

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112153.D
 Acq On : 21 Jan 2019 12:39
 Operator : JU/SJ
 Sample : K1205-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Quant Time: Jan 21 13:40:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	273802	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1067926	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	540552	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1019648	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	652859	20.00	ng	-0.02
87) Perylene-d12	15.49	264	627799	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1344508	89.13	ng	0.00
7) Phenol-d6	6.50	99	1687056	89.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	1064786	68.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	541815	92.91	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2173738	58.96	ng	0.00
79) Terphenyl-d14	12.96	244	2035868	66.34	ng	-0.01

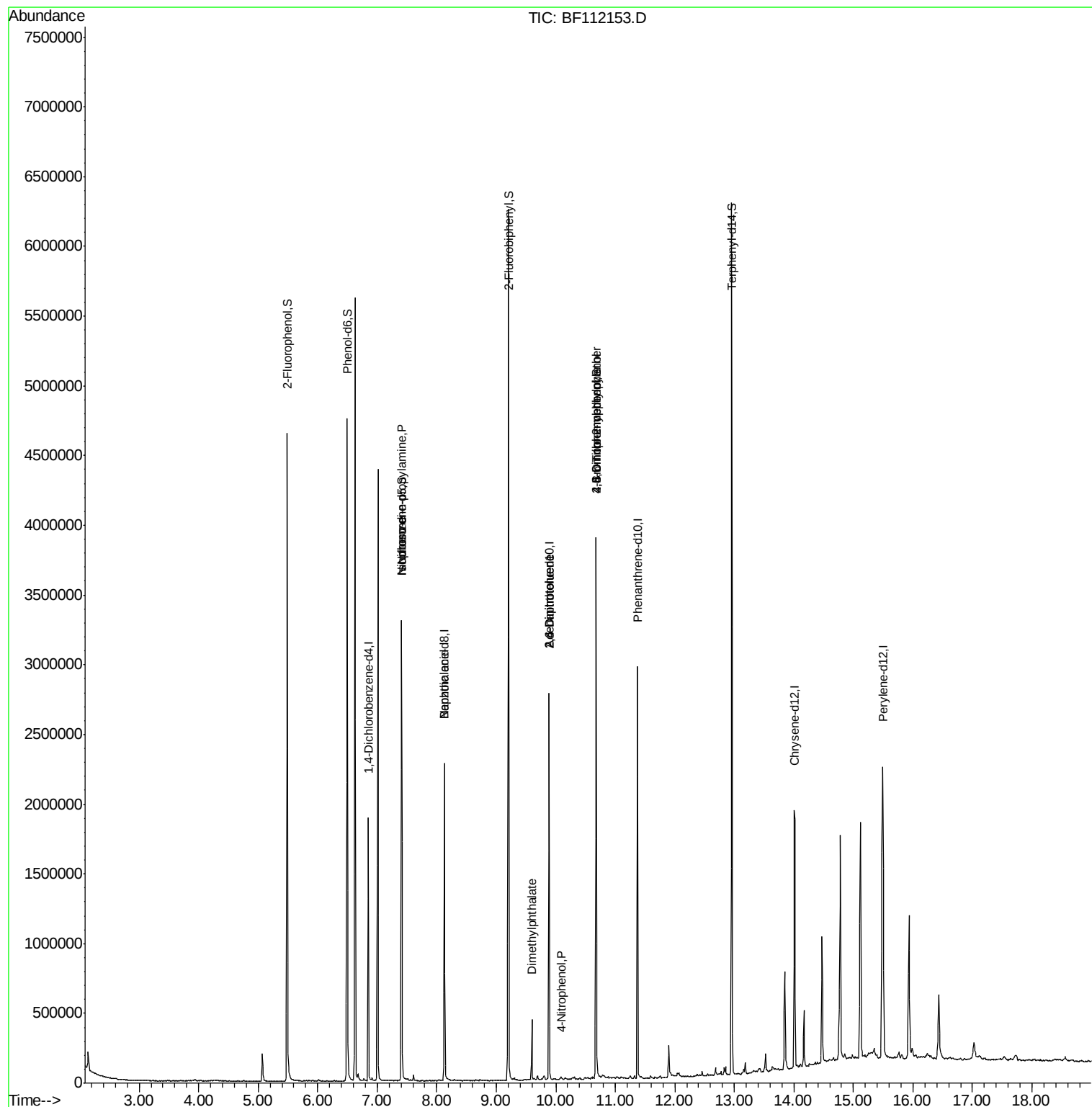
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2905	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.41	70	145797	12.680	ng	# 76
25) Isophorone	7.41	82	1057224	35.411	ng	# 64
32) Benzoic acid	8.13	122	145	7.193	ng	# 1
50) Dimethylphthalate	9.60	163	185078	4.695	ng	99
51) 2,6-Dinitrotoluene	9.89	165	71051	9.025	ng	# 34
56) 4-Nitrophenol	10.09	139	126	5.674	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	71051	10.941	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.68	198	1131	10.280	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	32367	2.733	ng	# 1

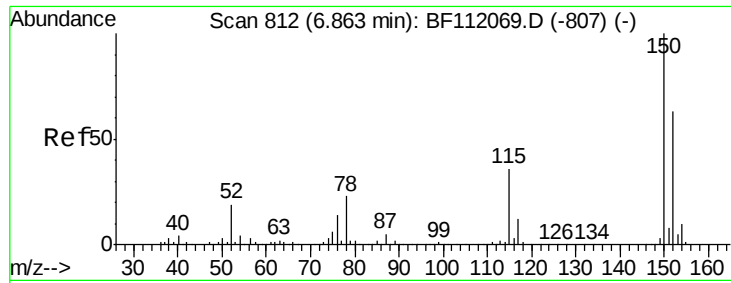
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112153.D
Acq On : 21 Jan 2019 12:39
Operator : JU/SJ
Sample : K1205-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-5

Quant Time: Jan 21 13:40:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



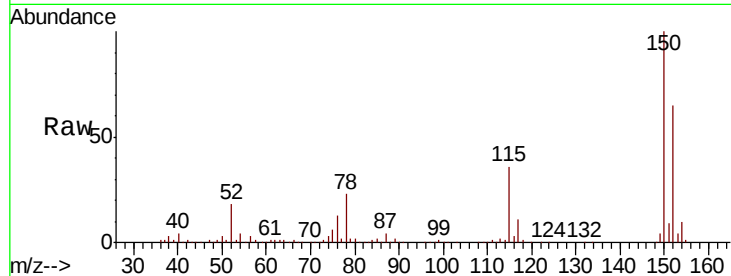


#1

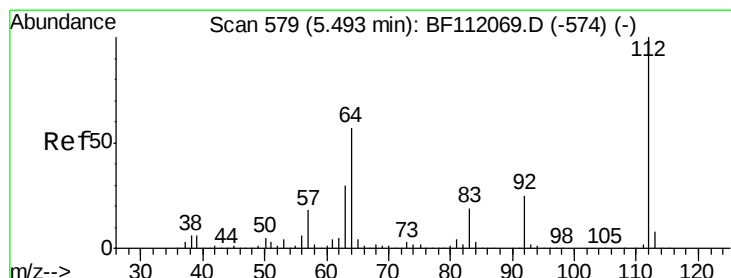
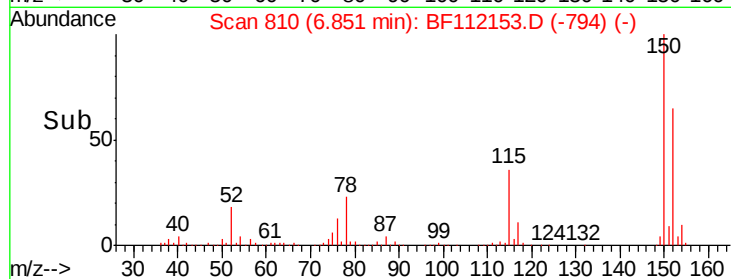
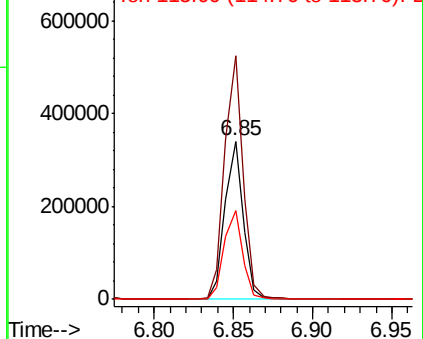
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112153.D
Acq: 21 Jan 2019 12:39

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion:152 Resp: 273802
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 56.0 45.5 68.3



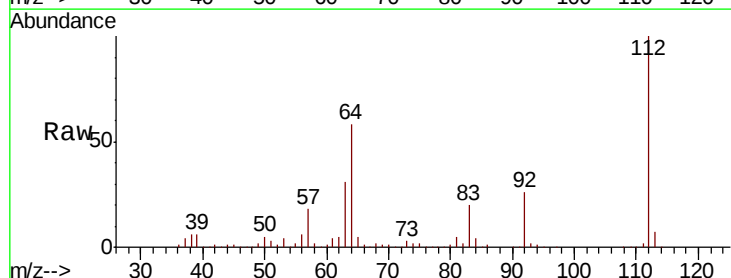
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



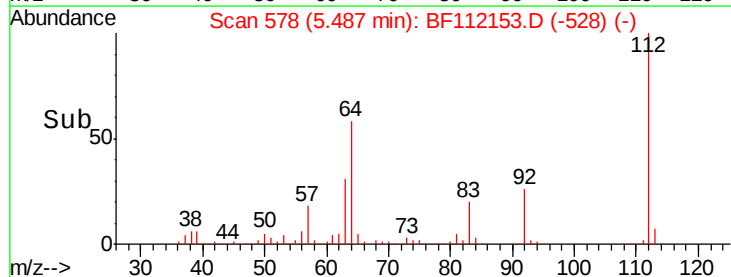
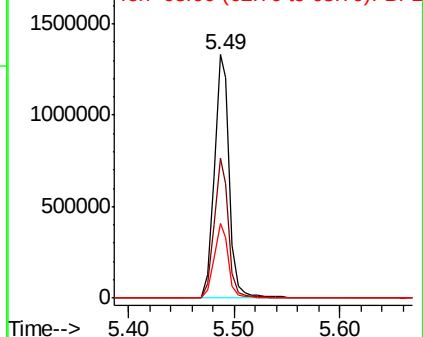
#5

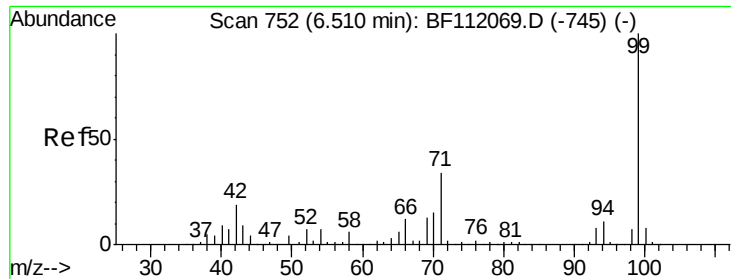
2-Fluorophenol
Concen: 89.128 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112153.D
Acq: 21 Jan 2019 12:39

Tgt Ion:112 Resp: 1344508
Ion Ratio Lower Upper
112 100
64 57.5 45.7 68.5
63 30.6 23.6 35.4



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





#7

Phenol-d6

Concen: 89.386 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

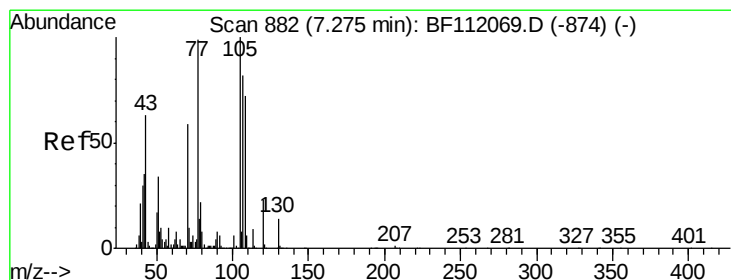
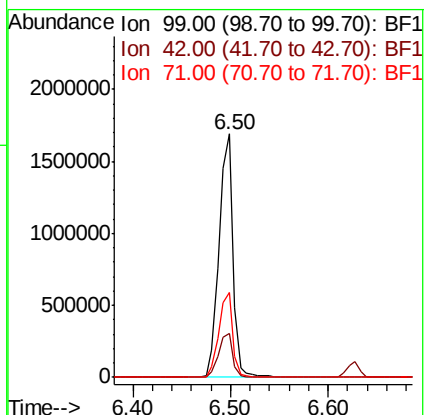
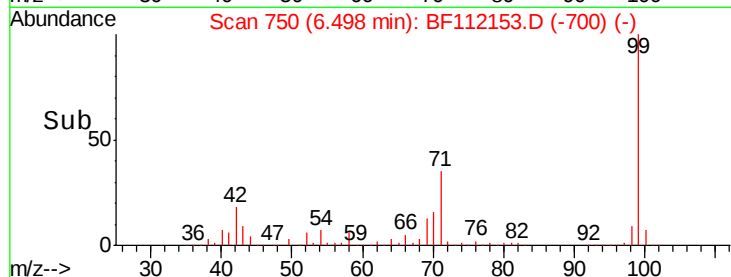
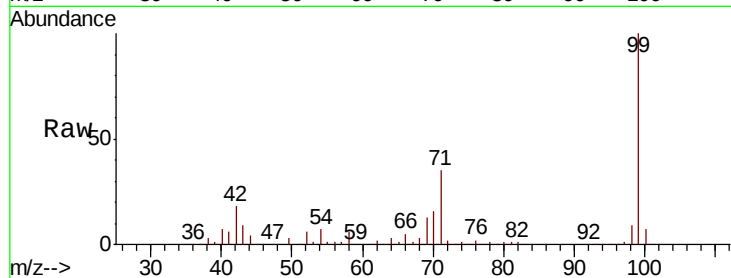
BNA_F

ClientSampled :

C-5

Tot Ion: 99 Resp: 1687056

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	35.1	26.9	40.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.680 ng

RT: 7.41 min Scan# 905

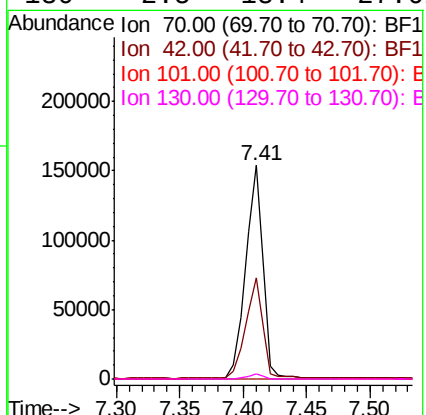
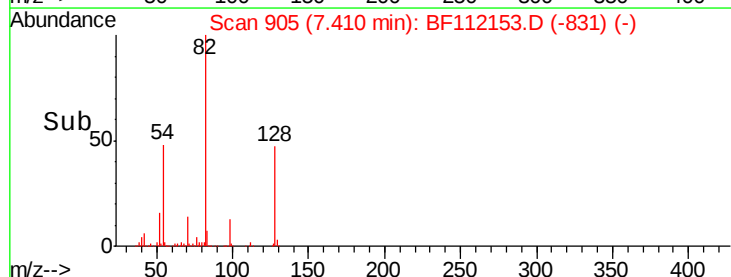
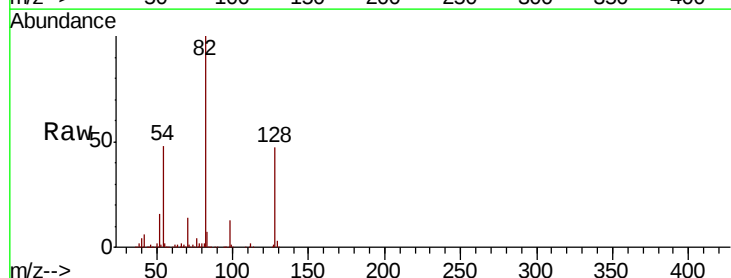
Delta R.T. 0.14 min

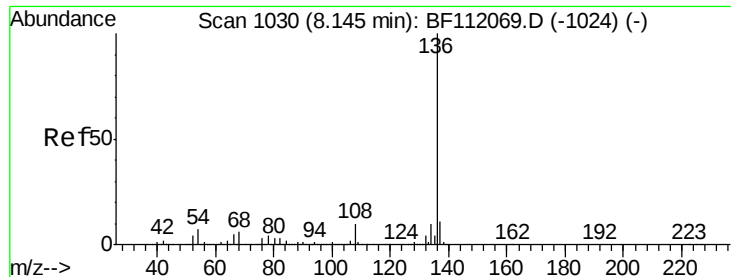
Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Tgt Ion: 70 Resp: 145797

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.6	71.4#
101	0.0	7.9	11.9#
130	2.5	18.4	27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

BNA_F

ClientSampleId :

C-5

Tot Ion:136 Resp: 1067926

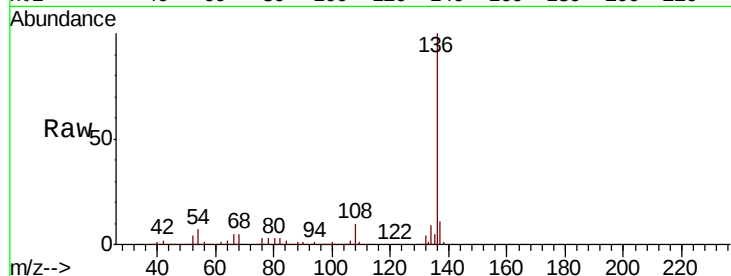
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 5.9 8.9

68 5.3 5.1 7.7

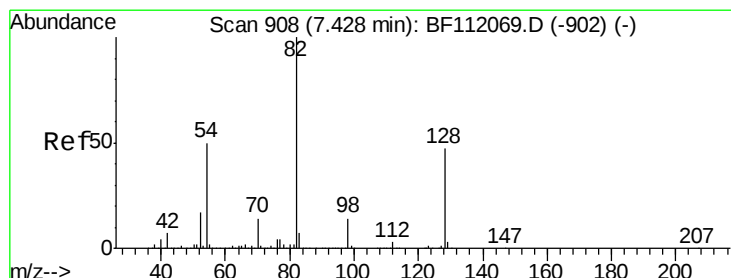
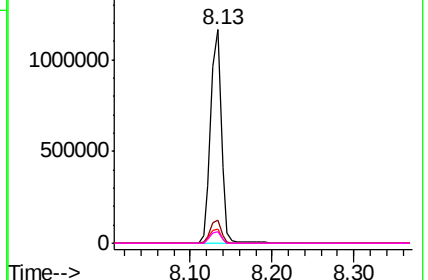
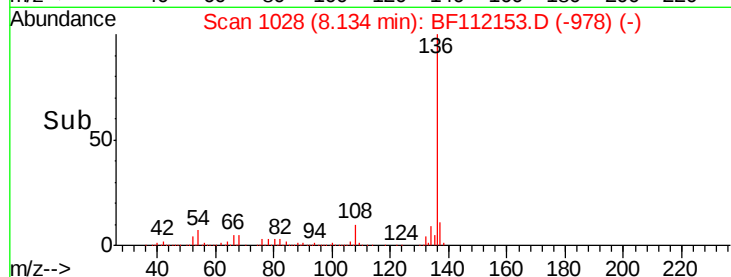


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 68.886 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

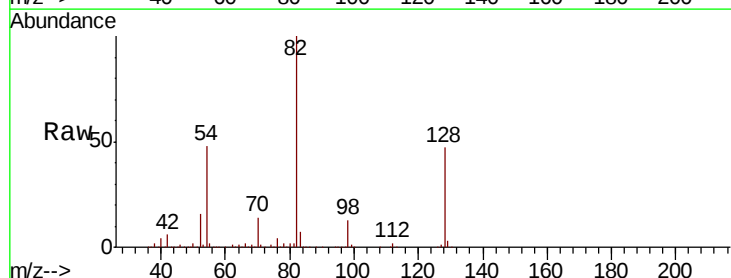
Tgt Ion: 82 Resp: 1064786

Ion Ratio Lower Upper

82 100

128 47.1 37.8 56.8

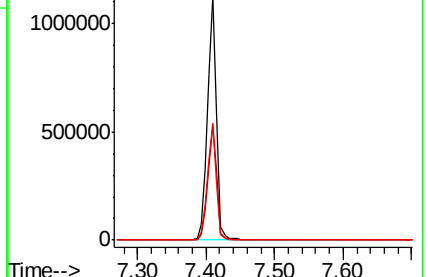
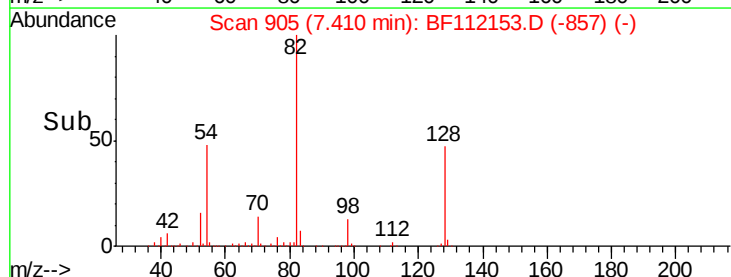
54 47.8 39.7 59.5

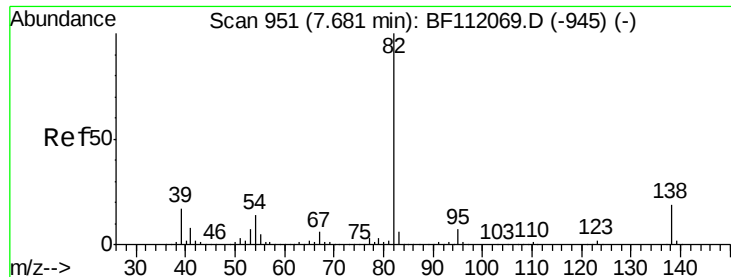


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.411 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

BNA_F

ClientSampleId :

C-5

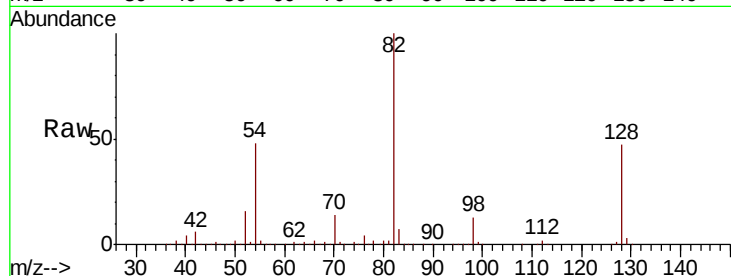
Tot Ion: 82 Resp: 1057224

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

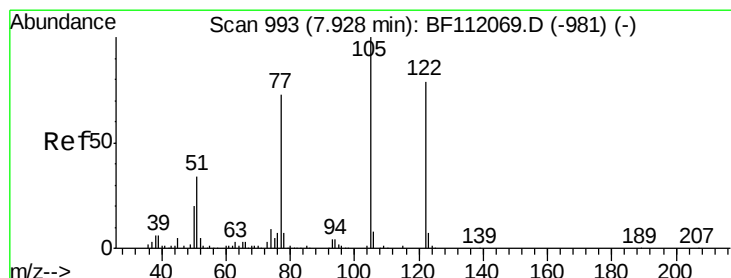
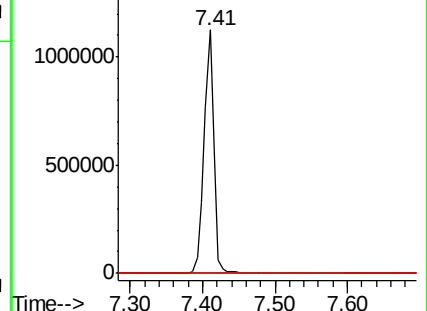
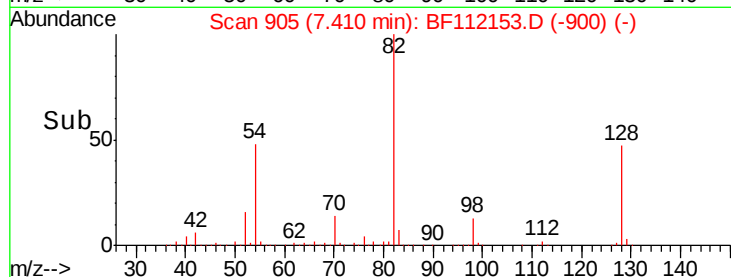
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.193 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.19 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

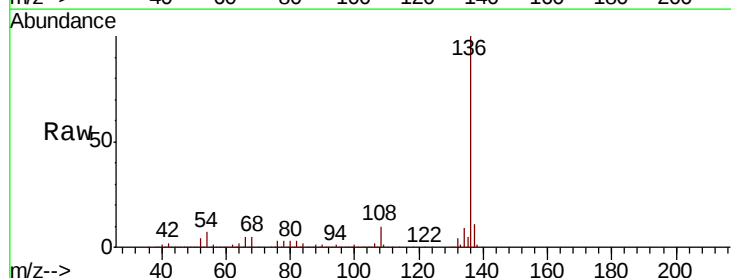
Tgt Ion: 122 Resp: 145

Ion Ratio Lower Upper

122 100

105 261.2 101.2 141.2#

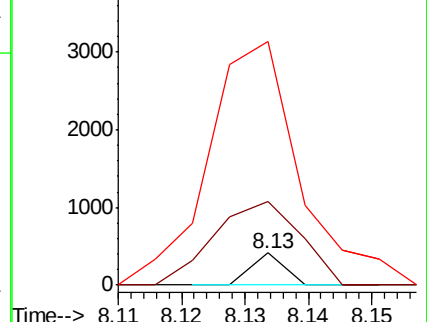
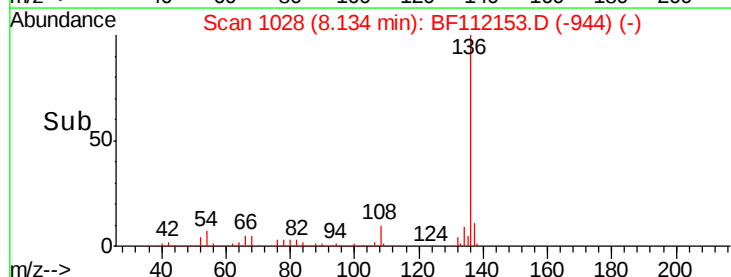
77 764.4 70.4 110.4#

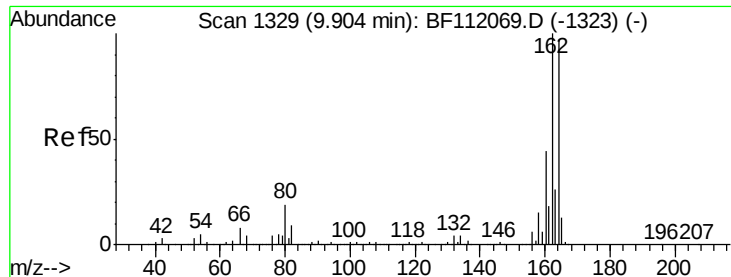


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

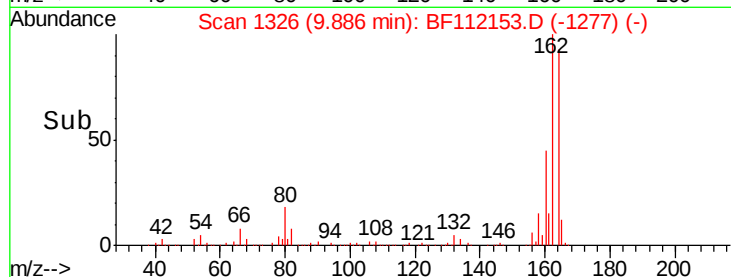
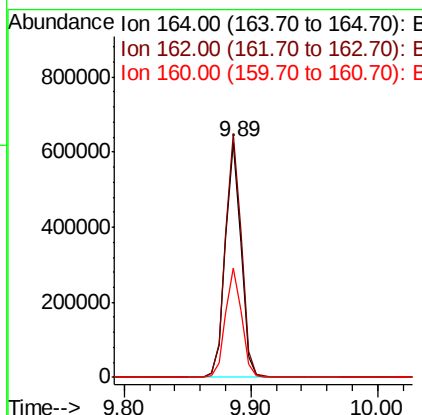
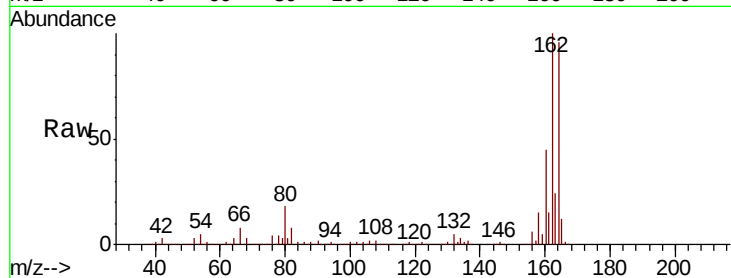




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

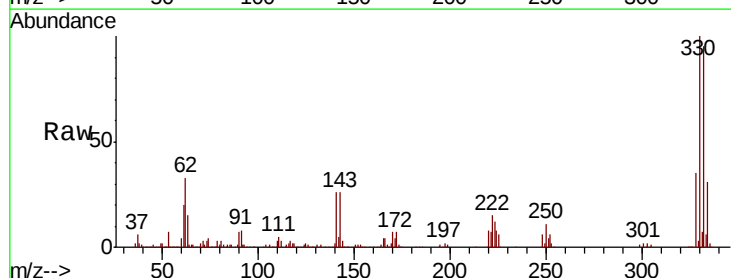
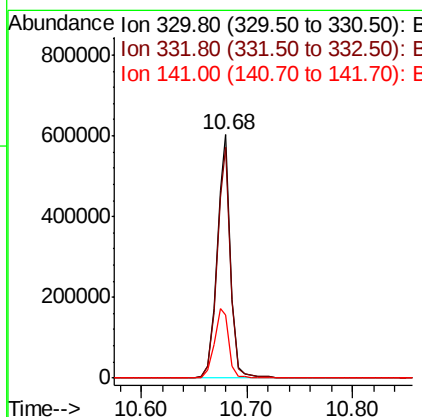
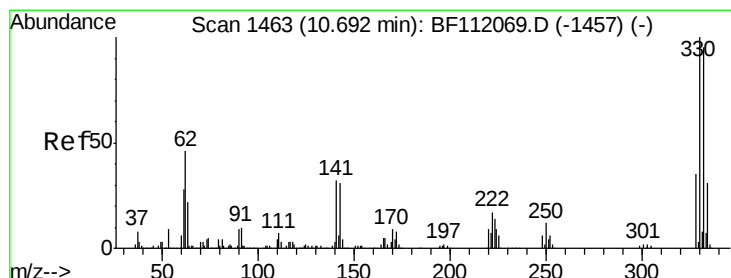
Instrument :
 BNA_F
 ClientSampleId :
 C-5

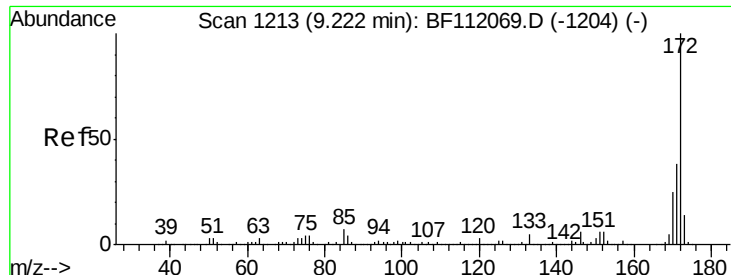
Tot Ion:164 Resp: 540552
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.4
 160 46.7 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 92.914 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Tgt Ion:330 Resp: 541815
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 31.3 24.3 36.5



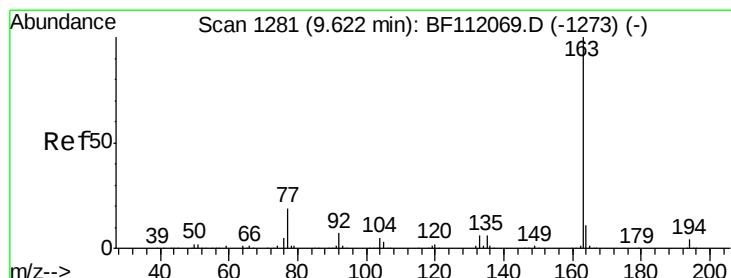
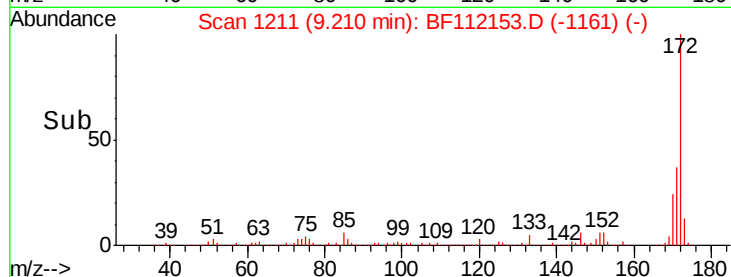
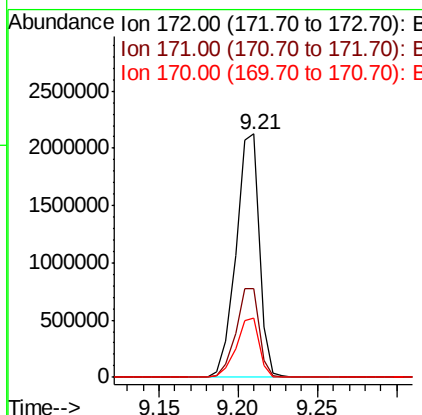
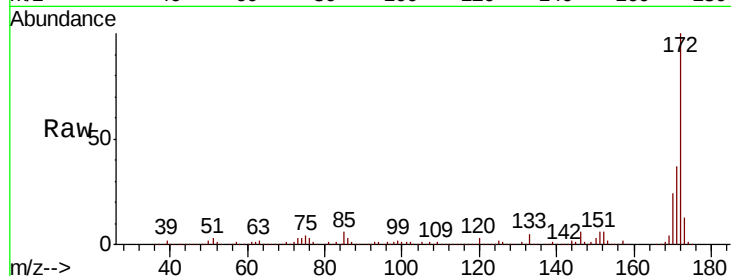


#45
 2-Fluorobiphenyl
 Concen: 58.957 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Tot Ion:172 Resp: 2173738

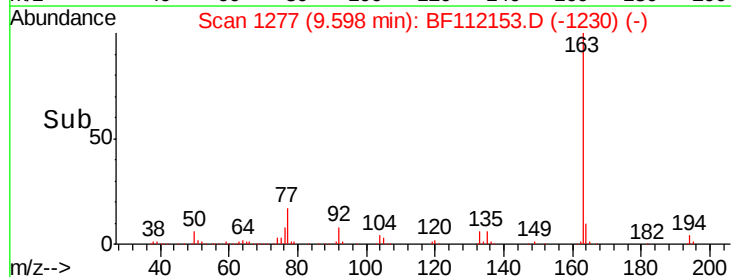
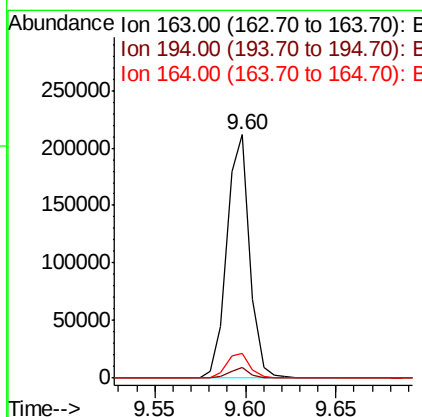
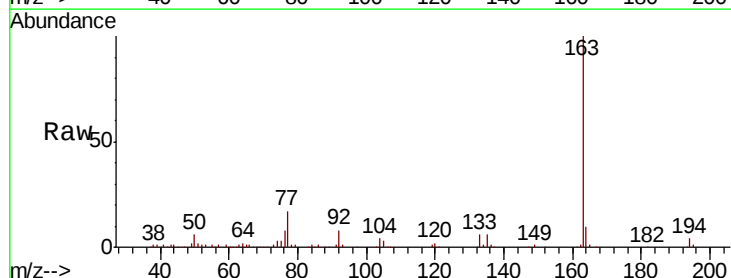
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.4	20.2	30.4

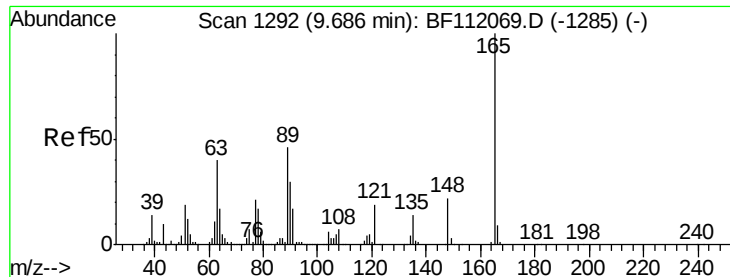


#50
 Dimethylphthalate
 Concen: 4.695 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Tgt Ion:163 Resp: 185078

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 9.025 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

BNA_F

ClientSampleId :

C-5

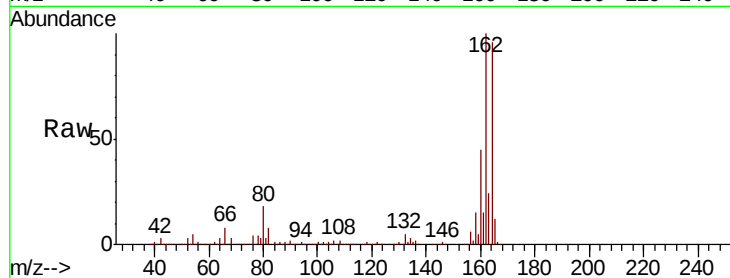
Tot Ion:165 Resp: 71051

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

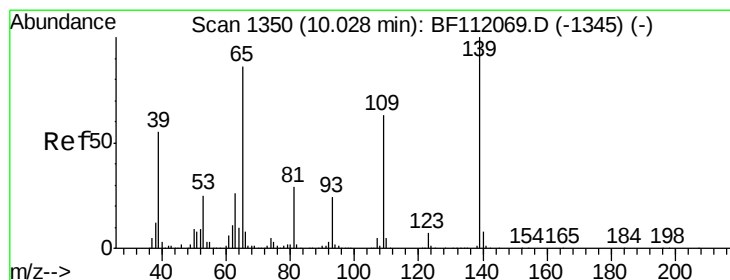
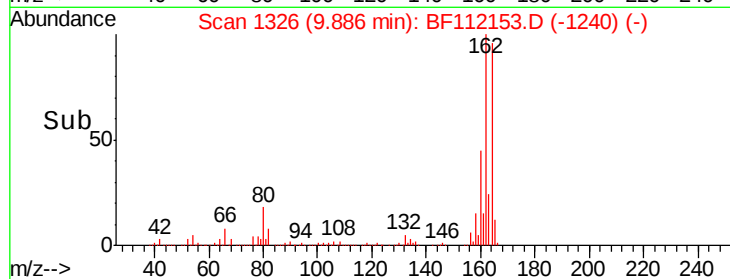
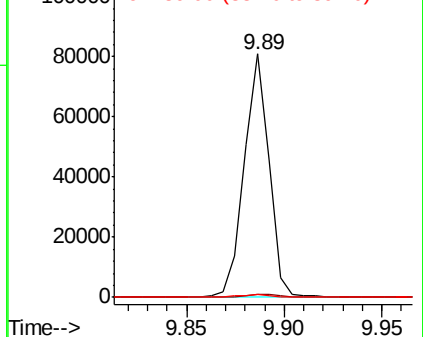
89 1.4 36.9 55.3#



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



#56

4-Nitrophenol

Concen: 5.674 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.06 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

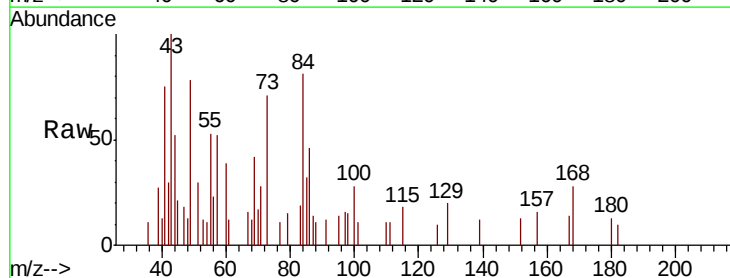
Tgt Ion:139 Resp: 126

Ion Ratio Lower Upper

139 100

109 0.0 42.8 82.8#

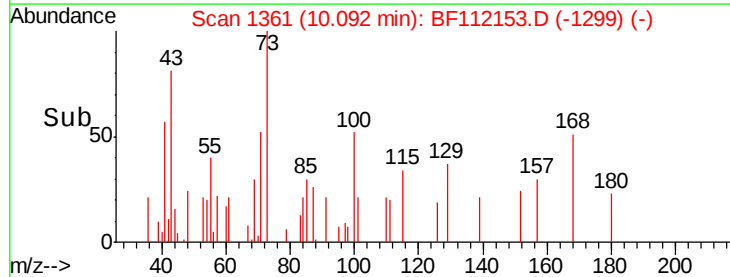
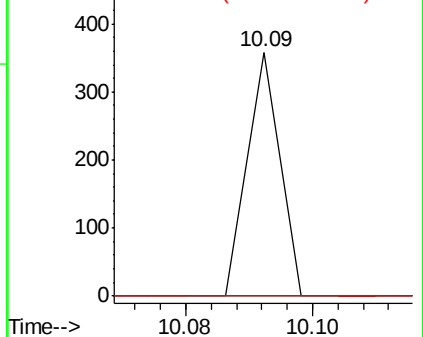
65 0.0 66.1 106.1#

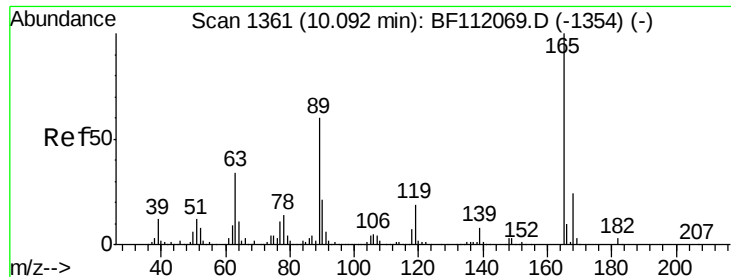


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

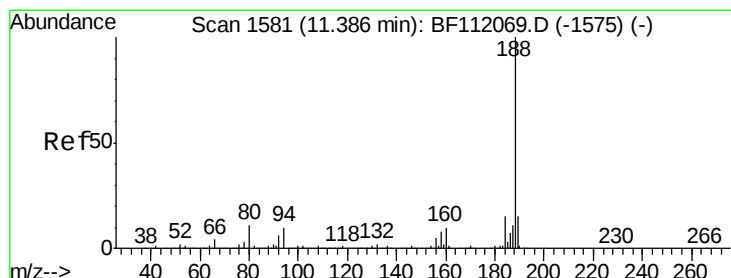
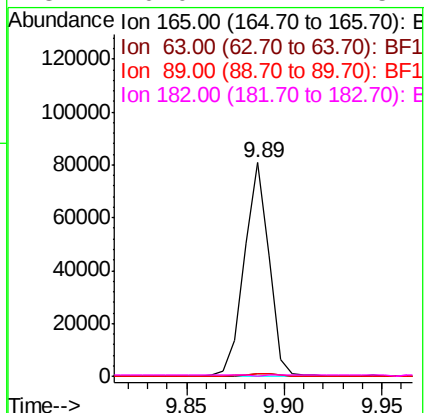
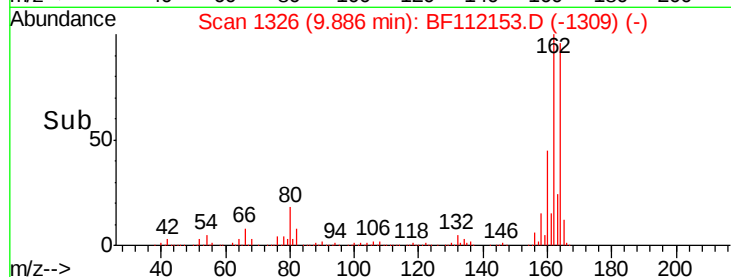
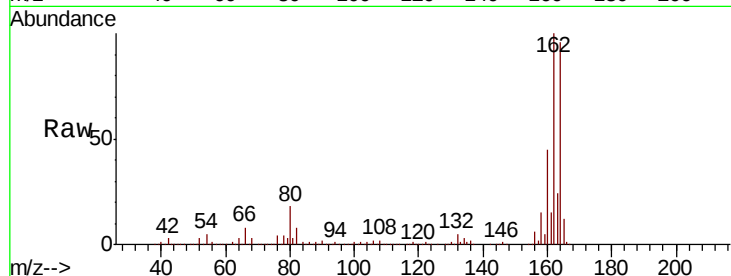




#57
 2,4-Dinitrotoluene
 Concen: 10.941 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

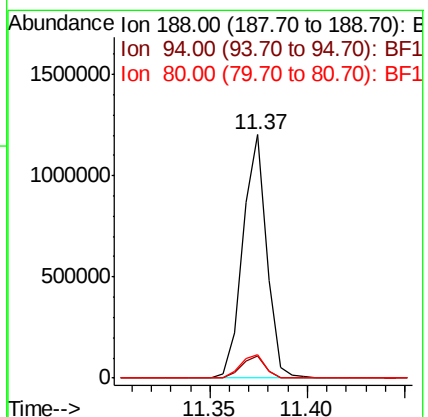
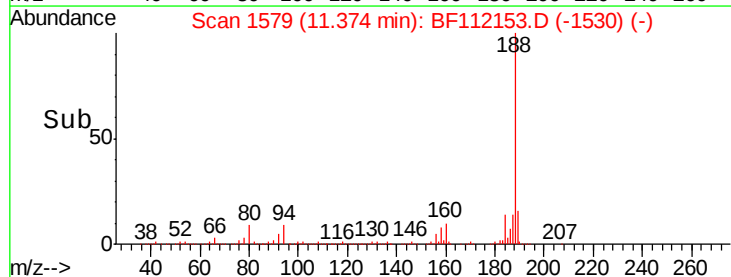
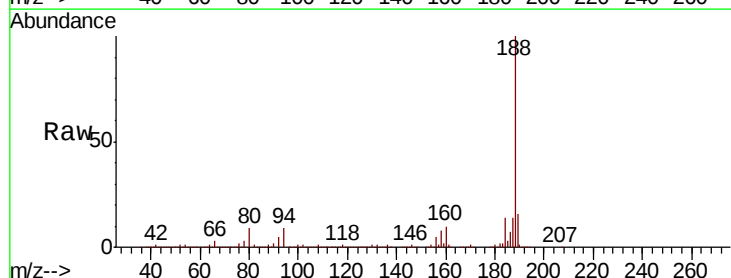
Instrument :
 BNA_F
 ClientSampleId :
 C-5

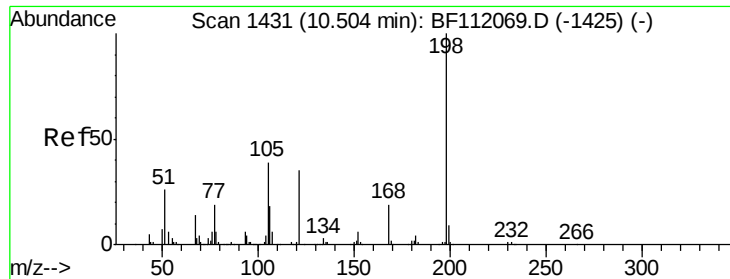
Tot Ion:165 Resp: 71051
 Ion Ratio Lower Upper
 165 100
 63 1.2 27.9 41.9#
 89 1.4 47.9 71.9#
 182 0.0 2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Tgt Ion:188 Resp: 1019648
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.2 12.2
 80 9.4 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.280 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

BNA_F

ClientSampled :

C-5

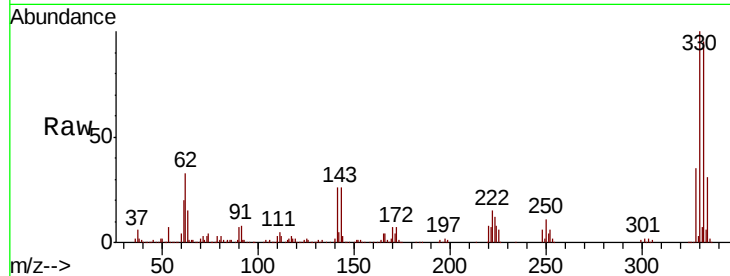
Tot Ion:198 Resp: 1131

Ion Ratio Lower Upper

198 100

51 181.1 17.2 57.2#

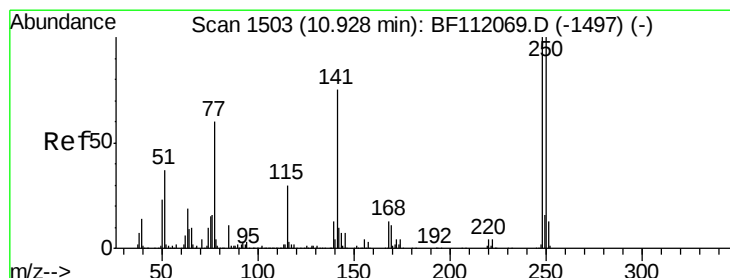
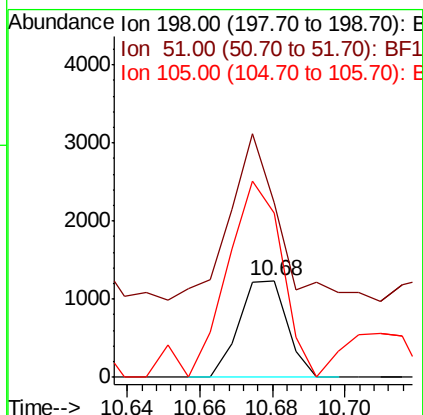
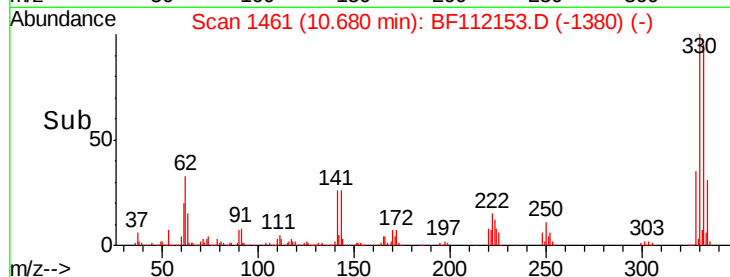
105 170.0 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.733 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

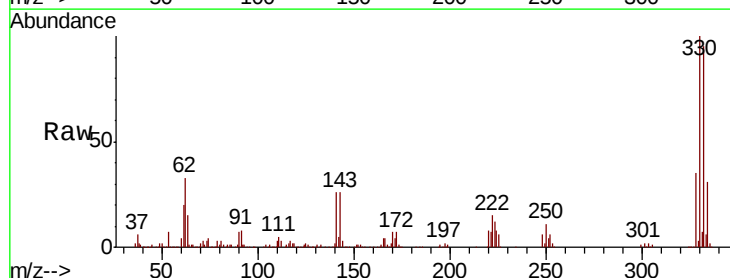
Tgt Ion:248 Resp: 32367

Ion Ratio Lower Upper

248 100

250 199.7 79.7 119.5#

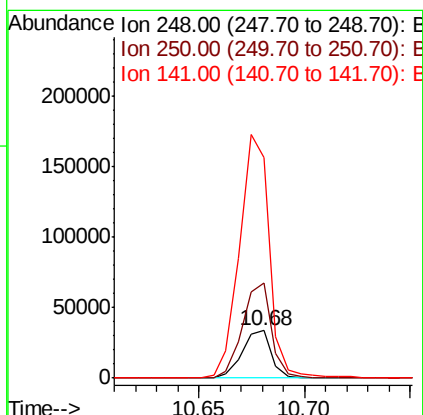
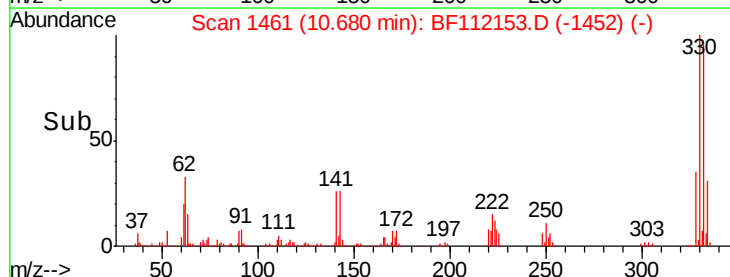
141 463.2 60.3 90.5#

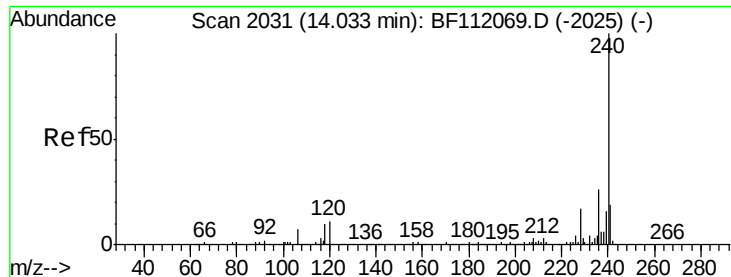


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

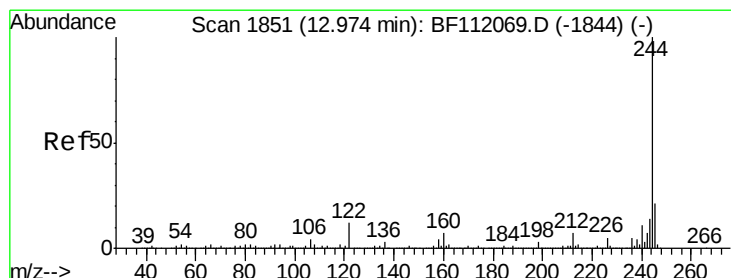
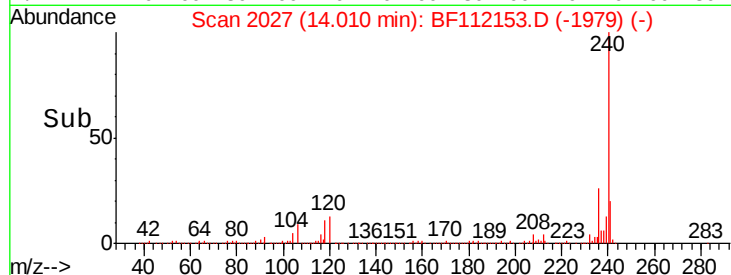
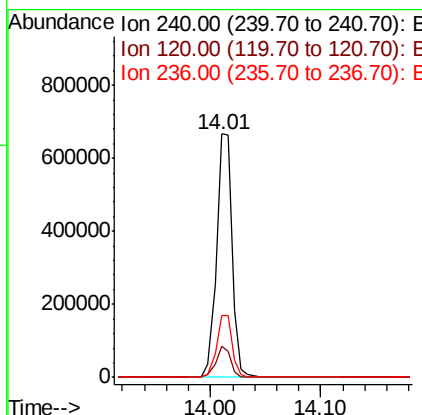
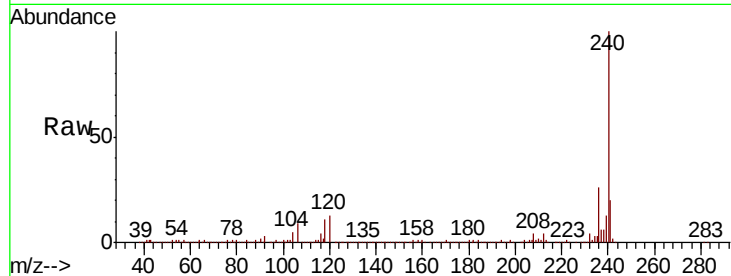




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

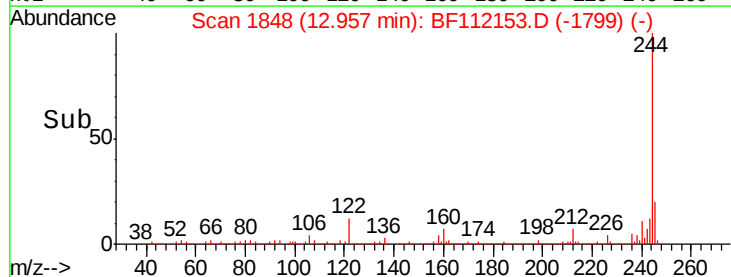
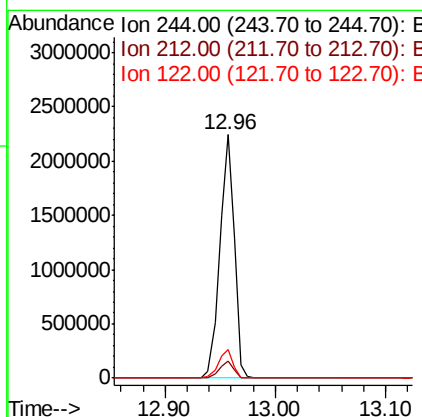
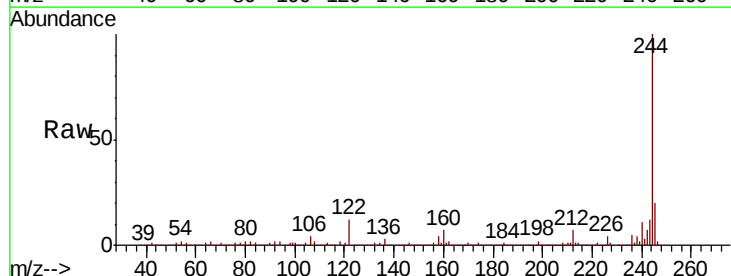
Instrument :
 BNA_F
 ClientSampleId :
 C-5

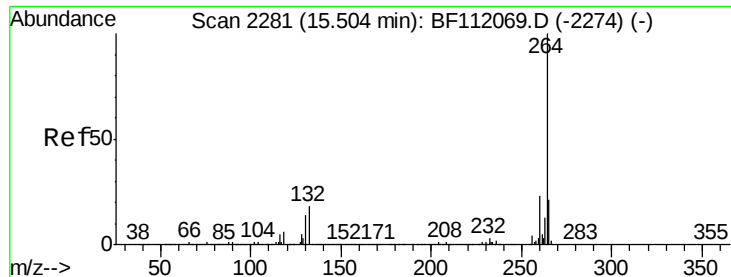
Tot Ion:240 Resp: 652859
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.0 13.6
 236 25.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 66.340 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Tgt Ion:244 Resp: 2035868
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.9 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112153.D
Acq: 21 Jan 2019 12:39

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.2	17.0	25.4

