

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117802.D
 Acq On : 15 Nov 2019 14:49
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:38:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	306578	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1159881	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	608545	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1138026	20.00	ng	0.00
76) Chrysene-d12	14.12	240	733754	20.00	ng	0.00
87) Perylene-d12	15.62	264	642165	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1340882	77.42	ng	0.00
7) Phenol-d6	6.55	99	1619310	77.51	ng	0.00
23) Nitrobenzene-d5	7.49	82	1573743	80.66	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	509643	79.11	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2799858	82.54	ng	0.00
79) Terphenyl-d14	13.06	244	3047493	75.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	339160	41.893	ng	99
3) Pyridine	3.49	79	863695	40.670	ng	99
4) n-Nitrosodimethylamine	3.44	42	377342	40.704	ng	97
6) Aniline	6.59	93	1114610	40.376	ng	99
8) 2-Chlorophenol	6.71	128	746324	39.712	ng	99
9) Benzaldehyde	6.47	77	523522	38.258	ng	99
10) Phenol	6.56	94	862100	39.713	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	695666	39.906	ng	99
12) 1,3-Dichlorobenzene	6.87	146	873478	39.478	ng	99
13) 1,4-Dichlorobenzene	6.95	146	888002	39.706	ng	99
14) 1,2-Dichlorobenzene	7.10	146	829156	38.765	ng	100
15) Benzyl Alcohol	7.06	79	642286	39.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1067827	39.786	ng	99
17) 2-Methylphenol	7.17	107	626447	39.361	ng	99
18) Hexachloroethane	7.45	117	325811	39.657	ng	99
19) n-Nitroso-di-n-propylamine	7.34	70	507257	39.360	ng	100
20) 3+4-Methylphenols	7.32	107	770890	39.020	ng	100
22) Acetophenone	7.33	105	1023707	39.284	ng	99
24) Nitrobenzene	7.51	77	801498	39.819	ng	99
25) Isophorone	7.75	82	1397340	39.074	ng	99
26) 2-Nitrophenol	7.82	139	401755	41.007	ng	93
27) 2,4-Dimethylphenol	7.86	122	605088	39.746	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	880892	38.817	ng	100
29) 2,4-Dichlorophenol	8.06	162	652622	39.521	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	754737	39.403	ng	99
31) Naphthalene	8.23	128	2146825	39.703	ng	99
32) Benzoic acid	7.97	122	501146	39.315	ng	99
33) 4-Chloroaniline	8.28	127	956666	39.520	ng	99
34) Hexachlorobutadiene	8.35	225	446812	39.898	ng	99
35) Caprolactam	8.65	113	206768	39.398	ng	97
36) 4-Chloro-3-methylphenol	8.76	107	660629	39.420	ng	98
37) 2-Methylnaphthalene	8.93	142	1445751	39.572	ng	100
38) 1-Methylnaphthalene	9.03	142	1369894	39.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	690002	39.043	ng	99

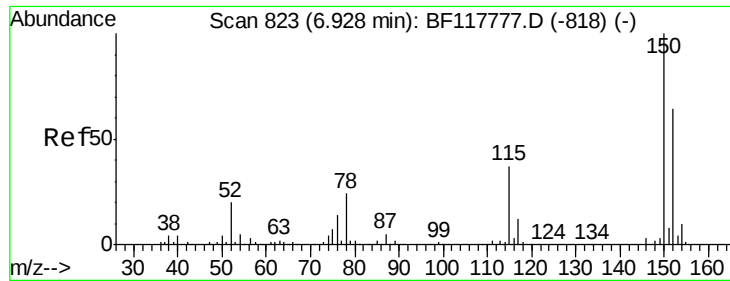
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117802.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	381132	38.483	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	498966	39.418	ng	98
44) 2,4,5-Trichlorophenol	9.24	196	501354	38.147	ng	98
46) 1,1'-Biphenyl	9.39	154	1793047	39.715	ng	100
47) 2-Chloronaphthalene	9.42	162	1447190	38.964	ng	100
48) 2-Nitroaniline	9.51	65	452703	40.372	ng	98
49) Acenaphthylene	9.84	152	2131779	39.368	ng	100
50) Dimethylphthalate	9.69	163	1656573	38.819	ng	100
51) 2,6-Dinitrotoluene	9.75	165	377694	40.497	ng	98
52) Acenaphthene	10.01	154	1368841	39.461	ng	98
53) 3-Nitroaniline	9.92	138	451555	40.462	ng	100
54) 2,4-Dinitrophenol	10.03	184	167666	39.053	ng	99
55) Dibenzofuran	10.18	168	1896776	39.487	ng	99
56) 4-Nitrophenol	10.07	139	335497	40.275	ng	98
57) 2,4-Dinitrotoluene	10.16	165	491451	41.424	ng	100
58) Fluorene	10.53	166	1424554	38.270	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.30	232	420984	38.984	ng	98
60) Diethylphthalate	10.39	149	1635995	39.323	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	744953	39.435	ng	99
62) 4-Nitroaniline	10.54	138	454820	40.704	ng	99
63) Azobenzene	10.68	77	1470923	38.862	ng	94
65) 4,6-Dinitro-2-methylphenol	10.57	198	221317	41.658	ng	97
66) n-Nitrosodiphenylamine	10.63	169	1313493	39.659	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	486003	39.580	ng	98
68) Hexachlorobenzene	11.07	284	565783	39.515	ng	99
69) Atrazine	11.16	200	422043	38.738	ng	100
70) Pentachlorophenol	11.27	266	337795	40.382	ng	98
71) Phenanthrene	11.49	178	2208321	38.596	ng	100
72) Anthracene	11.54	178	2183443	38.489	ng	99
73) Carbazole	11.70	167	1973258	39.805	ng	99
74) Di-n-butylphthalate	12.03	149	2368424	38.373	ng	100
75) Fluoranthene	12.69	202	2230588	42.372	ng	100
77) Benzidine	12.80	184	980551	40.797	ng	99
78) Pyrene	12.92	202	2217556	37.396	ng	99
80) Butylbenzylphthalate	13.53	149	984874	38.670	ng	100
81) Benzo(a)anthracene	14.10	228	1863731	38.437	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	685410	40.412	ng	100
83) Chrysene	14.14	228	1834057	39.035	ng	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1231538	39.885	ng	100
85) Di-n-octyl phthalate	14.71	149	1833171	40.413	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1465155	36.640	ng	100
88) Benzo(b)fluoranthene	15.17	252	1645703	39.445	ng	99
89) Benzo(k)fluoranthene	15.21	252	1528847	38.891	ng	99
90) Benzo(a)pyrene	15.56	252	1407112	38.354	ng	98
91) Dibenzo(a,h)anthracene	17.17	278	1193176	37.785	ng	99
92) Benzo(g,h,i)perylene	17.62	276	1176508	37.406	ng	99

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

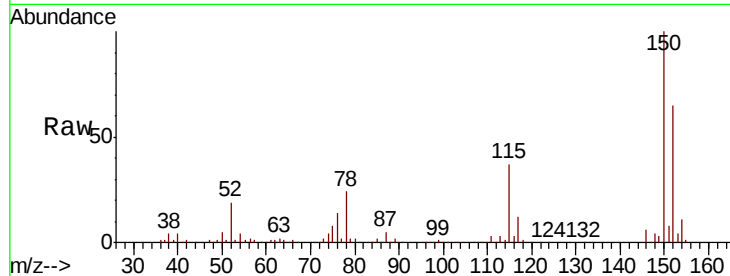


#1

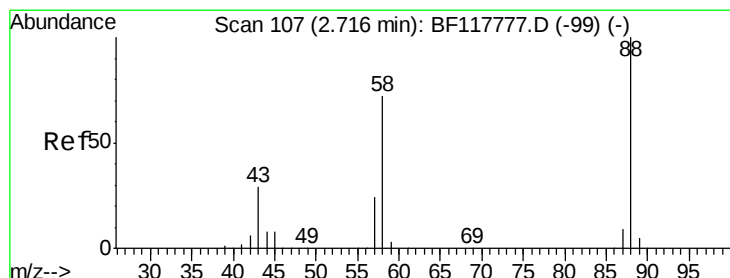
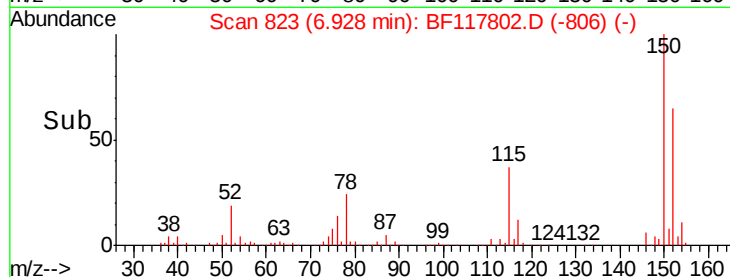
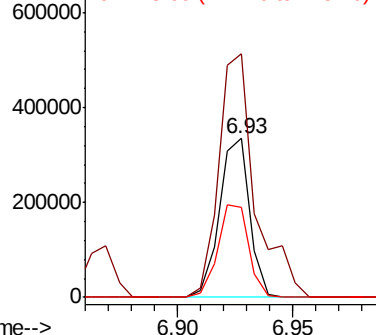
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 306578
Ion Ratio Lower Upper
152 100
150 153.1 125.3 187.9
115 56.5 47.0 70.4



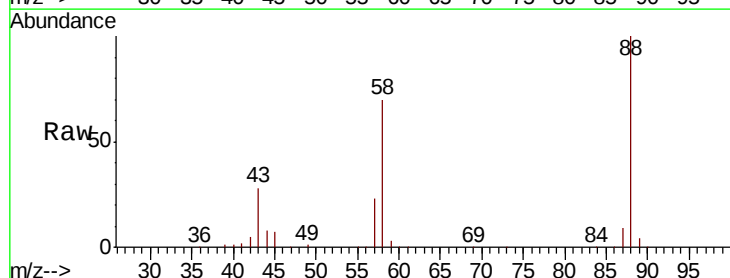
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



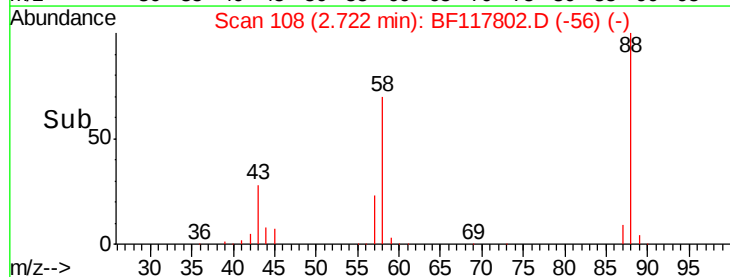
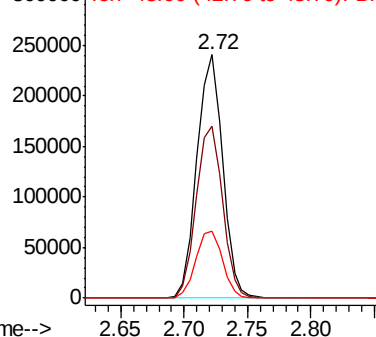
#2

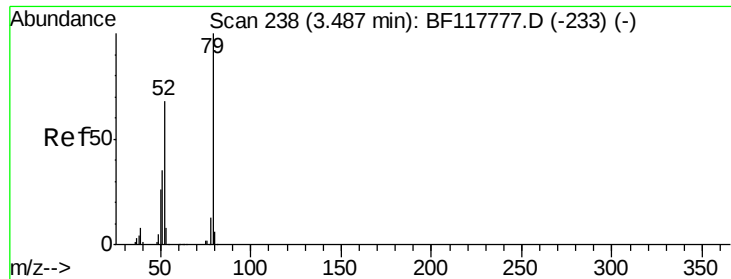
1,4-Dioxane
Concen: 41.893 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion: 88 Resp: 339160
Ion Ratio Lower Upper
88 100
58 72.2 58.2 87.2
43 28.5 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: 40.670 ng

RT: 3.49 min Scan# 238

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

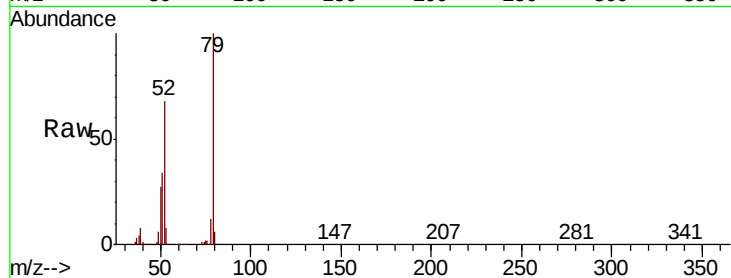
Tot Ion: 79 Resp: 863695

Ion Ratio Lower Upper

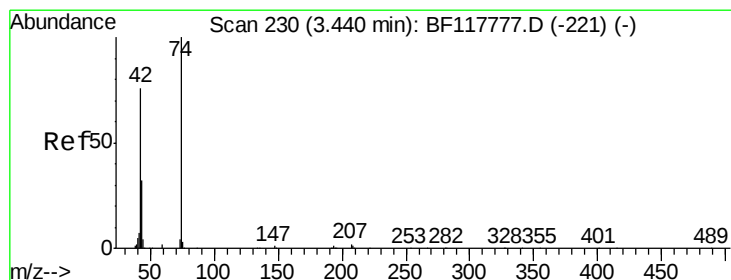
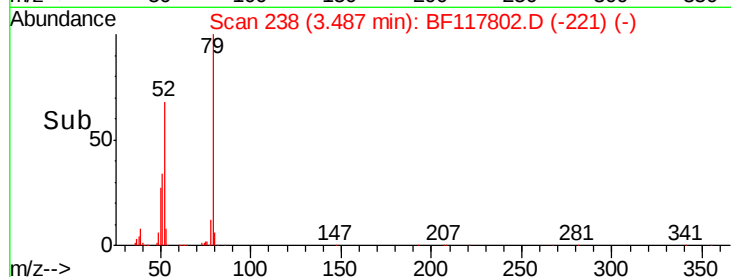
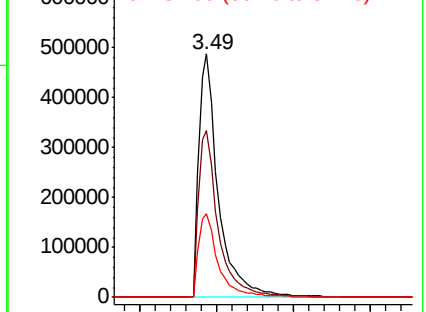
79 100

52 68.5 54.8 82.2

51 34.3 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: 40.704 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

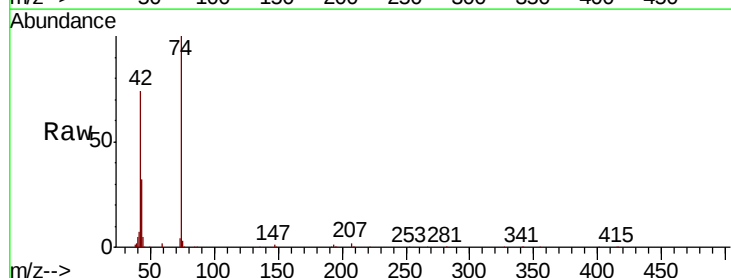
Tgt Ion: 42 Resp: 377342

Ion Ratio Lower Upper

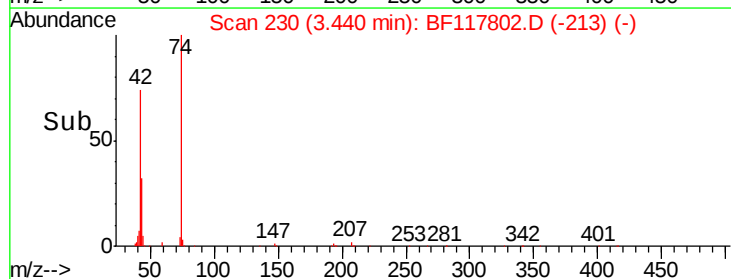
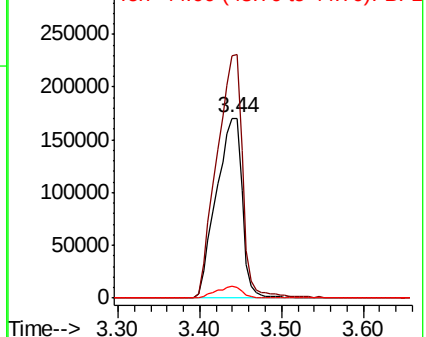
42 100

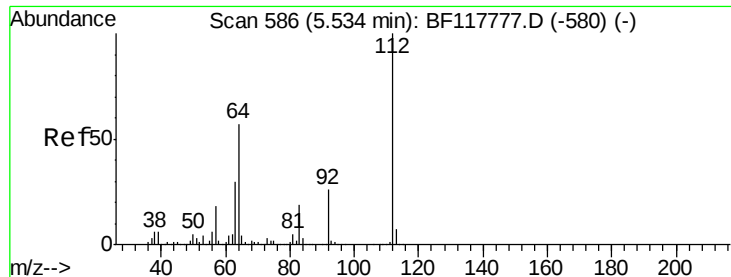
74 134.4 105.1 157.7

44 6.5 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: 77.419 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

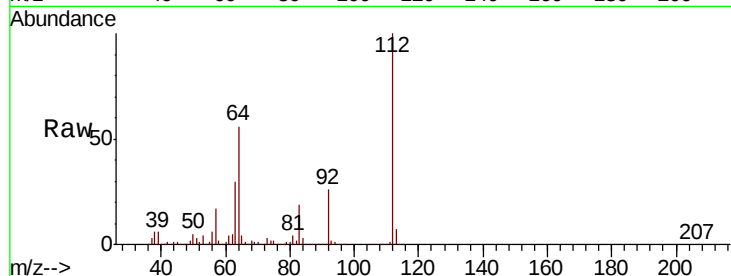
Tot Ion:112 Resp: 1340882

Ion Ratio Lower Upper

112 100

64 55.8 45.6 68.4

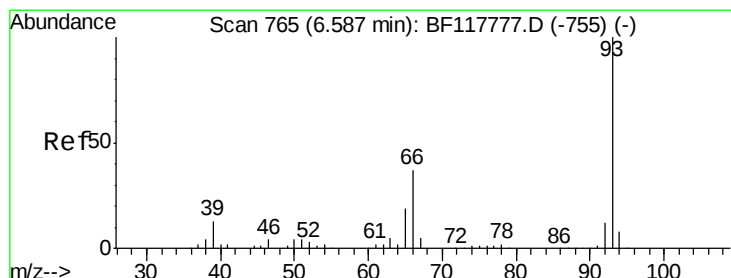
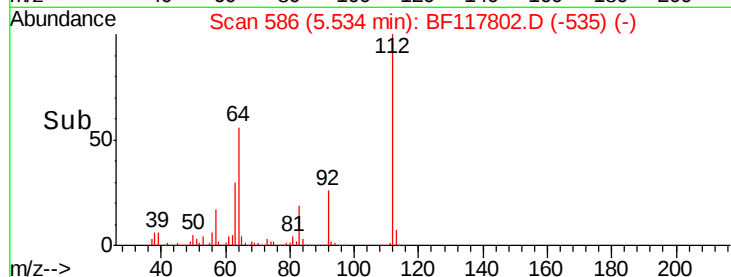
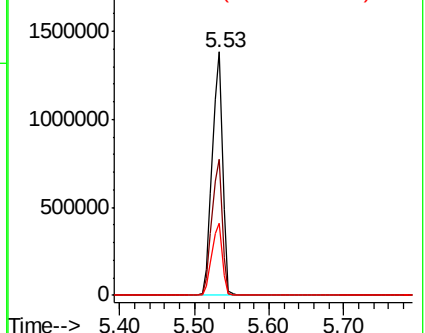
63 29.7 24.1 36.1



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: 40.376 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

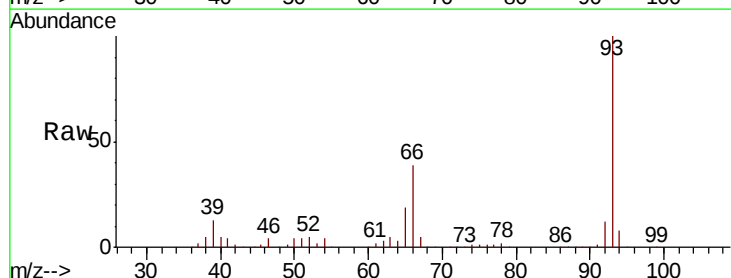
Tgt Ion: 93 Resp: 1114610

Ion Ratio Lower Upper

93 100

66 38.6 30.6 45.8

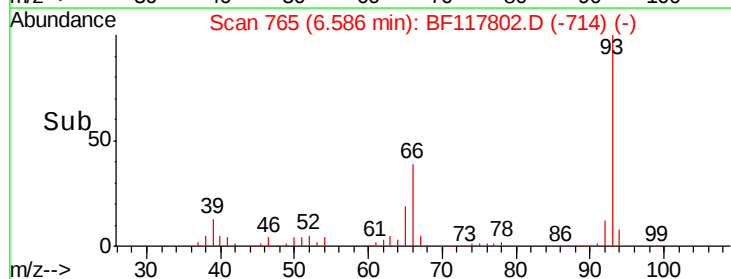
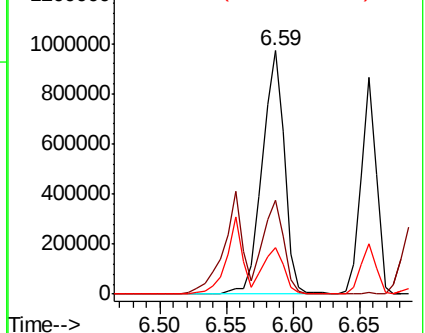
65 19.3 15.6 23.4

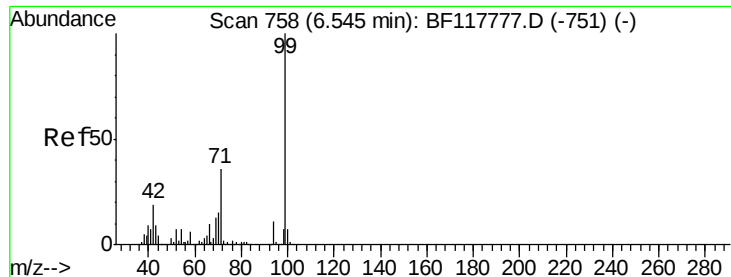


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.514 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

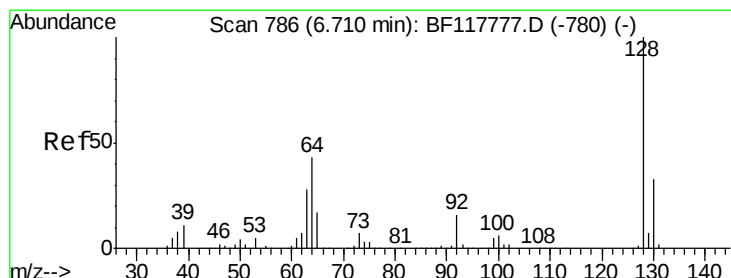
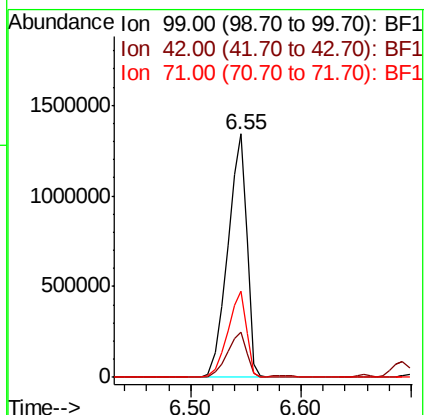
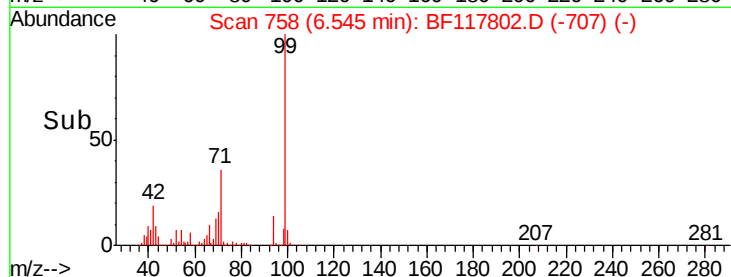
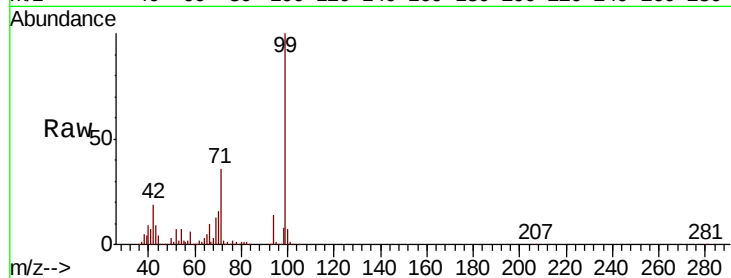
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1619310

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	35.7	28.6	43.0



#8

2-Chlorophenol

Concen: 39.712 ng

RT: 6.71 min Scan# 786

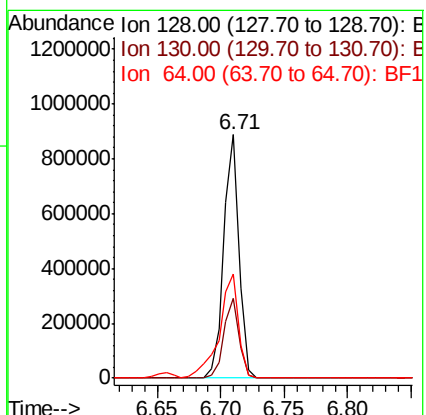
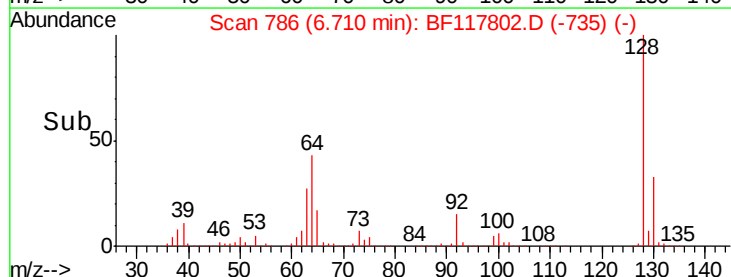
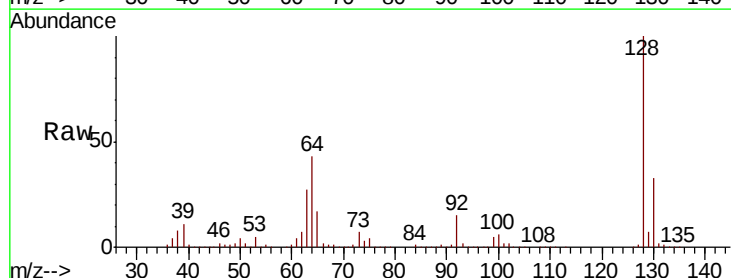
Delta R.T. -0.00 min

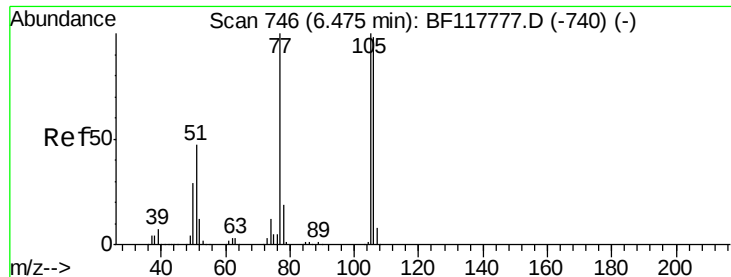
Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Tgt Ion: 128 Resp: 746324

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.2	53.2
64	42.7	23.7	63.7





#9

Benzaldehyde

Concen: 38.258 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

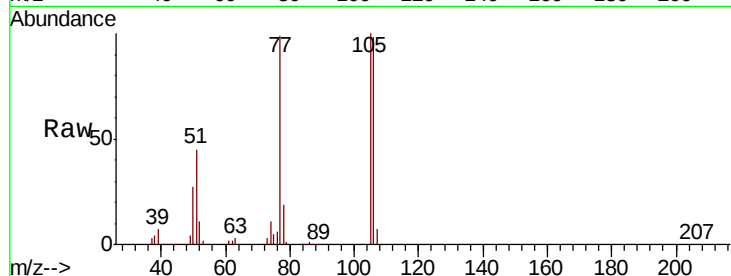
Tot Ion: 77 Resp: 523522

Ion Ratio Lower Upper

77 100

105 101.5 80.2 120.2

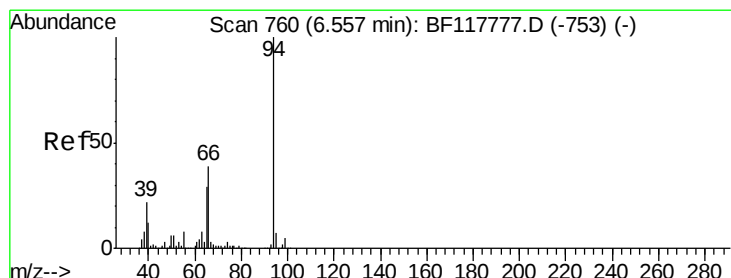
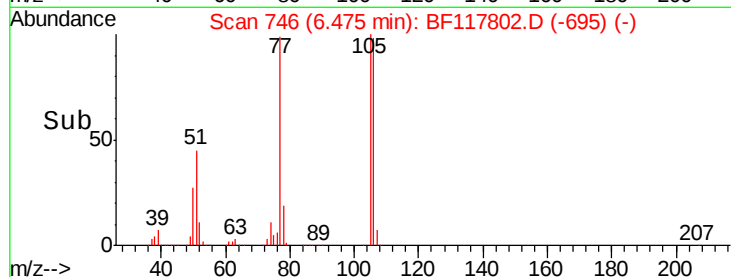
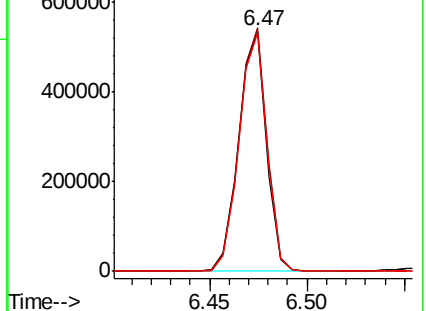
106 99.4 78.4 118.4



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: 39.713 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

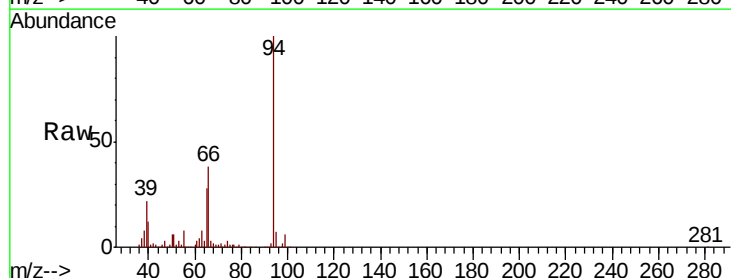
Tgt Ion: 94 Resp: 862100

Ion Ratio Lower Upper

94 100

65 28.3 8.9 48.9

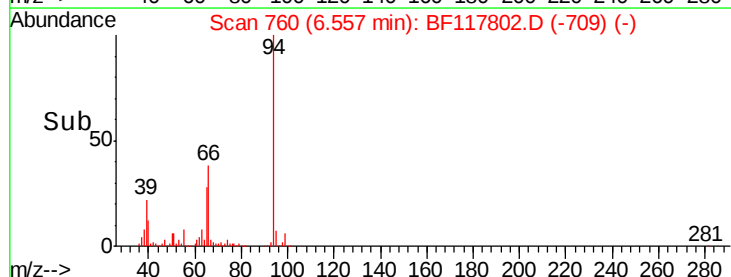
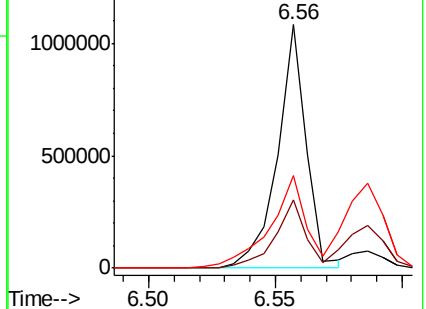
66 37.8 18.7 58.7

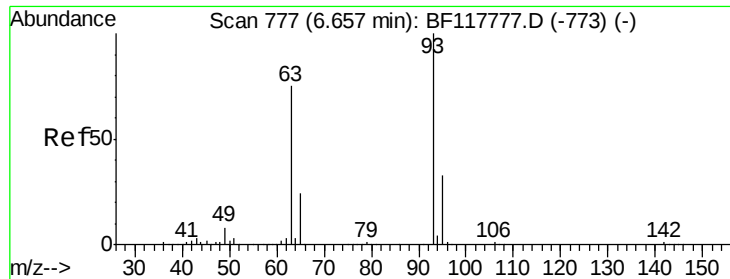


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

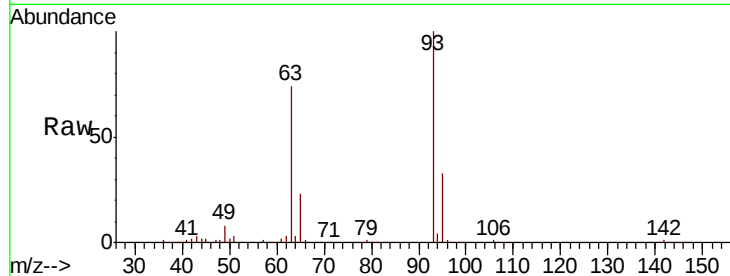




#11
bis(2-Chloroethyl)ether
Concen: 39.906 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	54.8	94.8
95	32.8	12.7	52.7

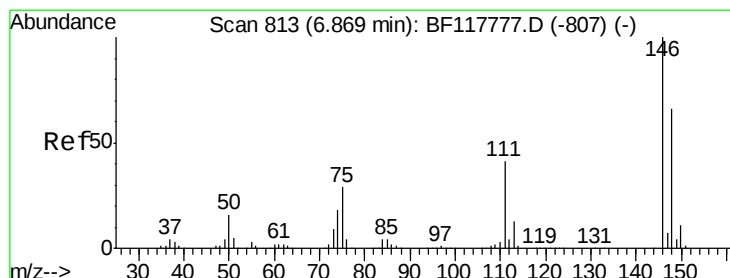
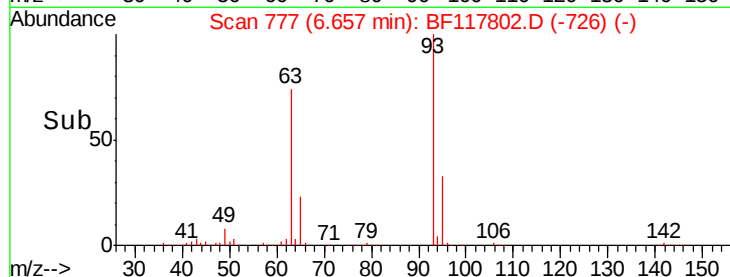
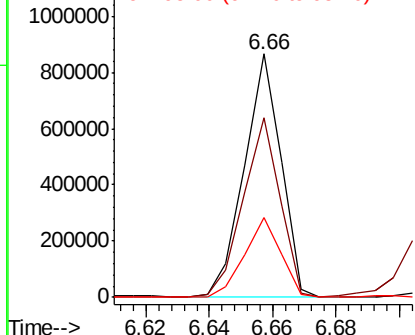


Abundance

Ion 93.00 (92.70 to 93.70): BF1

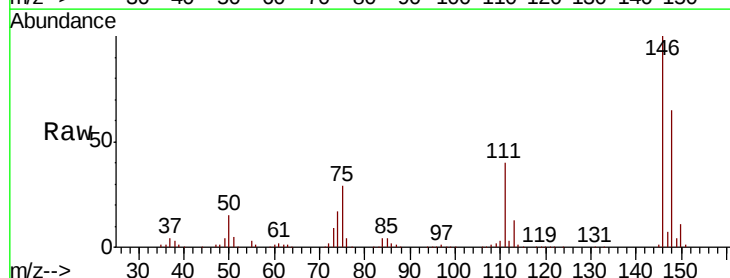
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 39.478 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.8	79.2
75	29.3	23.4	35.0

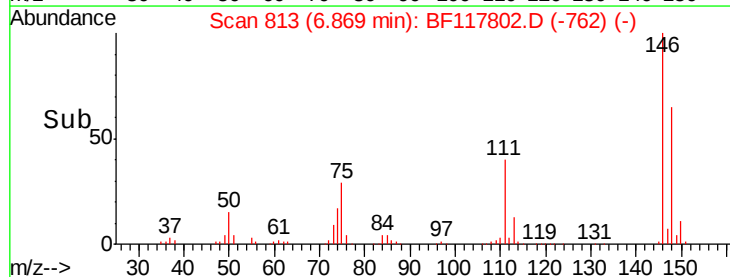
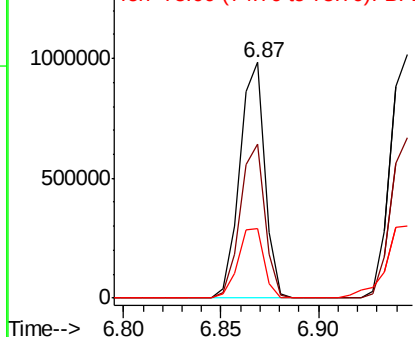


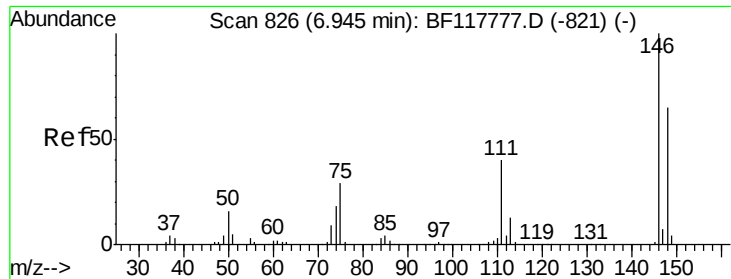
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

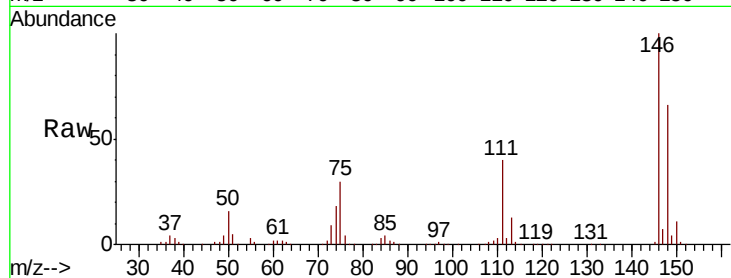




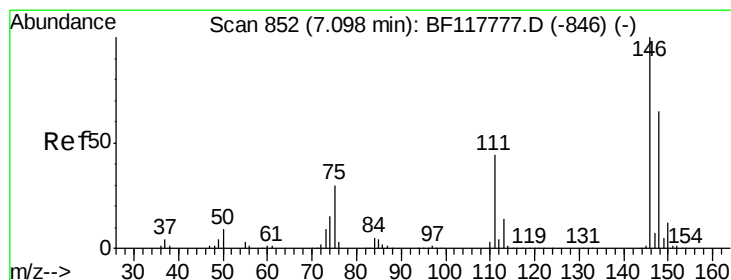
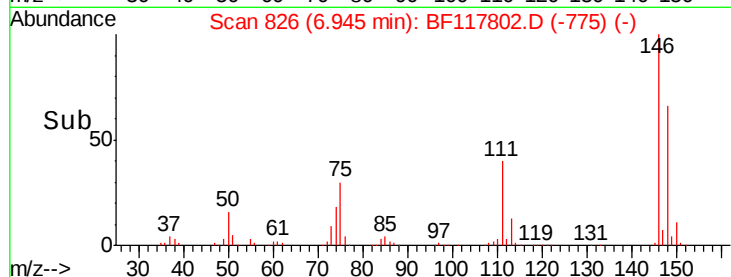
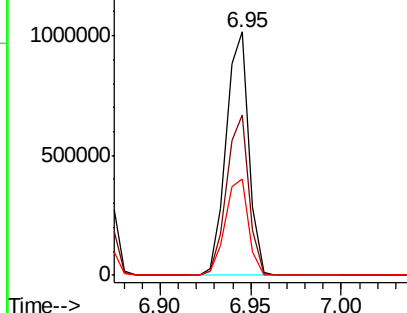
#13
 1,4-Dichlorobenzene
 Concen: 39.706 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 888002
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.3 78.5
 111 39.8 32.2 48.4

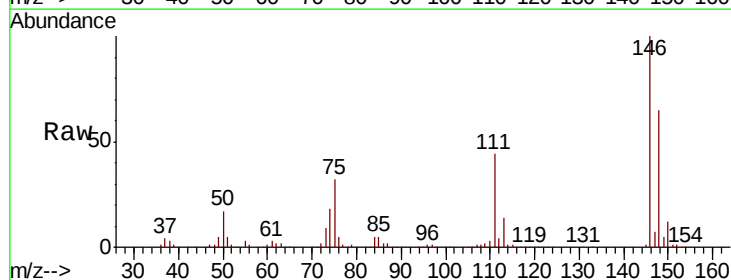


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

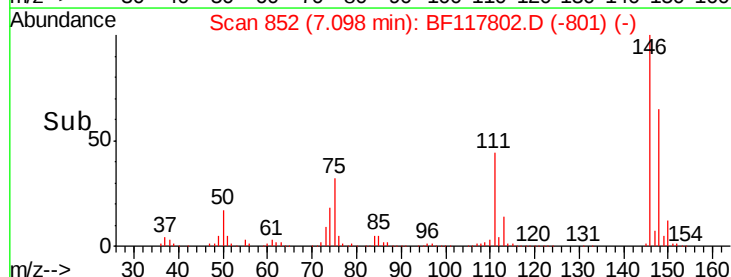
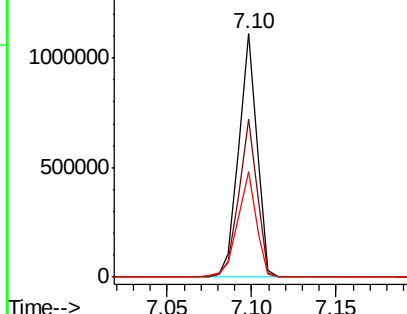


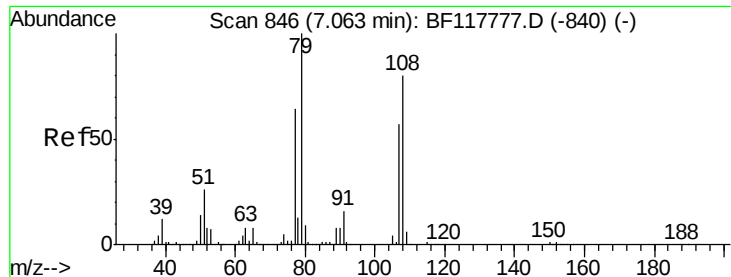
#14
 1,2-Dichlorobenzene
 Concen: 38.765 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion:146 Resp: 829156
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 111 43.5 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: 39.823 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampled :

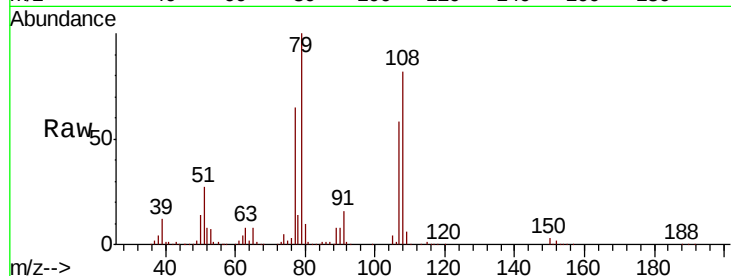
Tot Ion: 79 Resp: 642286

Ion Ratio Lower Upper

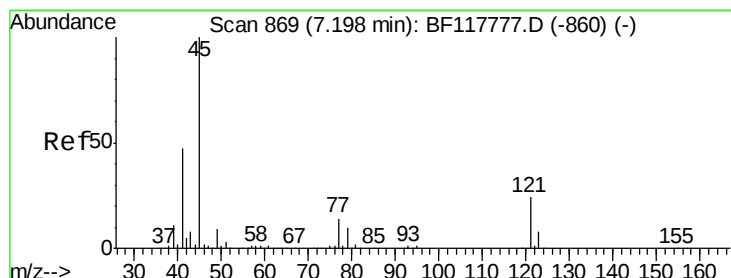
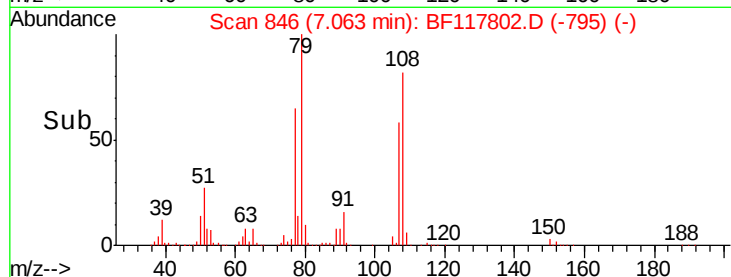
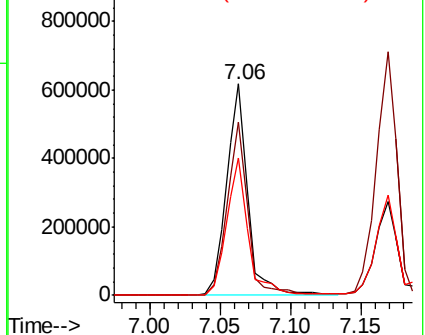
79 100

108 81.7 64.1 96.1

77 65.1 51.3 76.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.786 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

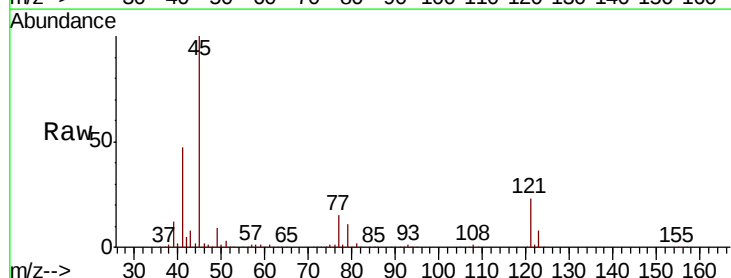
Tgt Ion: 45 Resp: 1067827

Ion Ratio Lower Upper

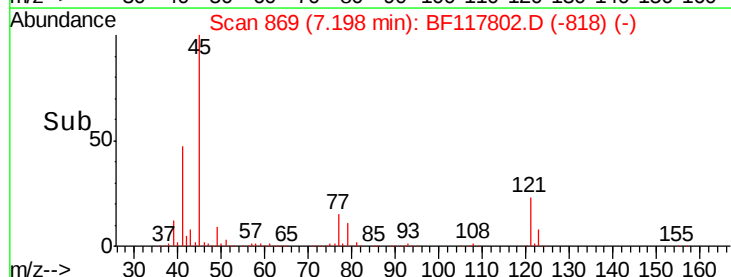
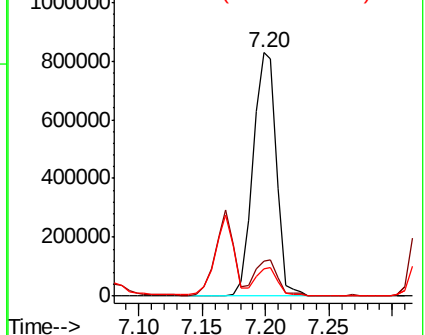
45 100

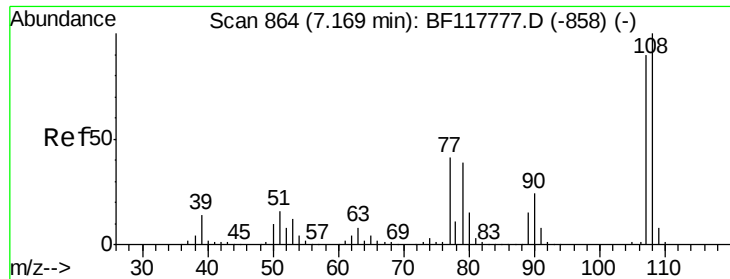
77 14.6 0.0 35.0

79 11.1 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

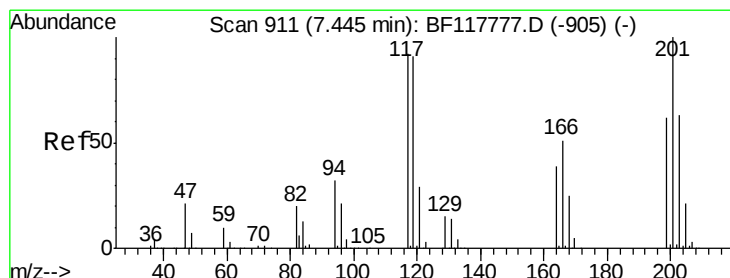
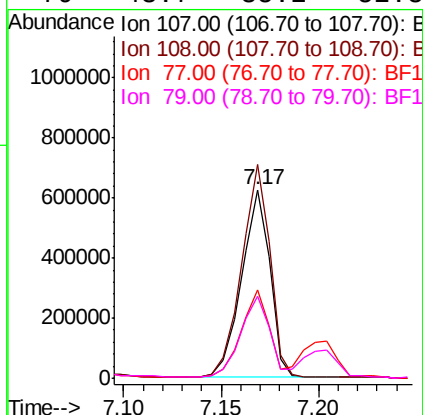
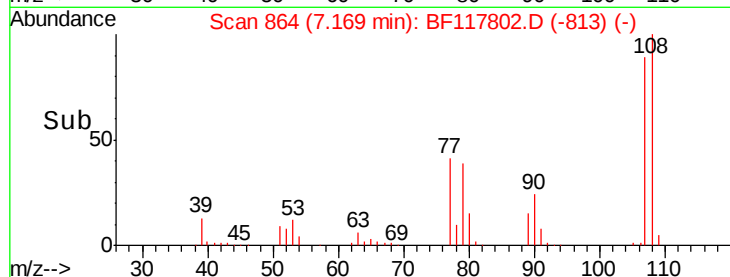
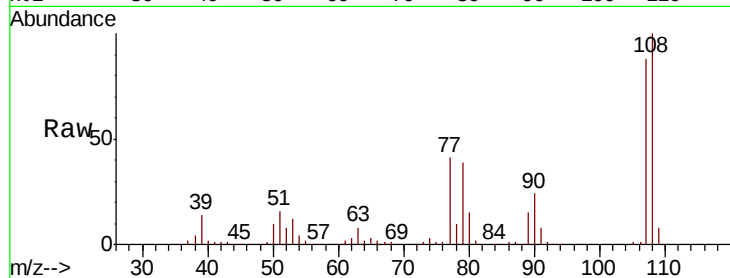




#17
2-Methylphenol
Concen: 39.361 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

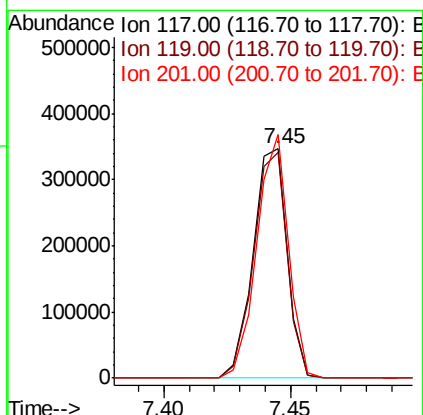
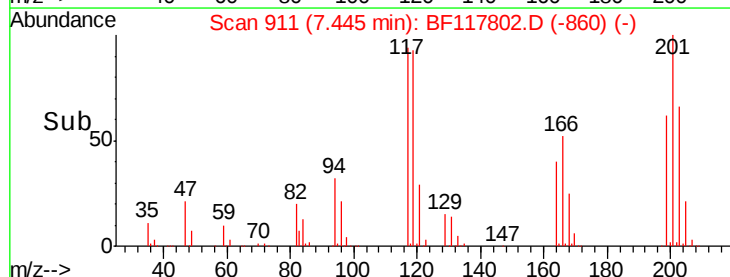
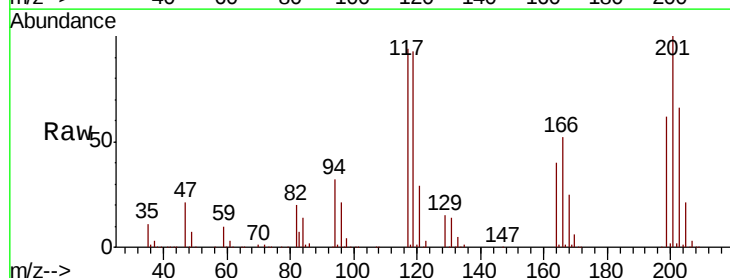
Instrument :
BNA_F
ClientSampled :

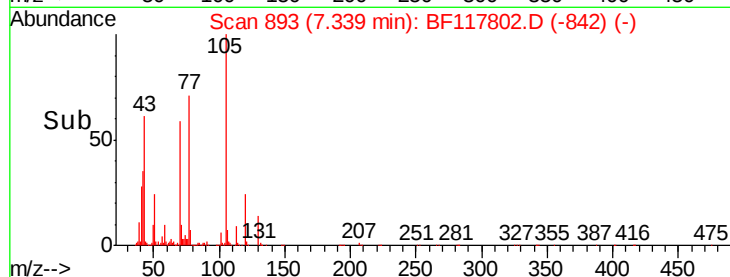
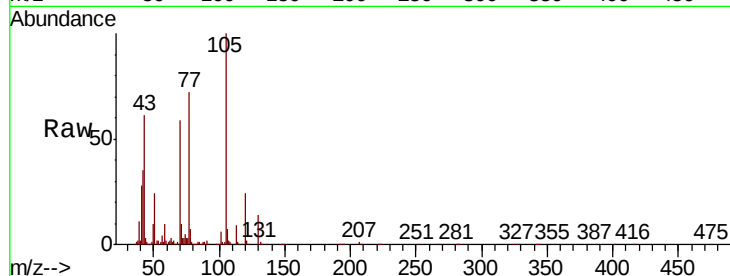
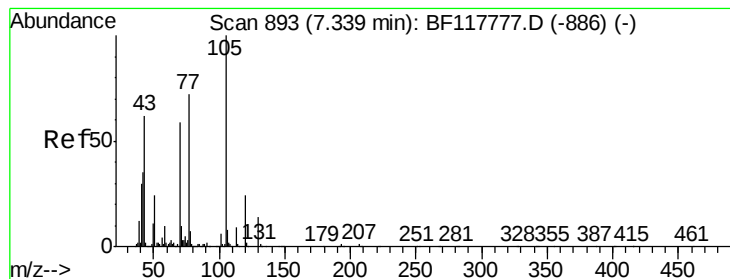
Tot Ion:	107	Resp:	626447
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.1	133.7
77	46.7	36.6	54.8
79	43.7	35.2	52.8



#18
Hexachloroethane
Concen: 39.657 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:	117	Resp:	325811
Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.7	118.1
201	106.3	86.5	129.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.360 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 507257

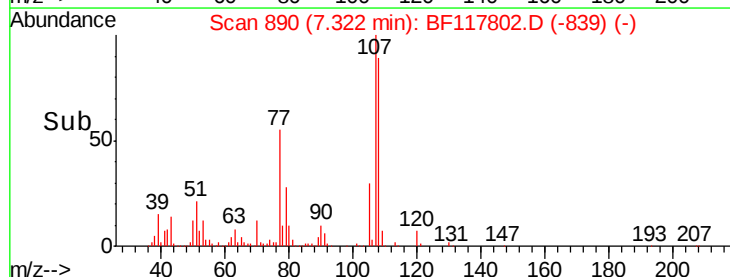
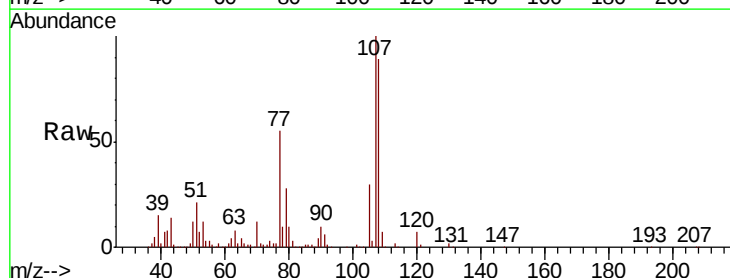
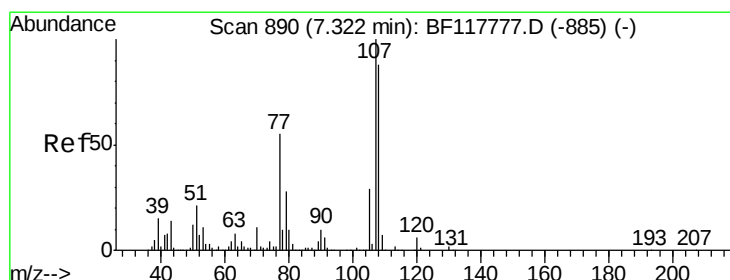
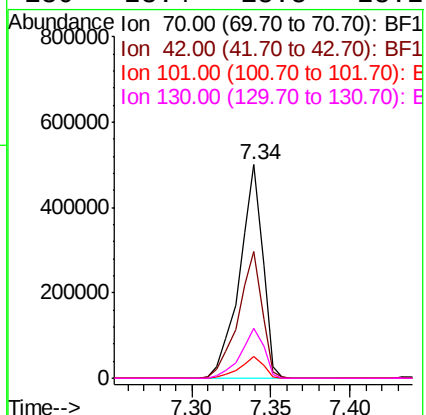
Ion Ratio Lower Upper

70 100

42 59.6 47.4 71.2

101 10.3 8.4 12.6

130 23.4 18.8 28.2



#20

3+4-Methylphenols

Concen: 39.020 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Tgt Ion: 107 Resp: 770890

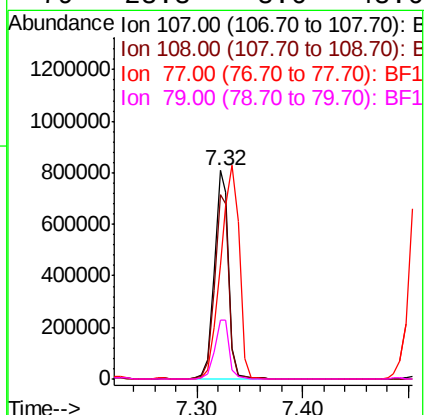
Ion Ratio Lower Upper

107 100

108 88.6 68.4 108.4

77 55.0 35.2 75.2

79 28.3 8.6 48.6



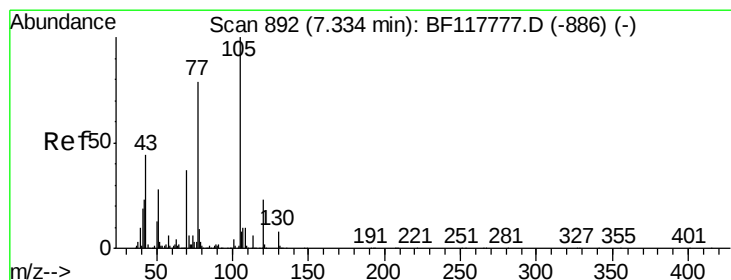
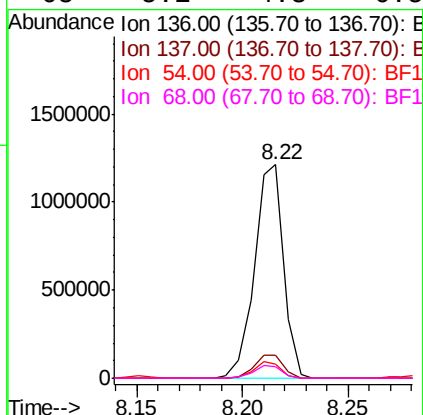
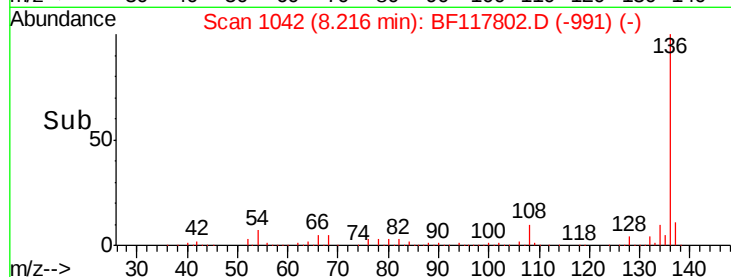
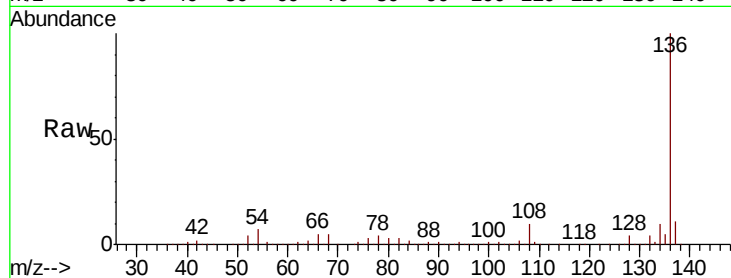


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1159881

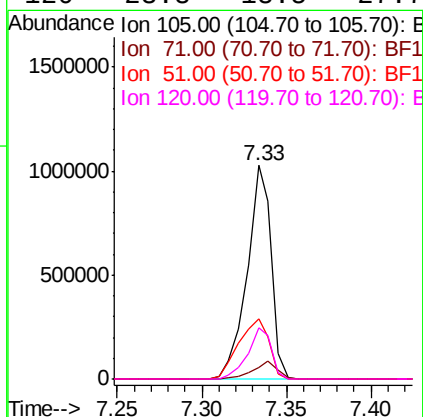
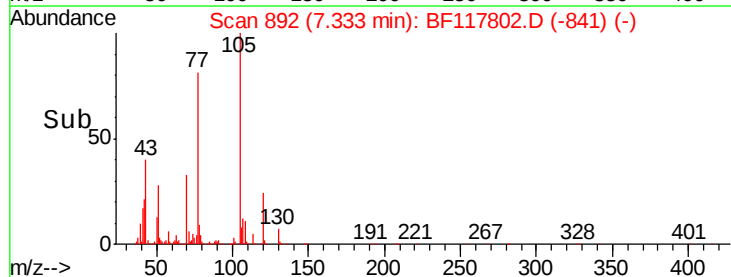
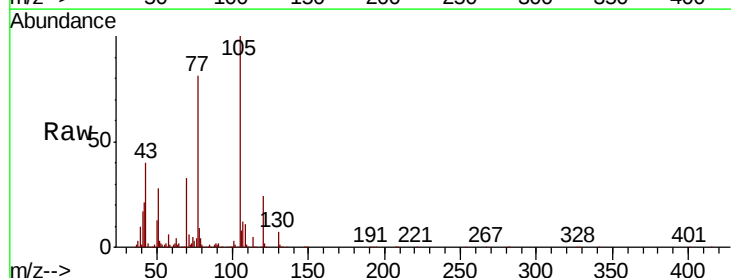
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.4	8.2
68	5.1	4.3	6.5

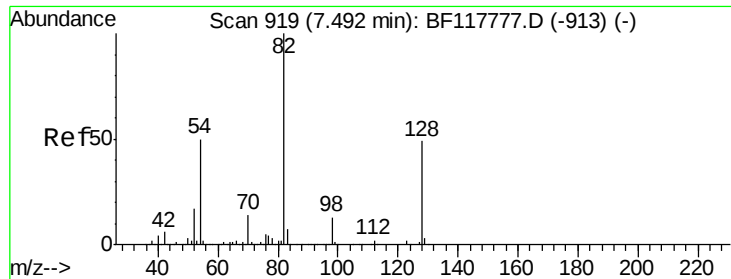


#22
Acetophenone
Concen: 39.284 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:105 Resp: 1023707

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.9	7.3
51	28.4	22.7	34.1
120	23.8	18.5	27.7

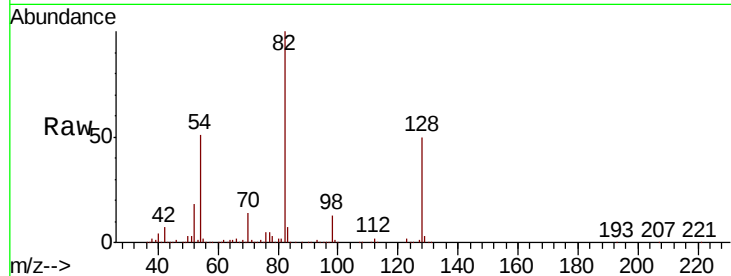




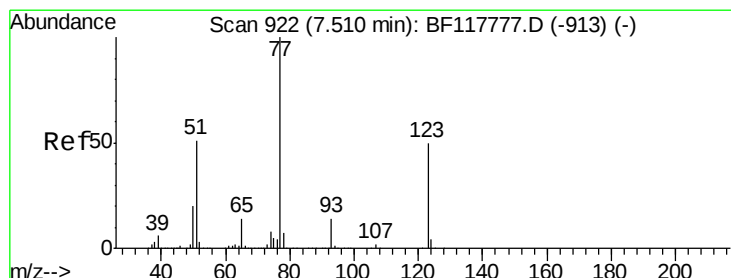
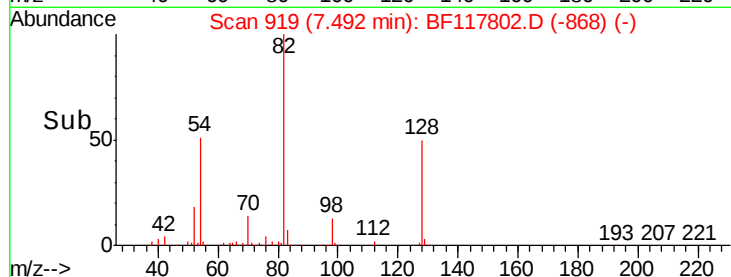
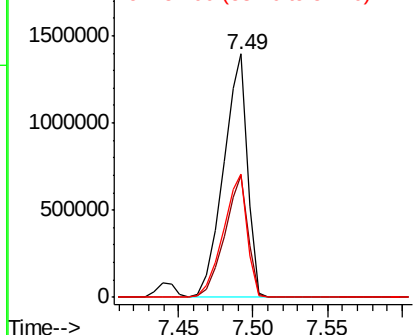
#23
 Nitrobenzene-d5
 Concen: 80.657 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1573743
 Ion Ratio Lower Upper
 82 100
 128 50.0 38.9 58.3
 54 50.8 39.8 59.6

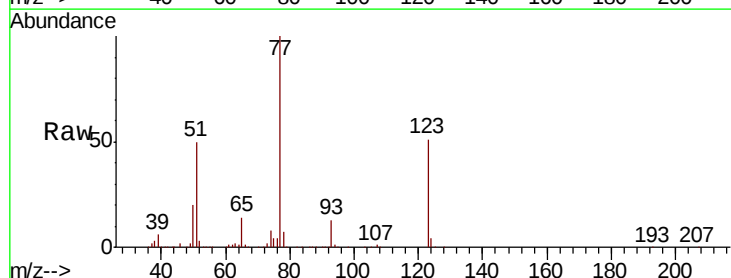


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

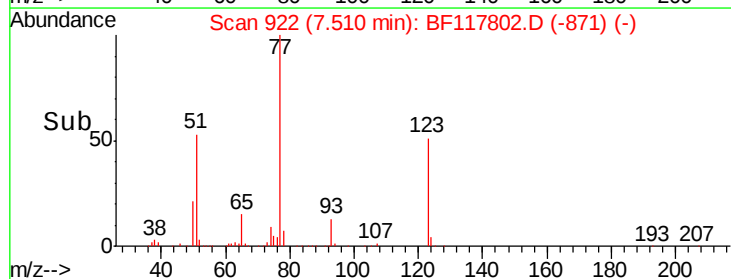
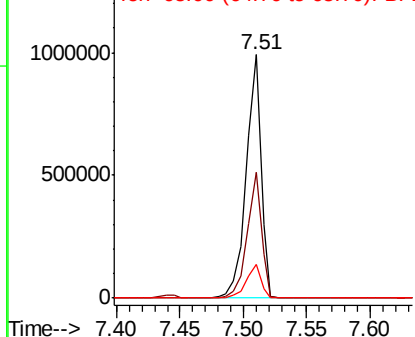


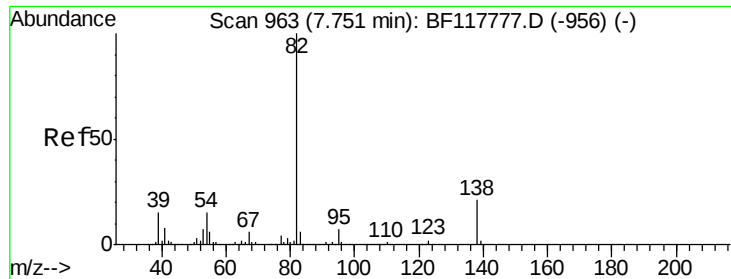
#24
 Nitrobenzene
 Concen: 39.819 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion: 77 Resp: 801498
 Ion Ratio Lower Upper
 77 100
 123 51.5 40.3 60.5
 65 13.7 10.9 16.3



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





#25

Isophorone

Concen: 39.074 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

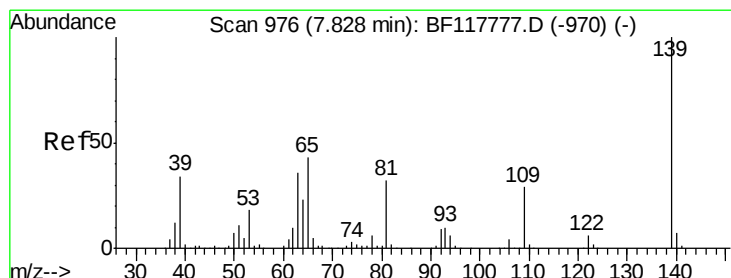
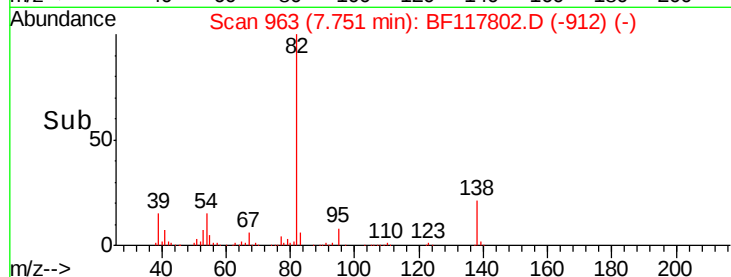
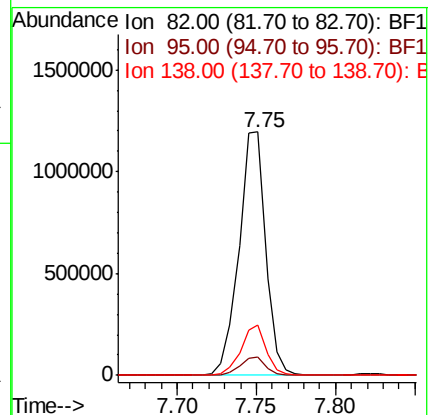
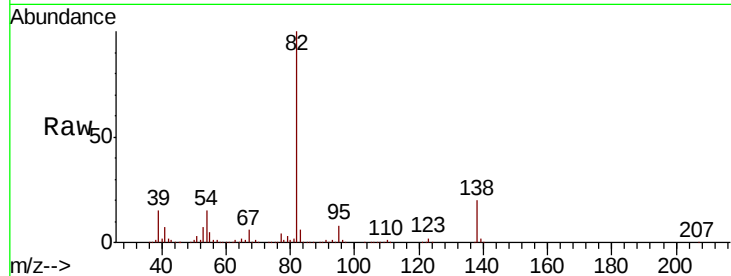
Tot Ion: 82 Resp: 1397340

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

138 20.5 16.5 24.7



#26

2-Nitrophenol

Concen: 41.007 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

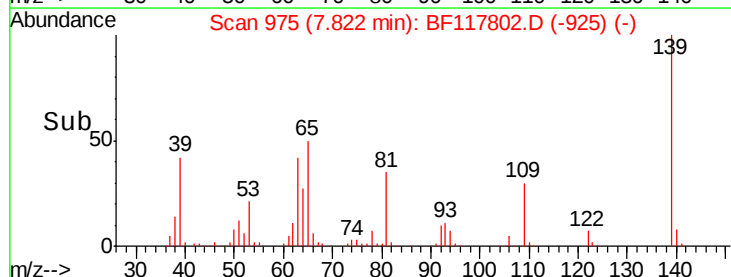
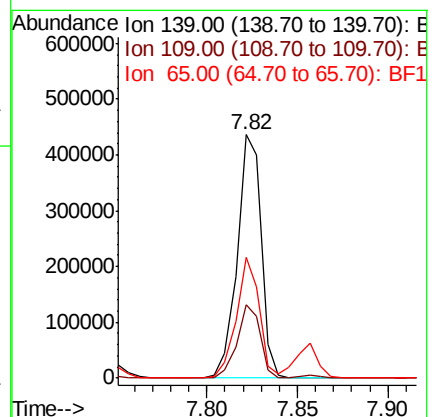
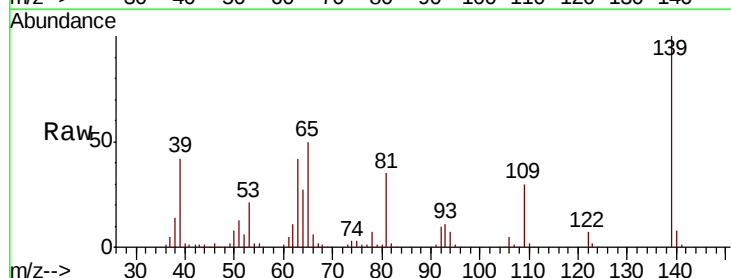
Tgt Ion: 139 Resp: 401755

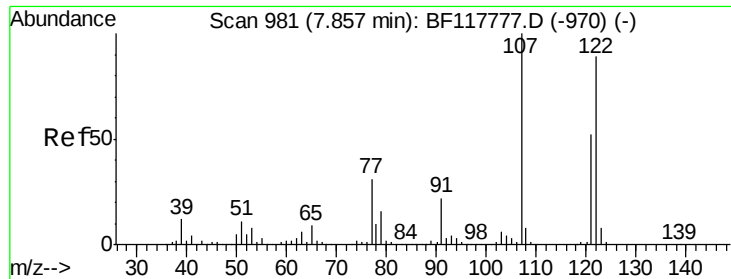
Ion Ratio Lower Upper

139 100

109 30.3 23.0 34.4

65 49.8 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 39.746 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampled :

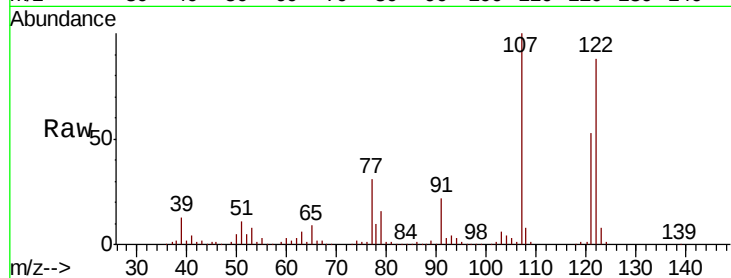
Tot Ion:122 Resp: 605088

Ion Ratio Lower Upper

122 100

107 113.4 90.0 135.0

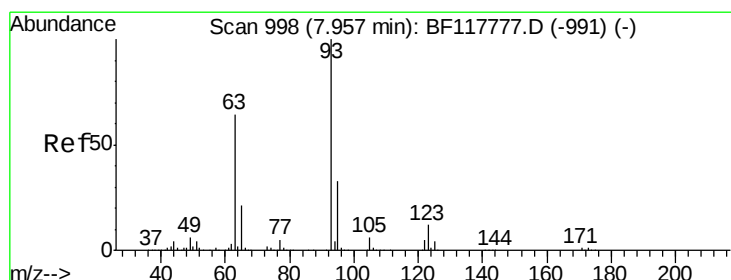
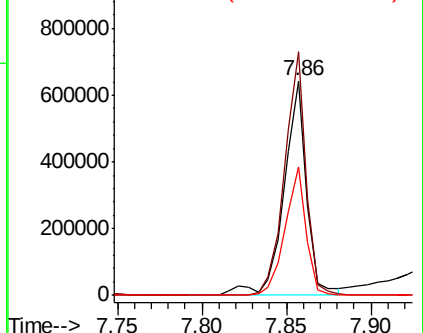
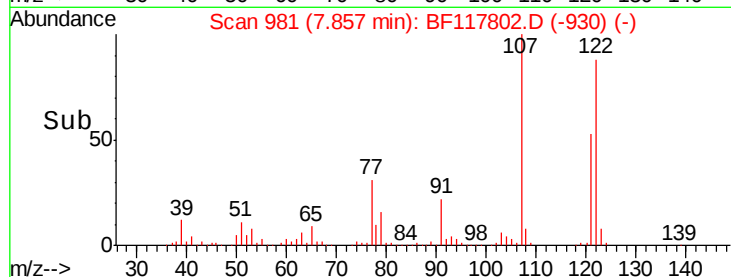
121 59.7 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.817 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

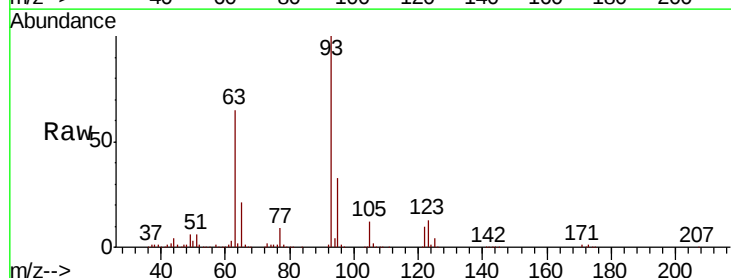
Tgt Ion: 93 Resp: 880892

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

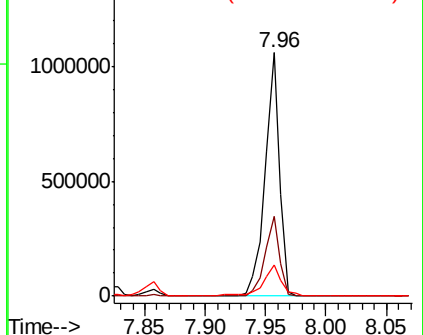
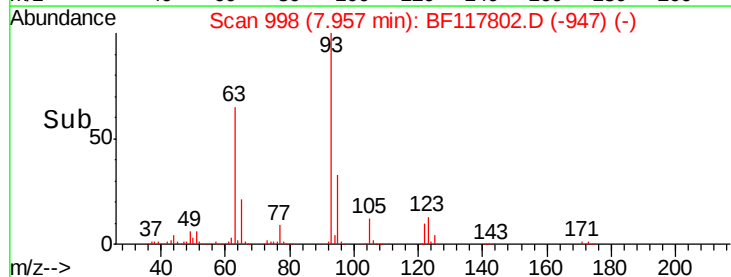
123 12.9 10.3 15.5

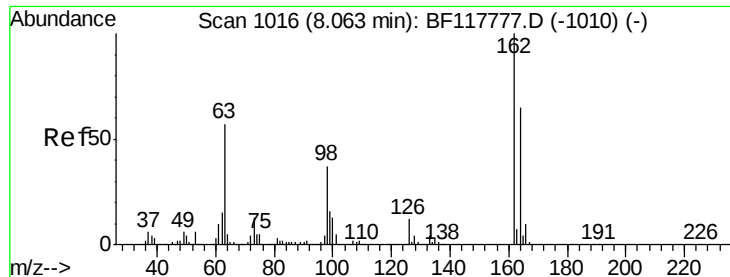


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

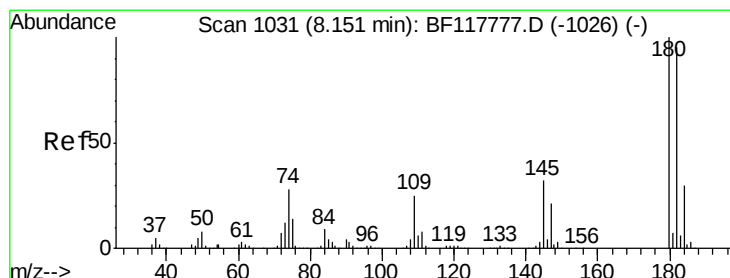
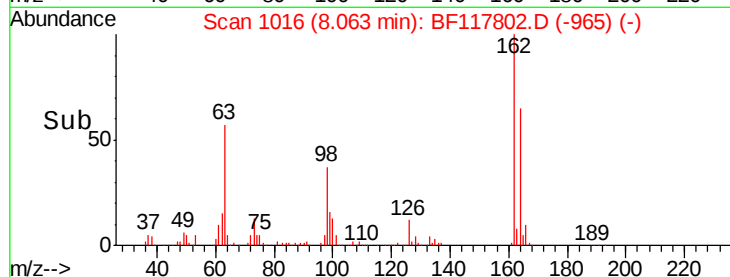
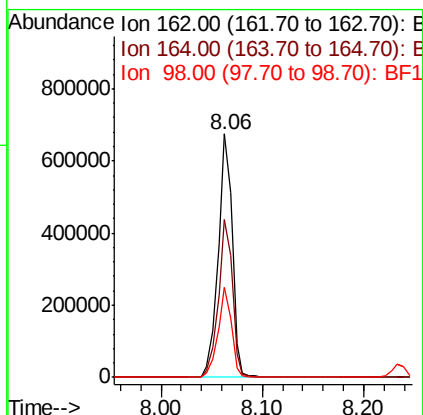
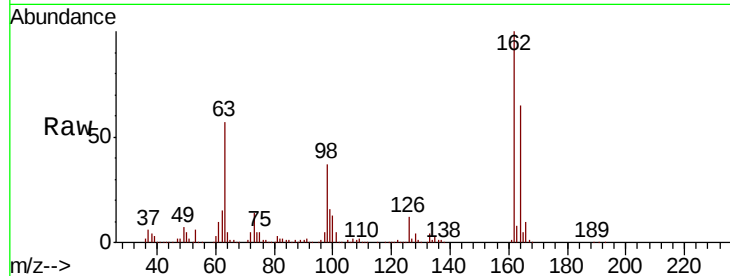




#29
2,4-Dichlorophenol
Concen: 39.521 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

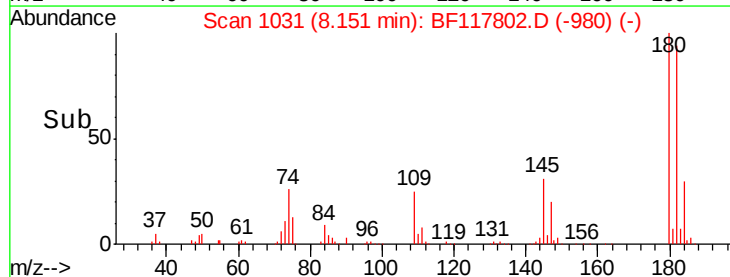
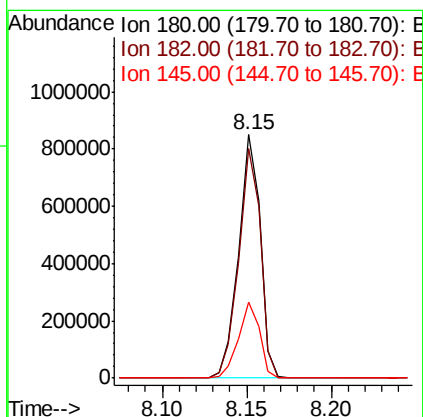
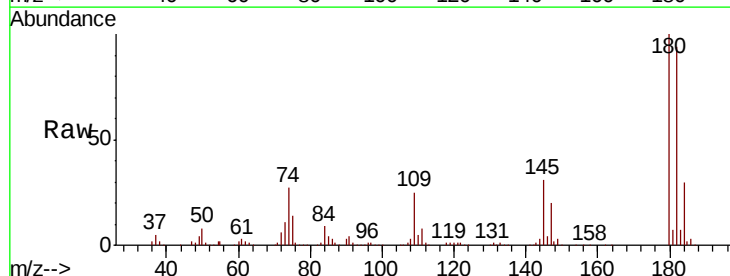
Instrument :
BNA_F
ClientSampleId :

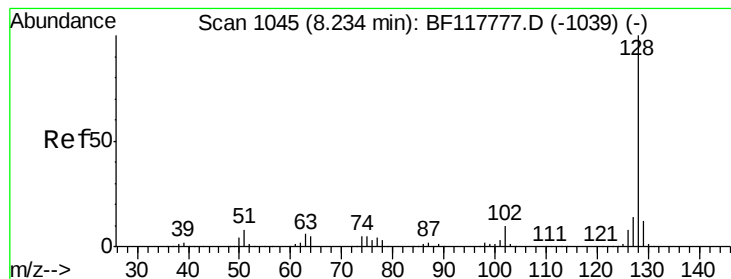
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.1	85.1
98	37.1	17.2	57.2



#30
1,2,4-Trichlorobenzene
Concen: 39.403 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	31.3	25.5	38.3





#31

Naphthalene

Concen: 39.703 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

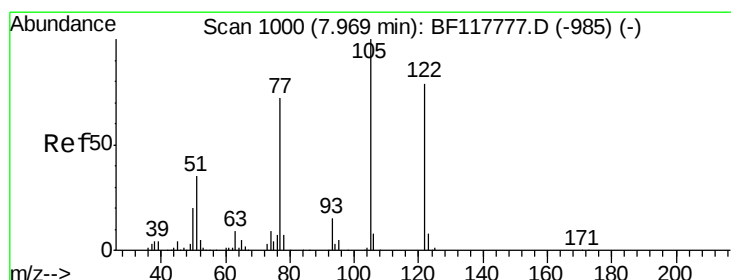
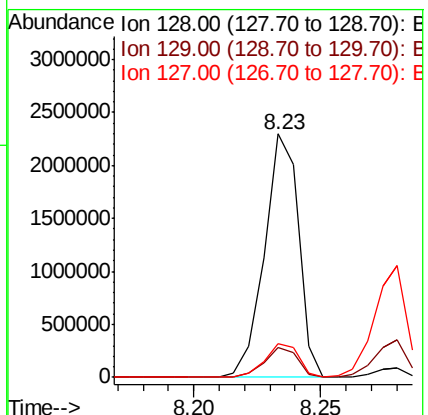
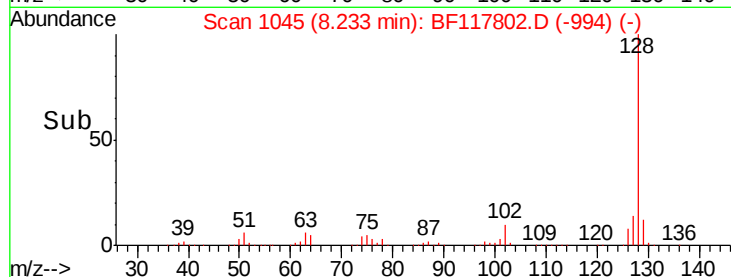
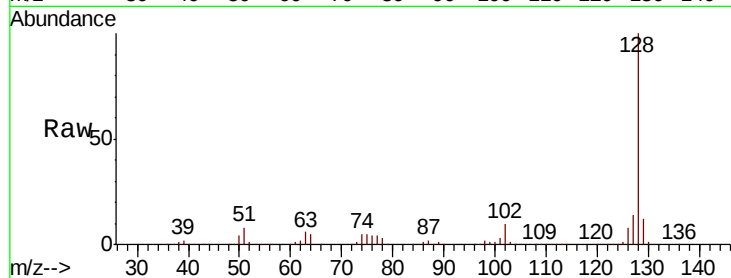
Tot Ion:128 Resp: 2146825

Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

127 14.0 11.3 16.9



#32

Benzoic acid

Concen: 39.315 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

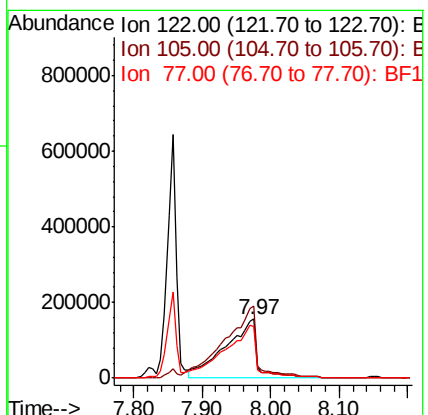
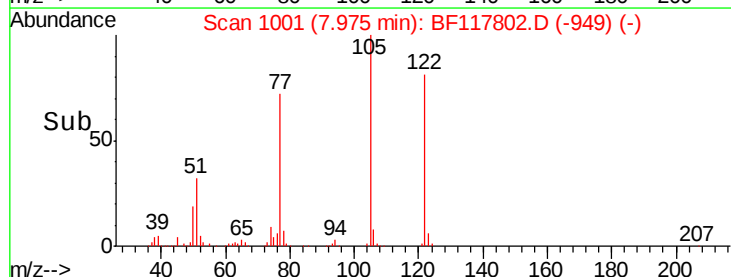
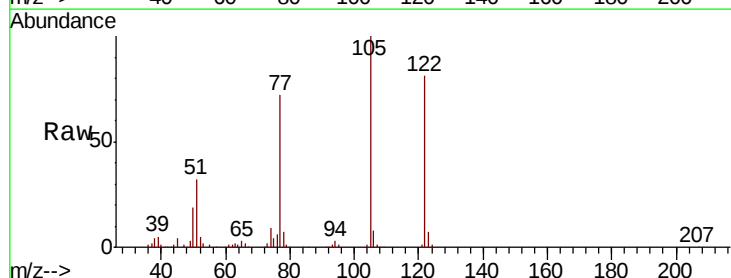
Tgt Ion:122 Resp: 501146

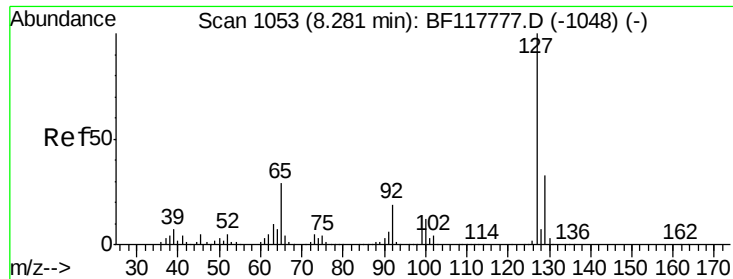
Ion Ratio Lower Upper

122 100

105 122.7 102.7 142.7

77 88.2 70.5 110.5

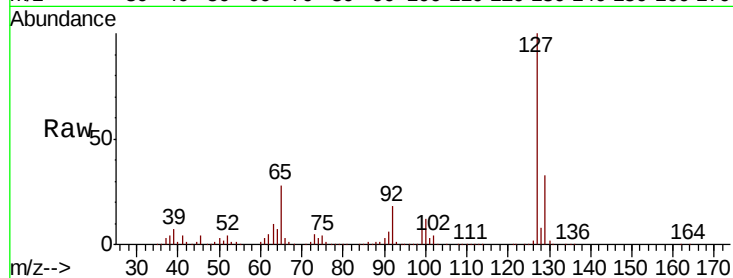




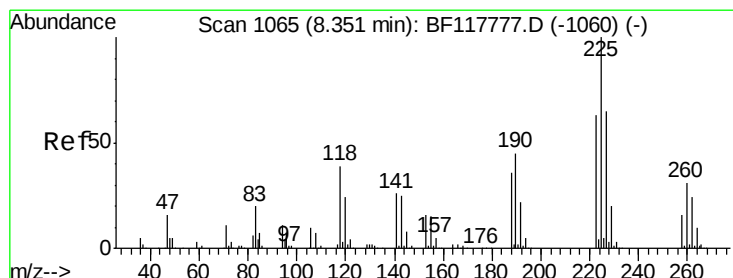
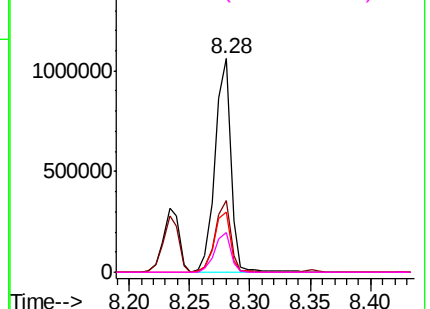
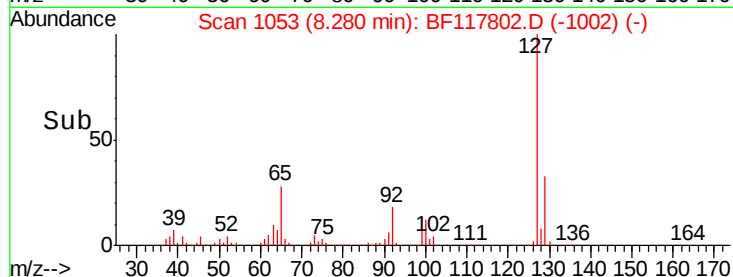
#33
4-Chloroaniline
Concen: 39.520 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	956666
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	27.9	22.9	34.3
92	18.5	15.0	22.6

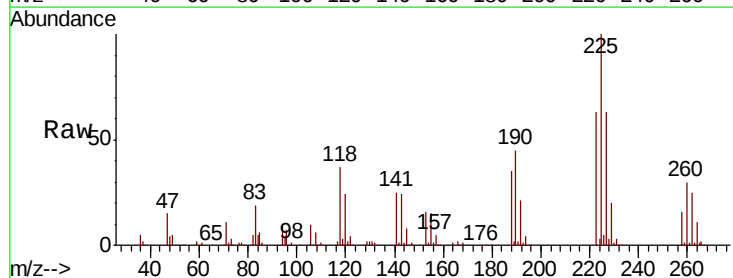


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

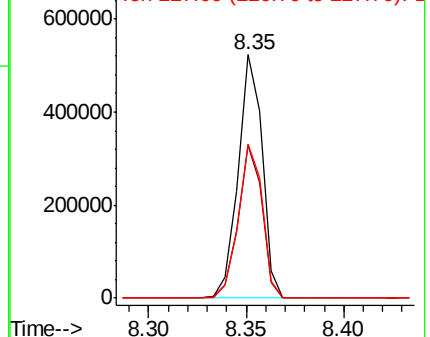
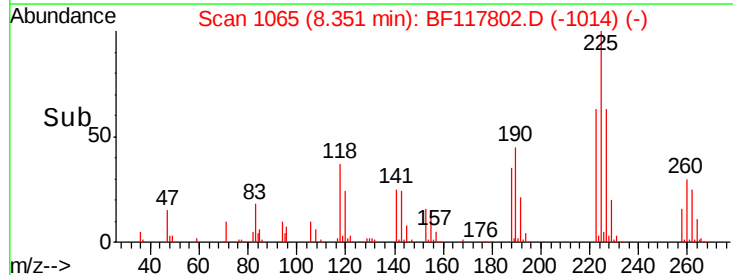


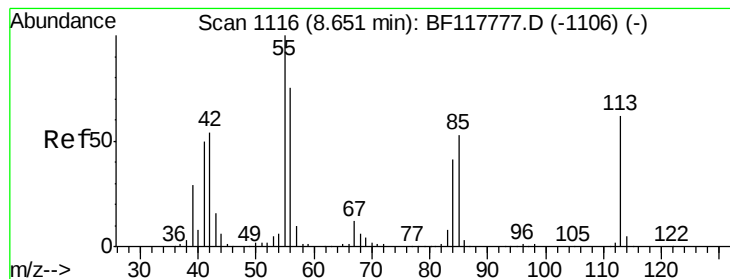
#34
Hexachlorobutadiene
Concen: 39.898 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:	225	Resp:	446812
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	63.1	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: 39.398 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

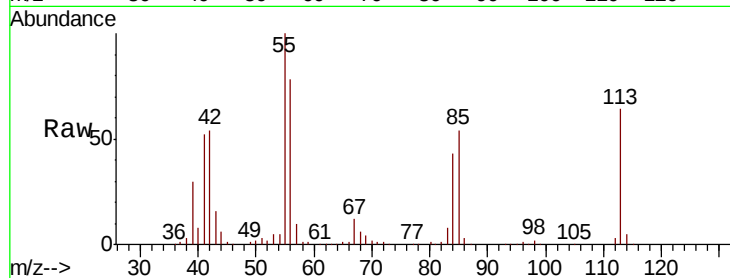
Tot Ion:113 Resp: 206768

Ion Ratio Lower Upper

113 100

55 156.9 141.1 181.1

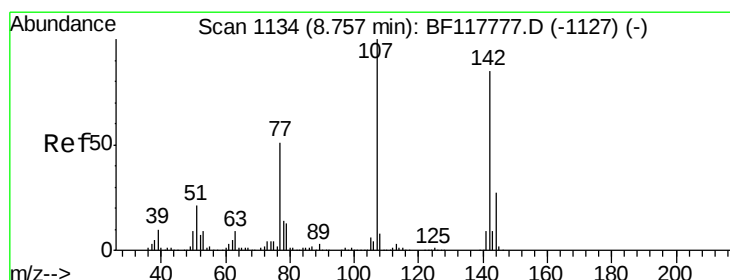
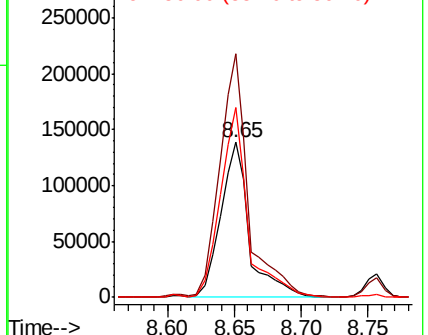
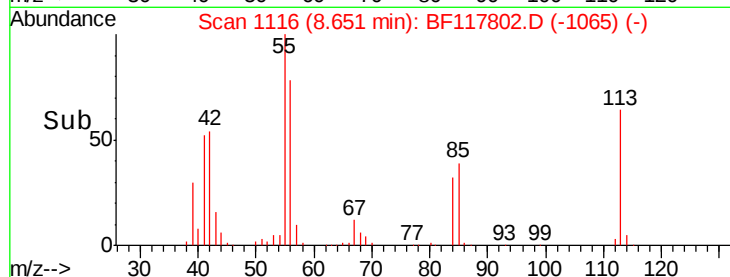
56 122.6 100.5 140.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.420 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

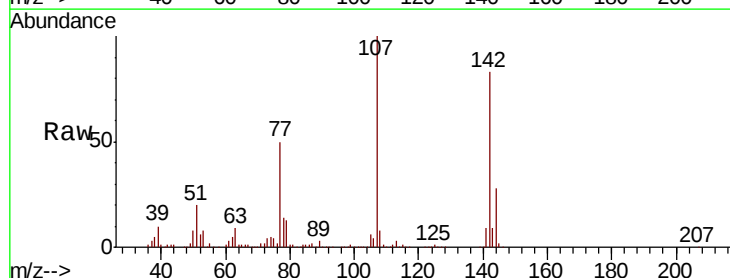
Tgt Ion:107 Resp: 660629

Ion Ratio Lower Upper

107 100

144 27.6 21.9 32.9

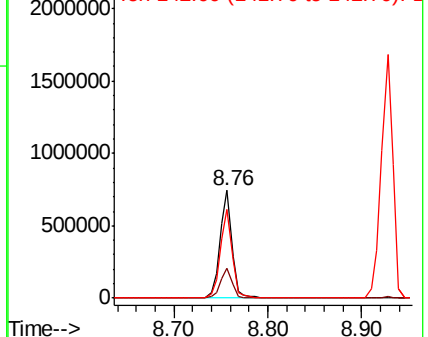
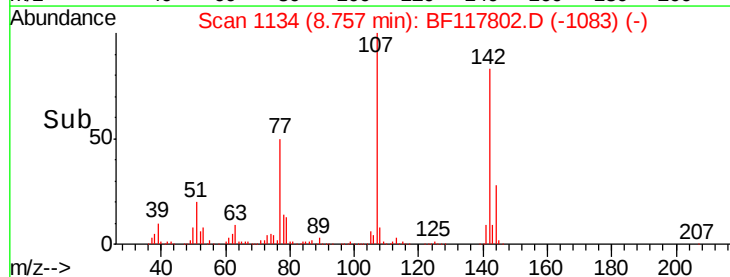
142 82.8 67.7 101.5

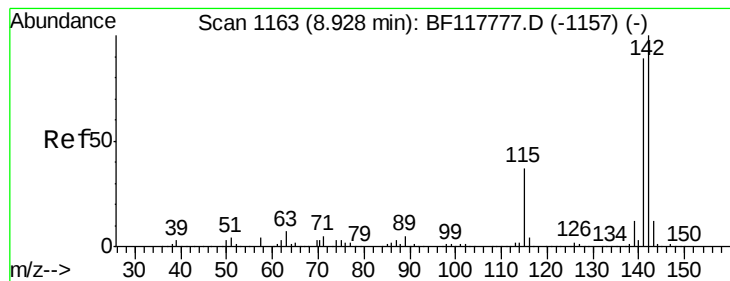


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.572 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

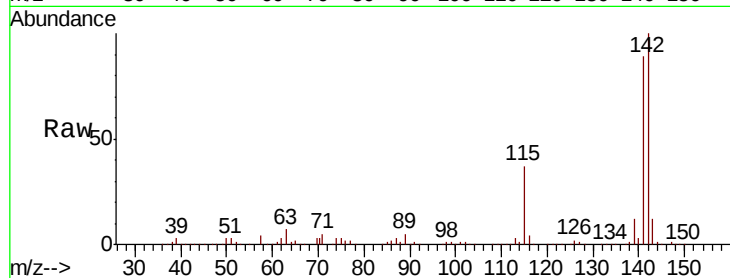
Tot Ion:142 Resp: 1445751

Ion Ratio Lower Upper

142 100

141 89.2 71.1 106.7

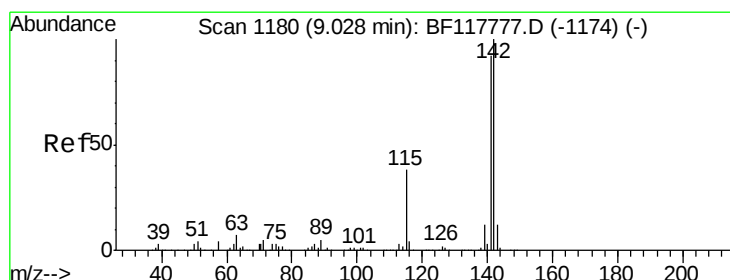
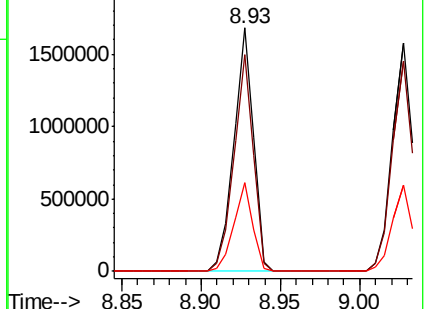
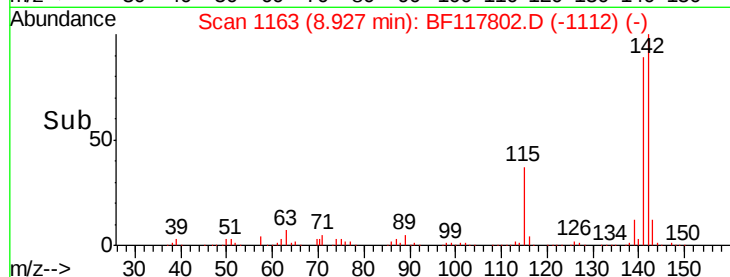
115 36.7 29.2 43.8



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: 39.661 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

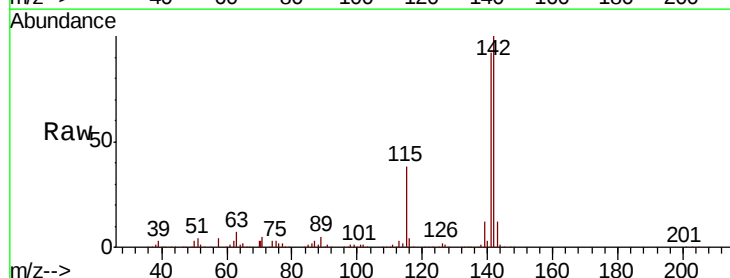
Tgt Ion:142 Resp: 1369894

Ion Ratio Lower Upper

142 100

141 92.4 73.5 110.3

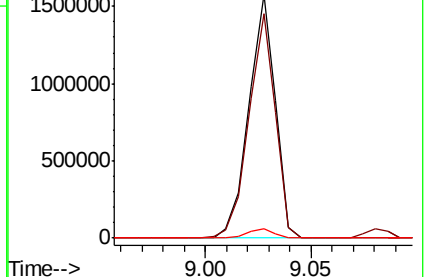
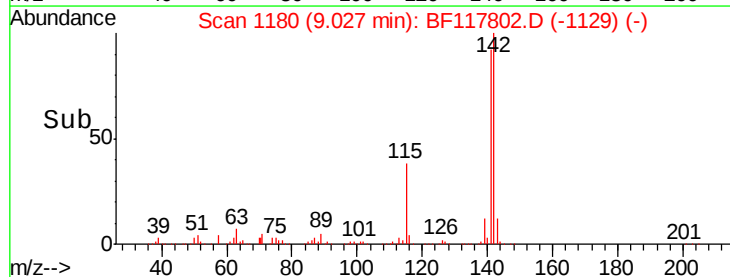
116 4.0 3.2 4.8



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

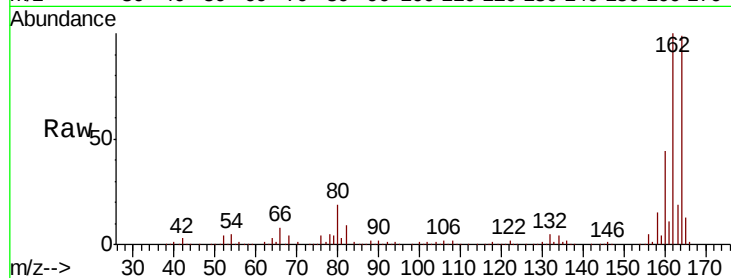




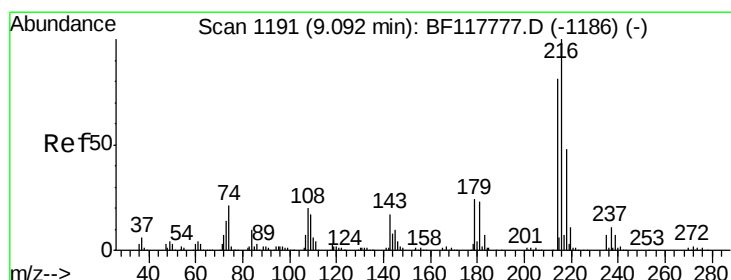
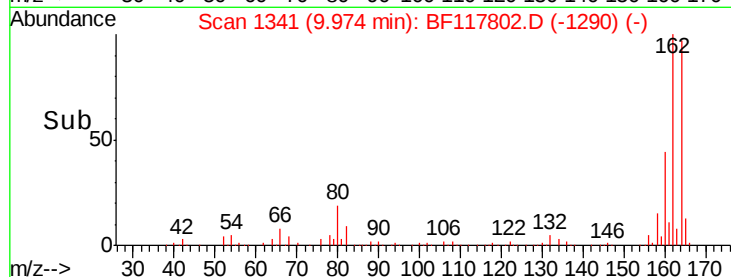
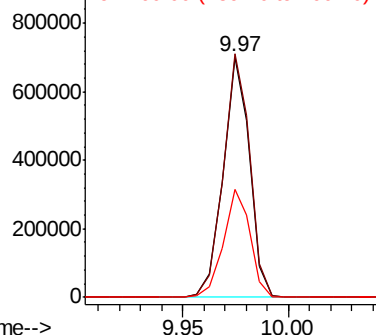
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	45.1	36.6	55.0

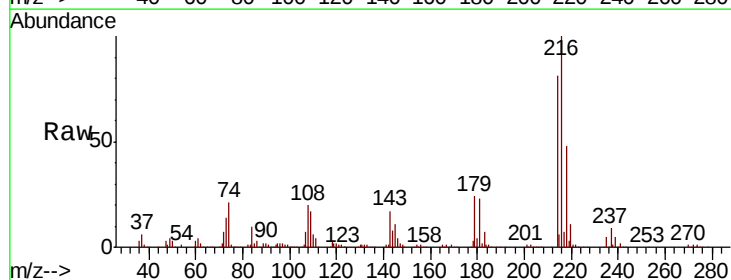


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

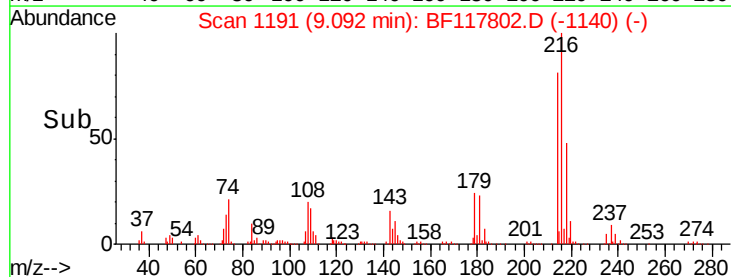
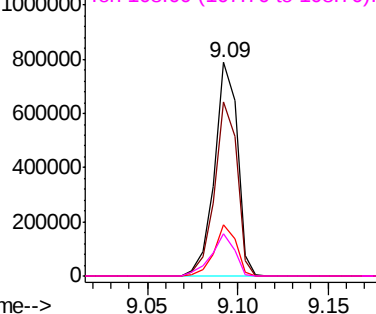


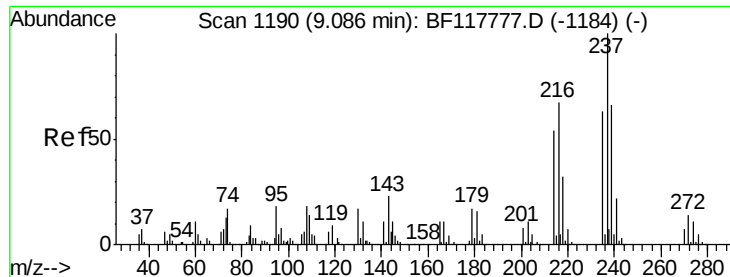
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.043 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.0
179	22.9	18.2	27.4
108	19.9	16.0	24.0



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





#41

Hexachlorocyclopentadiene

Concen: 38.483 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

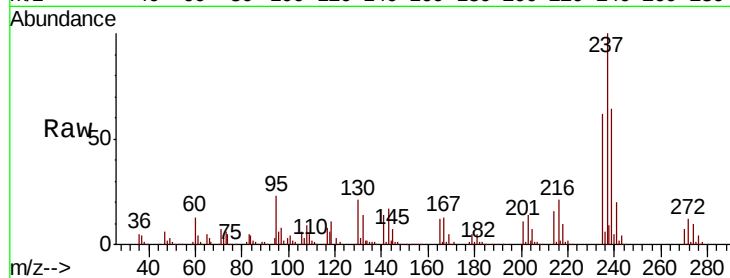
Tot Ion:237 Resp: 381132

Ion Ratio Lower Upper

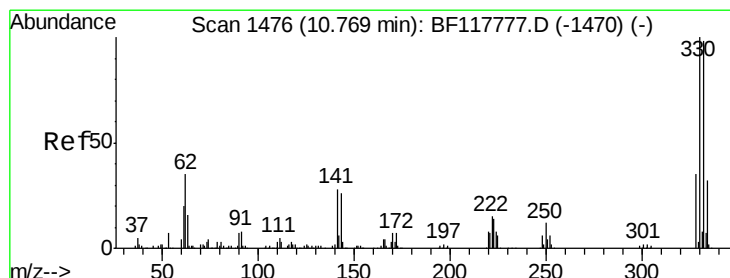
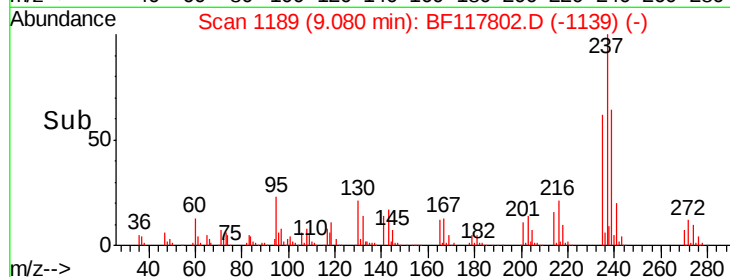
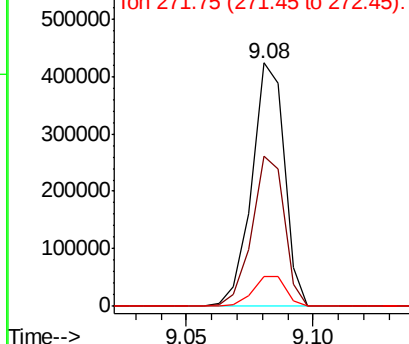
237 100

235 61.8 42.6 82.6

272 12.1 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: 79.105 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

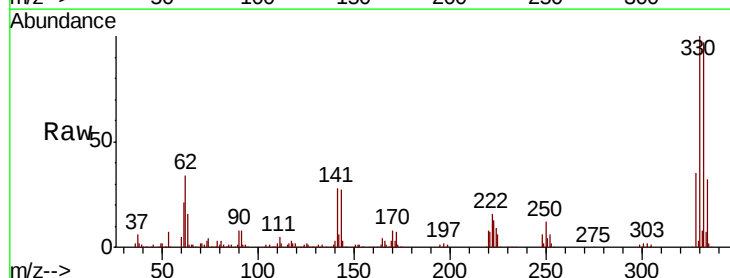
Tgt Ion:330 Resp: 509643

Ion Ratio Lower Upper

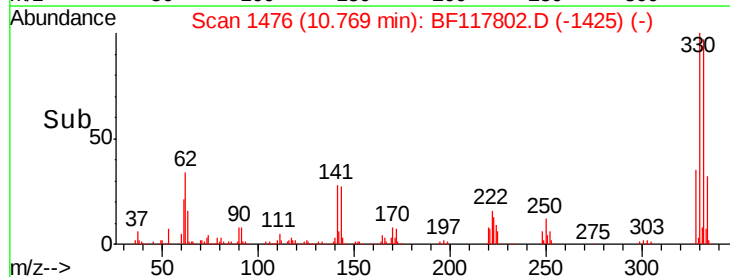
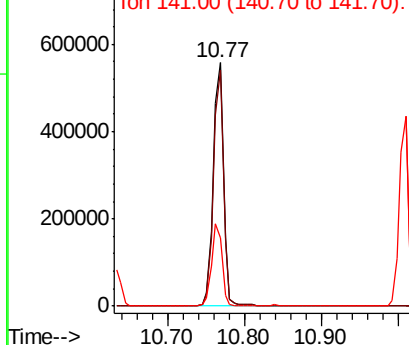
330 100

332 94.9 76.7 115.1

141 34.2 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

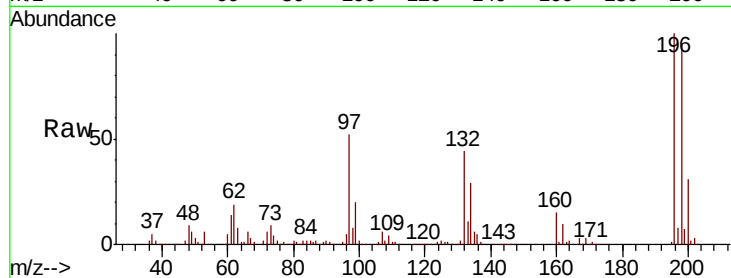




#43
 2,4,6-Trichlorophenol
 Concen: 39.418 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	498966
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.8	116.6
200	31.2	25.4	38.0

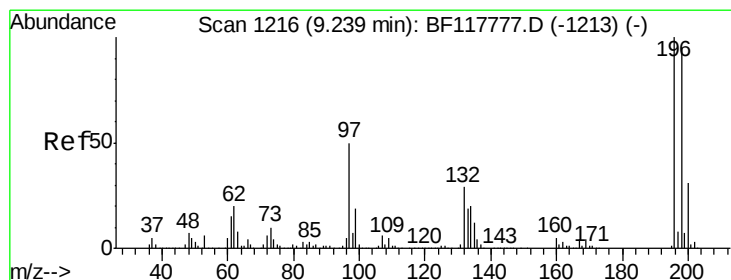
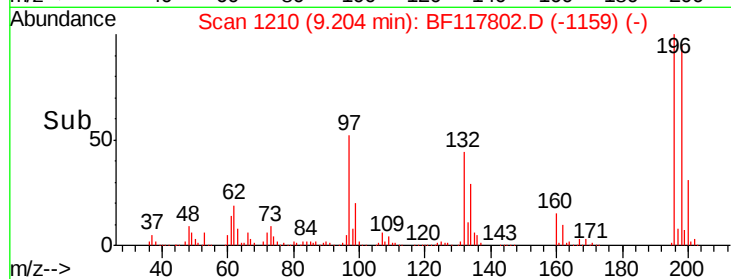
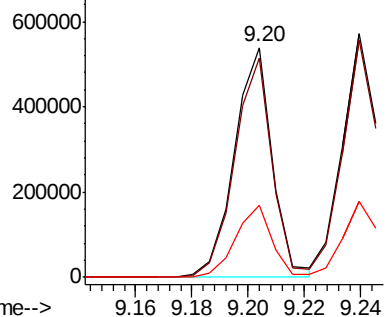


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.147 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion	196	Resp	501354
Ion Ratio	Lower	Upper	
196	100		
198	97.5	76.3	114.5
97	50.5	40.0	60.0
132	30.0	23.6	35.4

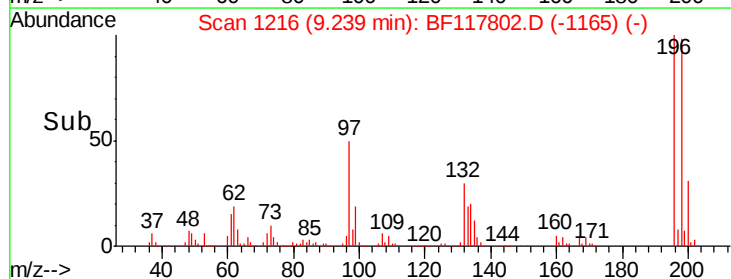
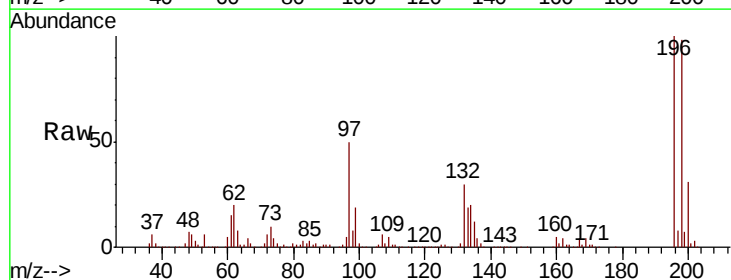
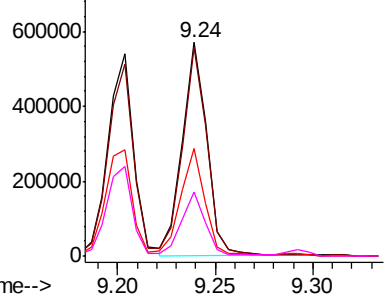
Abundance

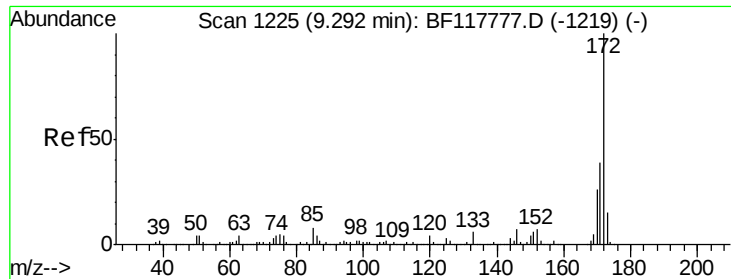
Ion 196.00 (195.70 to 196.70): E

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

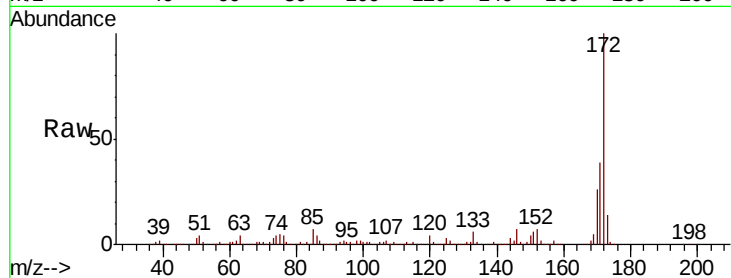




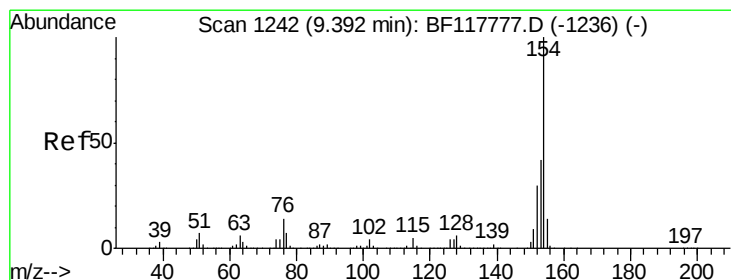
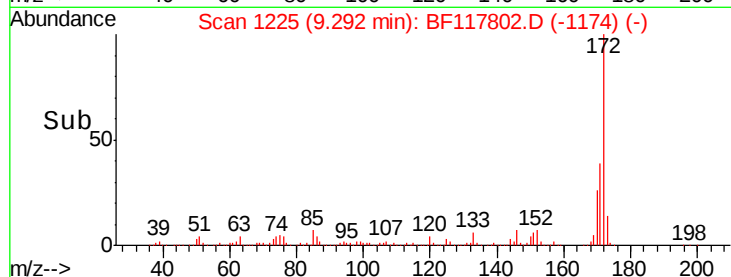
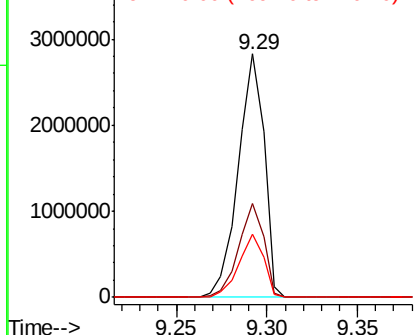
#45
2-Fluorobiphenyl
Concen: 82.542 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2799858
Ion Ratio Lower Upper
172 100
171 38.6 30.9 46.3
170 26.1 21.0 31.4

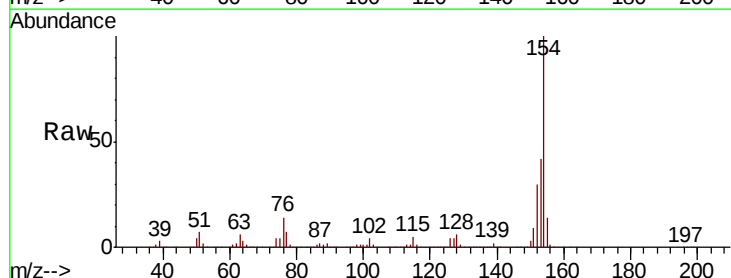


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

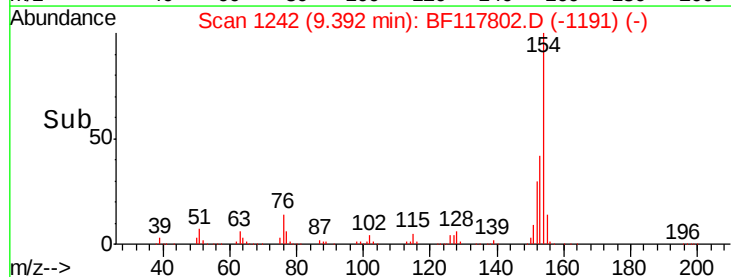
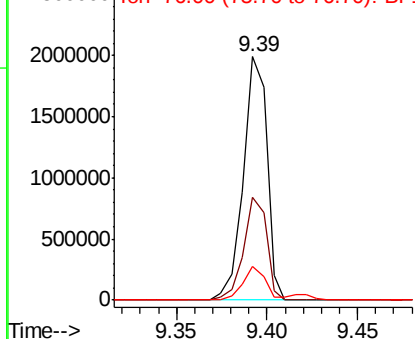


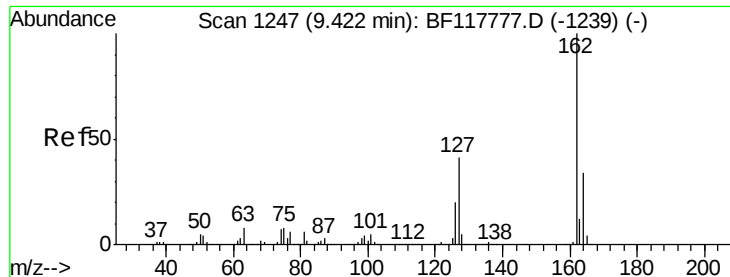
#46
1,1'-Biphenyl
Concen: 39.715 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:154 Resp: 1793047
Ion Ratio Lower Upper
154 100
153 42.1 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

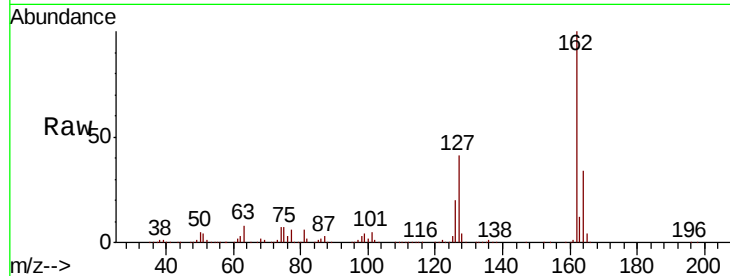




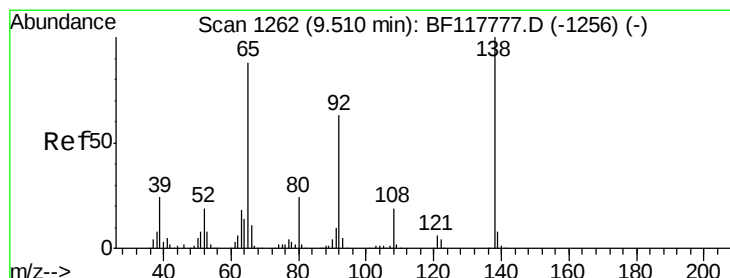
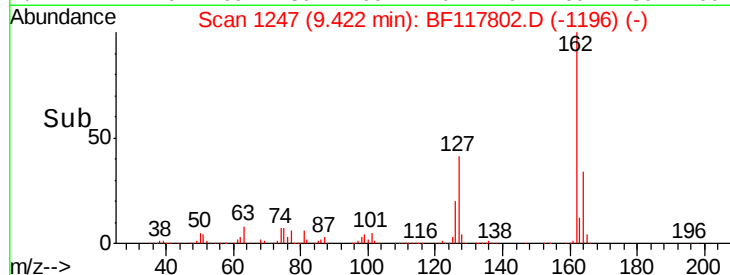
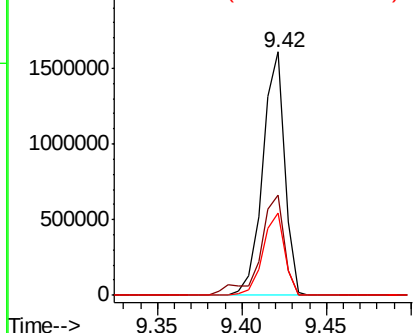
#47
 2-Chloronaphthalene
 Concen: 38.964 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1447190
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.2 49.8
 164 33.9 27.3 40.9

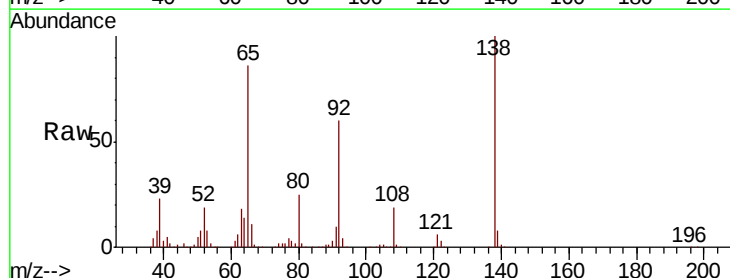


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

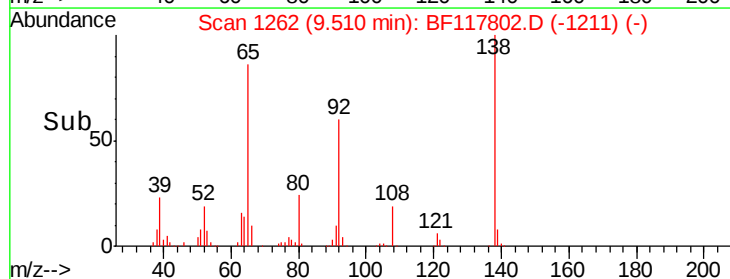
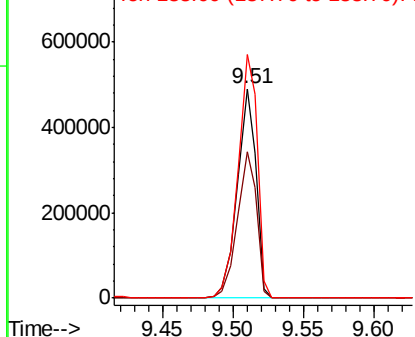


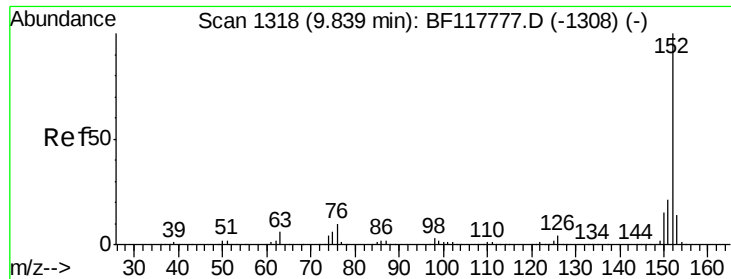
#48
 2-Nitroaniline
 Concen: 40.372 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion: 65 Resp: 452703
 Ion Ratio Lower Upper
 65 100
 92 70.2 56.6 84.8
 138 116.3 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: 39.368 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

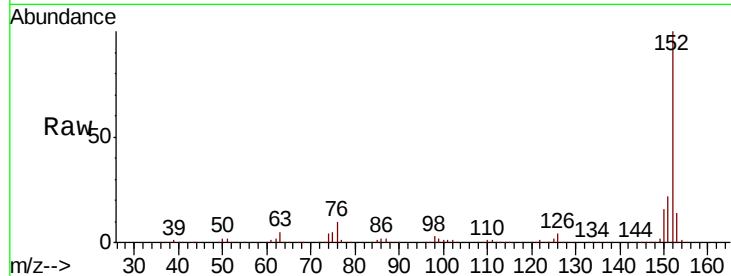
Tot Ion:152 Resp: 2131779

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6

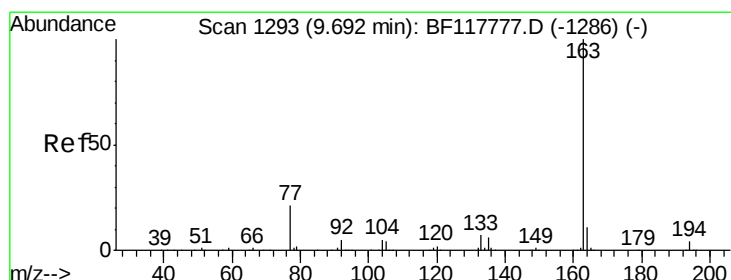
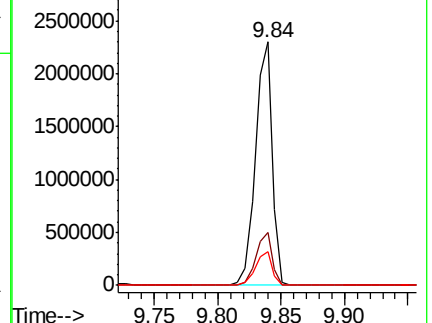
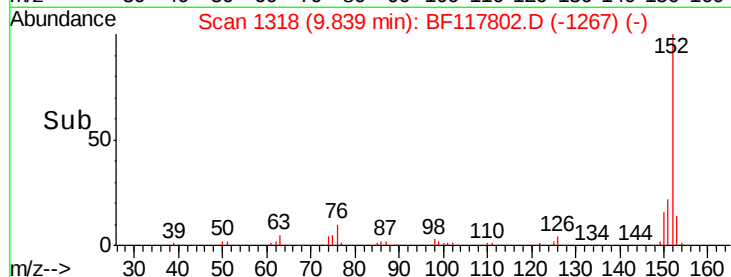
153 13.9 11.0 16.6



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: 38.819 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

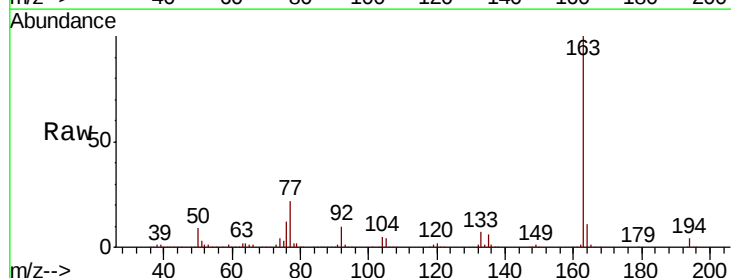
Tgt Ion:163 Resp: 1656573

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

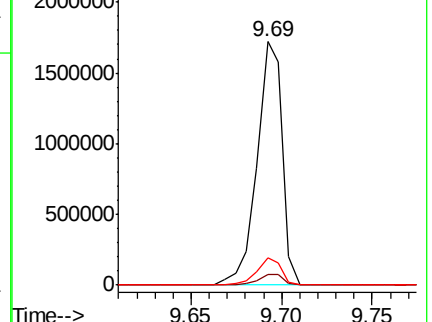
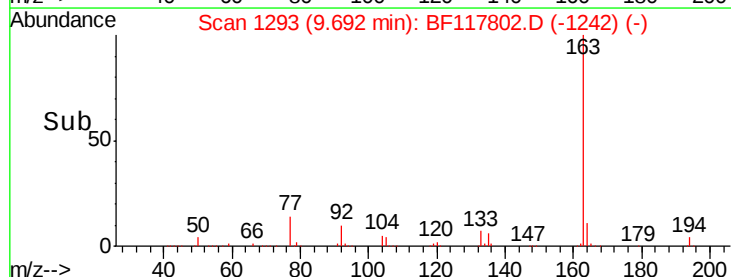
164 11.0 8.7 13.1

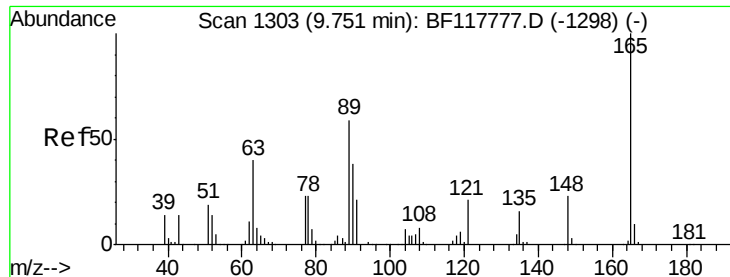


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

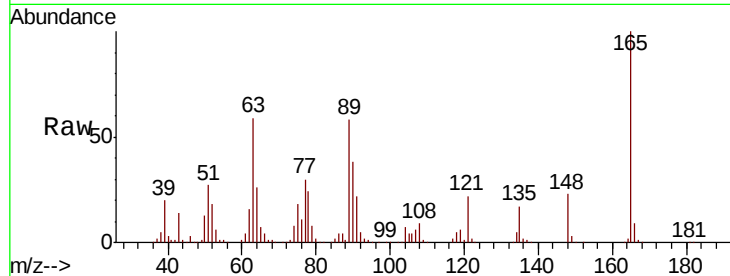




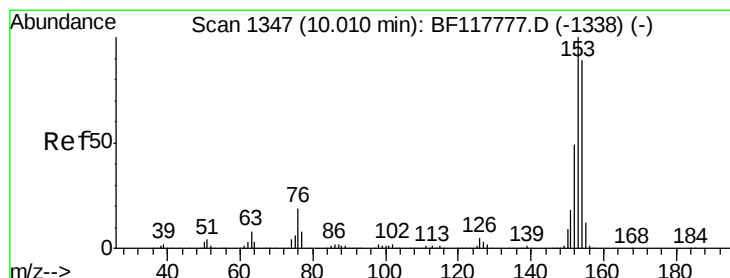
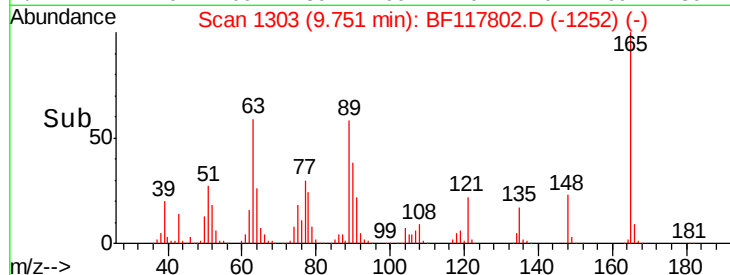
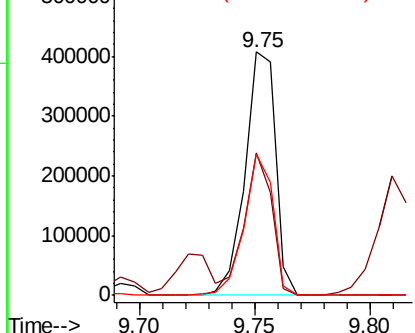
#51
2,6-Dinitrotoluene
Concen: 40.497 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 377694
Ion Ratio Lower Upper
165 100
63 58.7 46.0 69.0
89 57.8 47.7 71.5

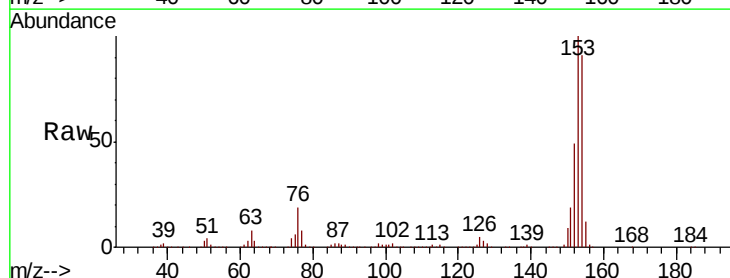


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

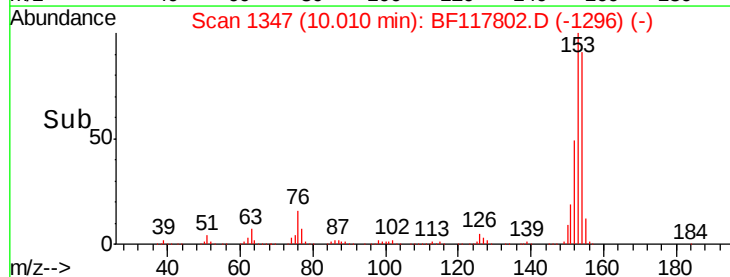
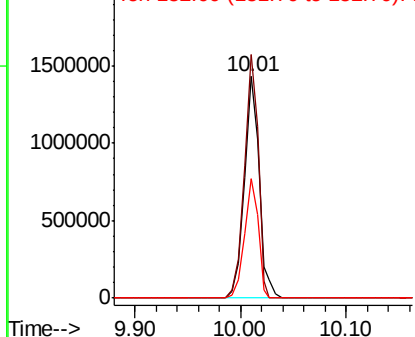


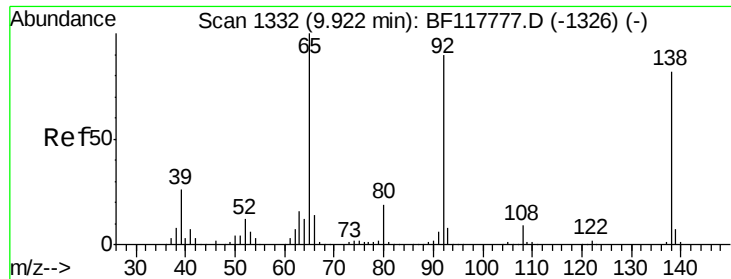
#52
Acenaphthene
Concen: 39.461 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:154 Resp: 1368841
Ion Ratio Lower Upper
154 100
153 110.0 90.1 135.1
152 54.2 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

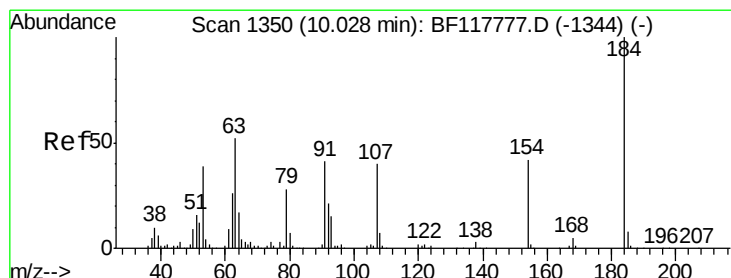
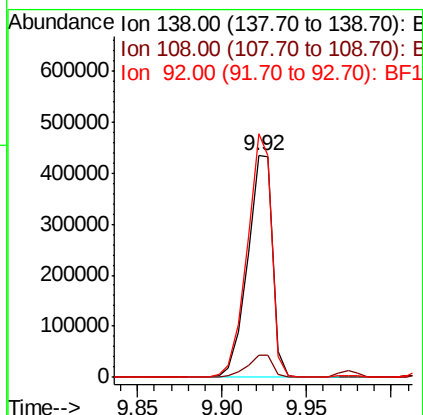
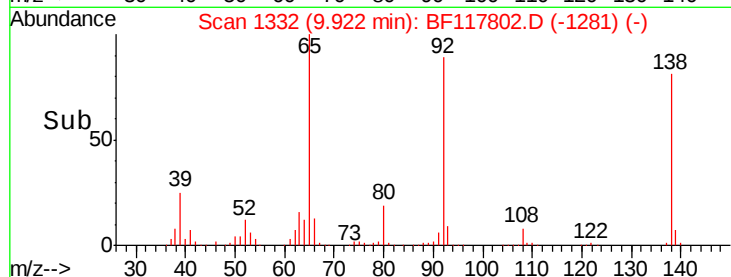
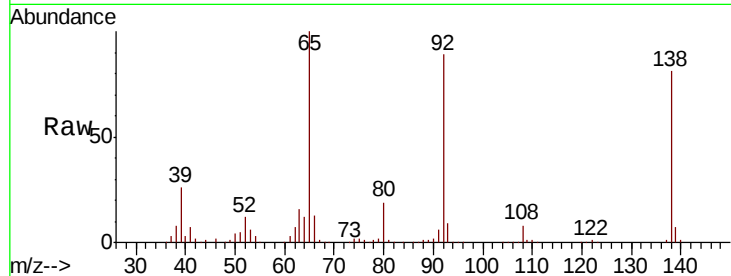




#53
3-Nitroaniline
Concen: 40.462 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

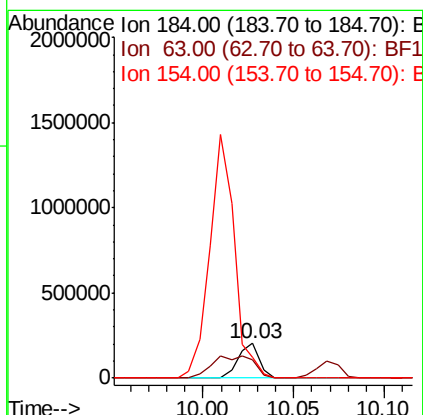
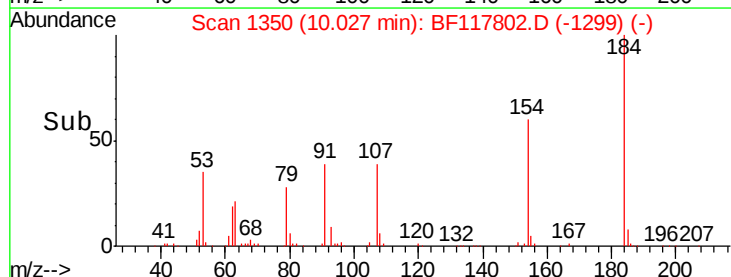
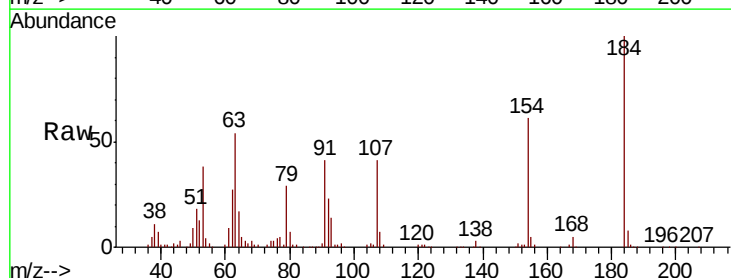
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 451555
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 110.1 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 39.053 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:184 Resp: 167666
Ion Ratio Lower Upper
184 100
63 54.3 43.0 64.6
154 60.5 48.0 72.0

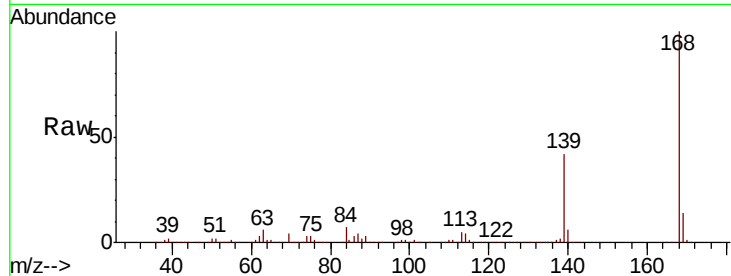




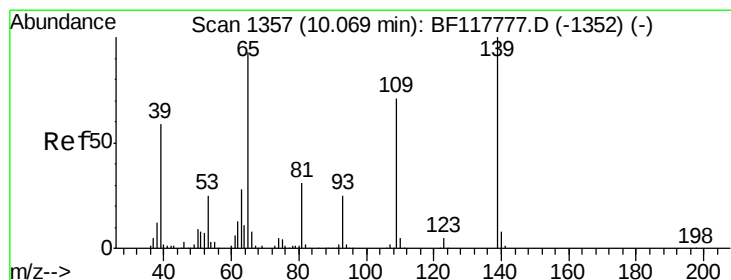
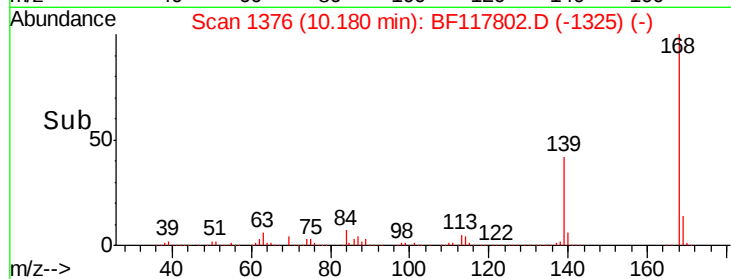
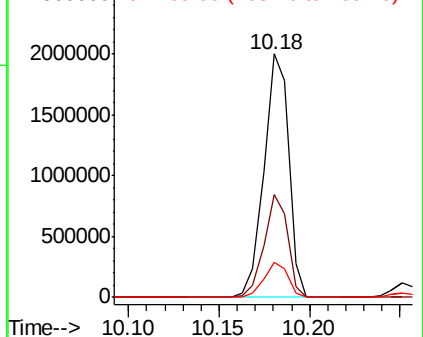
#55
 Dibenzofuran
 Concen: 39.487 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 1896776
 Ion Ratio Lower Upper
 168 100
 139 42.0 33.0 49.6
 169 14.4 11.5 17.3

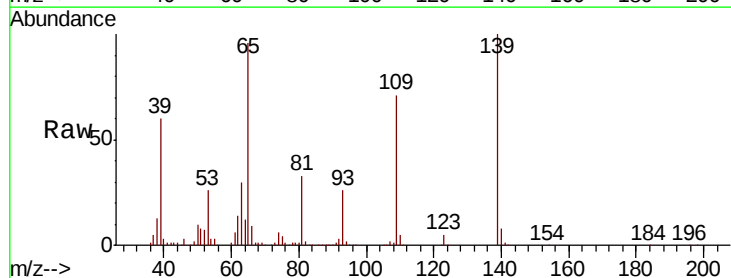


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

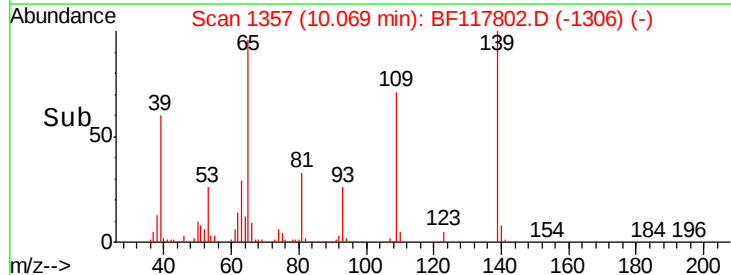
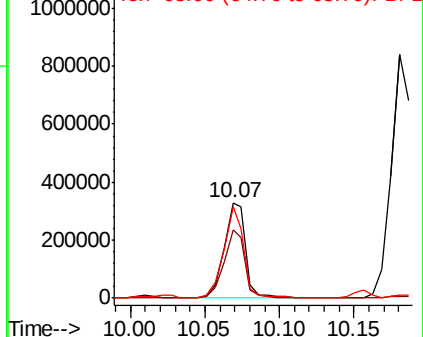


#56
 4-Nitrophenol
 Concen: 40.275 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion:139 Resp: 335497
 Ion Ratio Lower Upper
 139 100
 109 71.4 50.8 90.8
 65 95.8 73.6 113.6



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

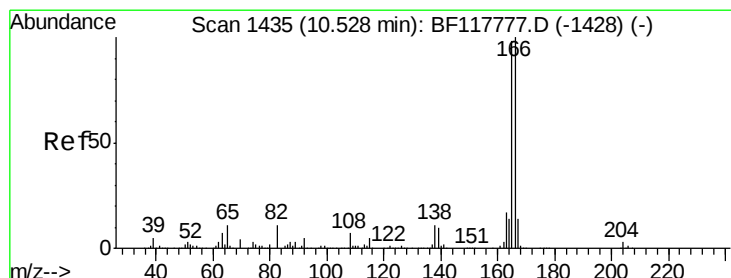
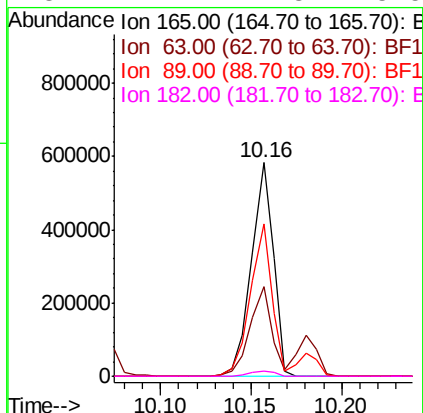
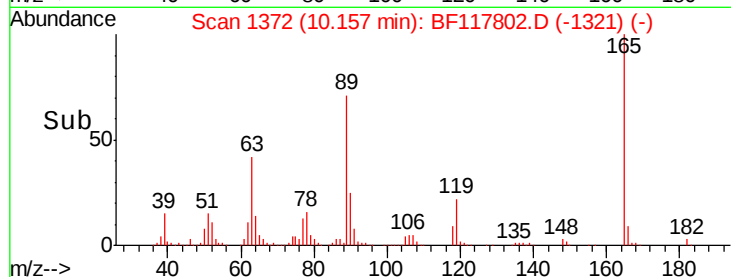
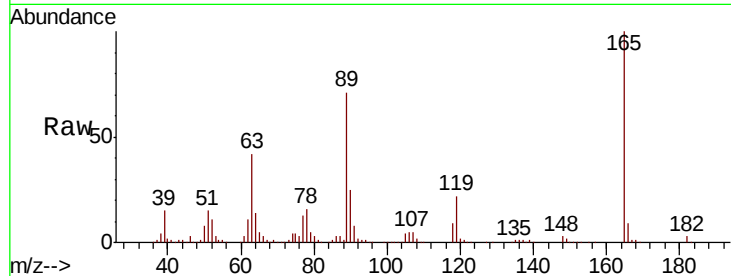




#57
2,4-Dinitrotoluene
Concen: 41.424 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

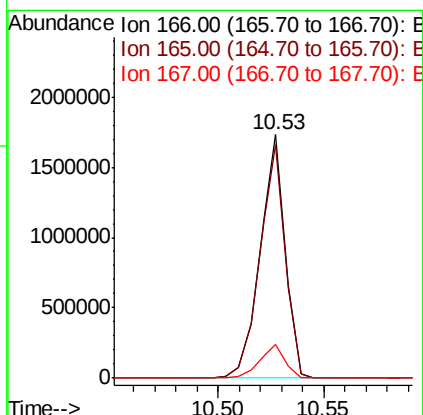
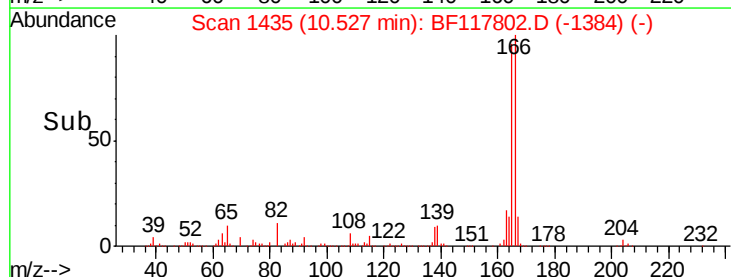
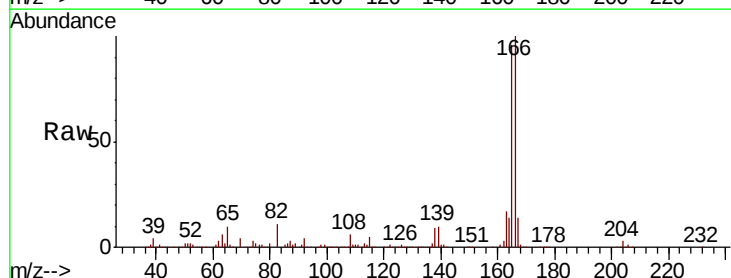
Instrument :
BNA_F
ClientSampleId :

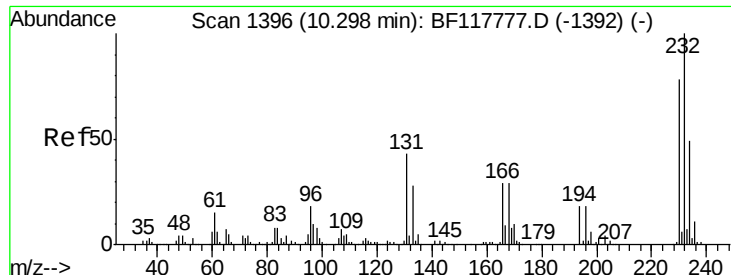
Tot Ion:165	Resp:	491451
Ion	Ratio	Lower Upper
165	100	
63	41.7	33.7 50.5
89	71.3	57.3 85.9
182	2.7	2.3 3.5



#58
Fluorene
Concen: 38.270 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:166	Resp:	1424554
Ion	Ratio	Lower Upper
166	100	
165	95.9	78.4 117.6
167	13.6	11.0 16.4

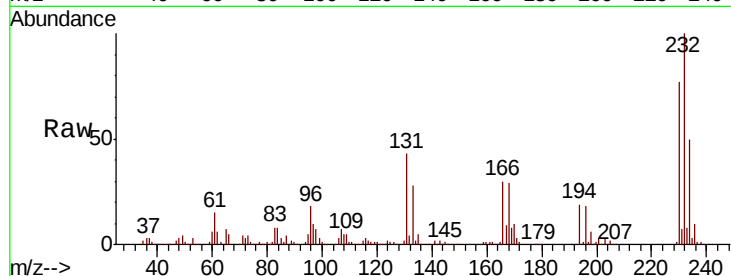




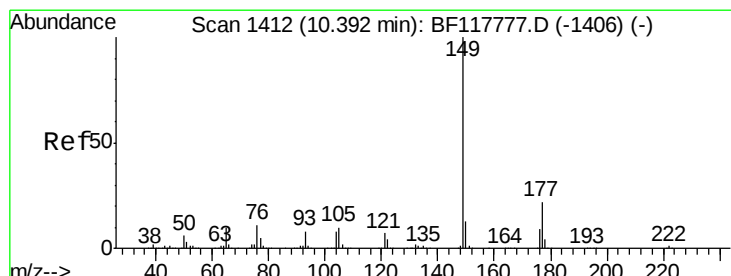
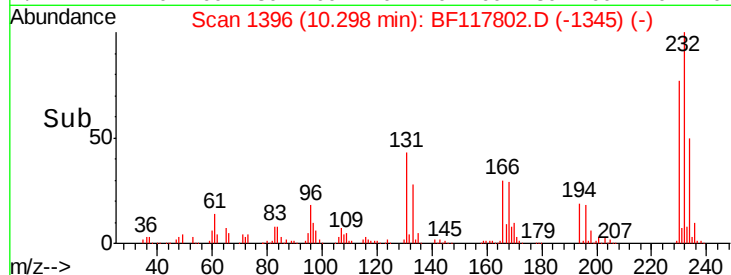
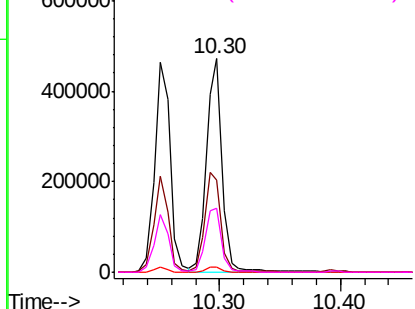
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.984 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 420984
Ion Ratio Lower Upper
232 100
131 48.1 37.6 56.4
130 2.3 1.9 2.9
166 31.2 24.2 36.4

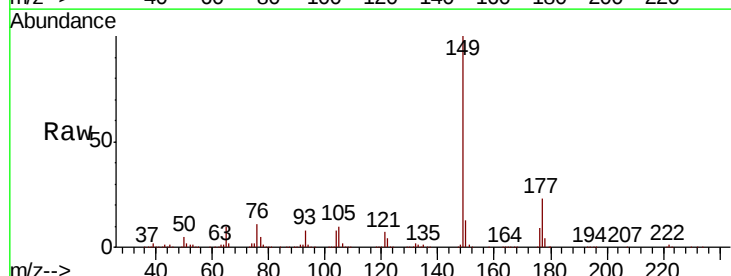


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

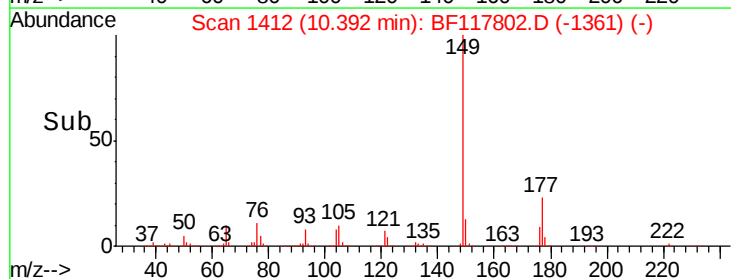
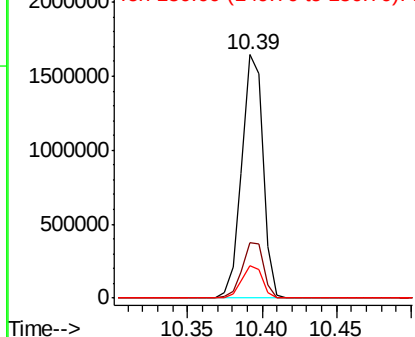


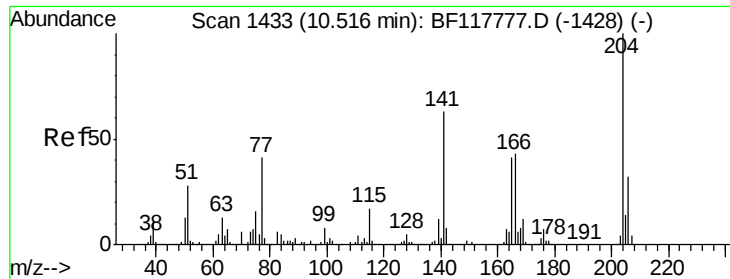
#60
Diethylphthalate
Concen: 39.323 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:149 Resp: 1635995
Ion Ratio Lower Upper
149 100
177 23.0 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

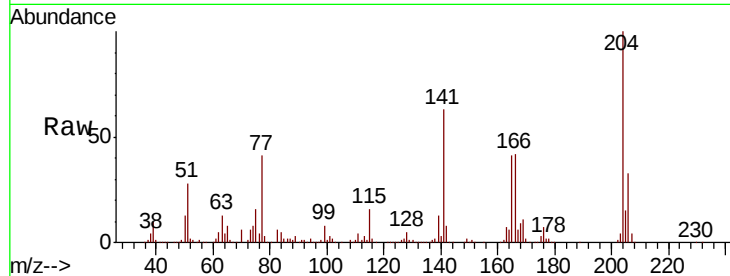




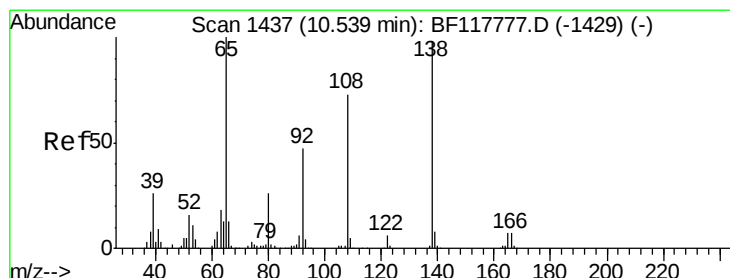
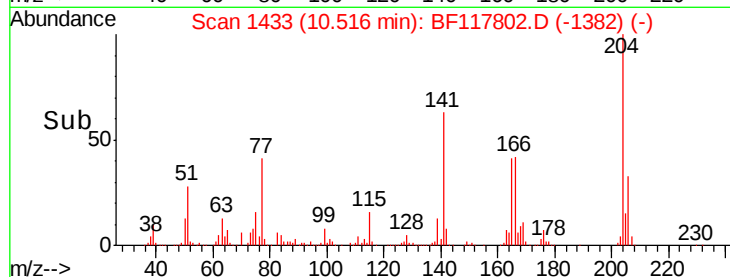
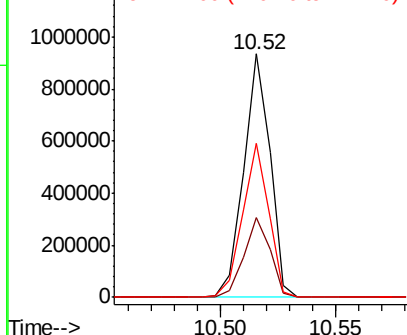
#61
4-Chlorophenyl-phenylether
Concen: 39.435 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 744953
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 63.1 50.7 76.1

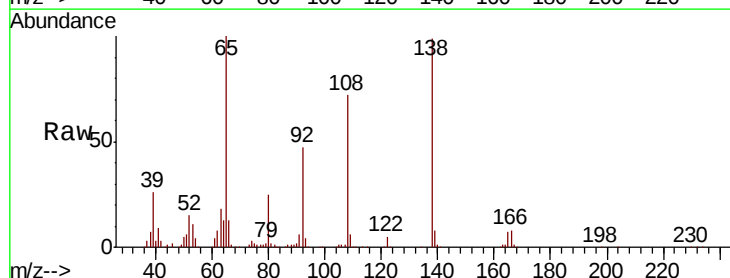


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

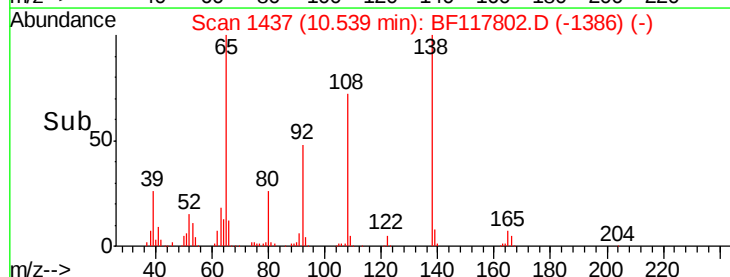
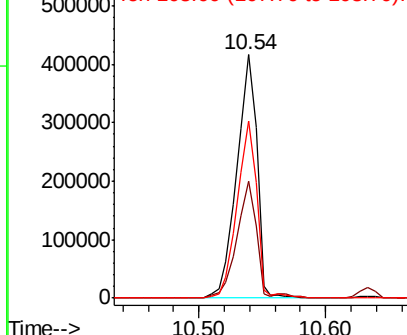


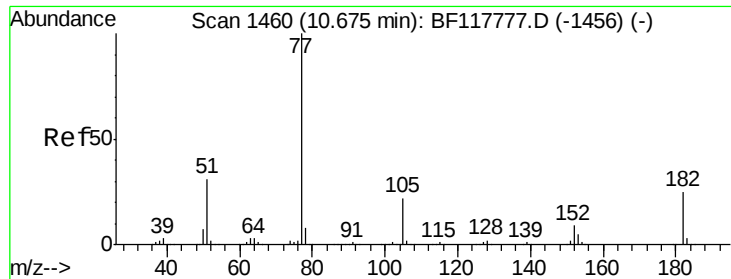
#62
4-Nitroaniline
Concen: 40.704 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:138 Resp: 454820
Ion Ratio Lower Upper
138 100
92 47.8 28.3 68.3
108 73.0 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

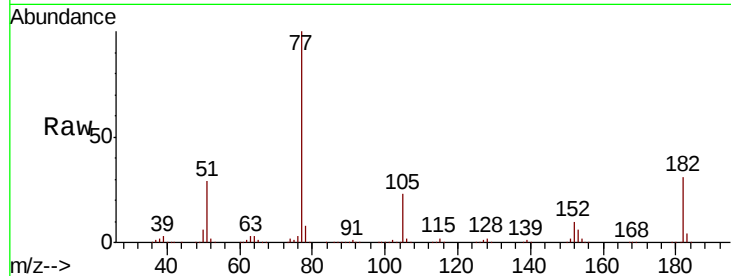




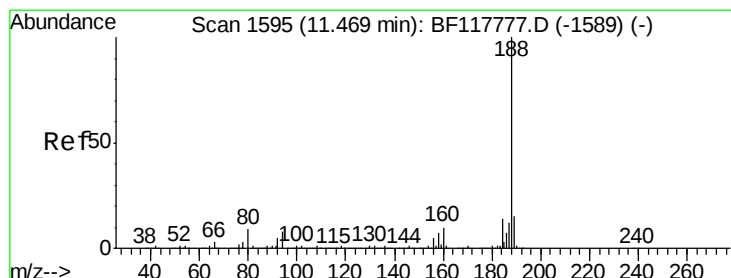
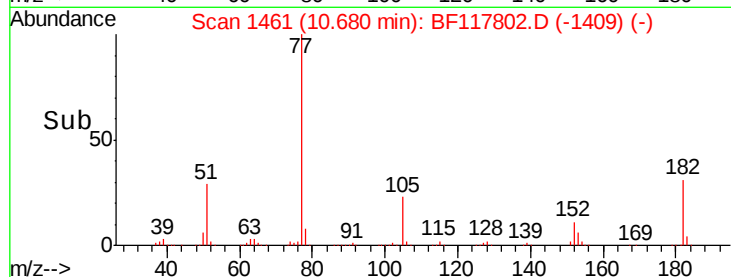
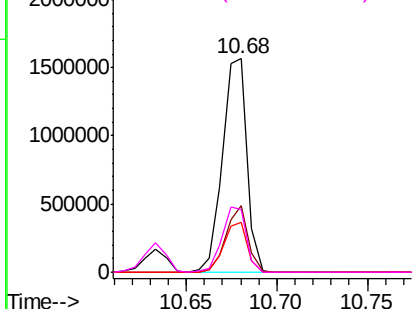
#63
Azobenzene
Concen: 38.862 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1470923
Ion Ratio Lower Upper
77 100
182 31.0 4.8 44.8
105 23.1 2.1 42.1
51 29.5 11.4 51.4

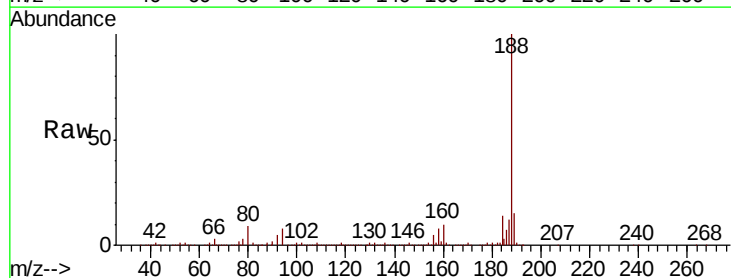


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

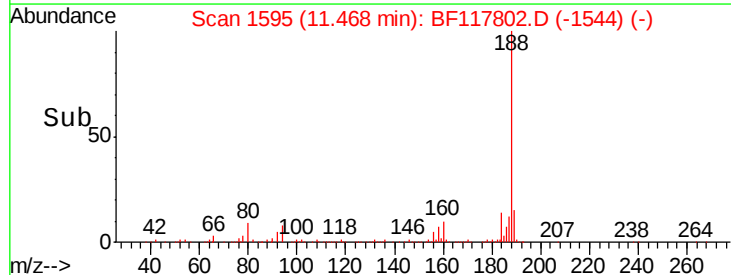
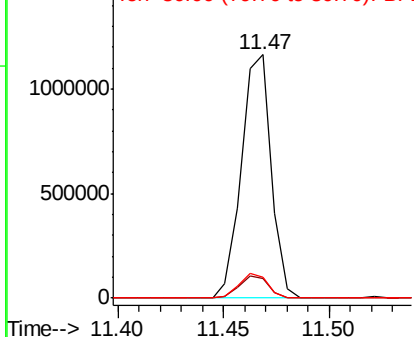


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion: 188 Resp: 1138026
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.7 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

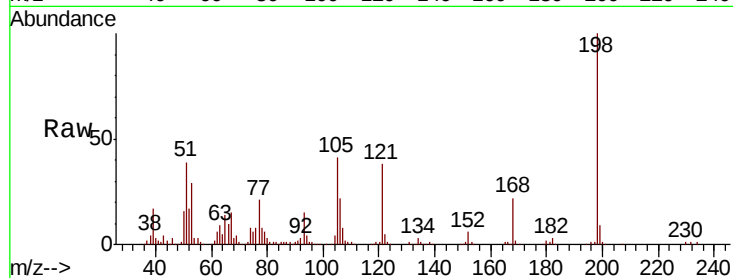




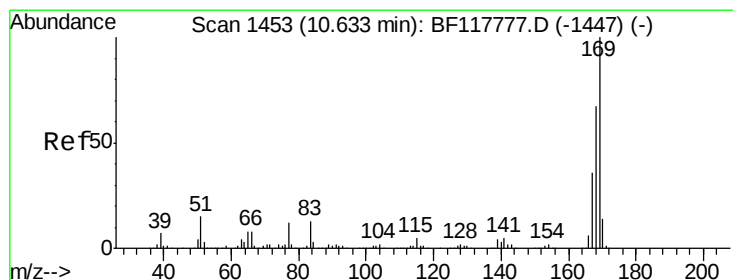
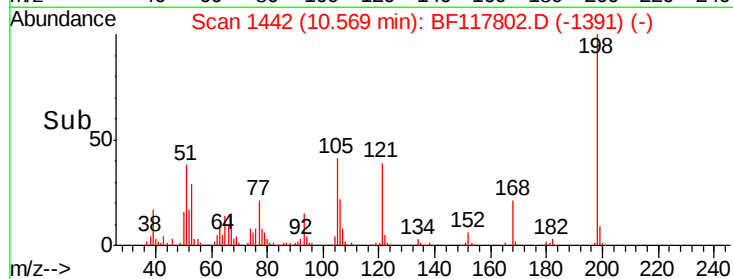
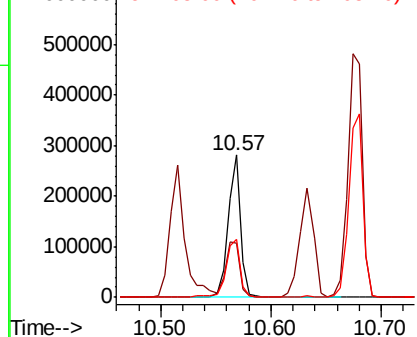
#65
4,6-Dinitro-2-methylphenol
Concen: 41.658 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 221317
Ion Ratio Lower Upper
198 100
51 38.5 16.0 56.0
105 40.6 19.1 59.1

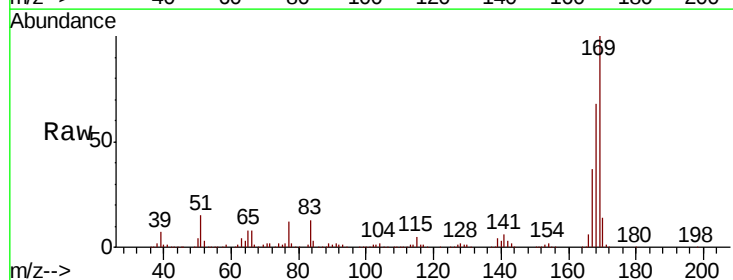


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

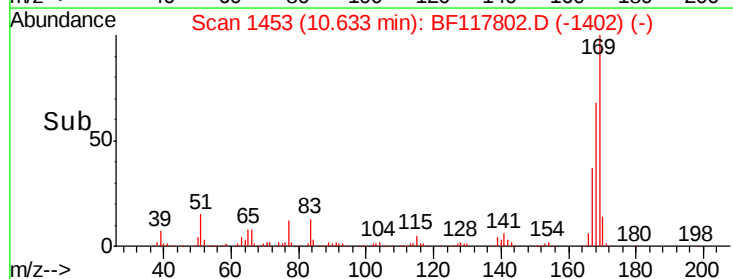
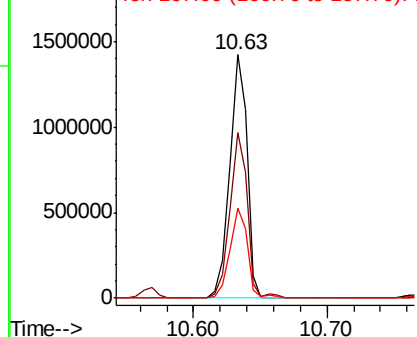


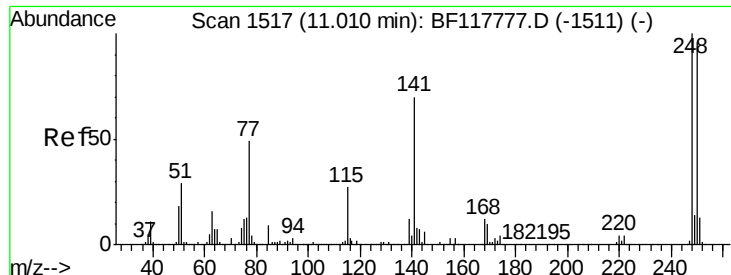
#66
n-Nitrosodiphenylamine
Concen: 39.659 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:169 Resp: 1313493
Ion Ratio Lower Upper
169 100
168 67.8 53.5 80.3
167 37.1 29.0 43.4



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

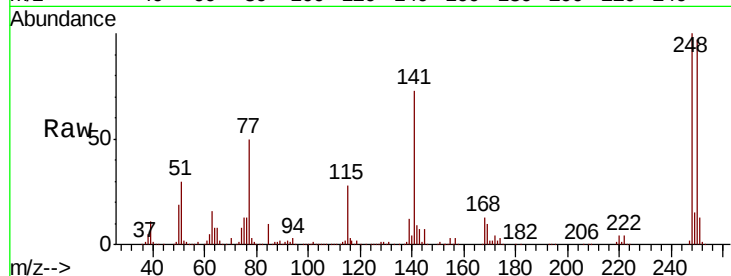




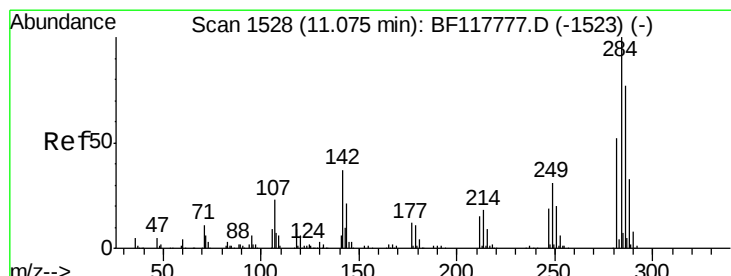
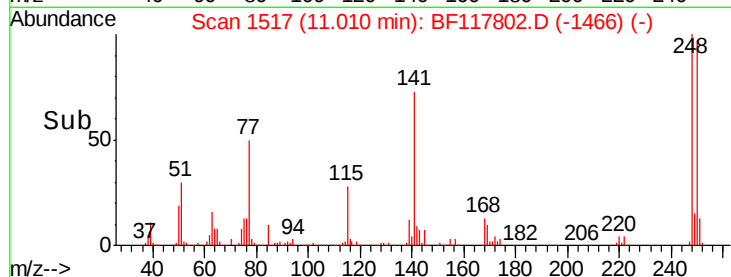
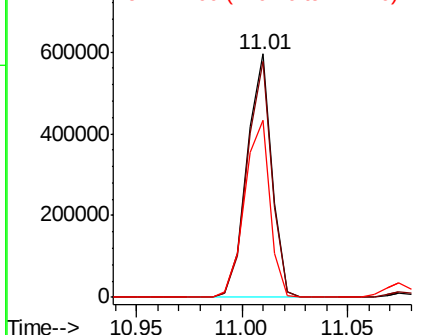
#67
4-Bromophenyl-phenylether
Concen: 39.580 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 486003
Ion Ratio Lower Upper
248 100
250 96.9 76.6 115.0
141 72.9 55.9 83.9

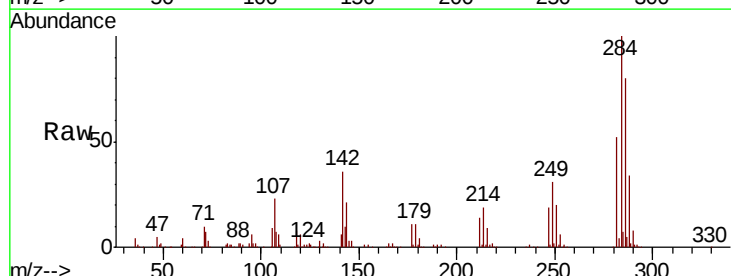


Abundance Ion 248.00 (247.70 to 248.70): E
800000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

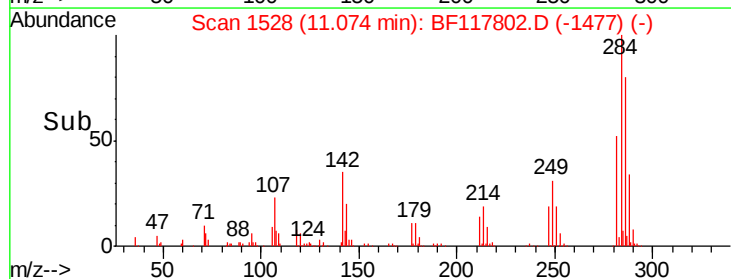
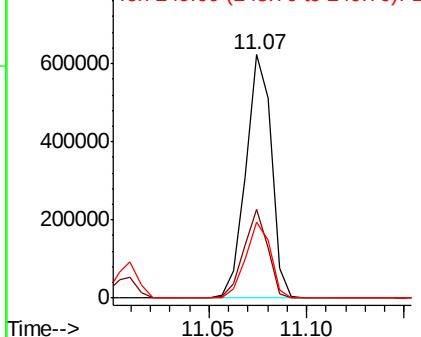


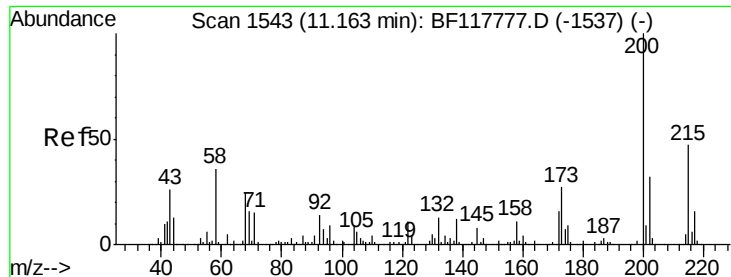
#68
Hexachlorobenzene
Concen: 39.515 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:284 Resp: 565783
Ion Ratio Lower Upper
284 100
142 36.2 29.4 44.2
249 31.3 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
800000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

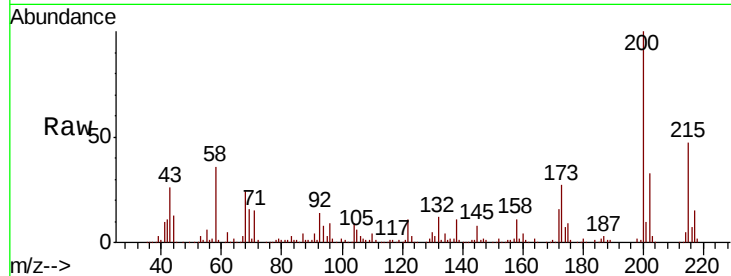




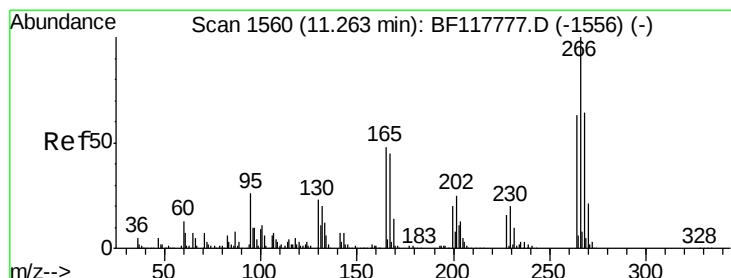
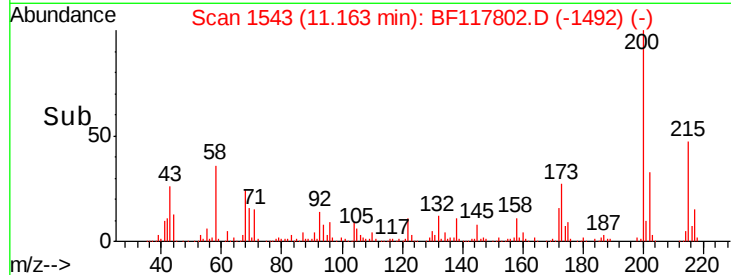
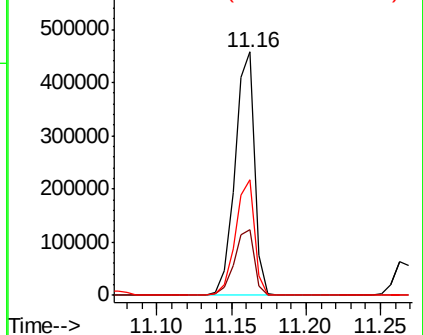
#69
 Atrazine
 Concen: 38.738 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 422043
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.7 46.7
 215 47.4 27.5 67.5

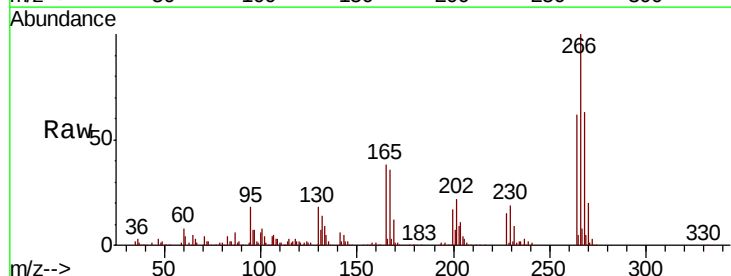


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

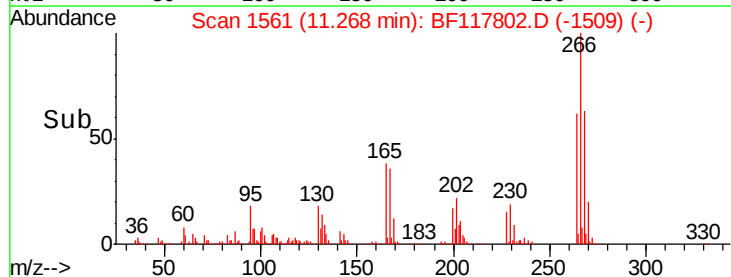
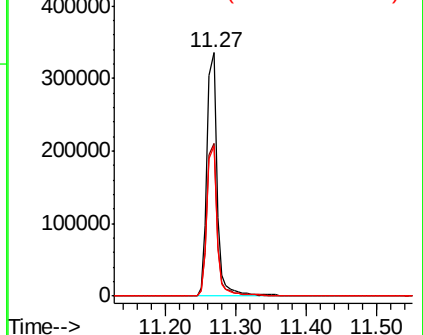


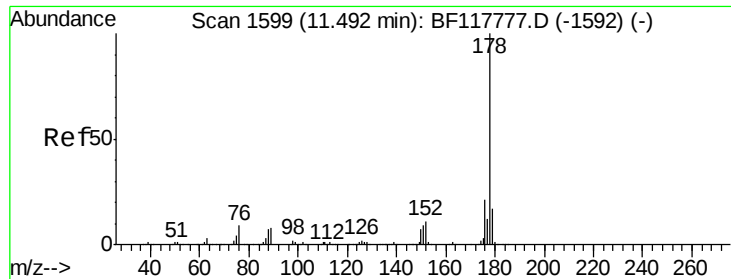
#70
 Pentachlorophenol
 Concen: 40.382 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion:266 Resp: 337795
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.8 76.2
 264 61.5 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

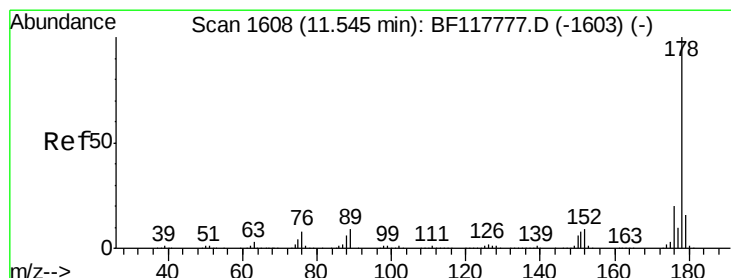
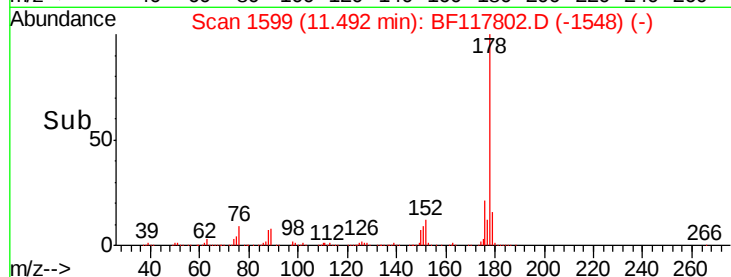
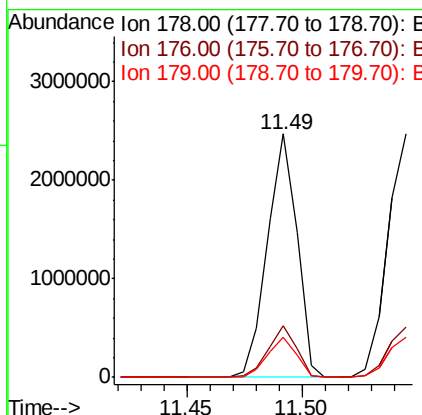
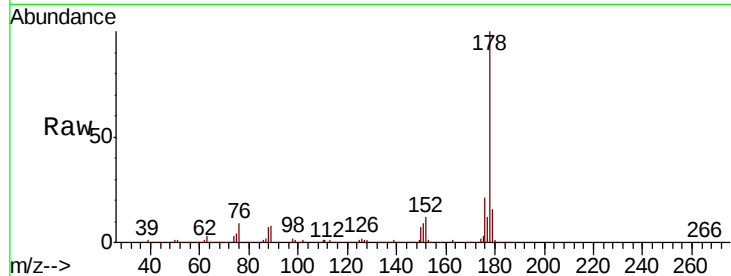




#71
Phenanthrene
Concen: 38.596 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

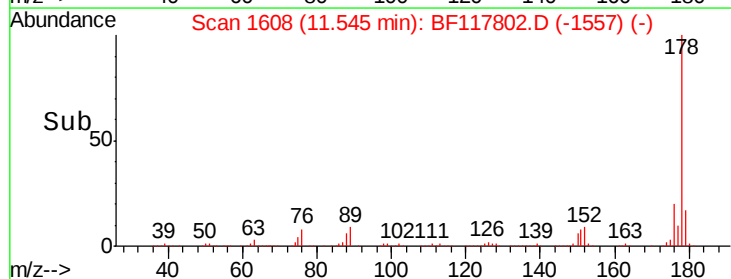
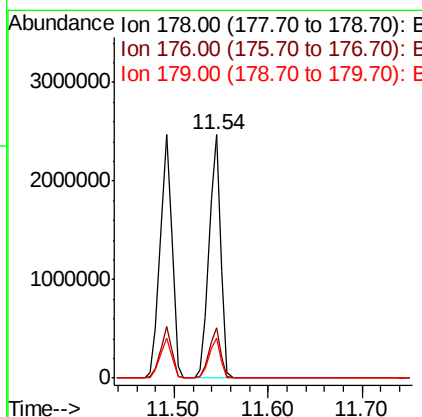
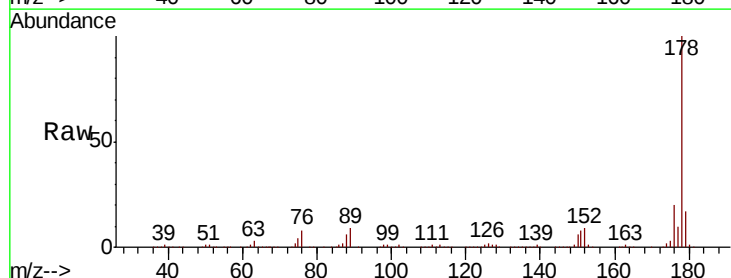
Instrument :
BNA_F
ClientSampleId :

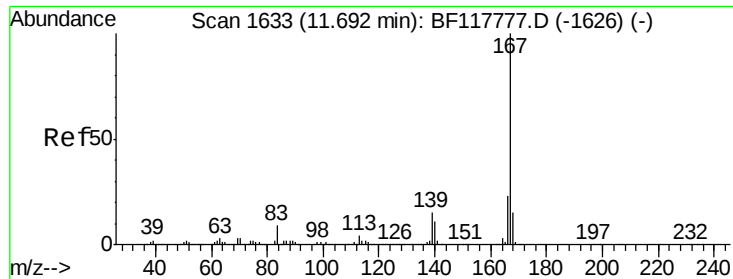
Tot Ion:178 Resp: 2208321
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.4 13.2 19.8



#72
Anthracene
Concen: 38.489 ng
RT: 11.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:178 Resp: 2183443
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.6 13.0 19.4

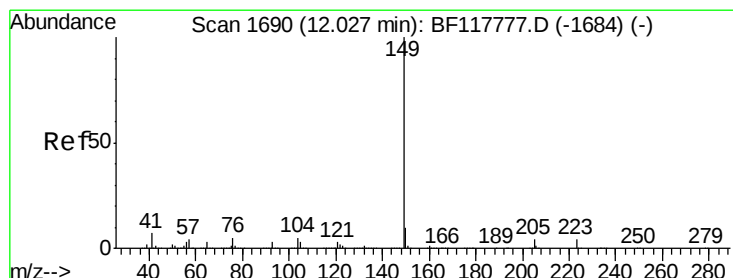
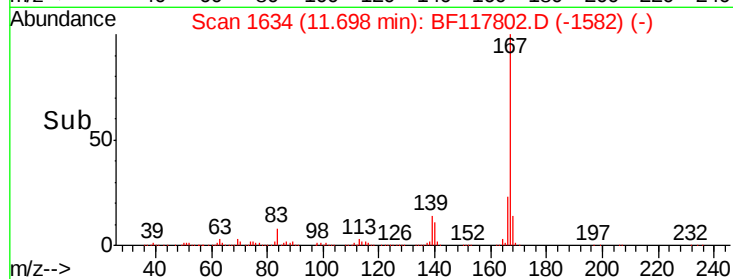
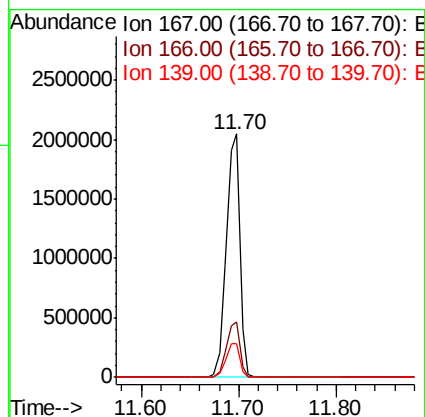
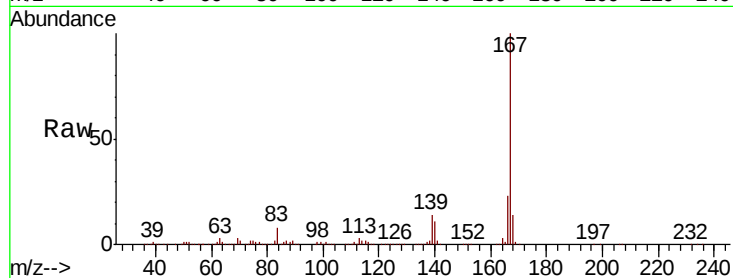




#73
 Carbazole
 Concen: 39.805 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

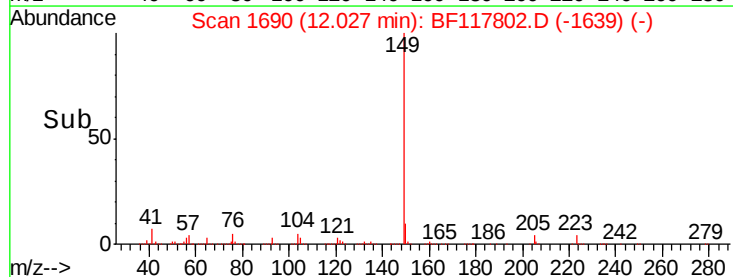
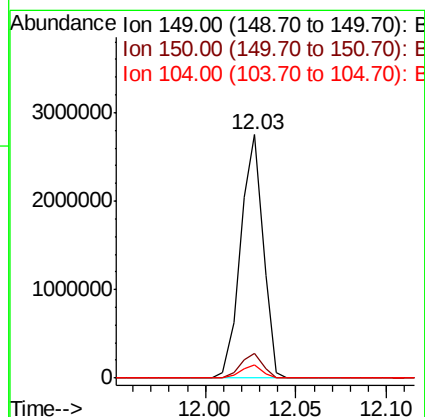
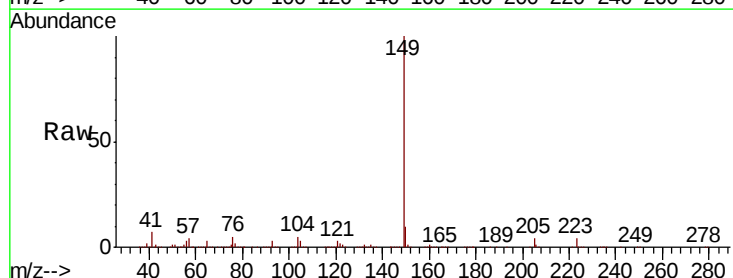
Instrument :
 BNA_F
 ClientSampleId :

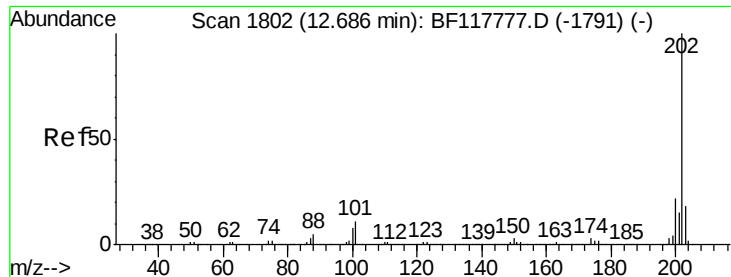
Tot Ion:167 Resp: 1973258
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.0 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 38.373 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion:149 Resp: 2368424
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 42.372 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

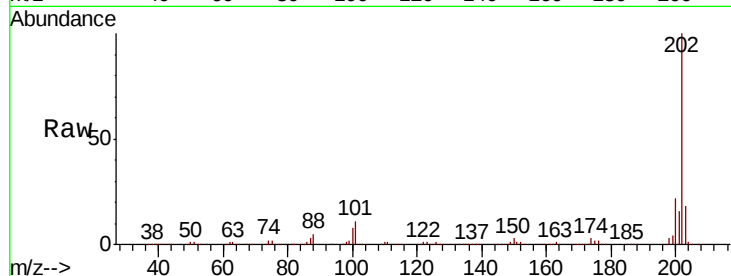
Tot Ion:202 Resp: 2230588

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

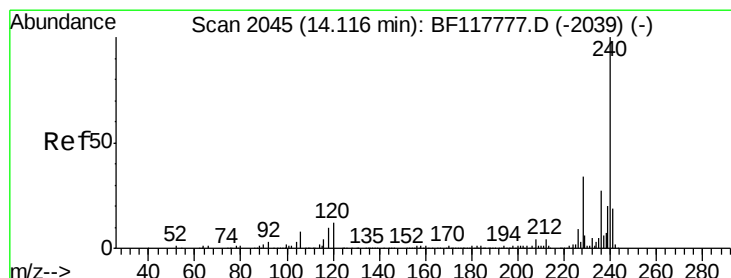
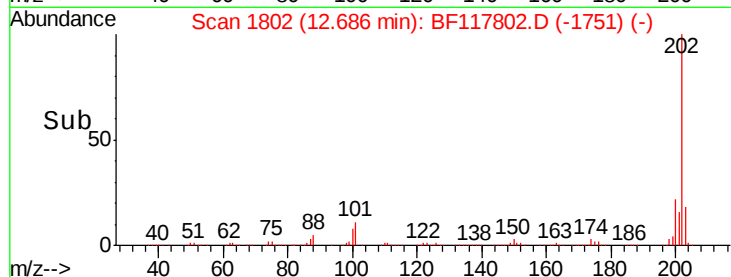
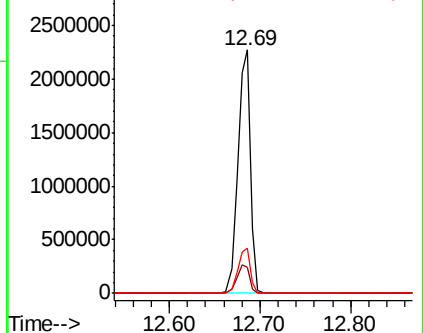
203 18.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

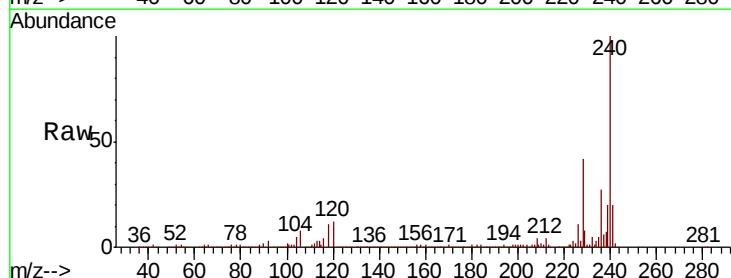
Tgt Ion:240 Resp: 733754

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

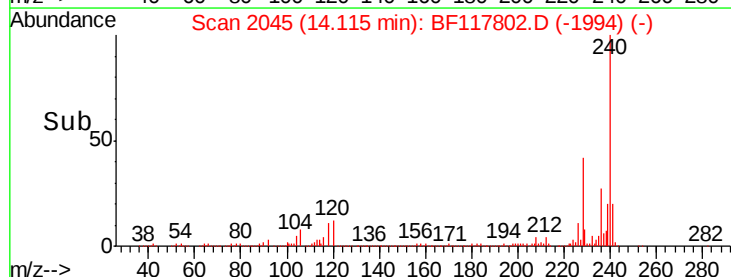
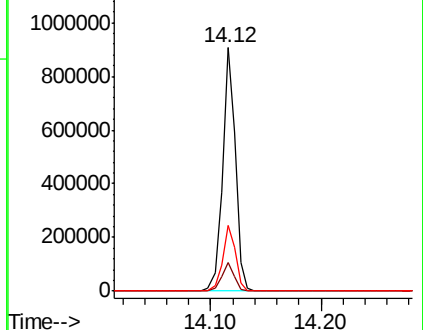
236 26.7 21.3 31.9

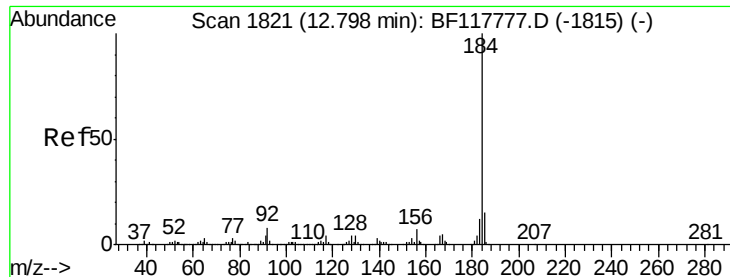


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

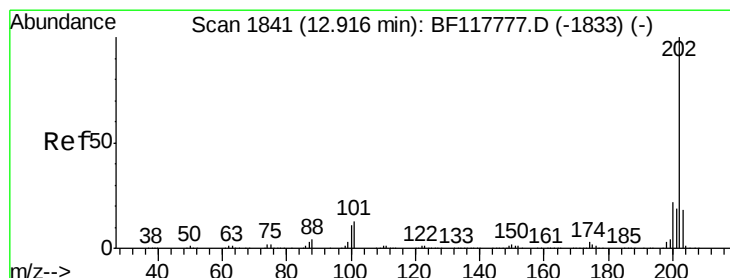
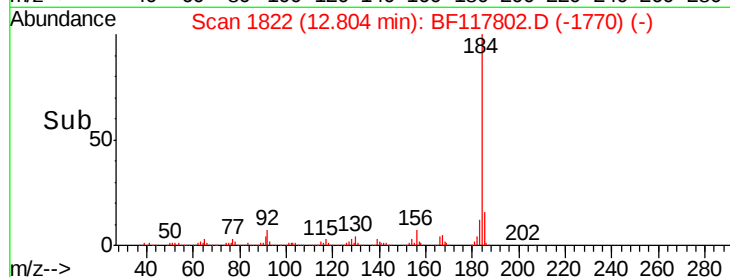
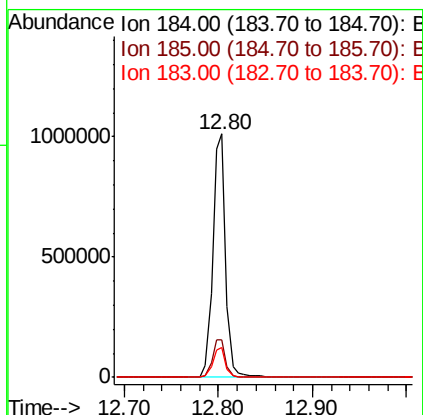
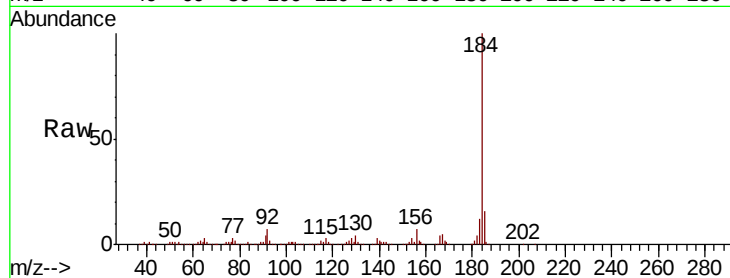




#77
Benzidine
Concen: 40.797 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

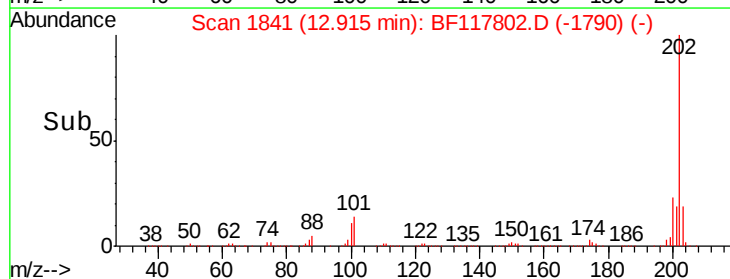
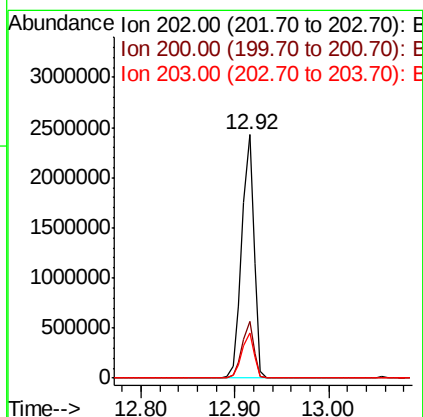
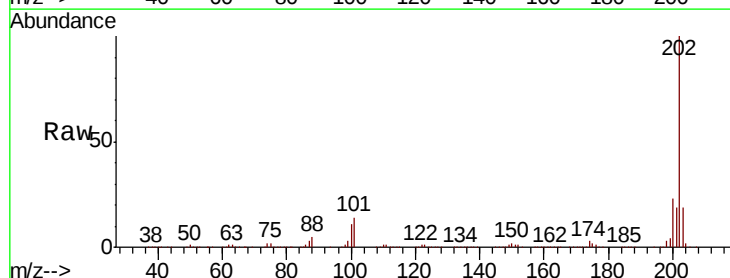
Instrument :
BNA_F
ClientSampleId :

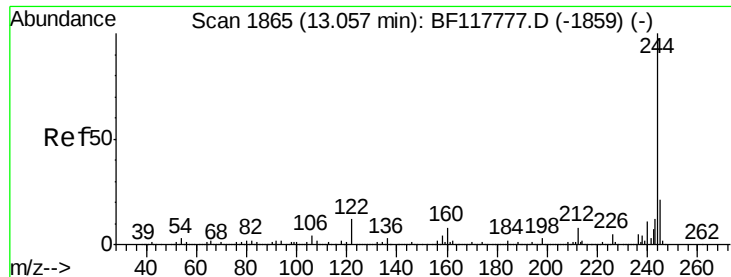
Tot Ion:184 Resp: 980551
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.4
183 12.4 9.5 14.3



#78
Pyrene
Concen: 37.396 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:202 Resp: 2217556
Ion Ratio Lower Upper
202 100
200 23.3 17.8 26.8
203 18.6 14.6 22.0





#79

Terphenyl-d14

Concen: 75.906 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Instrument :

BNA_F

ClientSampleId :

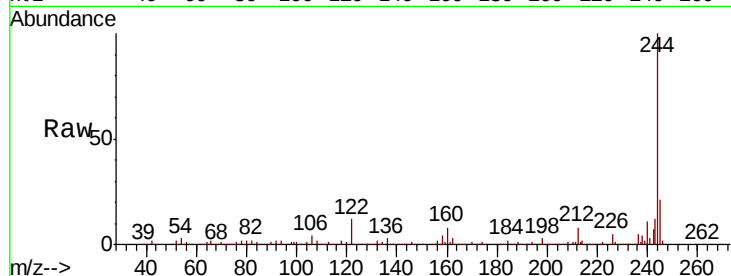
Tot Ion:244 Resp: 3047493

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	12.0	9.4	14.2

244 100

212 7.8 6.3 9.5

122 12.0 9.4 14.2

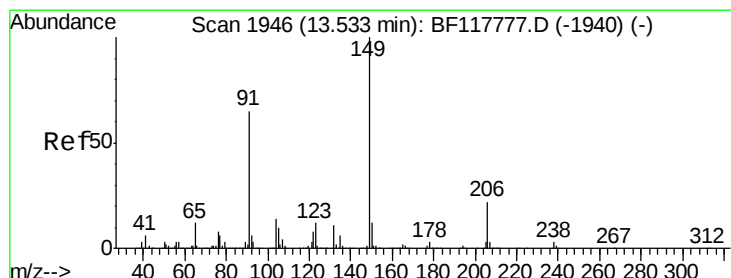
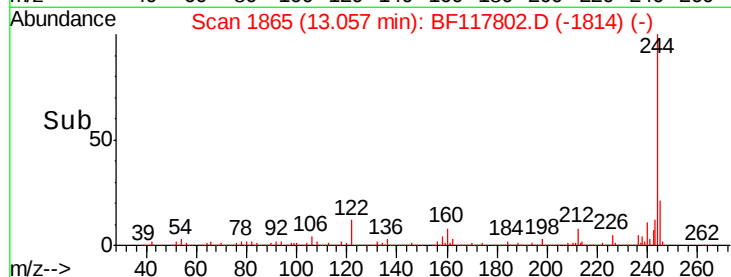
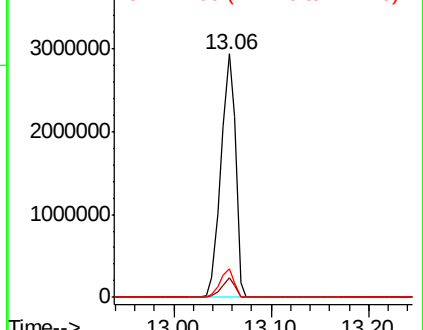


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.670 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

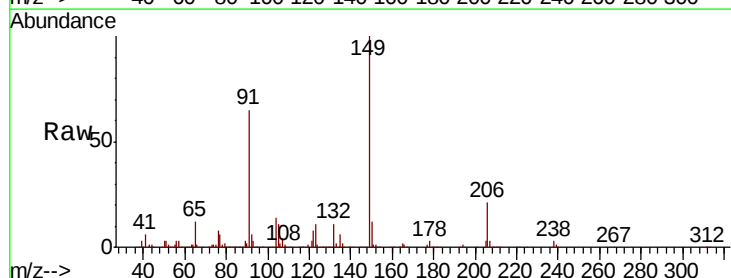
Tgt Ion:149 Resp: 984874

Ion	Ratio	Lower	Upper
149	100		
91	64.9	51.9	77.9
206	21.3	17.2	25.8

149 100

91 64.9 51.9 77.9

206 21.3 17.2 25.8

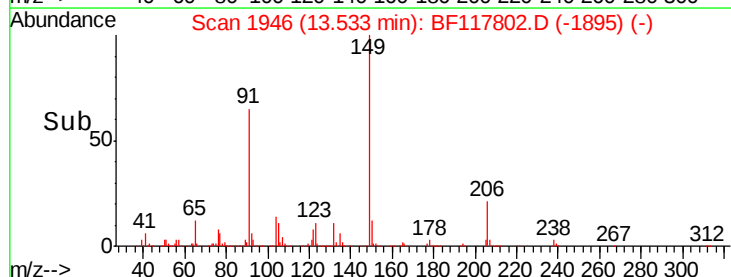
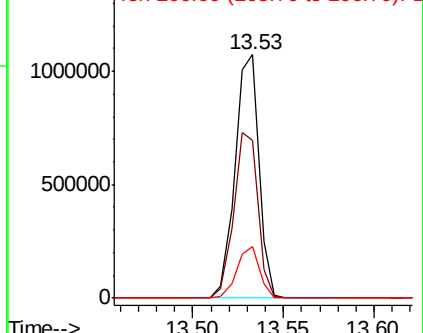


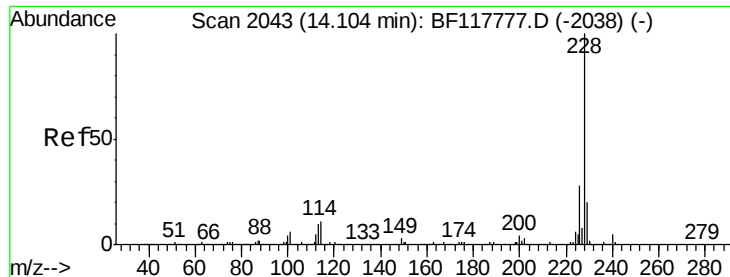
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.437 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

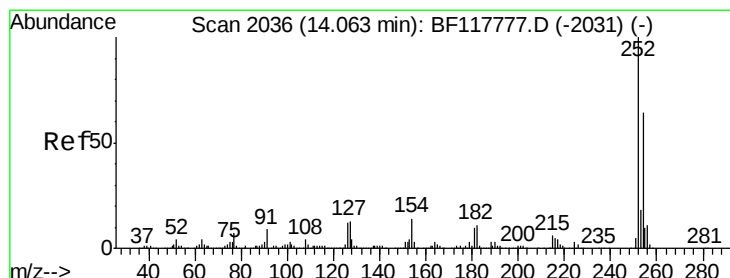
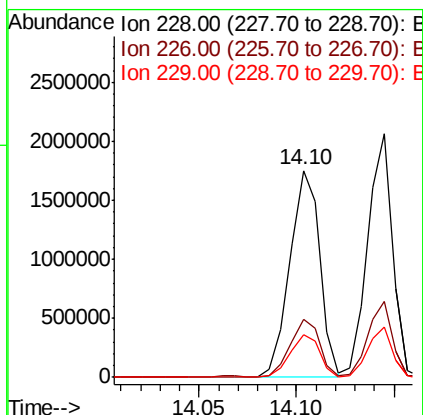
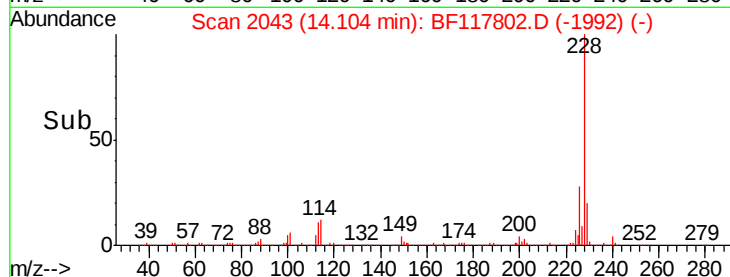
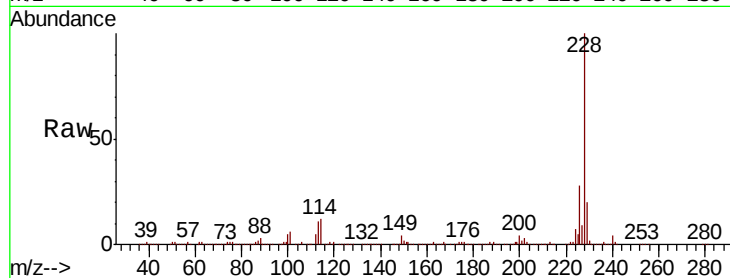
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1863731

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.3	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 40.412 ng

RT: 14.06 min Scan# 2036

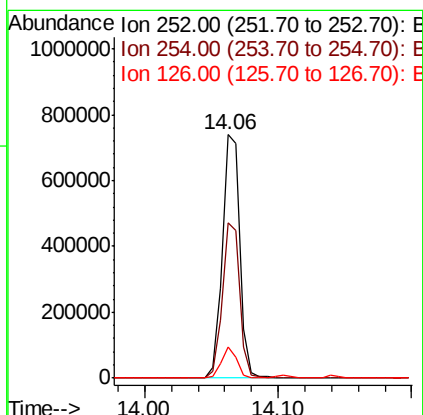
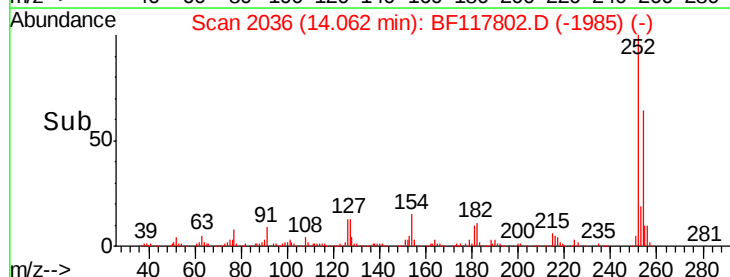
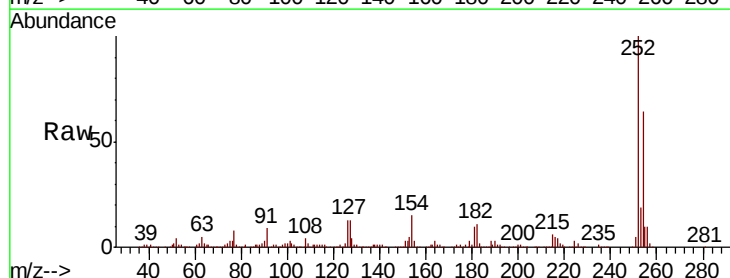
Delta R.T. -0.00 min

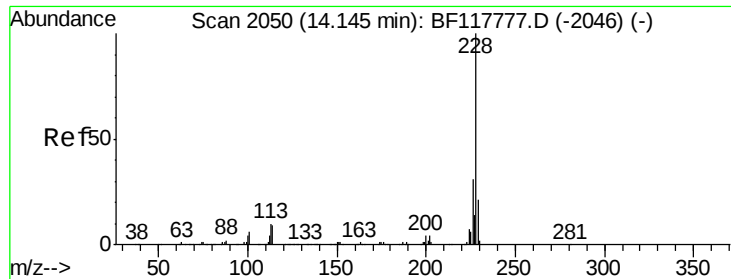
Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Tgt Ion:252 Resp: 685410

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.0	76.6
126	12.9	9.7	14.5



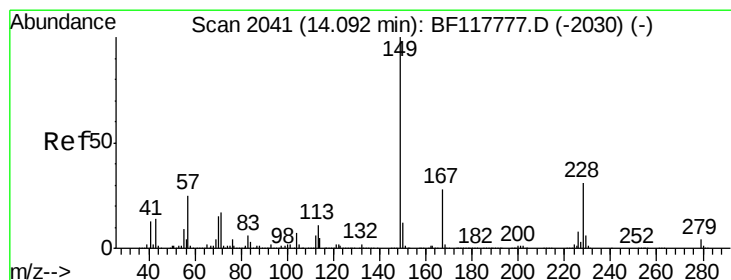
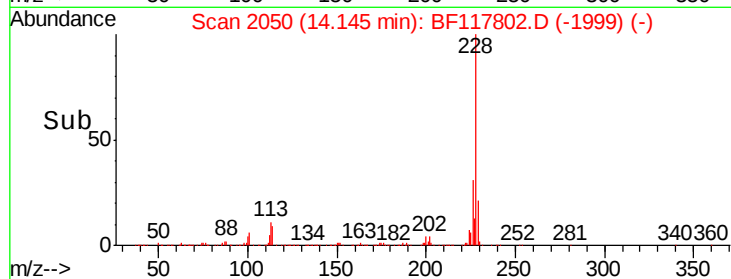
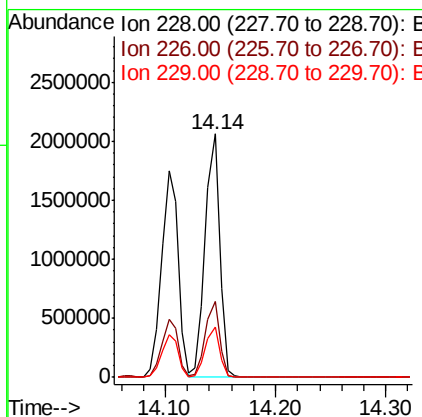
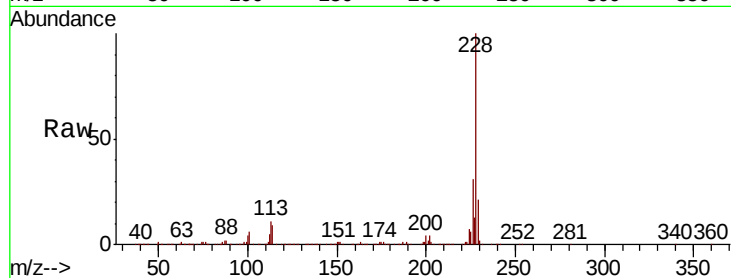


#83
 Chrvsene
 Concen: 39.035 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1834057

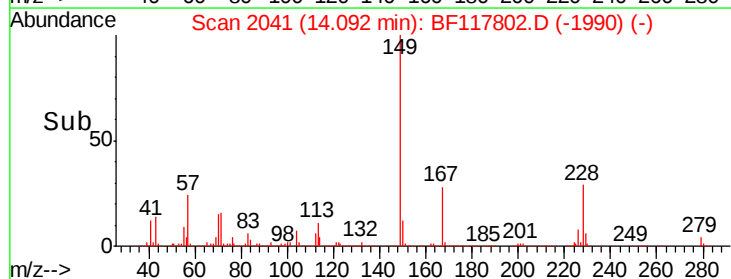
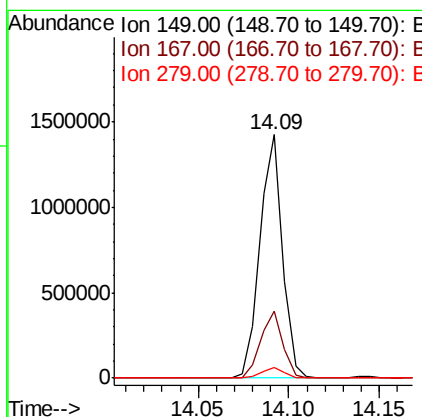
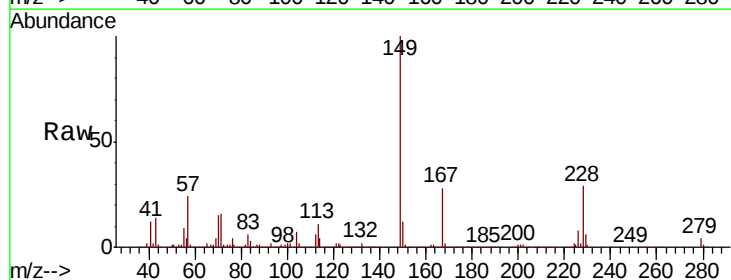
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	20.7	16.6	25.0

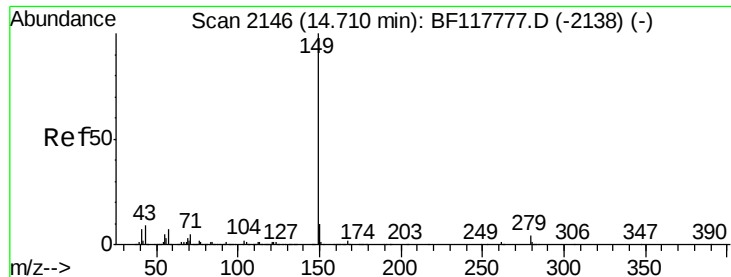


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.885 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF117802.D
 Acq: 15 Nov 2019 14:49

Tgt Ion:149 Resp: 1231538

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	4.4	3.4	5.2

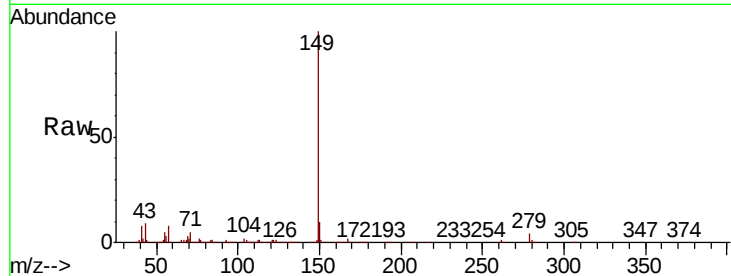




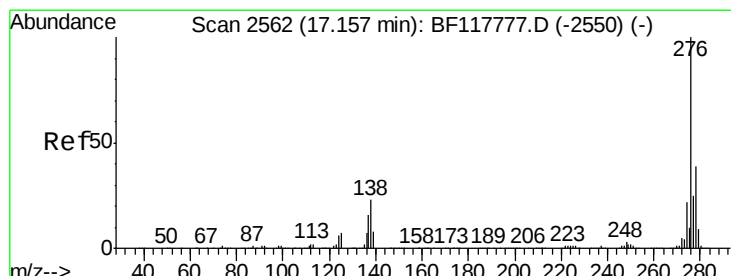
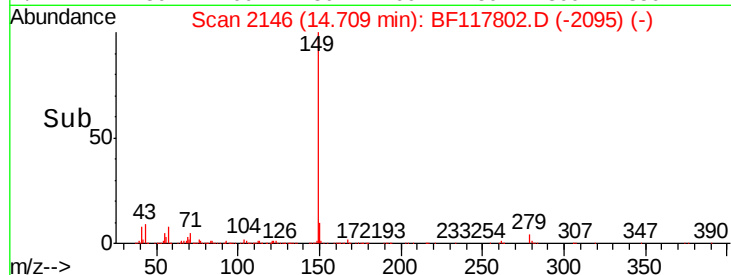
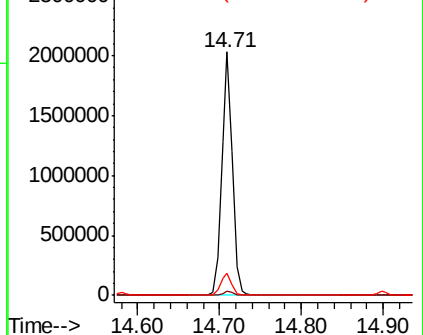
#85
Di-n-octyl phthalate
Concen: 40.413 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1833171
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 7.4 11.2

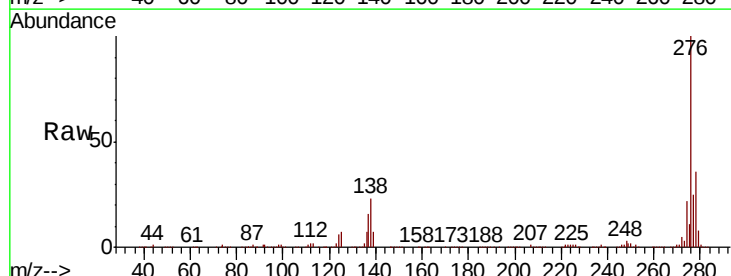


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

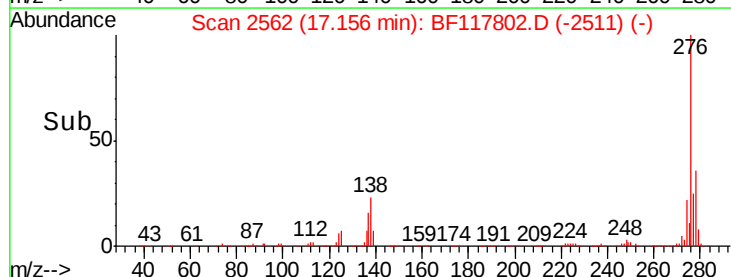
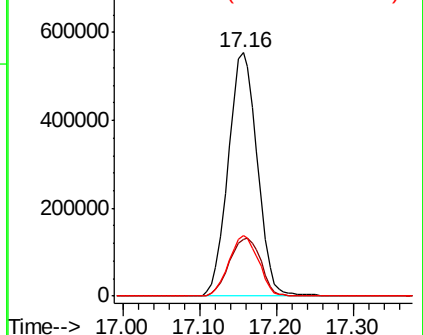


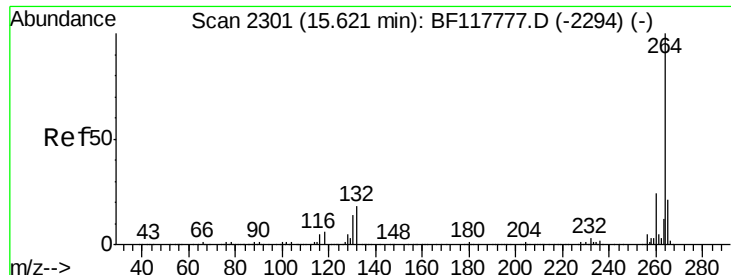
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.640 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:276 Resp: 1465155
Ion Ratio Lower Upper
276 100
138 26.0 20.9 31.3
277 25.6 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



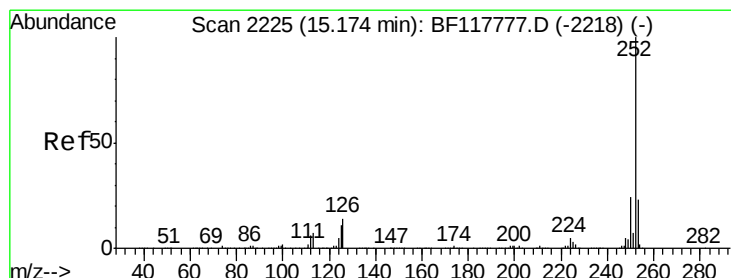
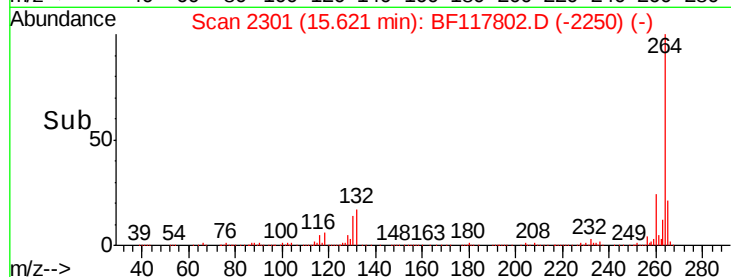
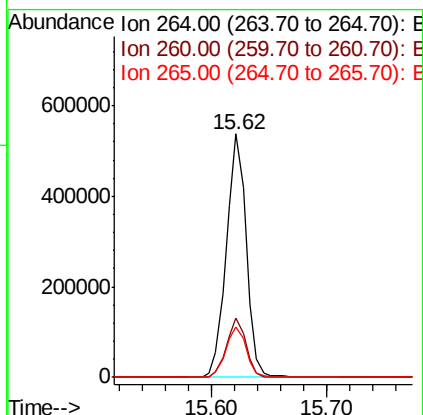
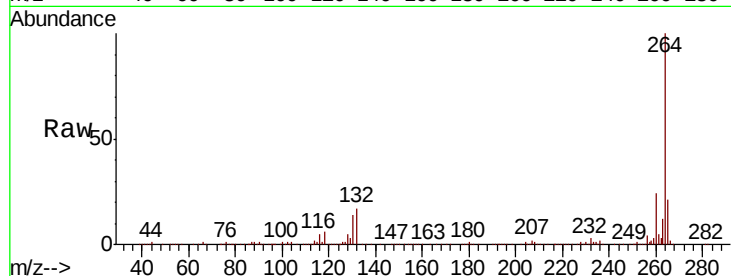


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 642165

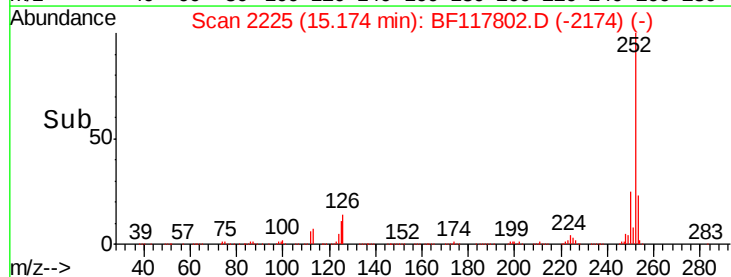
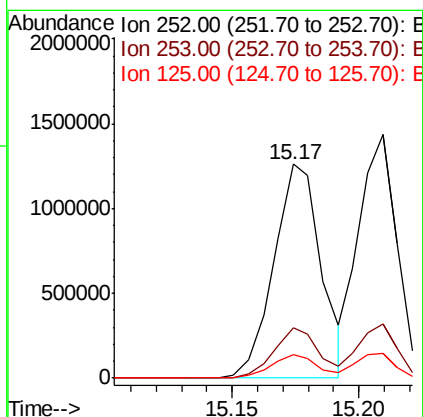
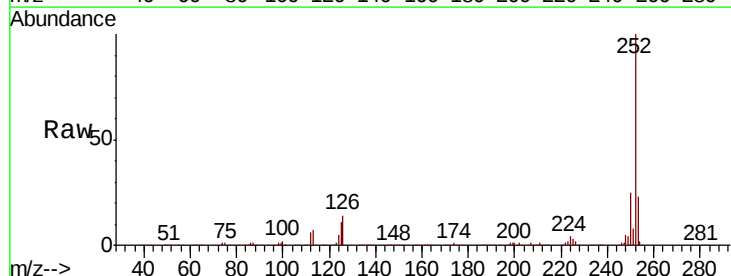
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	20.9	17.1	25.7

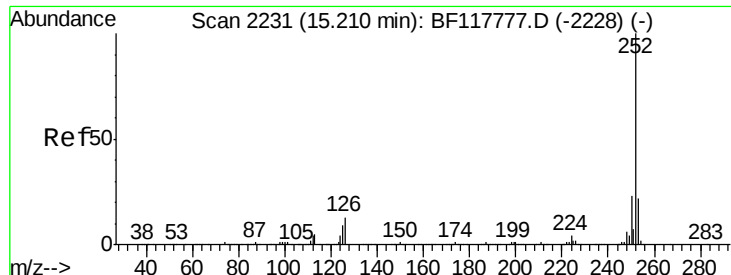


#88
Benzo(b)fluoranthene
Concen: 39.445 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:252 Resp: 1645703

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.1	8.6	13.0

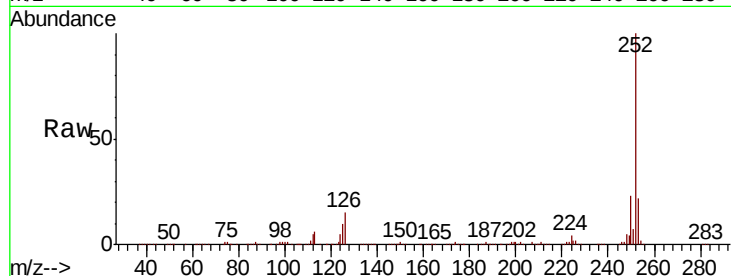




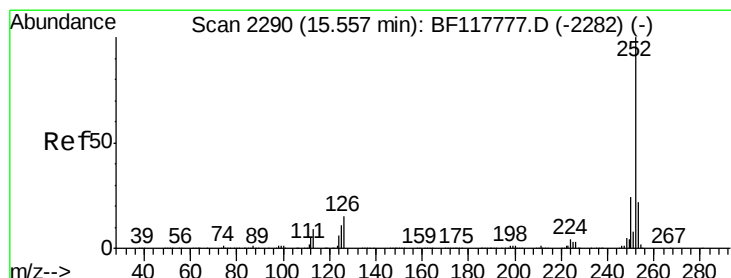
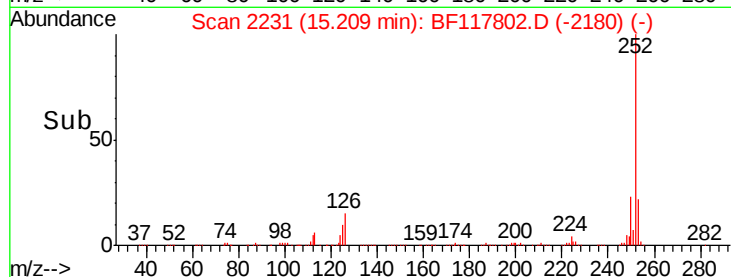
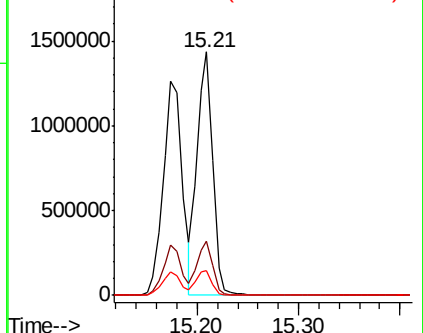
#89
Benzo(k)fluoranthene
Concen: 38.891 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1528847
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.2 7.9 11.9

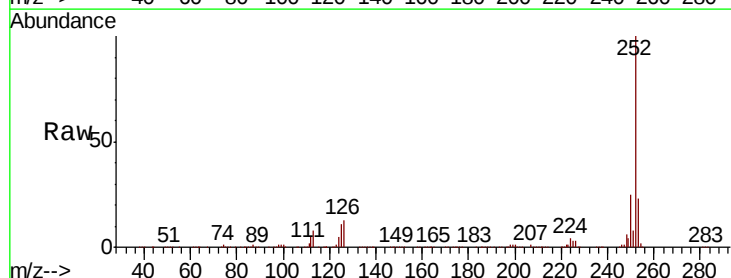


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

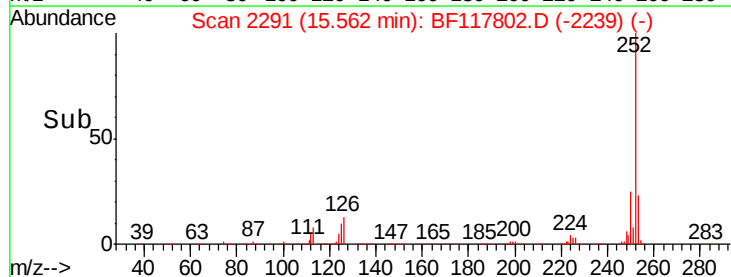
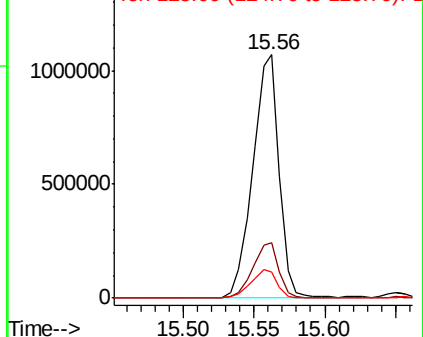


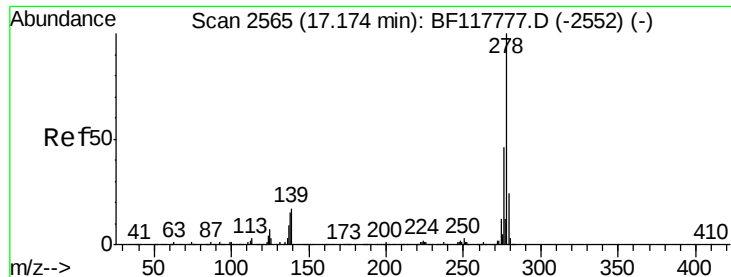
#90
Benzo(a)pyrene
Concen: 38.354 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF117802.D
Acq: 15 Nov 2019 14:49

Tgt Ion:252 Resp: 1407112
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.7 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.785 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

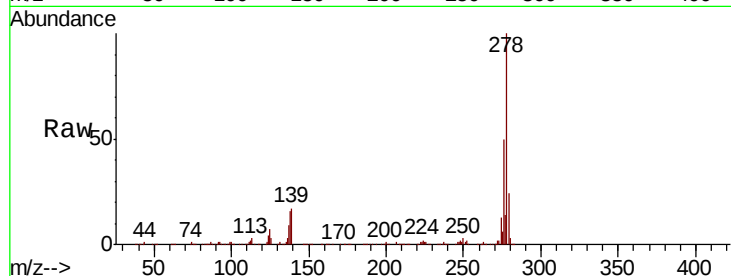
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1193176

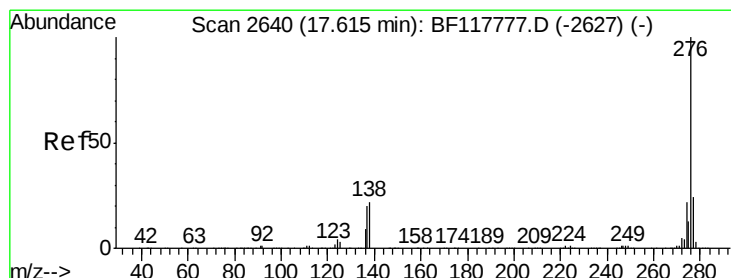
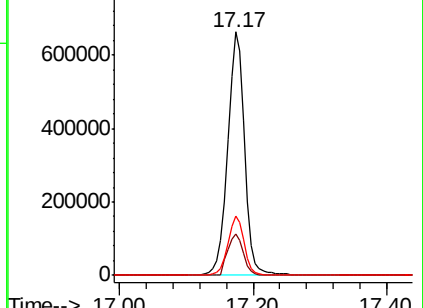
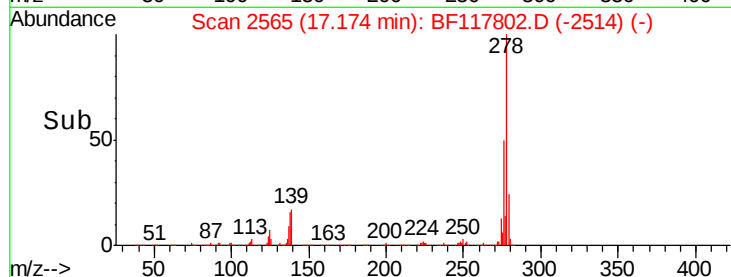
Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.8
279	24.1	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.406 ng

RT: 17.62 min Scan# 2641

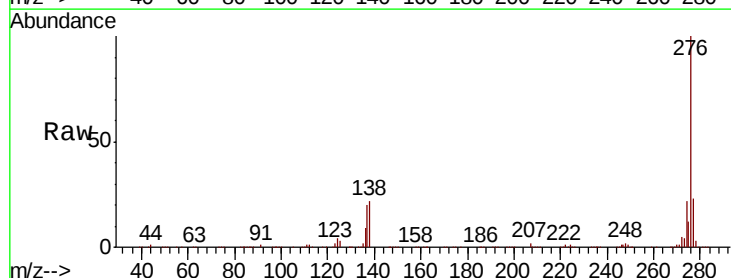
Delta R.T. 0.01 min

Lab File: BF117802.D

Acq: 15 Nov 2019 14:49

Tgt Ion:276 Resp: 1176508

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	22.4	17.4	26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

