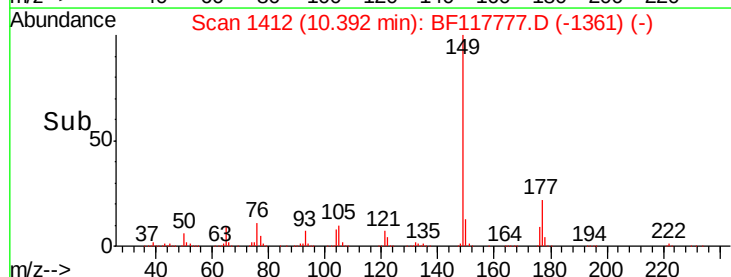
150 13.1 10.5 15.7

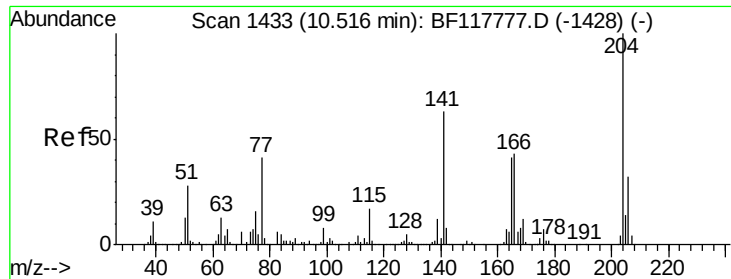


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

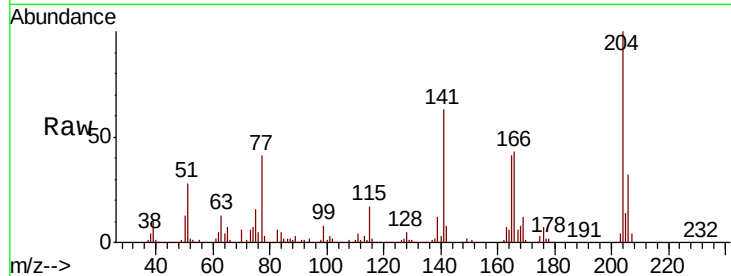




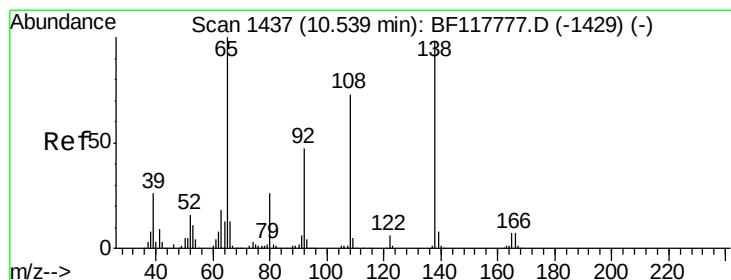
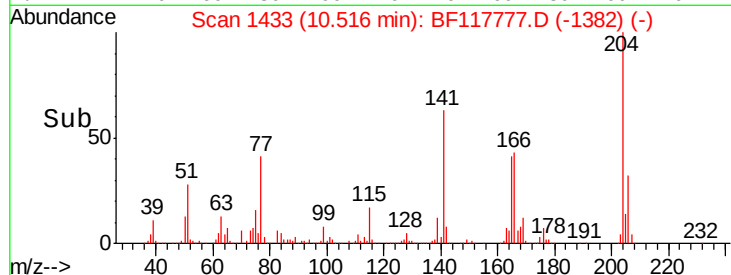
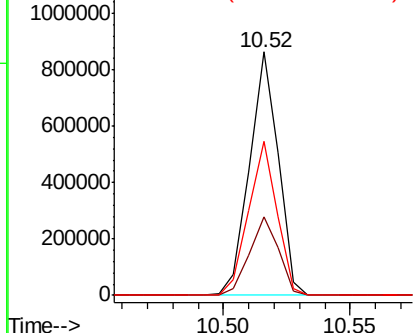
#61
 4-Chlorophenyl-phenylether
 Concen: 41.077 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 682936
 Ion Ratio Lower Upper
 204 100
 206 32.0 25.6 38.4
 141 63.4 50.7 76.1

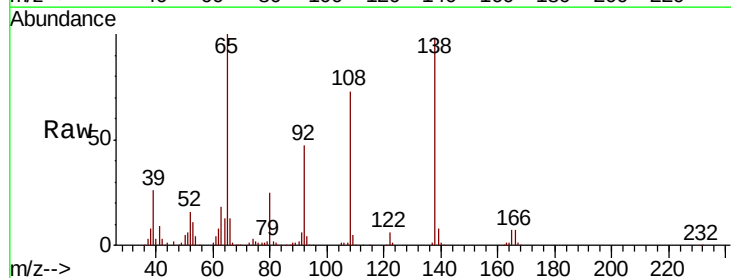


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

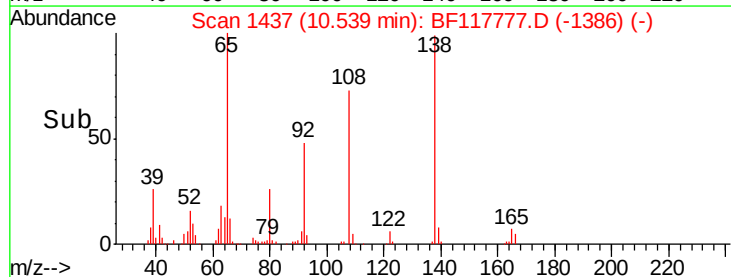
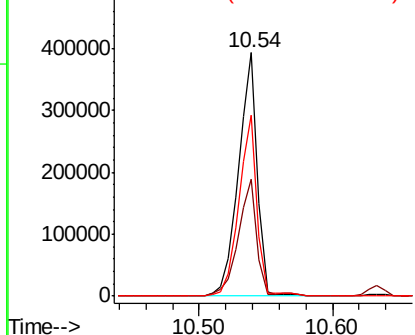


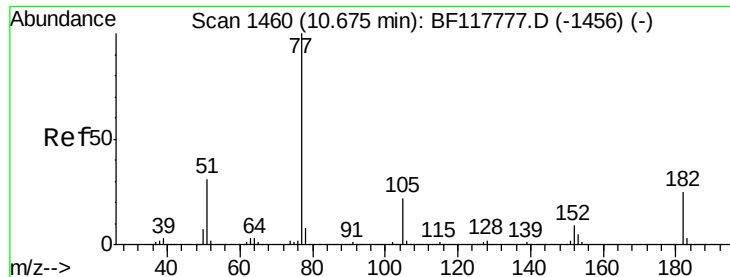
#62
 4-Nitroaniline
 Concen: 38.012 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion:138 Resp: 387425
 Ion Ratio Lower Upper
 138 100
 92 48.3 28.3 68.3
 108 74.3 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: 38.296 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

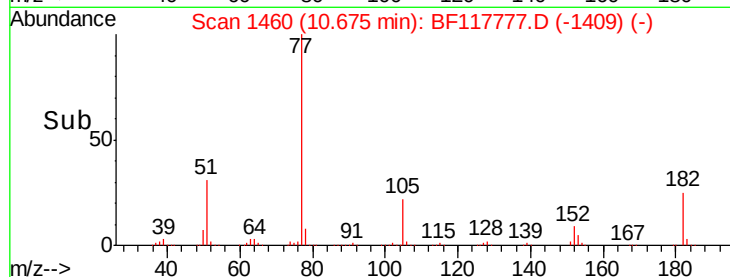
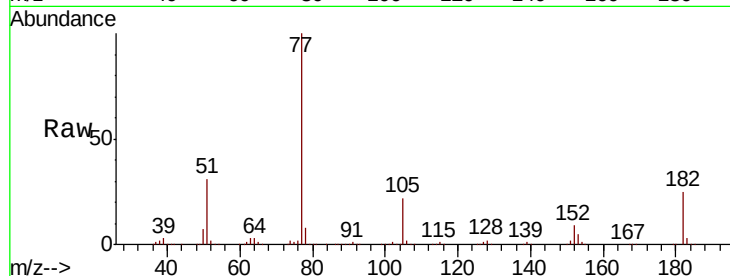
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1367356

Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.8	44.8
105	22.1	2.1	42.1
51	31.4	11.4	51.4

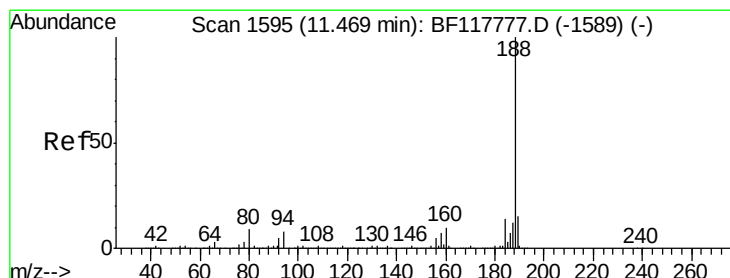


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

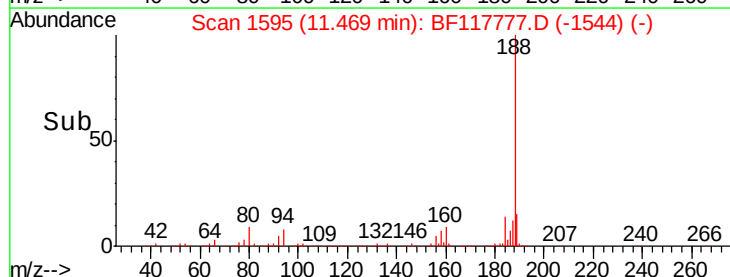
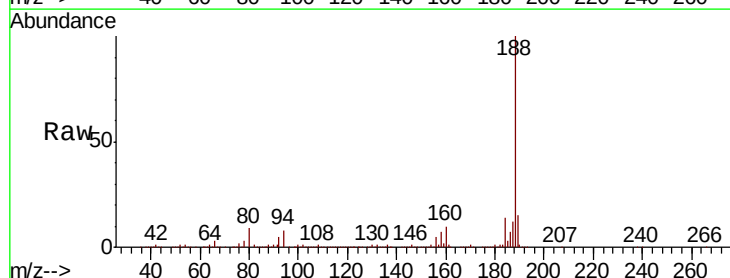
Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Tgt Ion: 188 Resp: 1058015

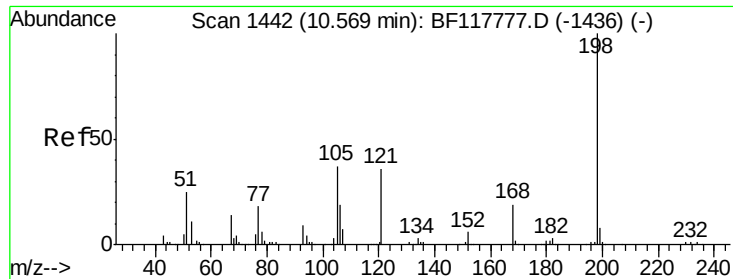
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.0	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

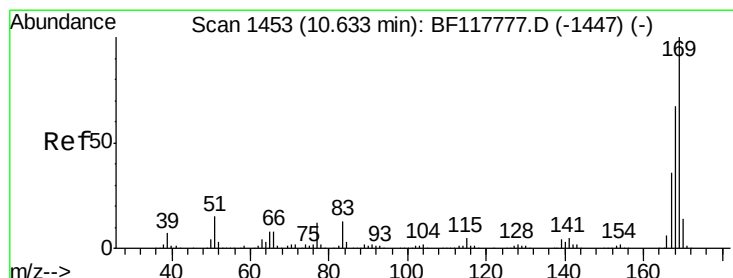
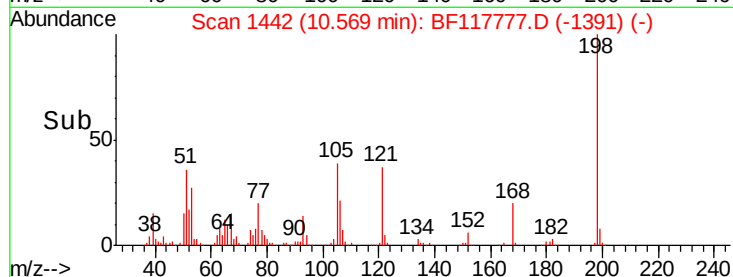
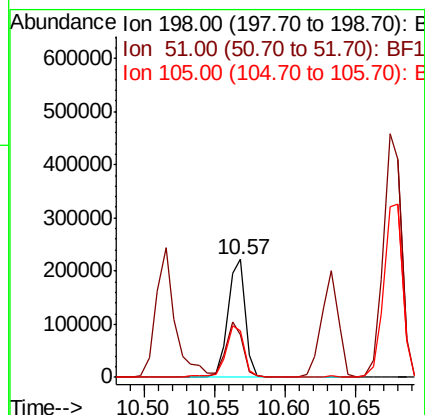
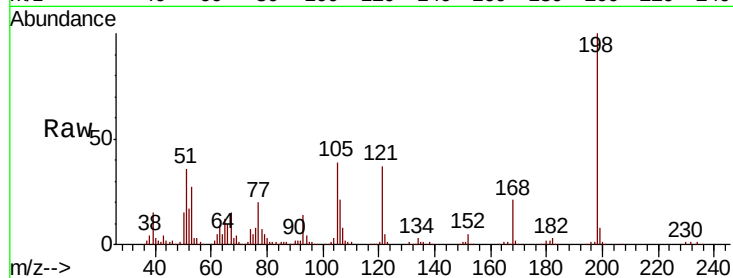
Ion 80.00 (79.70 to 80.70): BF1



#65
4,6-Dinitro-2-methylphenol
Concen: 44.953 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

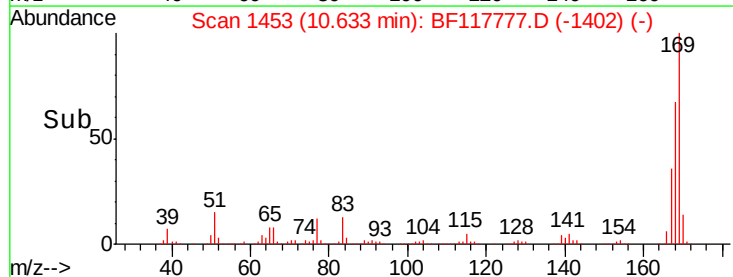
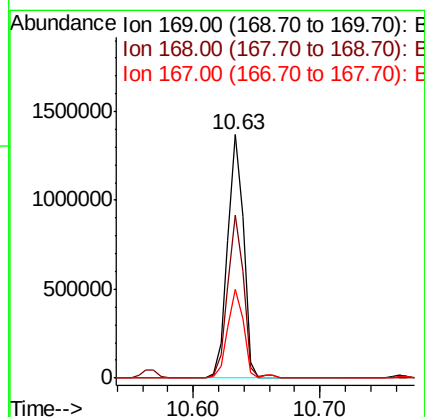
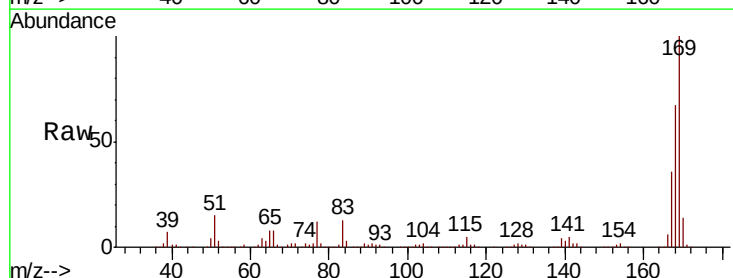
Instrument :
BNA_F
ClientSampled :

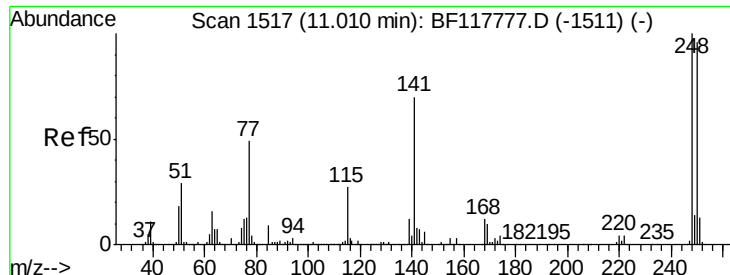
Tot Ion:198 Resp: 189915
Ion Ratio Lower Upper
198 100
51 36.0 16.0 56.0
105 39.1 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 38.246 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:169 Resp: 1195119
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.2 29.0 43.4

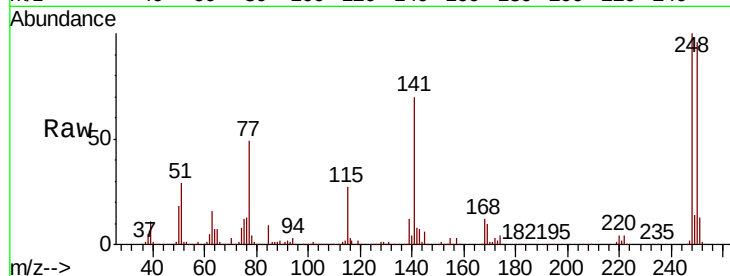




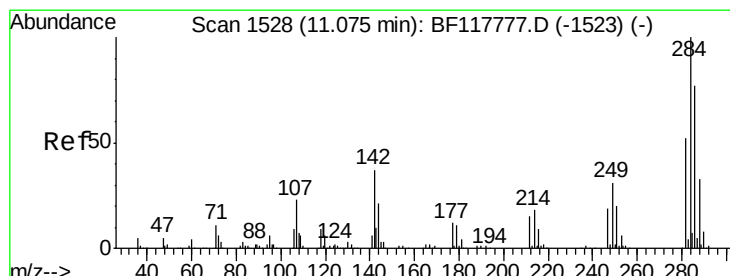
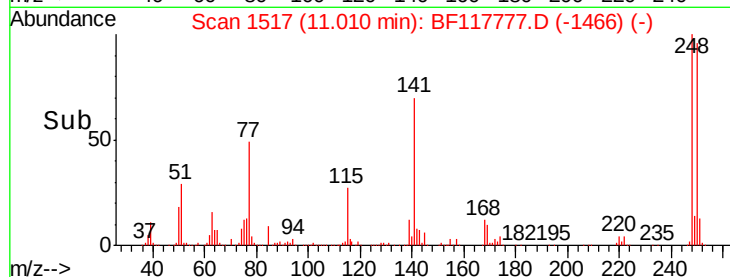
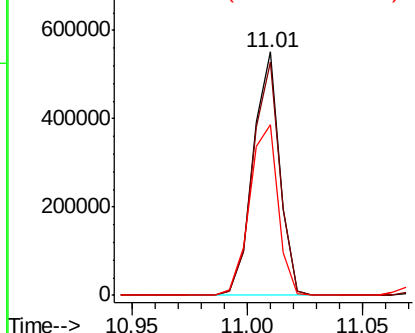
#67
4-Bromophenyl-phenylether
Concen: 38.472 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 444529
Ion Ratio Lower Upper
248 100
250 95.8 76.6 115.0
141 69.9 55.9 83.9

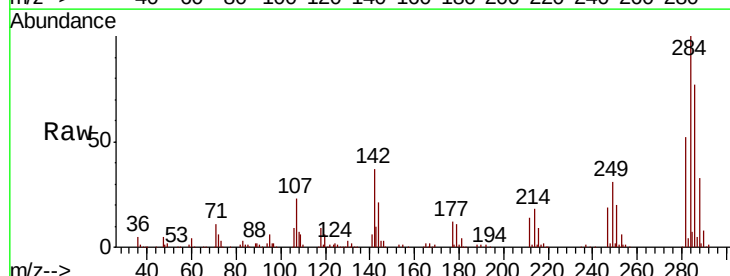


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

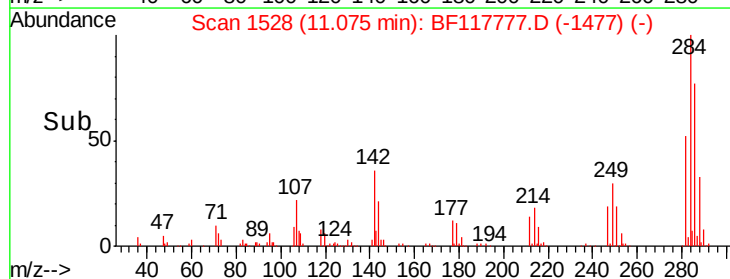
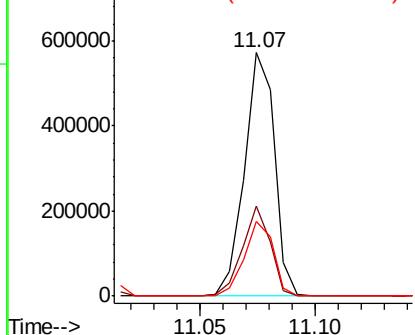


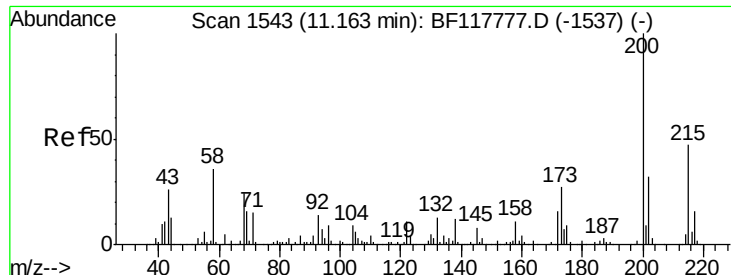
#68
Hexachlorobenzene
Concen: 39.012 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:284 Resp: 520741
Ion Ratio Lower Upper
284 100
142 36.8 29.4 44.2
249 30.8 24.6 37.0



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

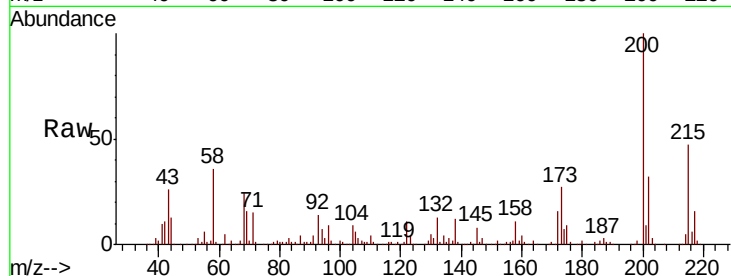




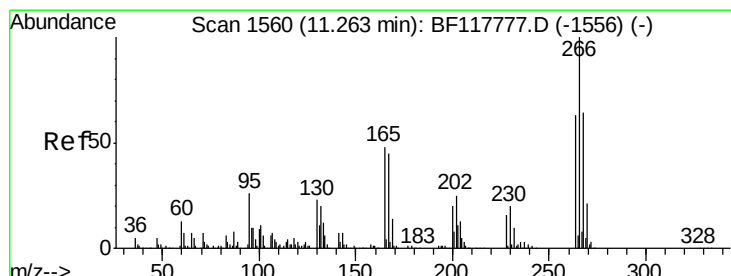
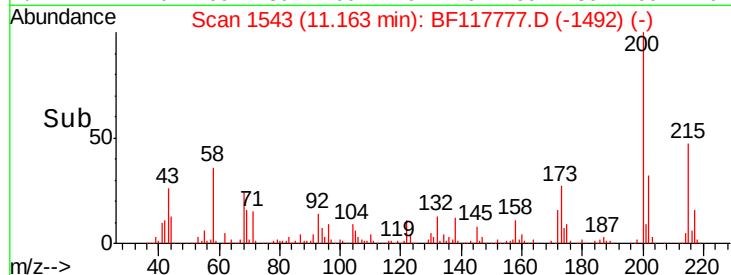
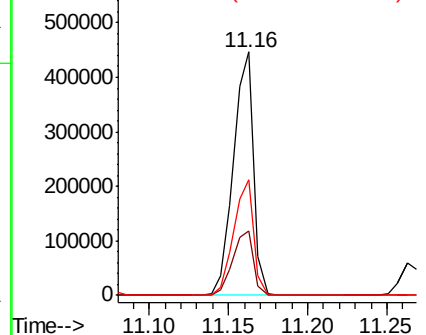
#69
 Atrazine
 Concen: 38.082 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 392145
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.7 46.7
 215 47.5 27.5 67.5

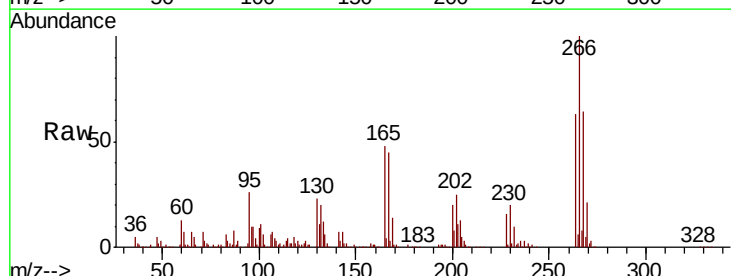


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

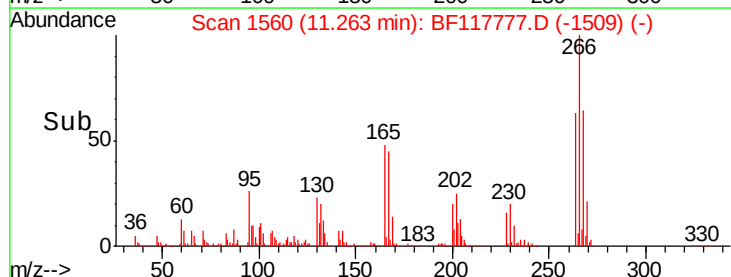
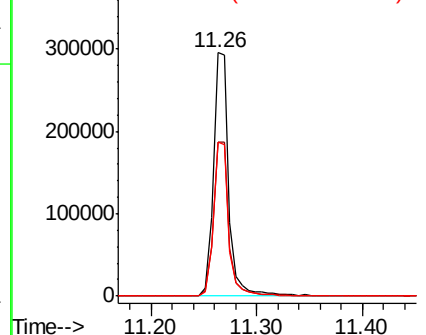


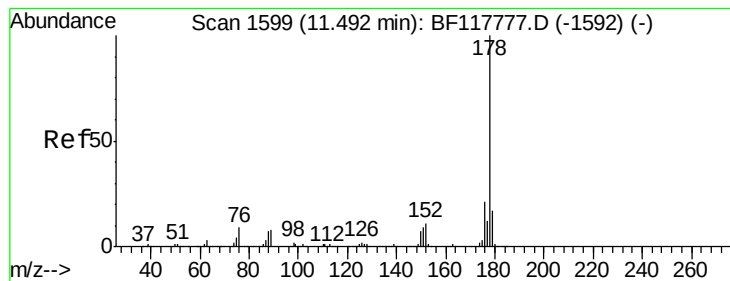
#70
 Pentachlorophenol
 Concen: 40.579 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion:266 Resp: 302794
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.8 76.2
 264 63.4 50.7 76.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.601 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

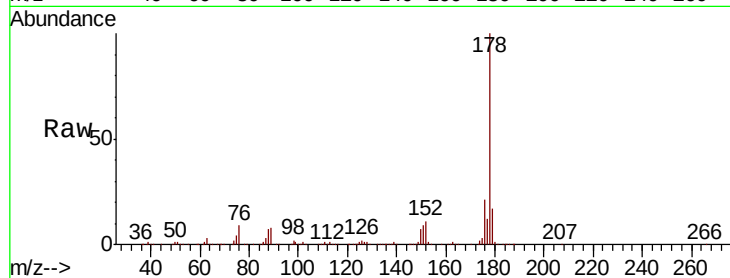
Tot Ion:178 Resp: 2008248

Ion Ratio Lower Upper

178 100

176 20.8 16.6 25.0

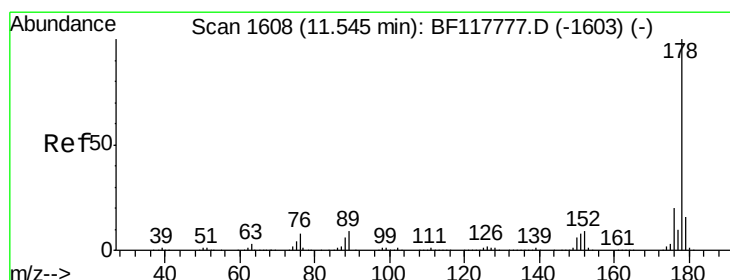
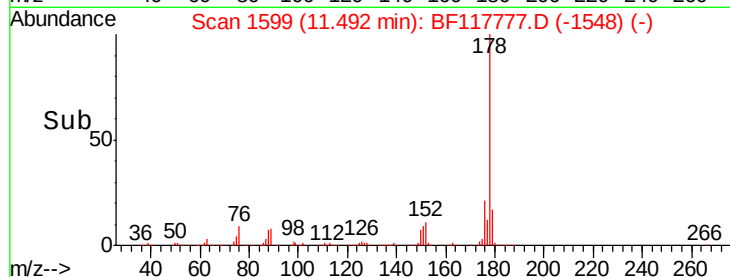
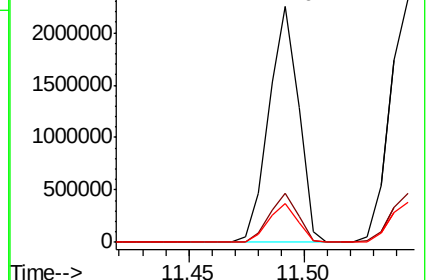
179 16.5 13.2 19.8



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: 39.317 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

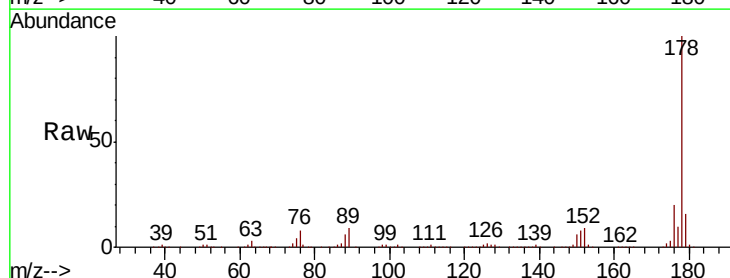
Tgt Ion:178 Resp: 1983688

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

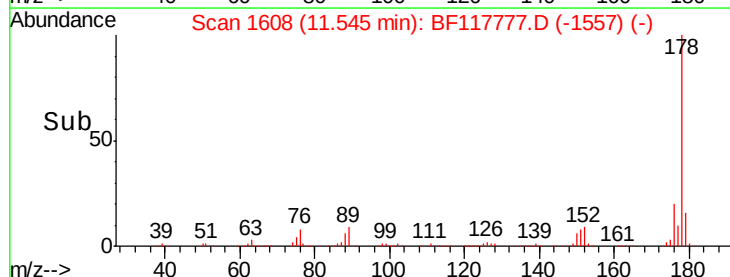
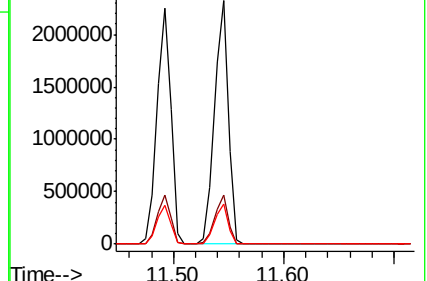
179 16.2 13.0 19.4

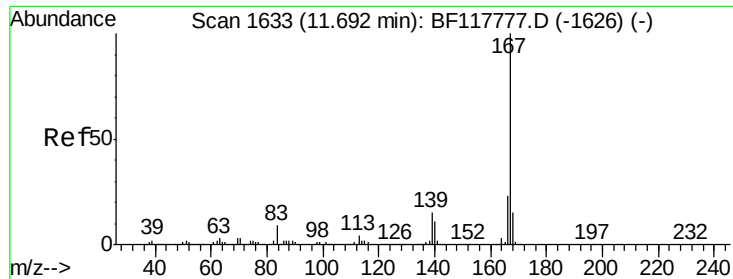


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



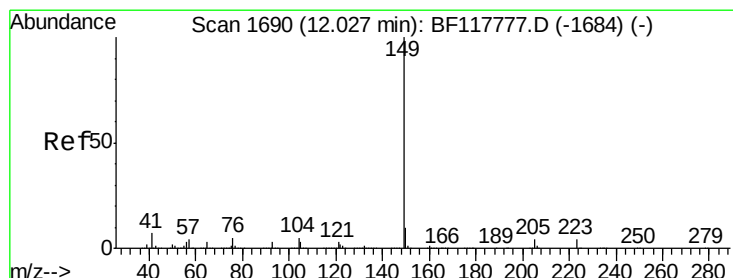
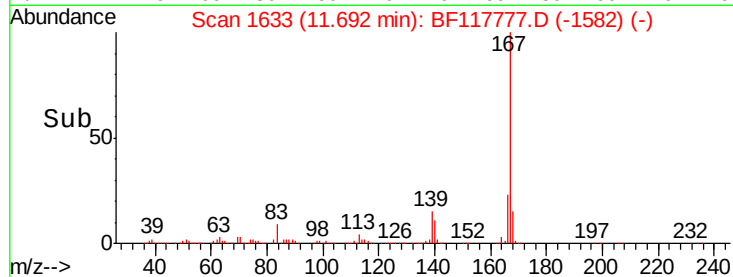
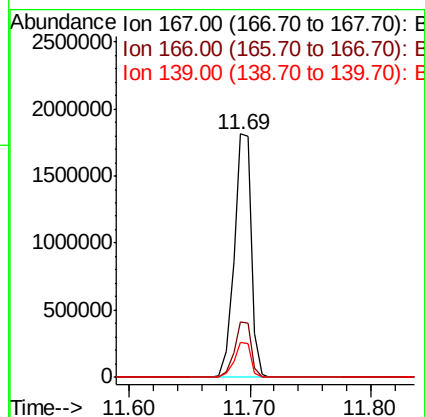
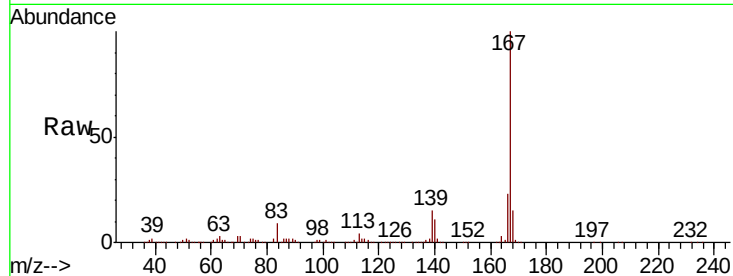


#73
 Carbazole
 Concen: 38.696 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1784751

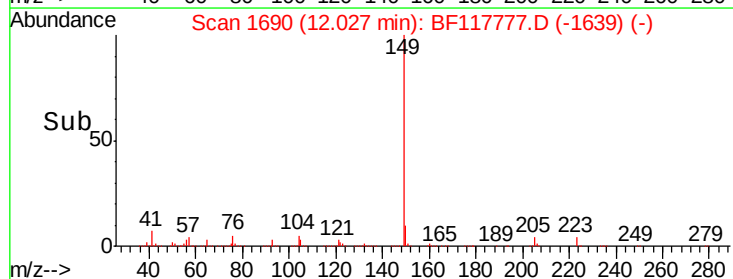
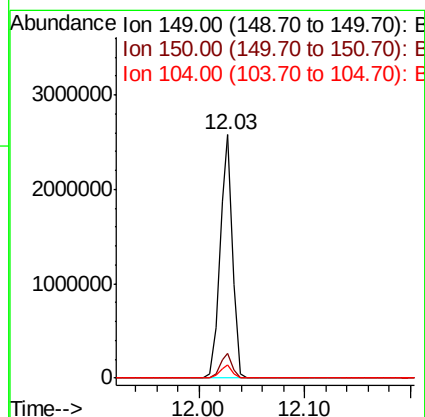
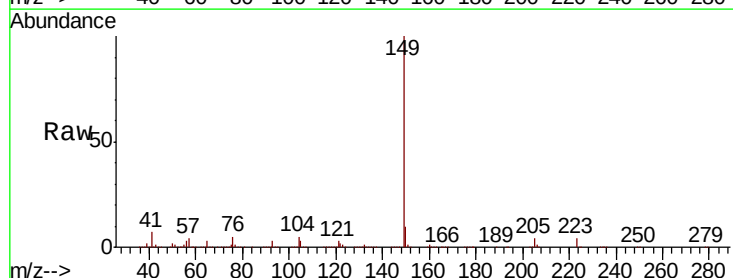
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.6	11.7	17.5

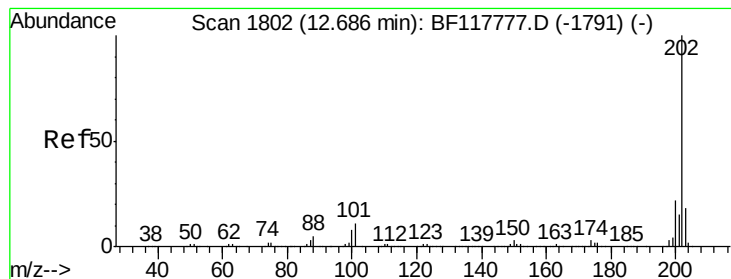


#74
 Di-n-butylphthalate
 Concen: 38.369 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion:149 Resp: 2151887

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.3	4.2	6.4

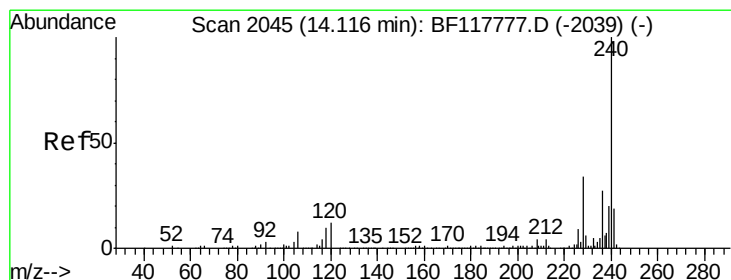
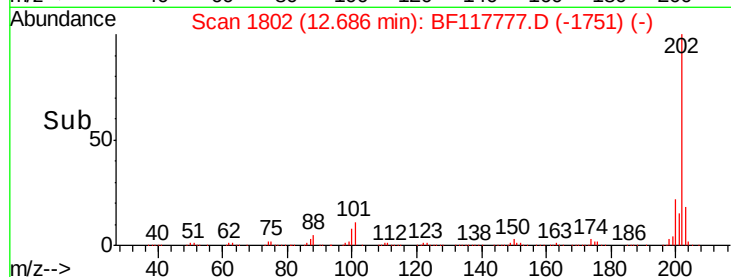
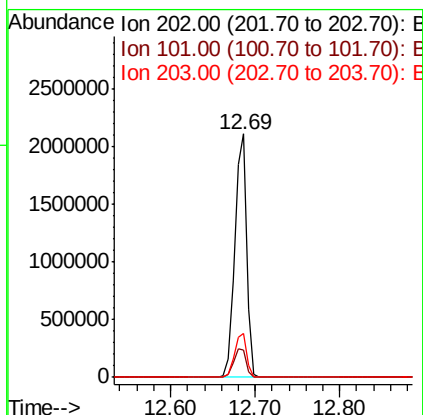
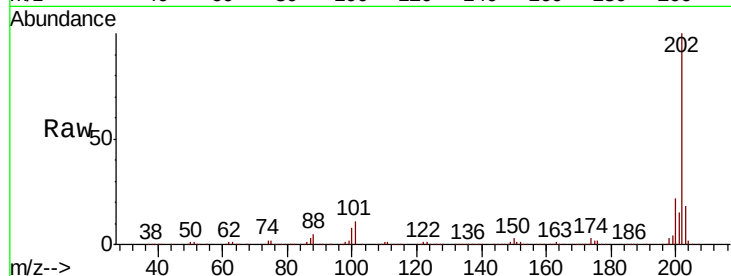




#75
 Fluoranthene
 Concen: 38.263 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

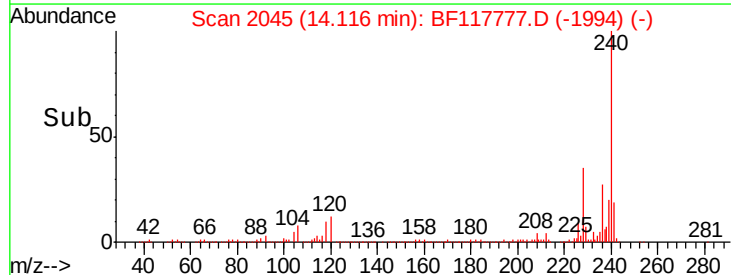
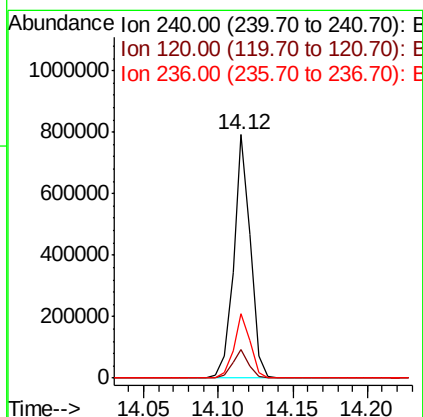
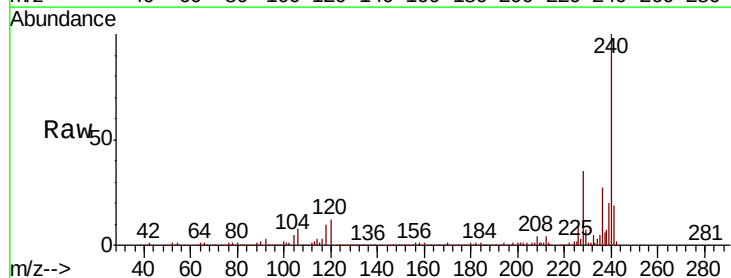
Instrument :
 BNA_F
 ClientSampled :

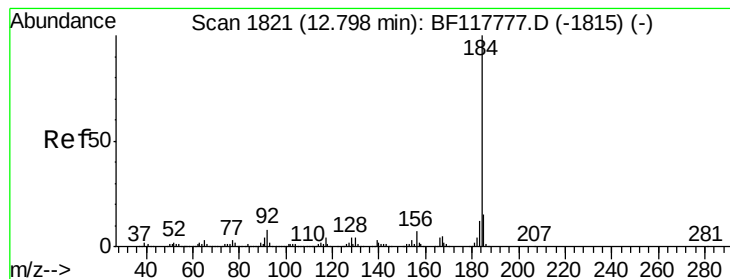
Tot Ion:202 Resp: 1981333
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.1
 203 18.2 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF117777.D
 Acq: 13 Nov 2019 15:57

Tgt Ion:240 Resp: 625325
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 26.6 21.3 31.9





#77

Benzidine

Concen: 37.777 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

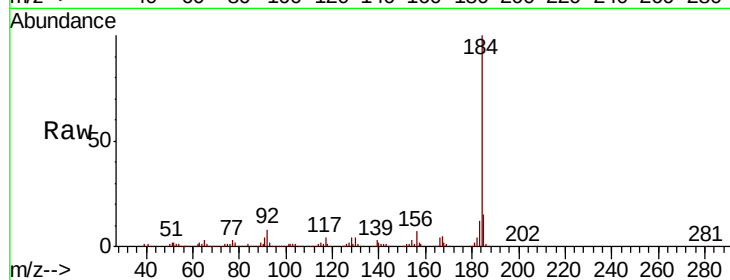
Tot Ion:184 Resp: 821291

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	11.9	9.5	14.3

184 100

185 15.3 12.2 18.4

183 11.9 9.5 14.3

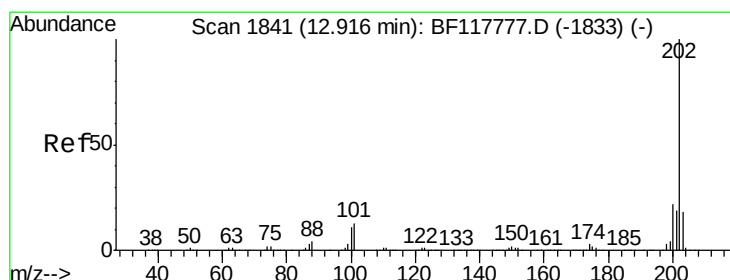
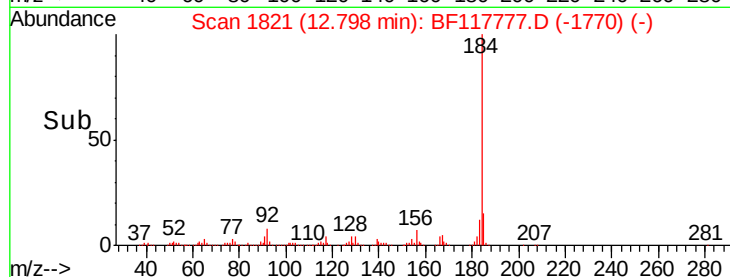
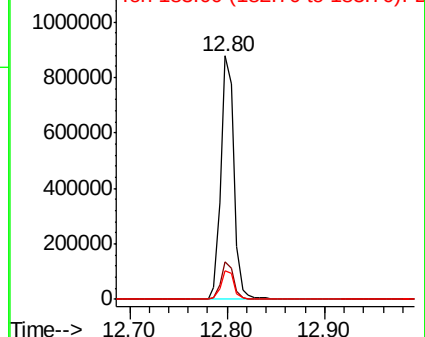


Abundance

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: 42.922 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

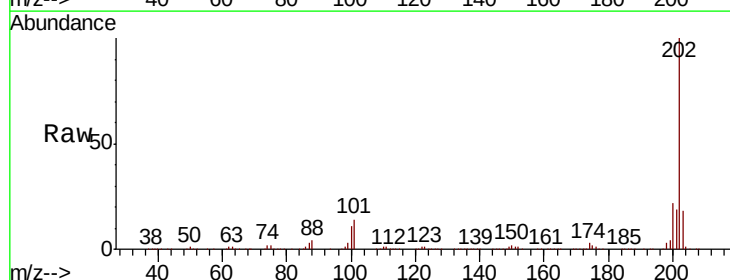
Tgt Ion:202 Resp: 1959311

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.8
203	18.3	14.6	22.0

202 100

200 22.3 17.8 26.8

203 18.3 14.6 22.0

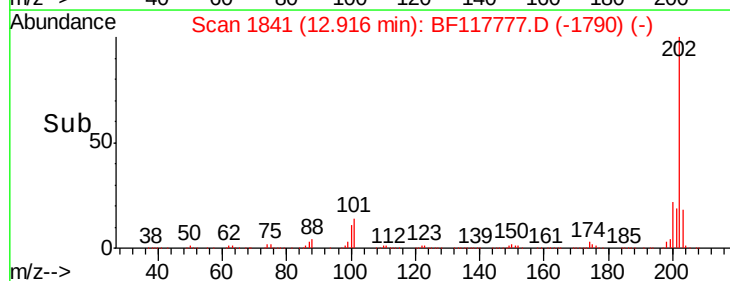
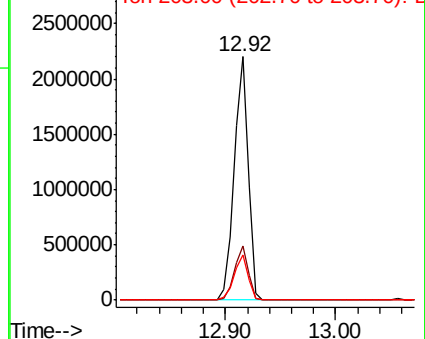


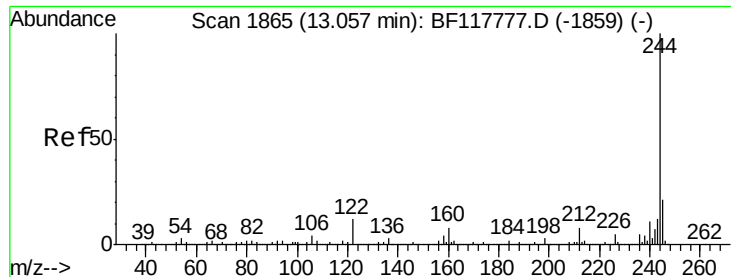
Abundance

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: 86.994 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

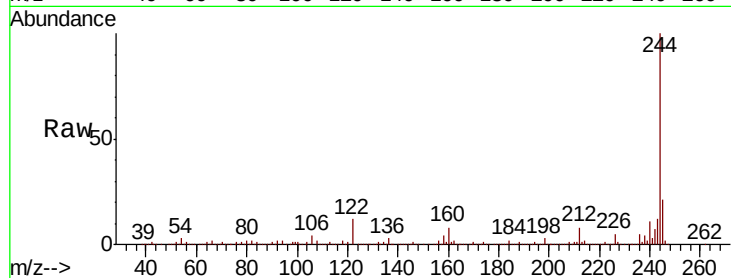
Tot Ion:244 Resp: 2642558

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

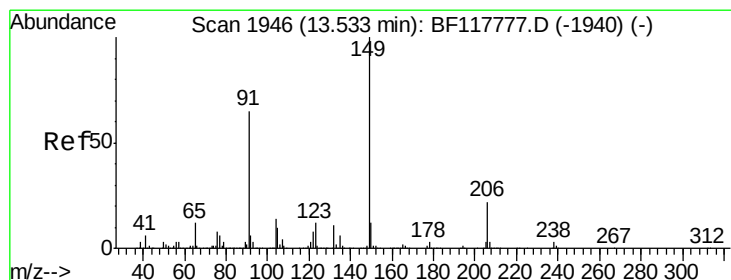
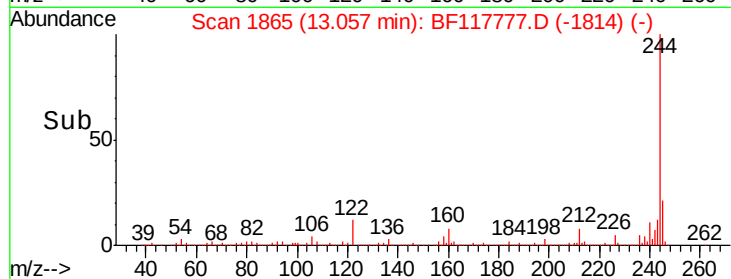
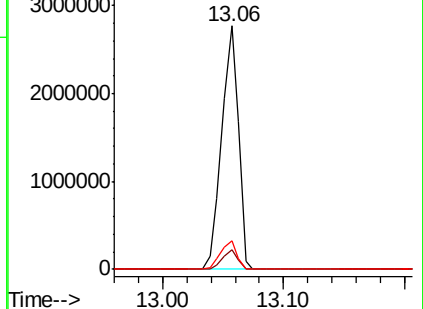
122 11.8 9.4 14.2



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: 39.136 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

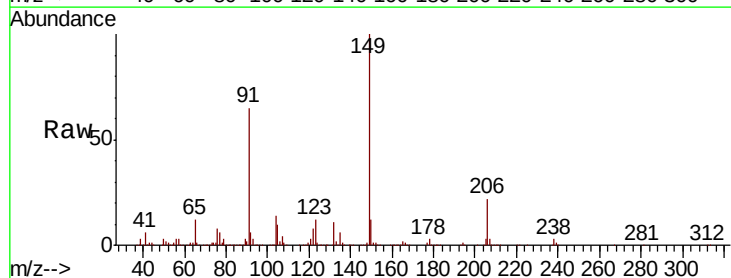
Tgt Ion:149 Resp: 825173

Ion Ratio Lower Upper

149 100

91 64.9 51.9 77.9

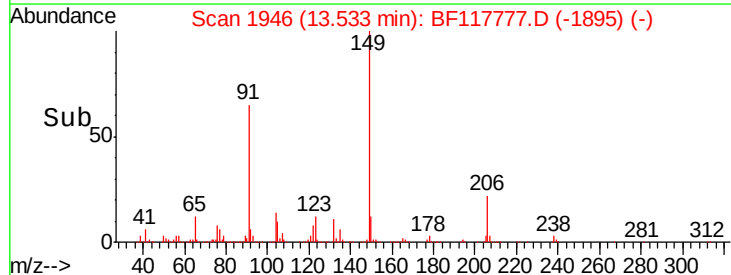
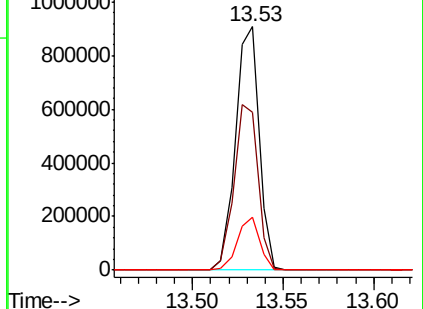
206 21.5 17.2 25.8

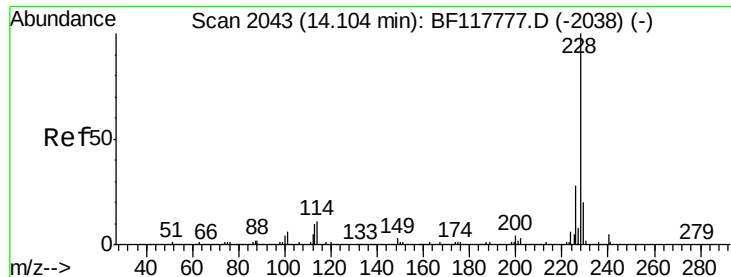


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.794 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

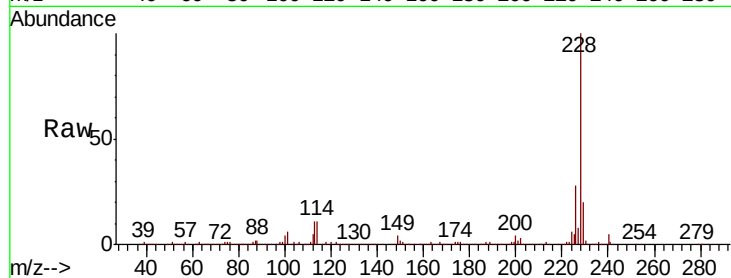
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1587881

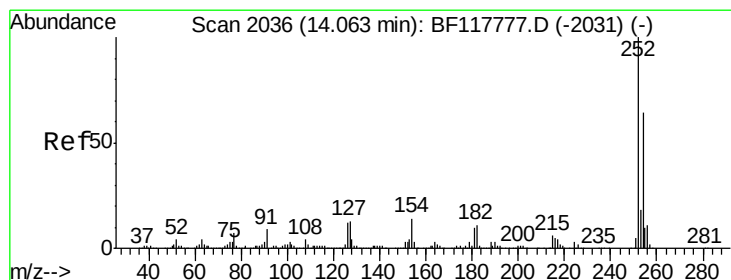
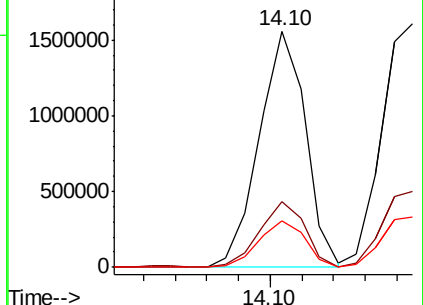
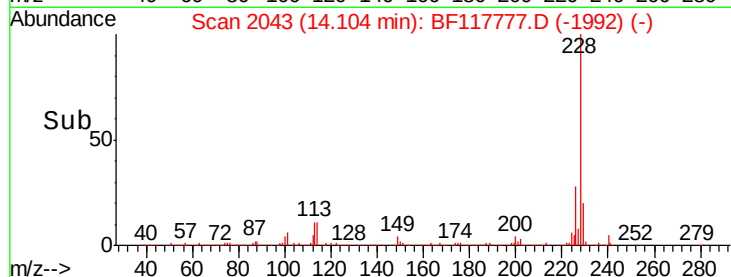
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.9	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.747 ng

RT: 14.06 min Scan# 2036

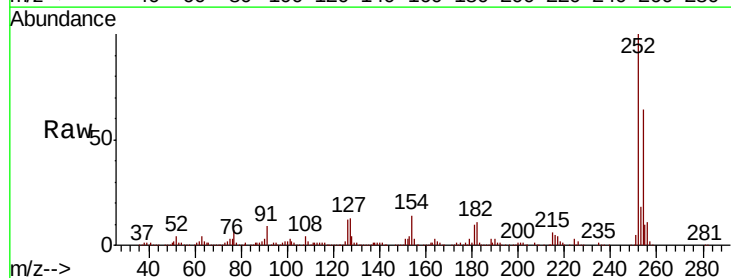
Delta R.T. 0.00 min

Lab File: BF117777.D

Acq: 13 Nov 2019 15:57

Tgt Ion:252 Resp: 563277

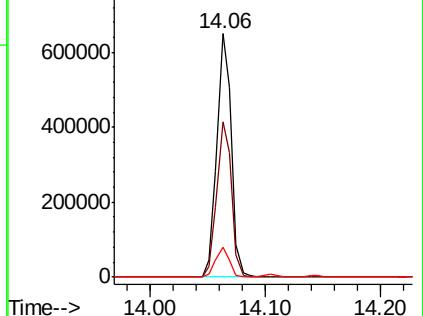
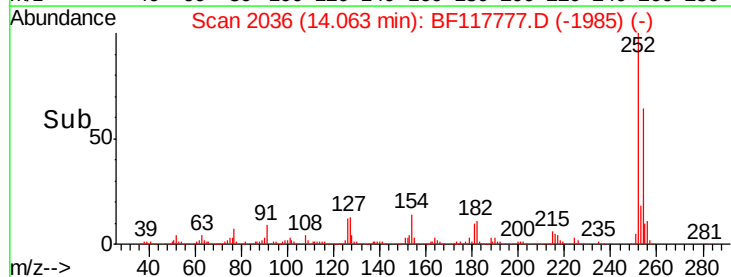
Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	12.1	9.7	14.5

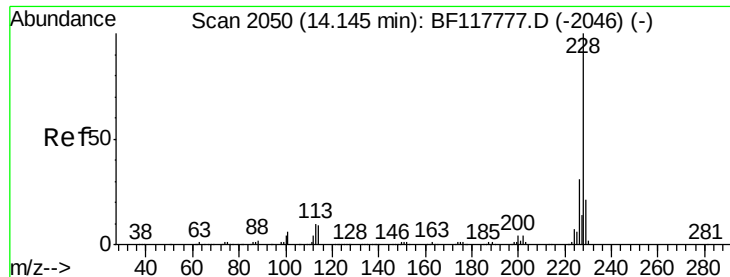


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

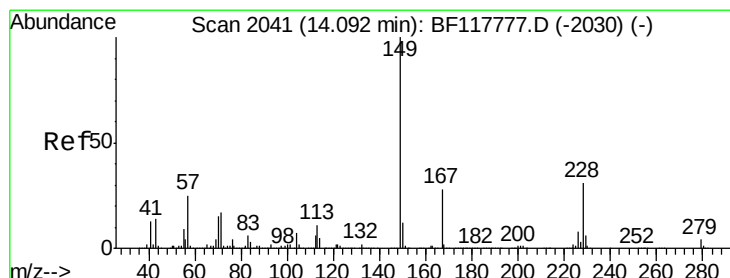
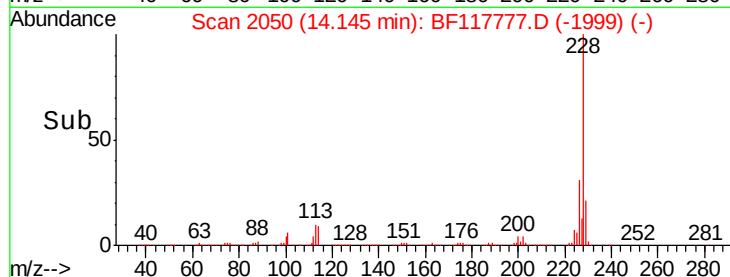
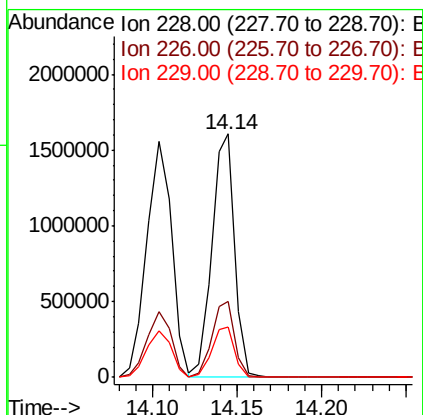
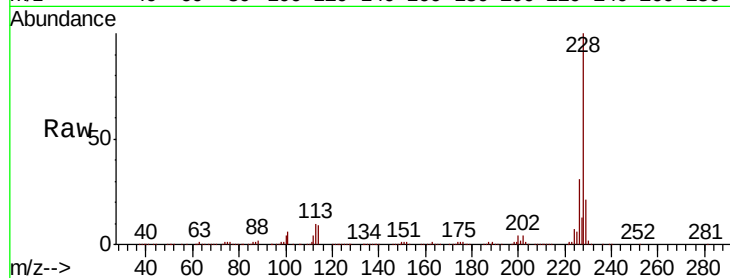




#83
Chrysene
Concen: 39.198 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

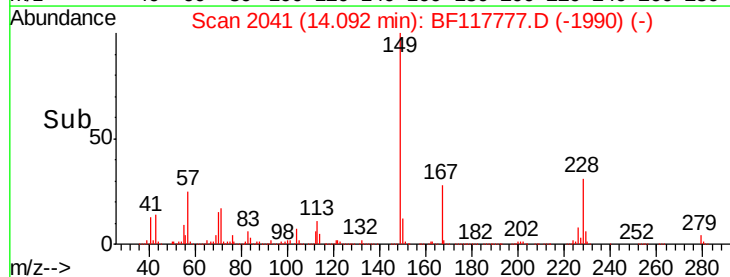
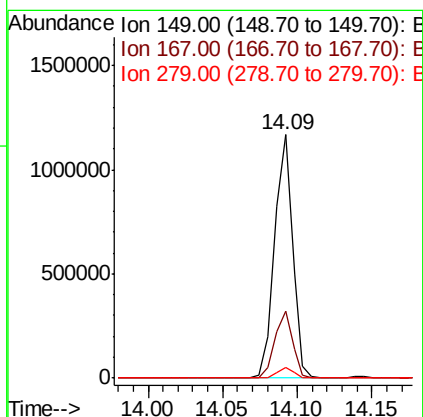
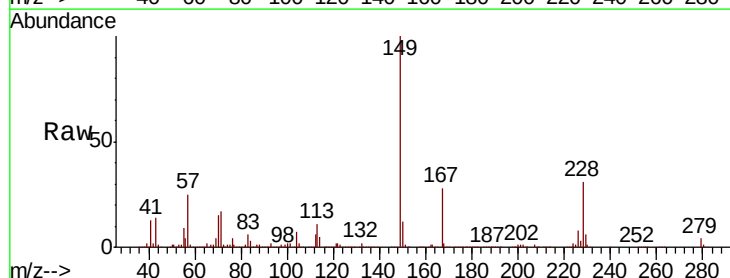
Instrument :
BNA_F
ClientSampleId :

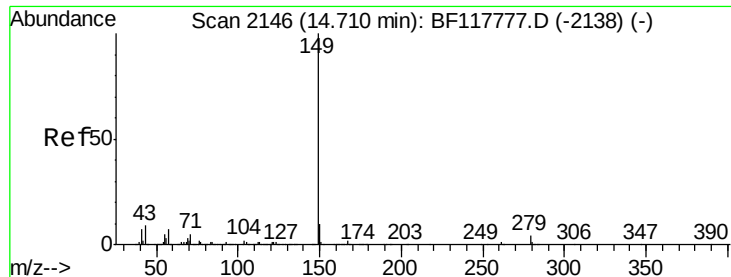
Tot Ion:228 Resp: 1506724
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.4
229 20.8 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.094 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:149 Resp: 981710
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.3 3.4 5.2

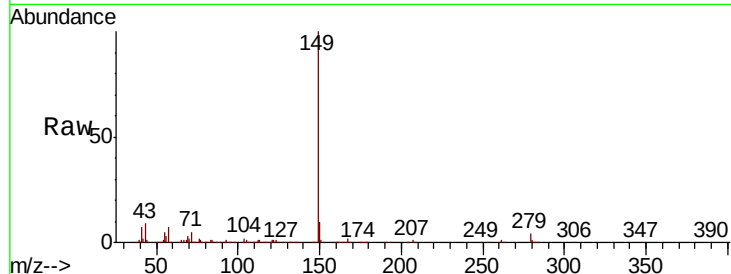




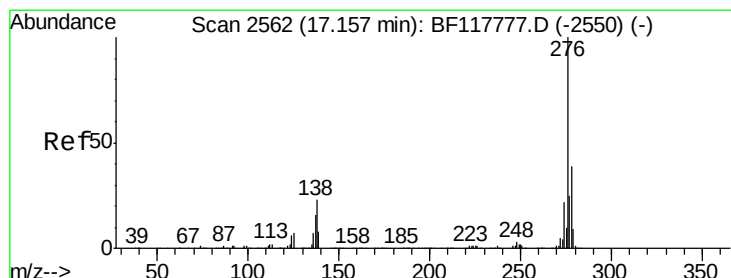
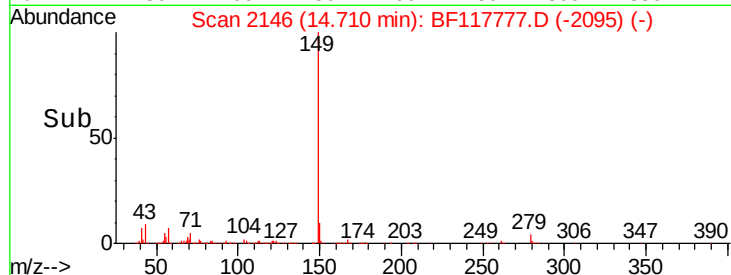
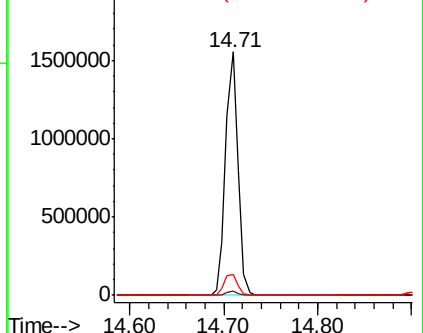
#85
Di-n-octyl phthalate
Concen: 33.411 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1429989
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 7.4 11.2

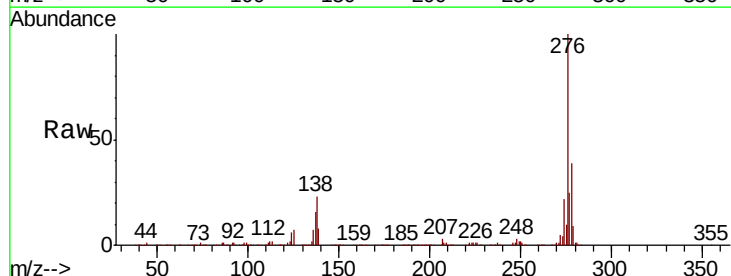


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

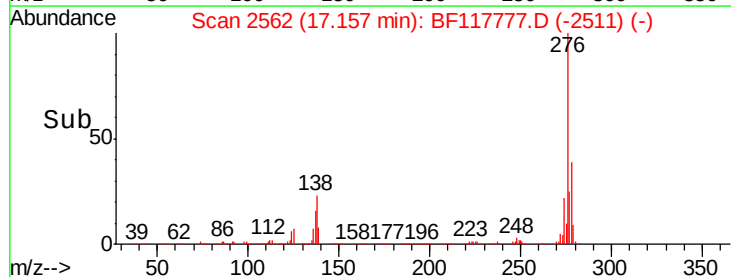
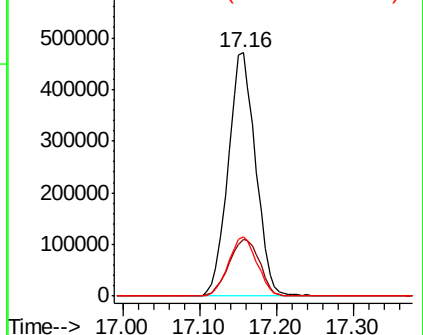


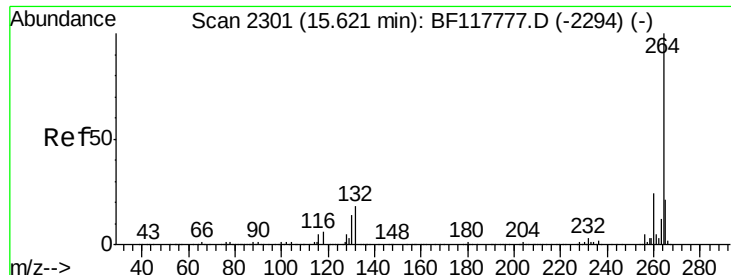
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.849 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:276 Resp: 1175261
Ion Ratio Lower Upper
276 100
138 26.1 20.9 31.3
277 25.4 20.3 30.5



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

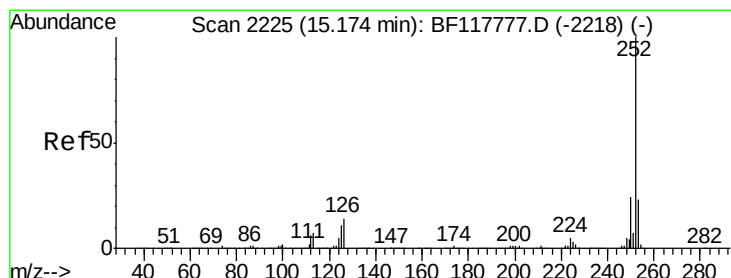
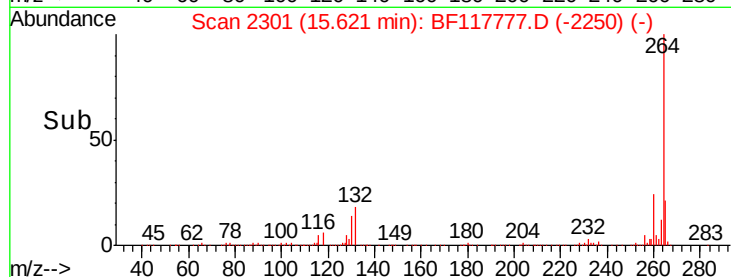
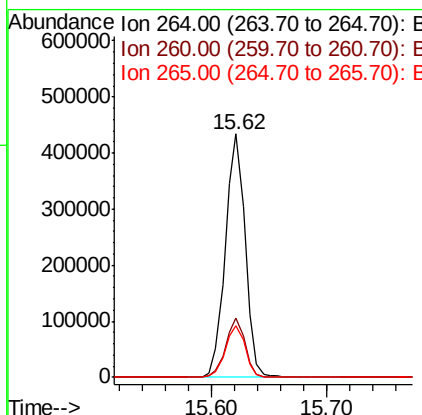
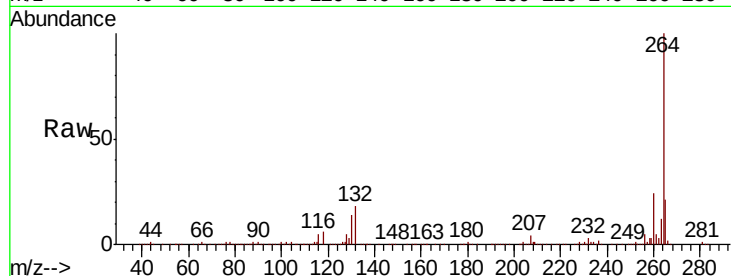




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

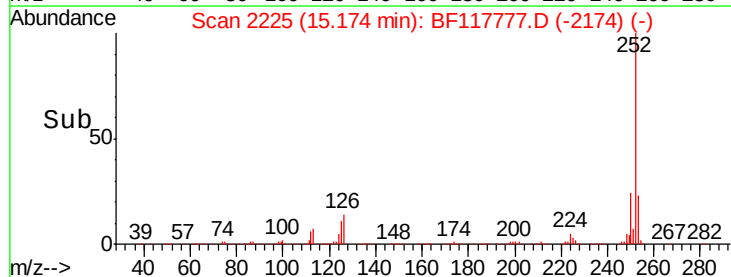
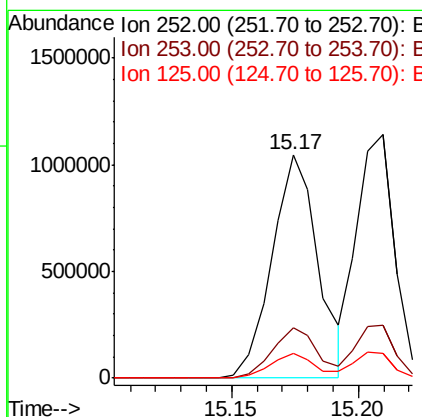
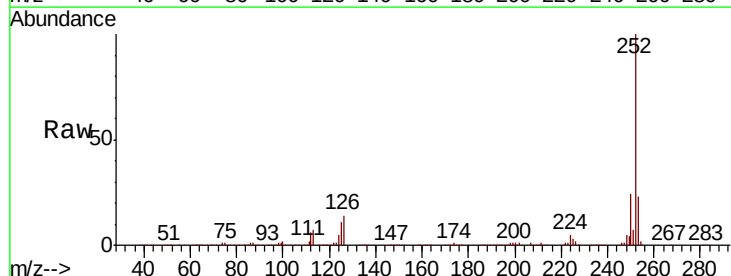
Instrument :
BNA_F
ClientSampled :

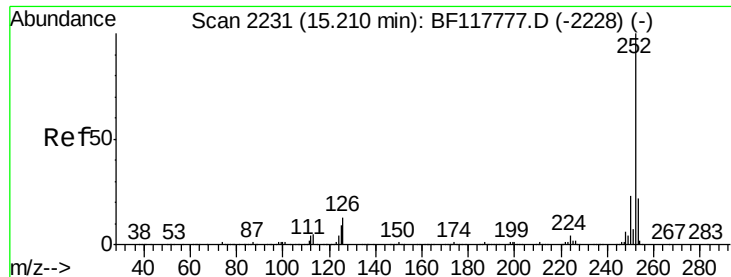
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.4	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 40.900 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.8	8.6	13.0

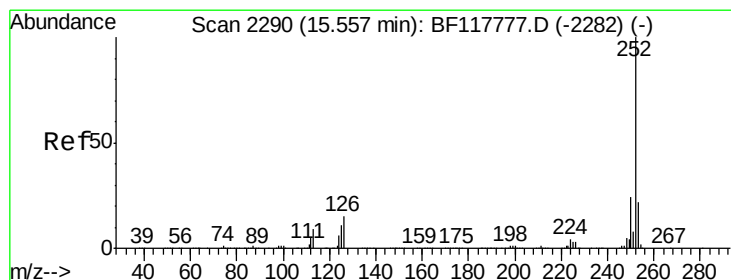
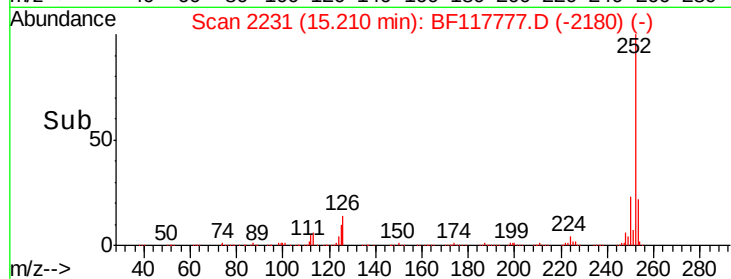
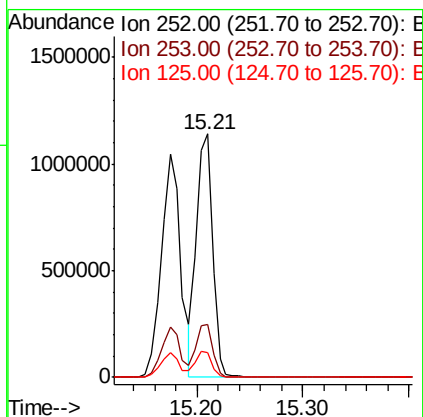
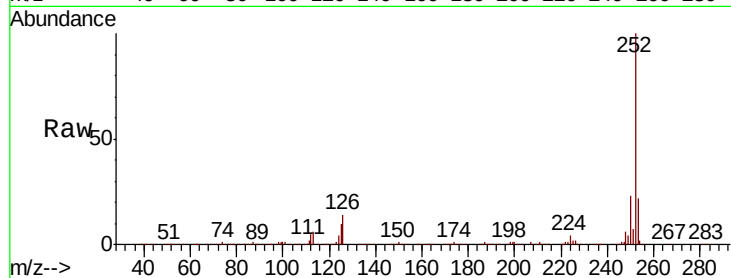




#89
Benzo(k)fluoranthene
Concen: 41.236 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

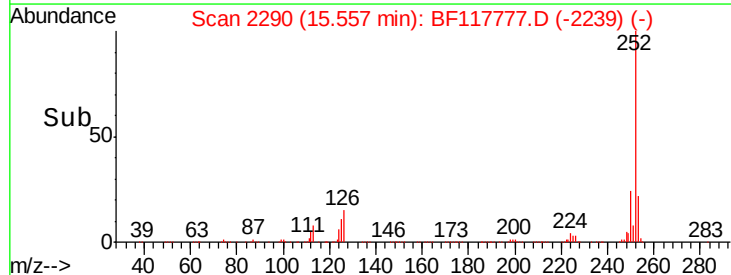
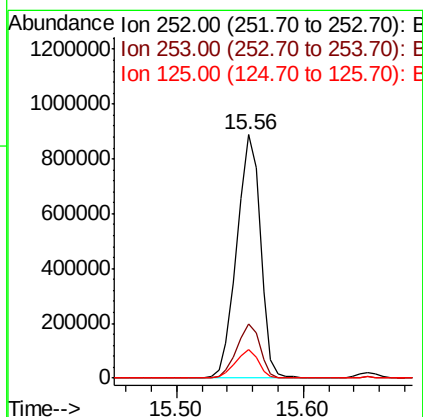
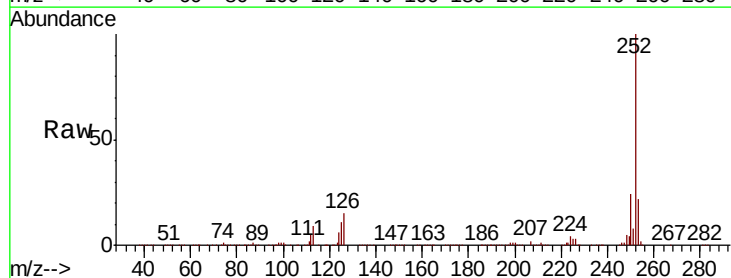
Instrument :
BNA_F
ClientSampleId :

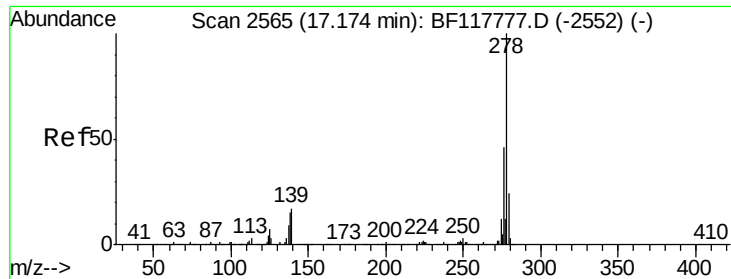
Tot Ion:252 Resp: 1195736
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.9 7.9 11.9



#90
Benzo(a)pyrene
Concen: 40.605 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion:252 Resp: 1144416
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.5 9.2 13.8

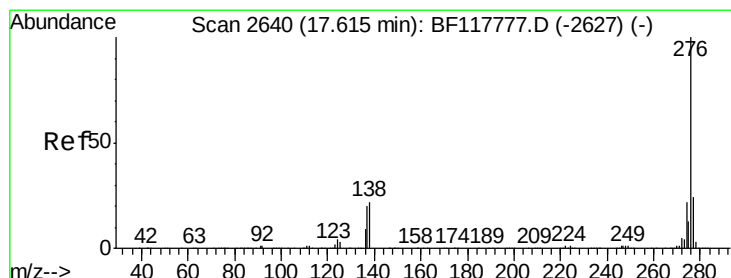
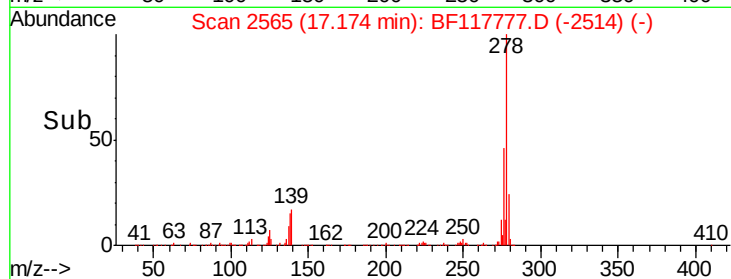
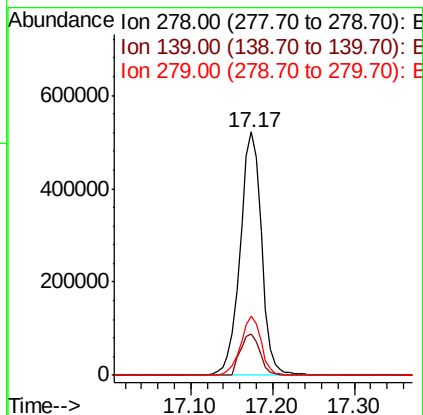
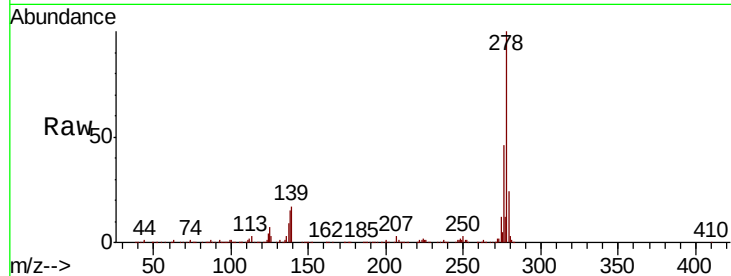




#91
Dibenzo(a,h)anthracene
Concen: 37.637 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	24.5	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 38.298 ng
RT: 17.62 min Scan# 2640
Delta R.T. 0.00 min
Lab File: BF117777.D
Acq: 13 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.8	17.4	26.2

