

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112477.D
 Acq On : 11 Feb 2019 13:35
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 11 16:50:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	170983	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	658642	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	321181	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	596562	20.00	ng	0.00
76) Chrysene-d12	14.01	240	413721	20.00	ng	0.00
87) Perylene-d12	15.47	264	337327	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	742768	92.27	ng	-0.01
7) Phenol-d6	6.49	99	912458	81.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	898690	78.62	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	295020	78.91	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1776184	78.22	ng	-0.01
79) Terphenyl-d14	12.94	244	1827398	83.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	151123	47.127	ng	95
3) Pyridine	3.35	79	365889	44.855	ng	97
4) n-Nitrosodimethylamine	3.32	42	162291	47.356	ng	# 89
6) Aniline	6.50	93	549942	41.330	ng	# 65
8) 2-Chlorophenol	6.63	128	441207	40.743	ng	98
9) Benzaldehyde	6.39	77	236299	40.417	ng	99
10) Phenol	6.50	94	503676	41.043	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	393641	40.743	ng	99
12) 1,3-Dichlorobenzene	6.77	146	501387	39.756	ng	97
13) 1,4-Dichlorobenzene	6.85	146	510549	39.335	ng	98
14) 1,2-Dichlorobenzene	7.01	146	471827	38.827	ng	97
15) Benzyl Alcohol	6.99	79	365382	38.750	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	484951	39.093	ng	# 40
17) 2-Methylphenol	7.10	107	330116	38.455	ng	# 88
18) Hexachloroethane	7.35	117	182780	40.103	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	300376	38.944	ng	97
20) 3+4-Methylphenols	7.26	107	436492	39.763	ng	# 78
22) Acetophenone	7.25	105	624798	38.957	ng	# 96
24) Nitrobenzene	7.42	77	449176	39.346	ng	99
25) Isophorone	7.66	82	706103	39.376	ng	97
26) 2-Nitrophenol	7.74	139	254054	41.642	ng	97
27) 2,4-Dimethylphenol	7.78	122	331013	39.380	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	482825	39.542	ng	98
29) 2,4-Dichlorophenol	7.99	162	386003	41.036	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	430528	39.818	ng	99
31) Naphthalene	8.14	128	1207914	39.217	ng	99
32) Benzoic acid	7.94	122	189936	39.613	ng	97
33) 4-Chloroaniline	8.19	127	526348	39.246	ng	99
34) Hexachlorobutadiene	8.26	225	254765	40.152	ng	97
35) Caprolactam	8.58	113	123194	37.125	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	379881	38.149	ng	96
37) 2-Methylnaphthalene	8.83	142	813515	38.581	ng	98
38) 1-Methylnaphthalene	8.93	142	777432	38.467	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	415646	39.415	ng	99

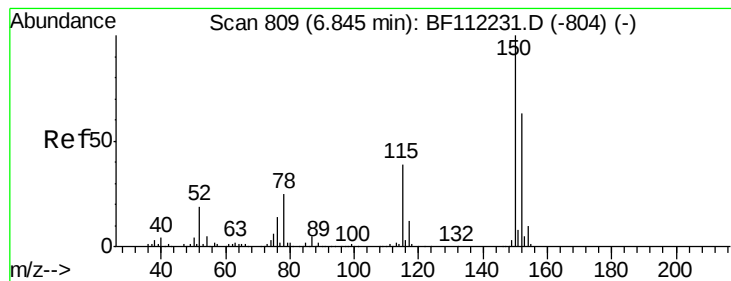
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112477.D
 Acq On : 11 Feb 2019 13:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 11 16:50:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	149375	42.439	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	255240	39.265	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	262437	38.629	ng	95
46) 1,1'-Biphenyl	9.30	154	1105196	39.360	ng	98
47) 2-Chloronaphthalene	9.32	162	851565	39.109	ng	95
48) 2-Nitroaniline	9.42	65	233931	39.417	ng	87
49) Acenaphthylene	9.74	152	1225840	38.410	ng	98
50) Dimethylphthalate	9.59	163	957044	38.352	ng	100
51) 2,6-Dinitrotoluene	9.66	165	217622	38.939	ng	# 77
52) Acenaphthene	9.91	154	740214	38.826	ng	98
53) 3-Nitroaniline	9.84	138	228089	37.671	ng	90
54) 2,4-Dinitrophenol	9.96	184	62774	34.999	ng	95
55) Dibenzofuran	10.08	168	1099753	37.748	ng	94
56) 4-Nitrophenol	10.02	139	123698	38.643	ng	91
57) 2,4-Dinitrotoluene	10.07	165	268902	37.794	ng	# 72
58) Fluorene	10.42	166	851084	39.037	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	198822	38.726	ng	92
60) Diethylphthalate	10.29	149	959876	38.761	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	459804	38.771	ng	91
62) 4-Nitroaniline	10.46	138	204408	34.419	ng	94
63) Azobenzene	10.57	77	861153	39.539	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	127806	38.211	ng	92
66) n-Nitrosodiphenylamine	10.53	169	811616	40.367	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	281296	40.091	ng	93
68) Hexachlorobenzene	10.98	284	301962	40.113	ng	99
69) Atrazine	11.06	200	223841	34.503	ng	95
70) Pentachlorophenol	11.18	266	100016	34.146	ng	98
71) Phenanthrene	11.39	178	1196544	38.580	ng	99
72) Anthracene	11.44	178	1212158	39.236	ng	99
73) Carbazole	11.60	167	1175715	38.580	ng	99
74) Di-n-butylphthalate	11.92	149	1470008	38.862	ng	98
75) Fluoranthene	12.58	202	1203406	36.177	ng	96
77) Benzdine	12.69	184	375226	32.952	ng	97
78) Pyrene	12.81	202	1219946	42.590	ng	99
80) Butylbenzylphthalate	13.41	149	580384	41.880	ng	95
81) Benzo(a)anthracene	14.00	228	966211	39.728	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	354348	38.931	ng	99
83) Chrysene	14.03	228	927226	39.940	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	801010	40.719	ng	99
85) Di-n-octyl phthalate	14.57	149	1182501	39.071	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	744546	40.475	ng	97
88) Benzo(b)fluoranthene	15.05	252	791730	39.246	ng	97
89) Benzo(k)fluoranthene	15.08	252	759297	39.294	ng	97
90) Benzo(a)pyrene	15.42	252	712743	39.265	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	630279	43.082	ng	98
92) Benzo(g,h,i)perylene	17.42	276	620219	44.936	ng	96

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

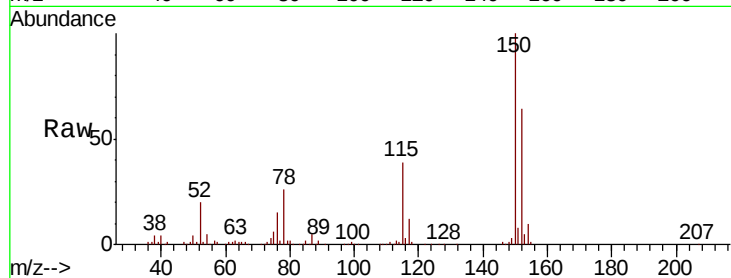


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.0
115	60.5	45.5	68.3

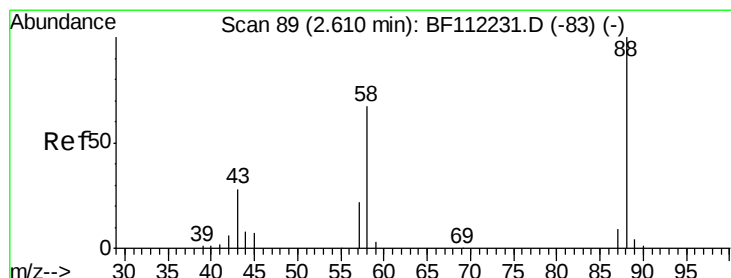
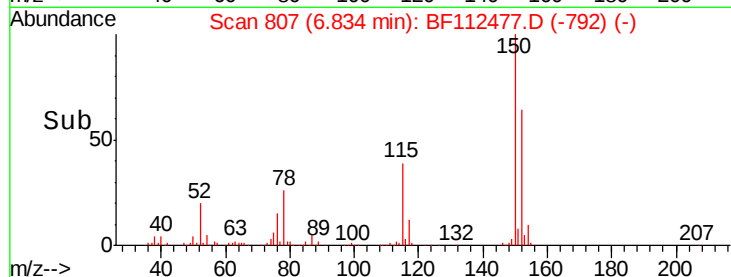
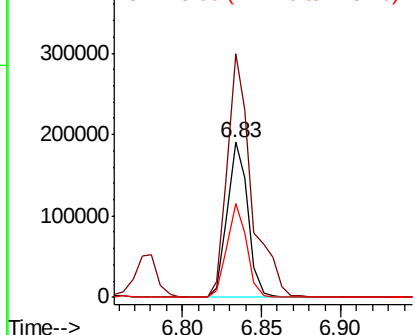


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

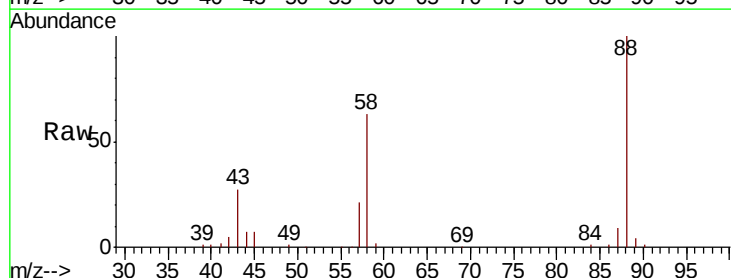
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.127 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	57.4	86.2
43	28.2	22.2	33.4

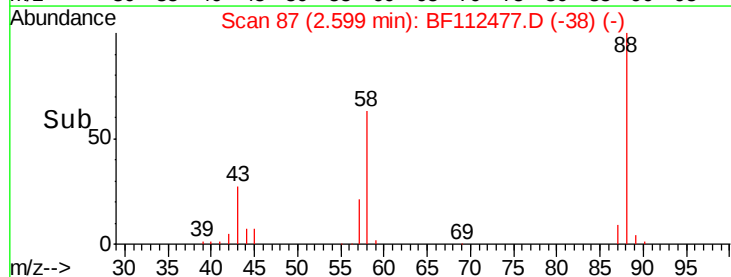
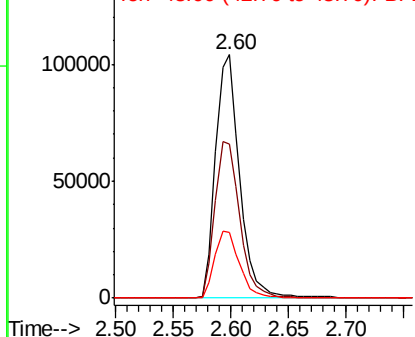


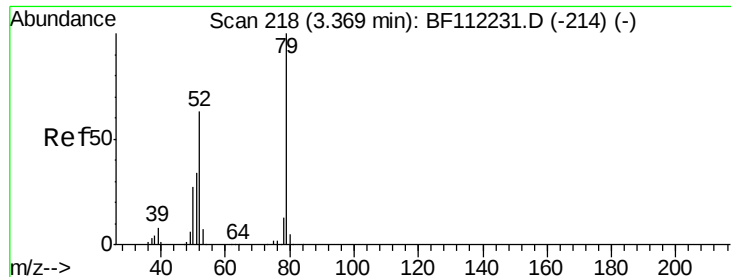
Abundance

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: 44.855 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

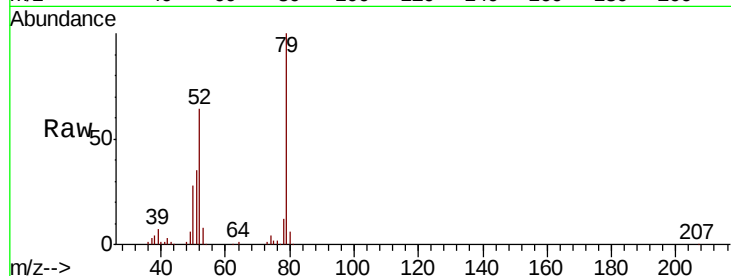
Tot Ion: 79 Resp: 365889

Ion Ratio Lower Upper

79 100

52 64.0 52.4 78.6

51 34.8 26.1 39.1



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

150000

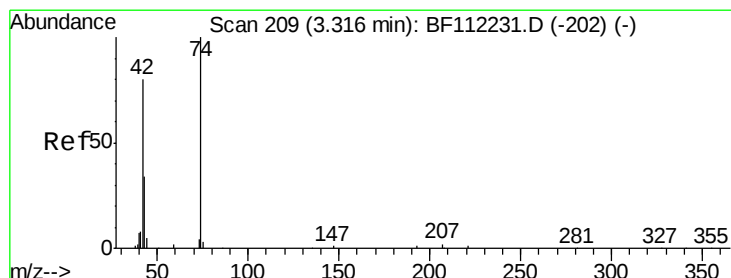
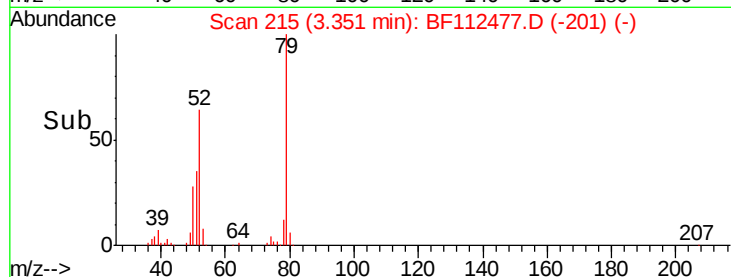
3.35

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 47.356 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.00 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

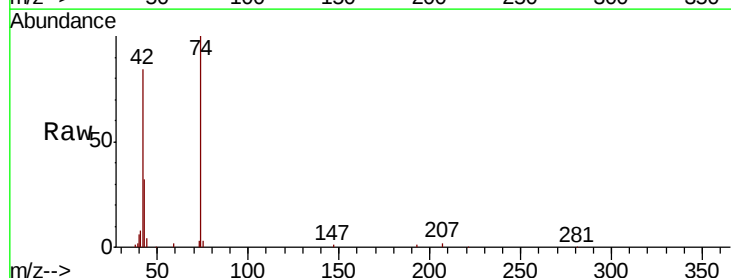
Tgt Ion: 42 Resp: 162291

Ion Ratio Lower Upper

42 100

74 118.6 105.6 158.4

44 5.3 5.4 8.2#



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

120000

3.32

100000

80000

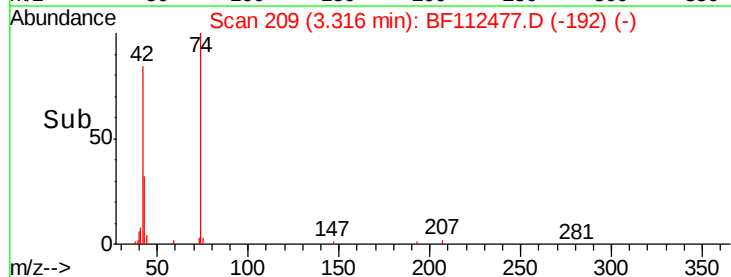
60000

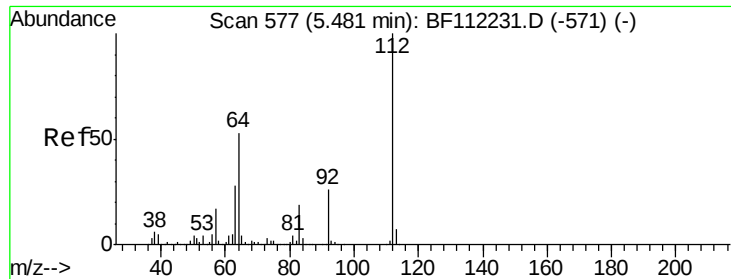
40000

20000

0

Time-->





#5

2-Fluorophenol

Concen: 92.272 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampled :

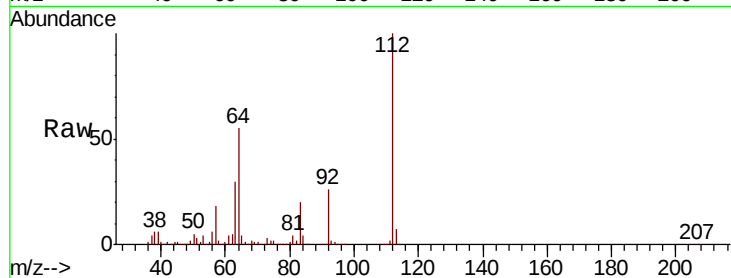
Tot Ion:112 Resp: 742768

Ion Ratio Lower Upper

112 100

64 55.3 45.7 68.5

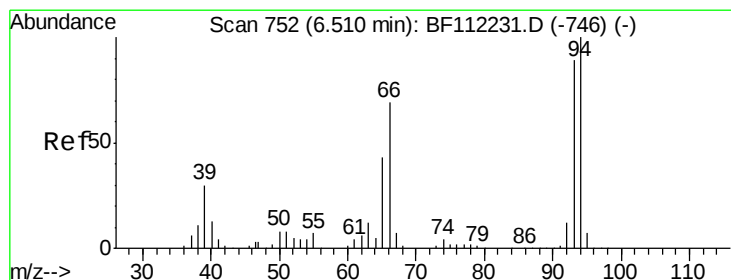
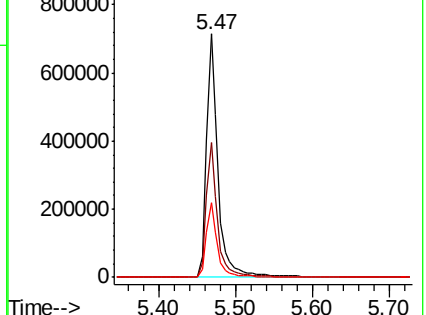
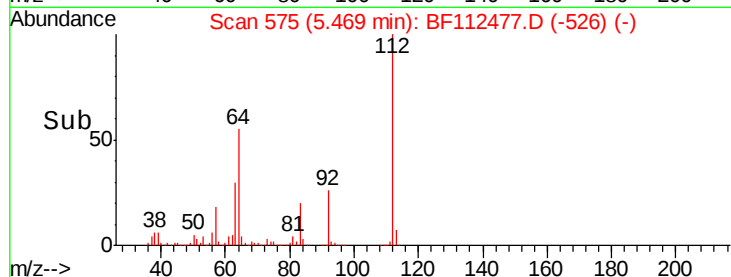
63 30.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.330 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

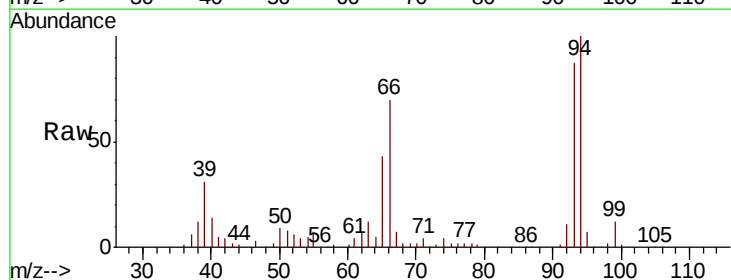
Tgt Ion: 93 Resp: 549942

Ion Ratio Lower Upper

93 100

66 80.5 43.4 65.2#

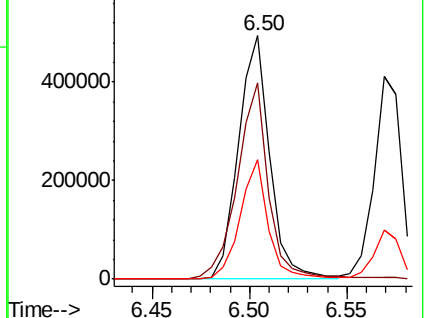
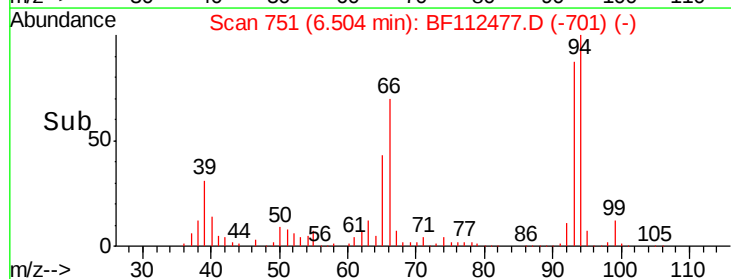
65 49.0 25.3 37.9#

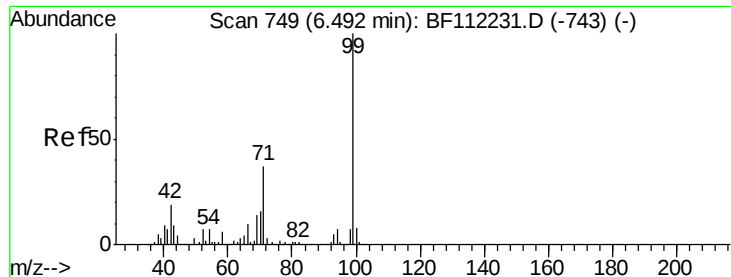


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.574 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

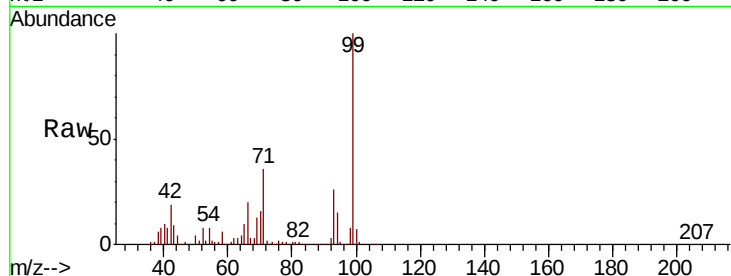
Tot Ion: 99 Resp: 912458

Ion Ratio Lower Upper

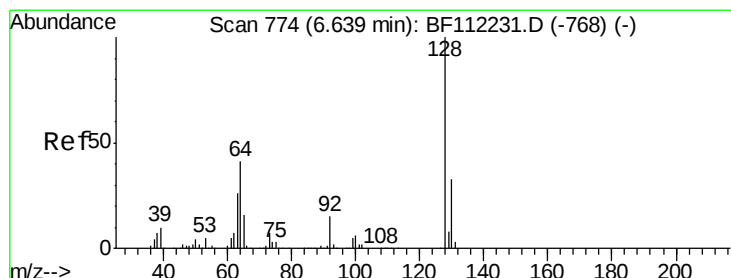
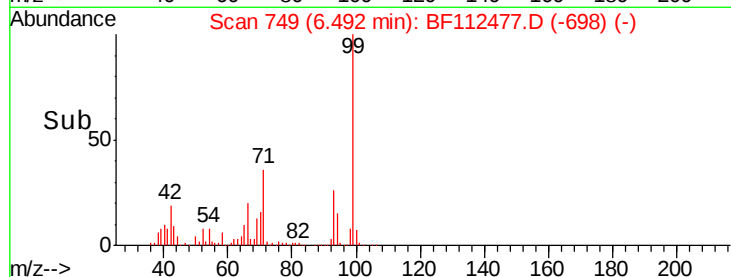
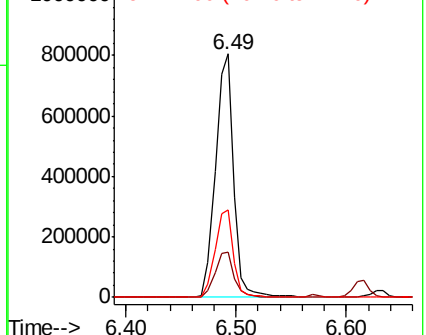
99 100

42 18.8 15.1 22.7

71 35.7 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.743 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

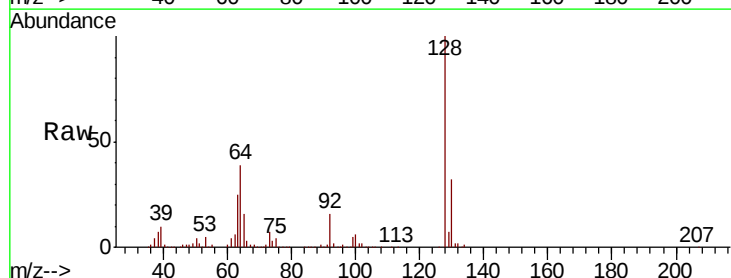
Tgt Ion: 128 Resp: 441207

Ion Ratio Lower Upper

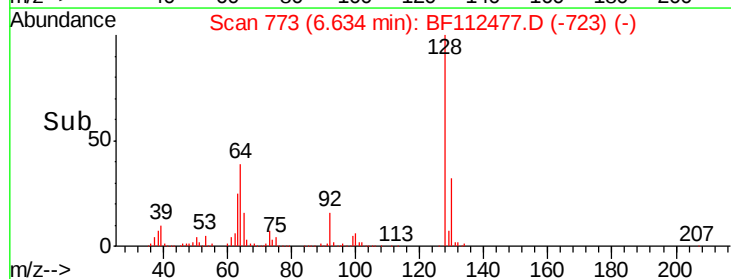
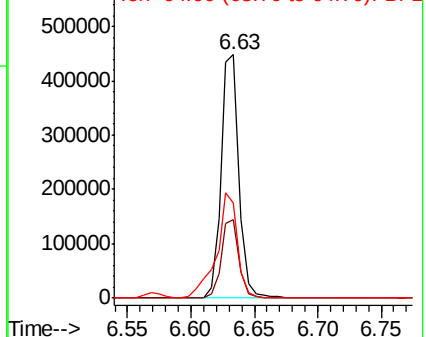
128 100

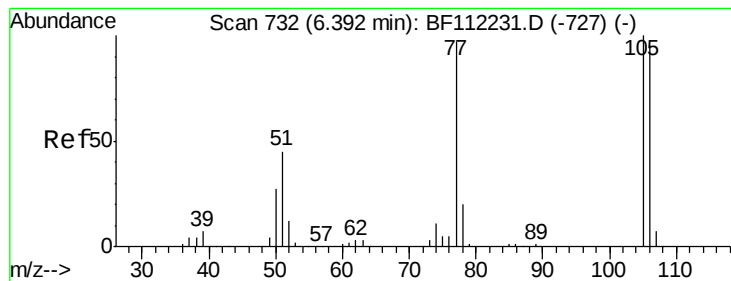
130 32.3 13.4 53.4

64 38.9 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.417 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampled :

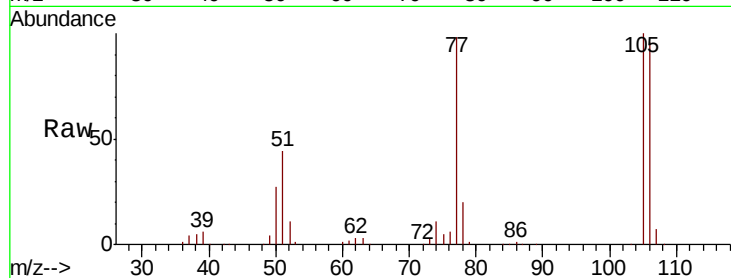
Tot Ion: 77 Resp: 236299

Ion Ratio Lower Upper

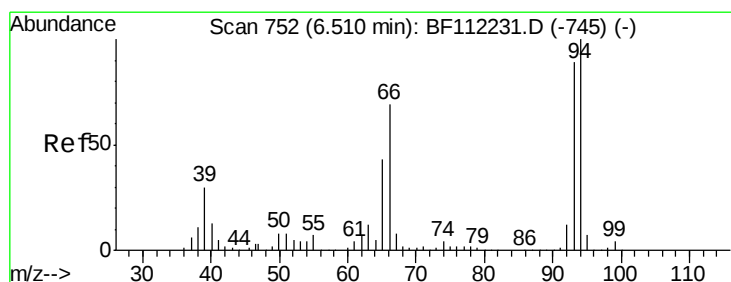
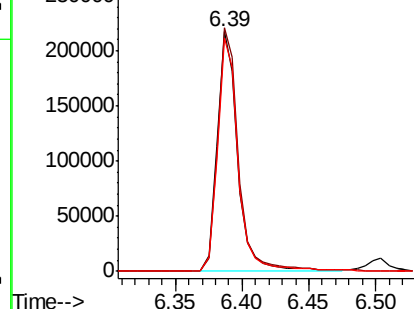
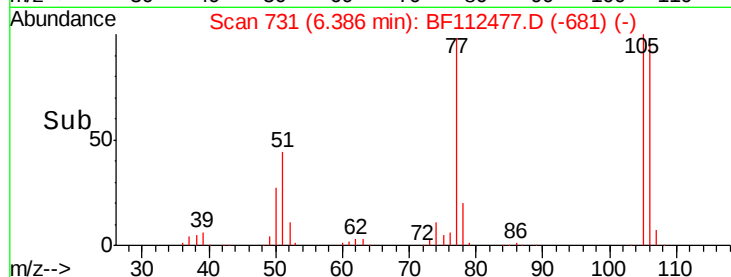
77 100

105 101.7 80.8 120.8

106 97.3 75.7 115.7



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: 41.043 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

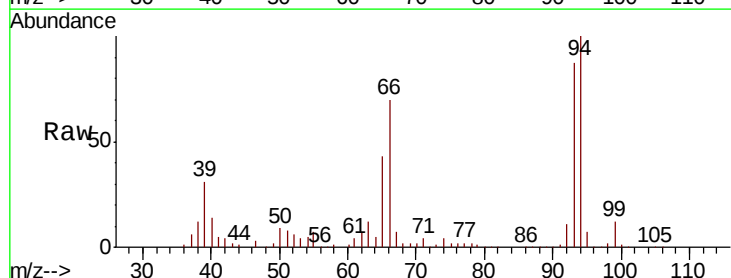
Tgt Ion: 94 Resp: 503676

Ion Ratio Lower Upper

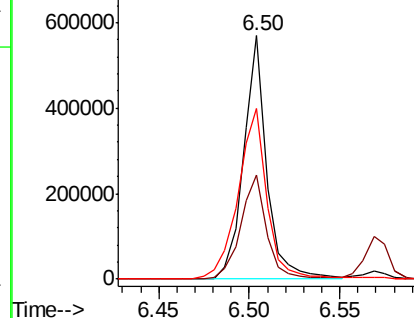
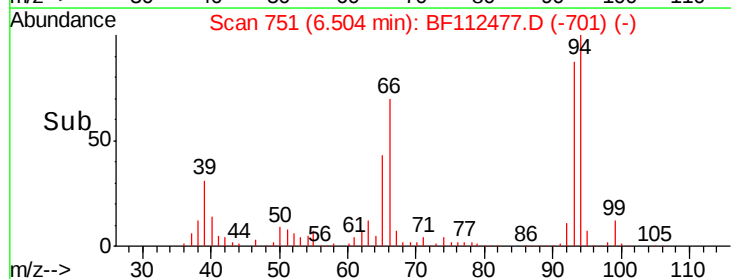
94 100

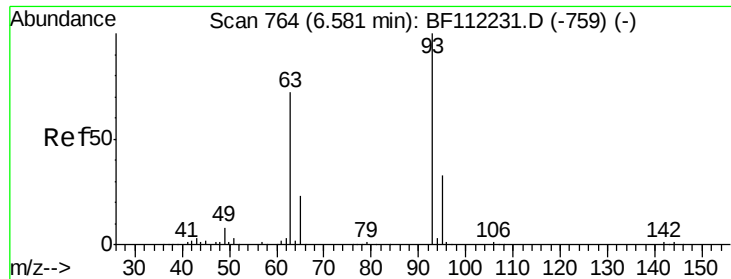
65 42.5 20.3 60.3

66 69.8 42.4 82.4



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

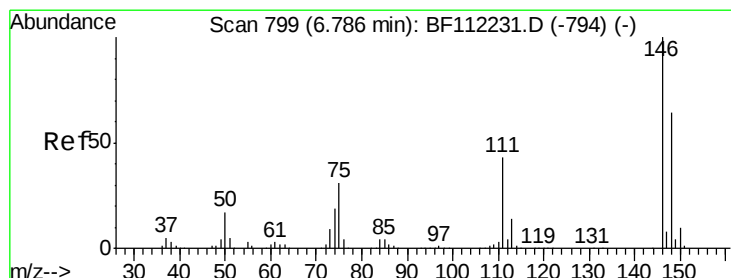
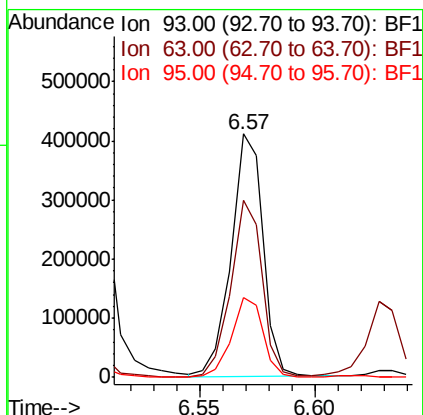
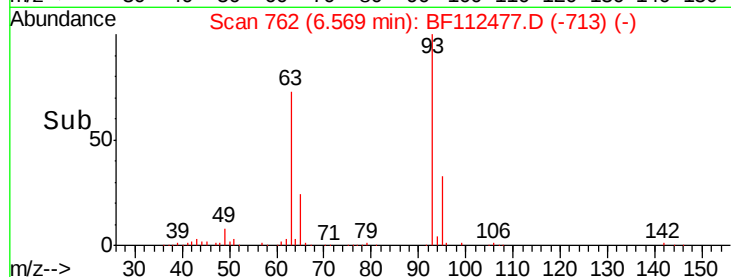
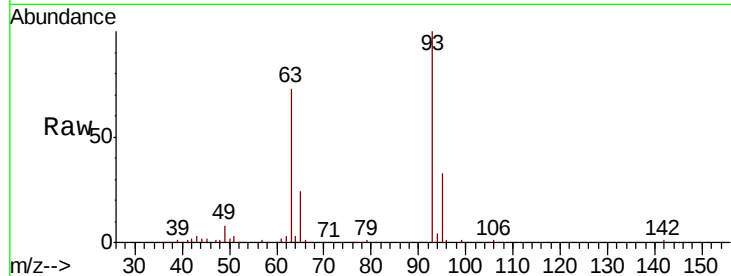




#11
bis(2-Chloroethyl)ether
Concen: 40.743 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

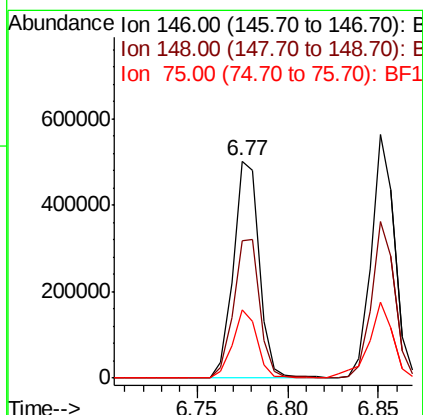
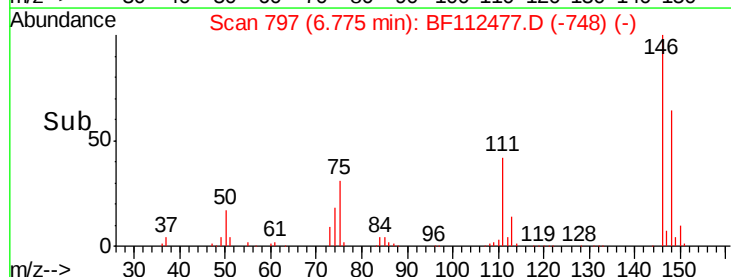
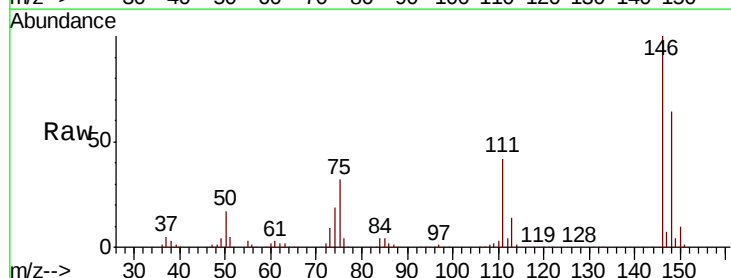
Instrument :
BNA_F
ClientSampleId :

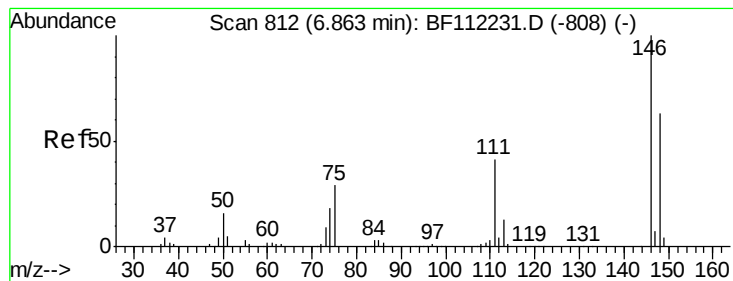
Tot Ion: 93 Resp: 393641
Ion Ratio Lower Upper
93 100
63 73.0 53.3 93.3
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.756 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion: 146 Resp: 501387
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 31.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.335 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

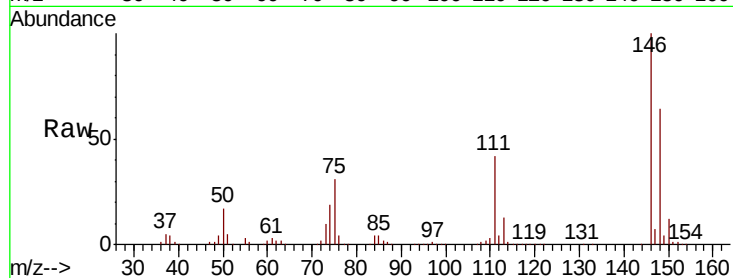
Tot Ion:146 Resp: 510549

Ion Ratio Lower Upper

146 100

148 64.2 52.0 78.0

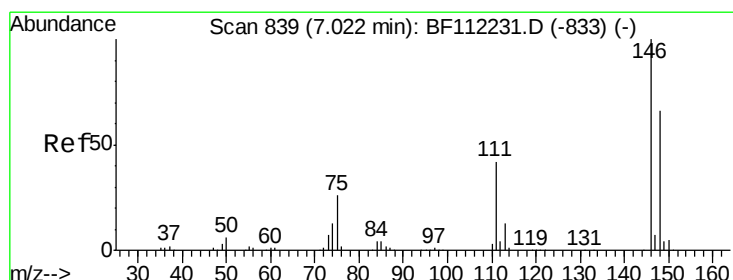
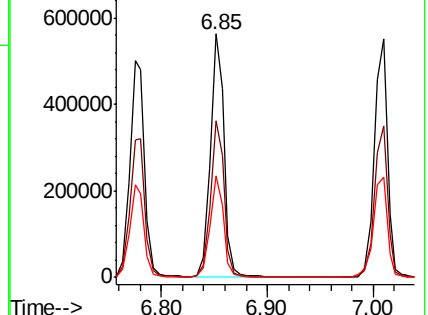
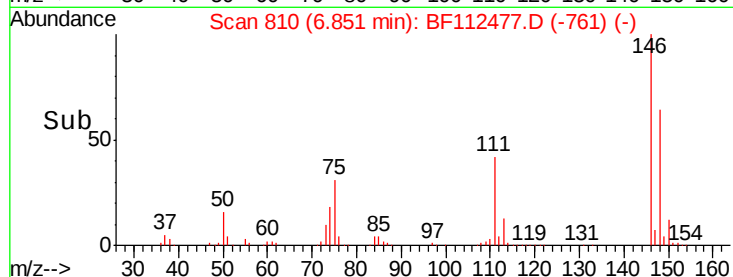
111 41.6 31.2 46.8



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: 38.827 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

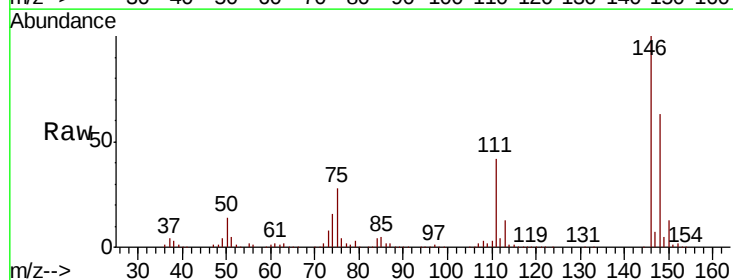
Tgt Ion:146 Resp: 471827

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.4

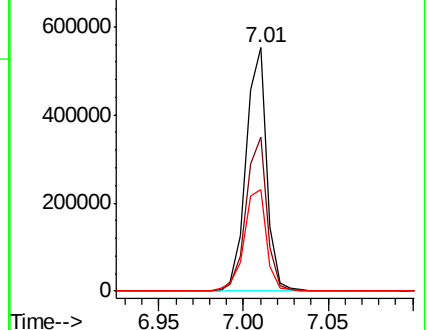
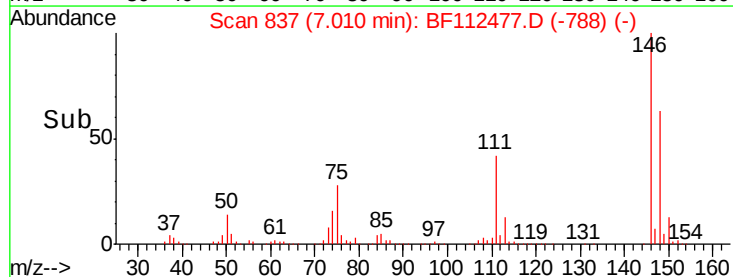
111 41.9 31.2 46.8

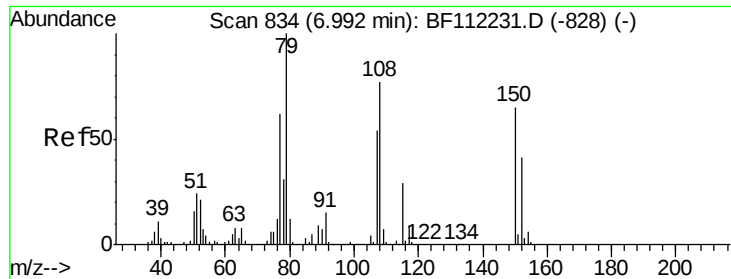


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.750 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampled :

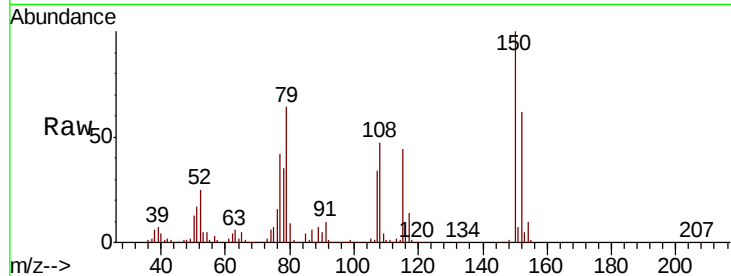
Tot Ion: 79 Resp: 365382

Ion Ratio Lower Upper

79 100

108 74.1 64.2 96.2

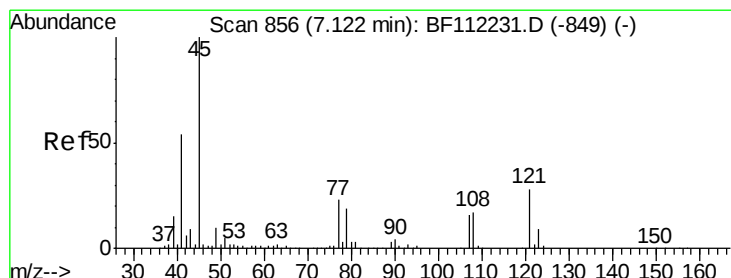
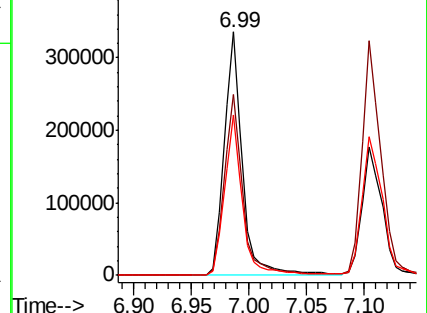
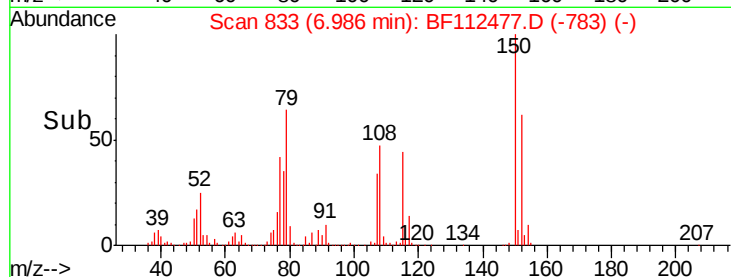
77 65.8 50.3 75.5



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: 39.093 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

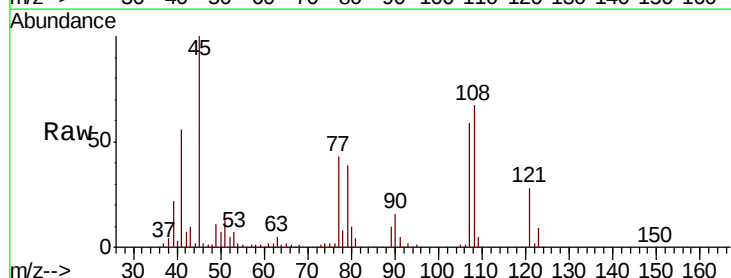
Tgt Ion: 45 Resp: 484951

Ion Ratio Lower Upper

45 100

77 42.8 0.0 36.9#

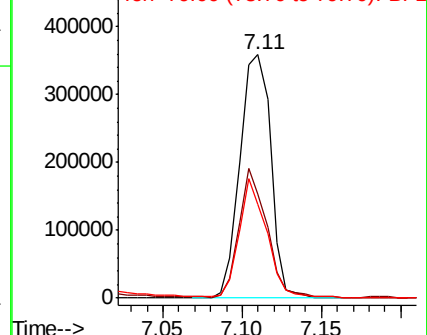
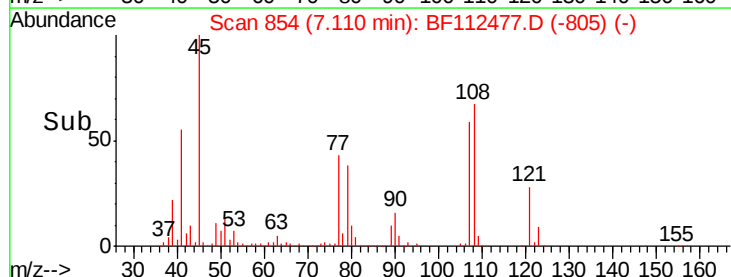
79 38.5 0.0 34.0#

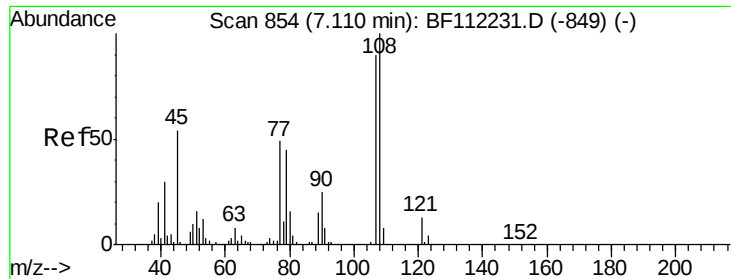


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.455 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112477.D

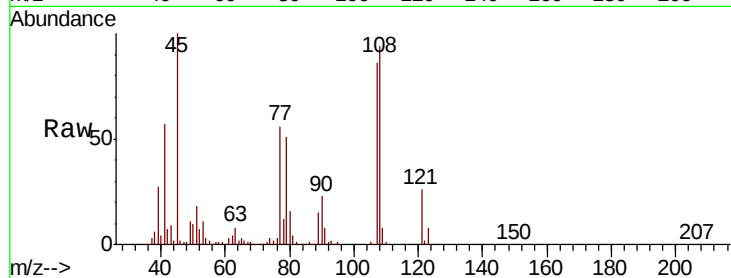
Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	330116
Ion	Ratio	Lower	Upper
107	100		
108	109.2	91.3	136.9
77	64.5	39.0	58.6#
79	59.6	37.0	55.4#

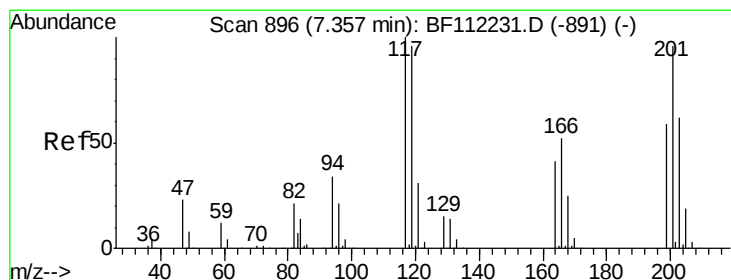
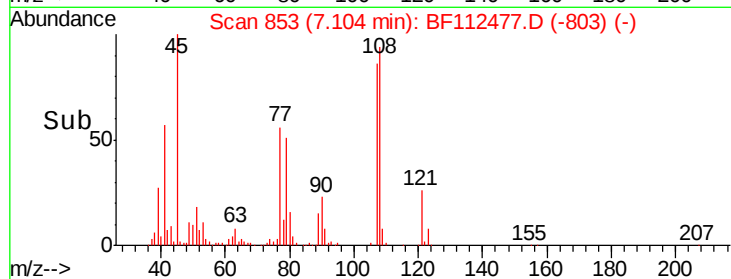
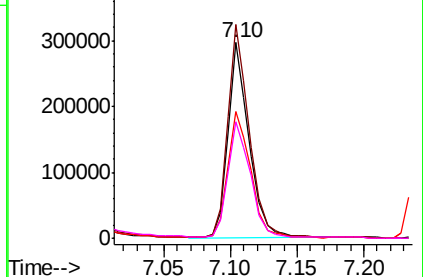


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.103 ng

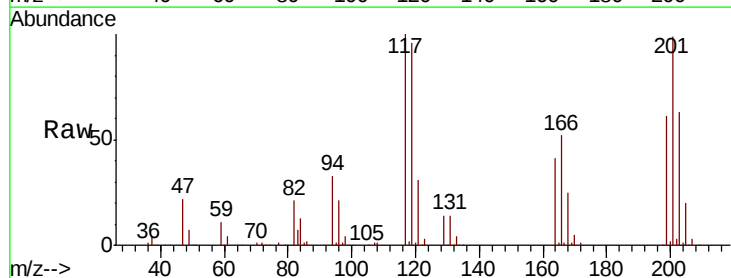
RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

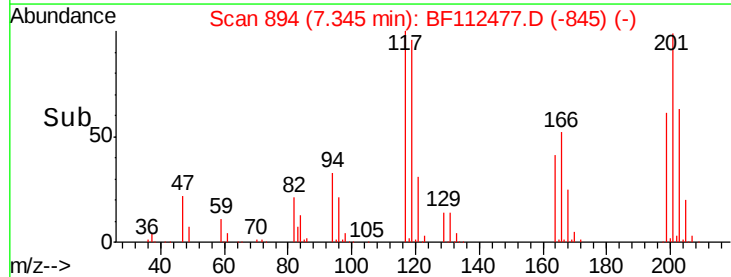
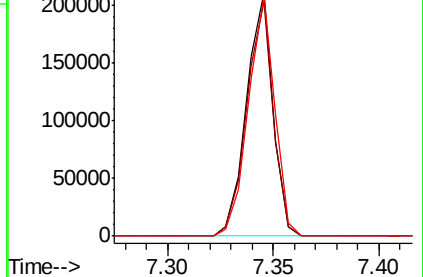
Tgt Ion:	117	Resp:	182780
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	99.0	74.1	111.1



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

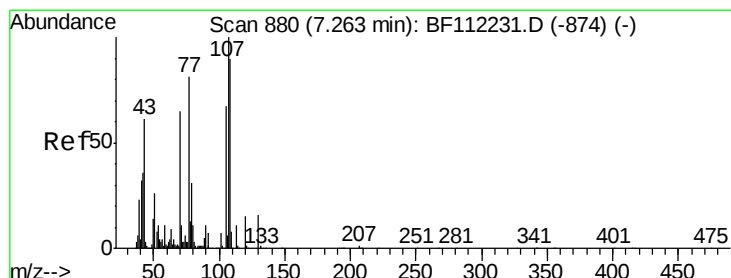
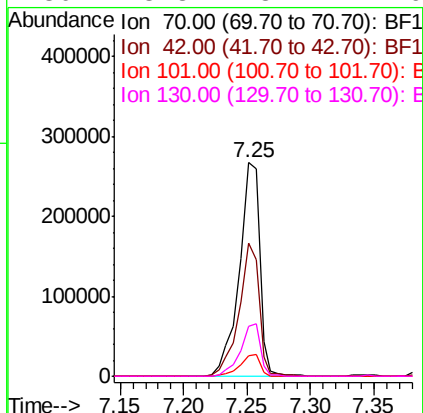
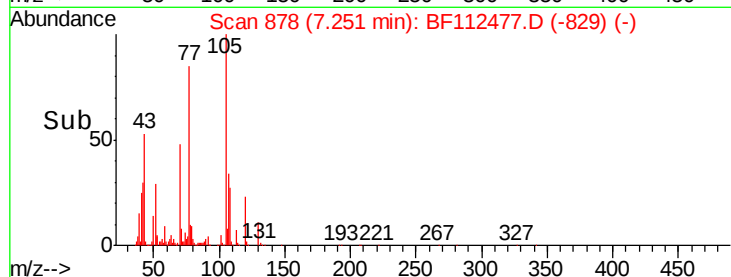
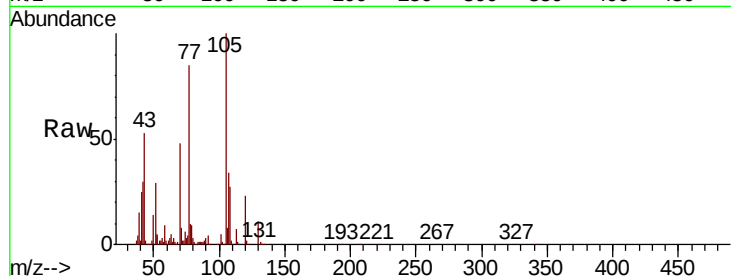




#19
n-Nitroso-di-n-propylamine
Concen: 38.944 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

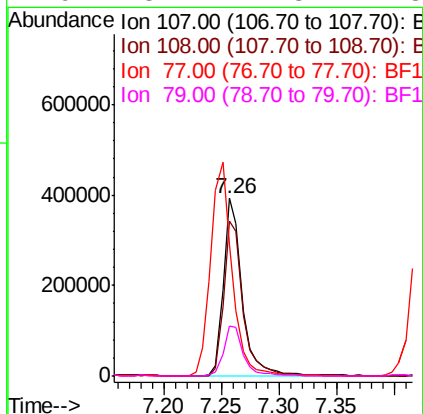
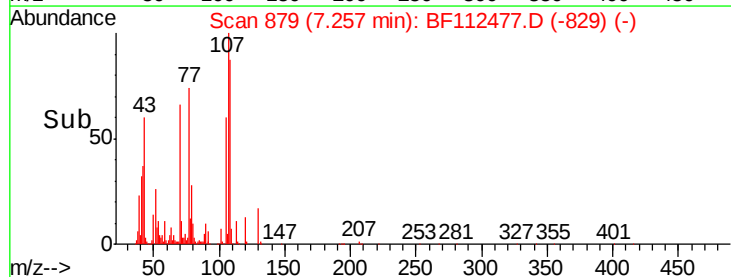
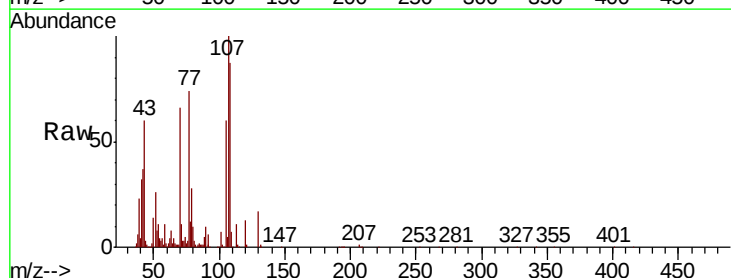
Instrument :
BNA_F
ClientSampleId :

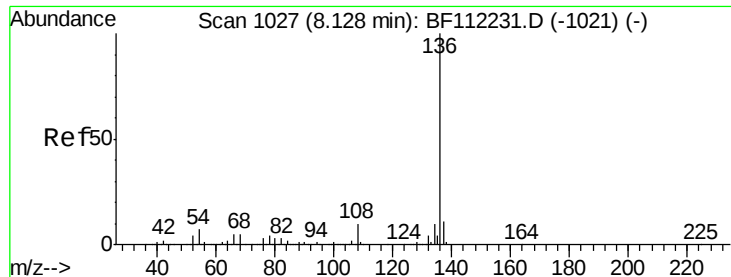
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.6	71.4
101	9.8	7.9	11.9
130	23.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 39.763 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	74.4	100.7	140.7#
79	28.4	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 658642

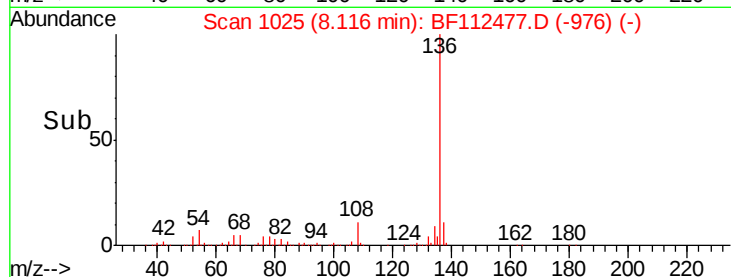
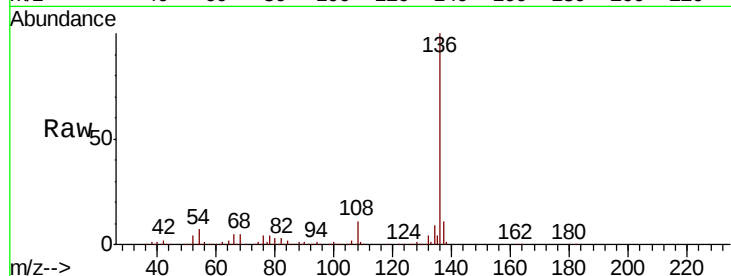
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 5.9 8.9

68 5.3 5.1 7.7

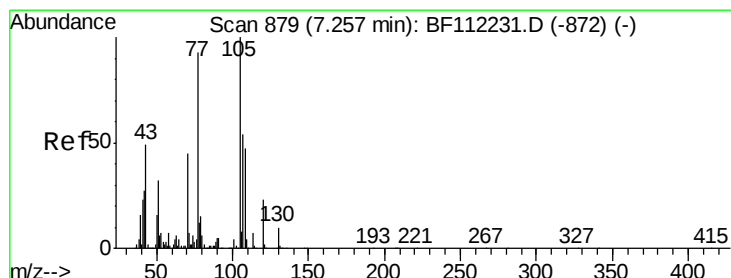
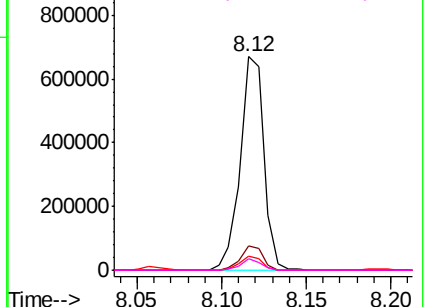


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.957 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Tgt Ion:105 Resp: 624798

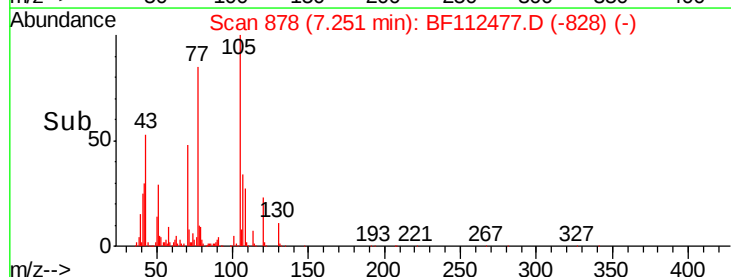
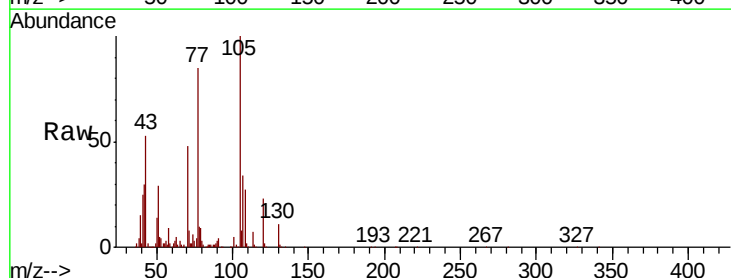
Ion Ratio Lower Upper

105 100

71 8.3 4.6 6.8#

51 29.2 25.0 37.6

120 22.6 19.0 28.4

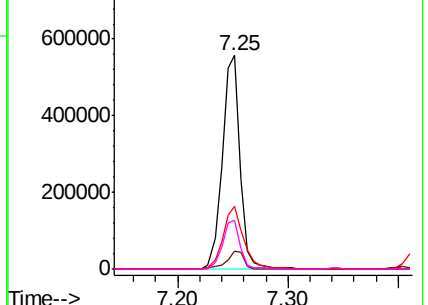


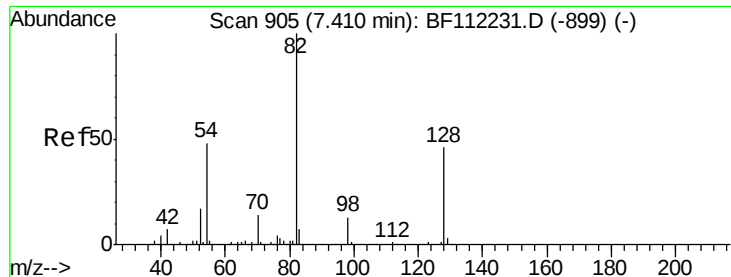
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

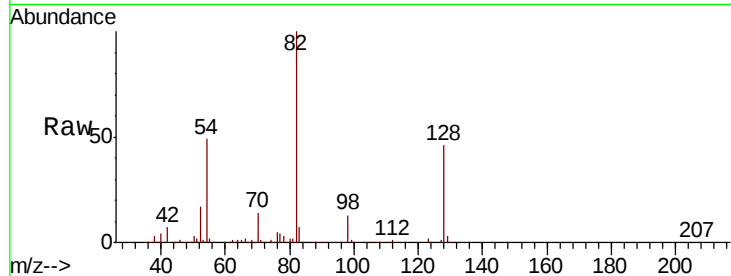




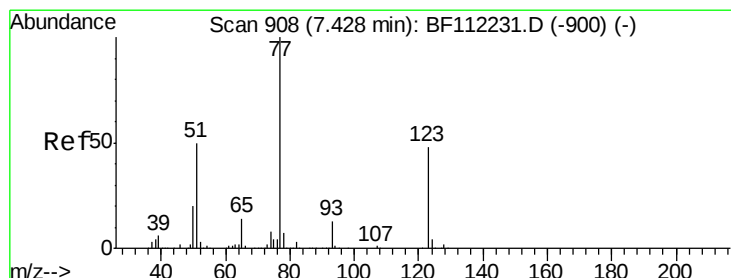
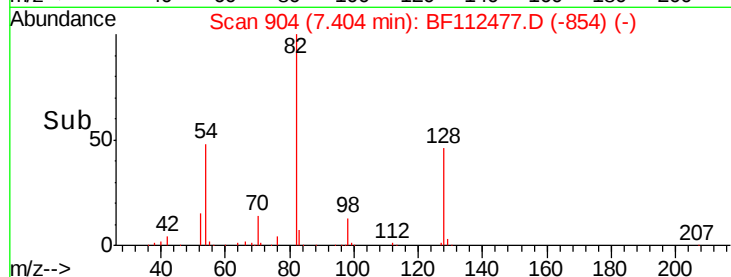
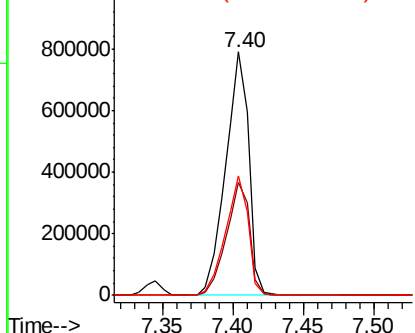
#23
 Nitrobenzene-d5
 Concen: 78.620 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	898690
Ion Ratio	Lower	Upper	
82	100		
128	46.3	37.8	56.8
54	48.9	39.7	59.5

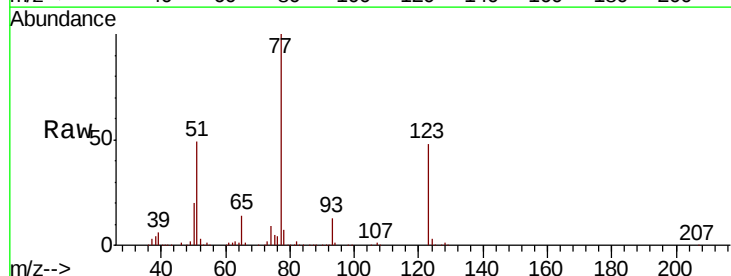


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

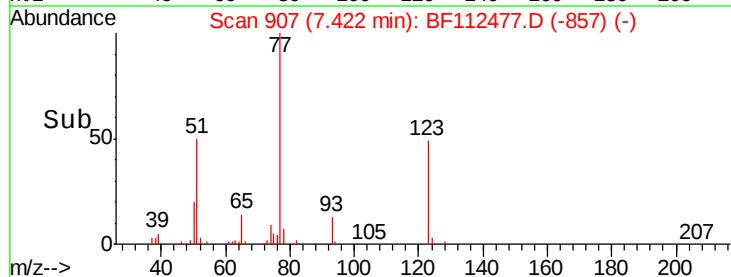
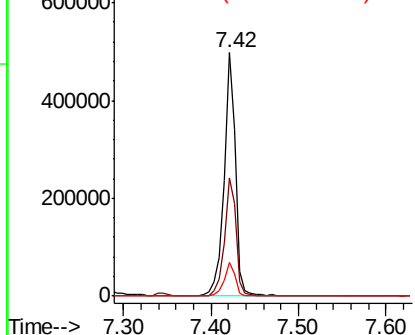


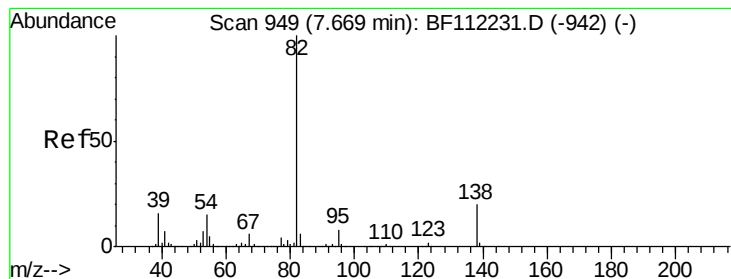
#24
 Nitrobenzene
 Concen: 39.346 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion	77	Resp	449176
Ion Ratio	Lower	Upper	
77	100		
123	48.5	38.4	57.6
65	13.6	10.6	15.8



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: 39.376 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

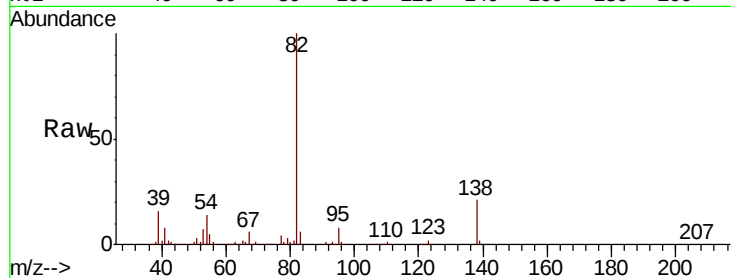
Tot Ion: 82 Resp: 706103

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

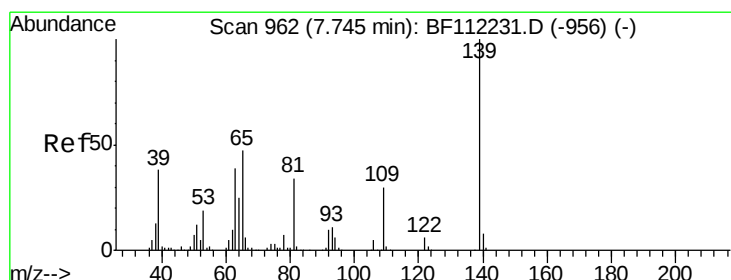
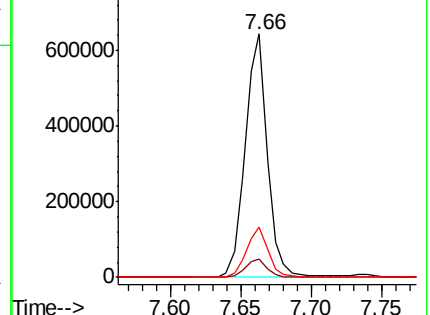
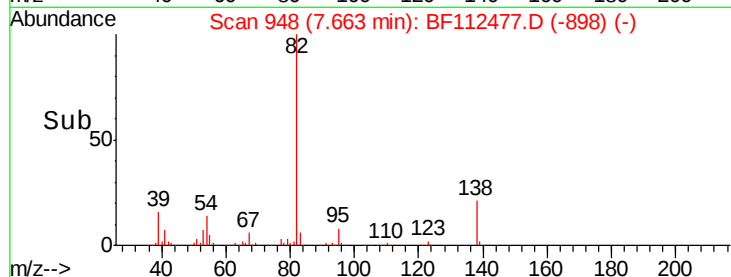
138 20.9 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.642 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

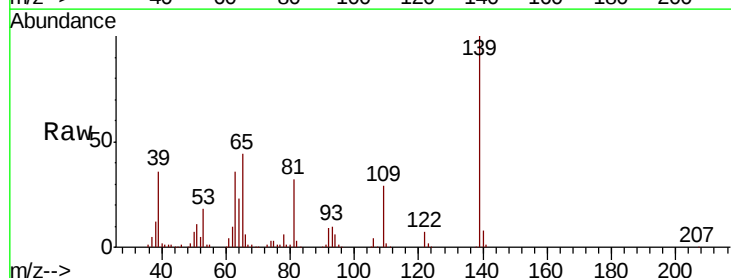
Tgt Ion: 139 Resp: 254054

Ion Ratio Lower Upper

139 100

109 29.1 20.8 31.2

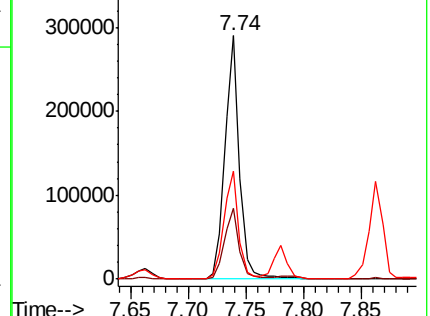
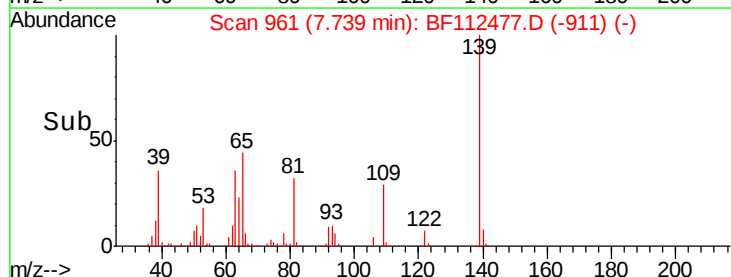
65 44.1 34.4 51.6

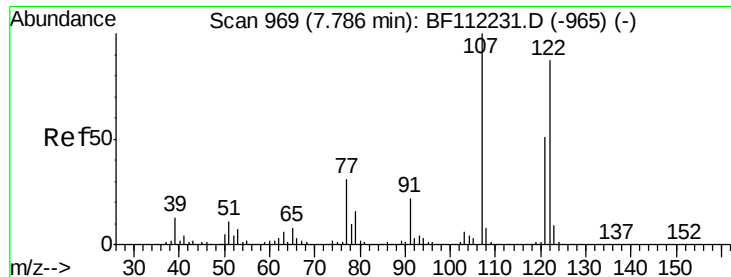


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

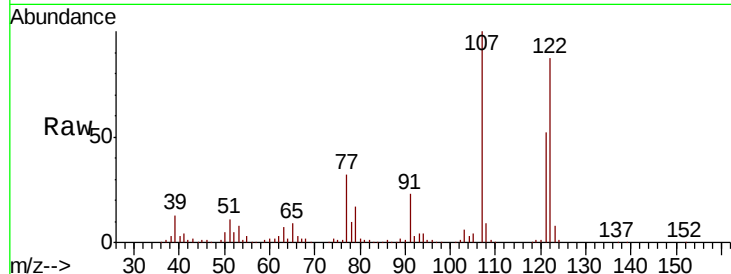




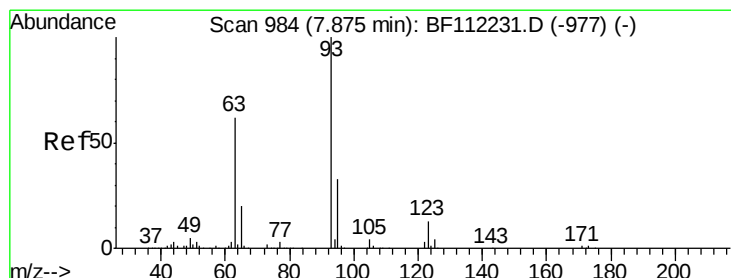
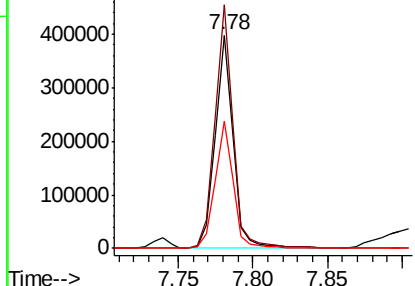
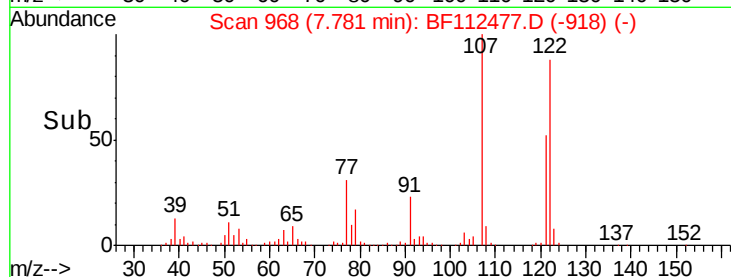
#27
2,4-Dimethylphenol
Concen: 39.380 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 331013
Ion Ratio Lower Upper
122 100
107 114.3 85.4 128.0
121 59.8 47.0 70.4

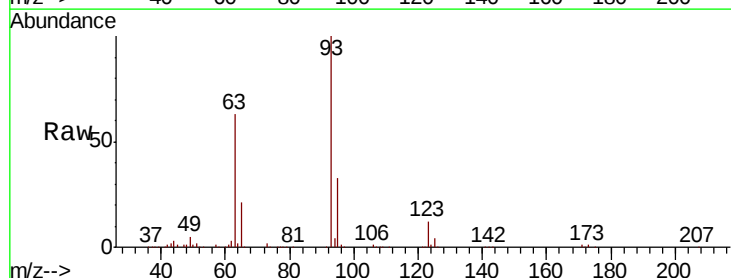


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

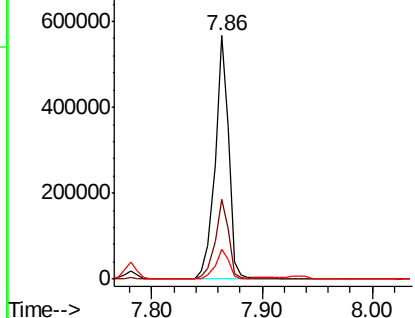
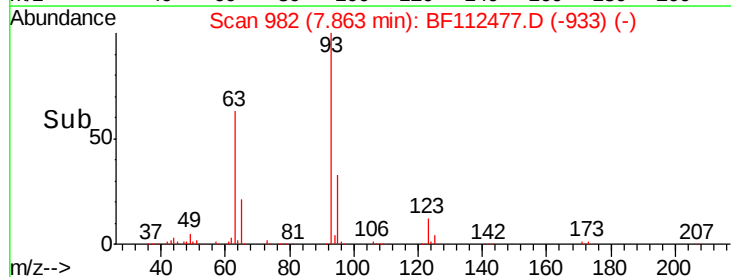


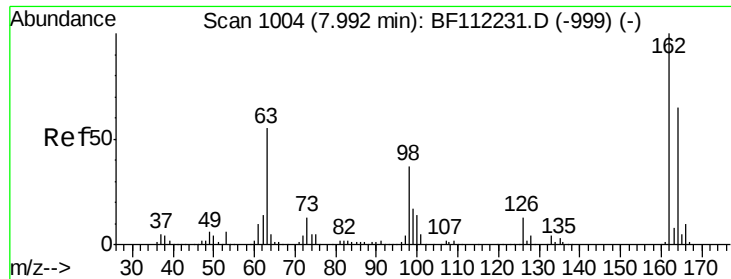
#28
bis(2-Chloroethoxy)methane
Concen: 39.542 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion: 93 Resp: 482825
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 12.2 10.2 15.2



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

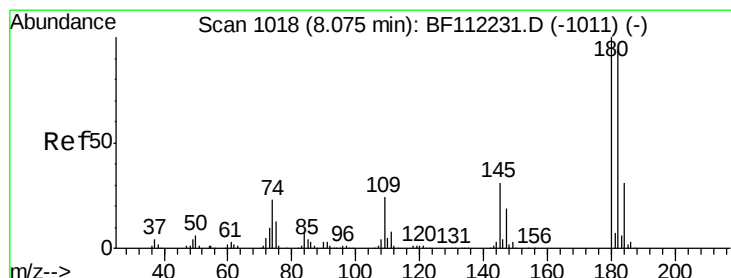
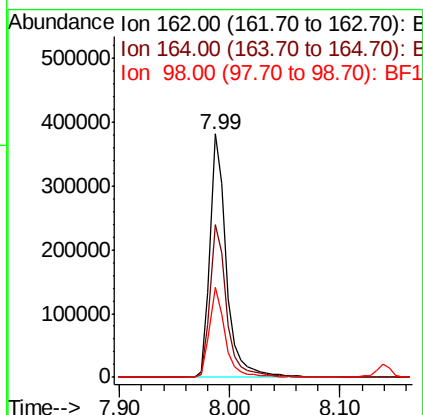
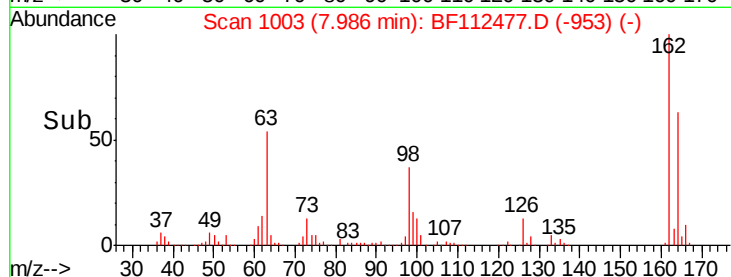
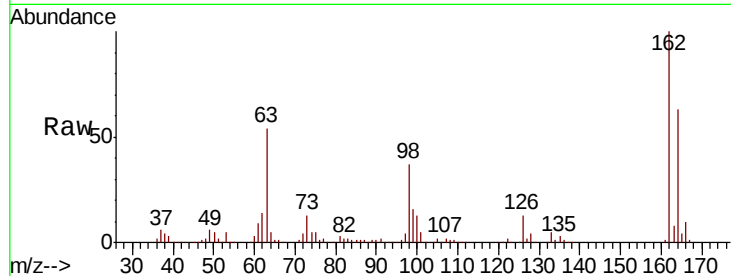




#29
2,4-Dichlorophenol
Concen: 41.036 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

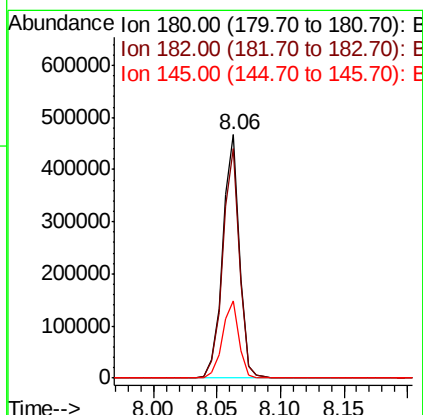
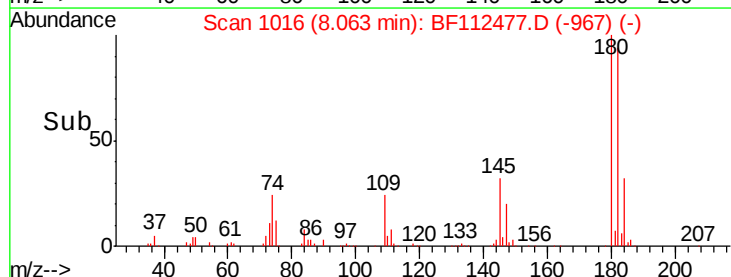
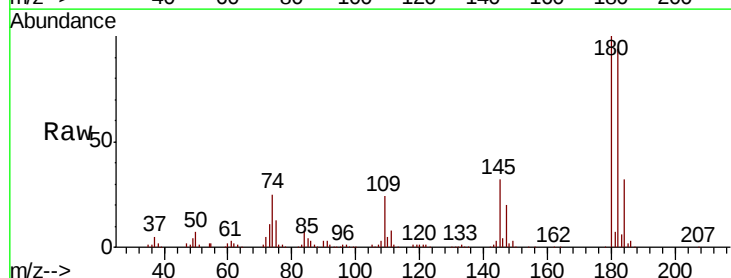
Instrument :
BNA_F
ClientSampleId :

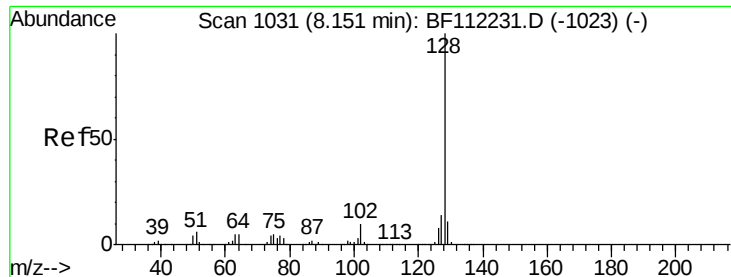
Tot Ion:162 Resp: 386003
Ion Ratio Lower Upper
162 100
164 62.9 44.6 84.6
98 37.1 14.6 54.6



#30
1,2,4-Trichlorobenzene
Concen: 39.818 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:180 Resp: 430528
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 31.6 25.0 37.4

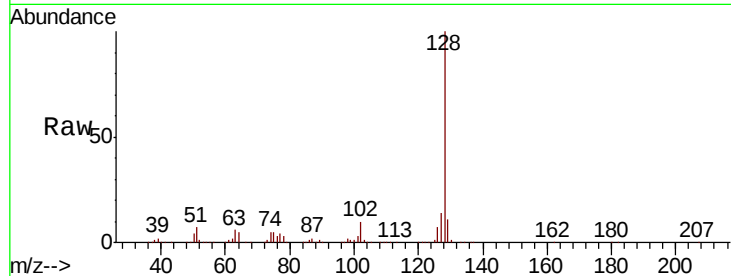




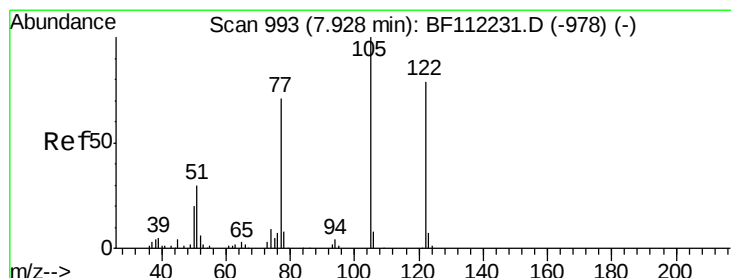
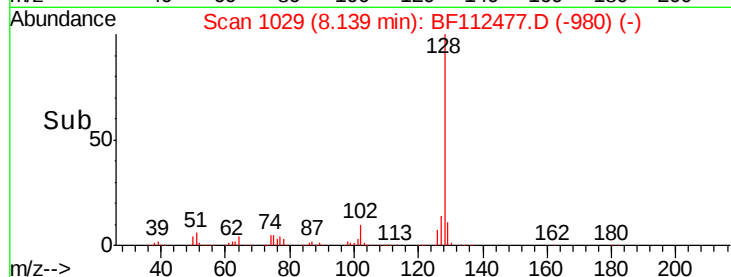
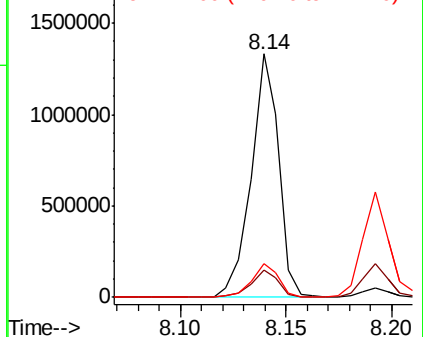
#31
Naphthalene
Concen: 39.217 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1207914
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.8 11.1 16.7

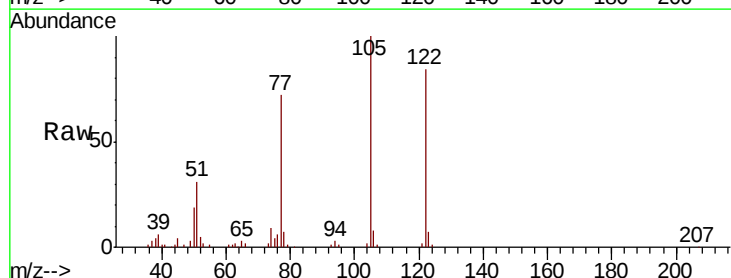


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

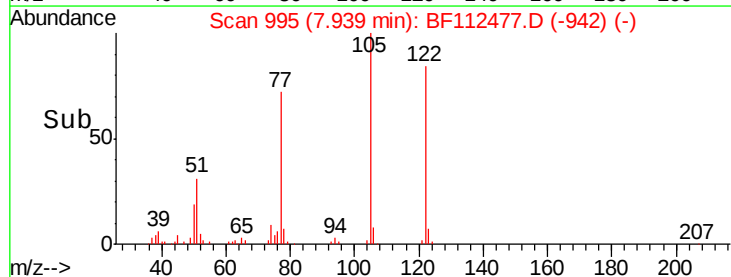
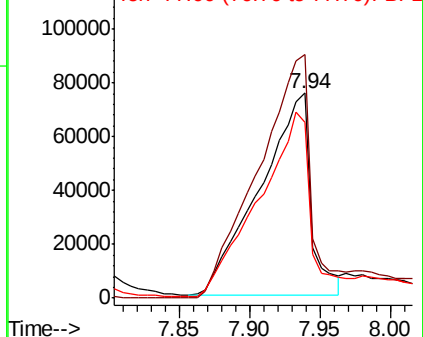


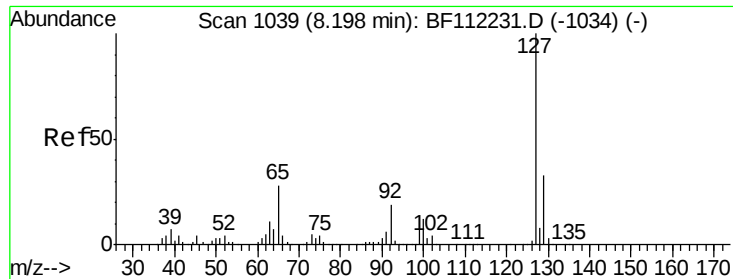
#32
Benzoic acid
Concen: 39.613 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:122 Resp: 189936
Ion Ratio Lower Upper
122 100
105 118.7 101.2 141.2
77 85.7 70.4 110.4



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

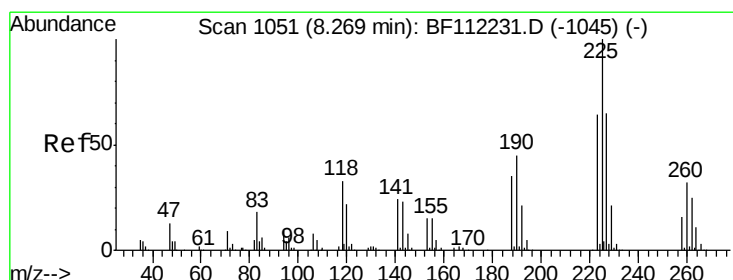
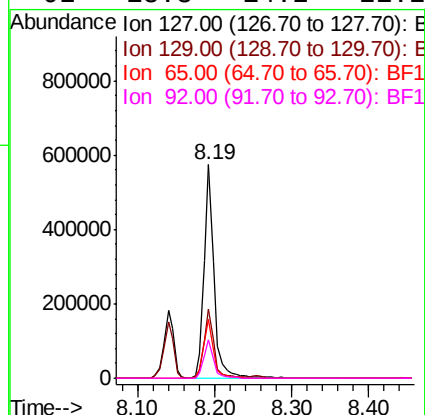
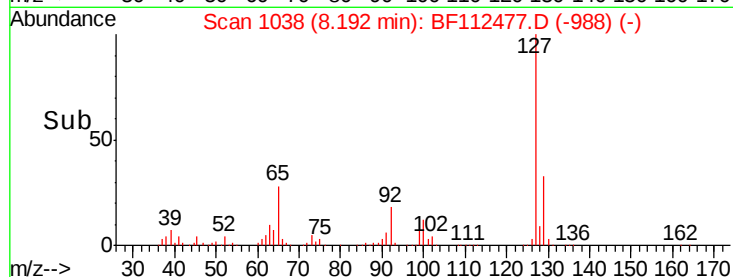
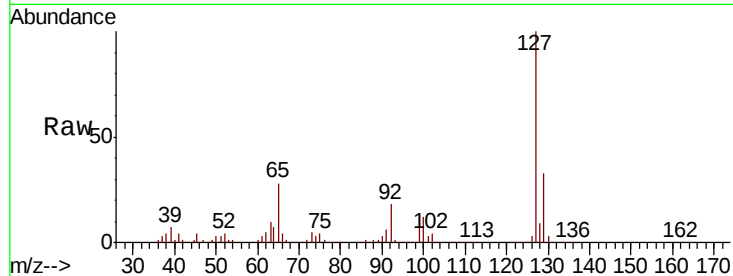




#33
4-Chloroaniline
Concen: 39.246 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

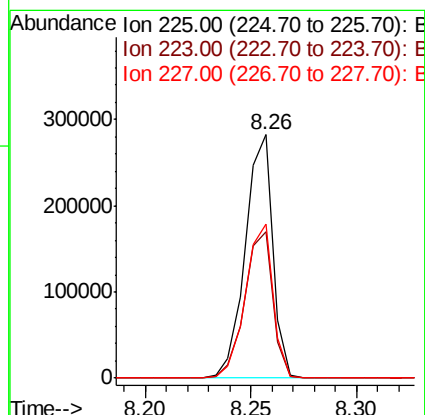
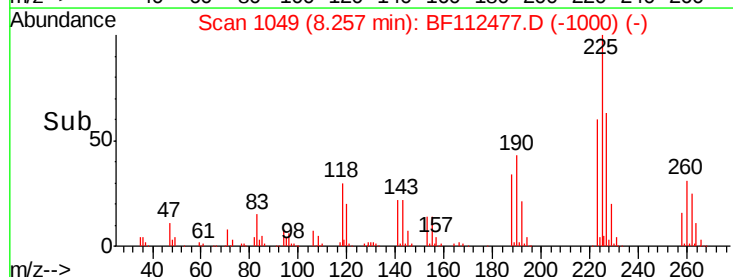
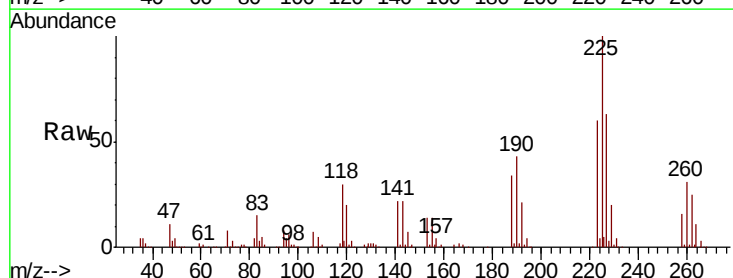
Instrument :
BNA_F
ClientSampleId :

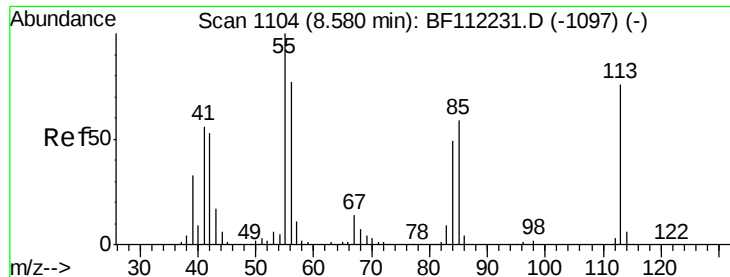
Tot Ion:	127	Resp:	526348
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	27.8	21.4	32.2
92	18.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 40.152 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:	225	Resp:	254765
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.3	75.5
227	63.2	51.8	77.8

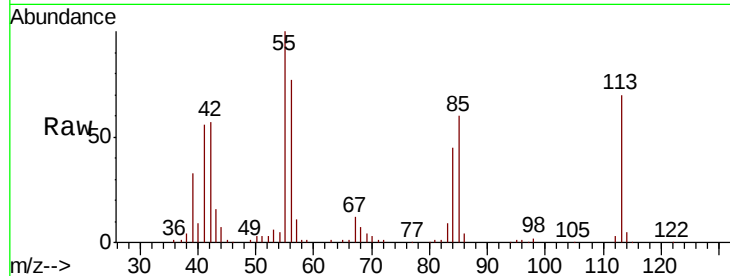




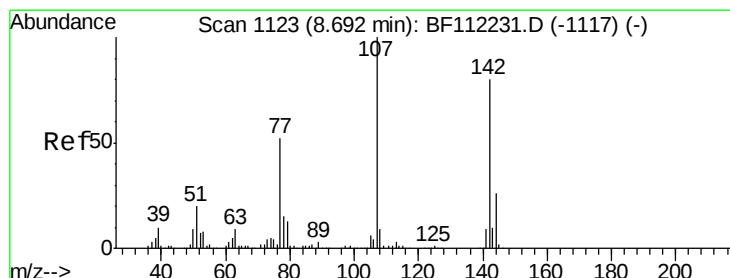
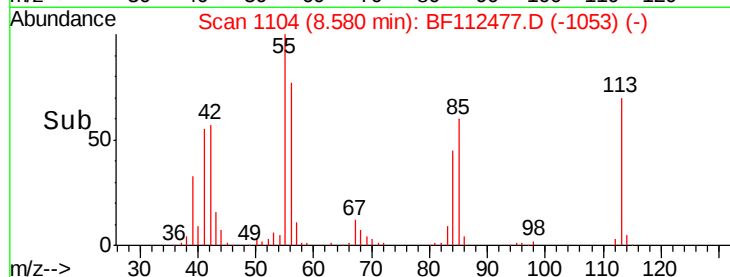
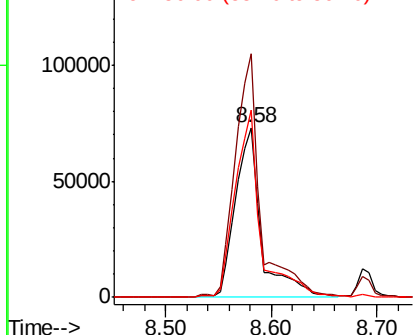
#35
Caprolactam
Concen: 37.125 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 123194
Ion Ratio Lower Upper
113 100
55 143.7 121.6 161.6
56 110.6 86.7 126.7

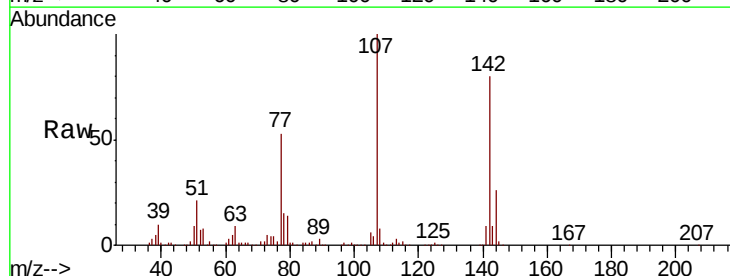


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

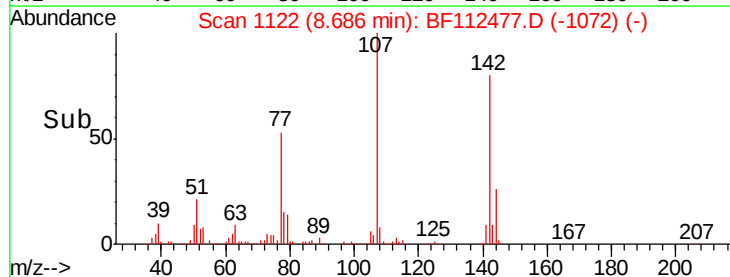
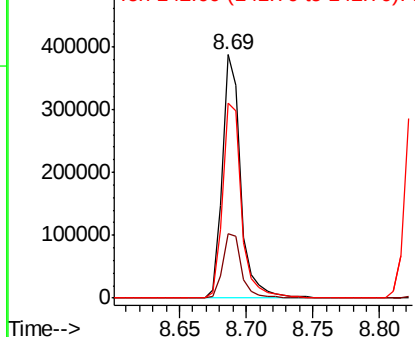


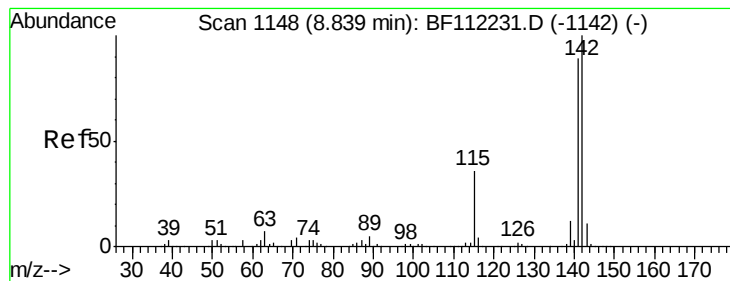
#36
4-Chloro-3-methylphenol
Concen: 38.149 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:107 Resp: 379881
Ion Ratio Lower Upper
107 100
144 26.3 22.2 33.2
142 80.3 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

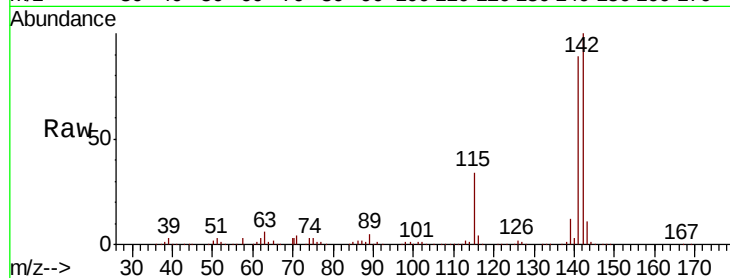




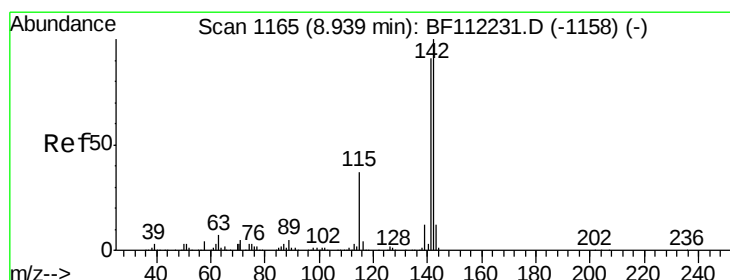
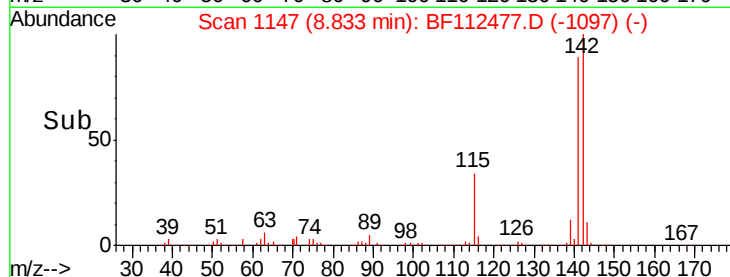
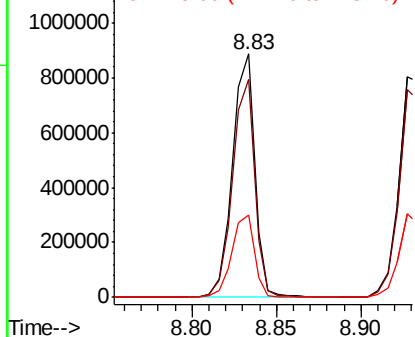
#37
2-Methylnaphthalene
Concen: 38.581 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	34.0	24.9	37.3

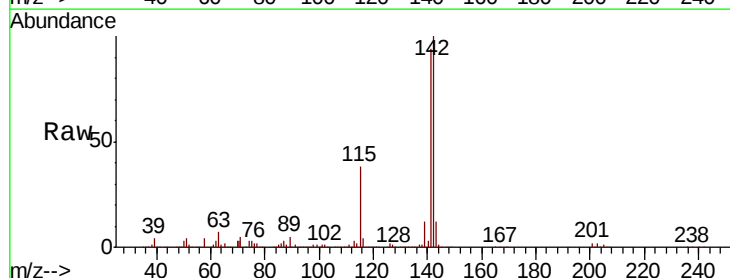


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

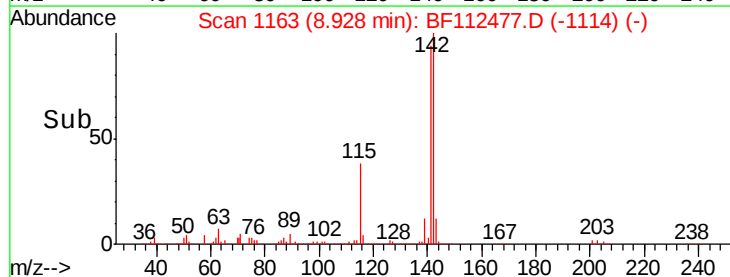
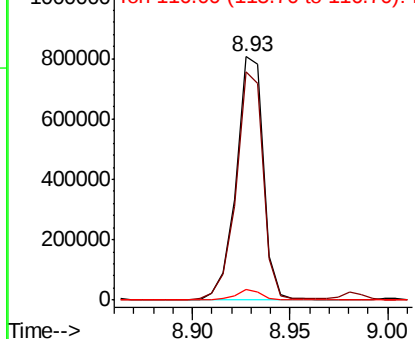


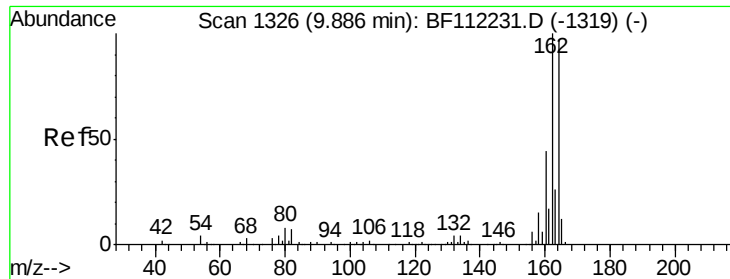
#38
1-Methylnaphthalene
Concen: 38.467 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.6	108.8
116	4.2	2.8	4.2



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

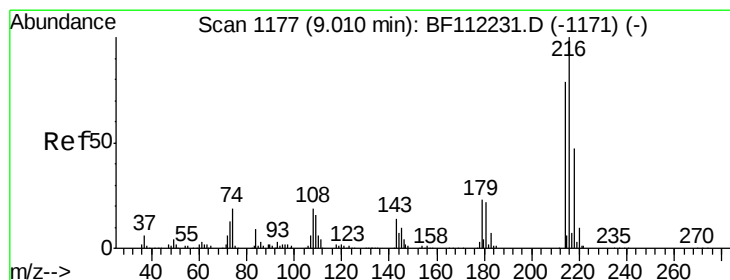
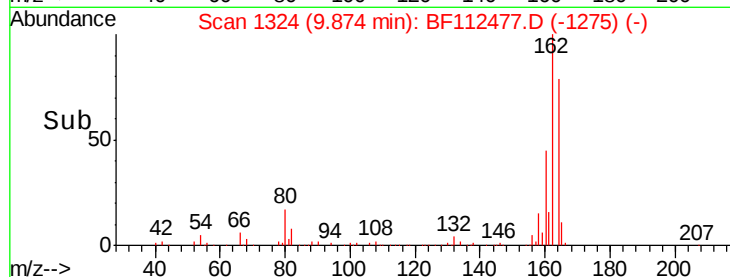
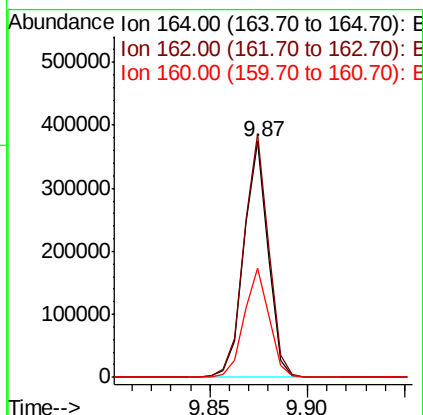
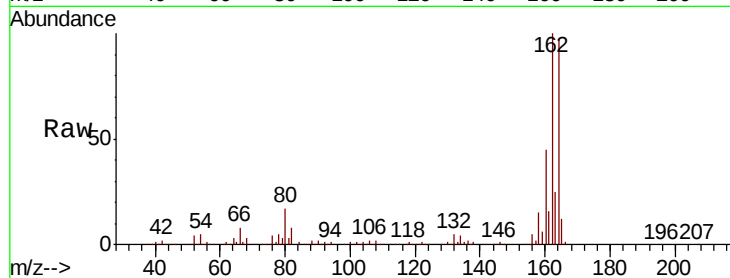




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

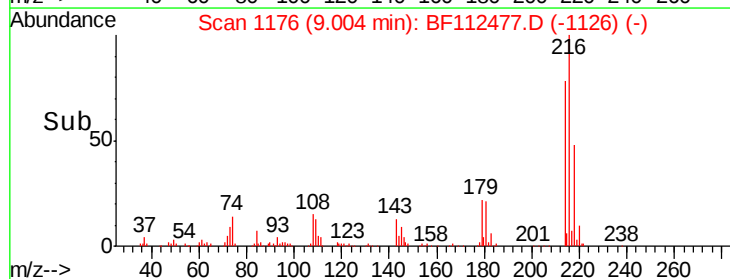
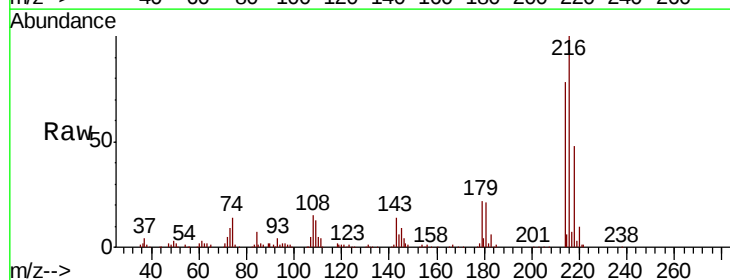
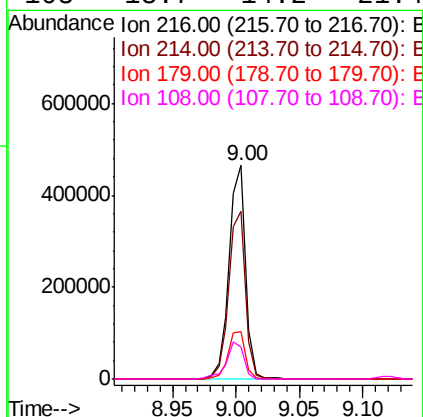
Instrument :
 BNA_F
 ClientSampled :

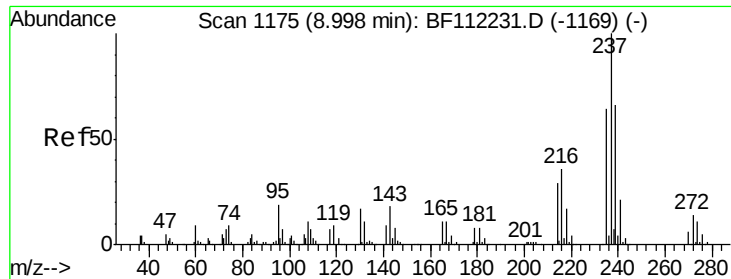
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	46.2	36.2	54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.415 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	23.0	16.9	25.3
108	18.7	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 42.439 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

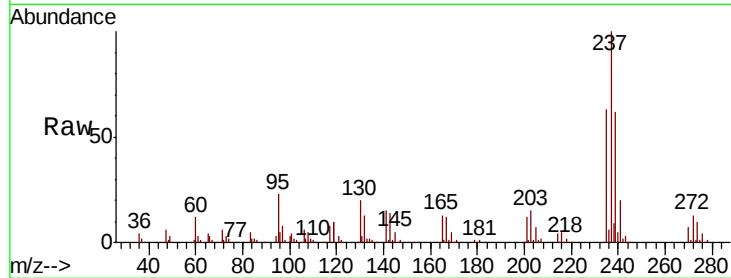
Tot Ion:237 Resp: 149375

Ion Ratio Lower Upper

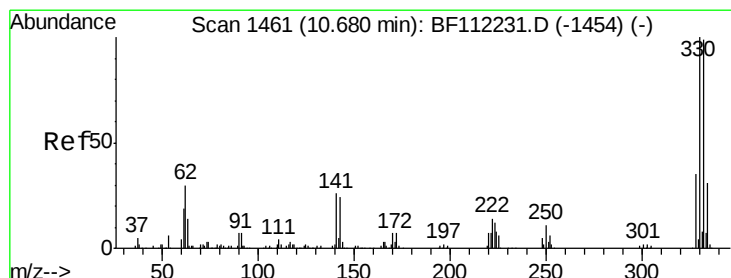
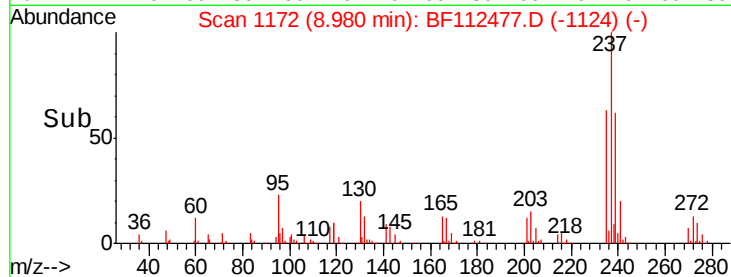
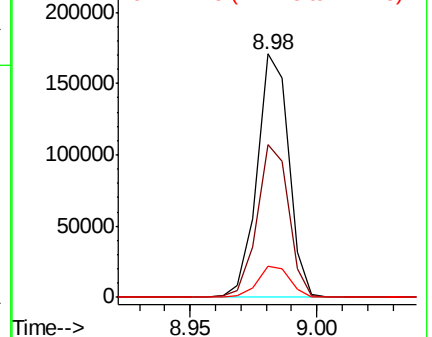
237 100

235 62.8 44.0 84.0

272 12.6 0.0 33.3



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: 78.915 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

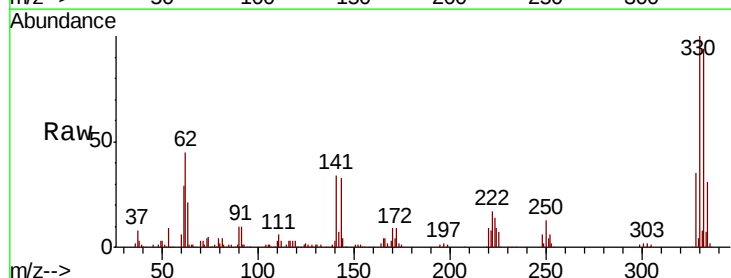
Tgt Ion:330 Resp: 295020

Ion Ratio Lower Upper

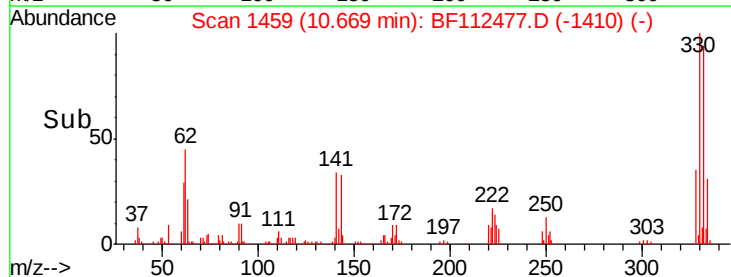
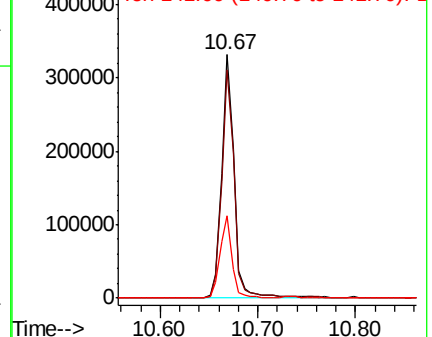
330 100

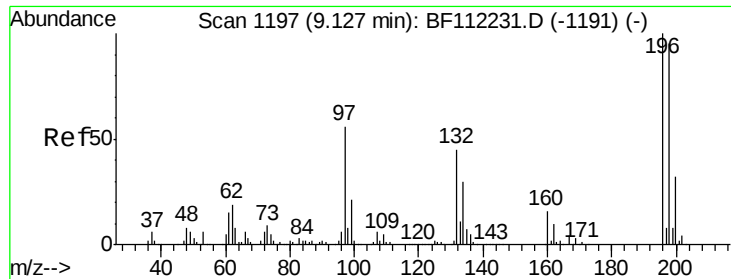
332 93.6 76.6 114.8

141 32.6 24.3 36.5



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

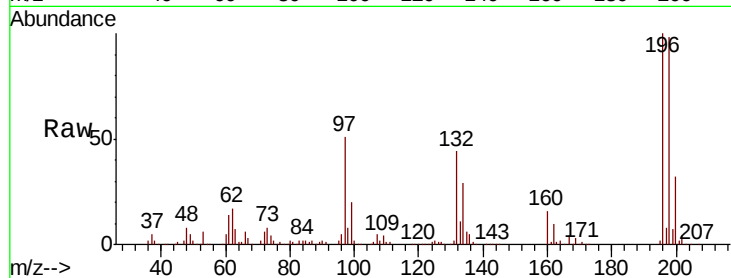




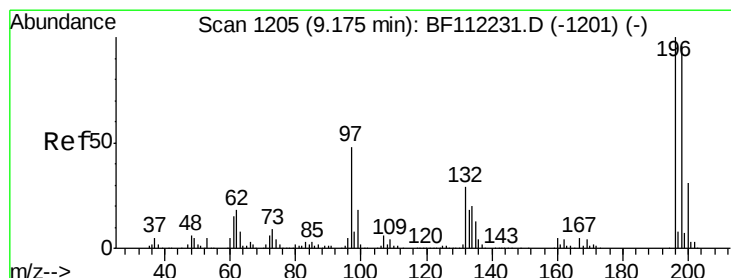
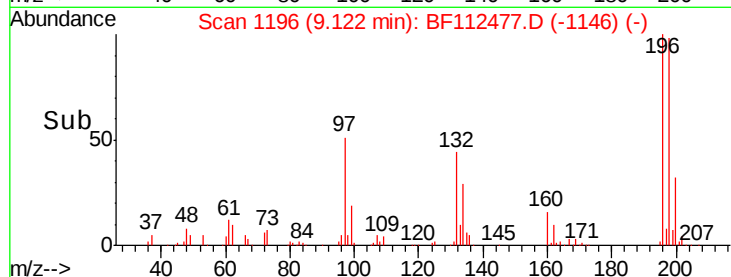
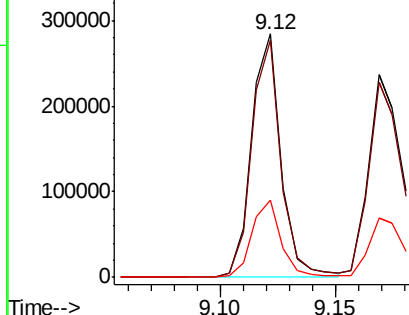
#43
 2,4,6-Trichlorophenol
 Concen: 39.265 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 255240
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.2 114.4
 200 31.8 24.3 36.5

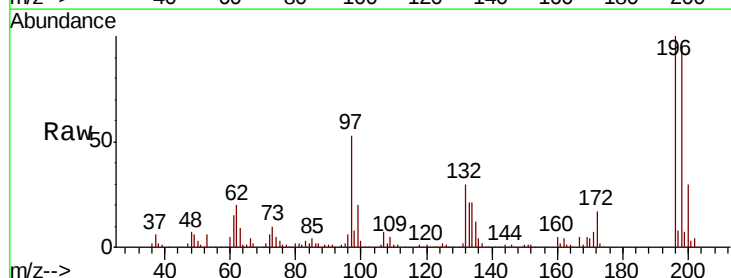


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

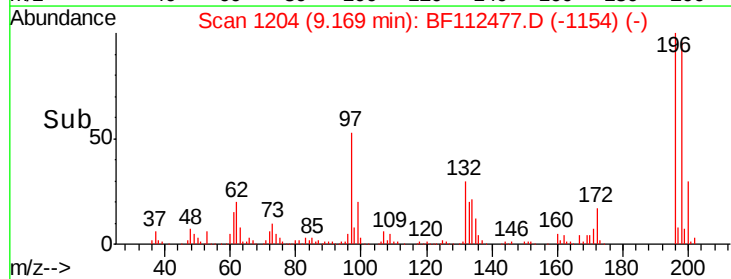
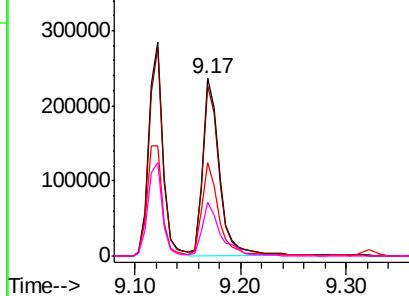


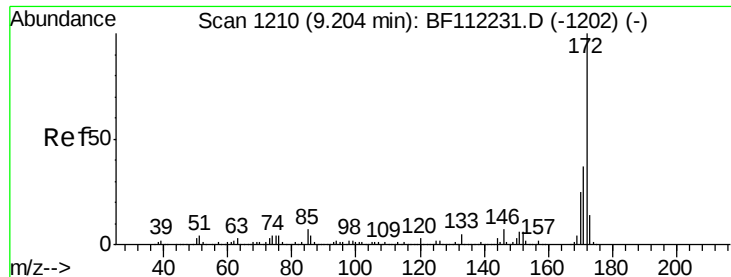
#44
 2,4,5-Trichlorophenol
 Concen: 38.629 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion:196 Resp: 262437
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.0 114.0
 97 52.8 36.4 54.6
 132 29.9 21.5 32.3



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



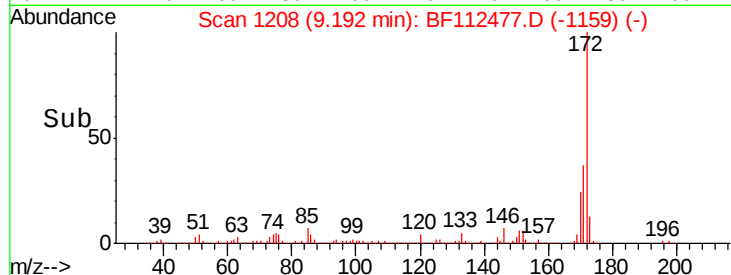
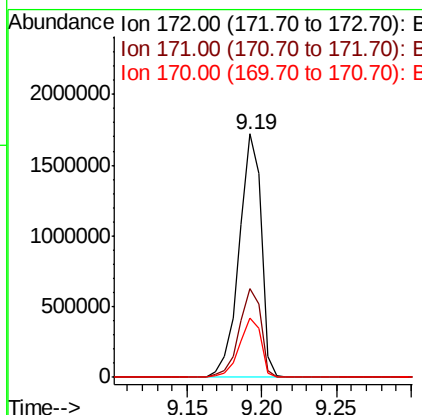
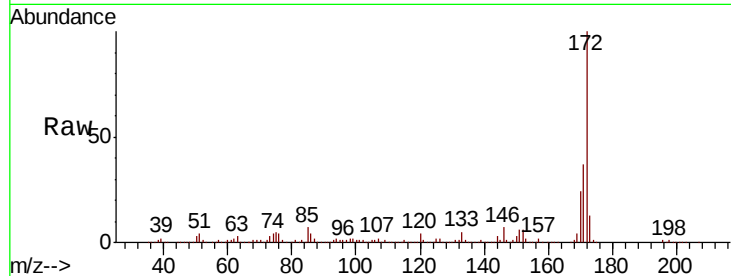


#45
 2-Fluorobiphenyl
 Concen: 78.215 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1776184

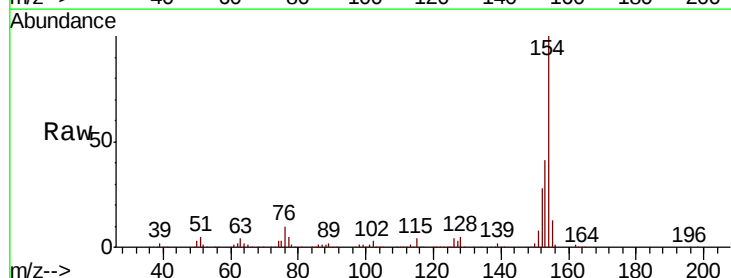
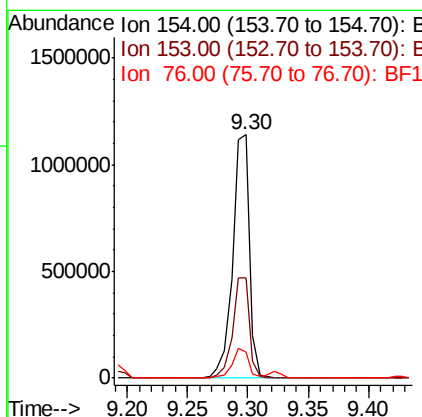
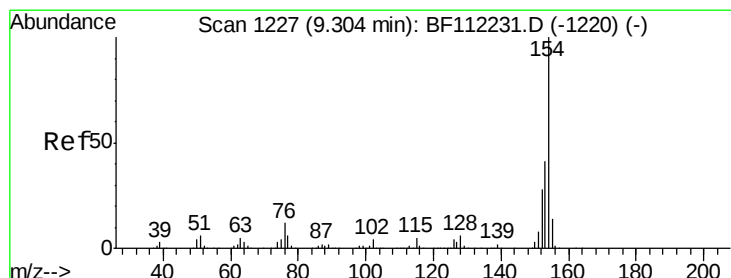
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.5	20.2	30.4

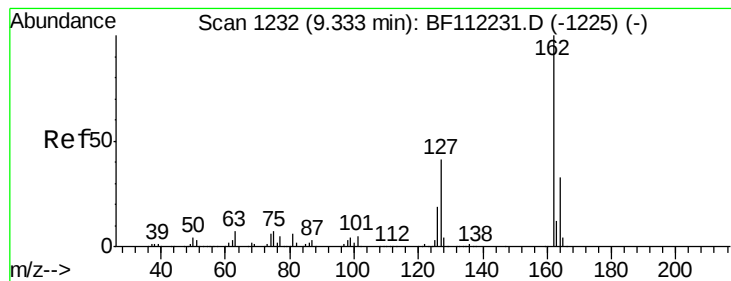


#46
 1,1'-Biphenyl
 Concen: 39.360 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion:154 Resp: 1105196

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	10.4	0.0	33.1





#47

2-Chloronaphthalene

Concen: 39.109 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

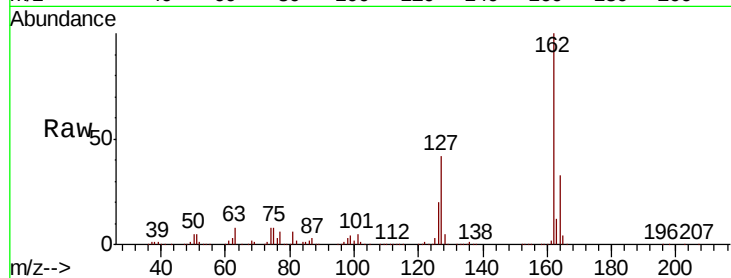
Tot Ion:162 Resp: 851565

Ion Ratio Lower Upper

162 100

127 42.2 30.4 45.6

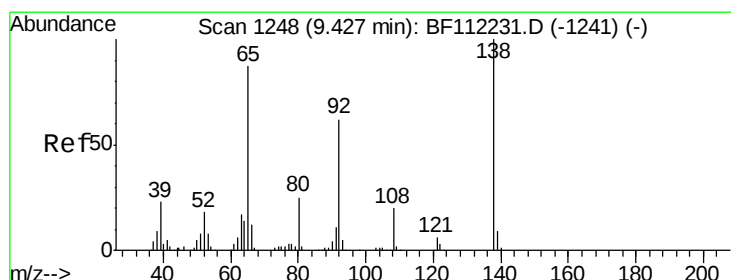
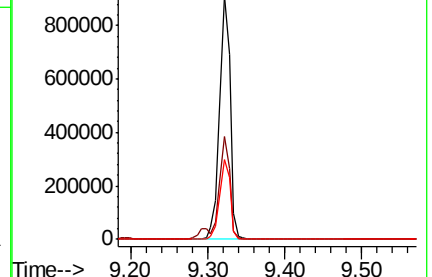
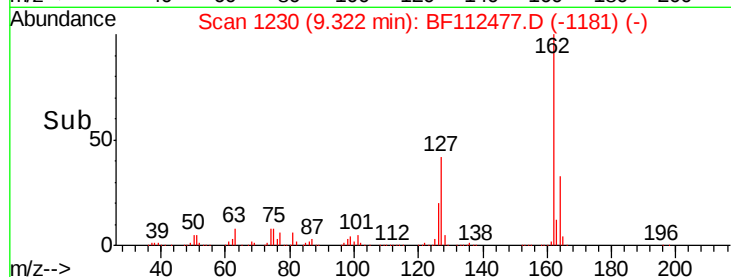
164 33.0 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.417 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

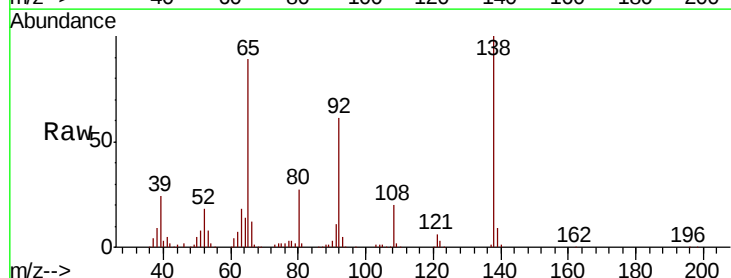
Tgt Ion: 65 Resp: 233931

Ion Ratio Lower Upper

65 100

92 68.8 60.4 90.6

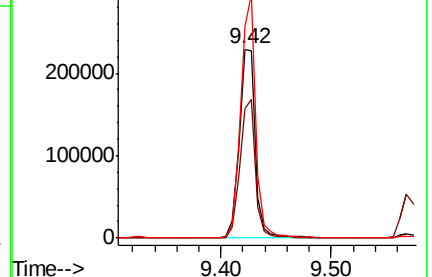
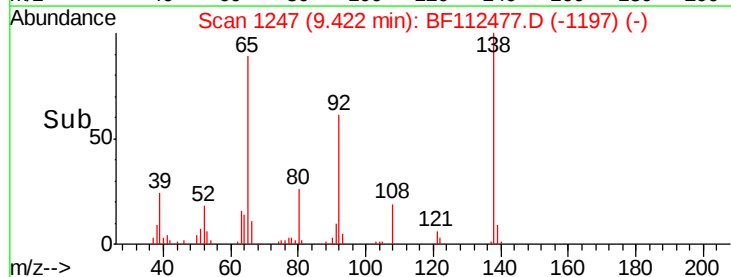
138 112.4 104.4 156.6

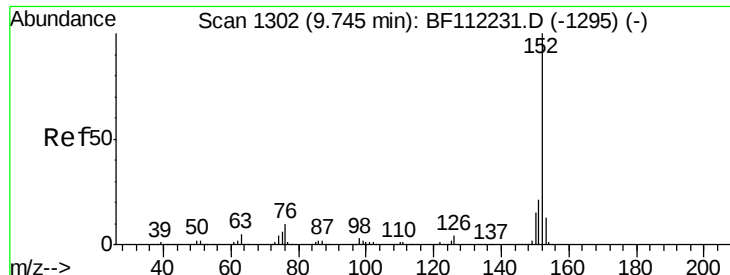


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.410 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

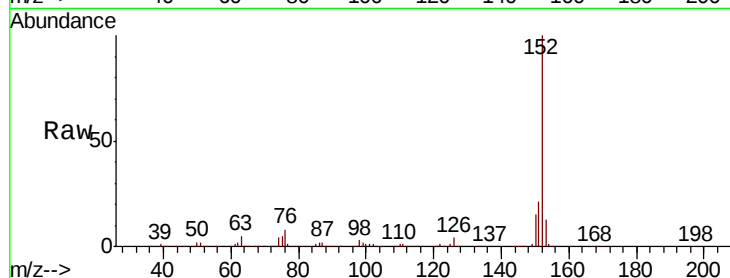
Tot Ion:152 Resp: 1225840

Ion Ratio Lower Upper

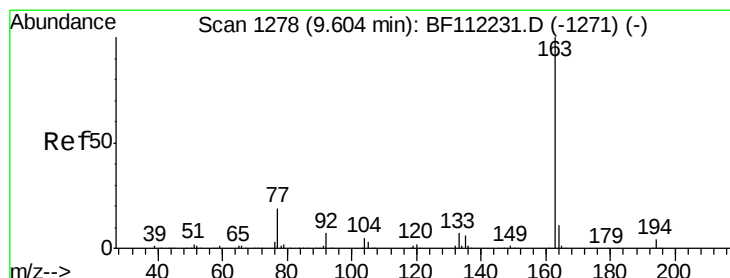
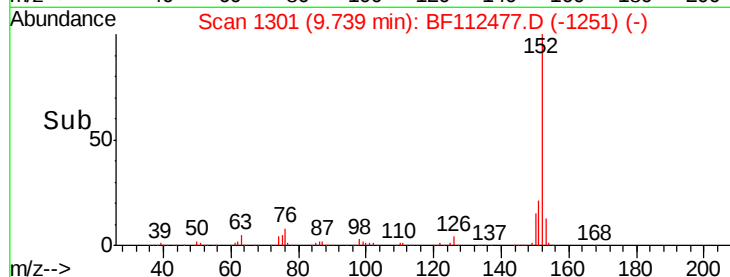
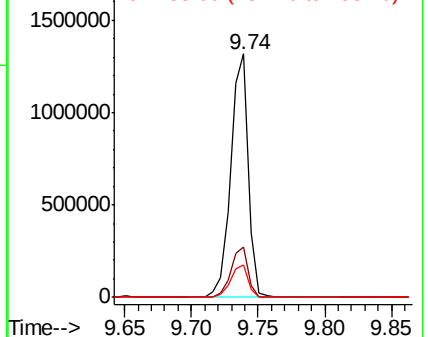
152 100

151 20.8 17.0 25.6

153 13.1 11.2 16.8



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: 38.352 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

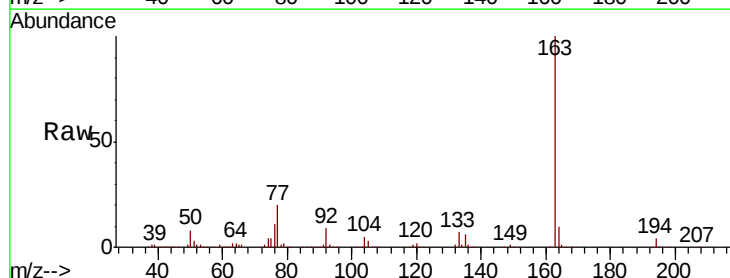
Tgt Ion:163 Resp: 957044

Ion Ratio Lower Upper

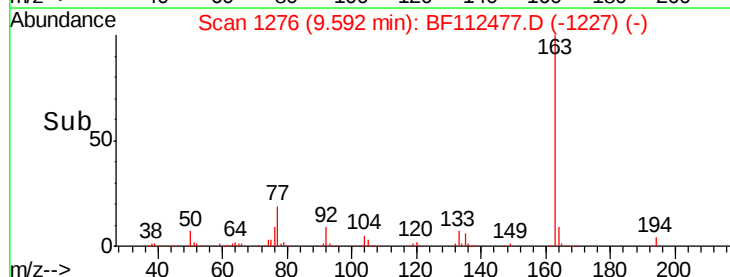
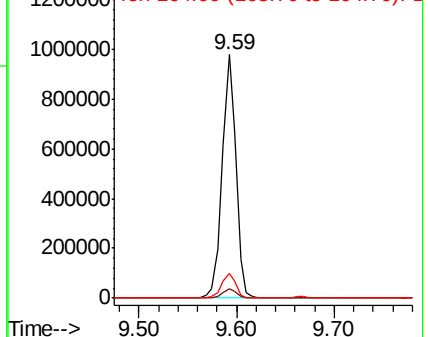
163 100

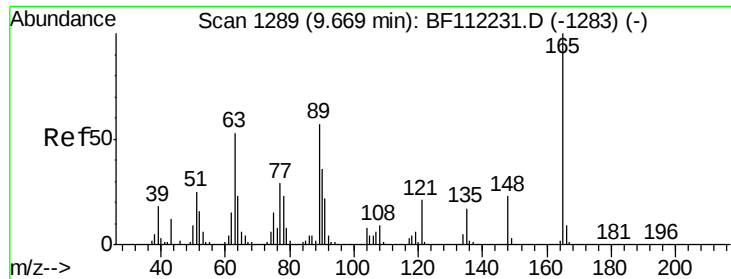
194 4.0 3.3 4.9

164 10.4 8.5 12.7



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: 38.939 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampled :

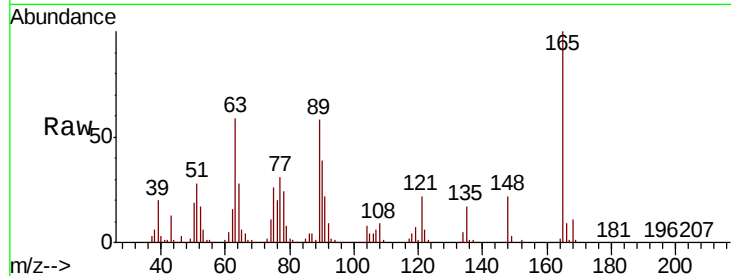
Tot Ion:165 Resp: 217622

Ion Ratio Lower Upper

165 100

63 59.4 33.8 50.8#

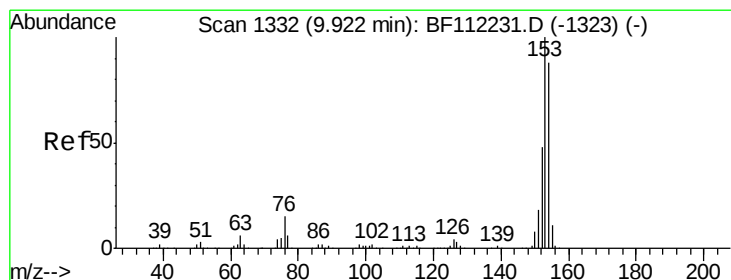
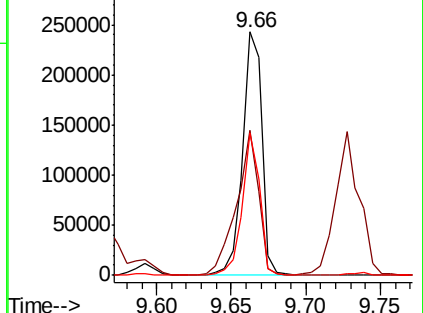
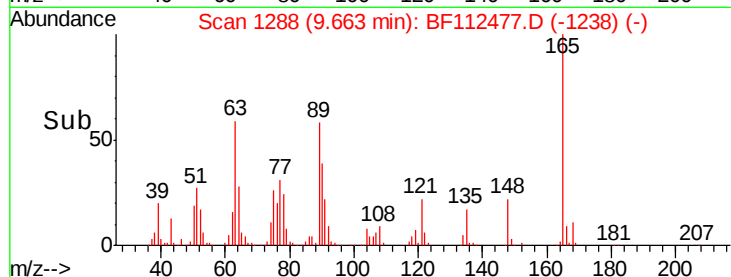
89 58.4 36.9 55.3#



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: 38.826 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

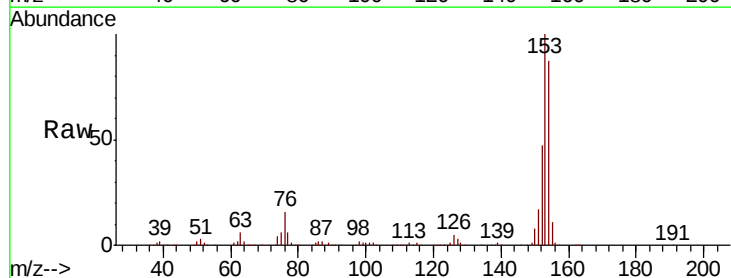
Tgt Ion:154 Resp: 740214

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

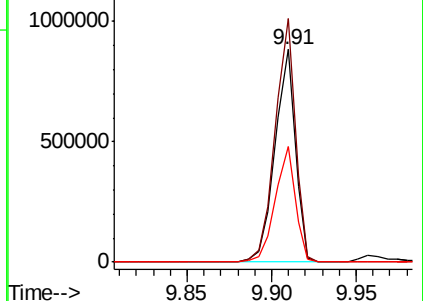
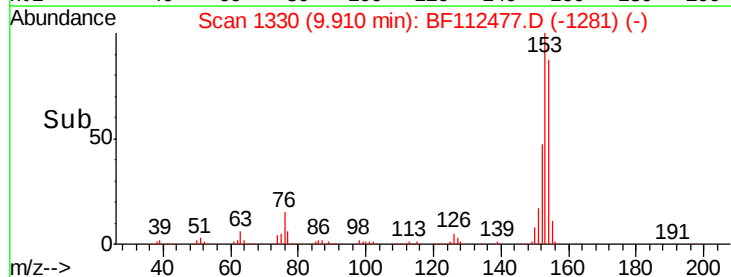
152 54.4 43.5 65.3

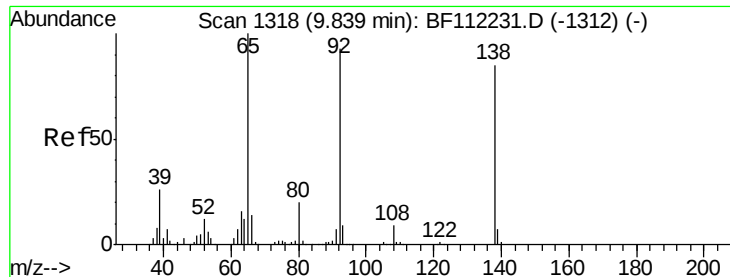


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

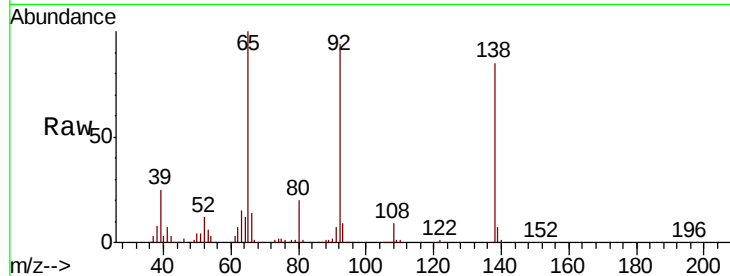




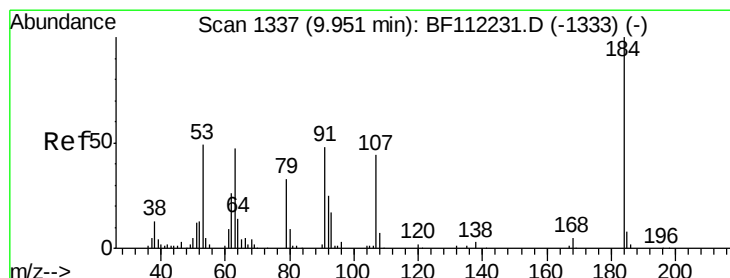
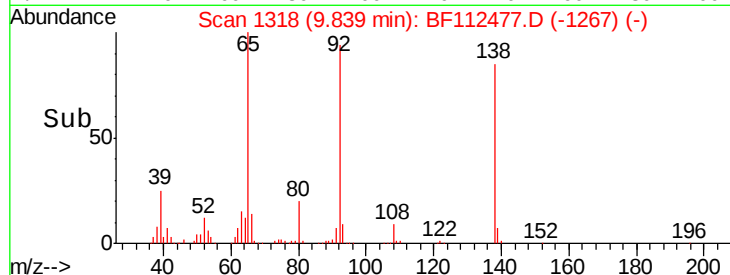
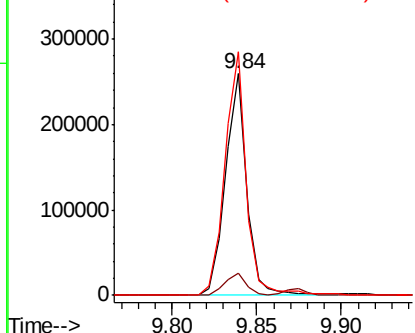
#53
3-Nitroaniline
Concen: 37.671 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 228089
Ion Ratio Lower Upper
138 100
108 10.1 9.8 14.6
92 110.0 79.4 119.2

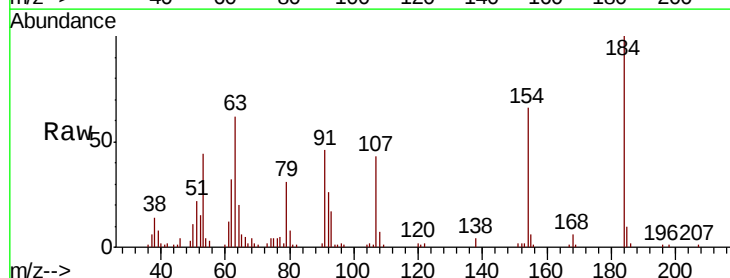


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

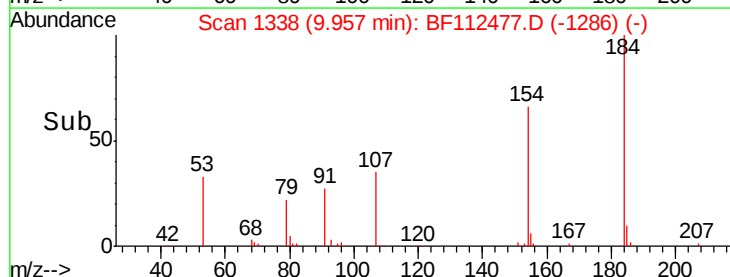
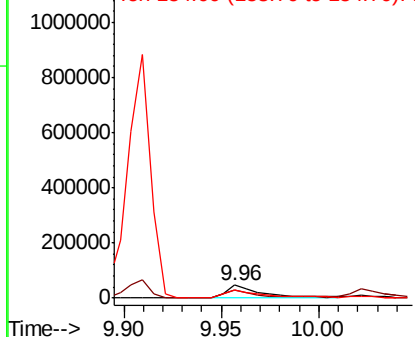


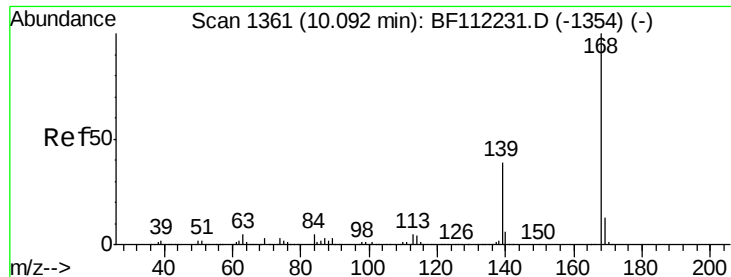
#54
2,4-Dinitrophenol
Concen: 34.999 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:184 Resp: 62774
Ion Ratio Lower Upper
184 100
63 62.0 47.1 70.7
154 65.9 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.748 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

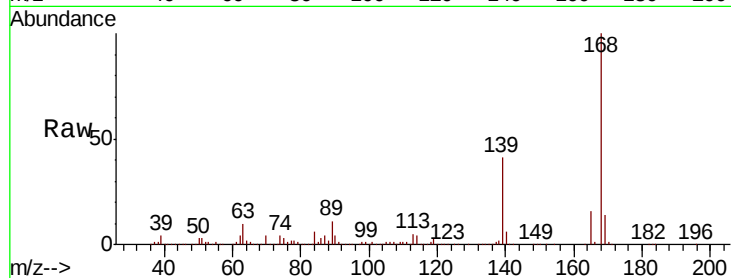
Tot Ion:168 Resp: 1099753

Ion Ratio Lower Upper

168 100

139 41.4 29.2 43.8

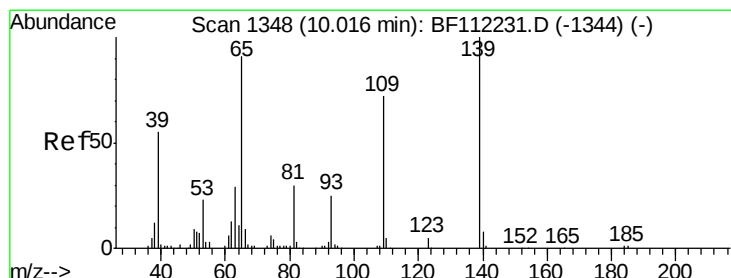
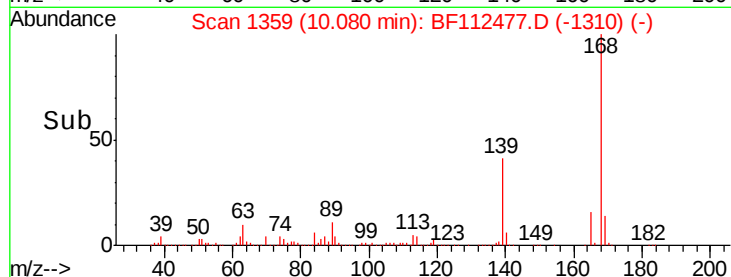
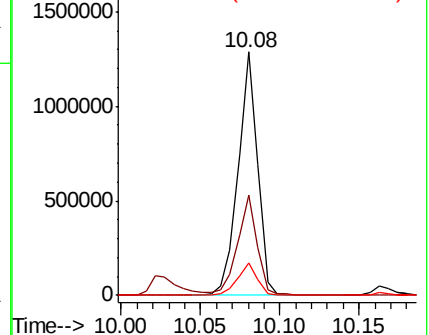
169 13.6 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.643 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

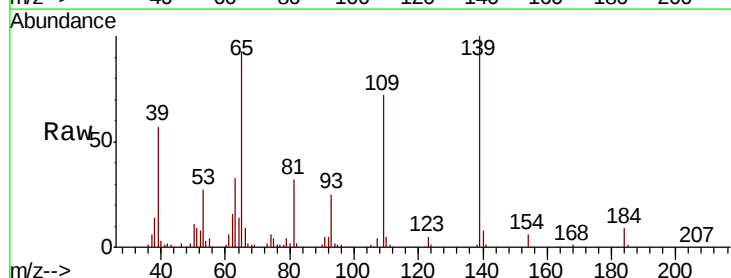
Tgt Ion:139 Resp: 123698

Ion Ratio Lower Upper

139 100

109 71.5 42.8 82.8

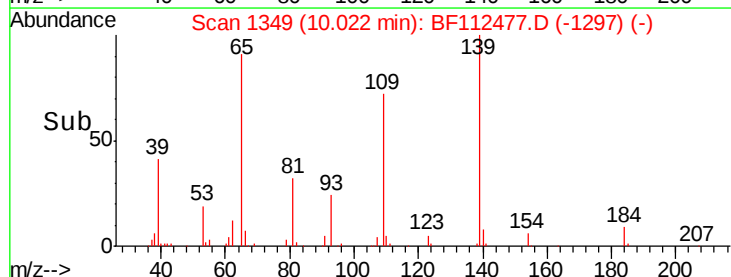
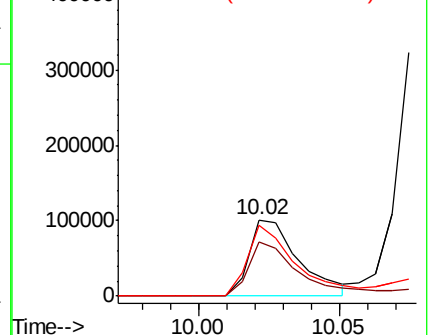
65 92.8 66.1 106.1

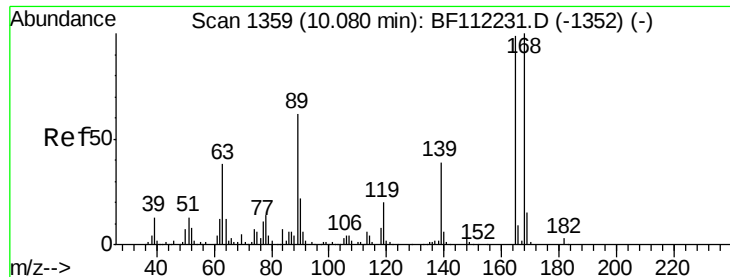


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

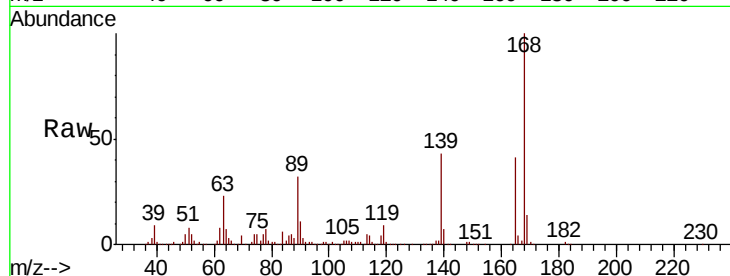




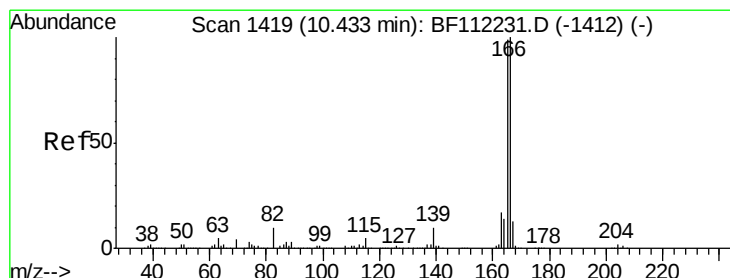
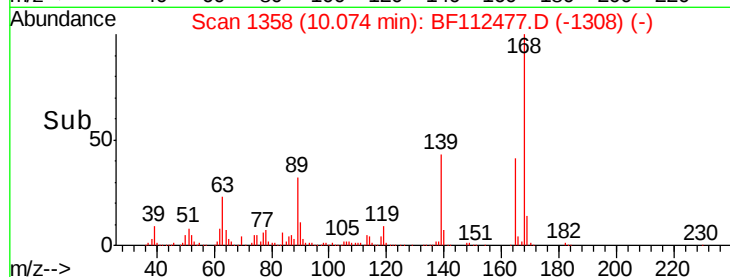
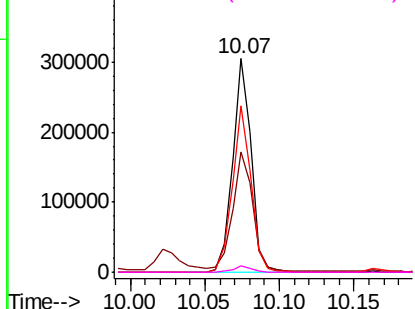
#57
2,4-Dinitrotoluene
Concen: 37.794 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	27.9	41.9#
89	77.8	47.9	71.9#
182	2.8	2.2	3.4

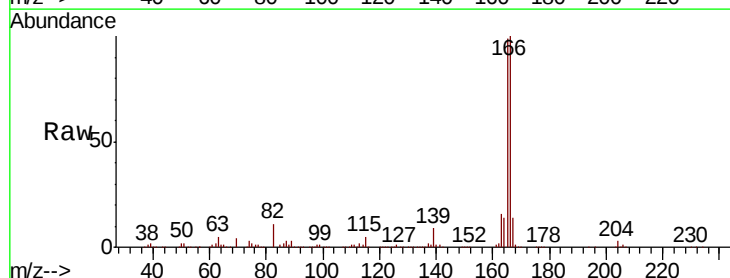


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

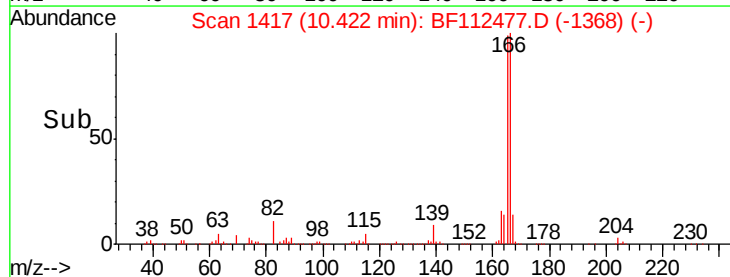
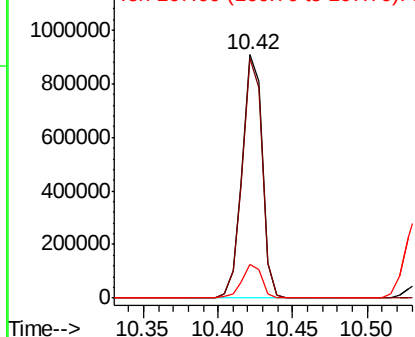


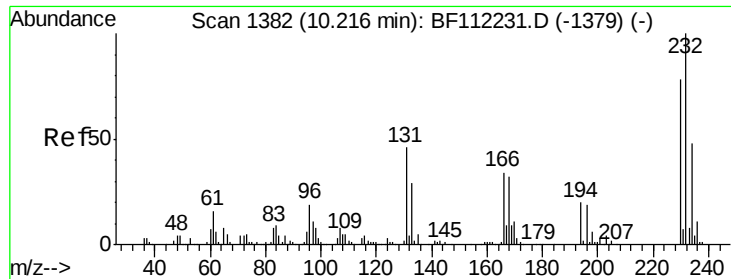
#58
Fluorene
Concen: 39.037 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.1	115.7
167	13.9	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

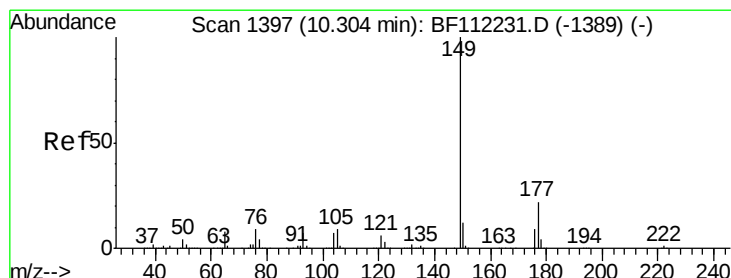
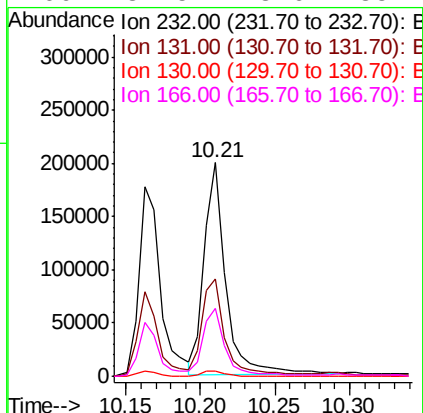
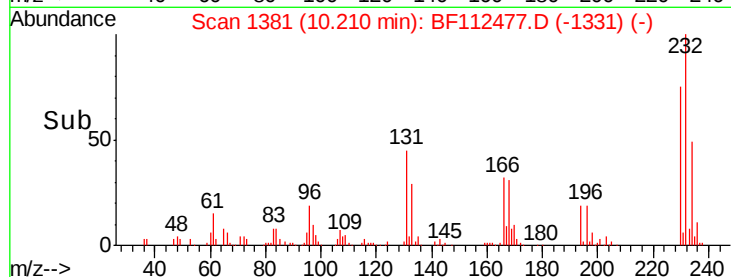
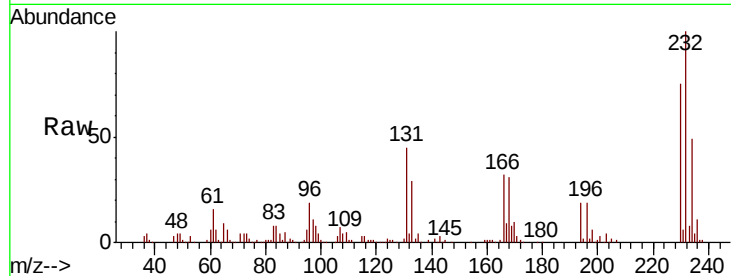




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.726 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

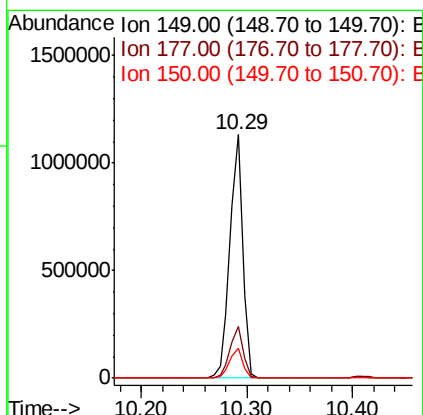
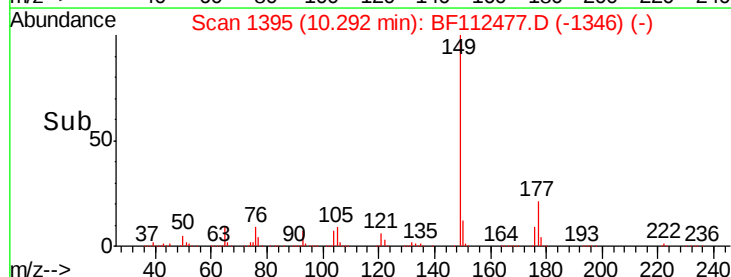
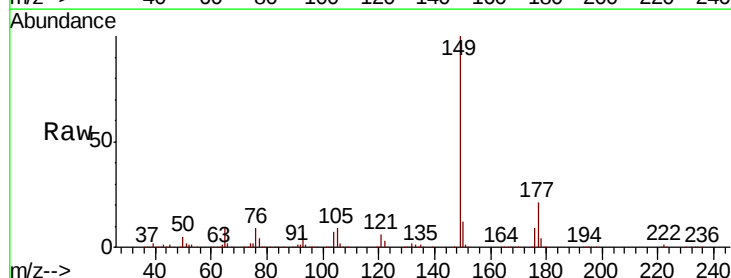
Instrument :
 BNA_F
 ClientSampleId :

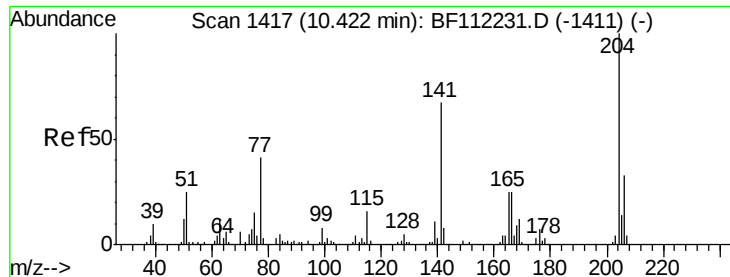
Tot Ion:232 Resp: 198822
 Ion Ratio Lower Upper
 232 100
 131 48.5 33.9 50.9
 130 2.5 1.8 2.6
 166 32.5 23.6 35.4



#60
 Diethylphthalate
 Concen: 38.761 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion:149 Resp: 959876
 Ion Ratio Lower Upper
 149 100
 177 21.4 18.2 27.2
 150 12.3 10.4 15.6

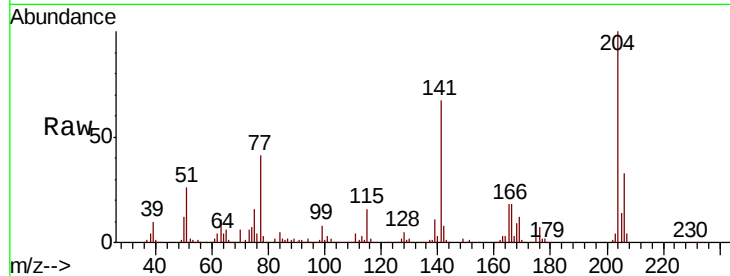




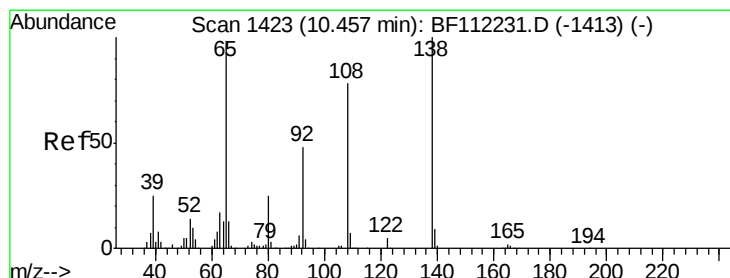
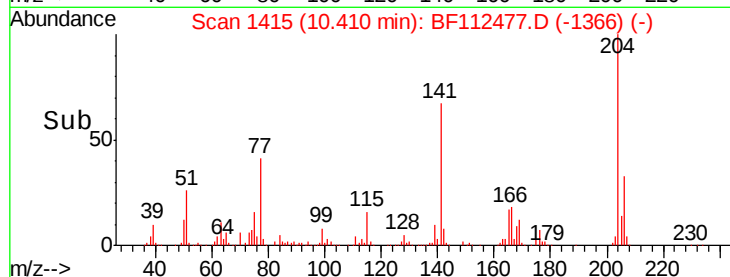
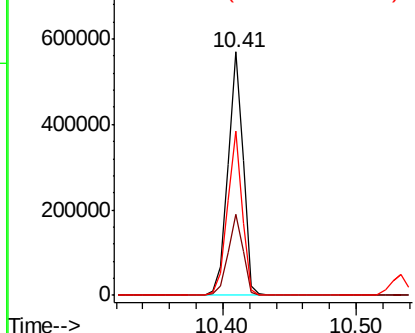
#61
4-Chlorophenyl-phenylether
Concen: 38.771 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 459804
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 67.4 45.9 68.9

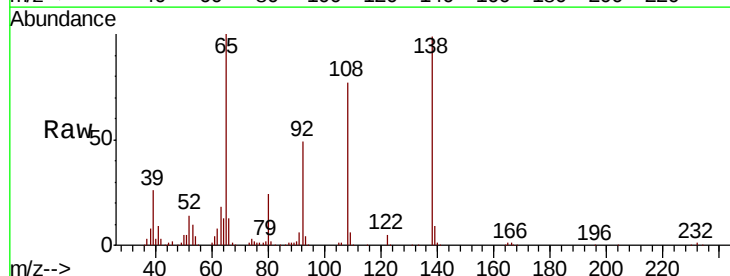


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

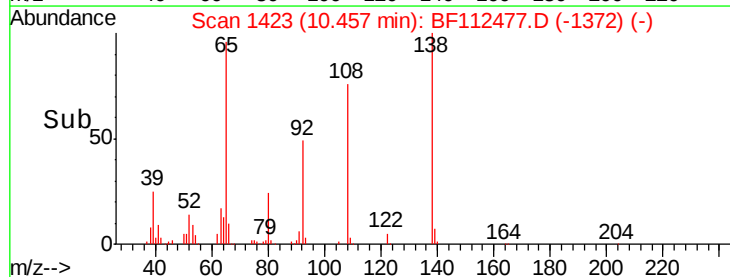
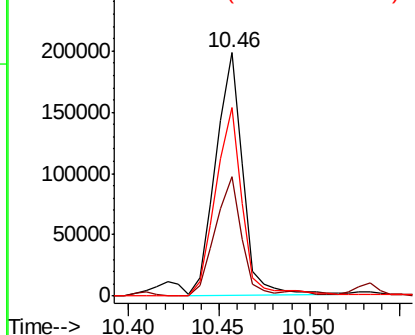


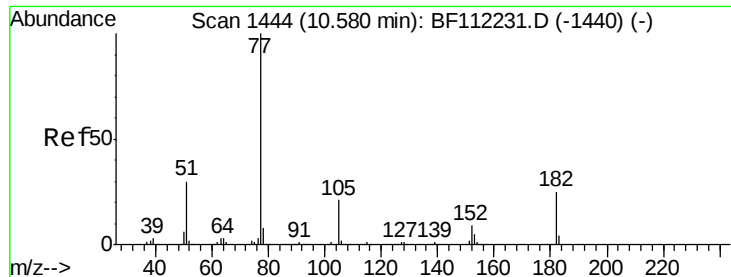
#62
4-Nitroaniline
Concen: 34.419 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:138 Resp: 204408
Ion Ratio Lower Upper
138 100
92 49.1 30.6 70.6
108 77.6 50.0 90.0



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

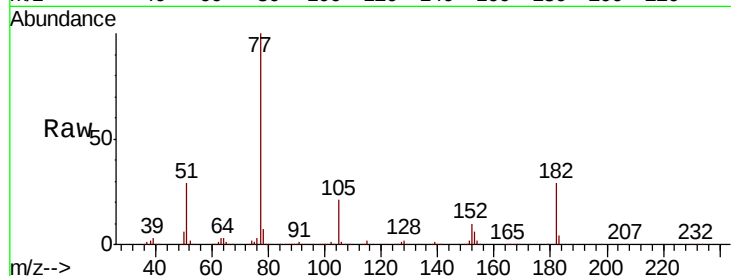




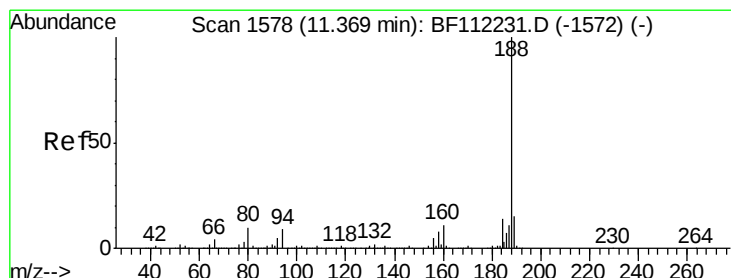
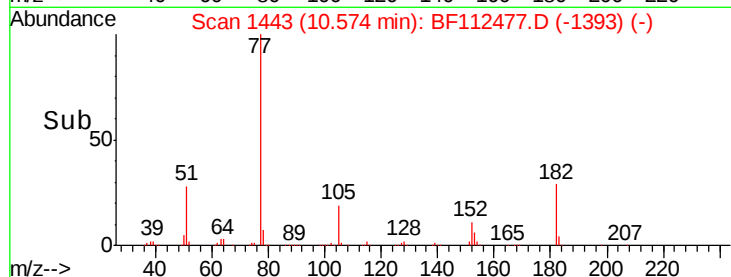
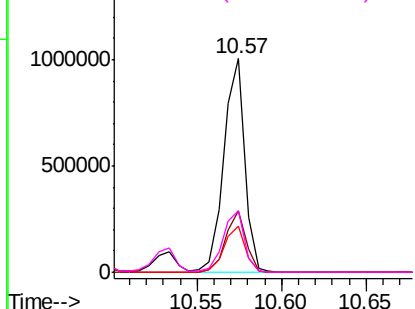
#63
Azobenzene
Concen: 39.539 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	861153
Ion	Ratio	Lower	Upper
77	100		
182	28.8	5.7	45.7
105	21.4	1.4	41.4
51	28.8	9.5	49.5

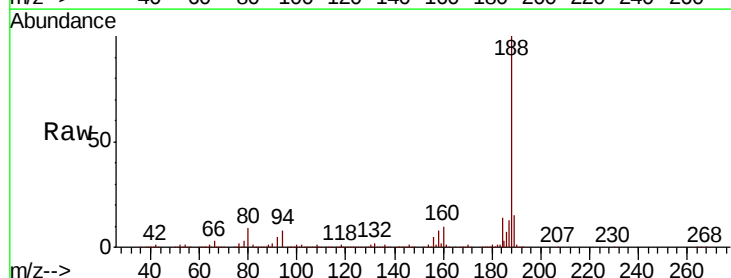


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

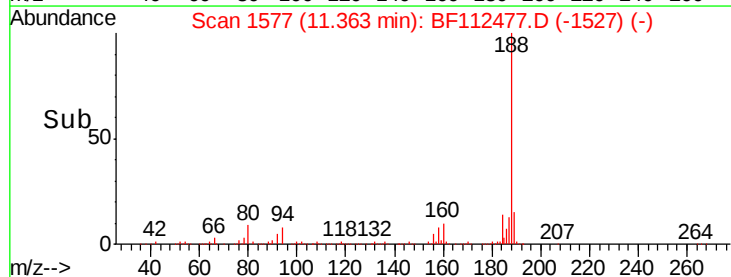
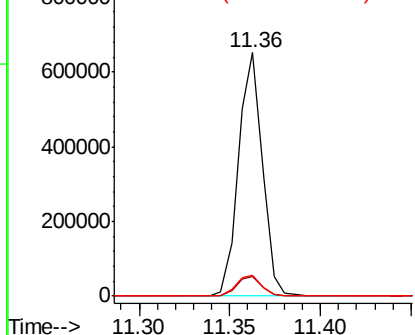


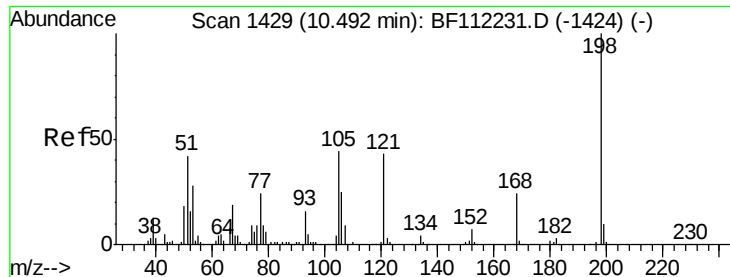
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:	188	Resp:	596562
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.6	8.9	13.3#



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

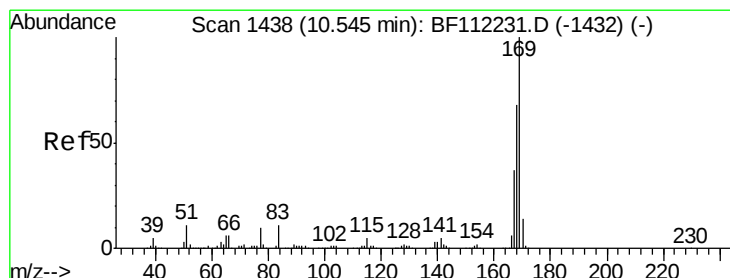
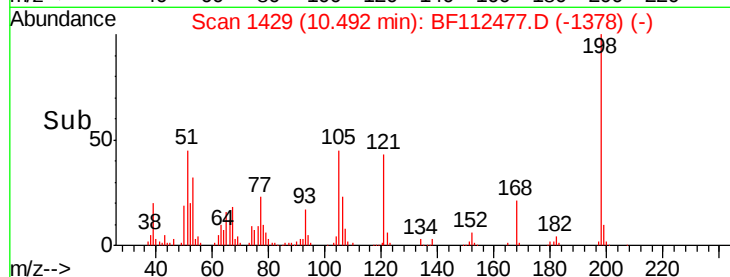
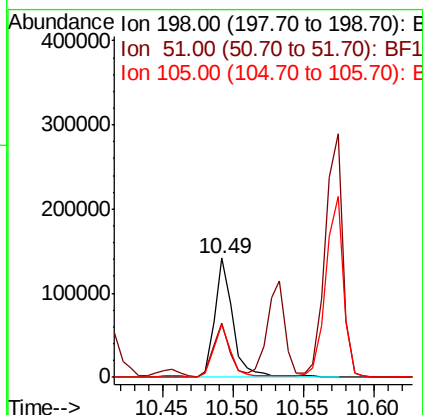
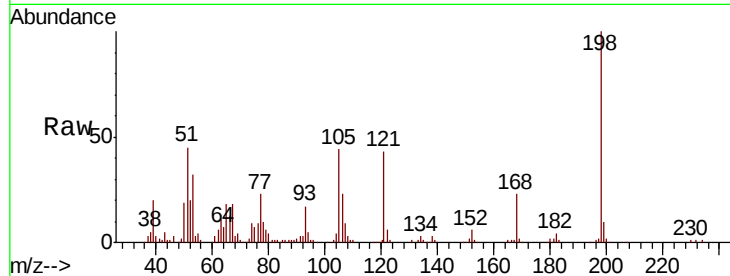




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.211 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

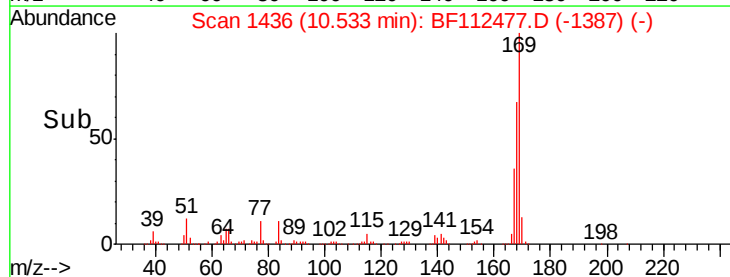
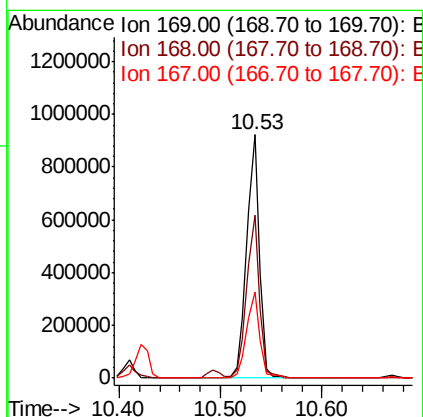
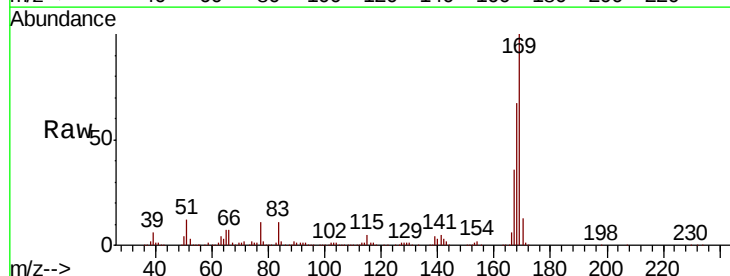
Instrument :
 BNA_F
 ClientSampled :

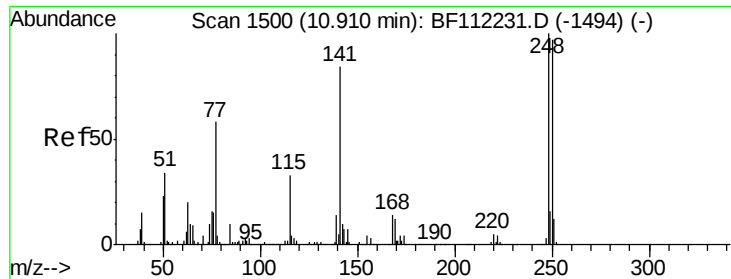
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.0	17.2	57.2
105	44.5	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.367 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.9	80.9
167	35.6	28.9	43.3

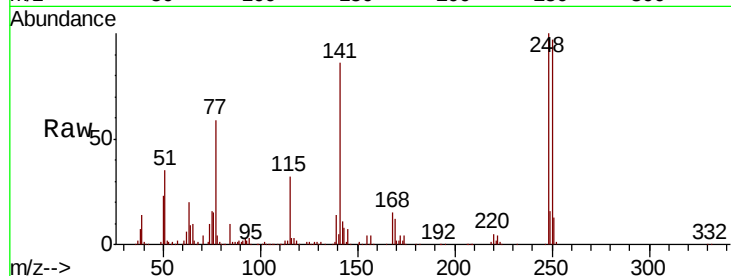




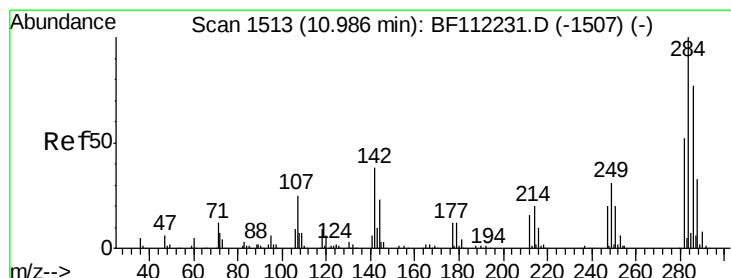
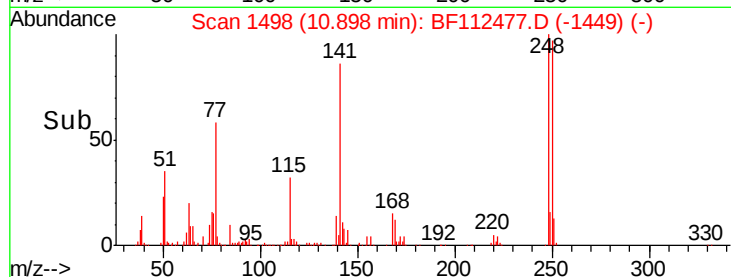
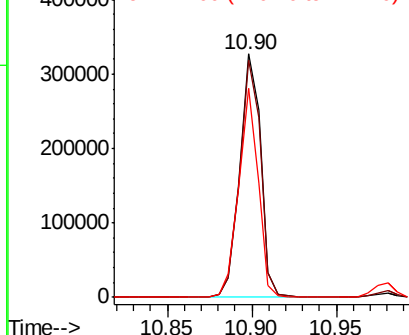
#67
4-Bromophenyl-phenylether
Concen: 40.091 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 281296
Ion Ratio Lower Upper
248 100
250 97.4 79.7 119.5
141 86.1 60.3 90.5

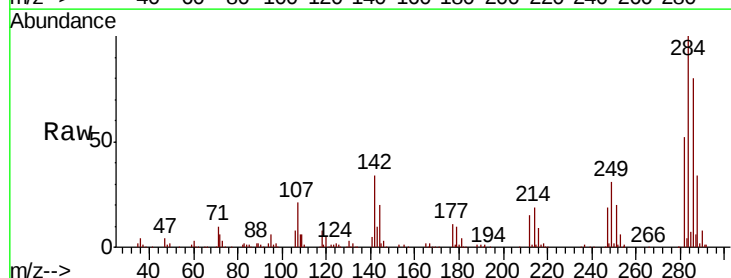


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

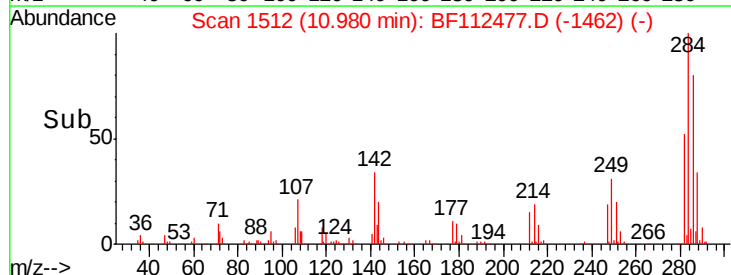
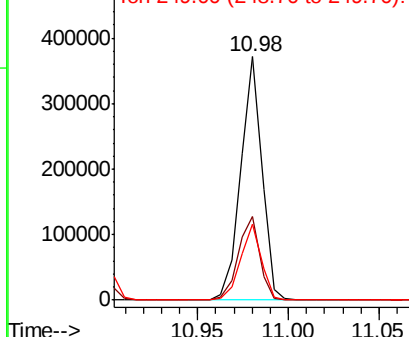


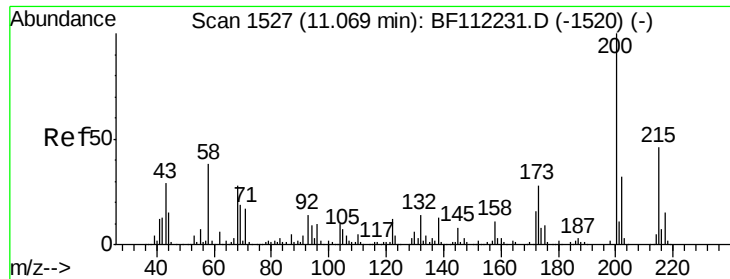
#68
Hexachlorobenzene
Concen: 40.113 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:284 Resp: 301962
Ion Ratio Lower Upper
284 100
142 34.5 27.6 41.4
249 31.4 24.1 36.1



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

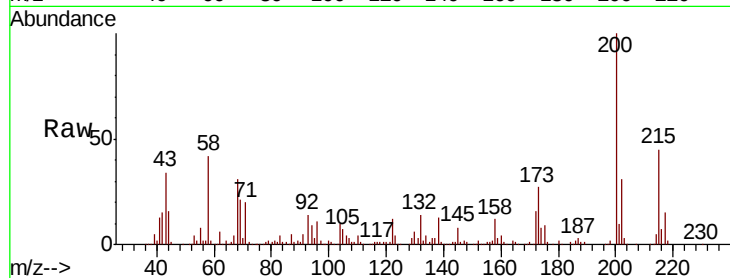




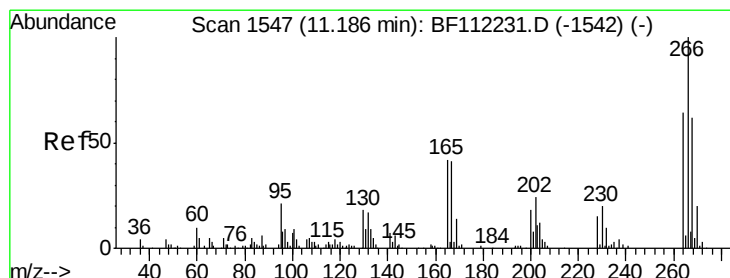
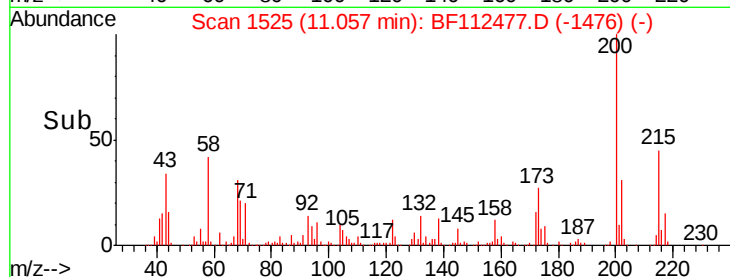
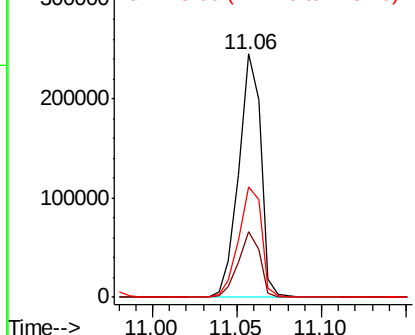
#69
Atrazine
Concen: 34.503 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 223841
Ion Ratio Lower Upper
200 100
173 26.8 7.1 47.1
215 45.4 30.4 70.4

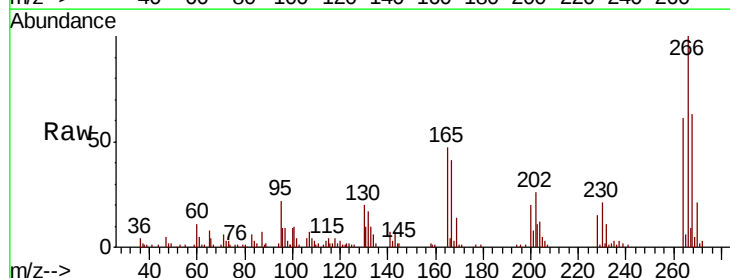


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

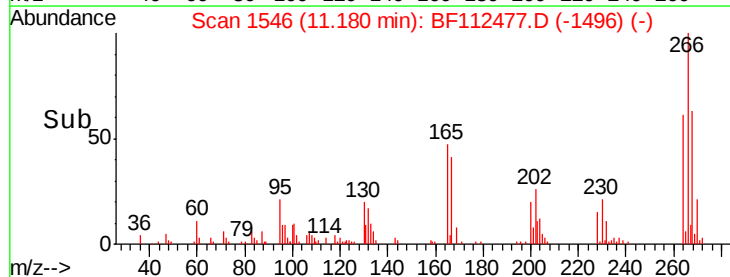
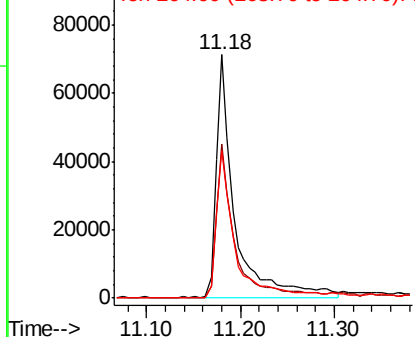


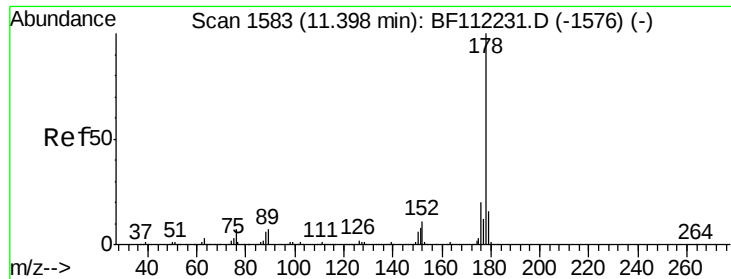
#70
Pentachlorophenol
Concen: 34.146 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:266 Resp: 100016
Ion Ratio Lower Upper
266 100
268 63.4 51.2 76.8
264 60.6 50.9 76.3



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

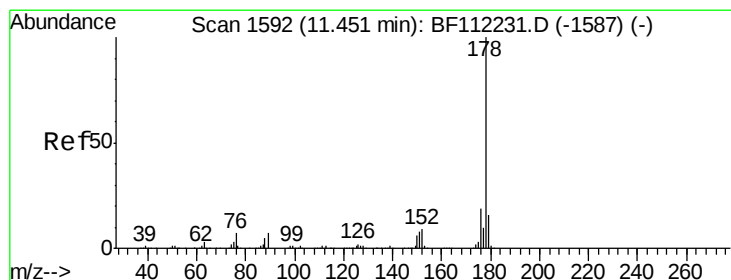
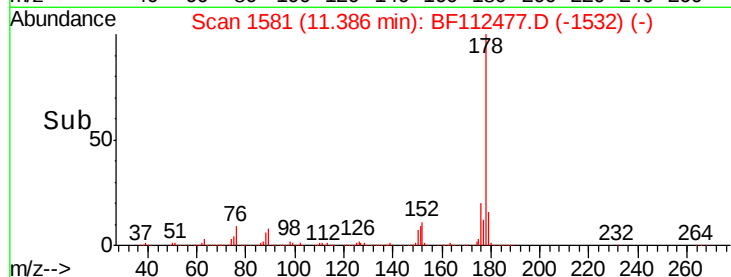
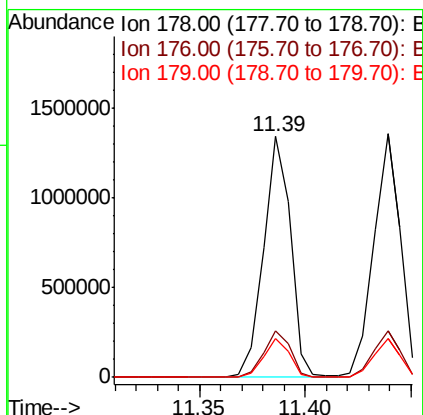
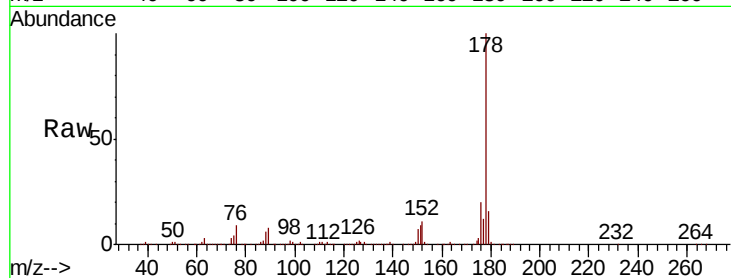




#71
Phenanthrene
Concen: 38.580 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

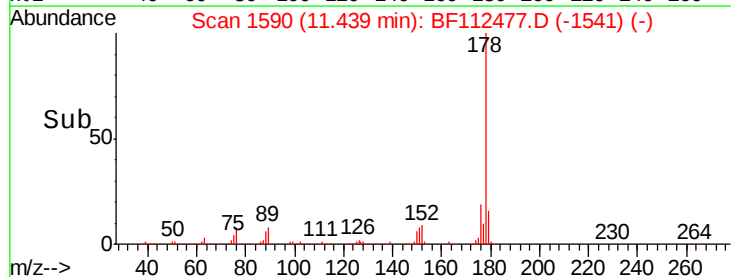
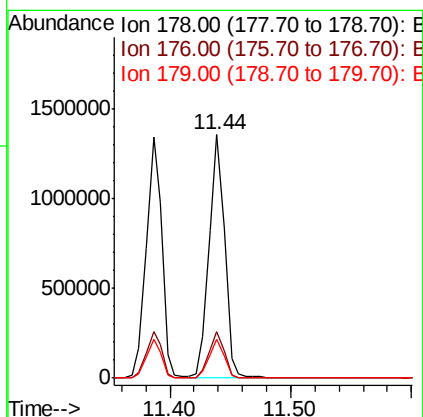
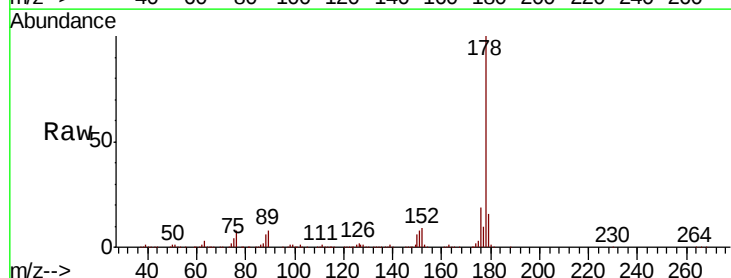
Instrument :
BNA_F
ClientSampleId :

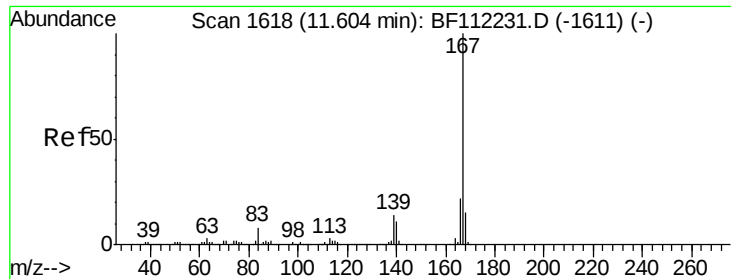
Tot Ion:178 Resp: 1196544
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 16.0 13.0 19.4



#72
Anthracene
Concen: 39.236 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:178 Resp: 1212158
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.7 12.8 19.2

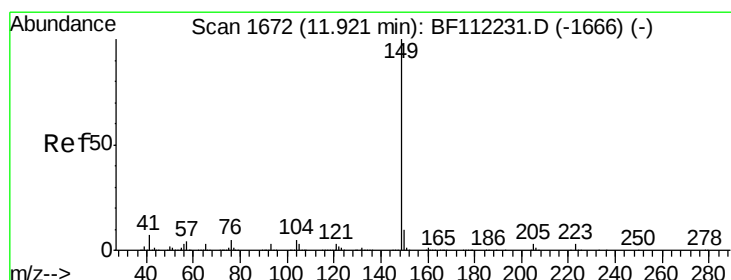
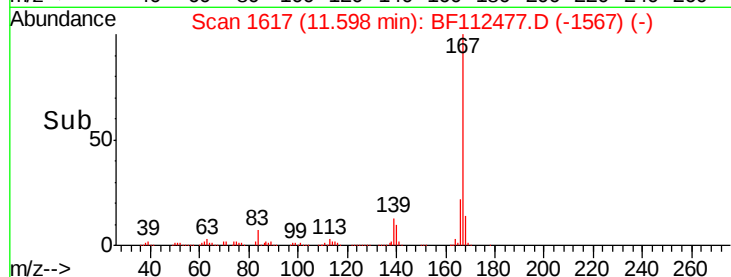
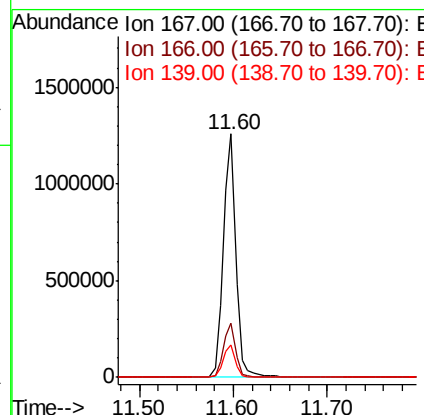
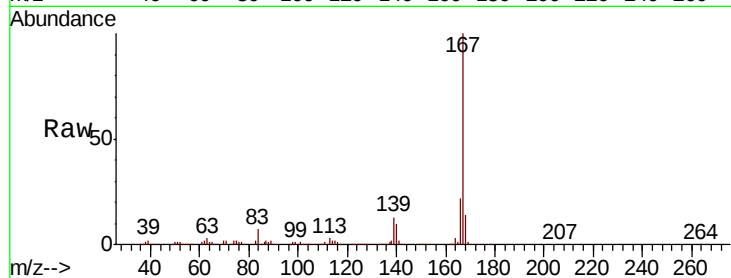




#73
 Carbazole
 Concen: 38.580 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

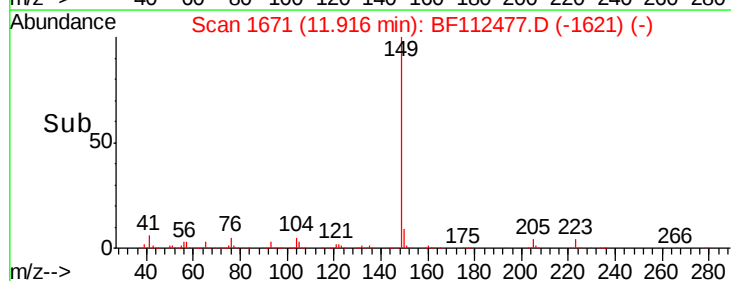
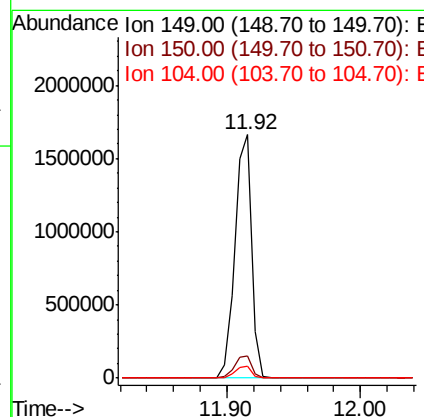
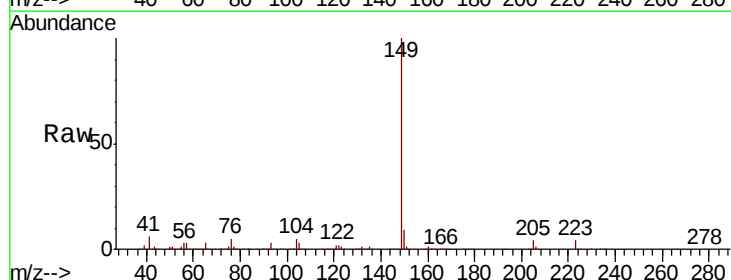
Instrument :
 BNA_F
 ClientSampleId :

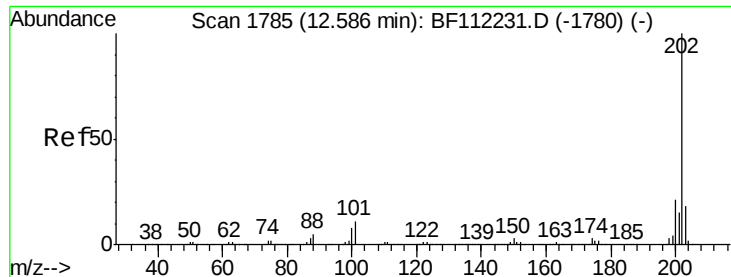
Tot Ion:167 Resp: 1175715
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 38.862 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion:149 Resp: 1470008
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.1 12.1
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 36.177 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

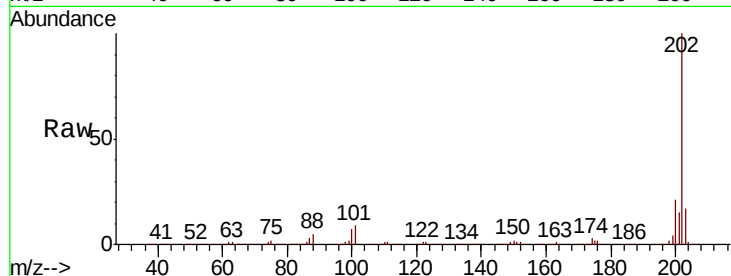
Tot Ion:202 Resp: 1203406

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.8

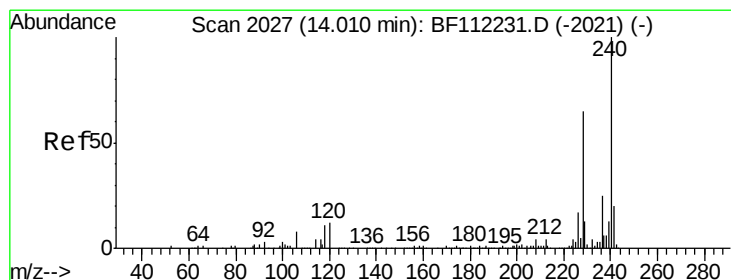
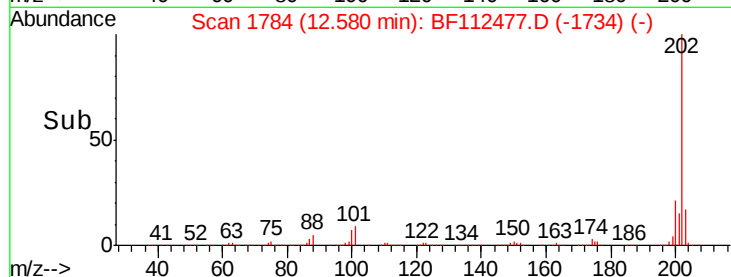
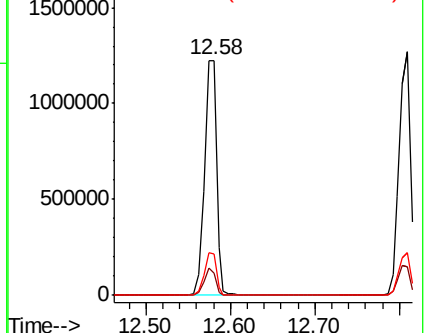
203 17.5 0.0 38.4



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

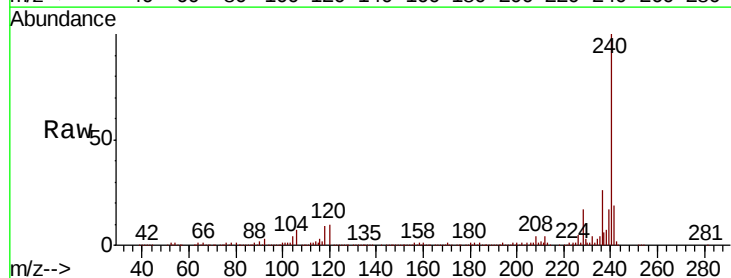
Tgt Ion:240 Resp: 413721

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

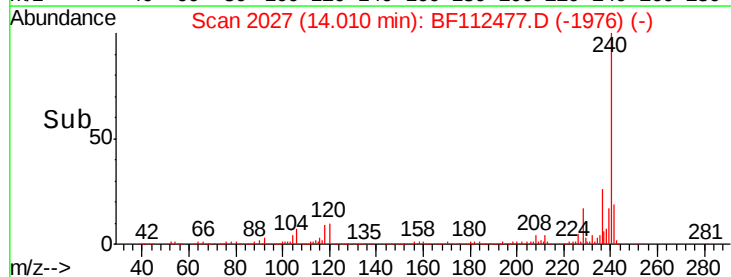
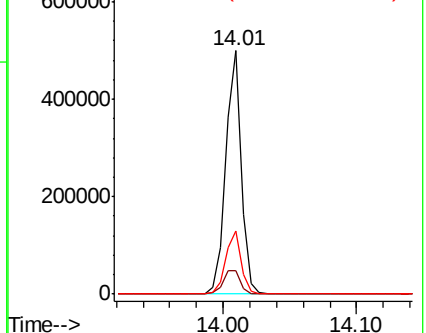
236 26.0 20.7 31.1

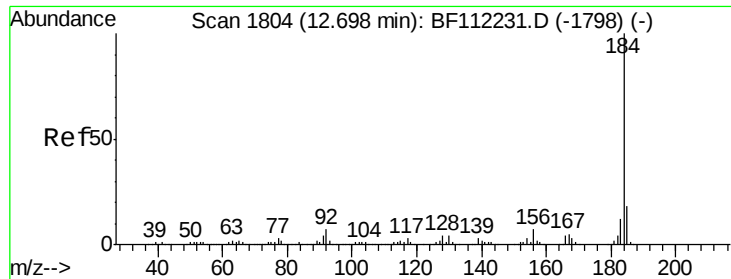


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.952 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

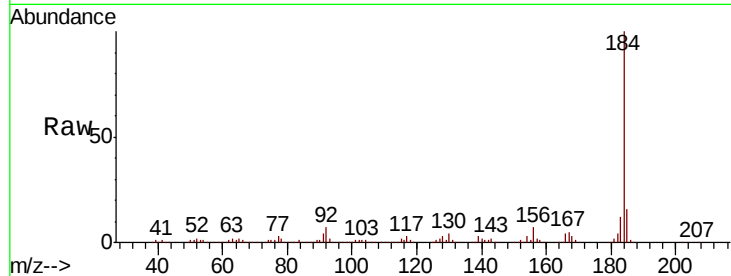
Tot Ion:184 Resp: 375226

Ion Ratio Lower Upper

184 100

185 15.7 13.9 20.9

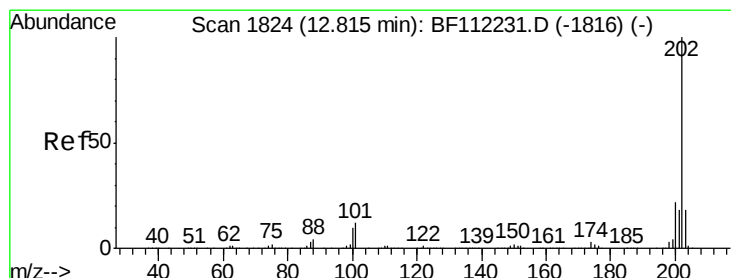
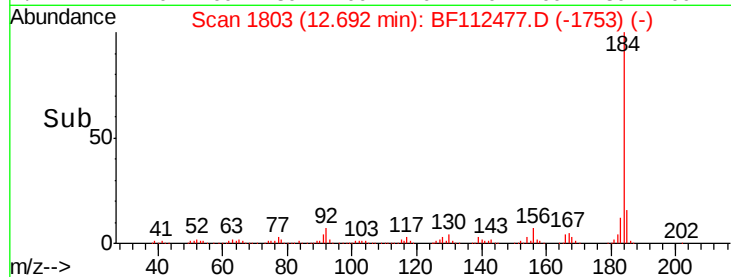
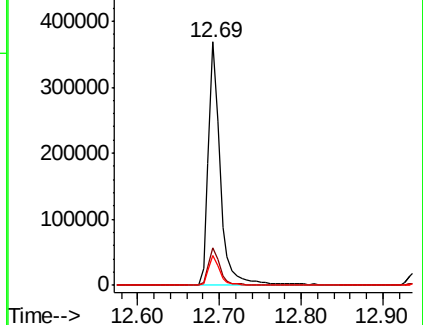
183 12.2 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.590 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

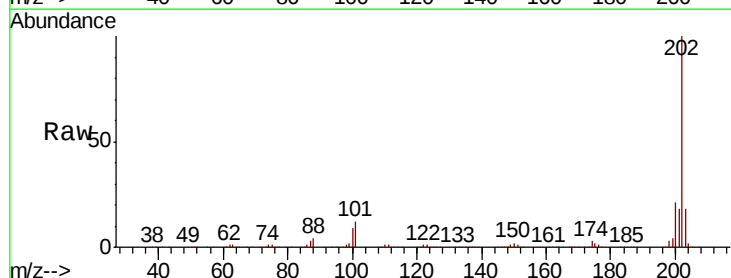
Tgt Ion:202 Resp: 1219946

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

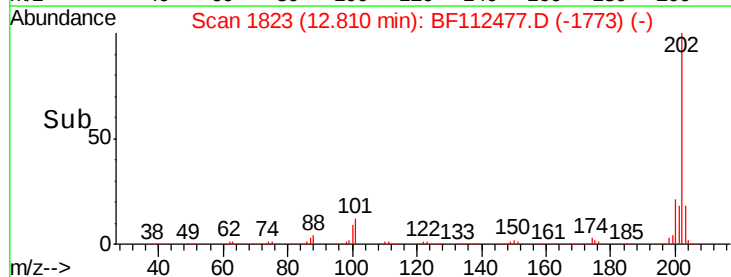
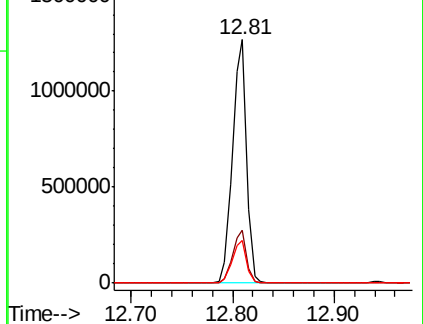
203 17.5 14.6 22.0

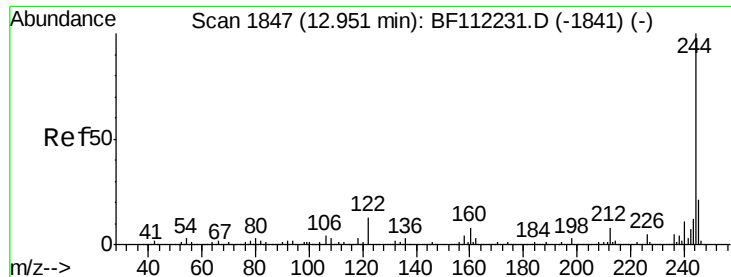


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

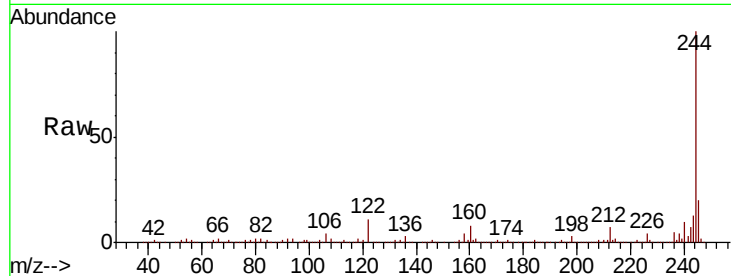




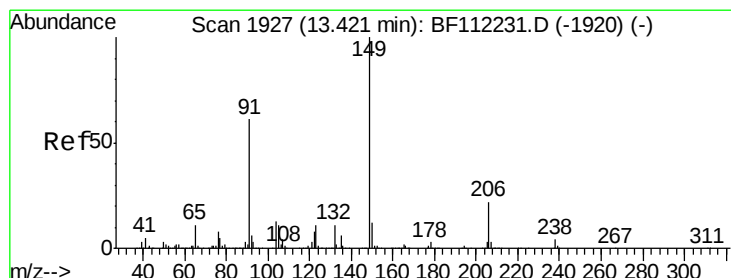
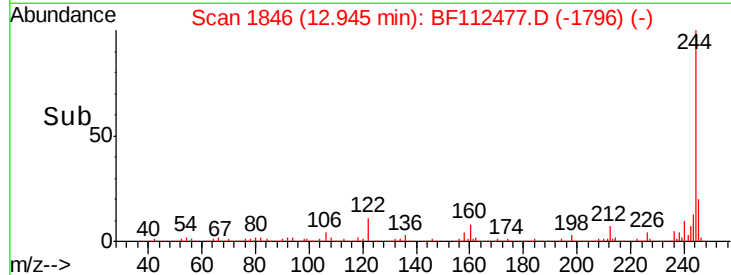
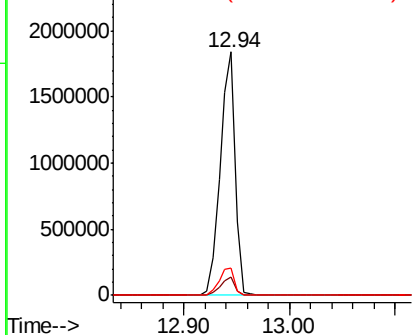
#79
 Terphenyl-d14
 Concen: 83.191 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1827398
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.1 9.8 14.6

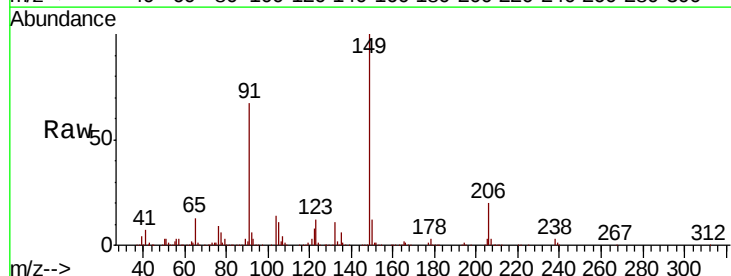


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

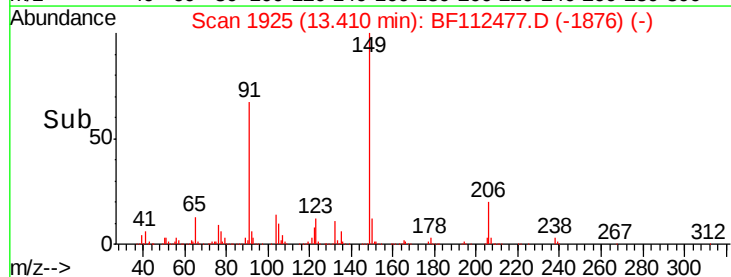
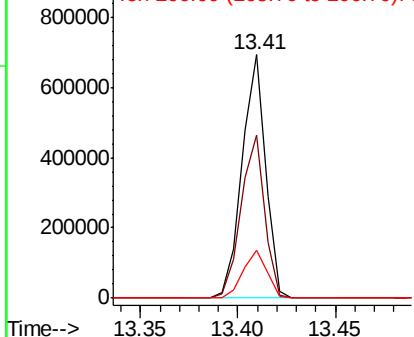


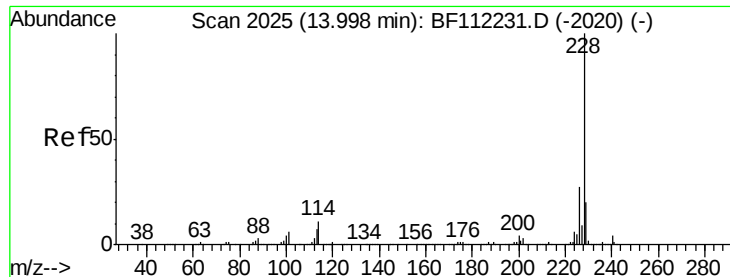
#80
 Butylbenzylphthalate
 Concen: 41.880 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion:149 Resp: 580384
 Ion Ratio Lower Upper
 149 100
 91 66.8 50.3 75.5
 206 19.6 18.2 27.4



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: 39.728 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

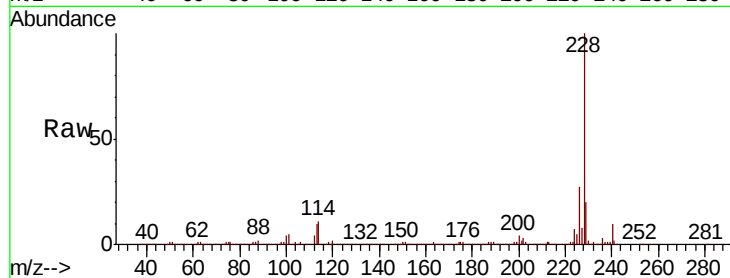
Tot Ion:228 Resp: 966211

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

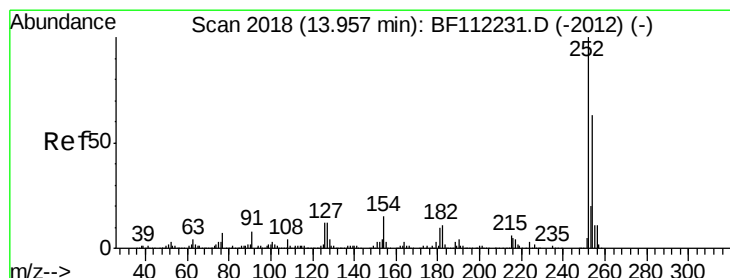
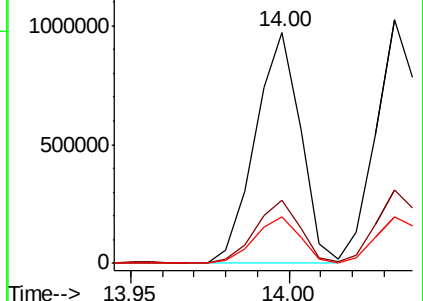
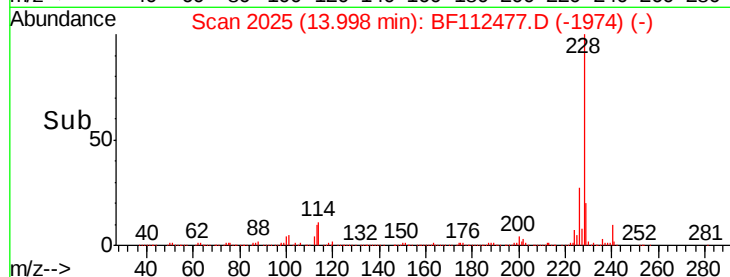
229 20.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.931 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

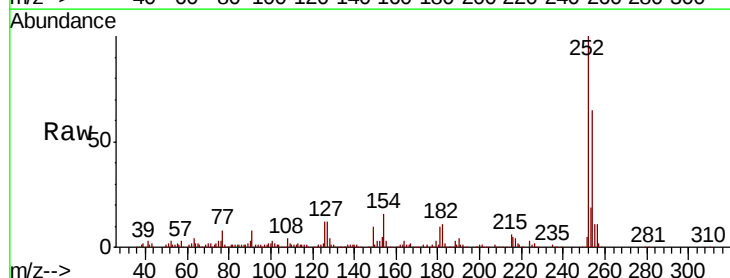
Tgt Ion:252 Resp: 354348

Ion Ratio Lower Upper

252 100

254 65.3 51.6 77.4

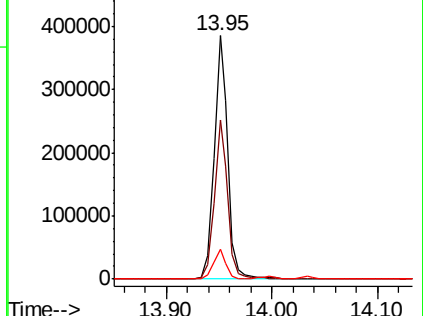
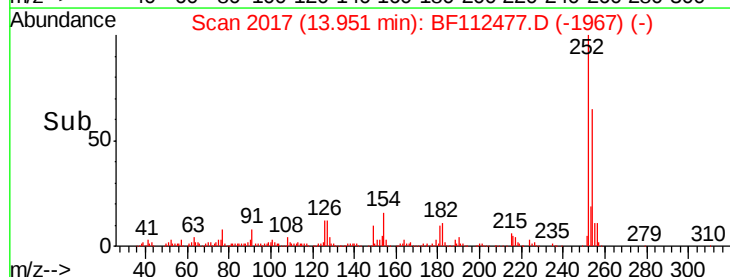
126 12.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

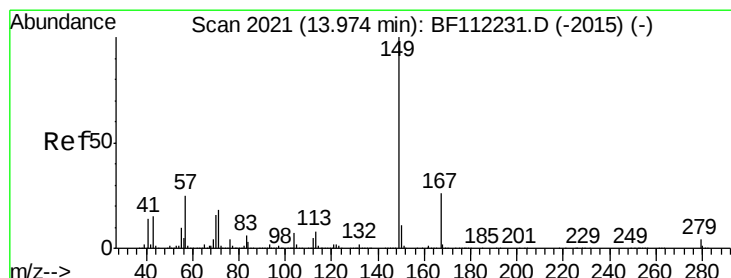
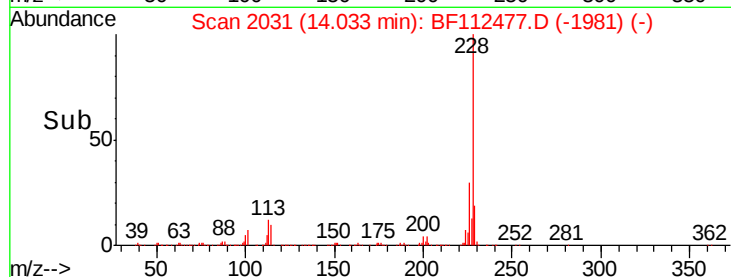
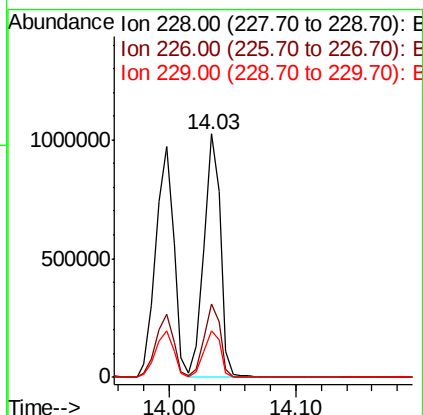
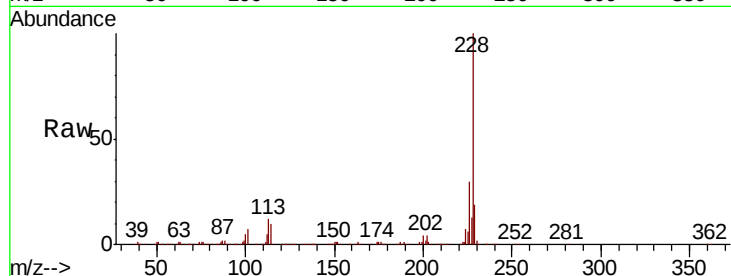




#83
 Chrvsene
 Concen: 39.940 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

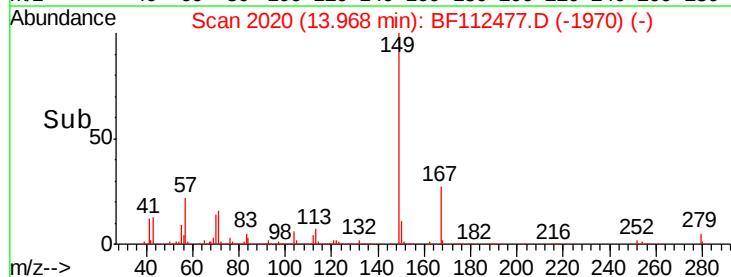
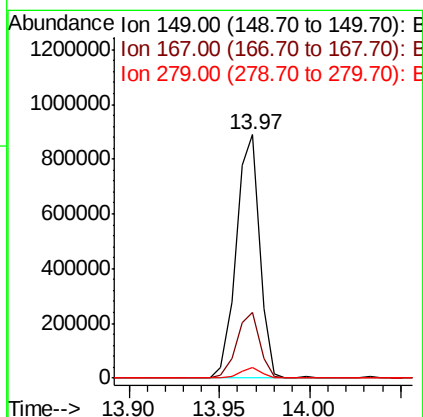
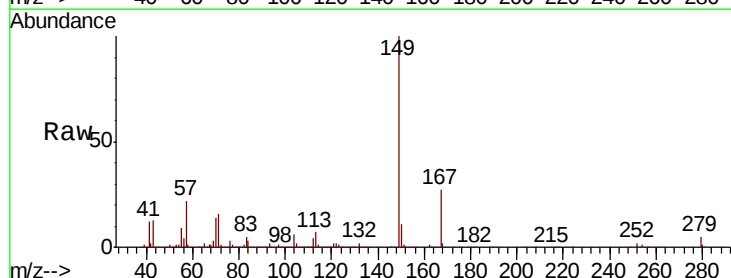
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.3	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.719 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112477.D
 Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	4.6	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 39.071 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

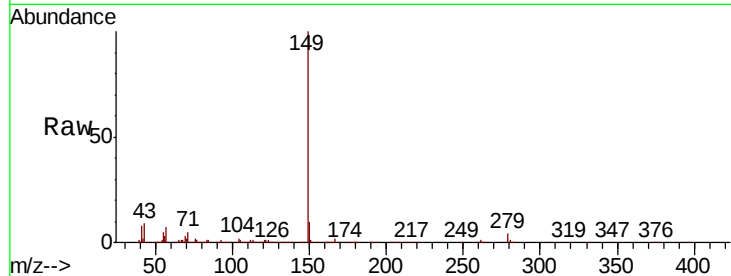
Tot Ion:149 Resp: 1182501

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

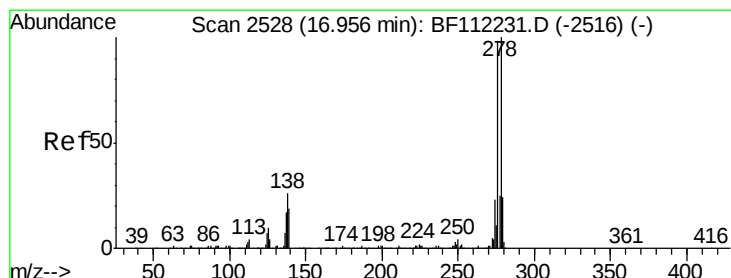
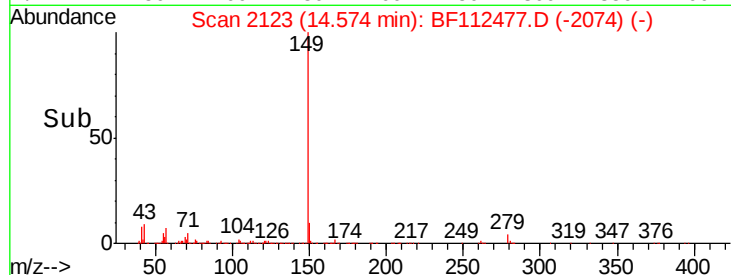
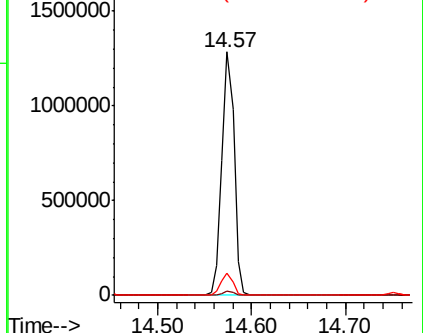
43 8.7 7.8 11.6



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: 40.475 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.02 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

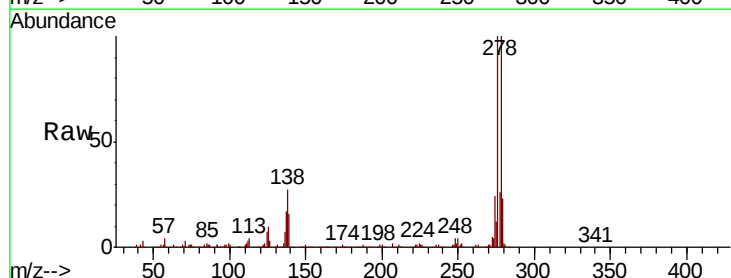
Tgt Ion:276 Resp: 744546

Ion Ratio Lower Upper

276 100

138 25.9 22.6 34.0

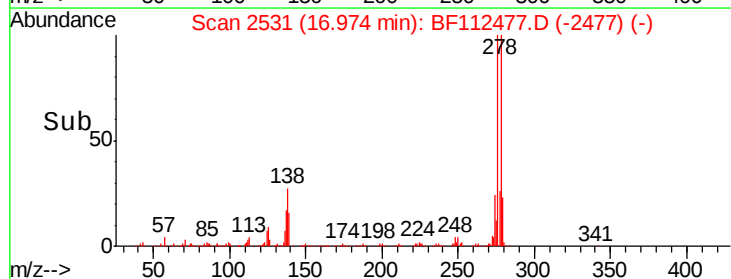
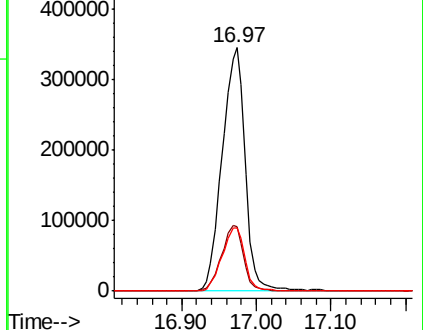
277 25.8 20.3 30.5

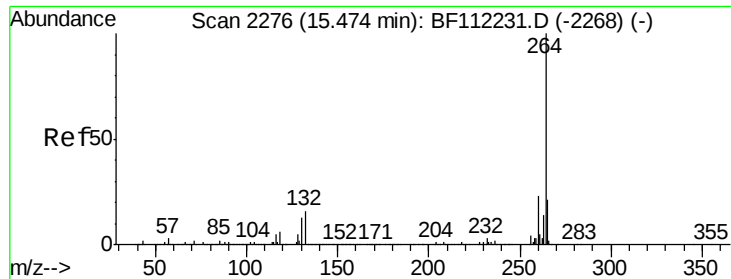


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

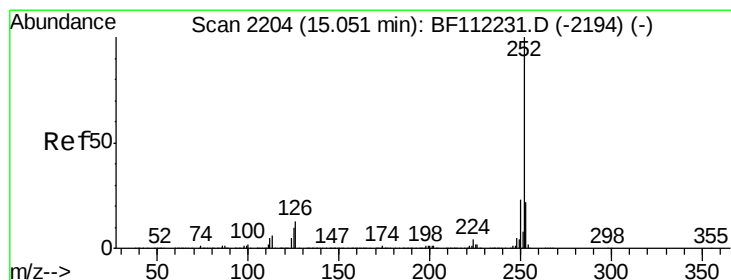
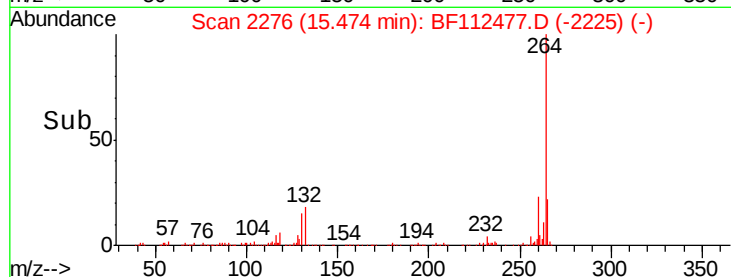
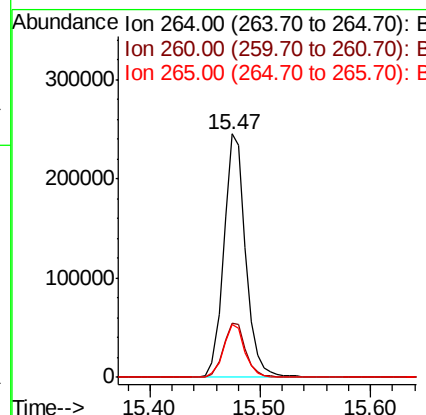
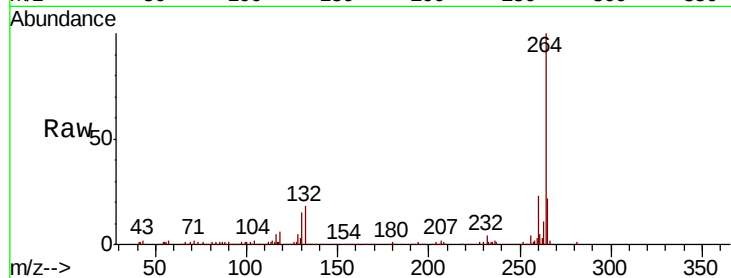




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

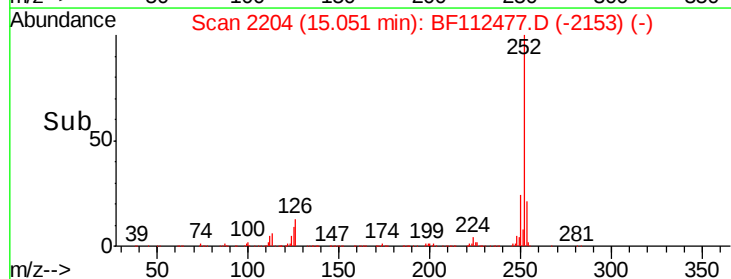
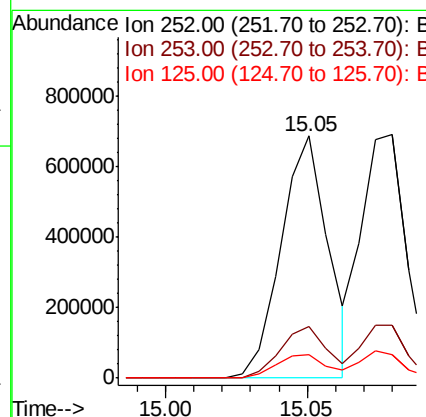
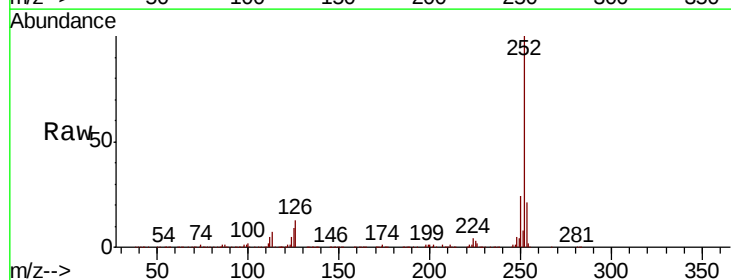
Instrument :
BNA_F
ClientSampleId :

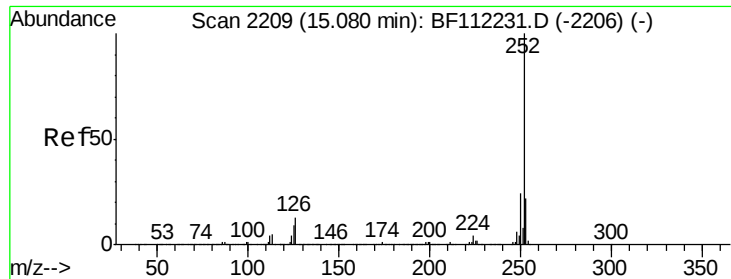
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.7	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 39.246 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.4	8.7	13.1

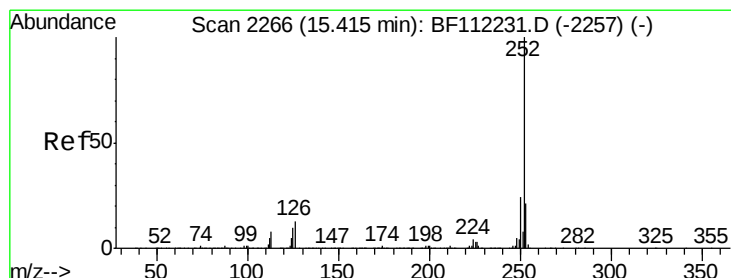
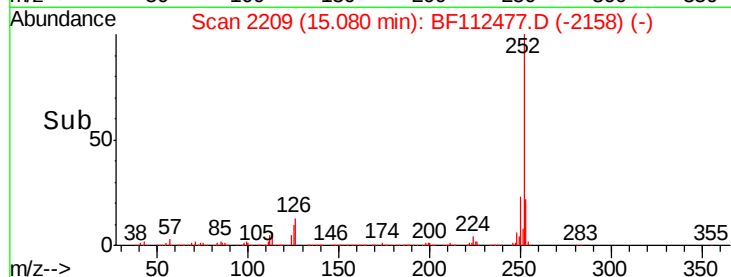
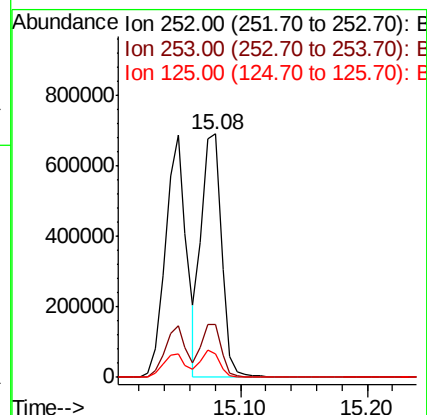
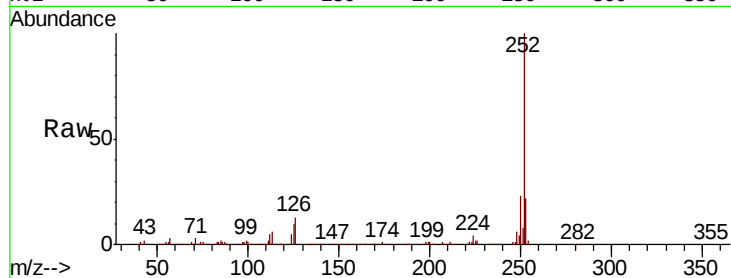




#89
Benzo(k)fluoranthene
Concen: 39.294 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

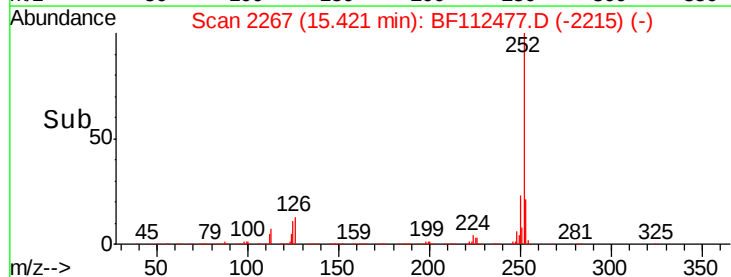
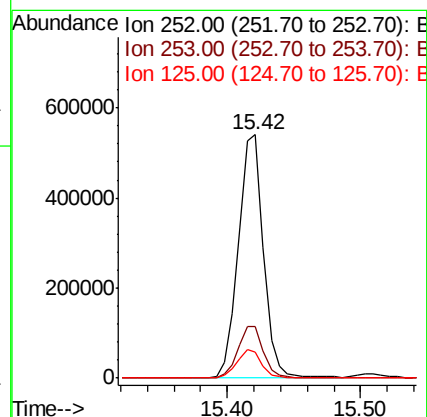
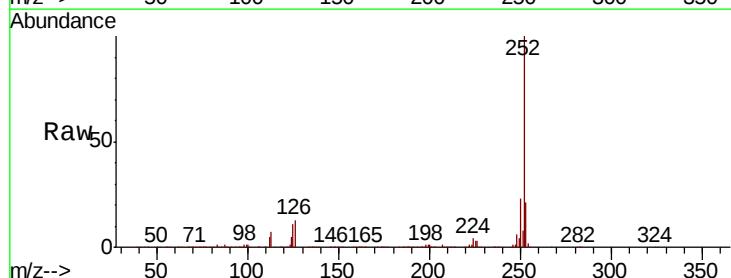
Instrument :
BNA_F
ClientSampleId :

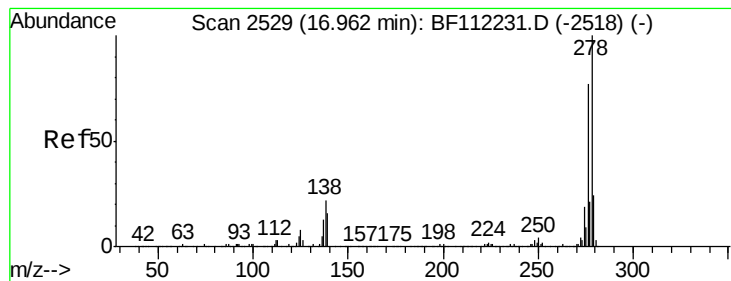
Tot Ion:252 Resp: 759297
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.265 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF112477.D
Acq: 11 Feb 2019 13:35

Tgt Ion:252 Resp: 712743
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 43.082 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

Instrument :

BNA_F

ClientSampleId :

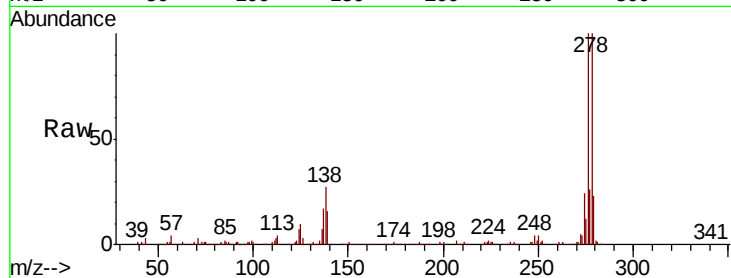
Tot Ion:278 Resp: 630279

Ion Ratio Lower Upper

278 100

139 15.6 13.7 20.5

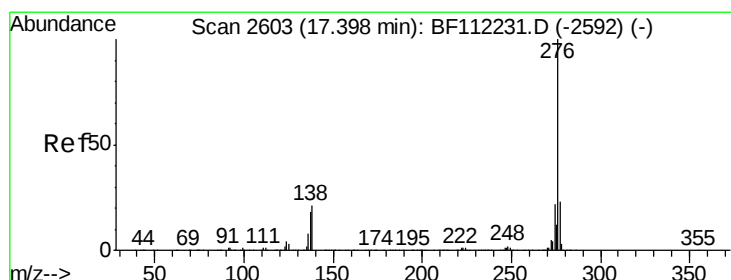
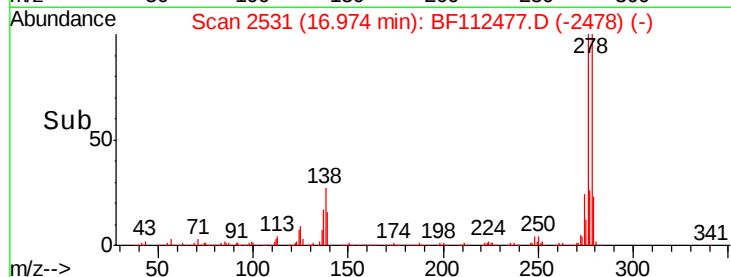
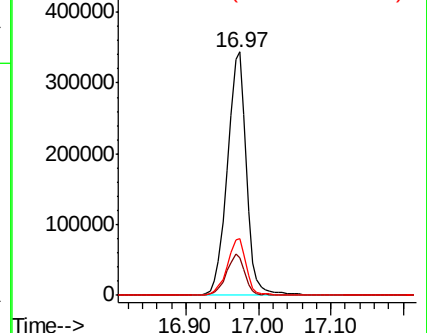
279 23.3 19.0 28.6



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: 44.936 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.02 min

Lab File: BF112477.D

Acq: 11 Feb 2019 13:35

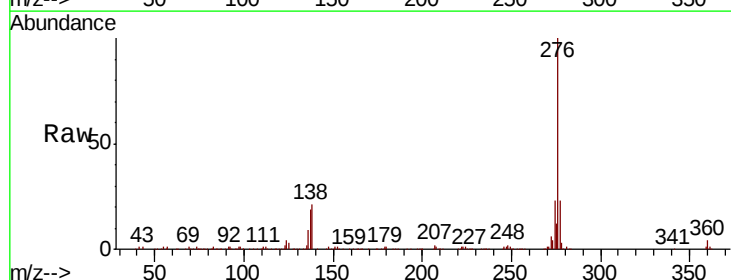
Tgt Ion:276 Resp: 620219

Ion Ratio Lower Upper

276 100

277 22.9 19.4 29.0

138 21.3 19.1 28.7



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

