

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112184.D
 Acq On : 22 Jan 2019 9:56
 Operator : JU/SJ
 Sample : K1013-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 10:27:00 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	233685	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	807607	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	314485	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	556954	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	528661	20.00	ng	-0.01
87) Perylene-d12	15.49	264	373019	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1374482	106.76	ng	0.00
7) Phenol-d6	6.50	99	1440516	89.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	1160029	99.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	421587	124.27	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2113104	98.51	ng	0.00
79) Terphenyl-d14	12.96	244	2133107	85.84	ng	-0.01

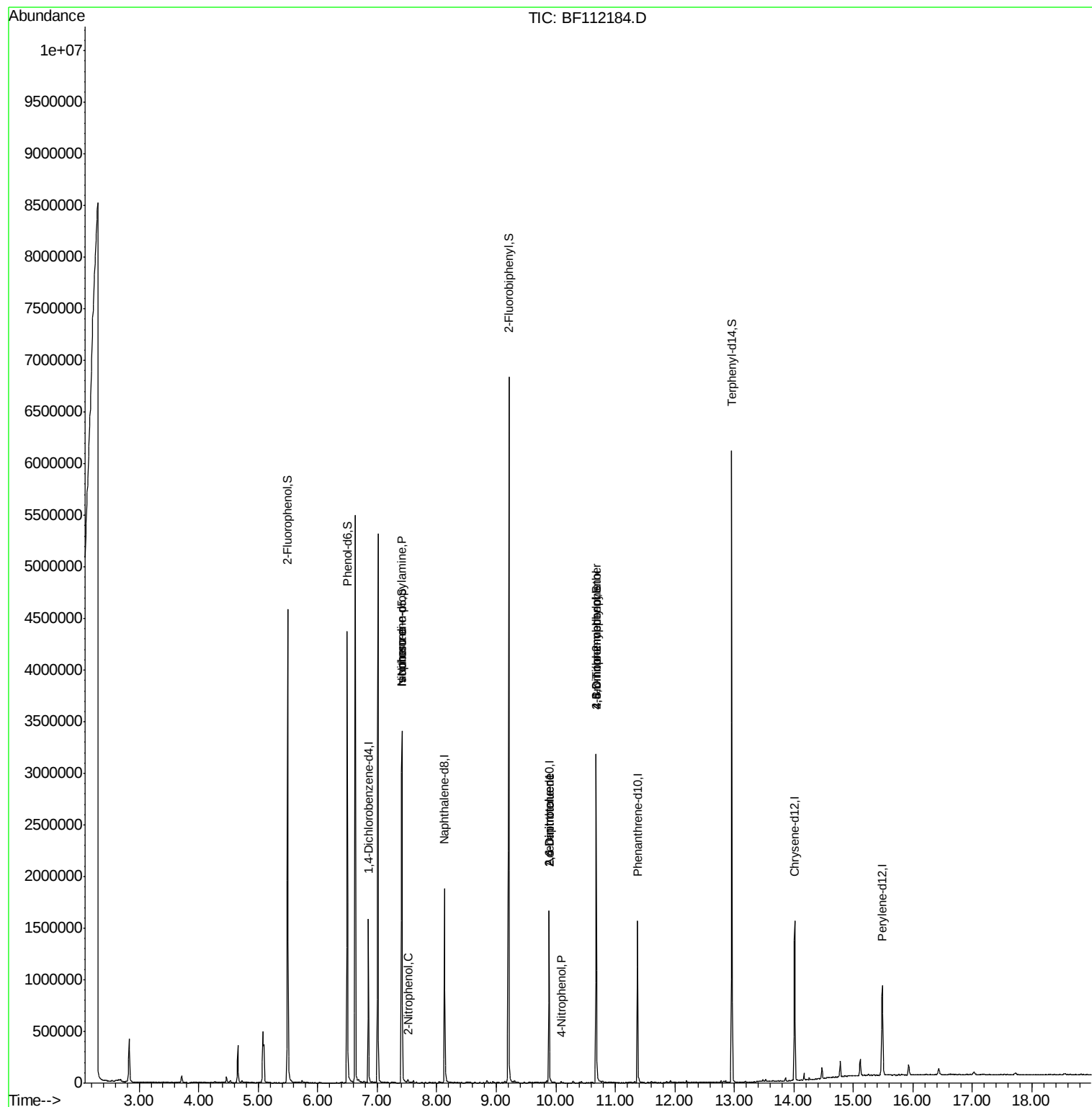
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.41	77	1277	Below Cal		# 78
19) n-Nitroso-di-n-propylamine	7.42	70	159305	16.233	ng	# 73
25) Isophorone	7.42	82	1155070	51.158	ng	# 64
26) 2-Nitrophenol	7.51	139	383	5.734	ng	# 39
51) 2,6-Dinitrotoluene	9.89	165	41226	9.001	ng	# 34
56) 4-Nitrophenol	10.09	139	1220	5.965	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	41226	10.924	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.68	198	875	10.367	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	26010	4.021	ng	# 1

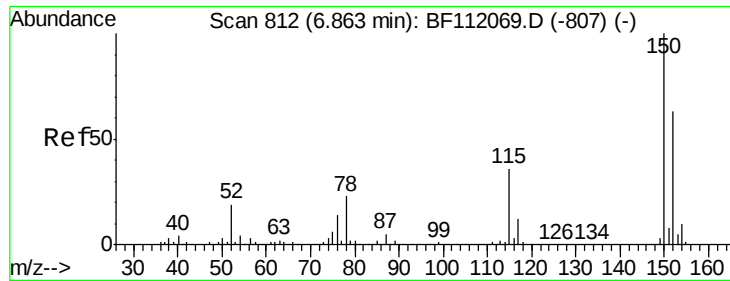
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112184.D
Acq On : 22 Jan 2019 9:56
Operator : JU/SJ
Sample : K1013-02RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 22 10:27:00 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



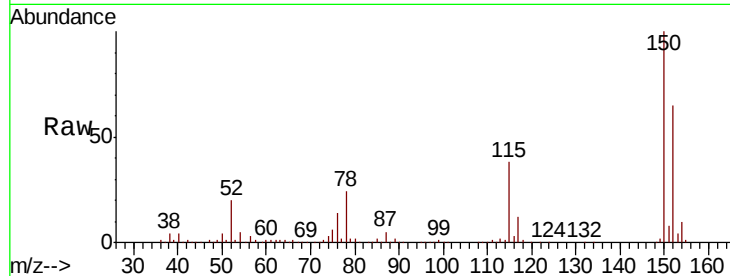


#1

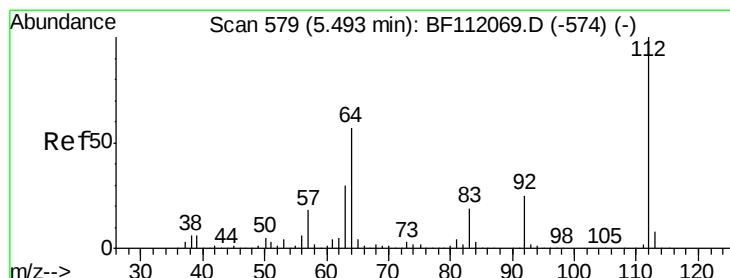
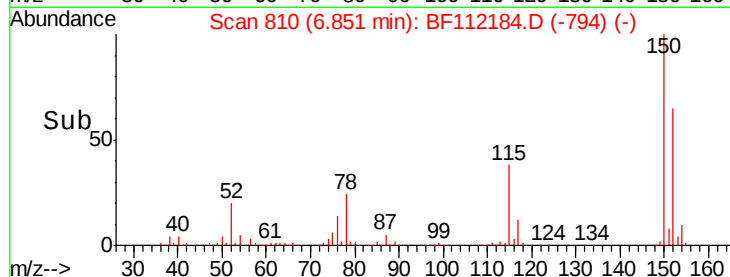
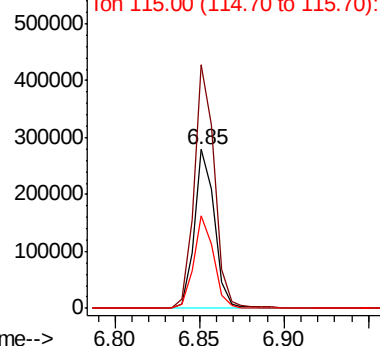
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 233685
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.0
115 57.9 45.5 68.3



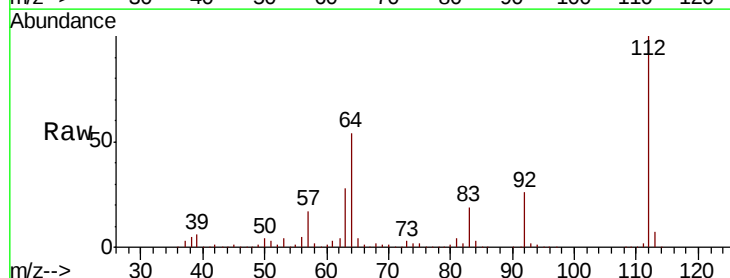
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



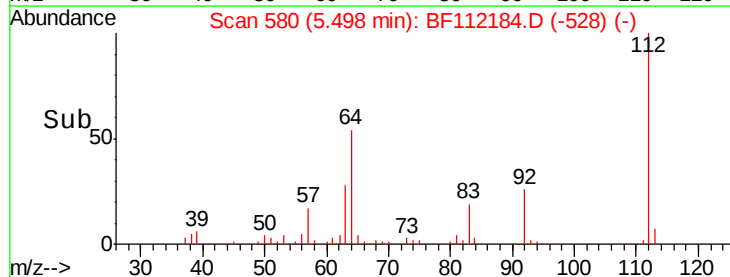
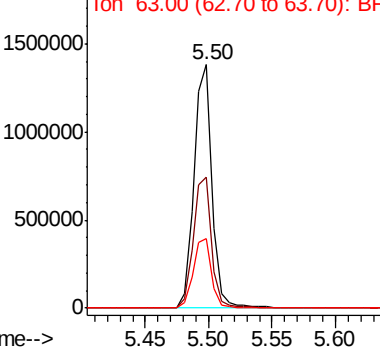
#5

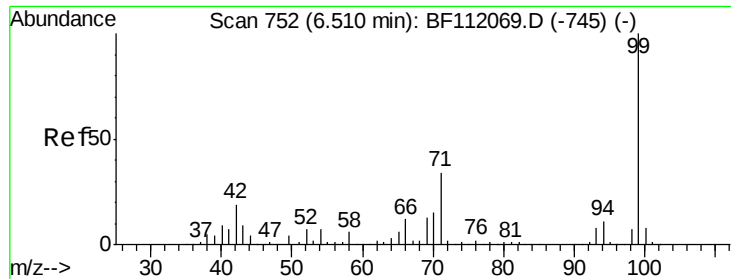
2-Fluorophenol
Concen: 106.756 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion:112 Resp: 1374482
Ion Ratio Lower Upper
112 100
64 53.6 45.7 68.5
63 28.3 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: 89.426 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

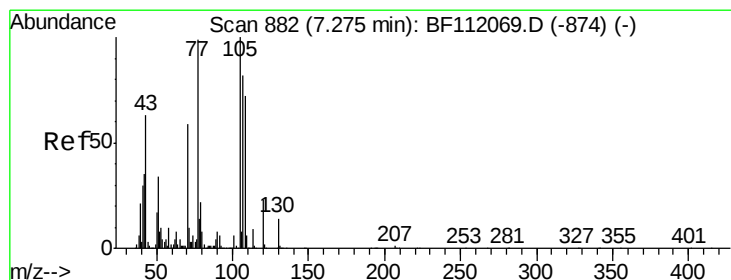
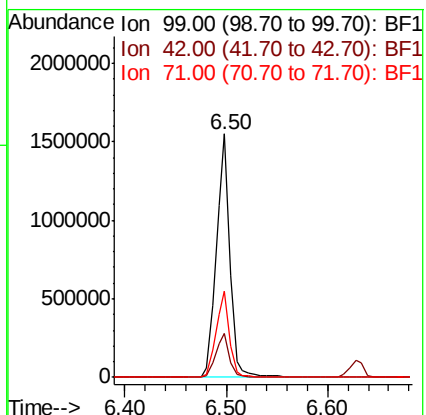
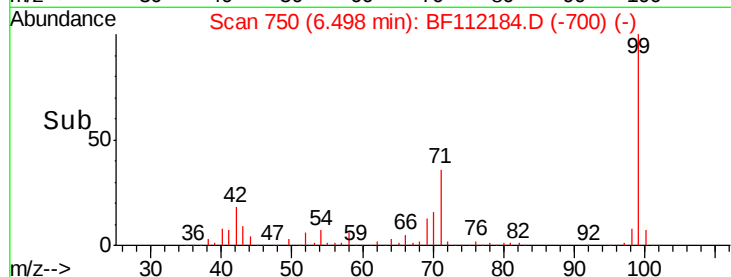
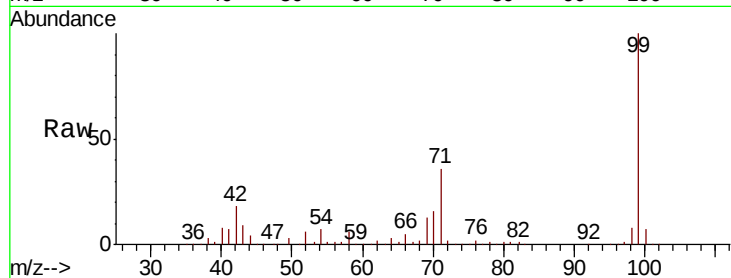
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1440516

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	35.6	26.9	40.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.233 ng

RT: 7.42 min Scan# 906

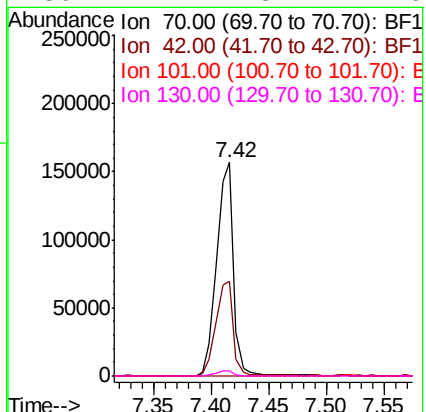
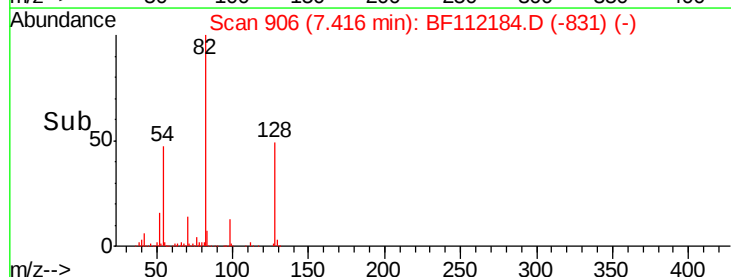
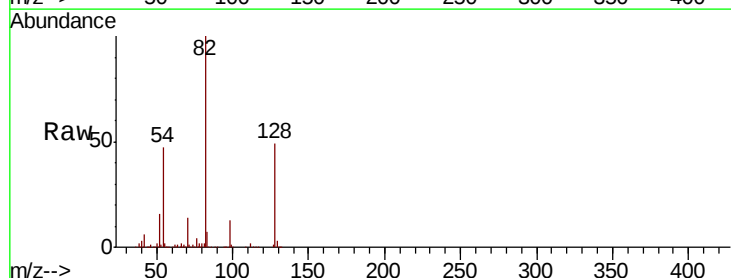
Delta R.T. 0.14 min

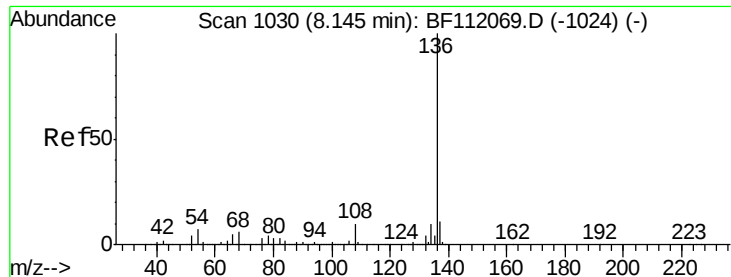
Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

Tgt Ion: 70 Resp: 159305

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	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: BF112184.D

Acq: 22 Jan 2019 9:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 807607

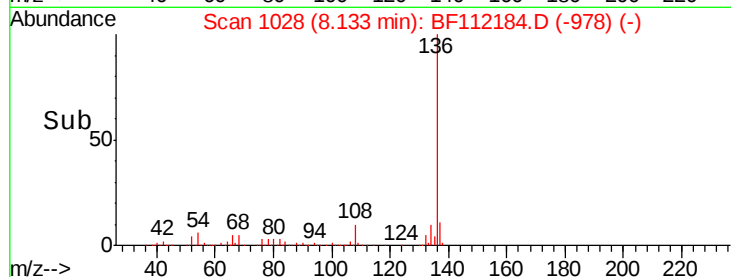
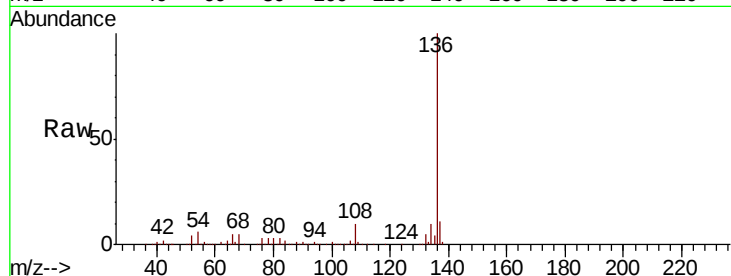
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.3 5.9 8.9

68 5.2 5.1 7.7

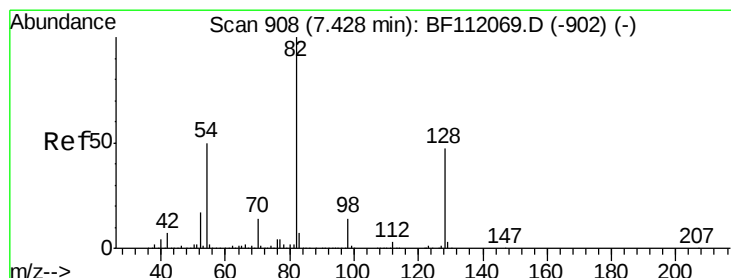
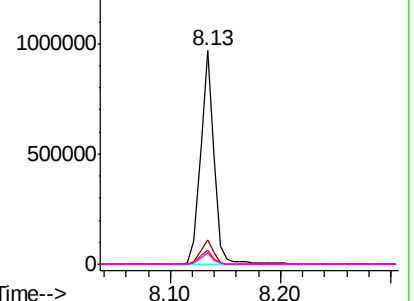


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 99.238 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

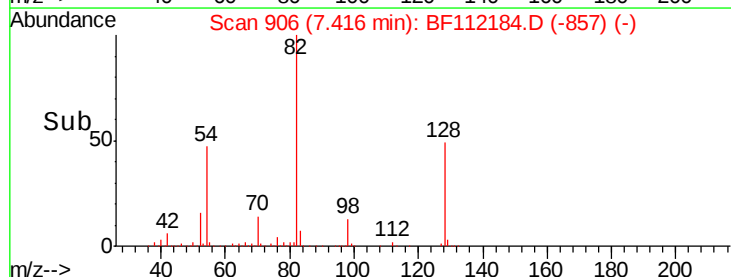
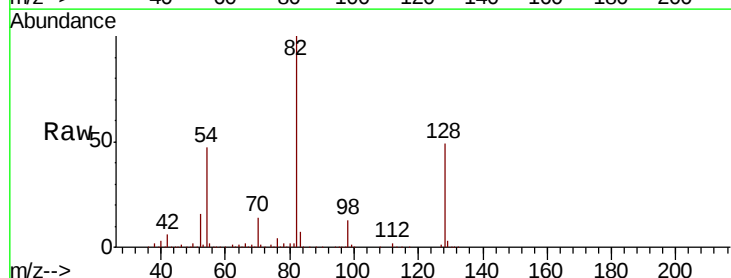
Tgt Ion: 82 Resp: 1160029

Ion Ratio Lower Upper

82 100

128 48.8 37.8 56.8

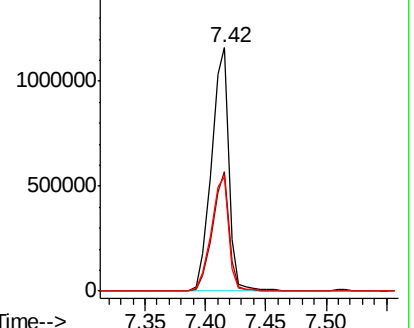
54 46.9 39.7 59.5

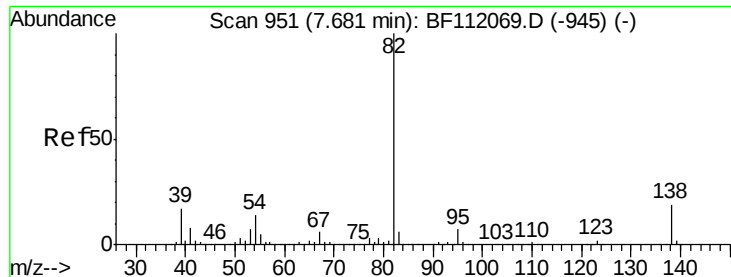


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.158 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

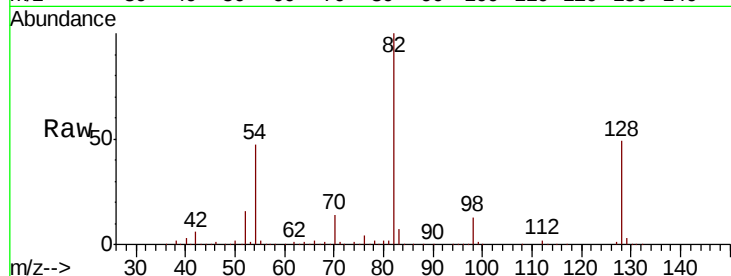
Tot Ion: 82 Resp: 1155070

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#

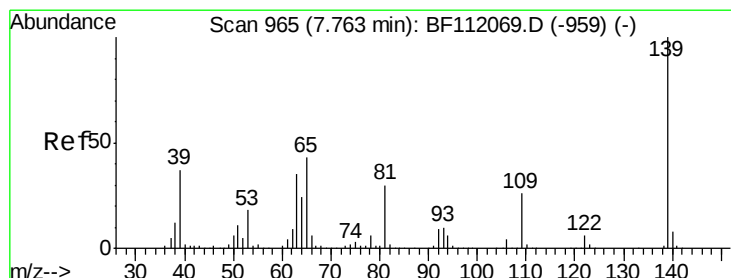
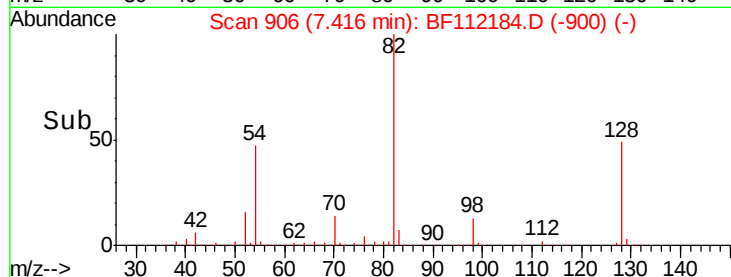
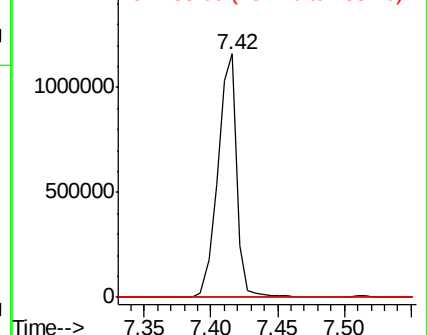


Abundance

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



#26

2-Nitrophenol

Concen: 5.734 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.25 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

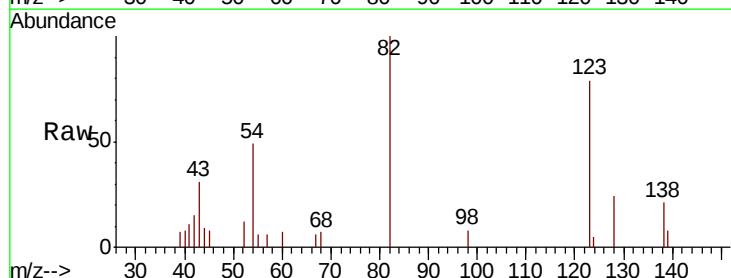
Tgt Ion: 139 Resp: 383

Ion Ratio Lower Upper

139 100

109 0.0 20.8 31.2#

65 0.0 34.4 51.6#

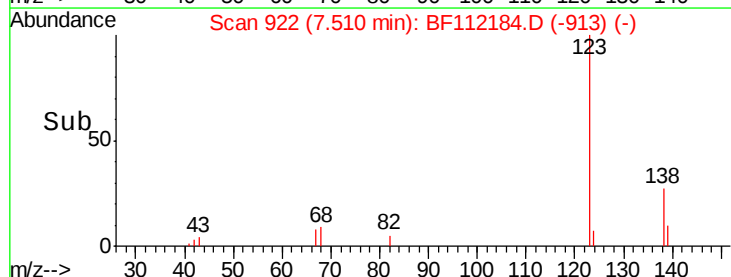
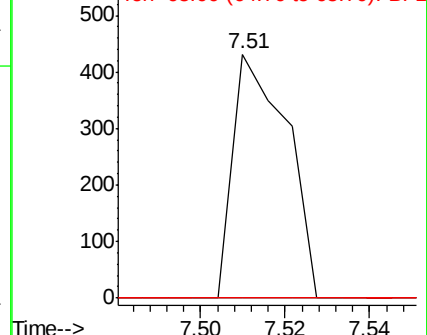


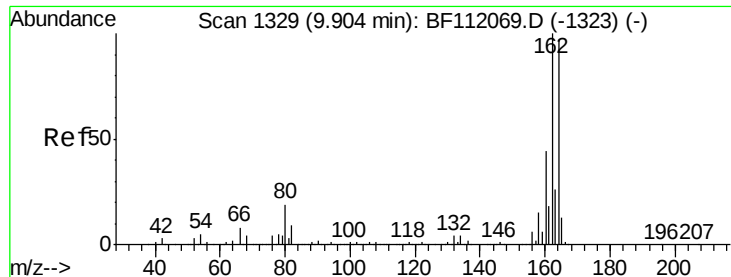
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

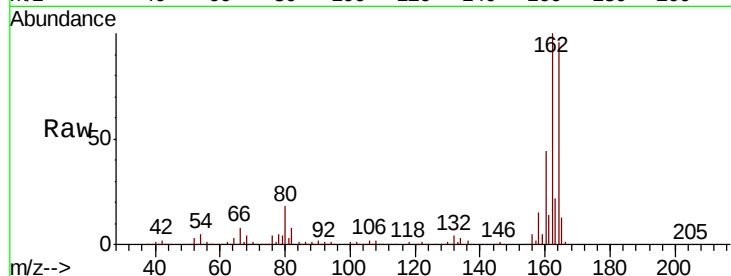




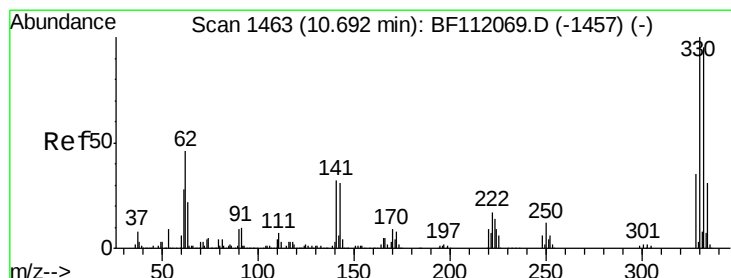
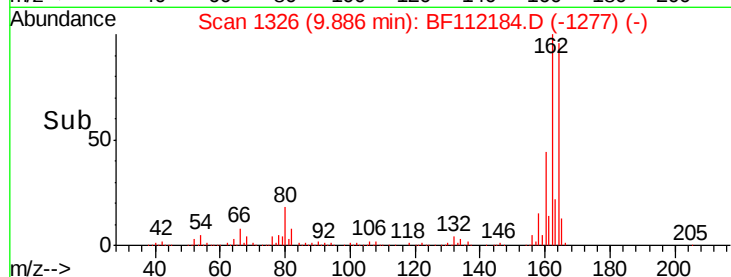
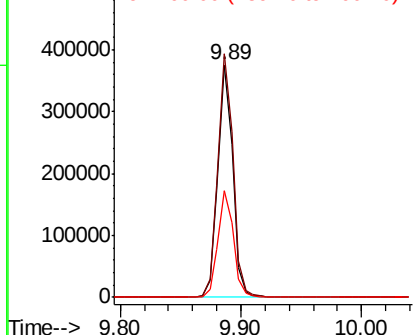
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 314485
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.2 123.4
 160 46.0 36.2 54.4

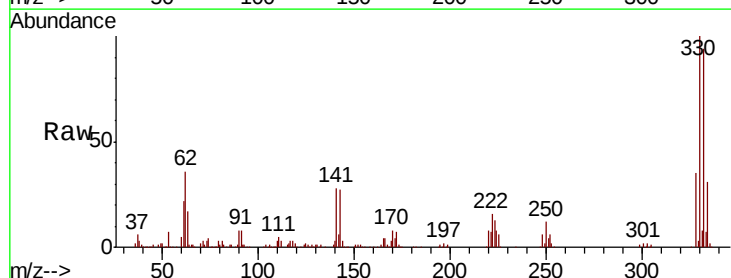


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

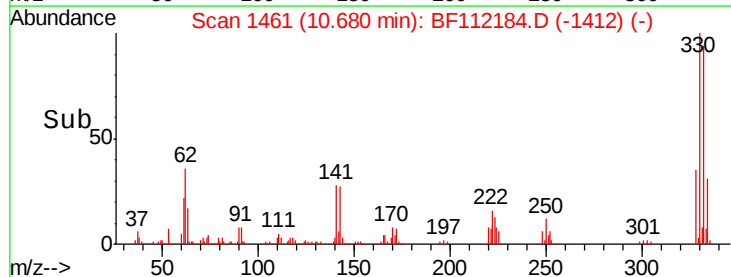
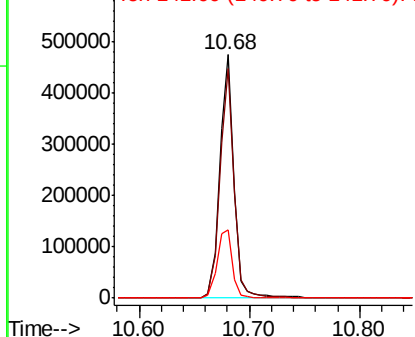


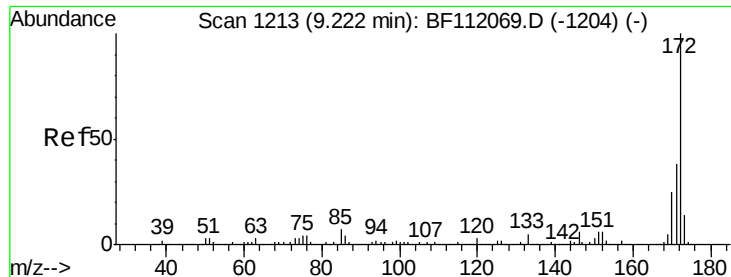
#42
 2,4,6-Tribromophenol
 Concen: 124.267 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

Tgt Ion:330 Resp: 421587
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 31.1 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

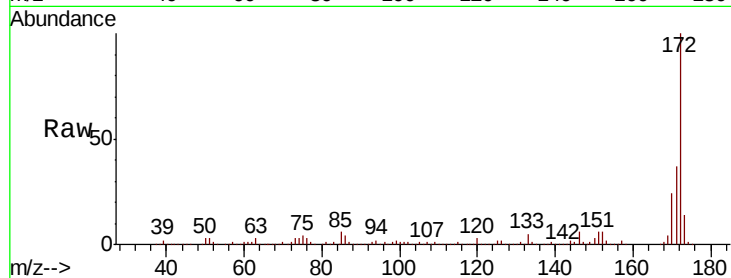




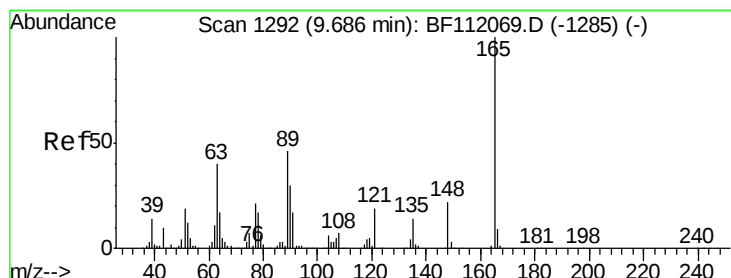
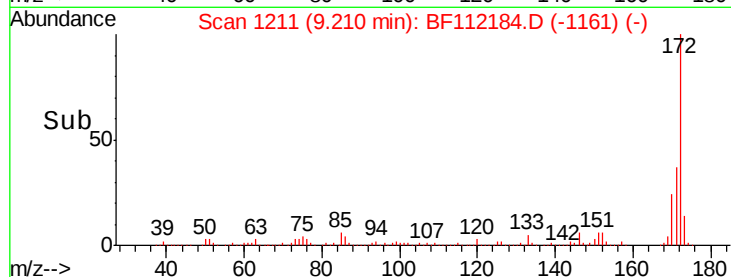
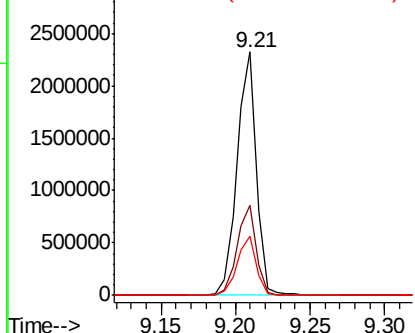
#45
 2-Fluorobiphenyl
 Concen: 98.512 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2113104
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.3 20.2 30.4

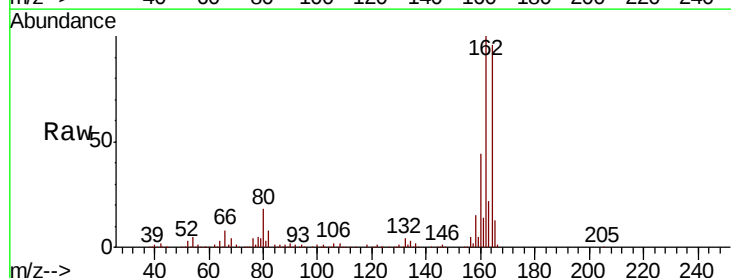


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

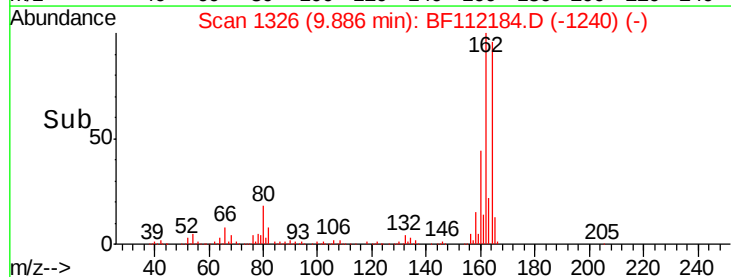
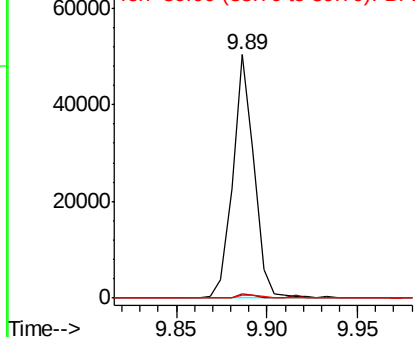


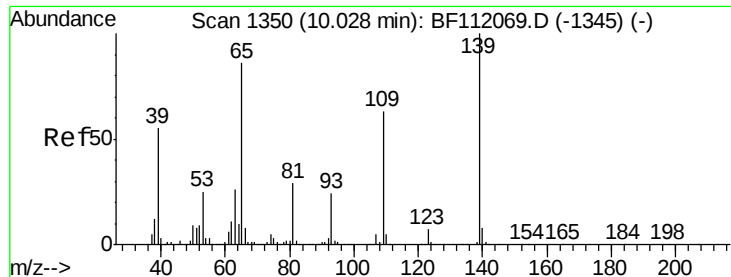
#51
 2,6-Dinitrotoluene
 Concen: 9.001 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF112184.D
 Acq: 22 Jan 2019 9:56

Tgt Ion:165 Resp: 41226
 Ion Ratio Lower Upper
 165 100
 63 1.5 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

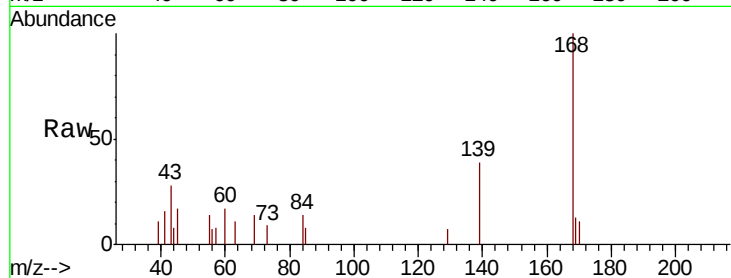




#56
4-Nitrophenol
Concen: 5.965 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

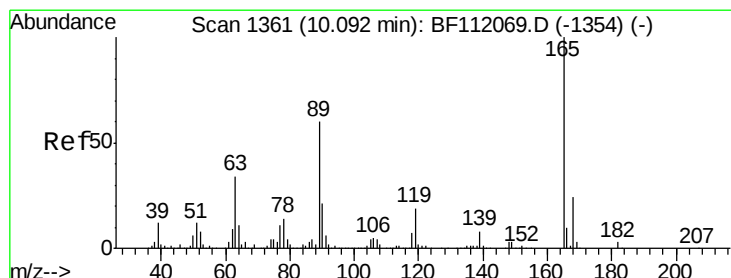
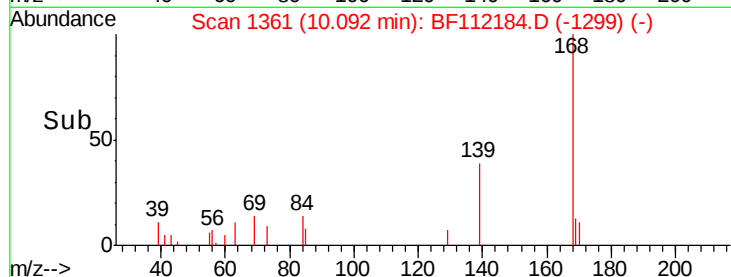
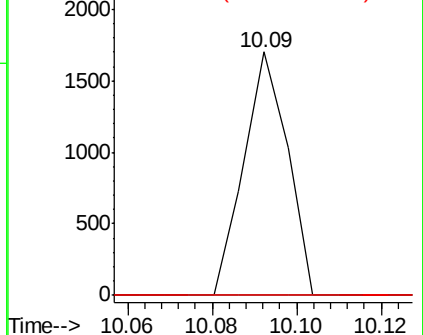


Abundance

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: 10.924 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#

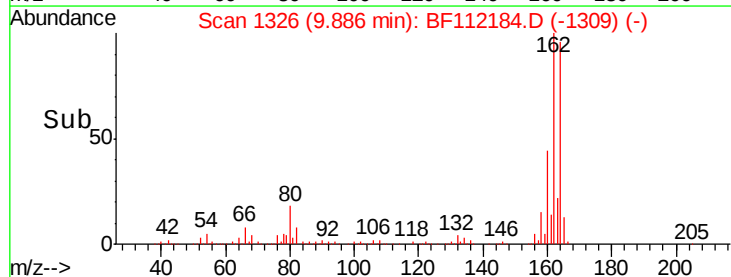
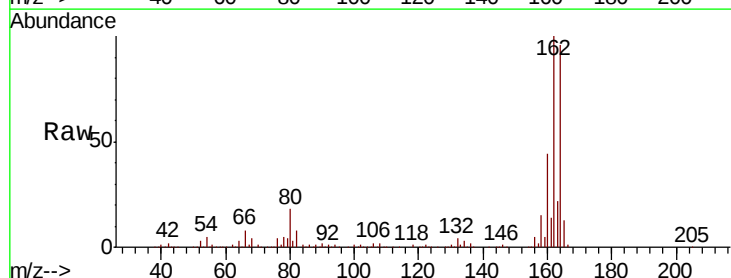
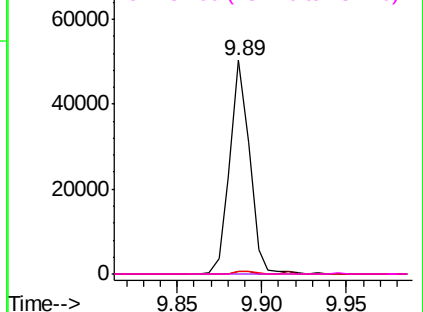
Abundance

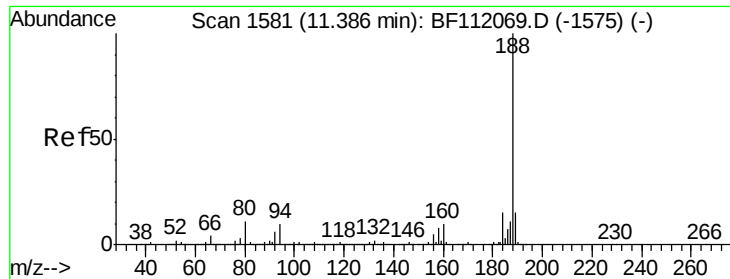
Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

Instrument :

BNA_F

ClientSampleId :

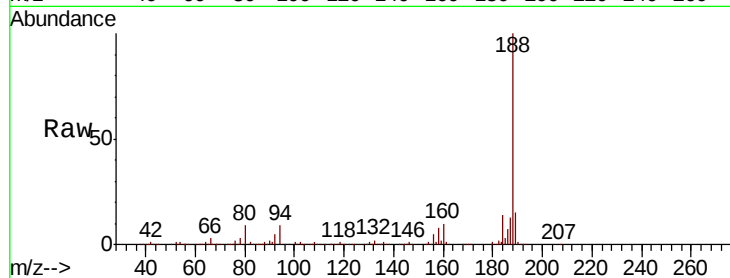
Tot Ion:188 Resp: 556954

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

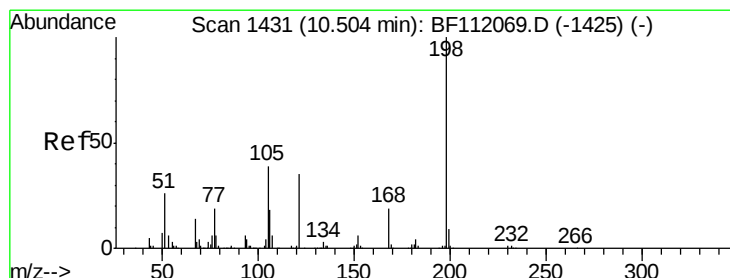
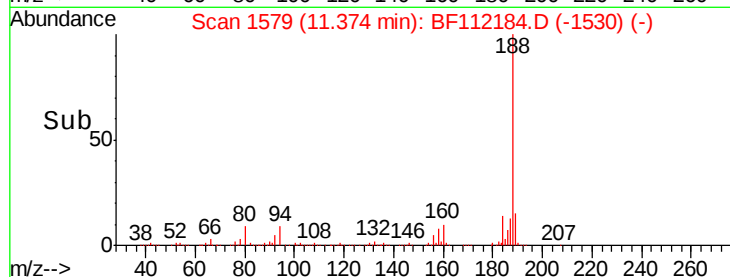
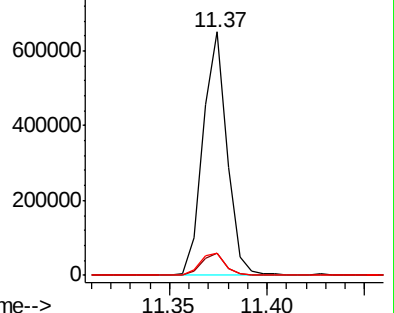
80 9.0 8.9 13.3



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: 10.367 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112184.D

Acq: 22 Jan 2019 9:56

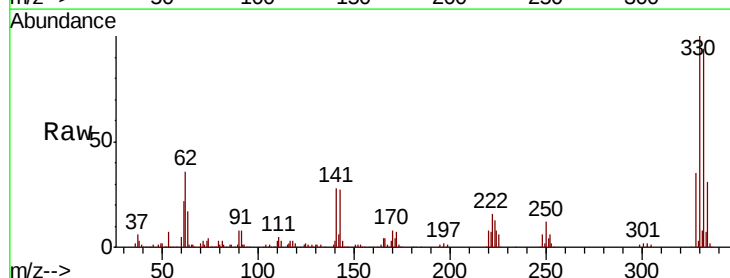
Tgt Ion:198 Resp: 875

Ion Ratio Lower Upper

198 100

51 128.3 17.2 57.2#

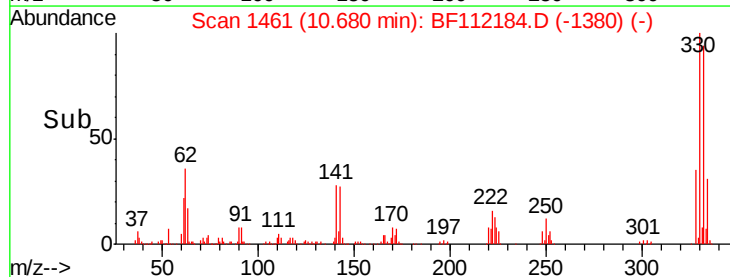
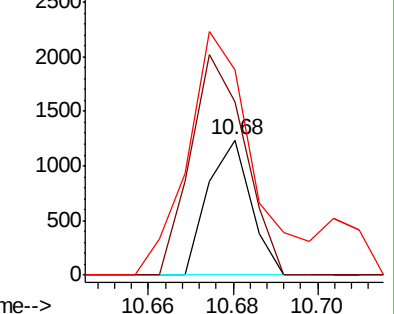
105 151.5 21.9 61.9#

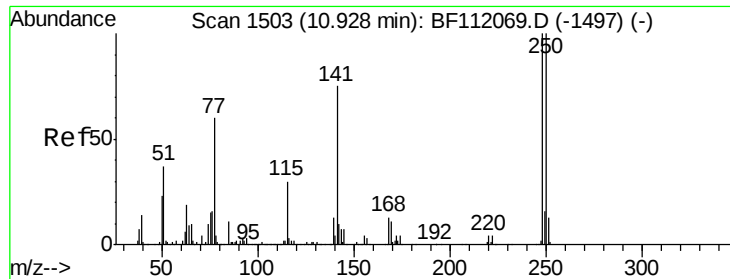


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

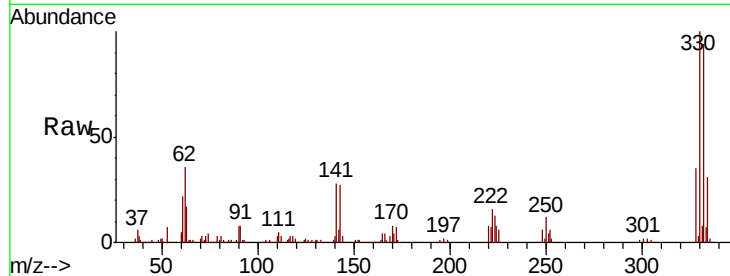




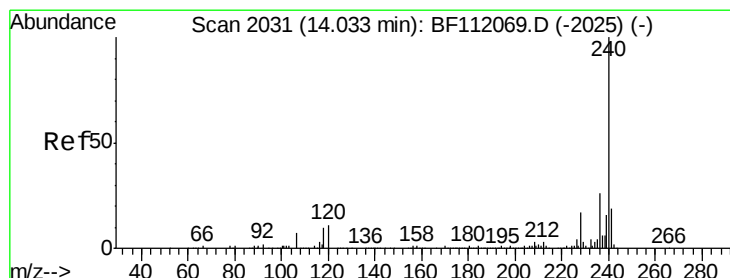
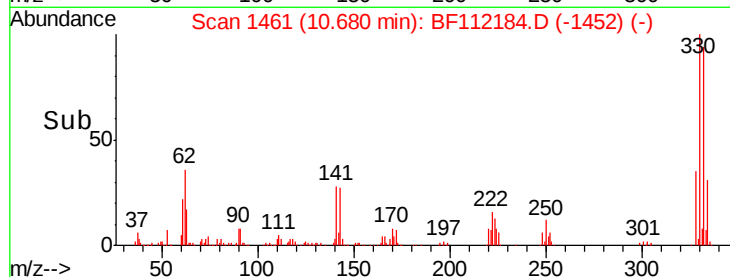
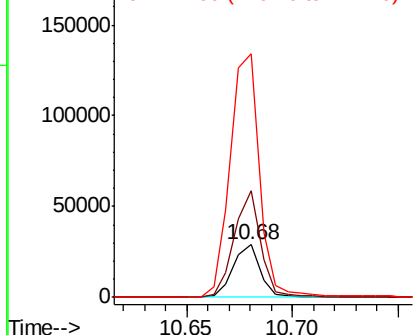
#67
4-Bromophenyl-phenylether
Concen: 4.021 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26010
Ion Ratio Lower Upper
248 100
250 200.8 79.7 119.5#
141 460.8 60.3 90.5#

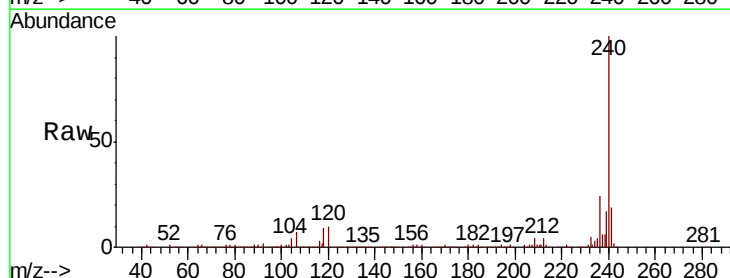


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

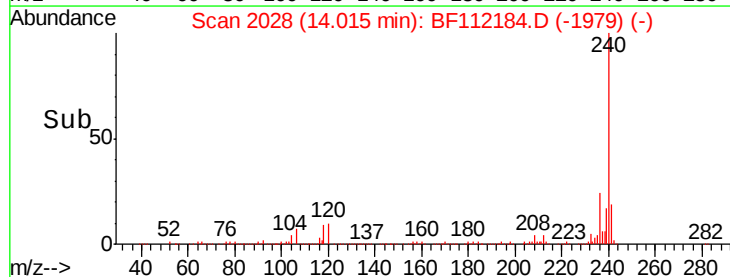
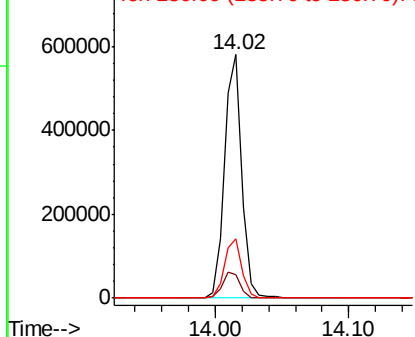


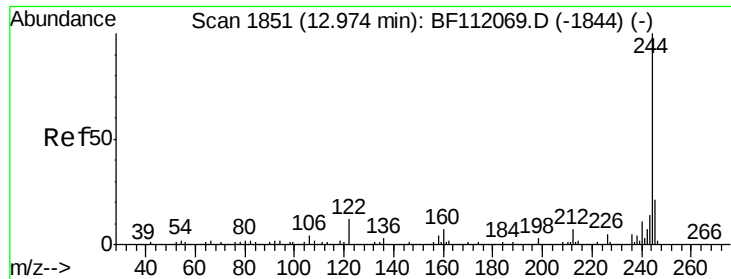
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion:240 Resp: 528661
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 24.3 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

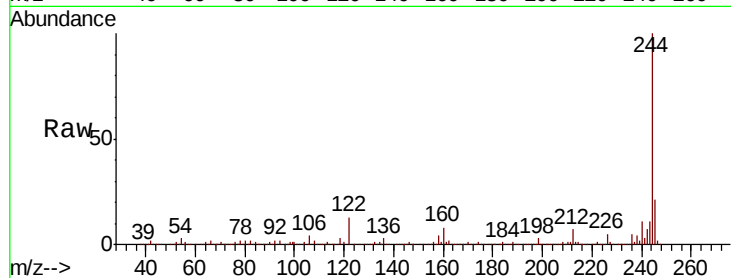




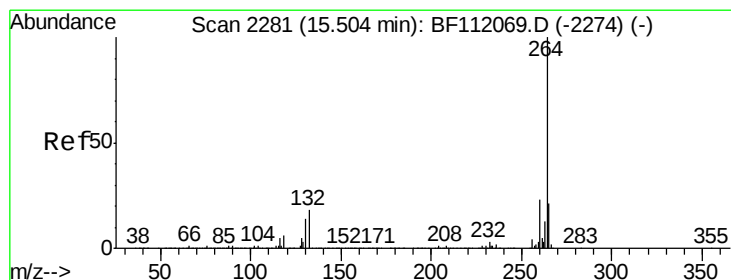
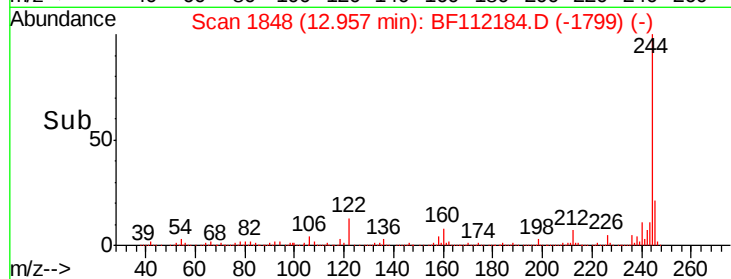
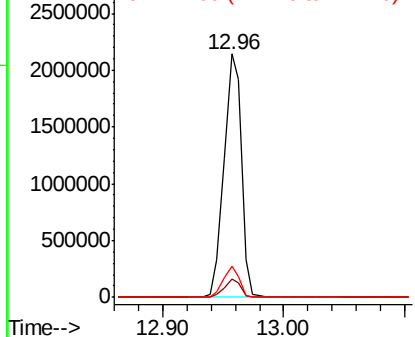
#79
Terphenyl-d14
Concen: 85.838 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:244 Resp: 2133107
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.6 9.8 14.6

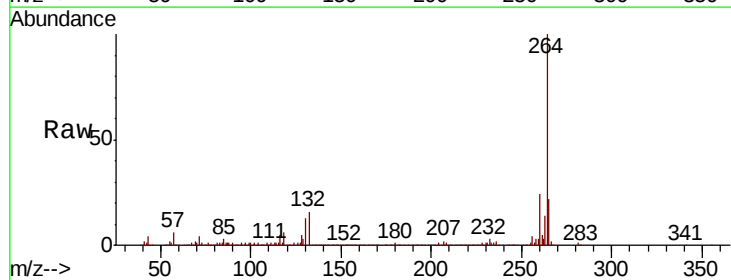


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112184.D
Acq: 22 Jan 2019 9:56

Tgt Ion:264 Resp: 373019
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

