

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109073.D
 Acq On : 18 Sep 2018 3:33
 Operator : JU/SJ
 Sample : J4936-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV

Quant Time: Sep 18 05:20:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

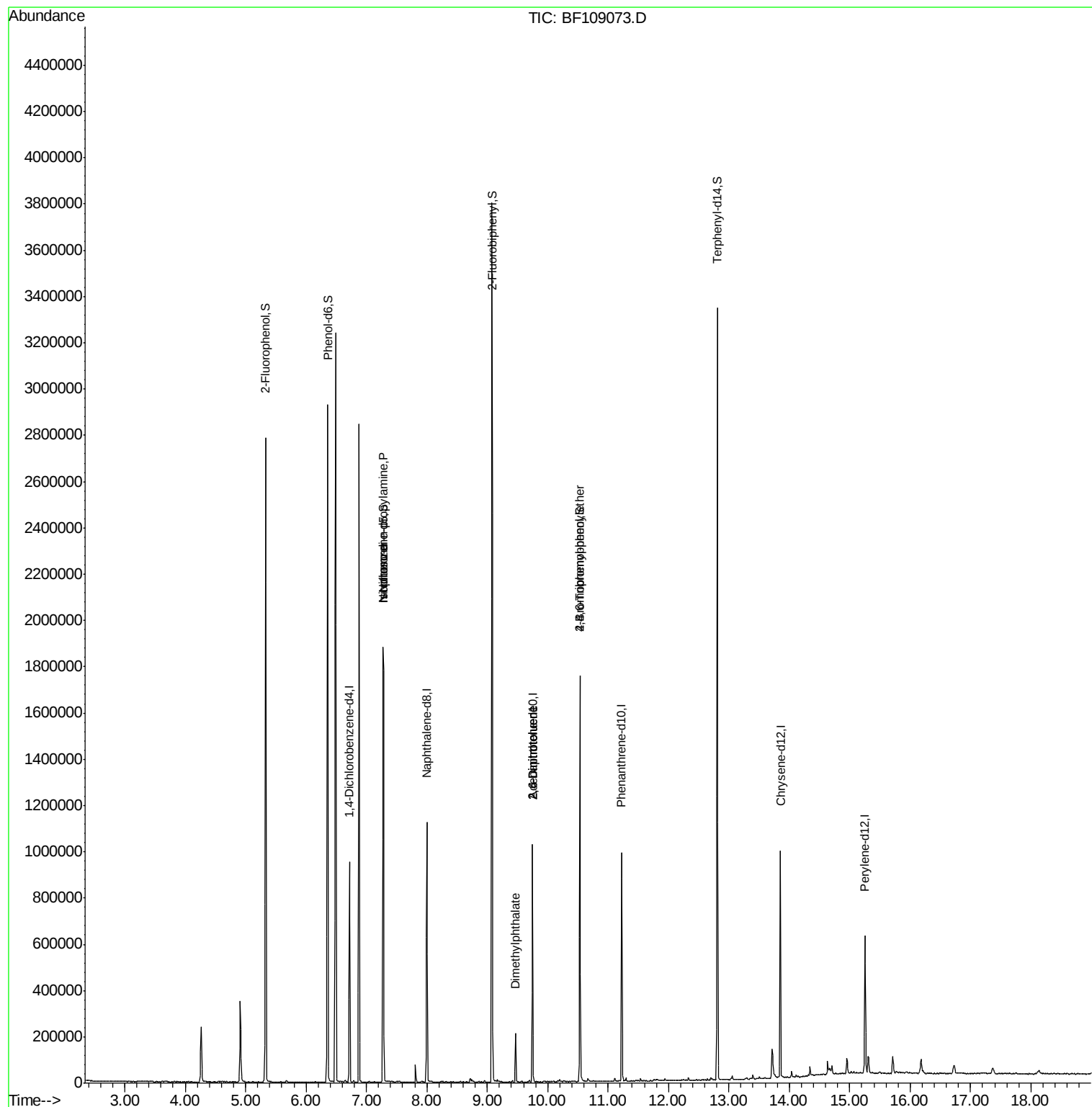
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130674	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449181	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	186737	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	356649	20.00	ng	0.00
75) Chrysene-d12	13.85	240	344457	20.00	ng	0.00
86) Perylene-d12	15.25	264	253703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	822770	104.58	ng	0.00
7) Phenol-d6	6.36	99	1044682	102.97	ng	0.00
23) Nitrobenzene-d5	7.28	82	666030	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	218319	107.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1121413	94.09	ng	0.00
78) Terphenyl-d14	12.81	244	1122524	77.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	88727	13.231	ng	# 76
25) Isophorone	7.28	82	662393	48.117	ng	# 64
49) Dimethylphthalate	9.47	163	82743	6.199	ng	99
50) 2,6-Dinitrotoluene	9.75	165	23818	8.047	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	23818	6.153	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	13872	3.450	ng	# 1

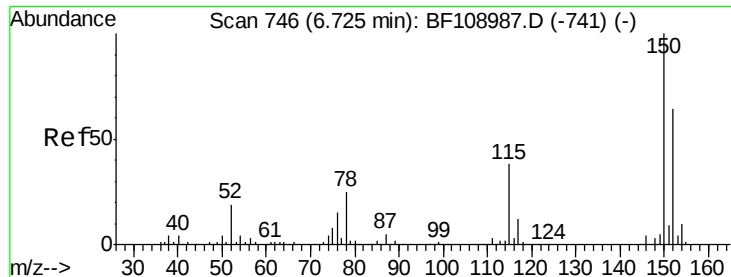
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

26kV

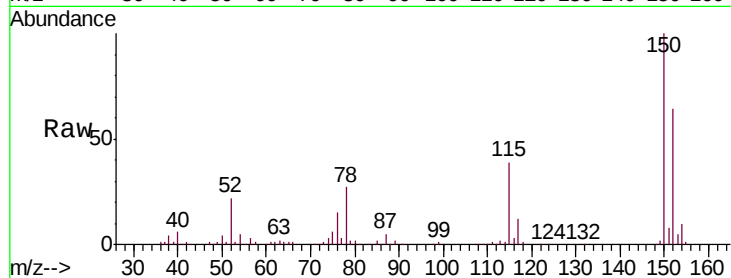
Tgt Ion:152 Resp: 130674

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

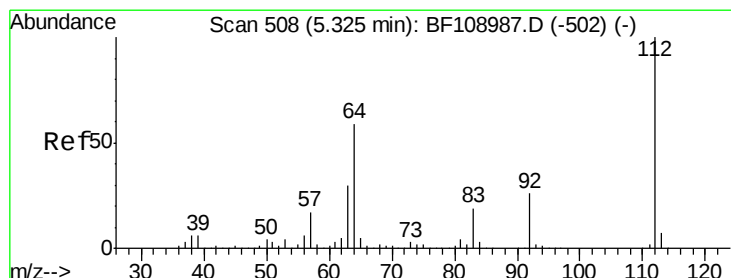
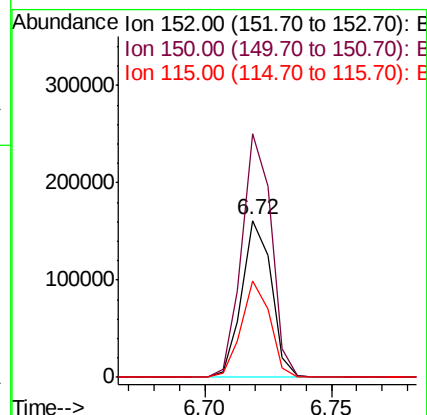
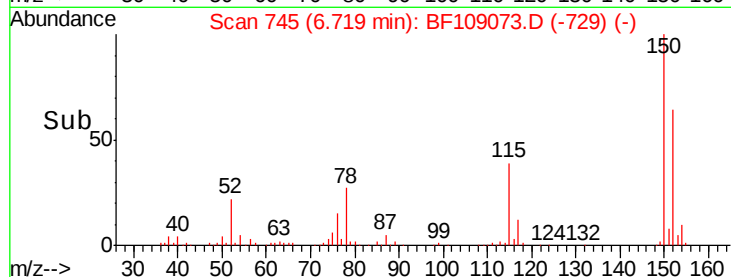
115 61.2 50.1 75.1



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: 104.575 ng

RT: 5.33 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

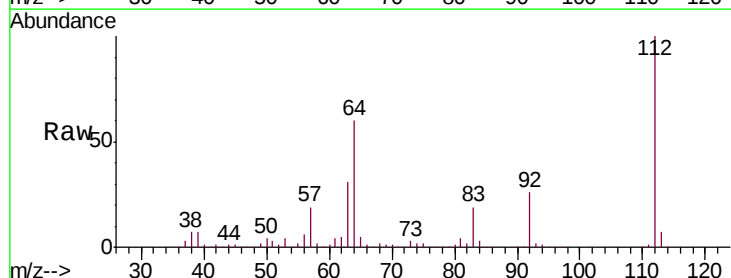
Tgt Ion:112 Resp: 822770

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

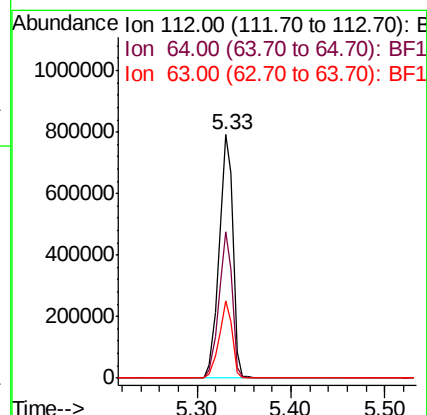
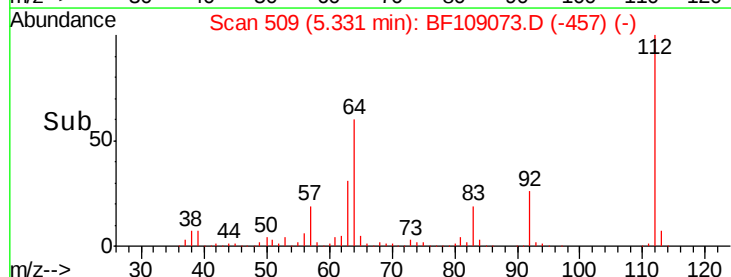
63 31.5 23.7 35.5

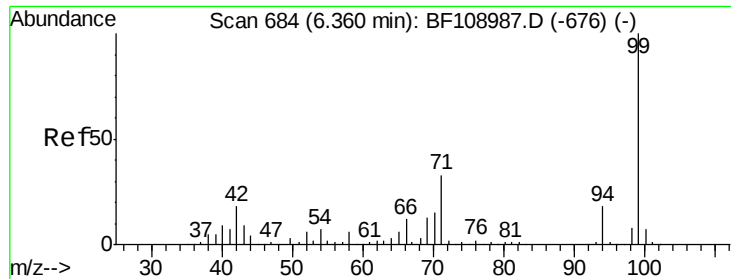


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.974 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

26kV

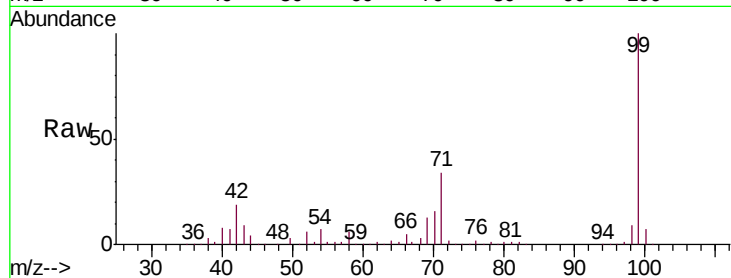
Tgt Ion: 99 Resp: 1044682

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

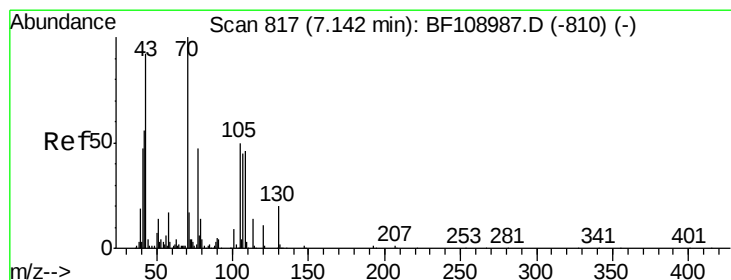
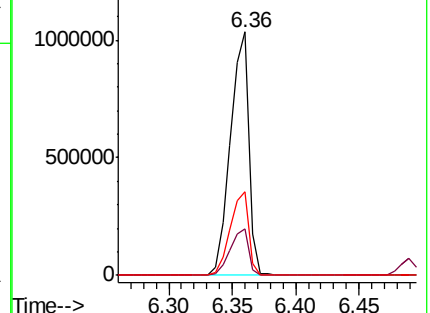
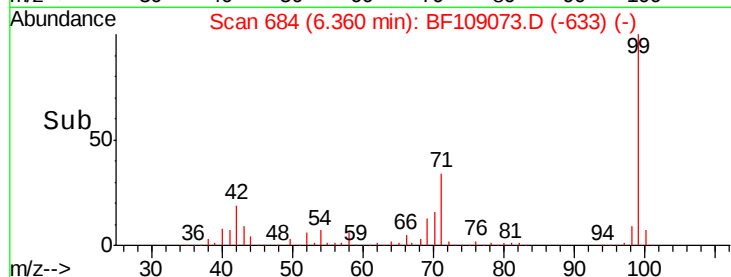
71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.231 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Tgt Ion: 70 Resp: 88727

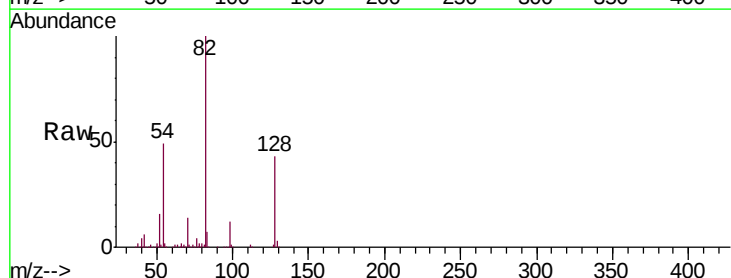
Ion Ratio Lower Upper

70 100

42 46.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

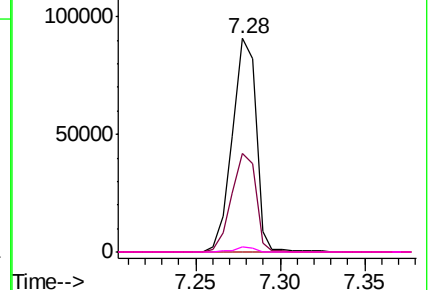
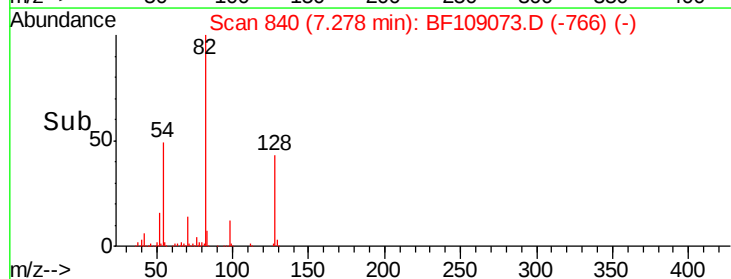


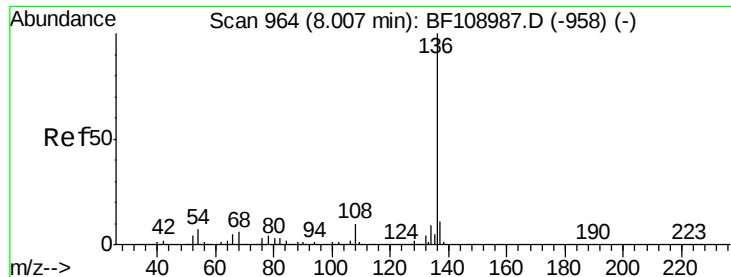
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

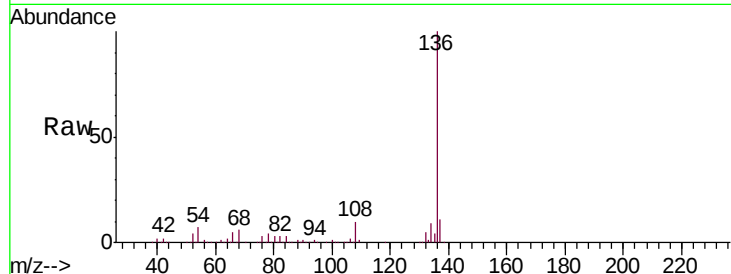




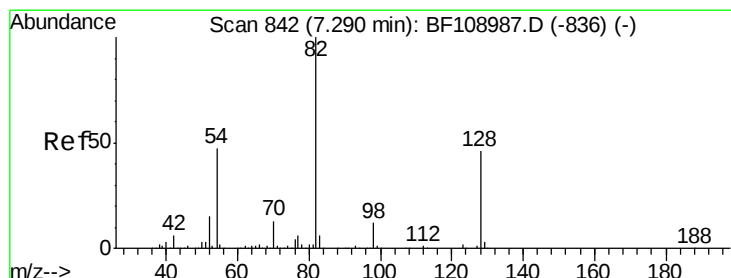
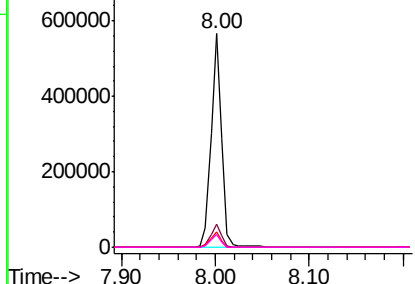
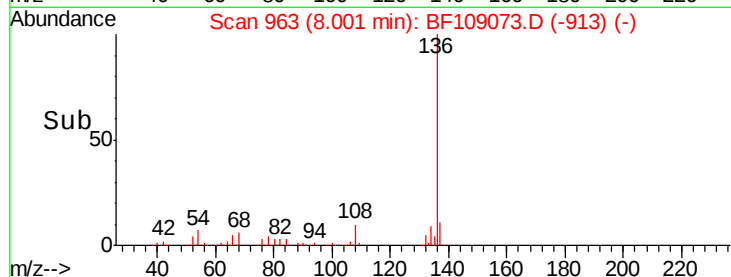
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109073.D
Acq: 18 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :
26kV

Tgt Ion:136	Resp: 449181
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 7.2	6.6 9.8
68 5.9	5.0 7.4

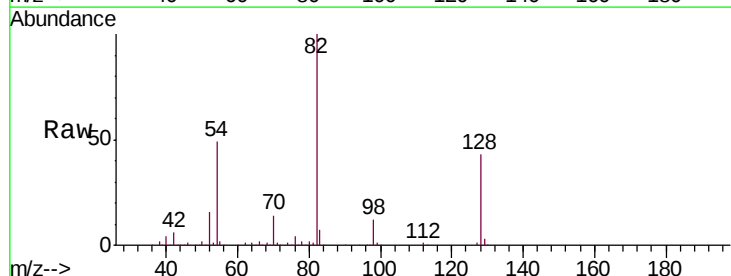


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

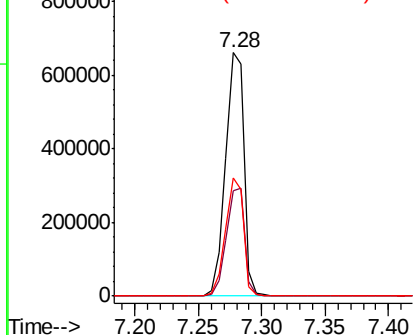
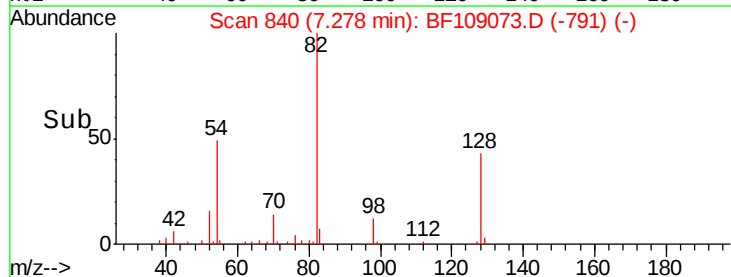


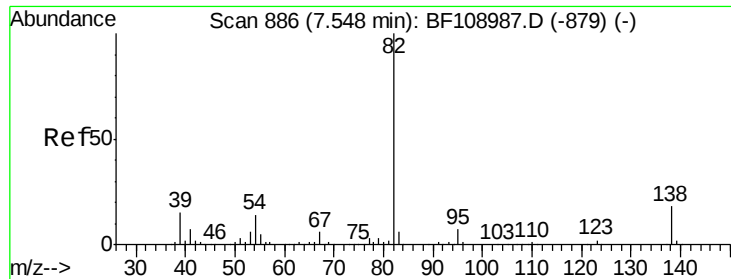
#23
Nitrobenzene-d5
Concen: 83.166 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109073.D
Acq: 18 Sep 2018 3:33

Tgt Ion: 82	Resp: 666030
Ion Ratio	Lower Upper
82 100	
128 43.2	36.1 54.1
54 48.6	41.4 62.2



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: 48.117 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

26kV

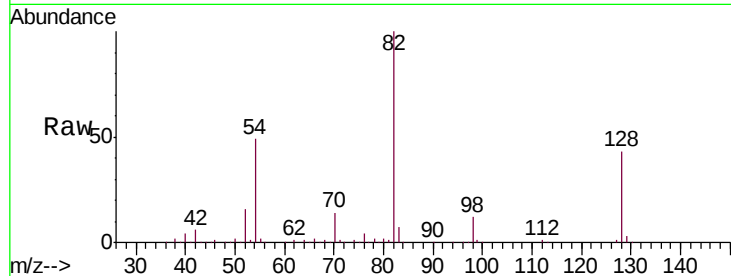
Tgt Ion: 82 Resp: 662393

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

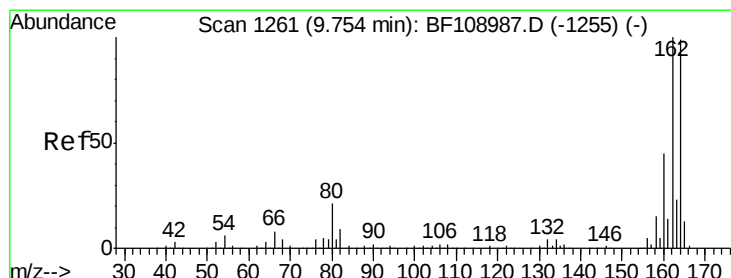
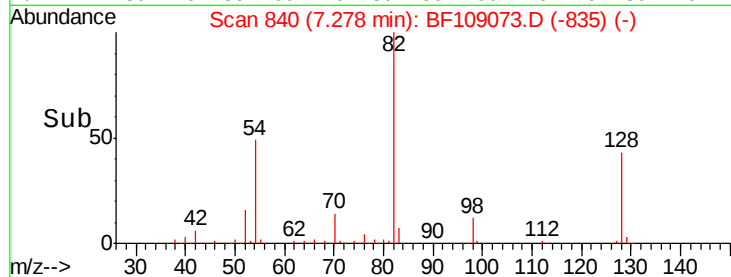
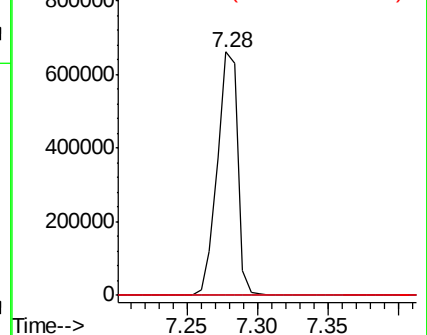
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

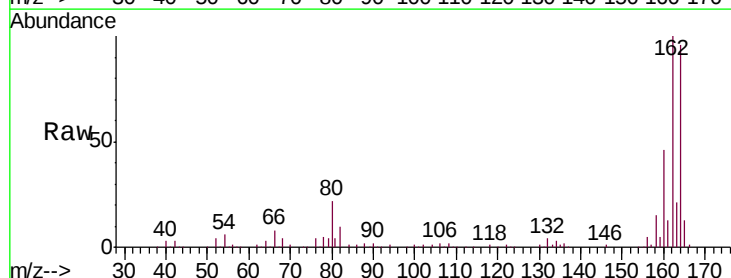
Tgt Ion: 164 Resp: 186737

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

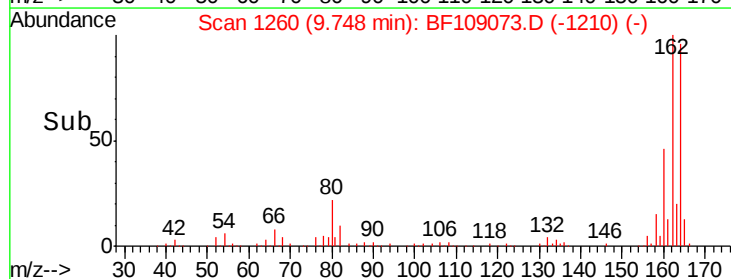
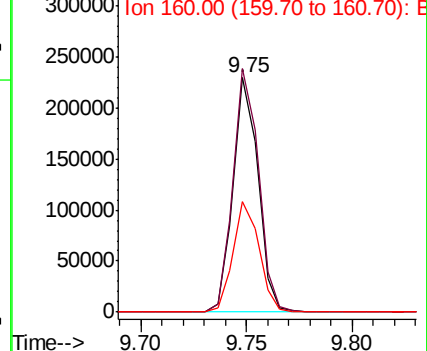
160 47.5 38.3 57.5

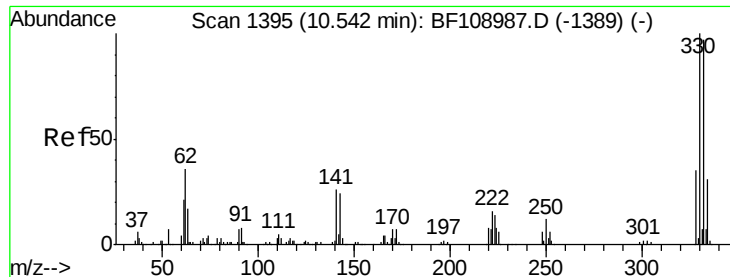


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

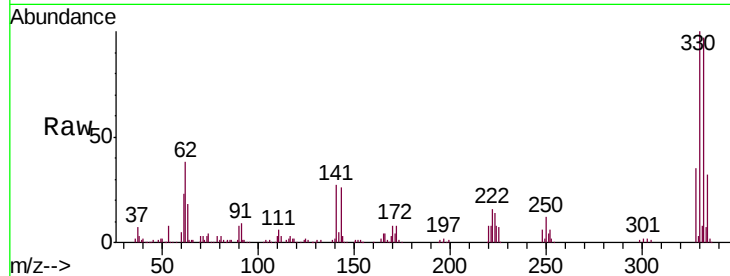




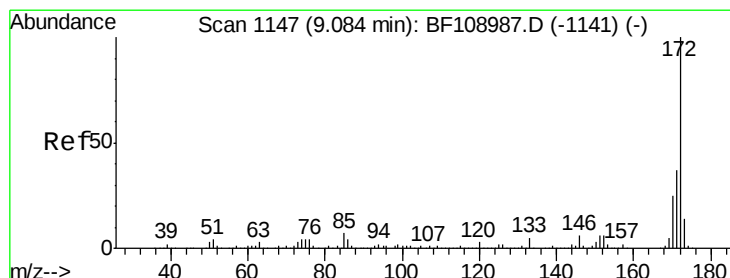
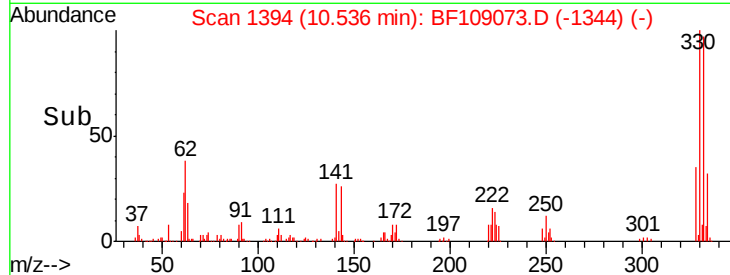
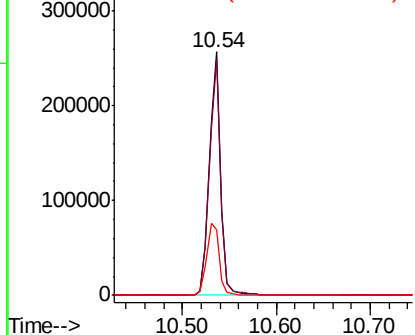
#41
 2,4,6-Tribromophenol
 Concen: 107.727 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 26kV

Tgt Ion:330 Resp: 218319
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.6 29.9 44.9

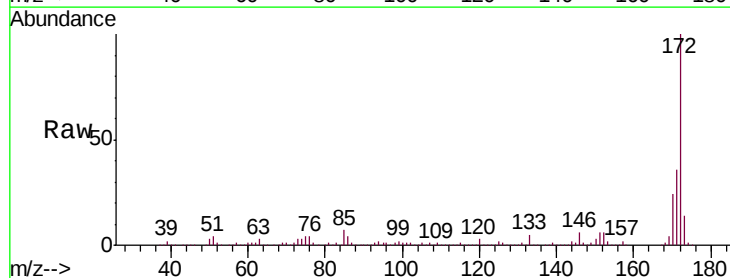


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

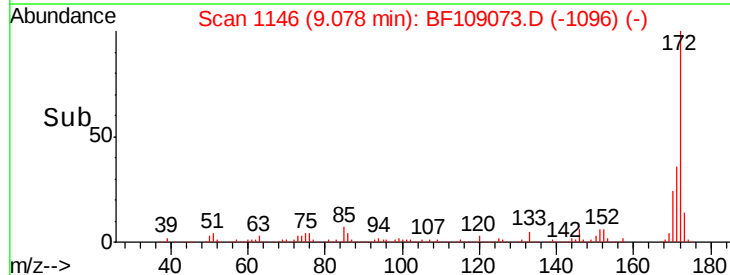
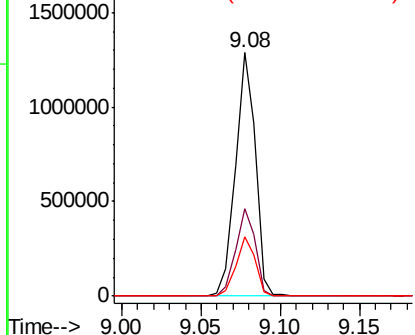


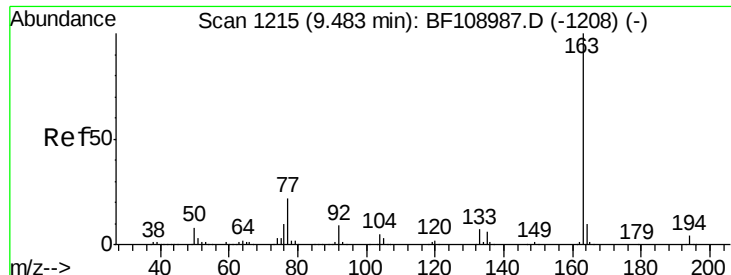
#44
 2-Fluorobiphenyl
 Concen: 94.087 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Tgt Ion:172 Resp: 1121413
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.3 19.6 29.4



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

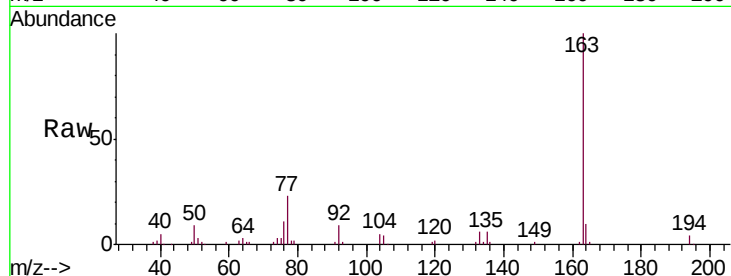




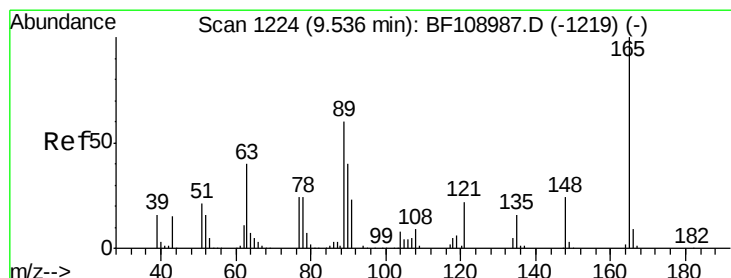
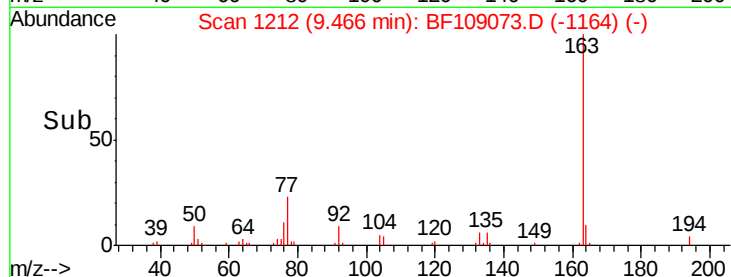
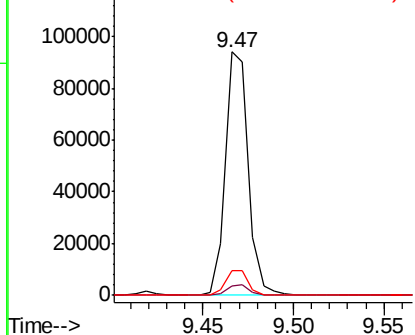
#49
Dimethylphthalate
Concen: 6.199 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109073.D
Acq: 18 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :
26kV

Tgt Ion:163 Resp: 82743
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

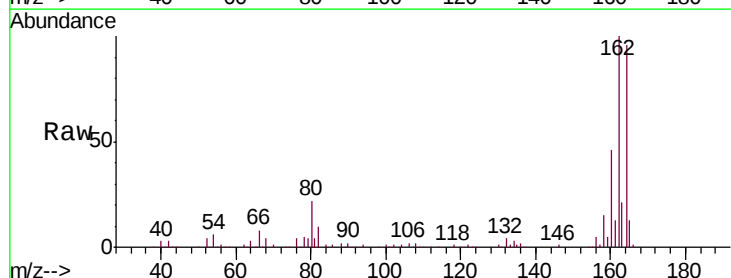


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

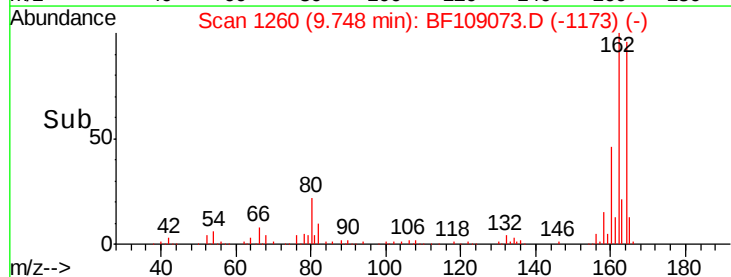
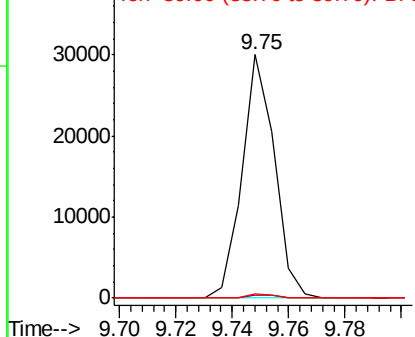


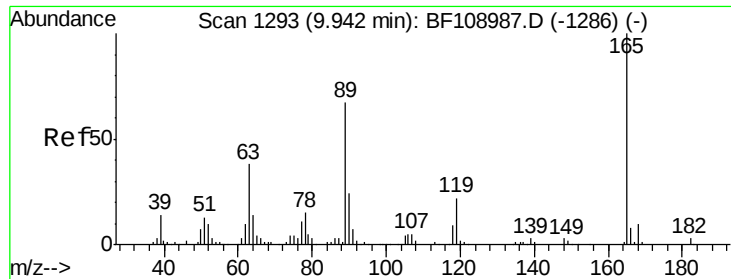
#50
2,6-Dinitrotoluene
Concen: 8.047 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109073.D
Acq: 18 Sep 2018 3:33

Tgt Ion:165 Resp: 23818
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.7 44.0 66.0#



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

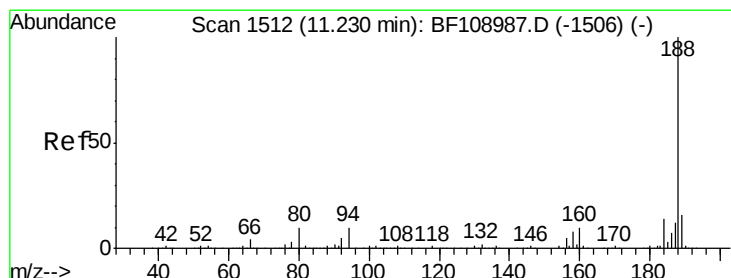
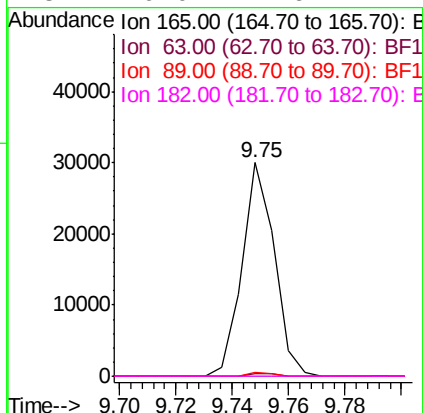
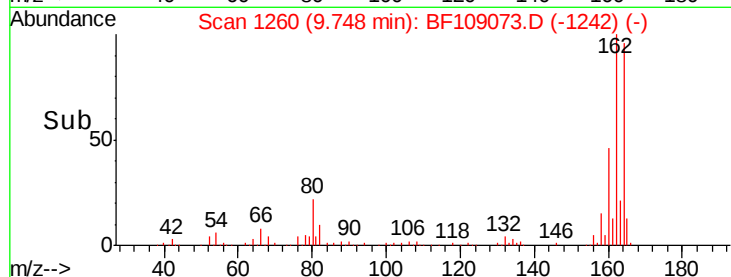
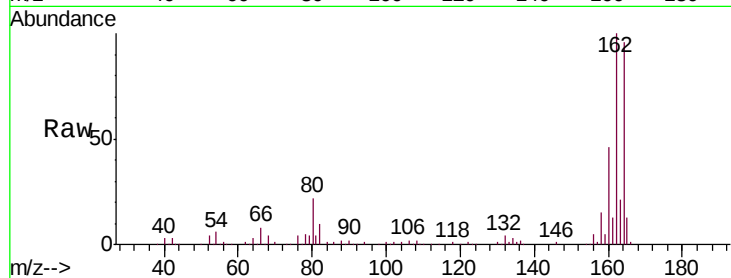




#56
 2,4-Dinitrotoluene
 Concen: 6.153 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

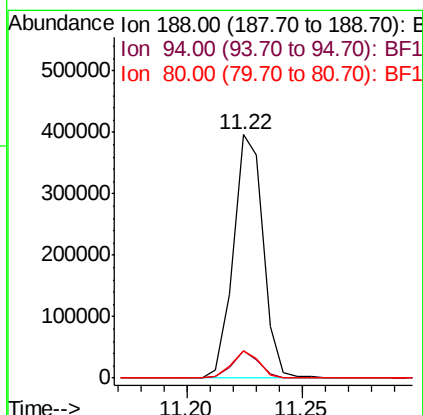
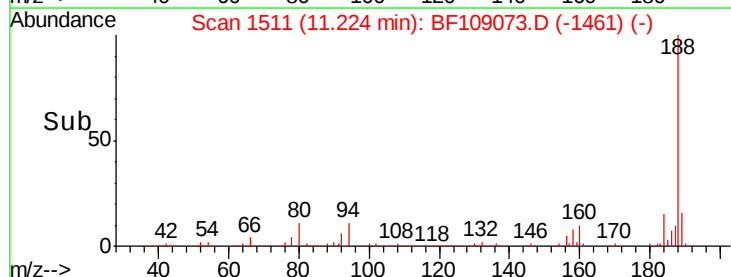
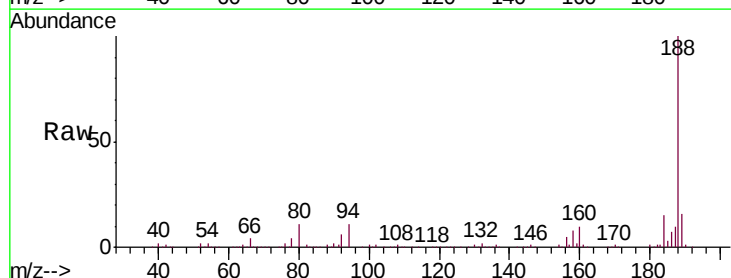
Instrument :
 BNA_F
 ClientSampleId :
 26KV

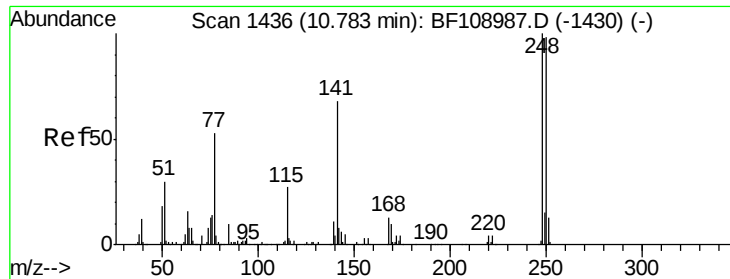
Tgt Ion:	165	Resp:	23818
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Tgt Ion:	188	Resp:	356649
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	11.3	9.2	13.8

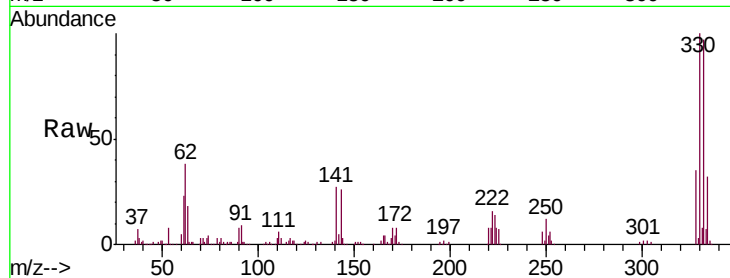




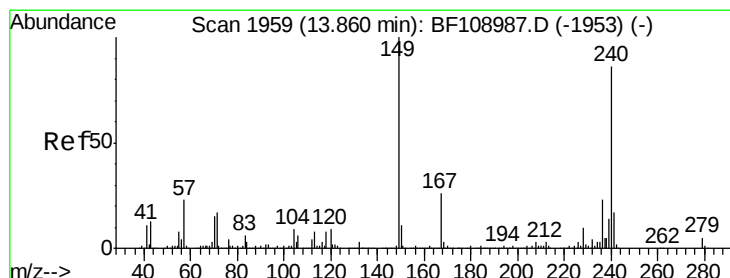
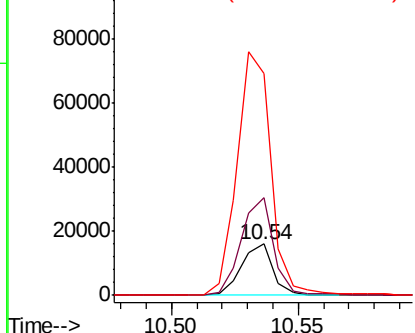
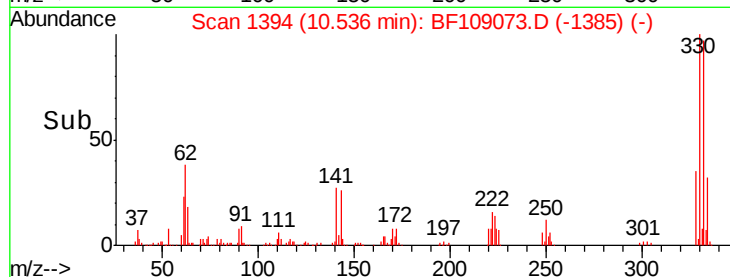
#66
 4-Bromophenyl-phenylether
 Concen: 3.450 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 26kV

Tgt Ion:248 Resp: 13872
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.9 115.3#
 141 432.1 74.4 111.6#

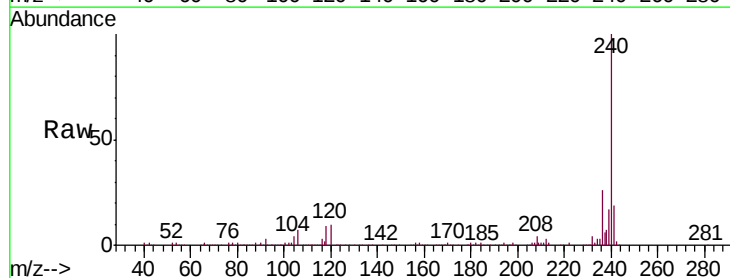


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

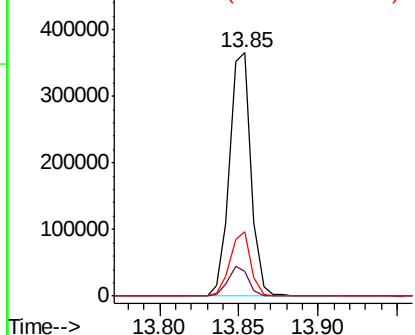
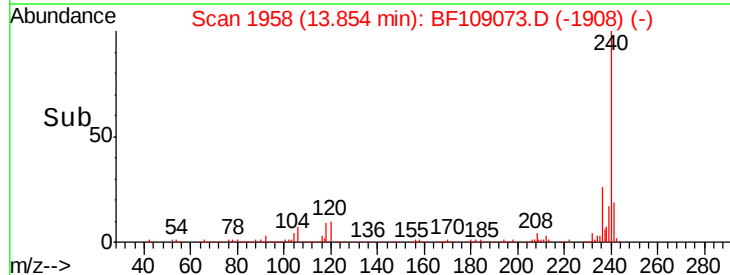


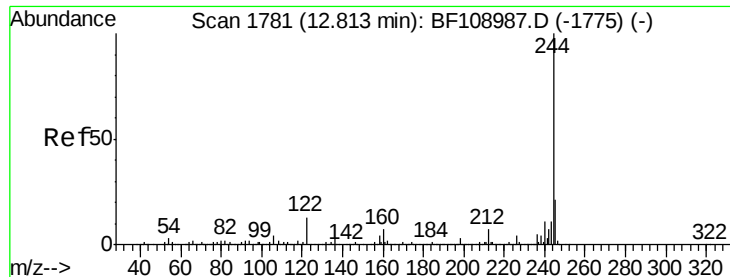
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Tgt Ion:240 Resp: 344457
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 26.3 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

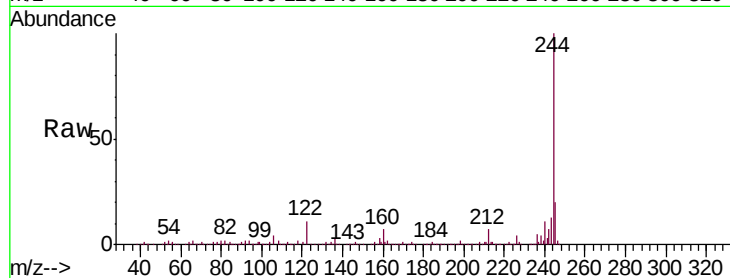




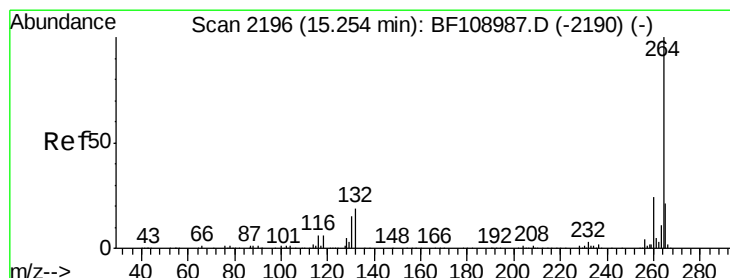
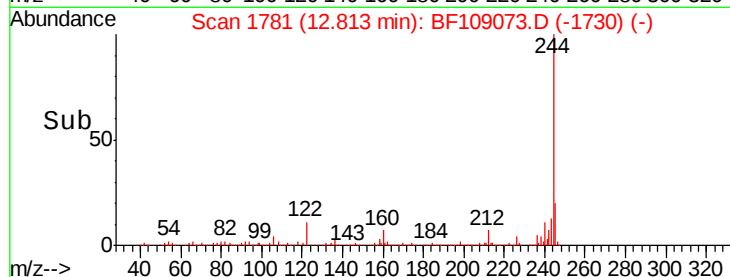
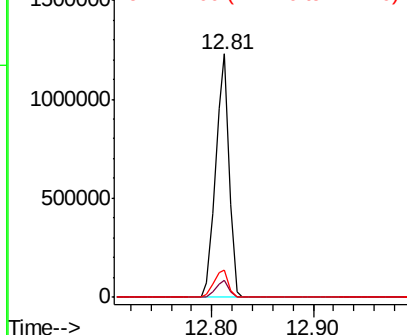
#78
 Terphenyl-d14
 Concen: 77.243 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 26KV

Tgt Ion:244 Resp: 1122524
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.0 11.0 16.4

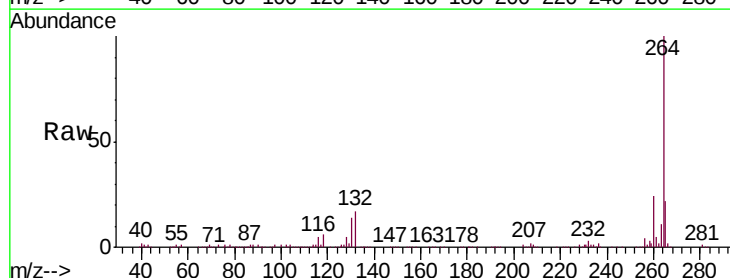


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Tgt Ion:264 Resp: 253703
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.5 26.3



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

