

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109084.D
 Acq On : 18 Sep 2018 8:33
 Operator : JU/SJ
 Sample : J4930-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 18:11:31 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

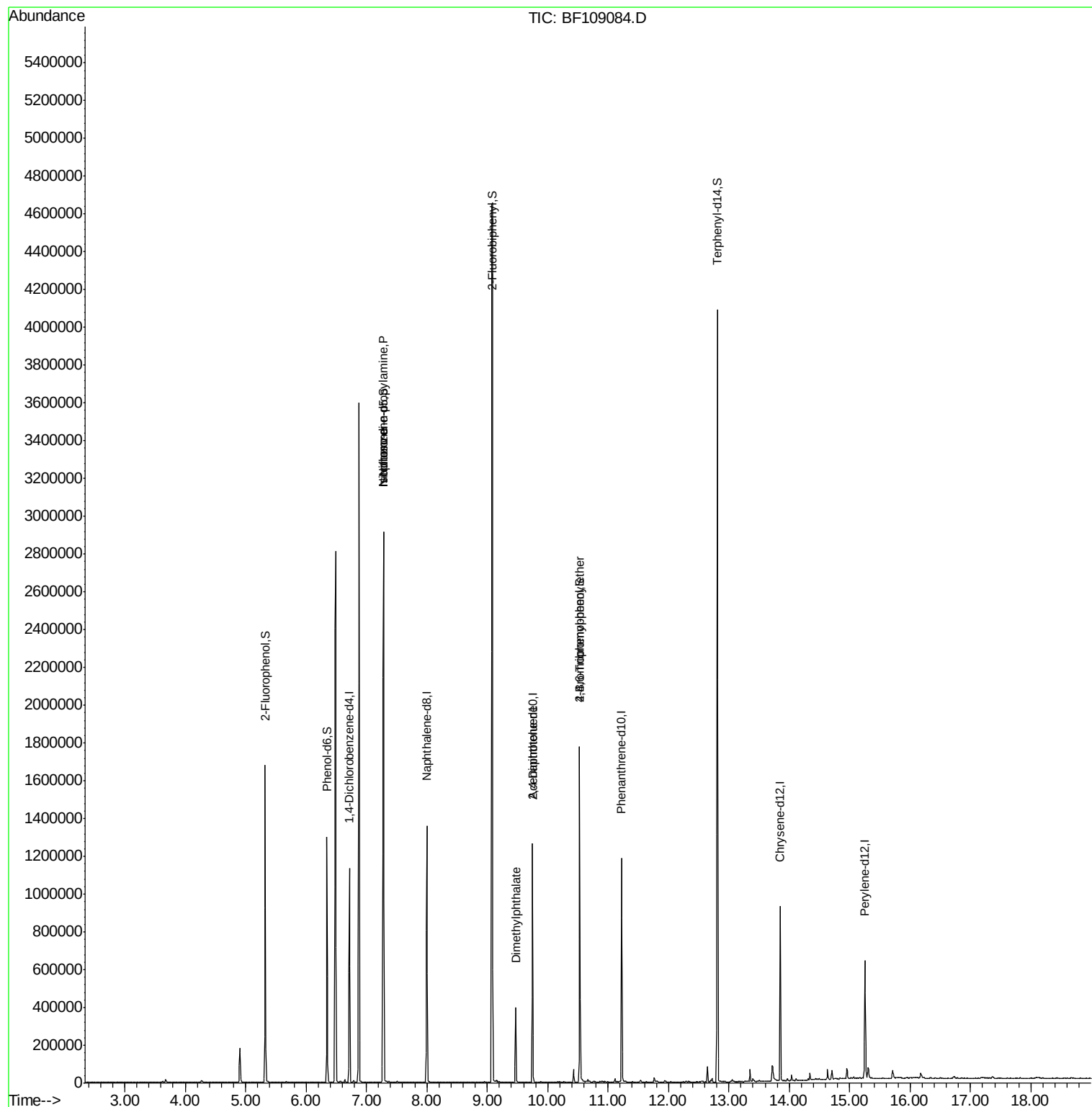
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149783	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	538877	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	232853	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	396508	20.00	ng	0.00
75) Chrysene-d12	13.85	240	319166	20.00	ng	0.00
86) Perylene-d12	15.25	264	270359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	444090	49.24	ng	0.00
7) Phenol-d6	6.35	99	363120	31.23	ng	-0.01
23) Nitrobenzene-d5	7.28	82	978945	101.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	228208	90.31	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1562601	105.14	ng	0.00
78) Terphenyl-d14	12.81	244	1411366	104.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	132061	17.181	ng	# 78
25) Isophorone	7.28	82	974319	58.995	ng	# 64
49) Dimethylphthalate	9.47	163	158626	9.531	ng	99
56) 2,4-Dinitrotoluene	9.75	165	29466	6.105	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	13378	2.993	ng	# 1

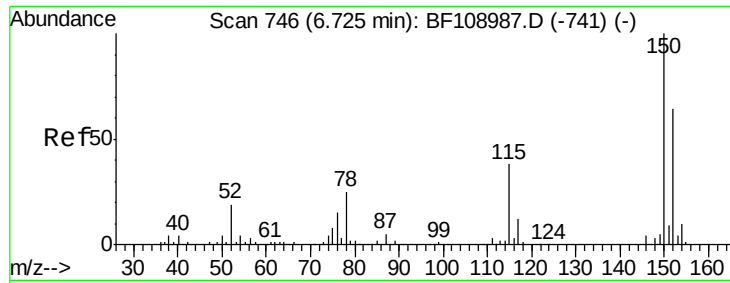
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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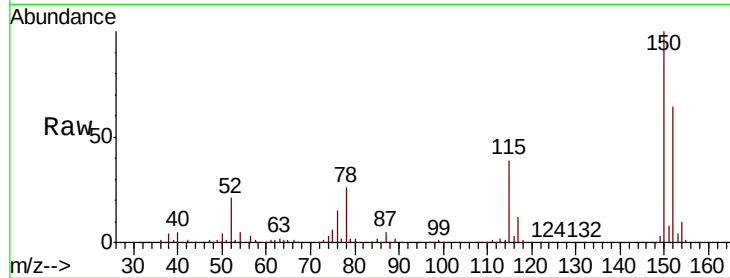


#1

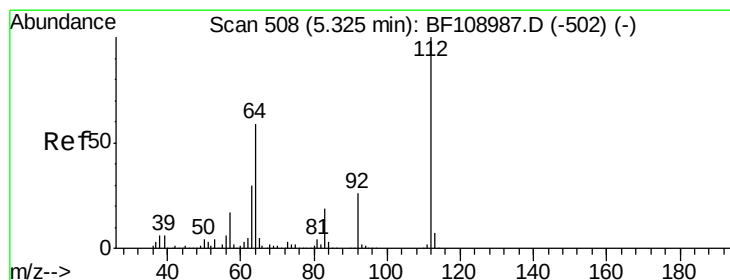
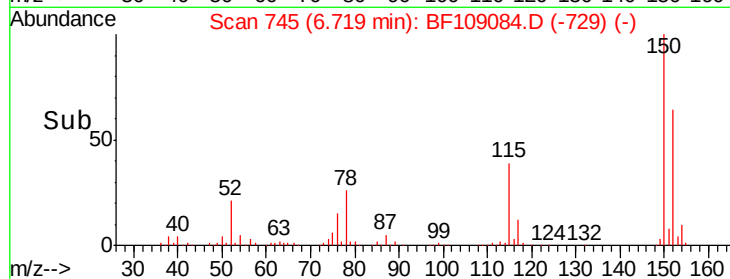
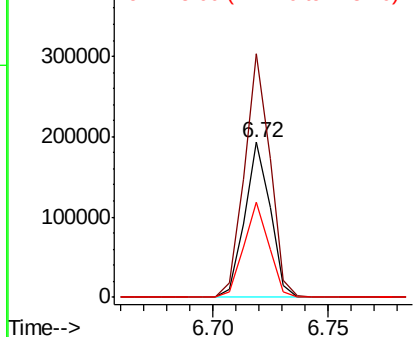
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149783
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.1 50.1 75.1



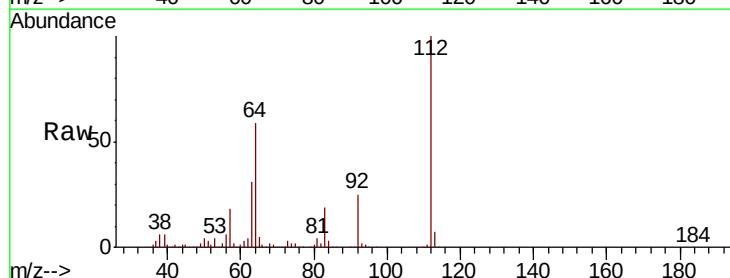
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



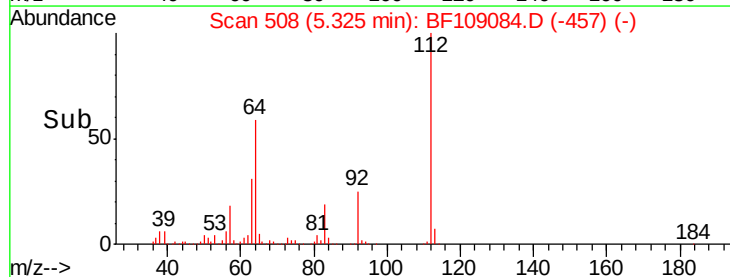
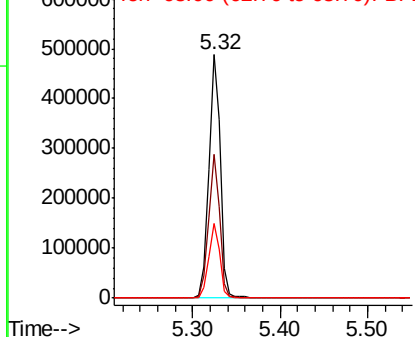
#5

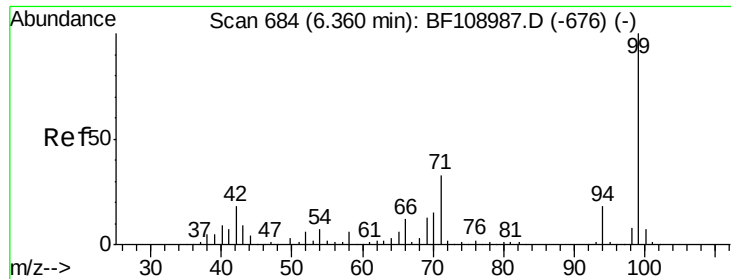
2-Fluorophenol
Concen: 49.243 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Tgt Ion:112 Resp: 444090
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.6 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: 31.226 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109084.D

Acq: 18 Sep 2018 8:33

Instrument :

BNA_F

ClientSampleId :

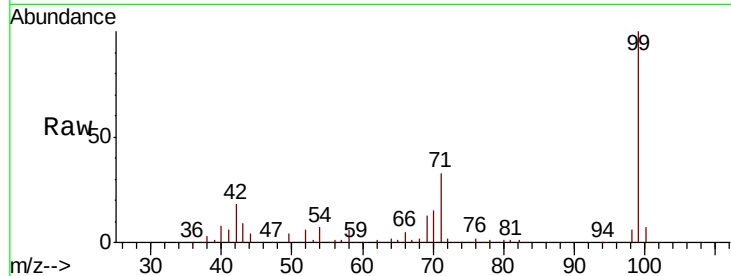
Tot Ion: 99 Resp: 363120

Ion Ratio Lower Upper

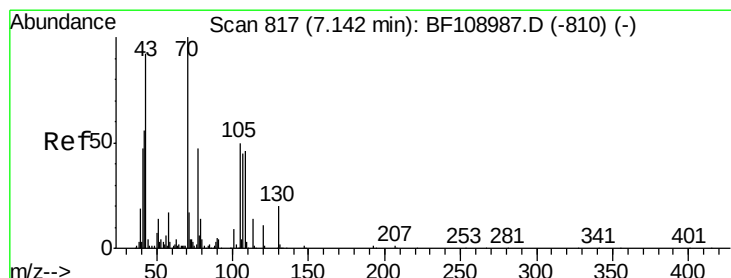
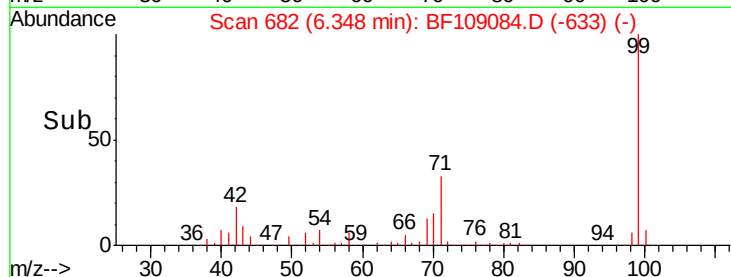
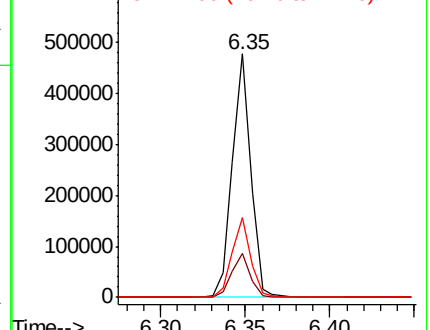
99 100

42 18.2 14.5 21.7

71 32.9 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: 17.181 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109084.D

Acq: 18 Sep 2018 8:33

Tgt Ion: 70 Resp: 132061

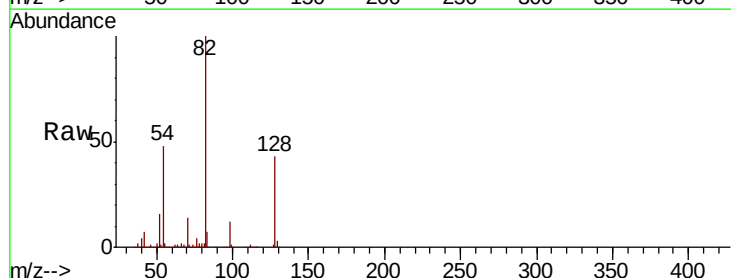
Ion Ratio Lower Upper

70 100

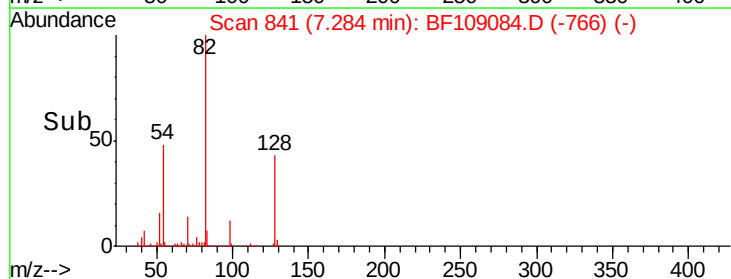
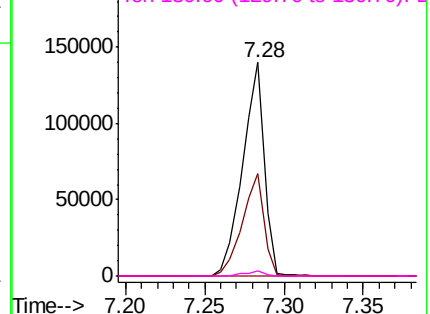
42 48.0 47.5 71.3

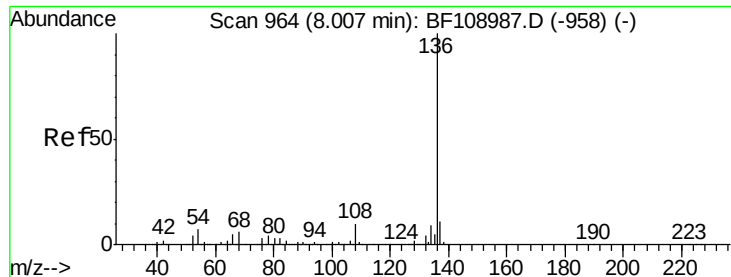
101 0.0 7.4 11.2#

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

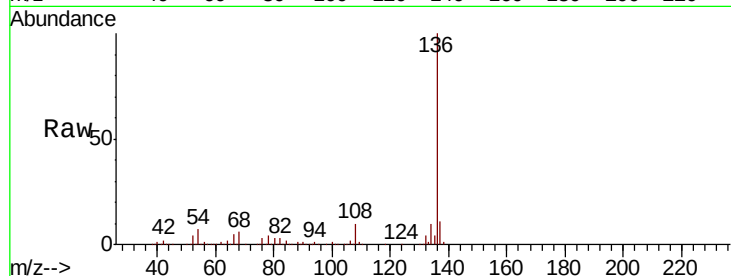




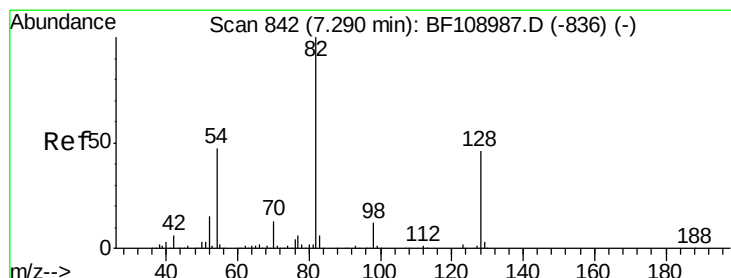
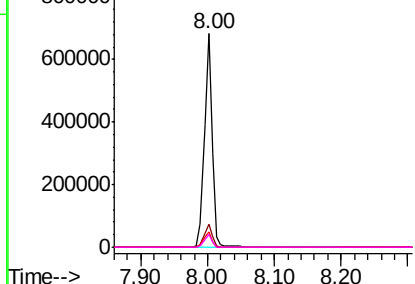
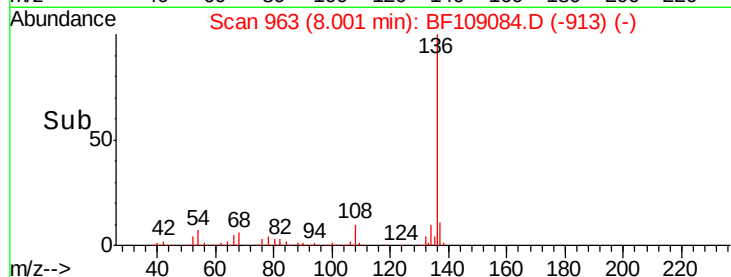
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	538877
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.0	6.6 9.8
68	6.1	5.0 7.4

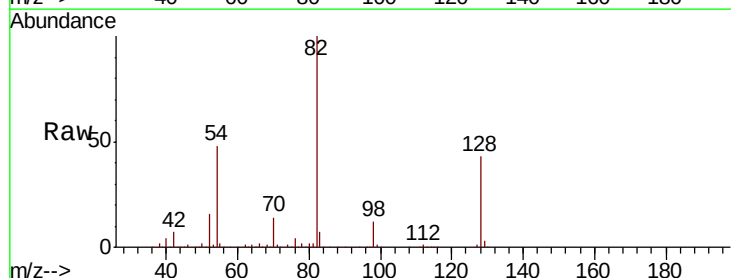


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

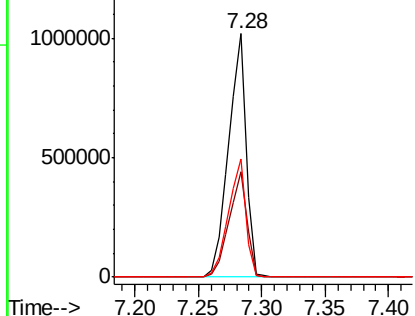
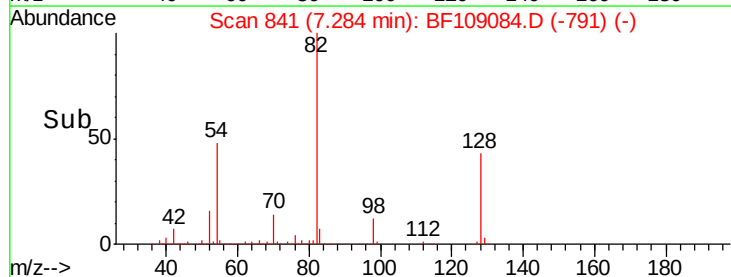


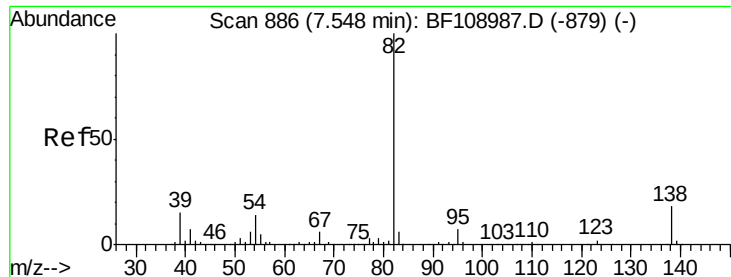
#23
Nitrobenzene-d5
Concen: 101.892 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Tgt Ion: 82	Resp:	978945
Ion	Ratio	Lower Upper
82	100	
128	43.3	36.1 54.1
54	48.4	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

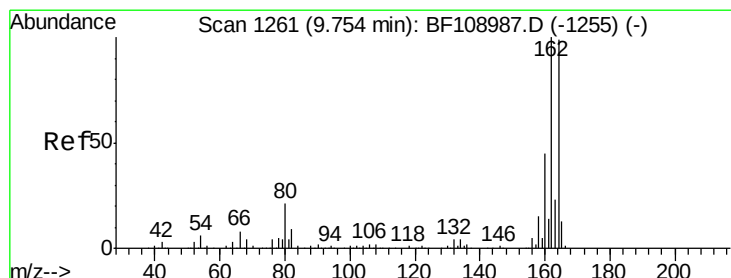
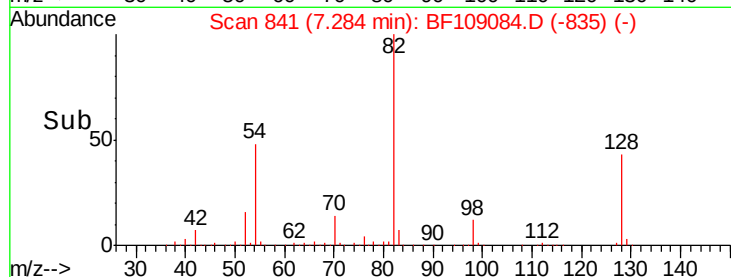
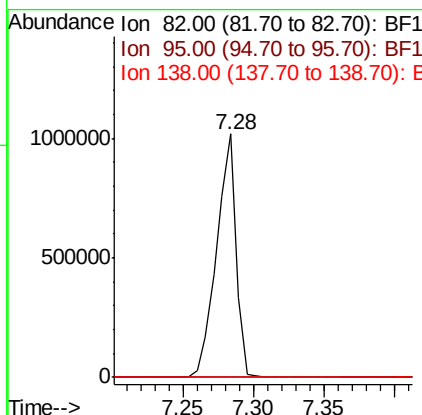
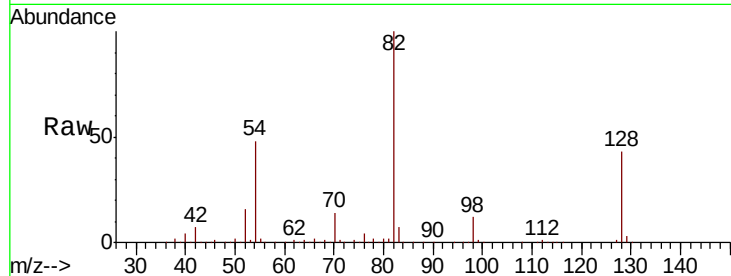




#25
Isophorone
Concen: 58.995 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

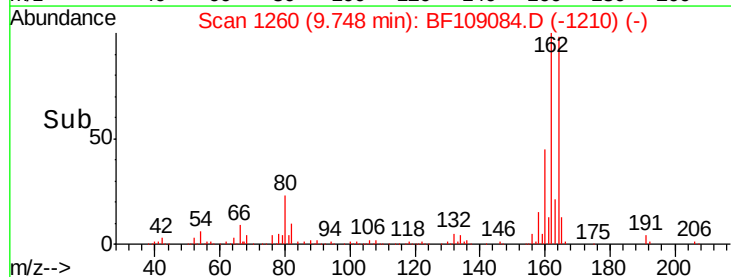
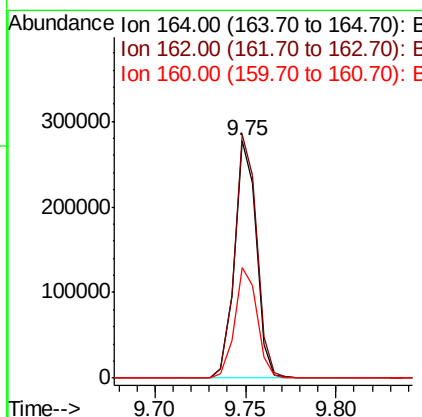
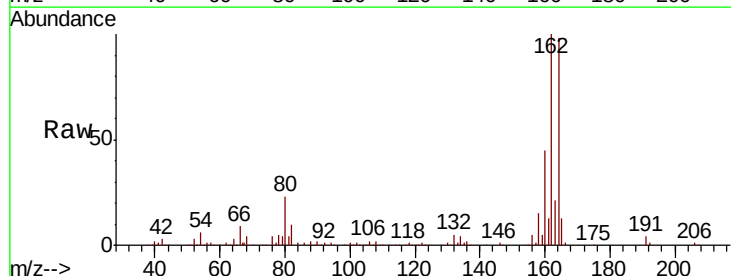
Instrument :
BNA_F
ClientSampleId :

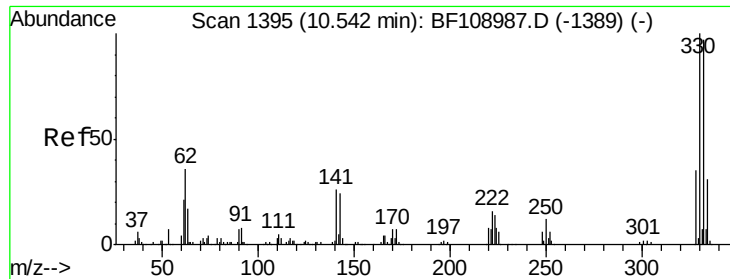
Tot Ion: 82 Resp: 974319
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Tgt Ion:164 Resp: 232853
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.4 38.3 57.5

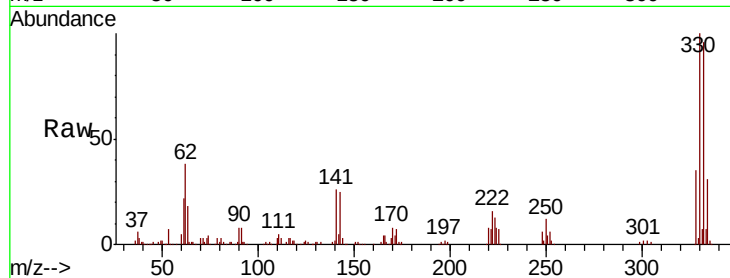




#41
 2,4,6-Tribromophenol
 Concen: 90.305 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109084.D
 Acq: 18 Sep 2018 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.3	29.9	44.9

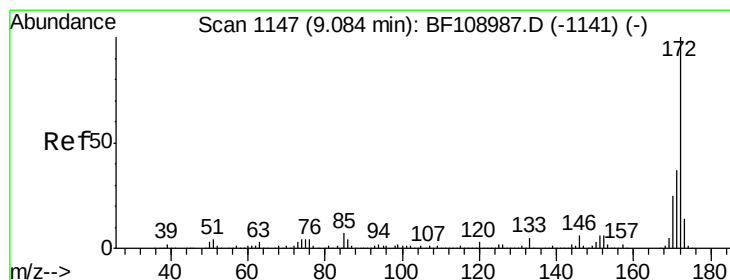
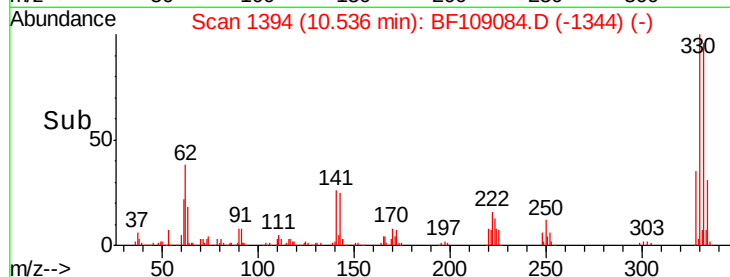
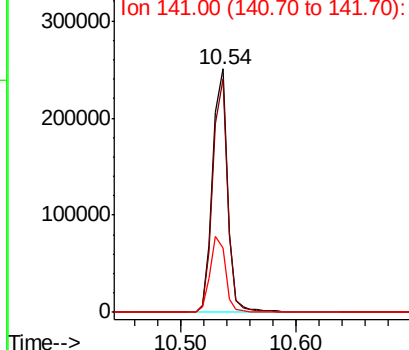


Abundance

Ion 329.80 (329.50 to 330.50): E

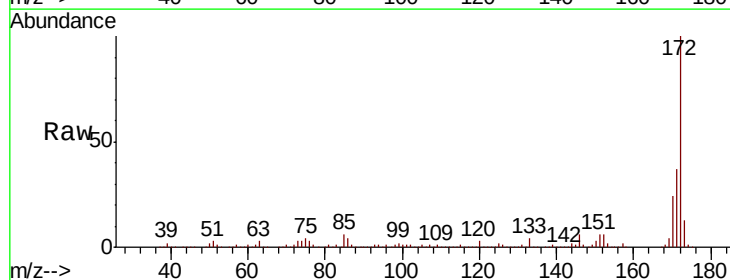
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.138 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109084.D
 Acq: 18 Sep 2018 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

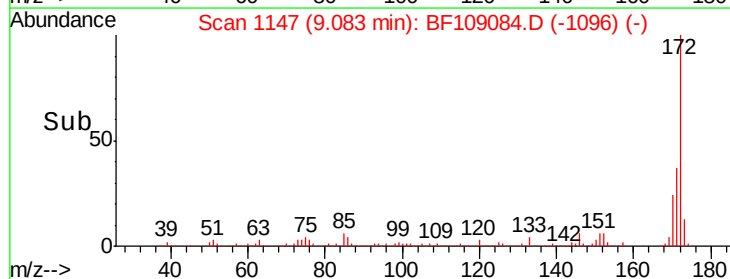
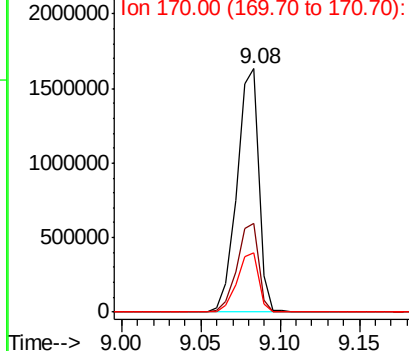


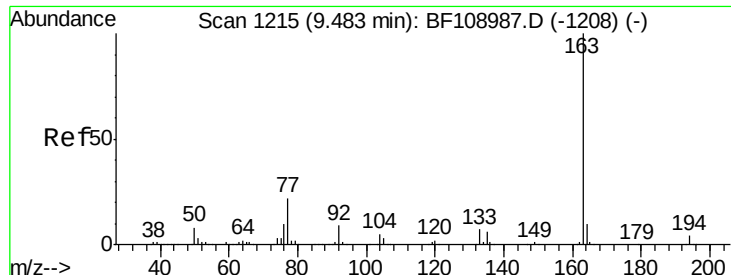
Abundance

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

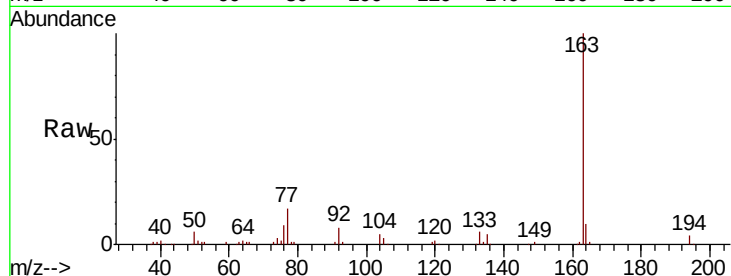




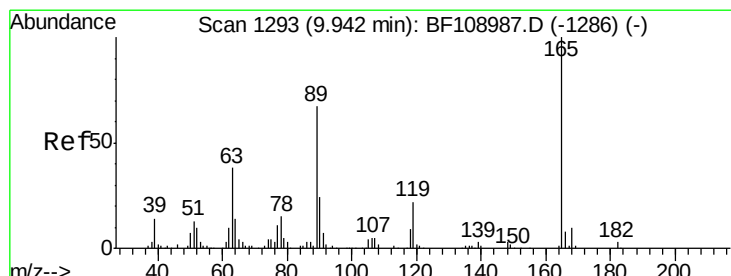
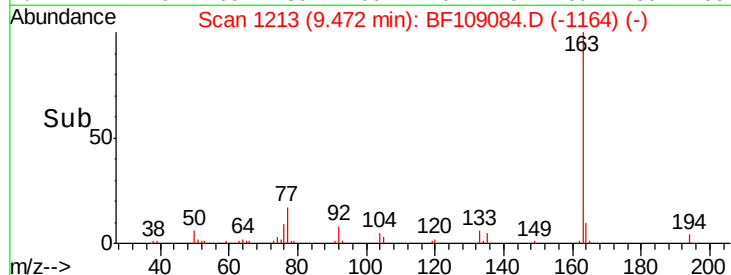
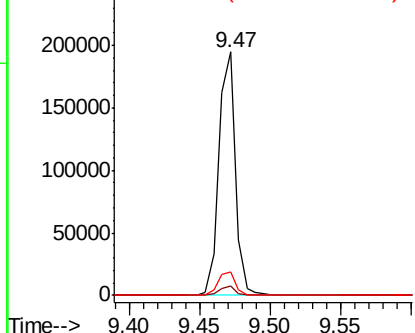
#49
Dimethylphthalate
Concen: 9.531 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 158626
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

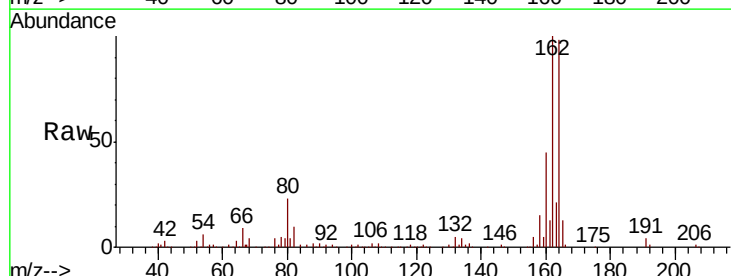


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

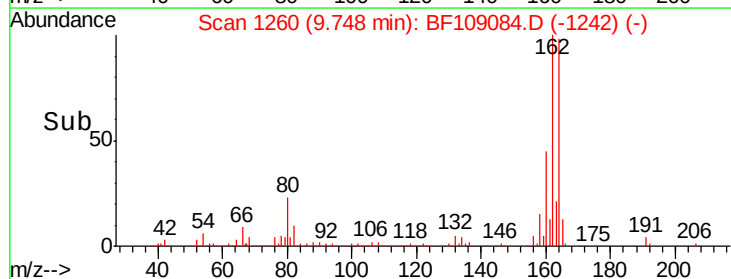
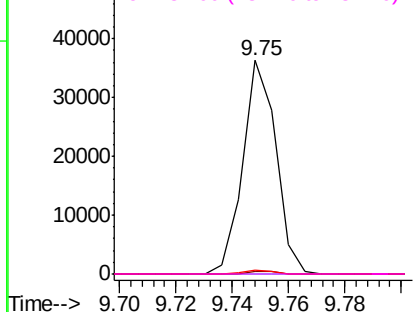


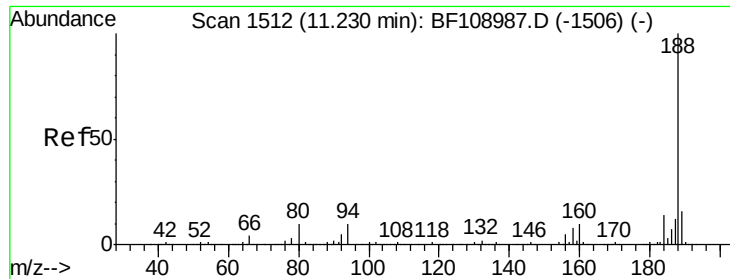
#56
2,4-Dinitrotoluene
Concen: 6.105 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Tgt Ion:165 Resp: 29466
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 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

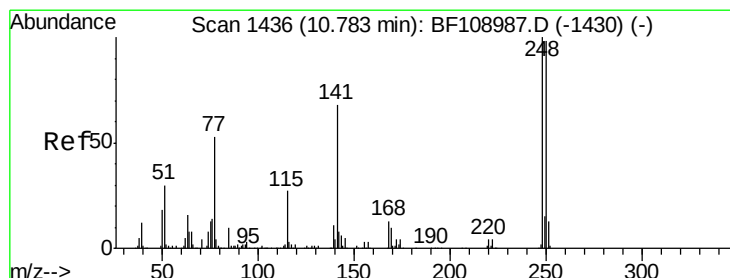
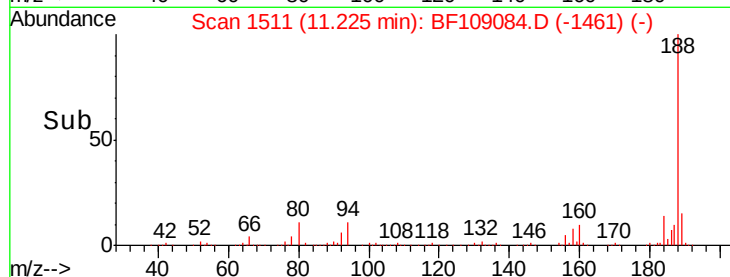
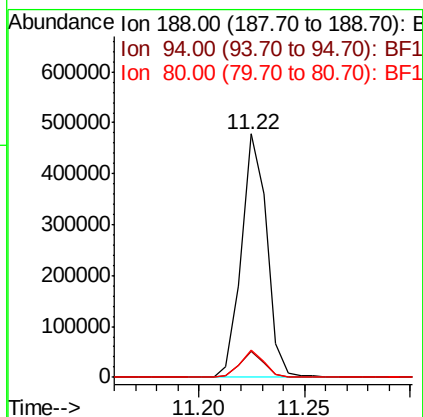
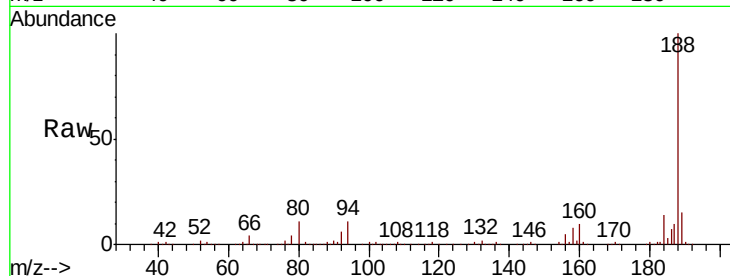




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

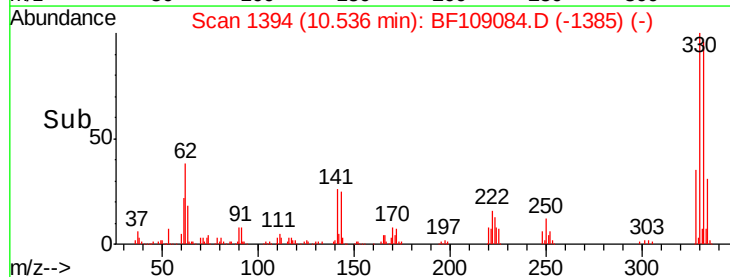
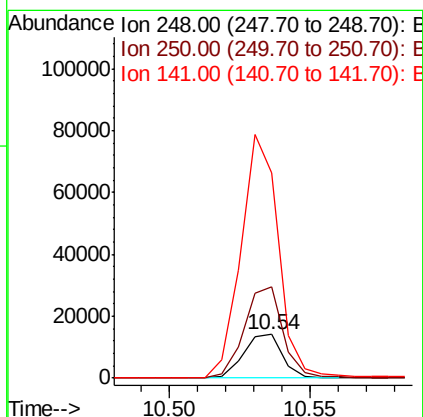
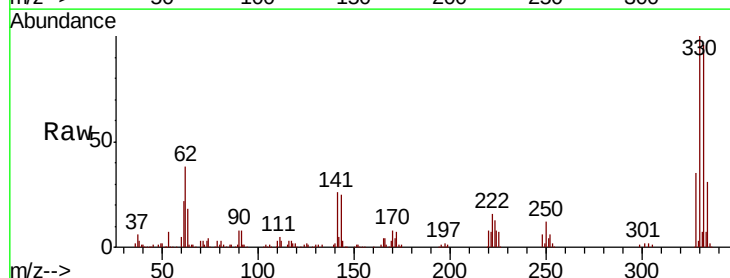
Instrument :
BNA_F
ClientSampleId :

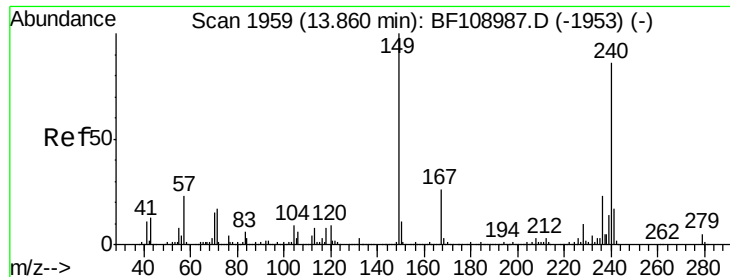
Tot Ion:188 Resp: 396508
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.993 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Tgt Ion:248 Resp: 13378
Ion Ratio Lower Upper
248 100
250 208.9 76.9 115.3#
141 467.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109084.D

Acq: 18 Sep 2018 8:33

Instrument :

BNA_F

ClientSampled :

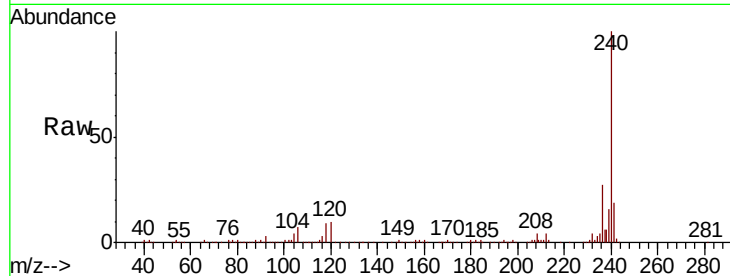
Tot Ion:240 Resp: 319166

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

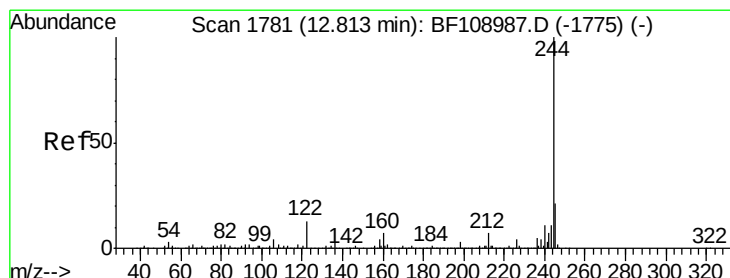
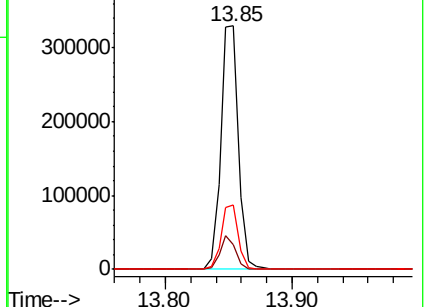
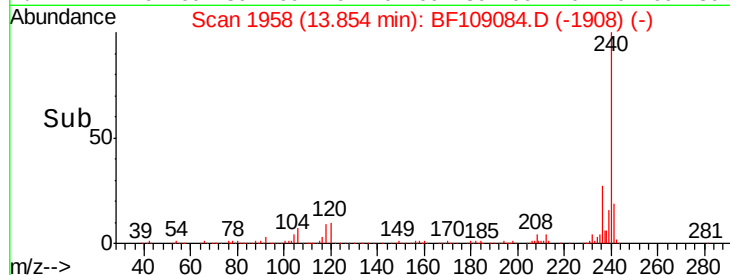
236 26.6 20.7 31.1



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: 104.814 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109084.D

Acq: 18 Sep 2018 8:33

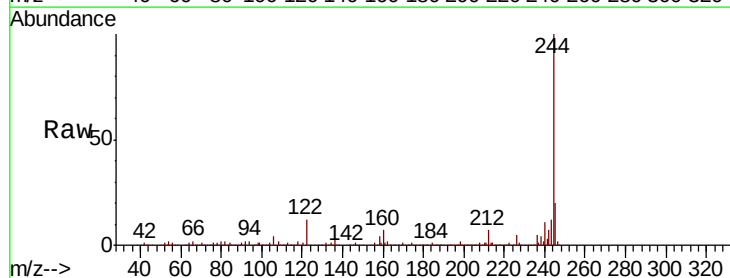
Tgt Ion:244 Resp: 1411366

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

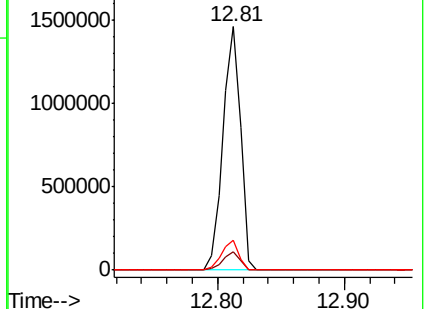
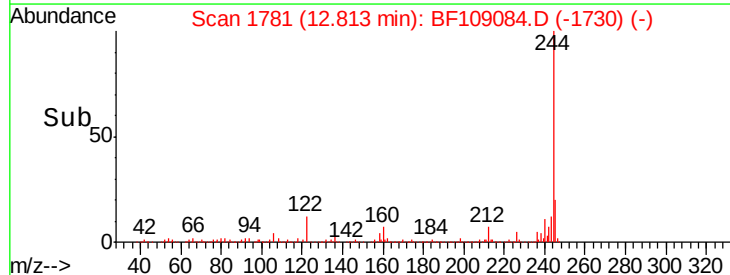
122 12.1 11.0 16.4

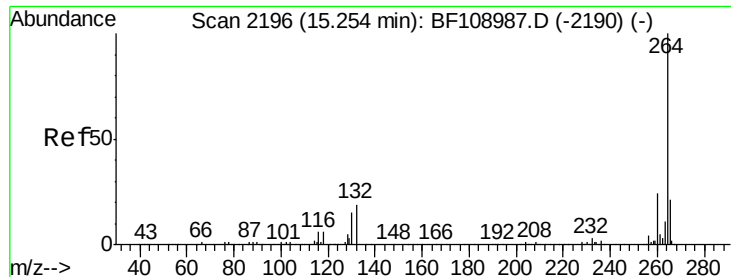


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

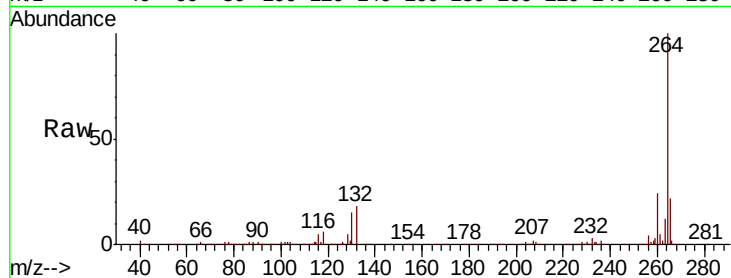




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109084.D
Acq: 18 Sep 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	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

