

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109128.D
 Acq On : 19 Sep 2018 6:30
 Operator : JU/SJ
 Sample : J4931-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 07:47:22 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

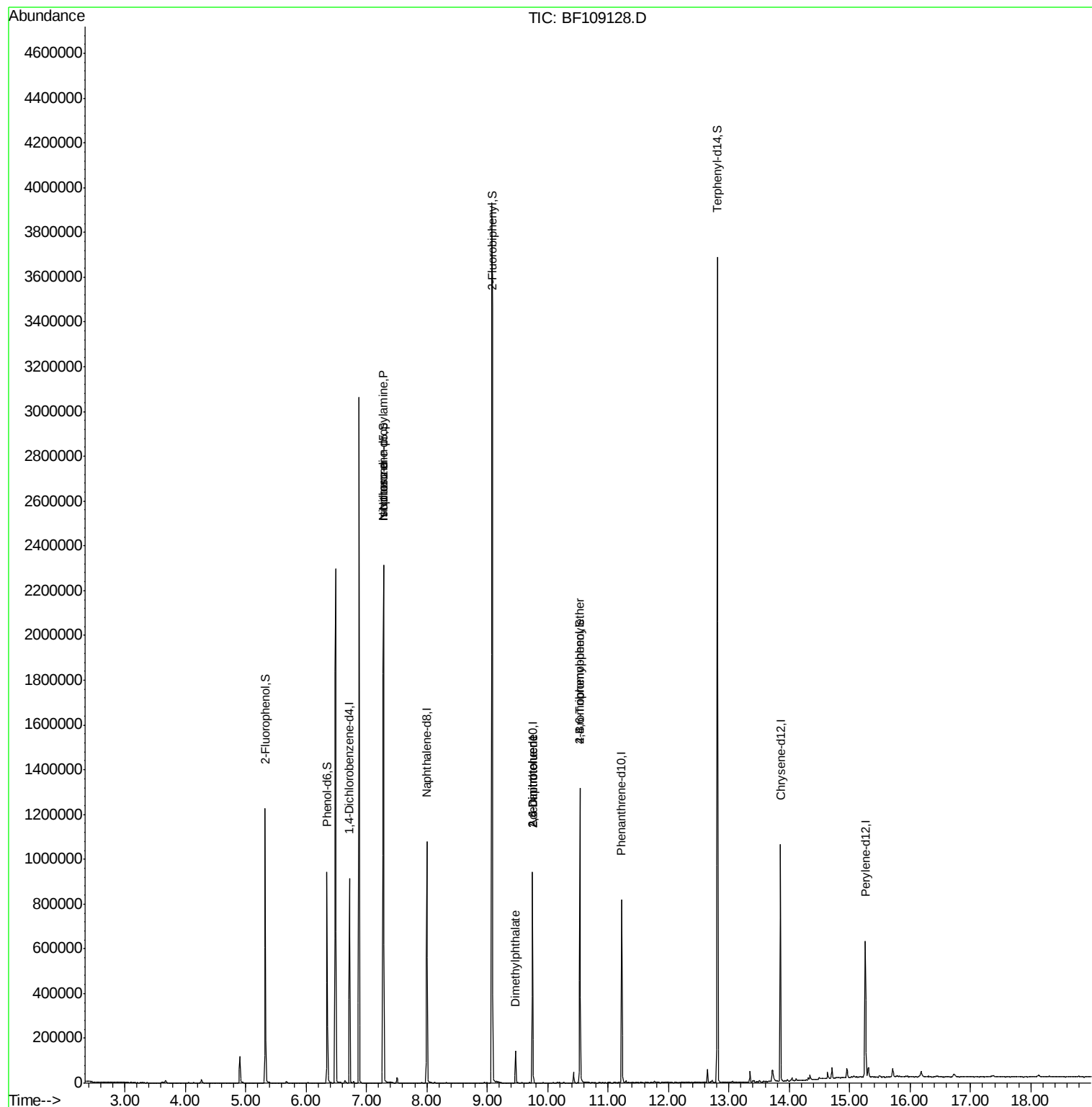
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126987	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	435488	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	177909	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	316972	20.00	ng	0.00
75) Chrysene-d12	13.85	240	340041	20.00	ng	0.00
86) Perylene-d12	15.26	264	285373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	334492	43.75	ng	0.00
7) Phenol-d6	6.35	99	263077	26.68	ng	-0.01
23) Nitrobenzene-d5	7.28	82	778920	100.32	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	171720	88.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1261551	111.10	ng	0.00
78) Terphenyl-d14	12.81	244	1245429	86.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	105839	16.241	ng	# 76
25) Isophorone	7.28	82	773824	57.979	ng	# 64
49) Dimethylphthalate	9.47	163	59664	4.692	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	22668	8.038	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22668	6.147	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	10380	2.905	ng	# 1

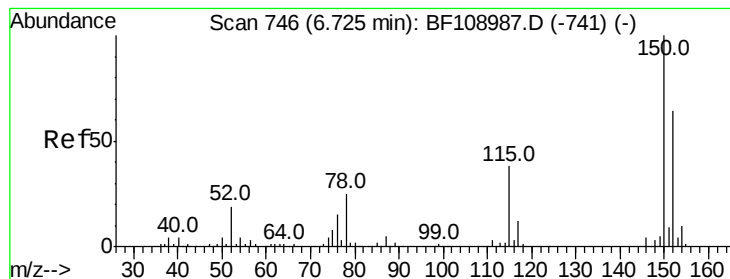
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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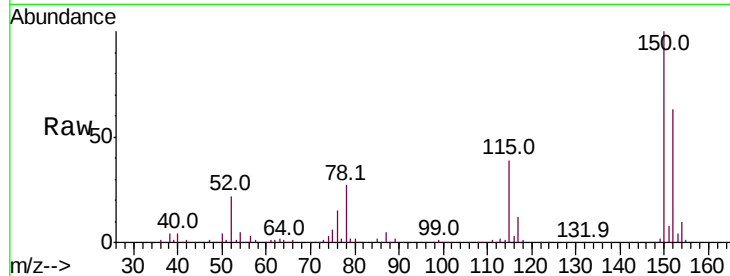


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109128.D
Acq: 19 Sep 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	62.5	50.1	75.1

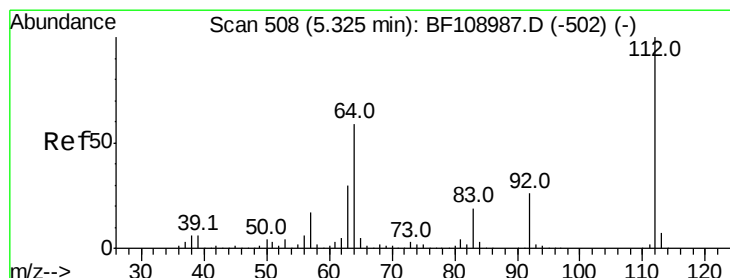
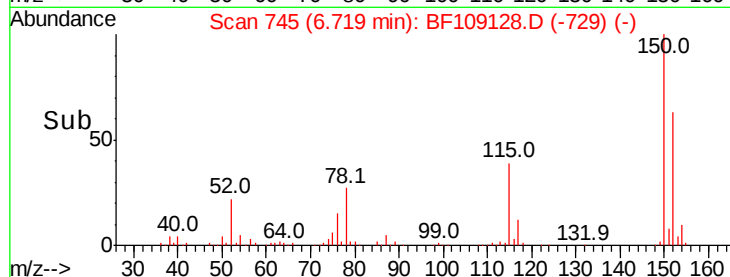
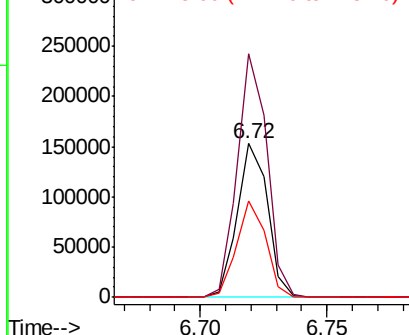


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

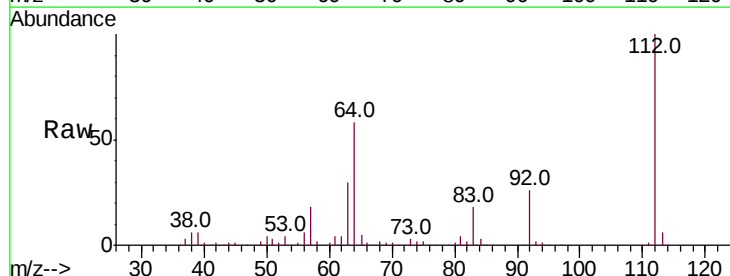
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.749 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109128.D
Acq: 19 Sep 2018 6:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.1	23.7	35.5

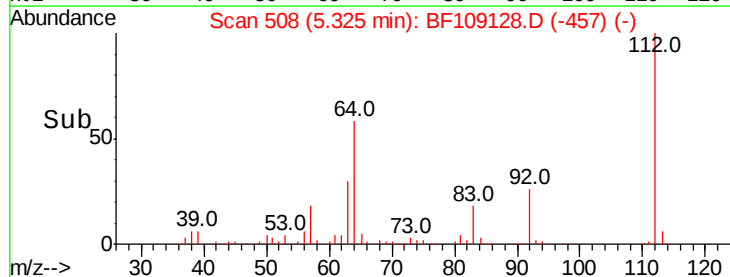
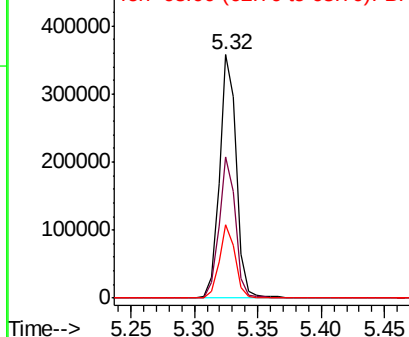


Abundance

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: 26.684 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109128.D

Acq: 19 Sep 2018 6:30

Instrument :

BNA_F

ClientSampleId :

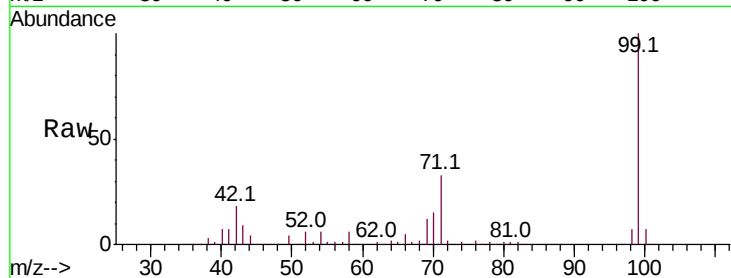
Tot Ion: 99 Resp: 263077

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

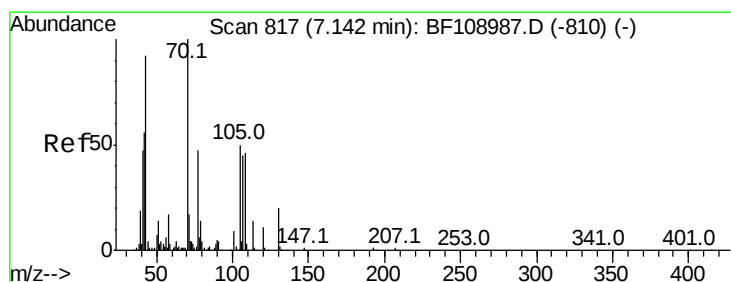
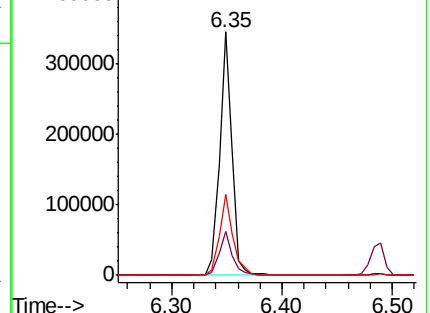
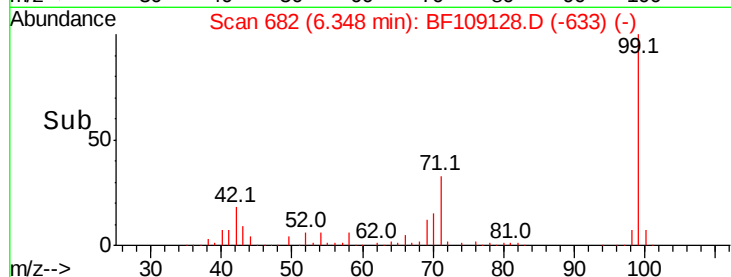
71 33.5 25.4 38.0



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: 16.241 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109128.D

Acq: 19 Sep 2018 6:30

Tgt Ion: 70 Resp: 105839

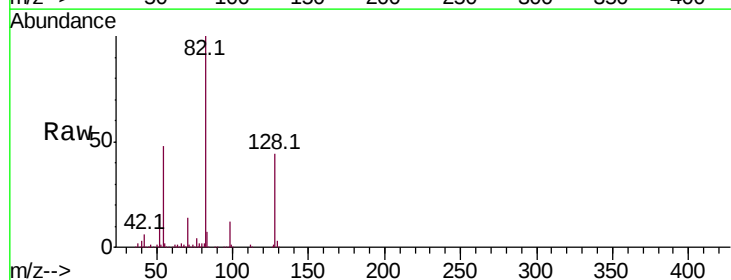
Ion Ratio Lower Upper

70 100

42 45.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

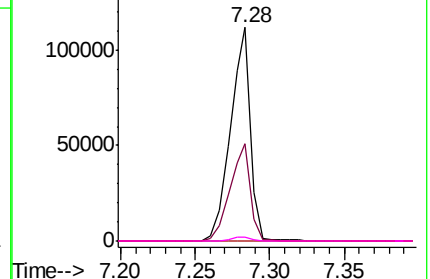
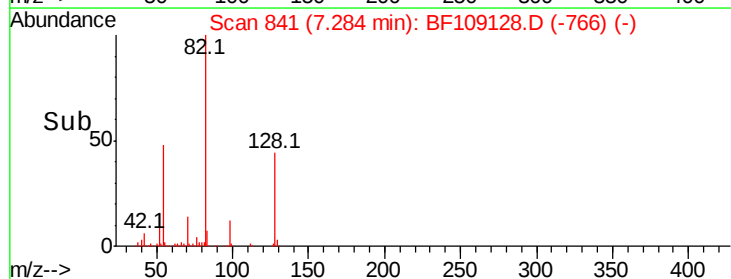


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109128.D

Acq: 19 Sep 2018 6:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 435488

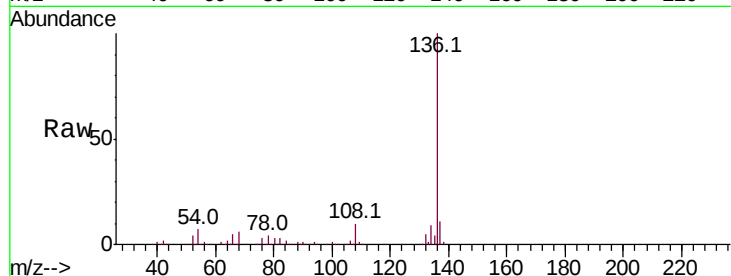
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

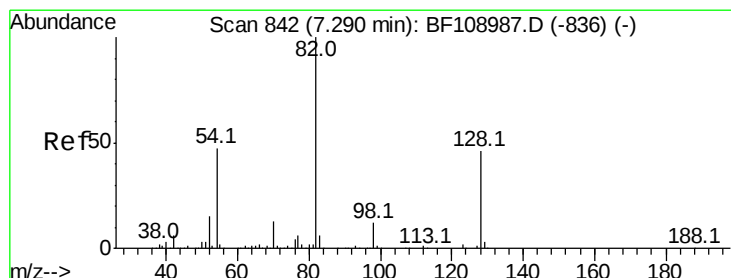
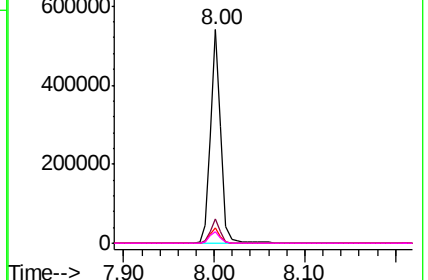
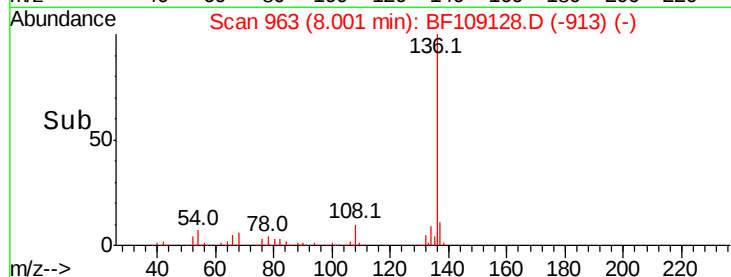


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.320 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109128.D

Acq: 19 Sep 2018 6:30

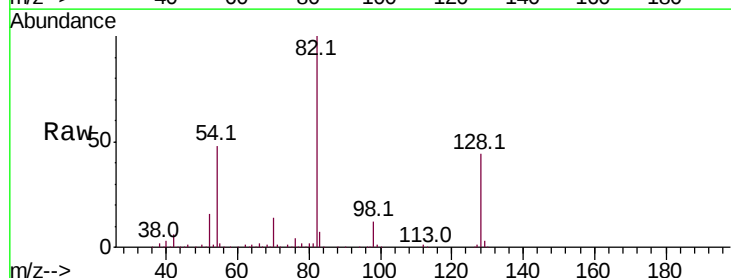
Tgt Ion: 82 Resp: 778920

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

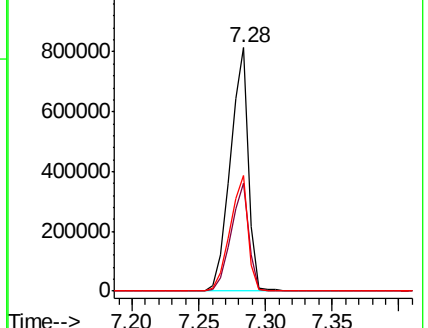
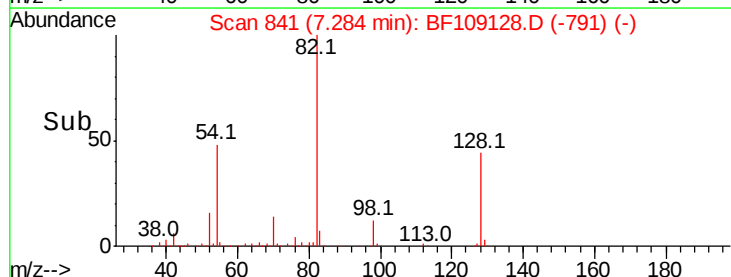
54 47.7 41.4 62.2

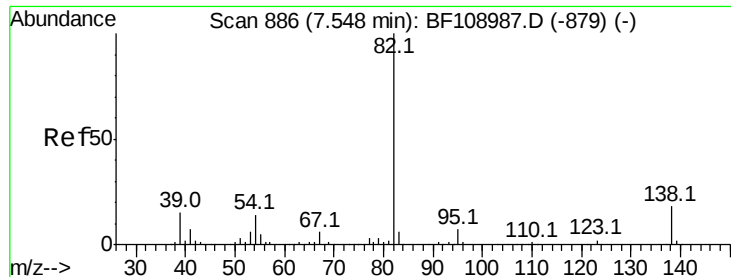


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.979 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109128.D

Acq: 19 Sep 2018 6:30

Instrument :

BNA_F

ClientSampleId :

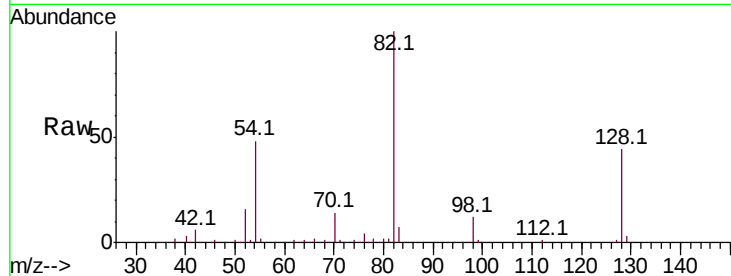
Tot Ion: 82 Resp: 773824

Ion Ratio Lower Upper

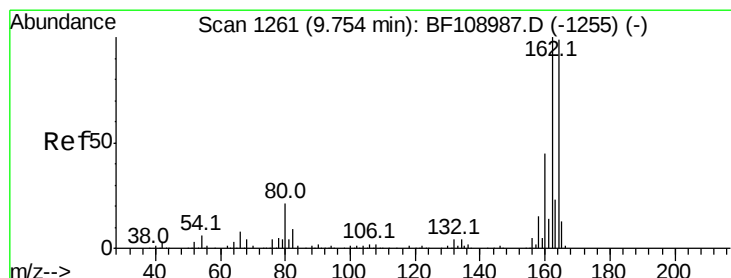
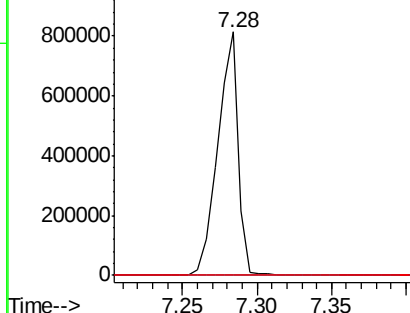
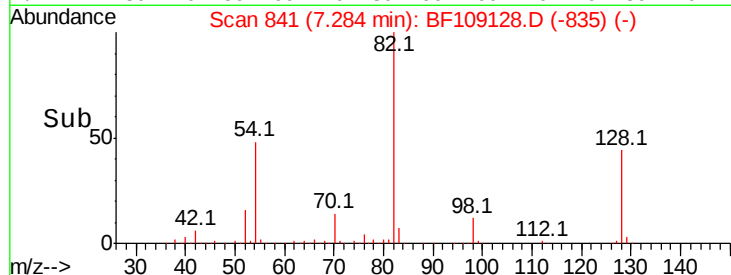
82 100

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: BF109128.D

Acq: 19 Sep 2018 6:30

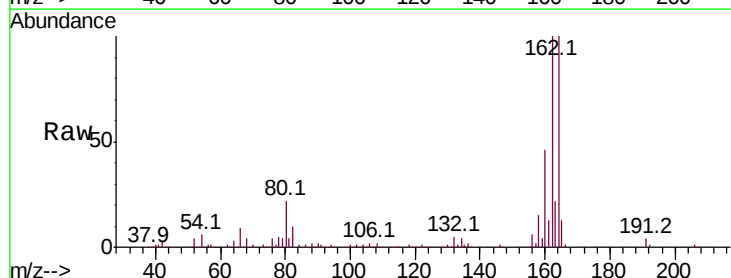
Tgt Ion:164 Resp: 177909

Ion Ratio Lower Upper

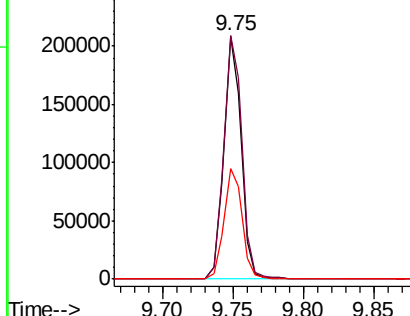
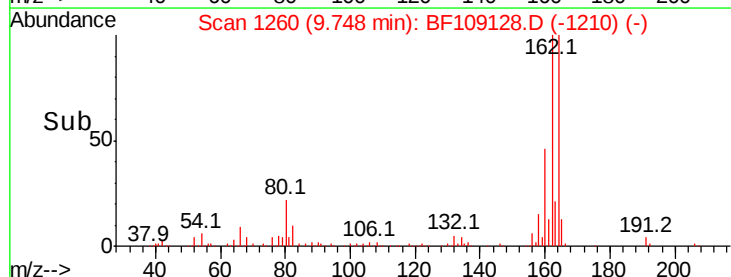
164 100

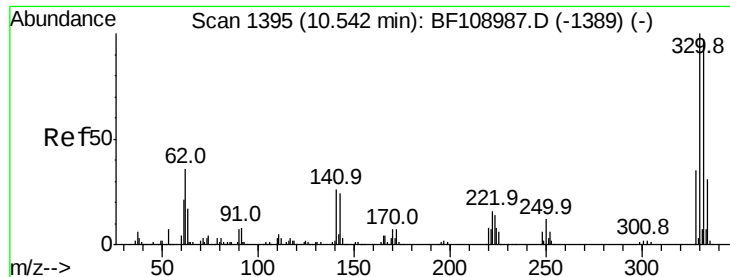
162 100.4 86.1 129.1

160 45.7 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

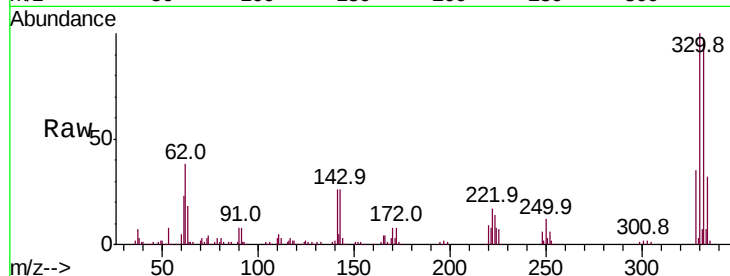




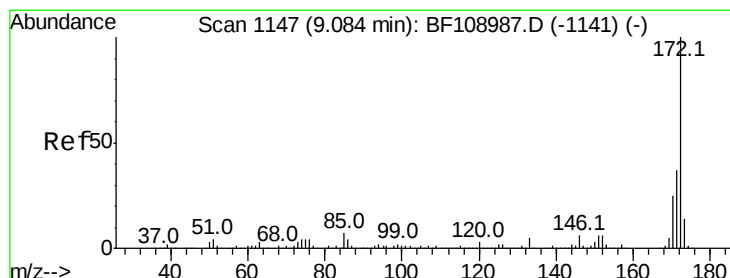
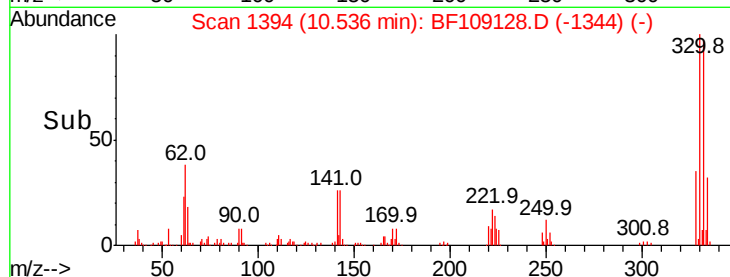
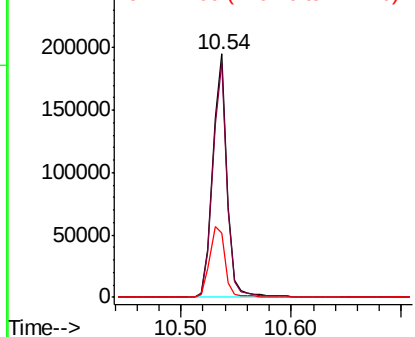
#41
 2,4,6-Tribromophenol
 Concen: 88.938 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109128.D
 Acq: 19 Sep 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.4	29.9	44.9

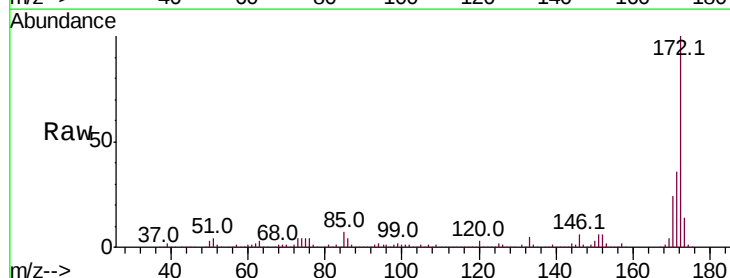


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

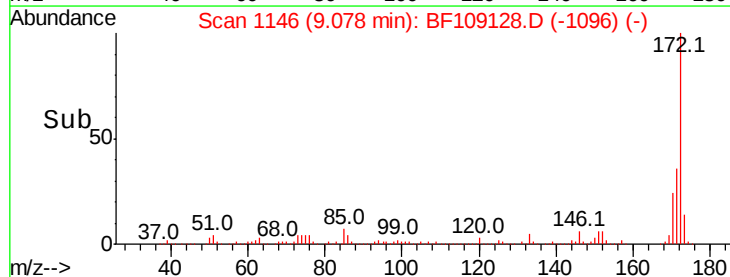
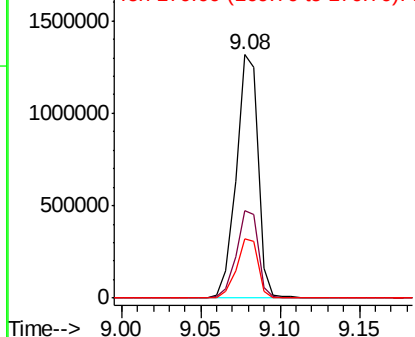


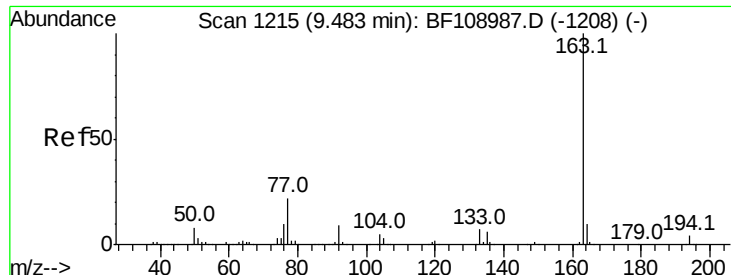
#44
 2-Fluorobiphenyl
 Concen: 111.097 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109128.D
 Acq: 19 Sep 2018 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	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

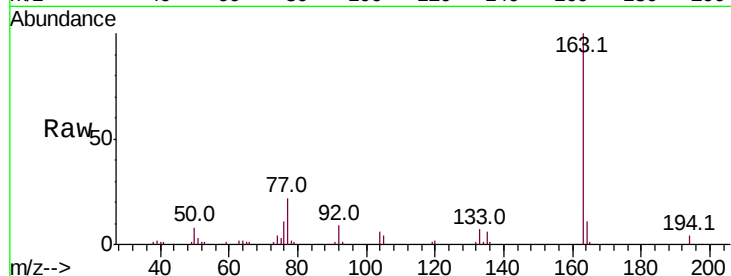




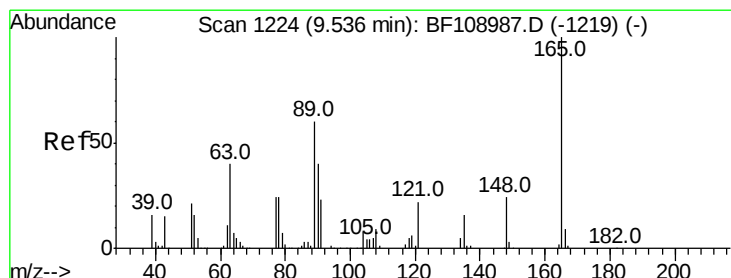
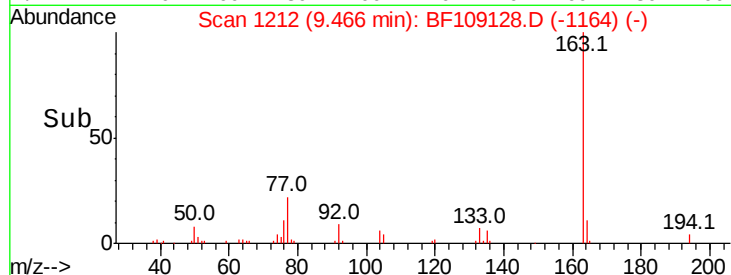
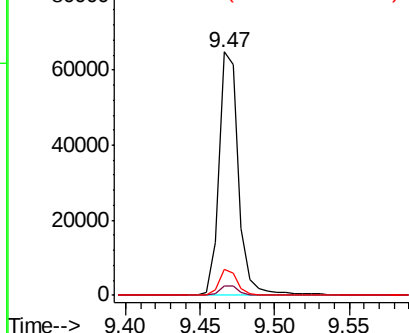
#49
Dimethylphthalate
Concen: 4.692 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109128.D
Acq: 19 Sep 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 59664
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.7 8.2 12.2

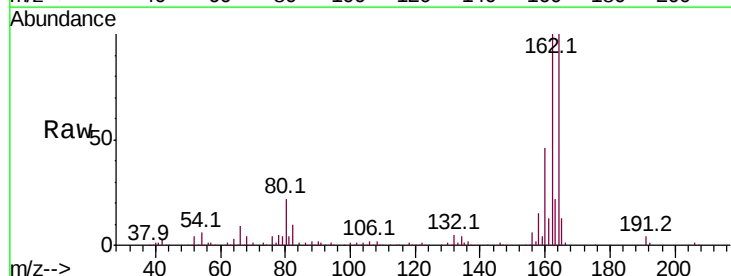


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

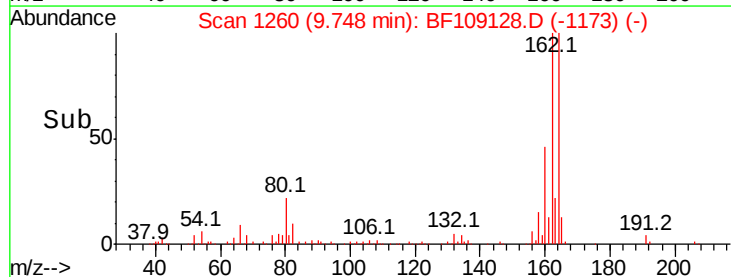
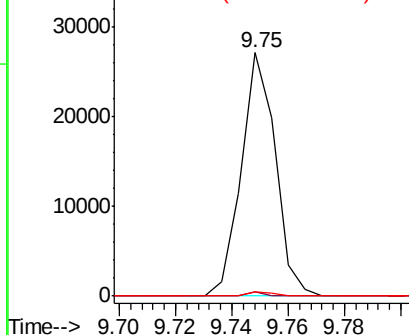


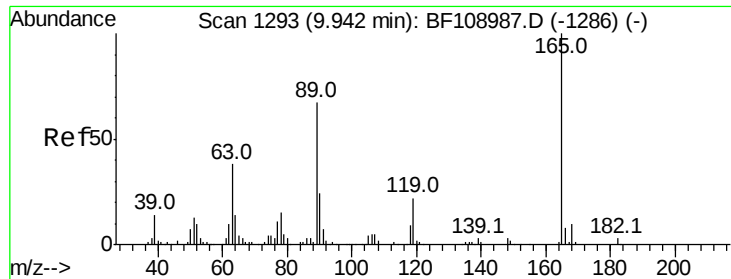
#50
2,6-Dinitrotoluene
Concen: 8.038 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109128.D
Acq: 19 Sep 2018 6:30

Tgt Ion:165 Resp: 22668
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 2.0 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

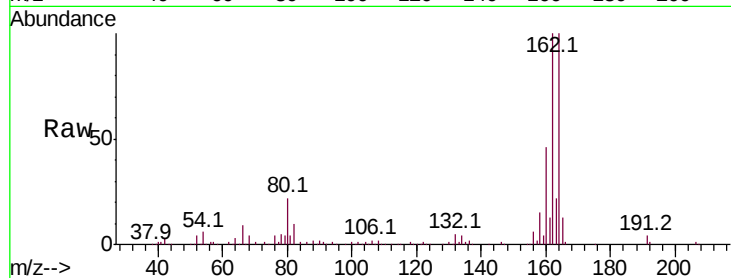




#56
 2,4-Dinitrotoluene
 Concen: 6.147 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109128.D
 Acq: 19 Sep 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



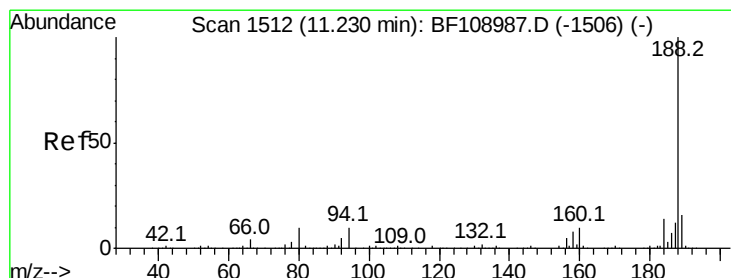
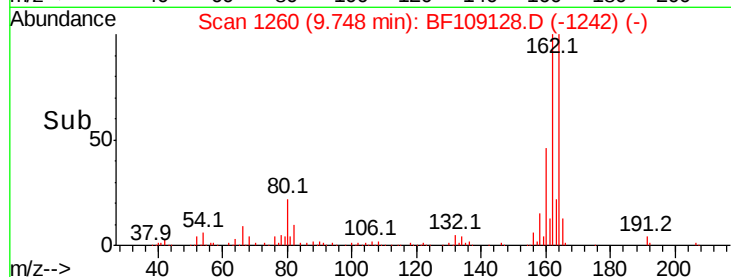
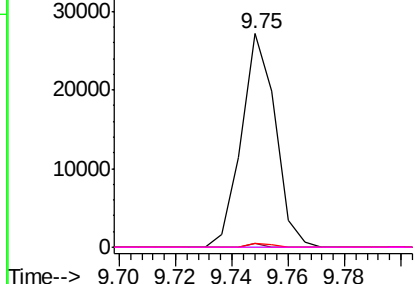
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

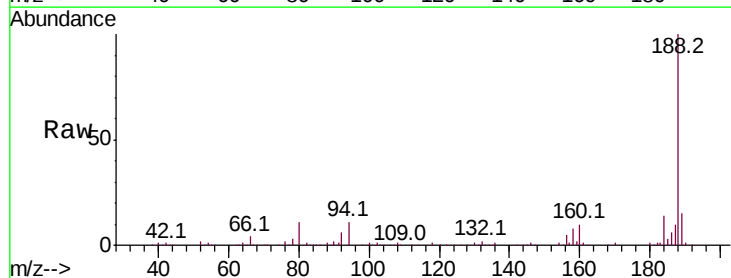
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109128.D
 Acq: 19 Sep 2018 6:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.6	9.2	13.8

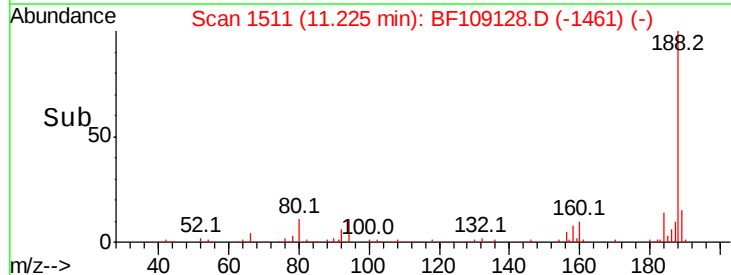
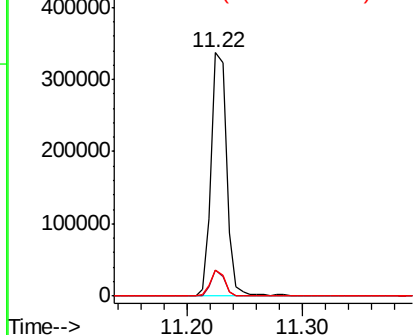


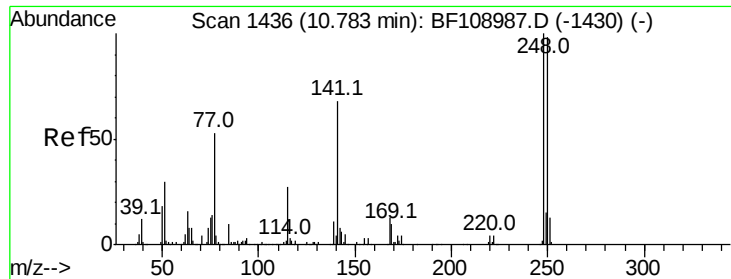
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

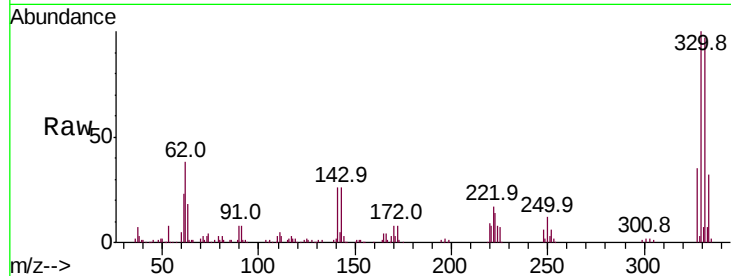




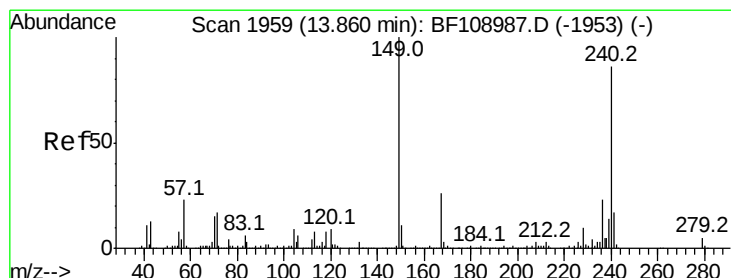
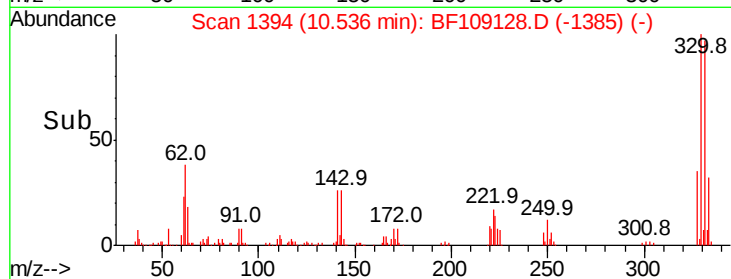
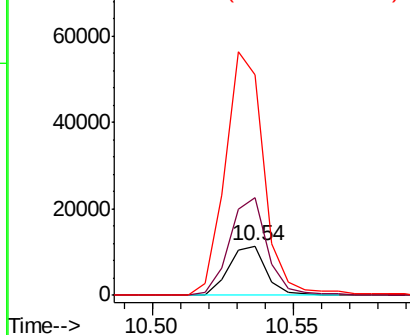
#66
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109128.D
Acq: 19 Sep 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10380
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 450.5 74.4 111.6#

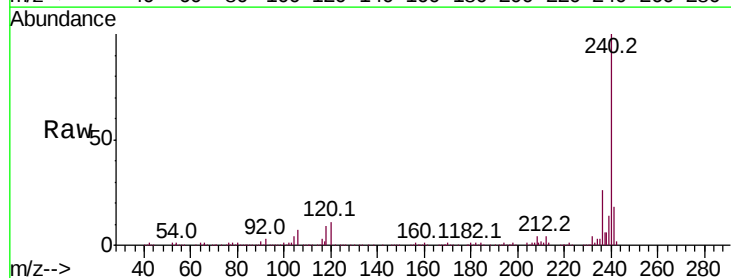


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

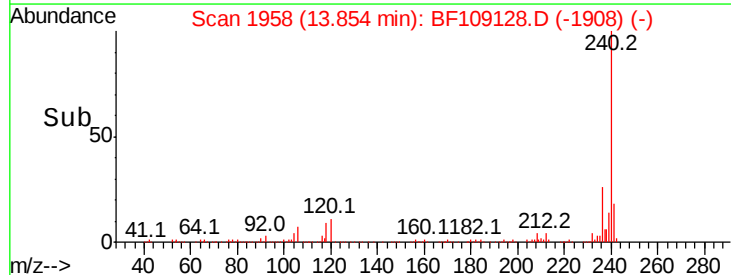
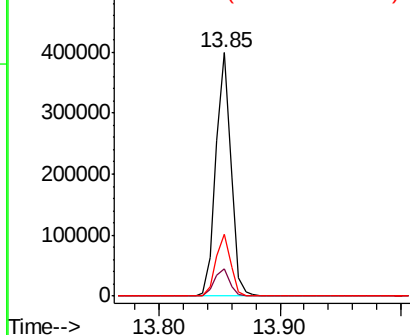


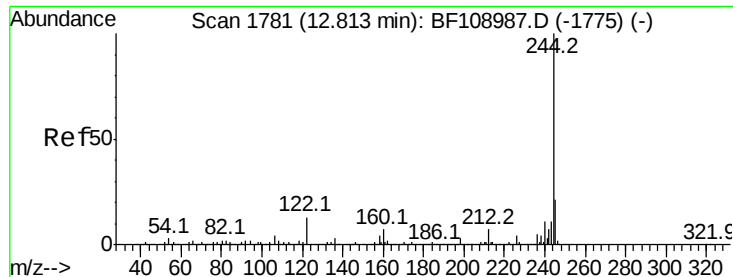
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109128.D
Acq: 19 Sep 2018 6:30

Tgt Ion:240 Resp: 340041
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.5 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: 86.813 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109128.D

Acq: 19 Sep 2018 6:30

Instrument :

BNA_F

ClientSampleId :

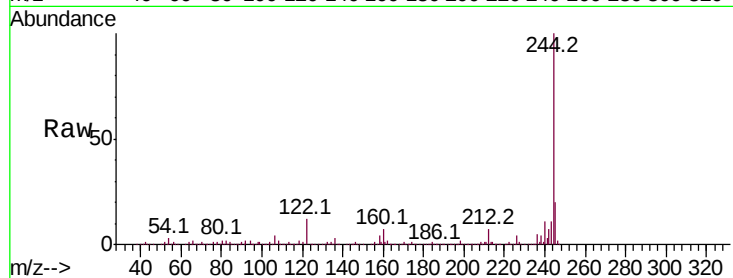
Tot Ion:244 Resp: 1245429

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4

244 100

212 7.2 5.4 8.0

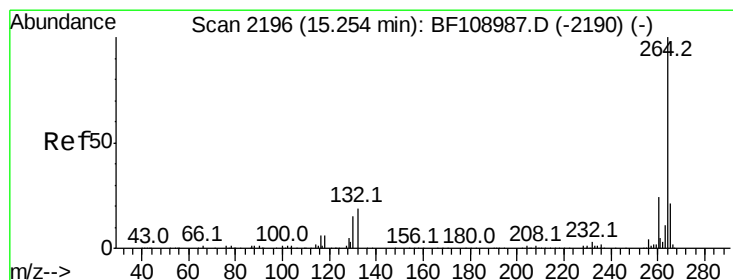
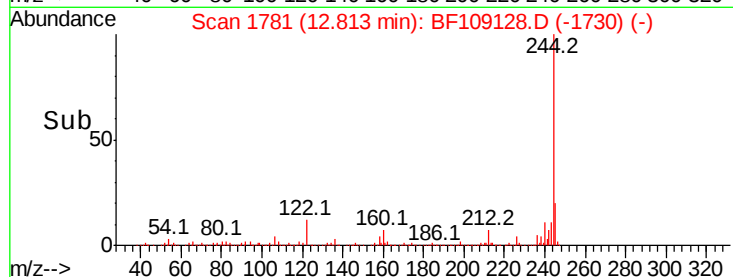
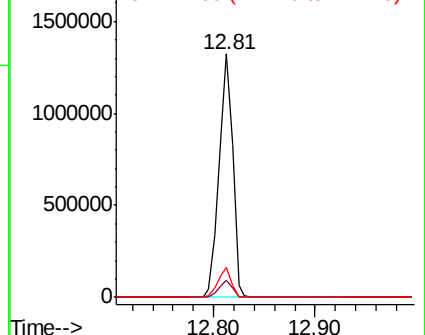
122 12.1 11.0 16.4



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: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109128.D

Acq: 19 Sep 2018 6:30

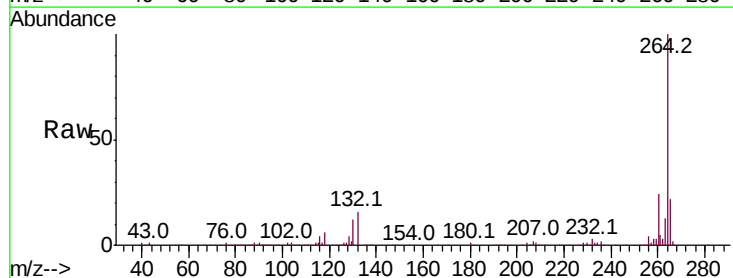
Tgt Ion:264 Resp: 285373

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

264 100

260 23.9 19.2 28.8

265 21.5 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

