

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109130.D
 Acq On : 19 Sep 2018 7:24
 Operator : JU/SJ
 Sample : J4931-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 07:47:40 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

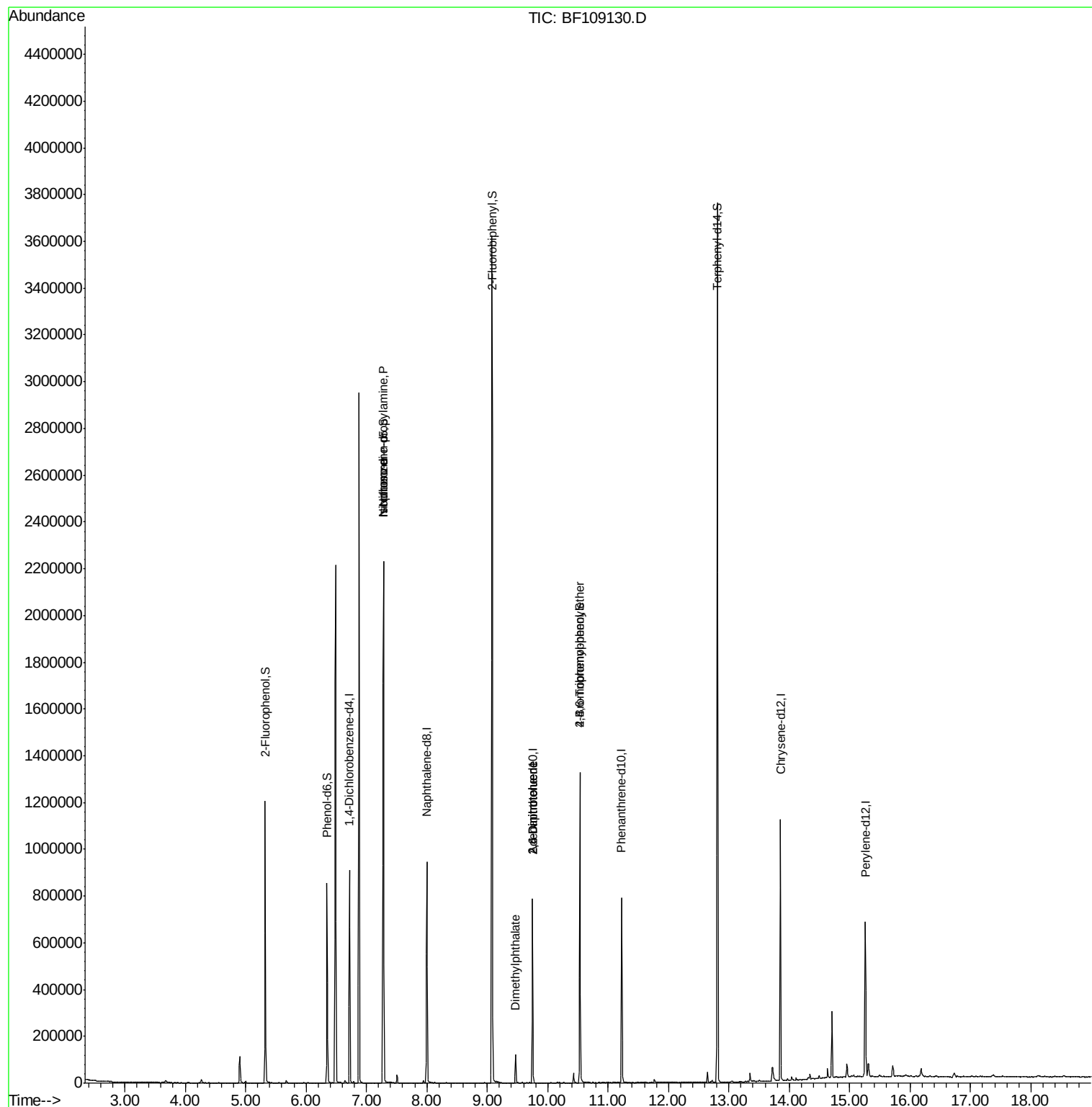
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123256	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	400980	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	154627	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	294867	20.00	ng	0.00
75) Chrysene-d12	13.85	240	356356	20.00	ng	0.00
86) Perylene-d12	15.26	264	288749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	325527	43.87	ng	0.00
7) Phenol-d6	6.35	99	244407	25.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	723908	101.26	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	174342	103.89	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1110431	112.51	ng	0.00
78) Terphenyl-d14	12.81	244	1267296	84.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	96829	15.308	ng	# 77
25) Isophorone	7.28	82	719096	58.515	ng	# 64
49) Dimethylphthalate	9.47	163	51699	4.678	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	19662	8.022	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	19662	6.134	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	10644	3.202	ng	# 1

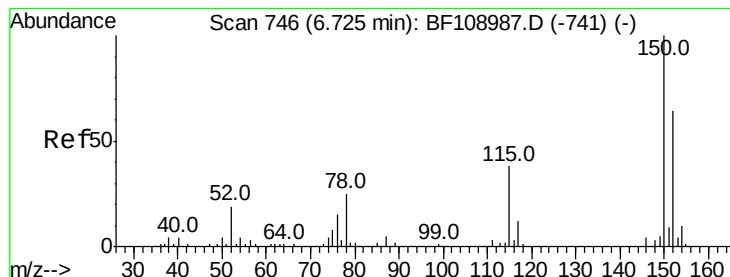
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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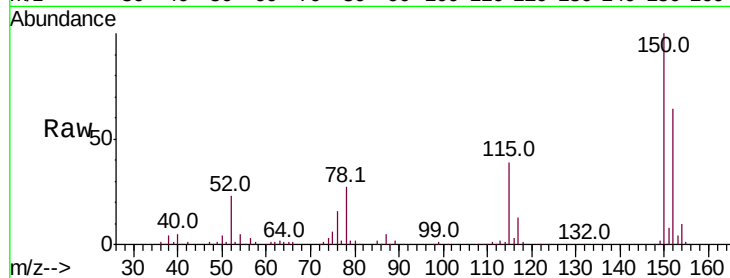


#1

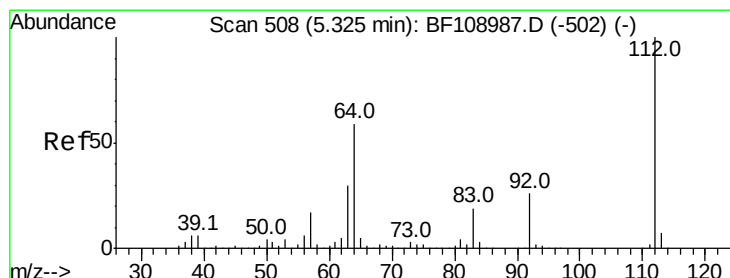
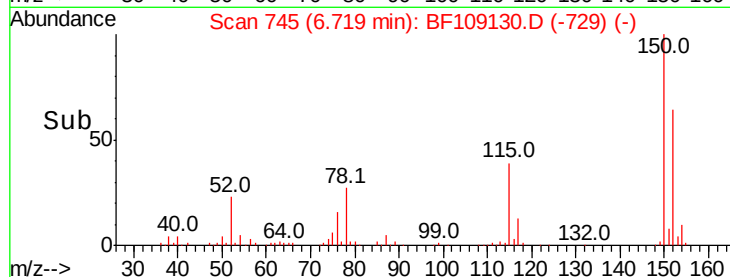
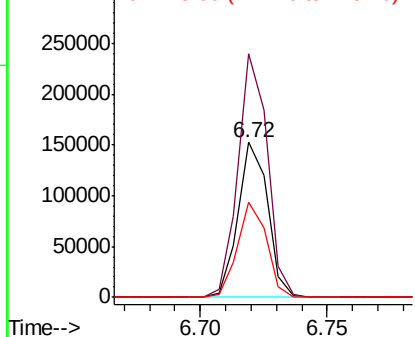
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109130.D
Acq: 19 Sep 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123256
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.4 50.1 75.1



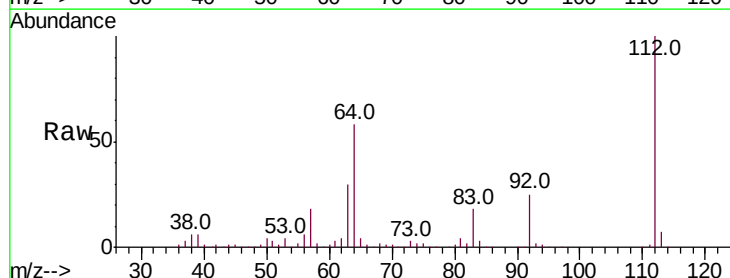
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



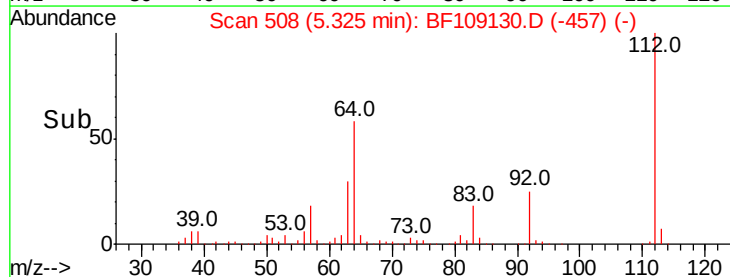
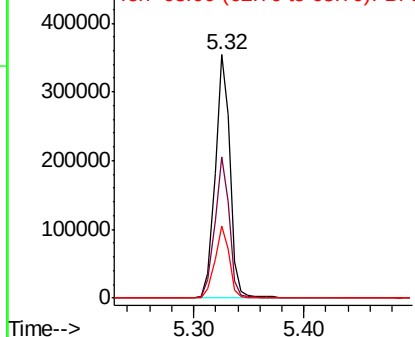
#5

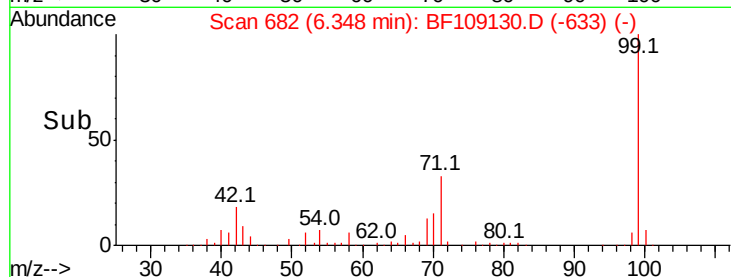
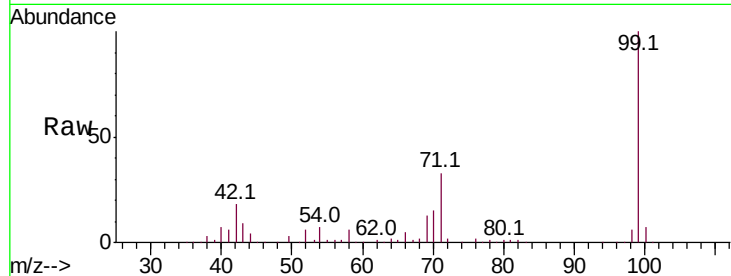
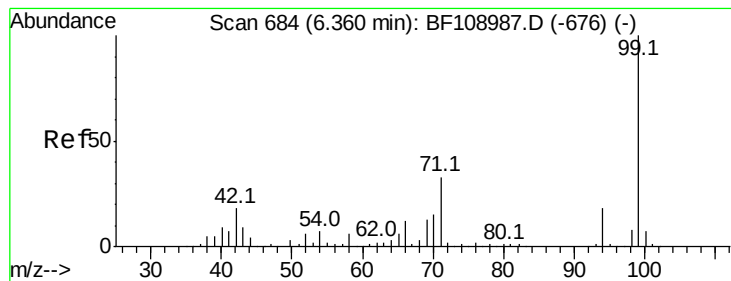
2-Fluorophenol
Concen: 43.865 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109130.D
Acq: 19 Sep 2018 7:24

Tgt Ion:112 Resp: 325527
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.8 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: 25.541 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109130.D

Acq: 19 Sep 2018 7:24

Instrument :

BNA_F

ClientSampleId :

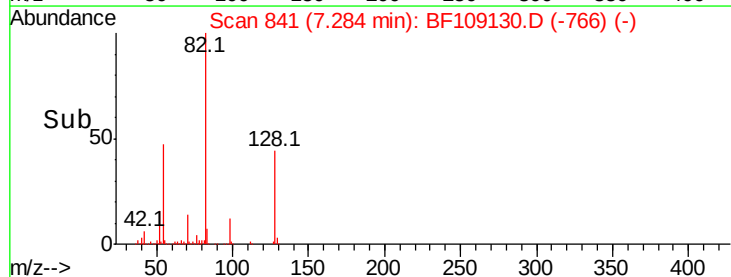
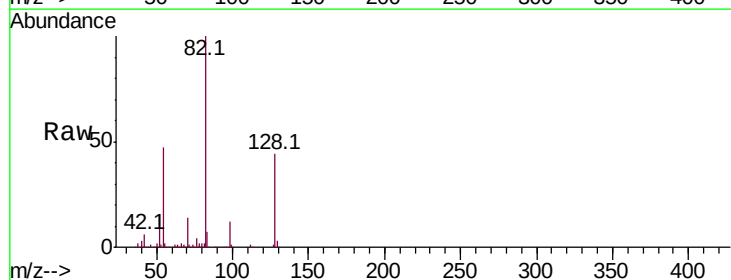
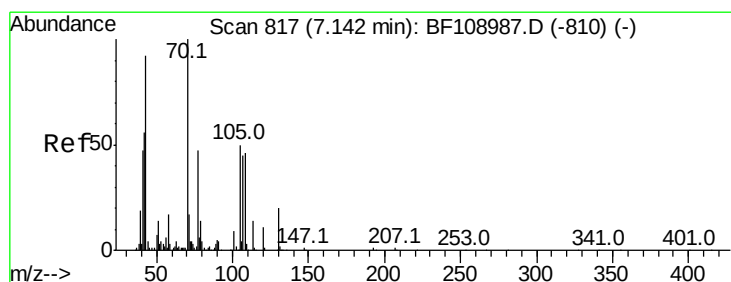
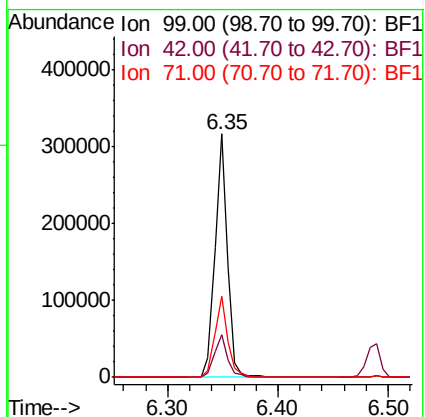
Tot Ion: 99 Resp: 244407

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.308 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109130.D

Acq: 19 Sep 2018 7:24

Tgt Ion: 70 Resp: 96829

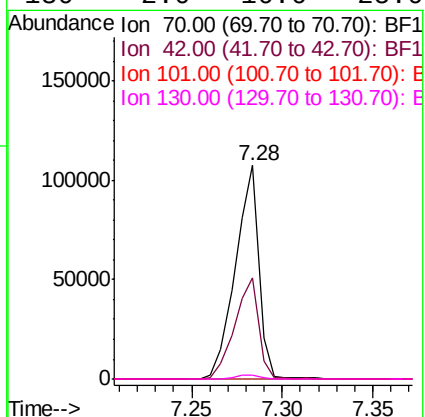
Ion Ratio Lower Upper

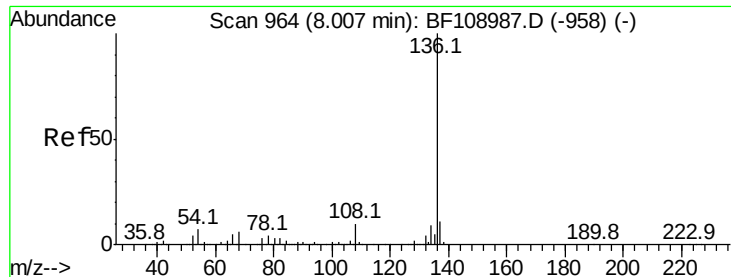
70 100

42 47.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

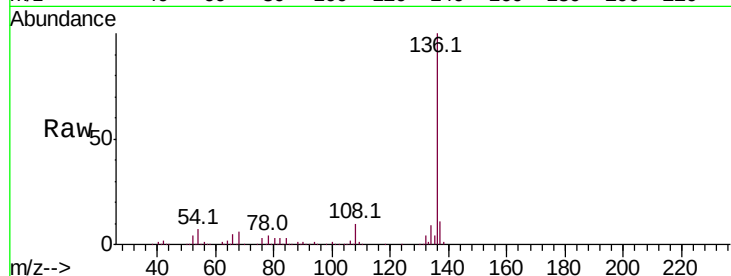




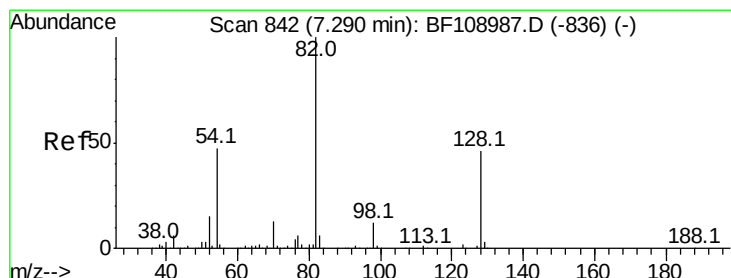
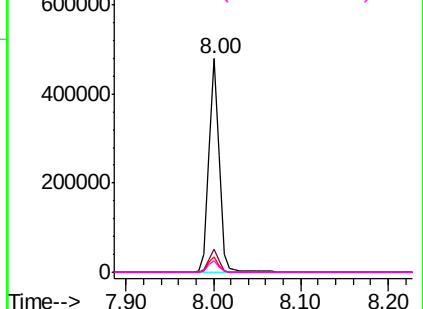
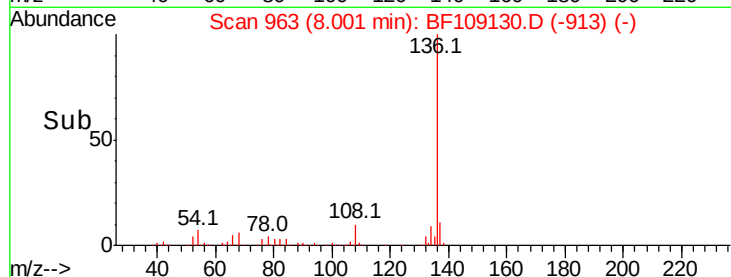
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109130.D
Acq: 19 Sep 2018 7:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	400980
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

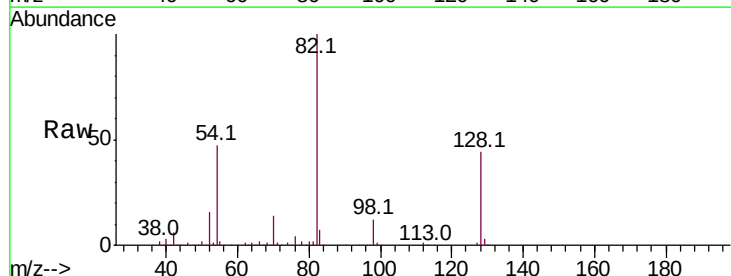


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

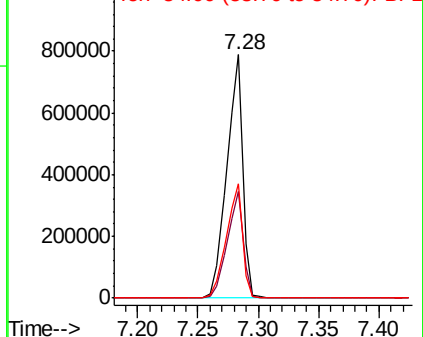
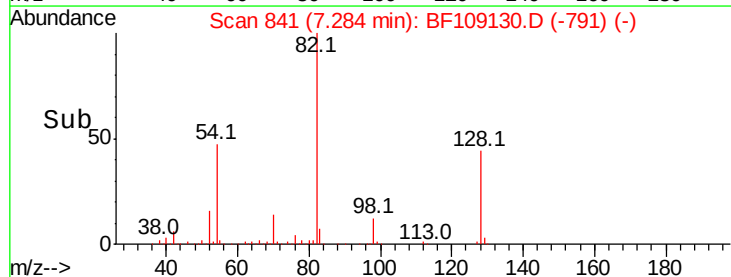


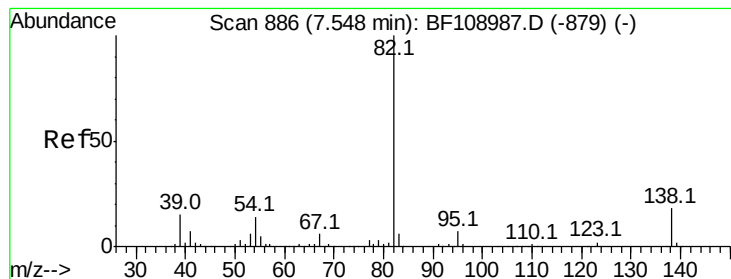
#23
Nitrobenzene-d5
Concen: 101.259 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109130.D
Acq: 19 Sep 2018 7:24

Tgt Ion:	82	Resp:	723908
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	46.8	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: 58.515 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109130.D

Acq: 19 Sep 2018 7:24

Instrument :

BNA_F

ClientSampled :

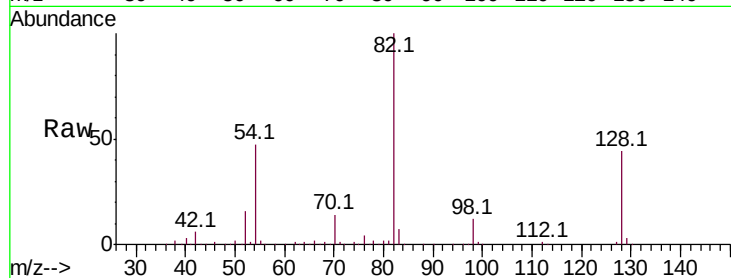
Tot Ion: 82 Resp: 719096

Ion Ratio Lower Upper

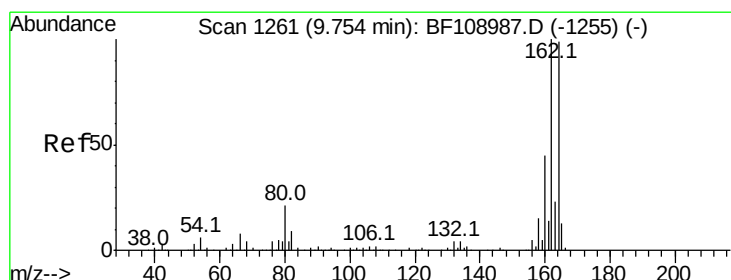
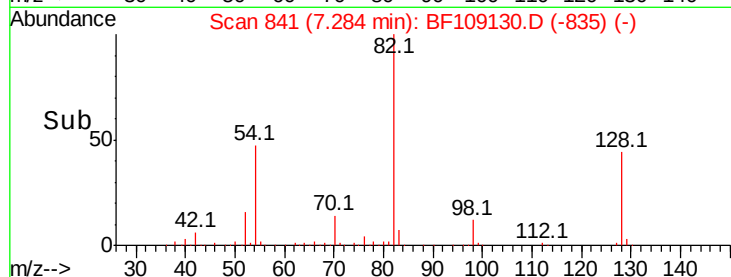
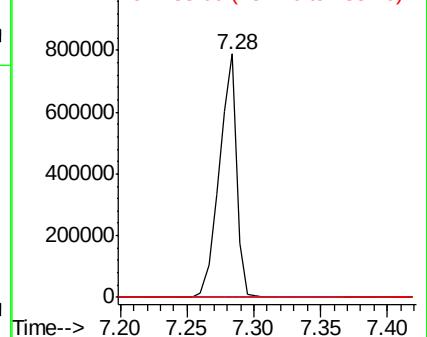
82 100

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: BF109130.D

Acq: 19 Sep 2018 7:24

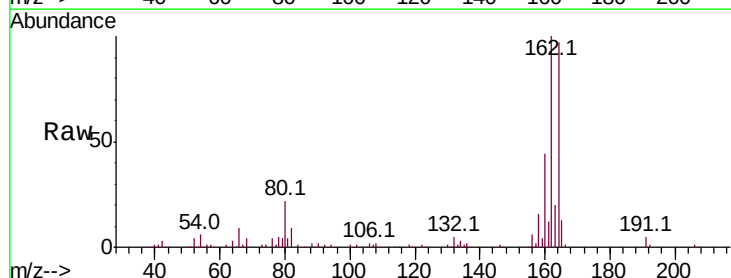
Tgt Ion:164 Resp: 154627

Ion Ratio Lower Upper

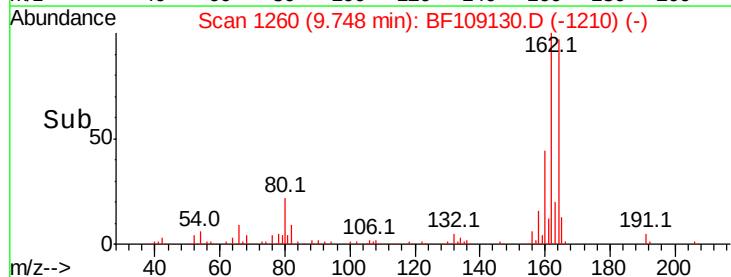
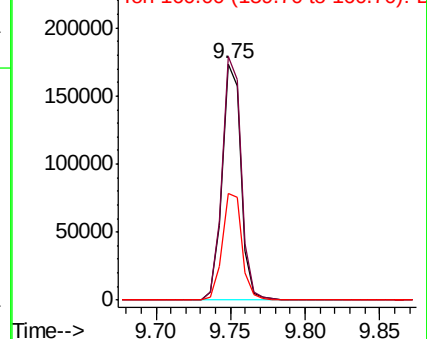
164 100

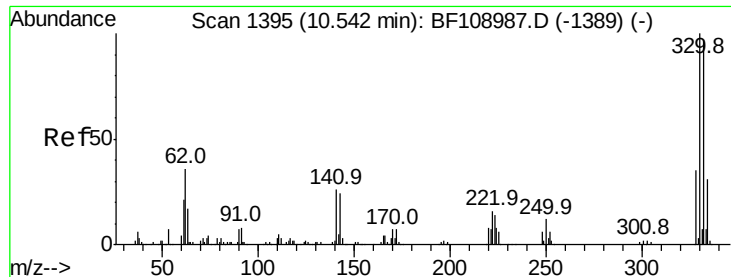
162 103.0 86.1 129.1

160 44.9 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

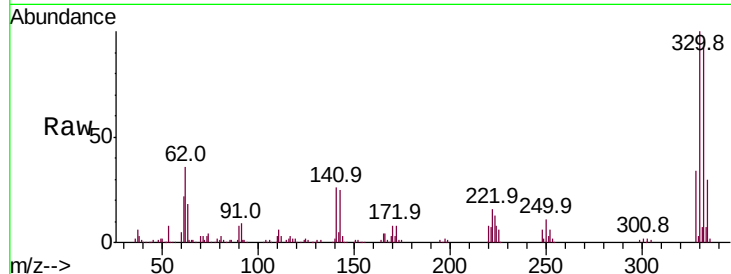




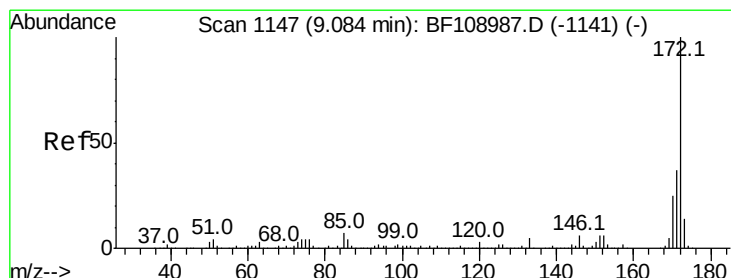
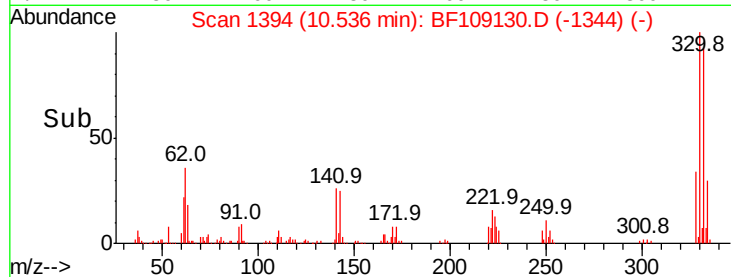
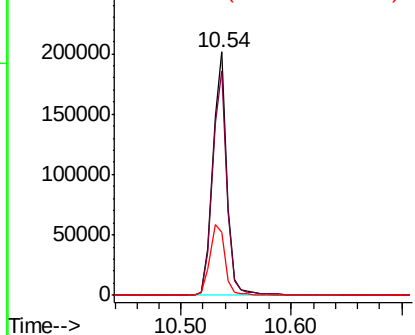
#41
 2,4,6-Tribromophenol
 Concen: 103.892 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.3	29.9	44.9

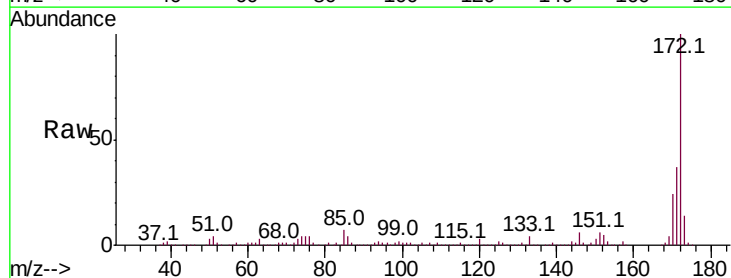


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

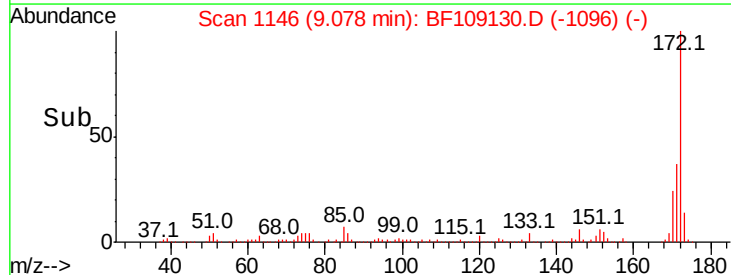
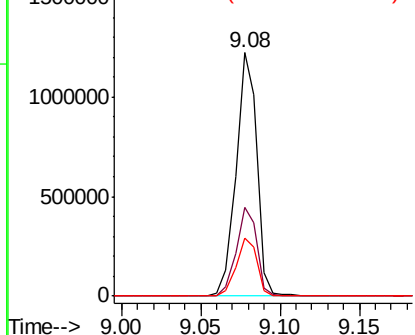


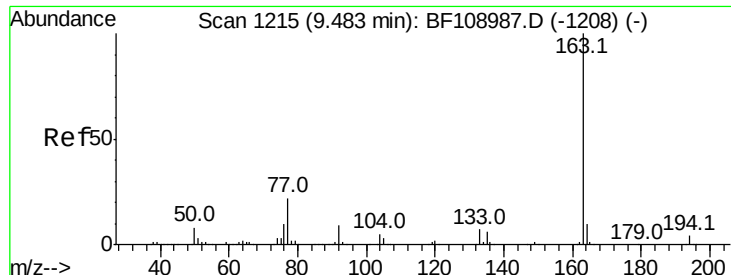
#44
 2-Fluorobiphenyl
 Concen: 112.512 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	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

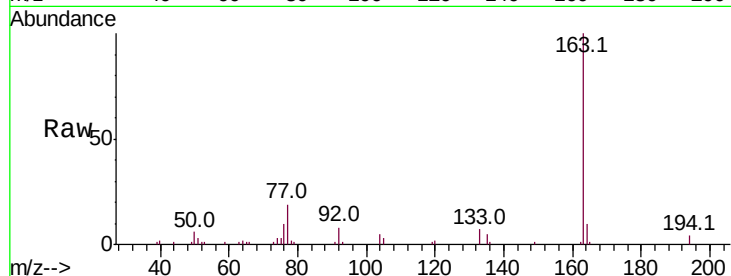




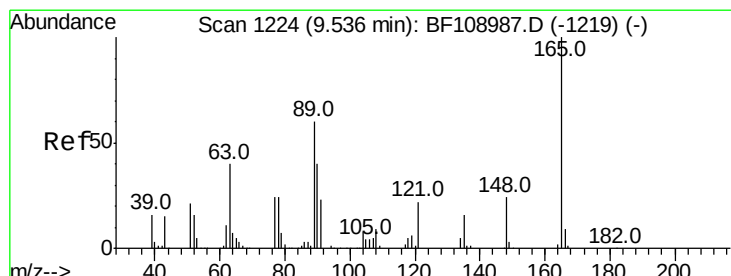
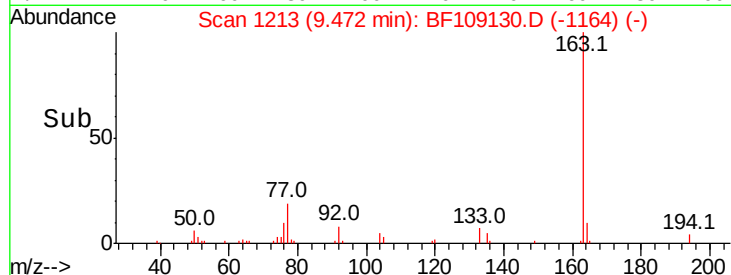
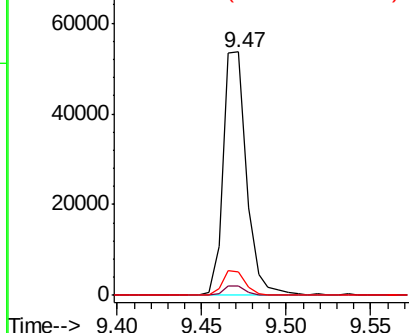
#49
 Dimethylphthalate
 Concen: 4.678 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2

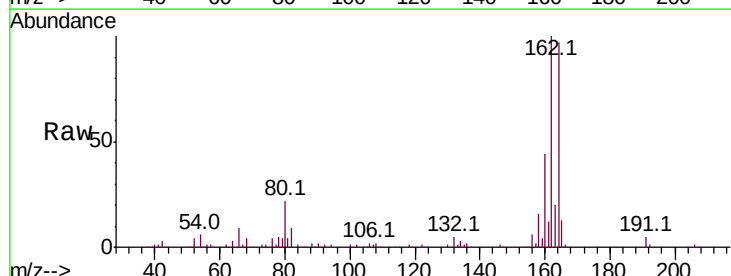


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

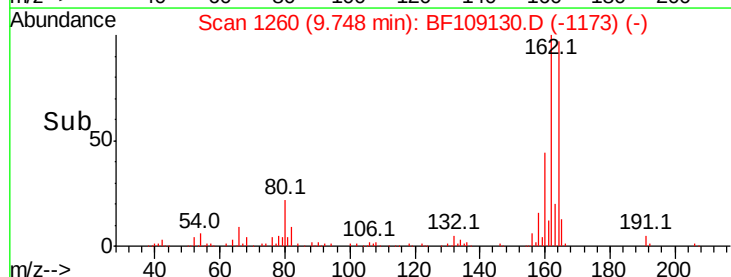
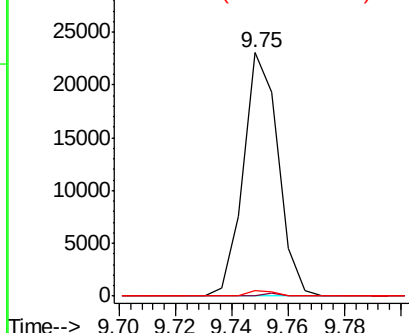


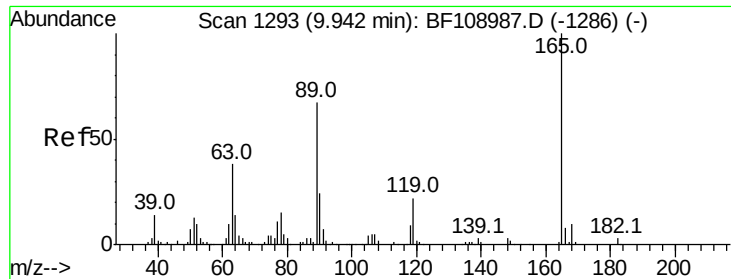
#50
 2,6-Dinitrotoluene
 Concen: 8.022 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

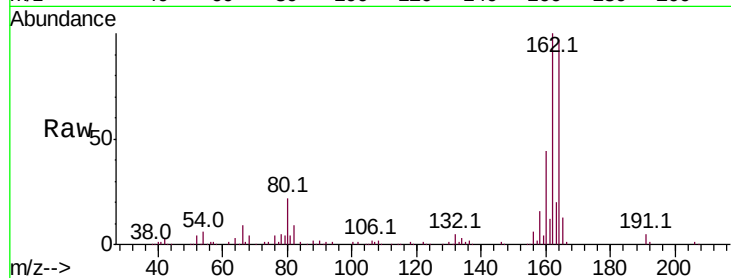




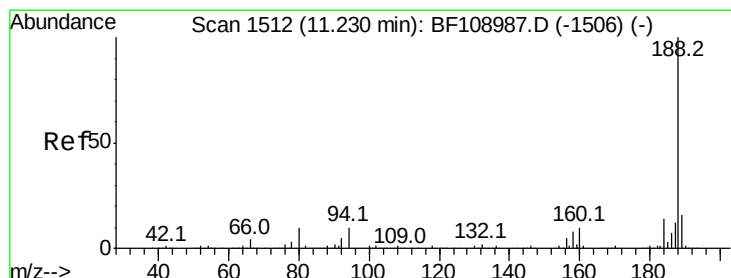
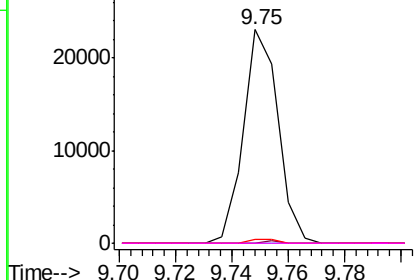
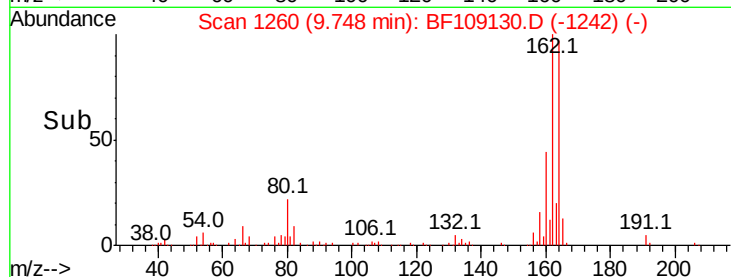
#56
 2,4-Dinitrotoluene
 Concen: 6.134 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	19662
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

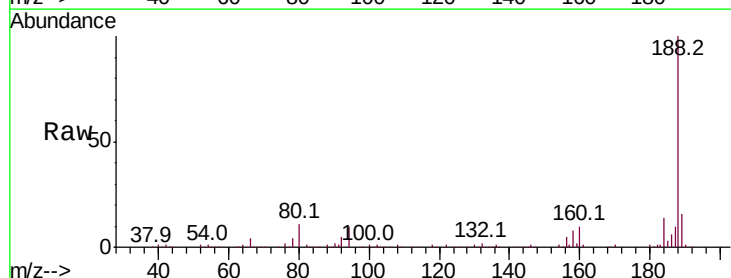


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

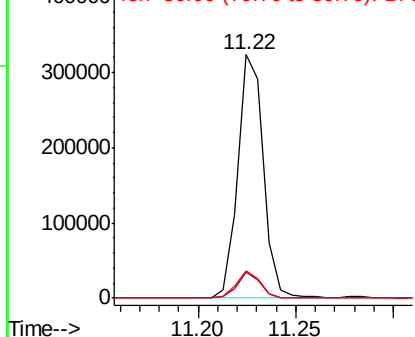
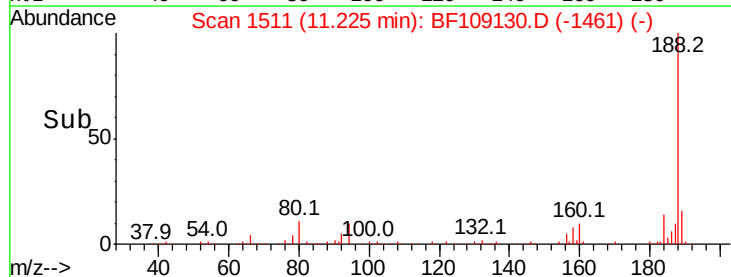


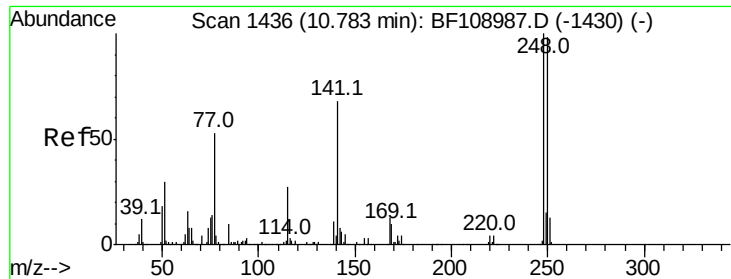
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Tgt Ion:	188	Resp:	294867
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.1	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

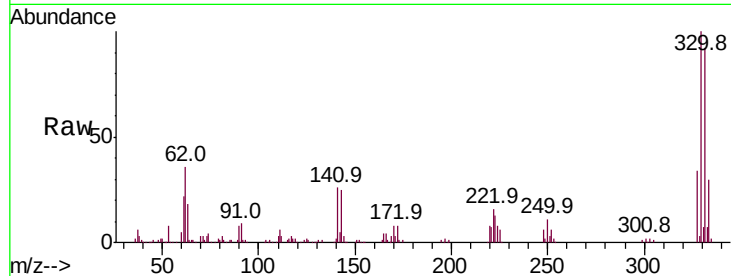




#66
 4-Bromophenyl-phenylether
 Concen: 3.202 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109130.D
 Acq: 19 Sep 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	182.6	76.9	115.3#
141	439.8	74.4	111.6#

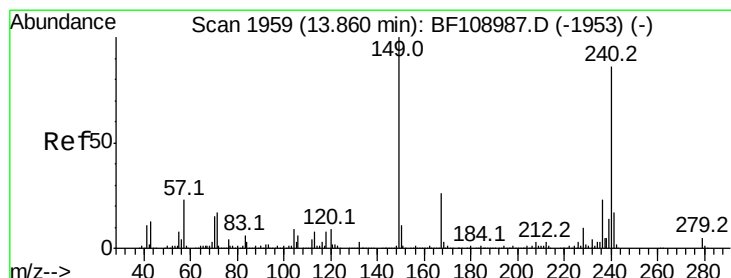
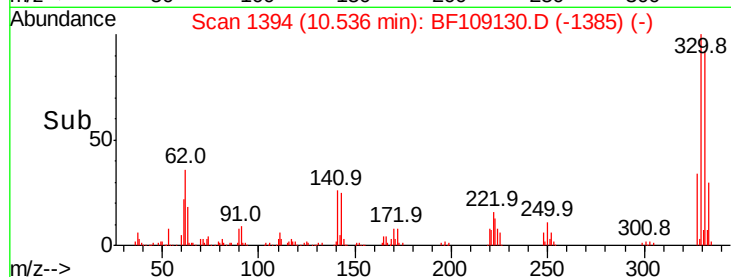
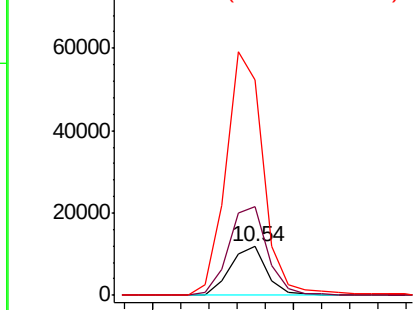


Abundance

Ion 248.00 (247.70 to 248.70): E

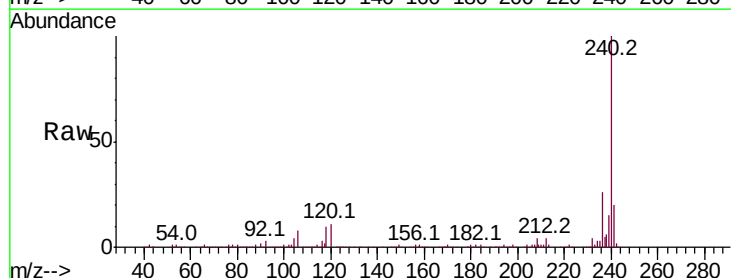
Ion 250.00 (249.70 to 250.70): E

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: BF109130.D
 Acq: 19 Sep 2018 7:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.2	20.7	31.1

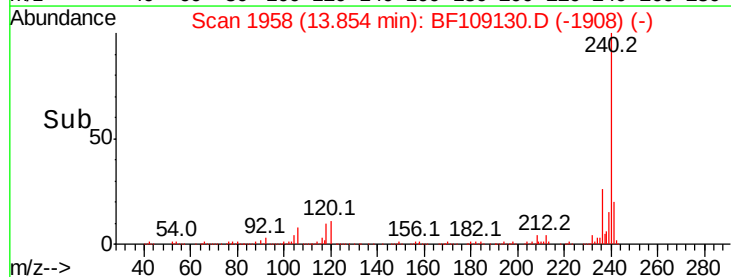
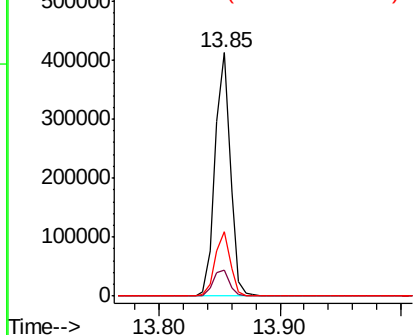


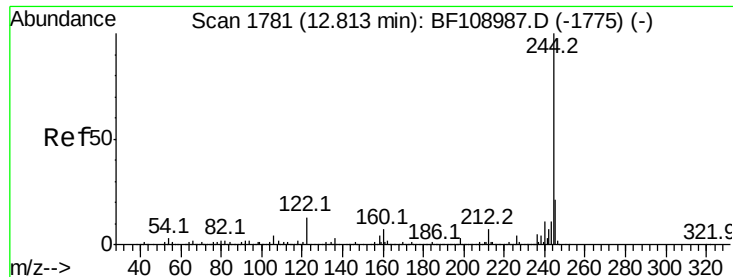
Abundance

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: 84.293 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109130.D

Acq: 19 Sep 2018 7:24

Instrument :

BNA_F

ClientSampleId :

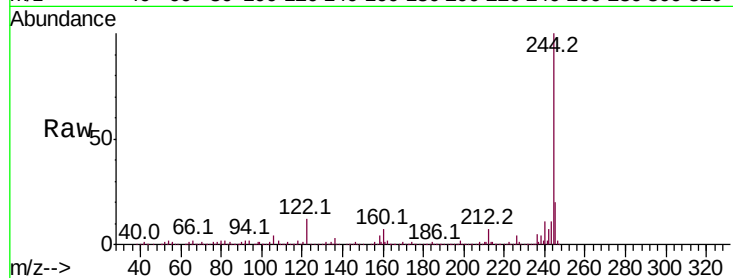
Tot Ion:244 Resp: 1267296

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

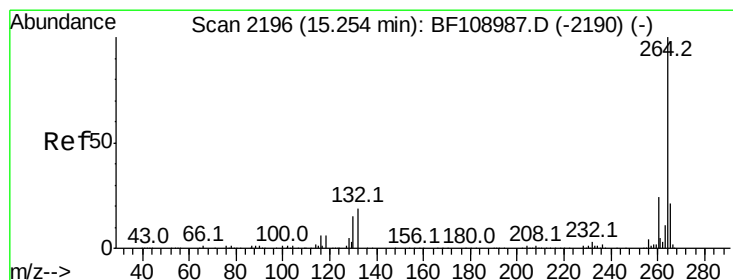
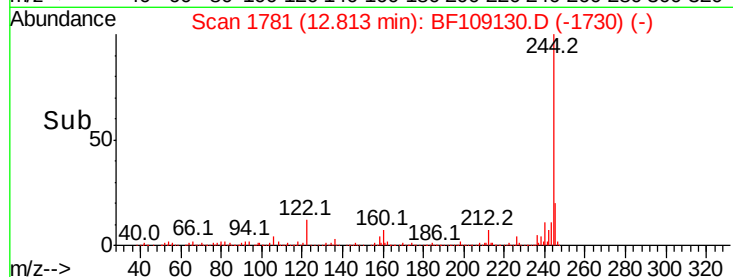
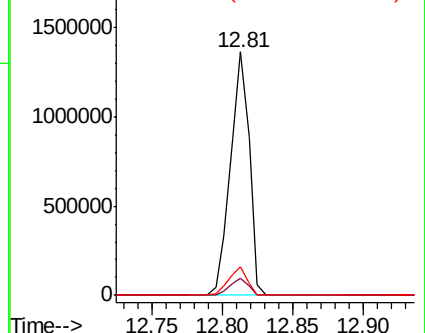
122 11.8 11.0 16.4



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: BF109130.D

Acq: 19 Sep 2018 7:24

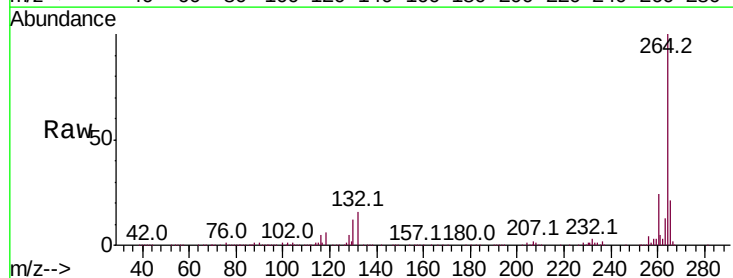
Tgt Ion:264 Resp: 288749

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

