

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109088.D
 Acq On : 18 Sep 2018 10:22
 Operator : JU/SJ
 Sample : J4930-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 18:12:11 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

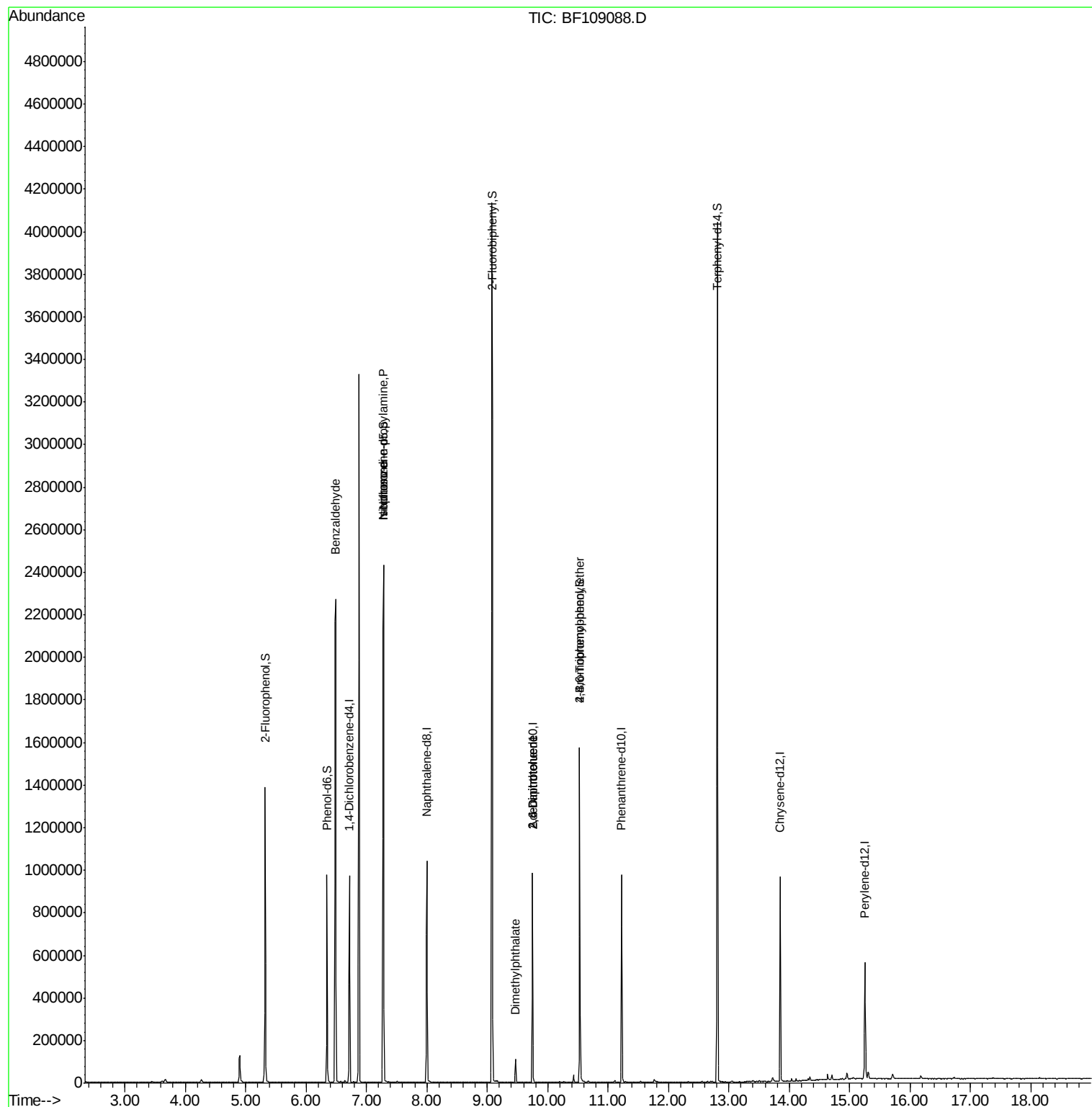
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125305	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	426879	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	179705	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	337264	20.00	ng	0.00
75) Chrysene-d12	13.85	240	320136	20.00	ng	-0.01
86) Perylene-d12	15.25	264	244631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	363822	48.22	ng	0.00
7) Phenol-d6	6.35	99	286721	29.47	ng	-0.01
23) Nitrobenzene-d5	7.28	82	820310	107.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	195589	100.29	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1267429	110.50	ng	0.00
78) Terphenyl-d14	12.81	244	1343764	99.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	14276	2.298	ng	# 71
19) n-Nitroso-di-n-propylamine	7.28	70	112666	17.521	ng	# 75
25) Isophorone	7.28	82	815181	62.309	ng	# 64
49) Dimethylphthalate	9.47	163	43673	3.400	ng	100
50) 2,6-Dinitrotoluene	9.75	165	22734	7.981	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22734	6.103	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	11739	3.087	ng	# 1

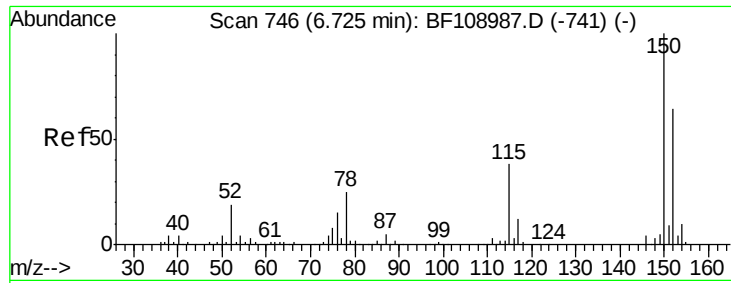
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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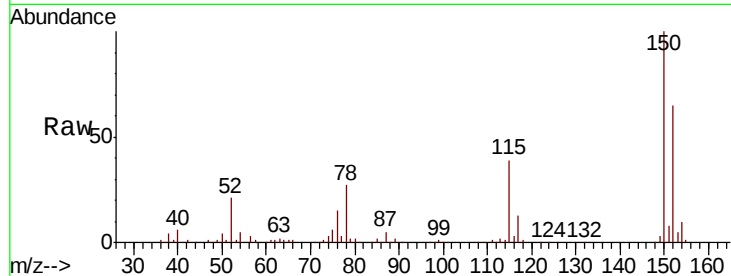


#1

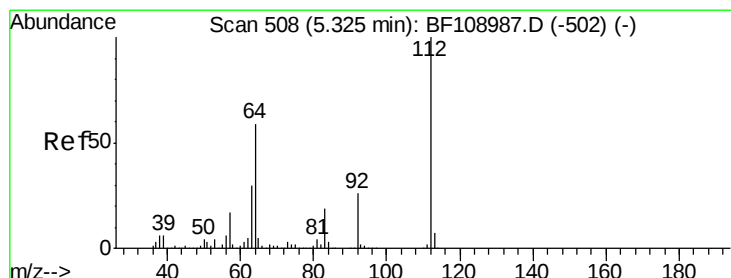
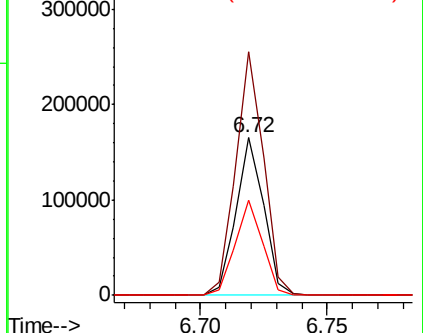
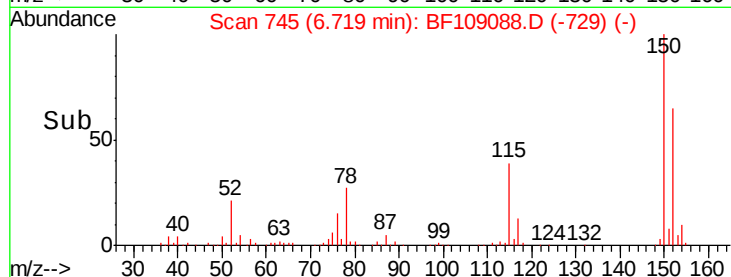
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125305
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.5 50.1 75.1



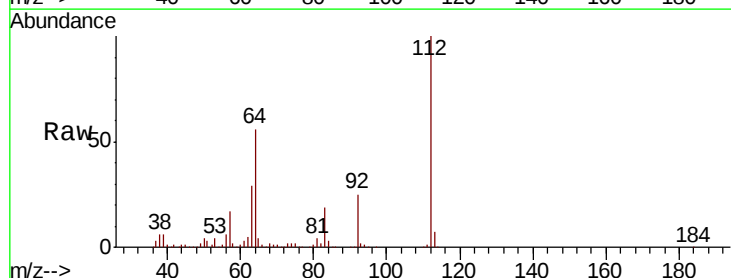
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



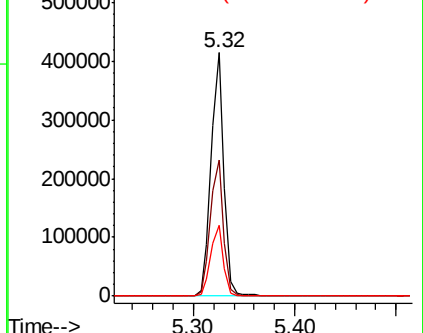
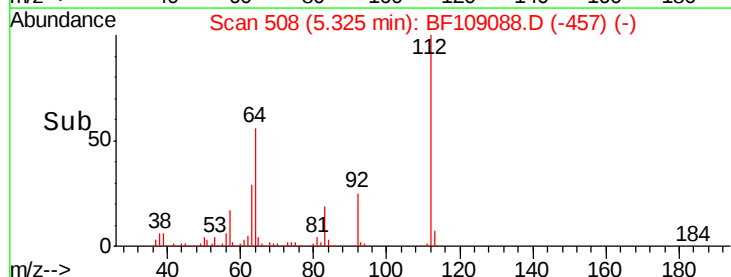
#5

2-Fluorophenol
Concen: 48.224 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Tgt Ion:112 Resp: 363822
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 29.1 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: 29.473 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109088.D

Acq: 18 Sep 2018 10:22

Instrument :

BNA_F

ClientSampleId :

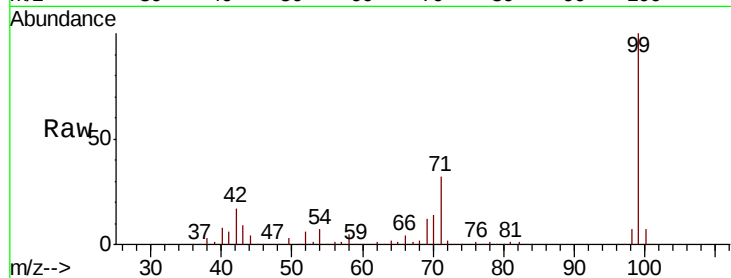
Tot Ion: 99 Resp: 286721

Ion Ratio Lower Upper

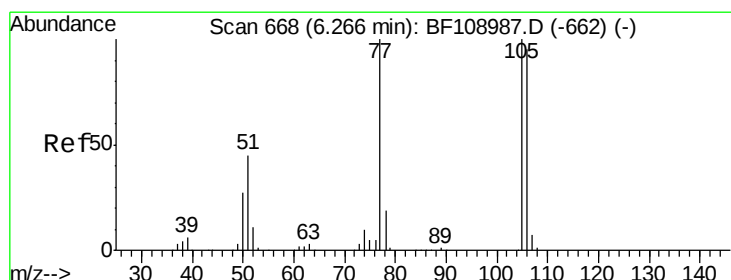
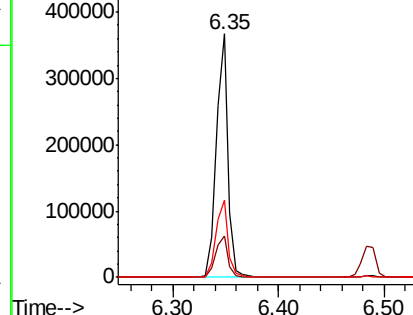
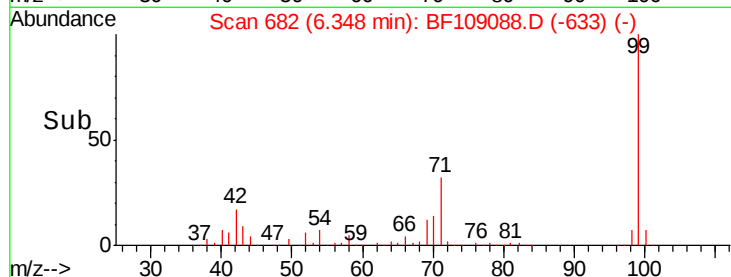
99 100

42 16.9 14.5 21.7

71 31.5 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



#9

Benzaldehyde

Concen: 2.298 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109088.D

Acq: 18 Sep 2018 10:22

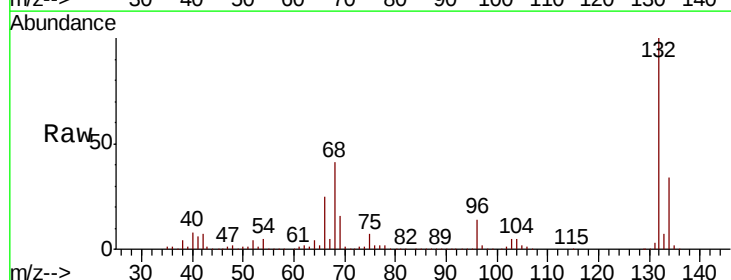
Tgt Ion: 77 Resp: 14276

Ion Ratio Lower Upper

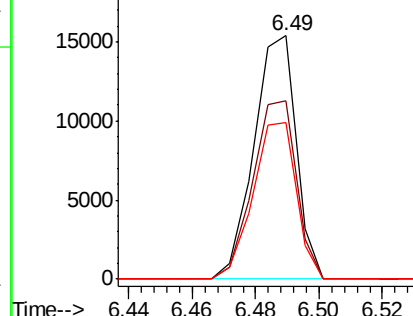
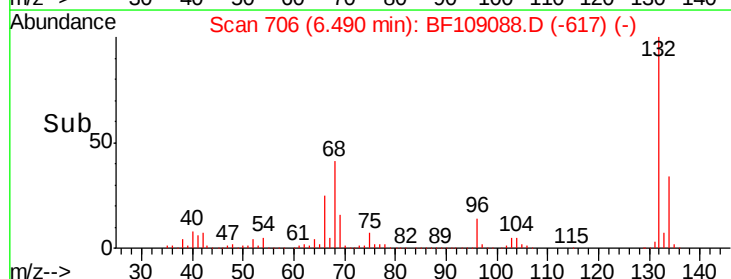
77 100

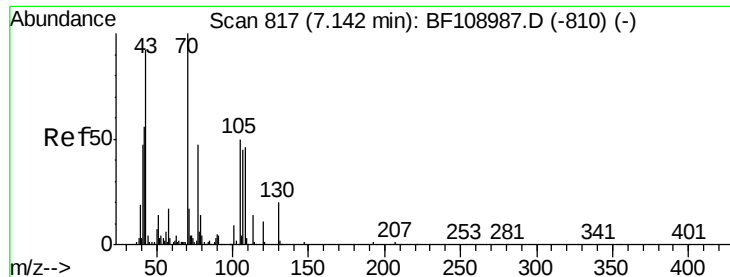
105 73.5 81.1 121.1#

106 64.3 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

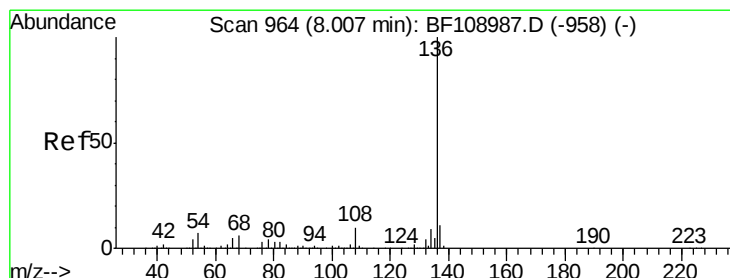
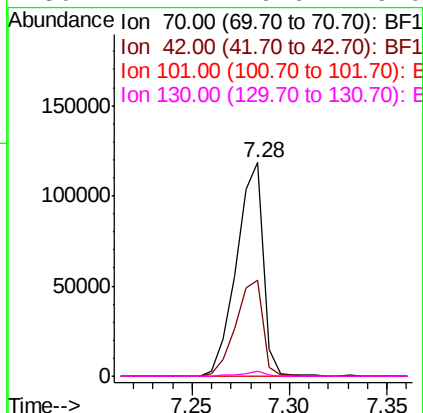
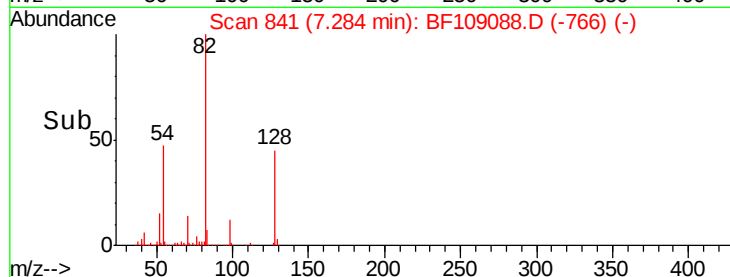
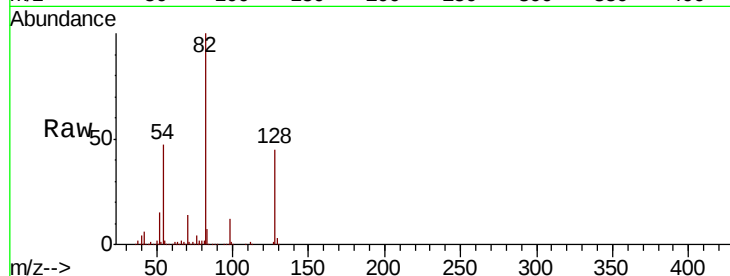




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.521 ng
 RT: 7.28 min Scan# 841
 Delta R.T. 0.14 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

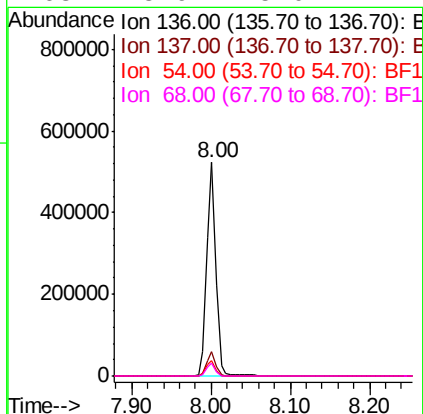
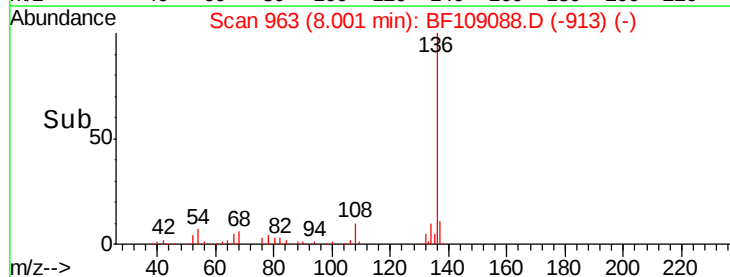
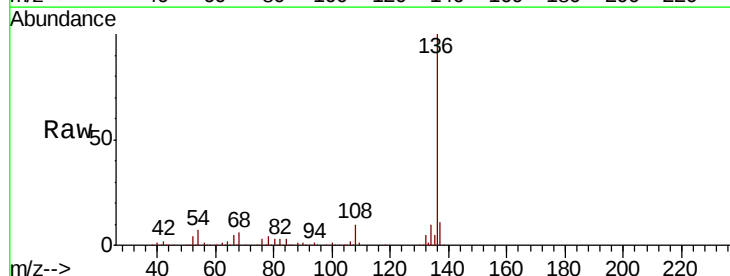
Instrument :
 BNA_F
 ClientSampleId :

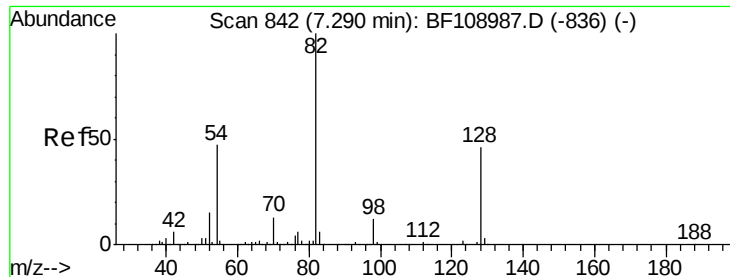
Tot Ion: 70 Resp: 112666
 Ion Ratio Lower Upper
 70 100
 42 44.8 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.4 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

Tgt Ion:136 Resp: 426879
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.9 13.3
 54 7.0 6.6 9.8
 68 5.9 5.0 7.4

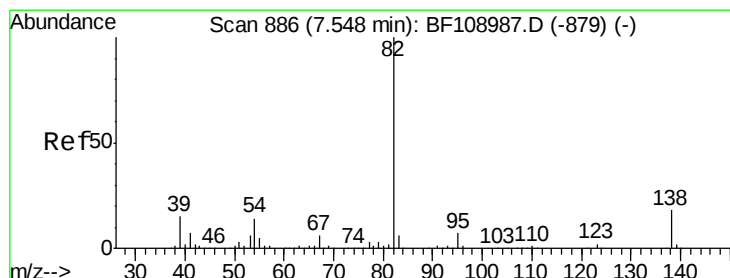
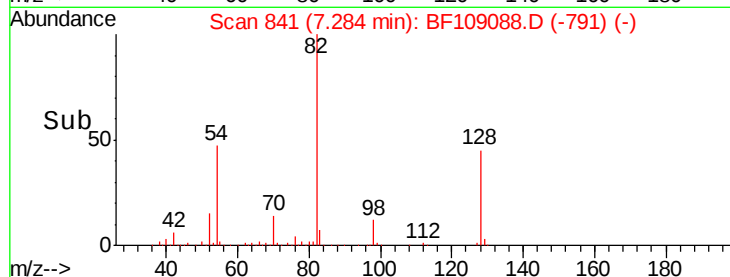
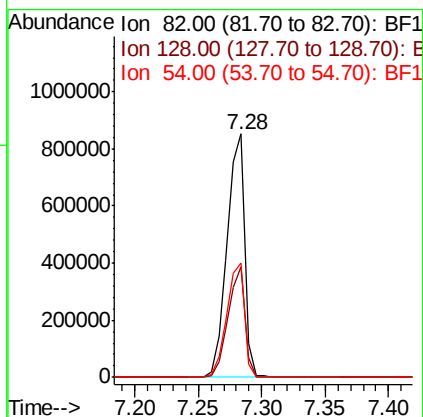
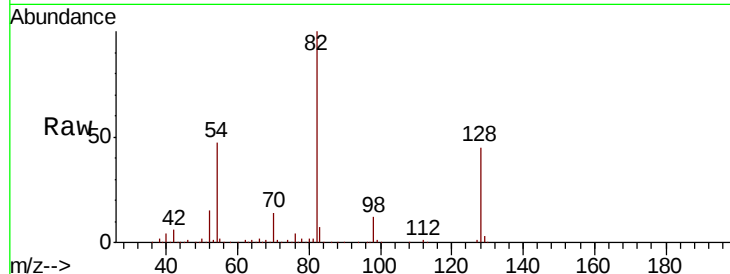




#23
 Nitrobenzene-d5
 Concen: 107.782 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

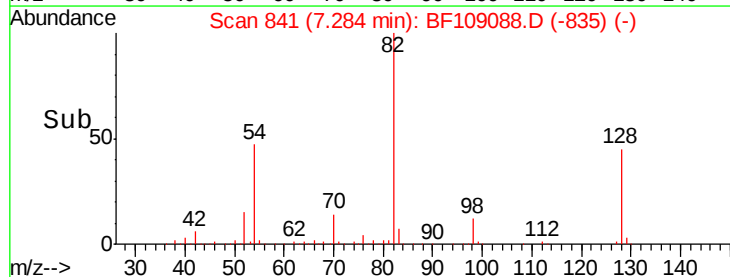
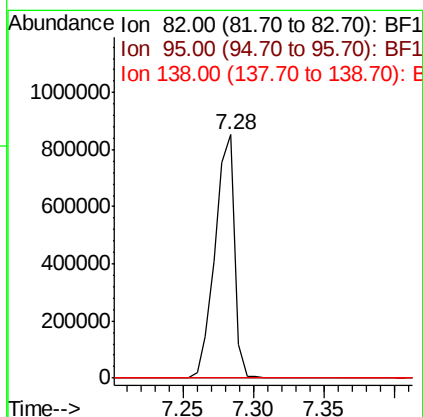
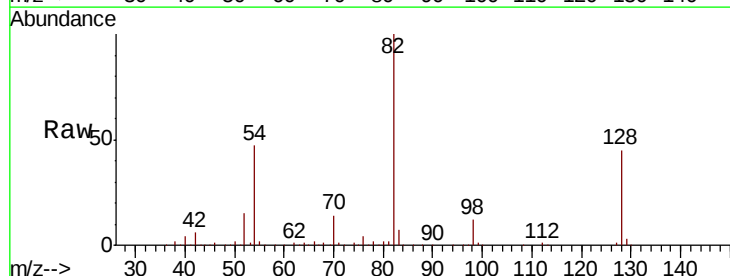
Instrument :
 BNA_F
 ClientSampleId :

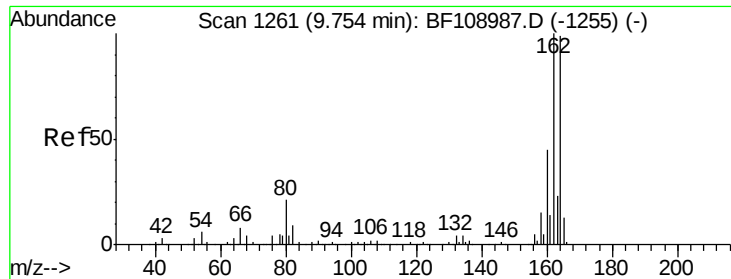
Tot Ion	82	Resp	820310
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	46.9	41.4	62.2



#25
 Isophorone
 Concen: 62.309 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

Tgt Ion	82	Resp	815181
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

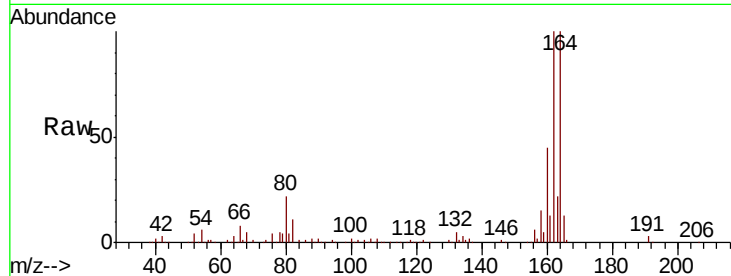




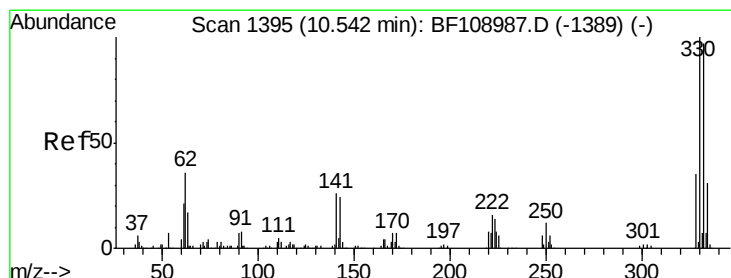
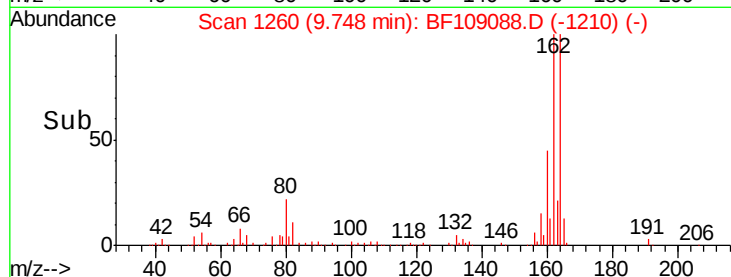
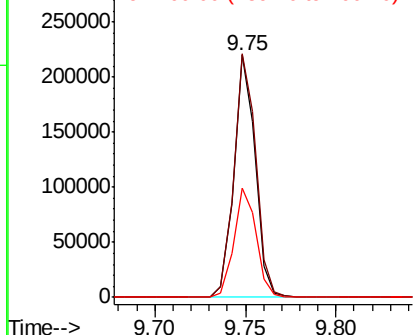
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 179705
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 45.1 38.3 57.5

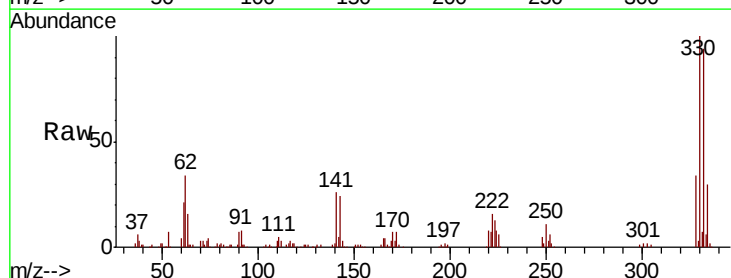


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

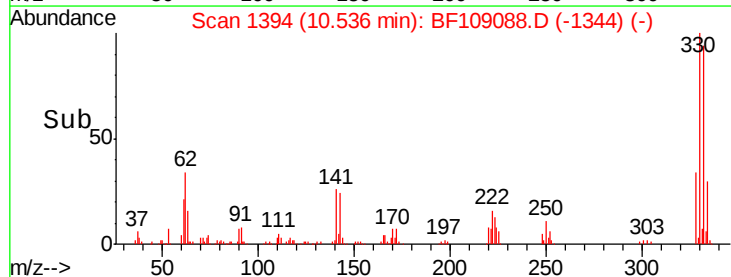
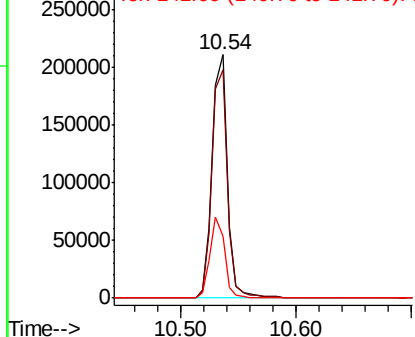


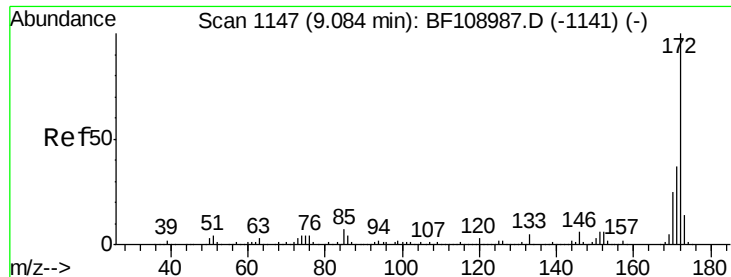
#41
 2,4,6-Tribromophenol
 Concen: 100.288 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

Tgt Ion:330 Resp: 195589
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.2 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



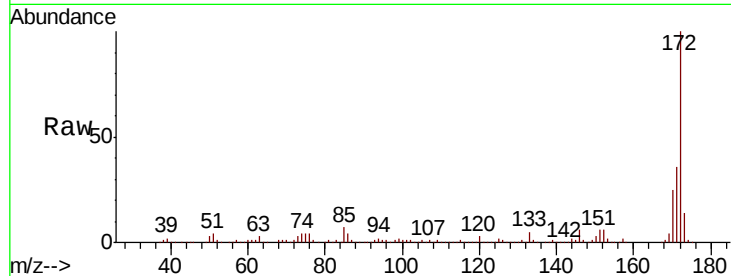


#44
 2-Fluorobiphenyl
 Concen: 110.499 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

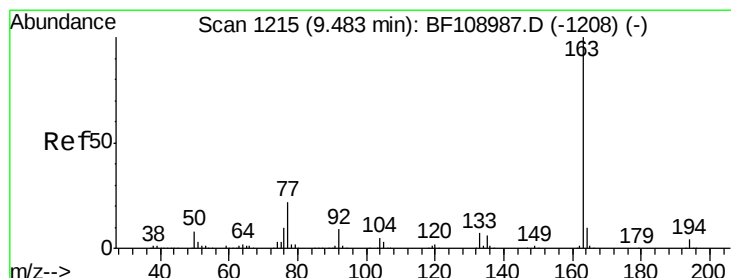
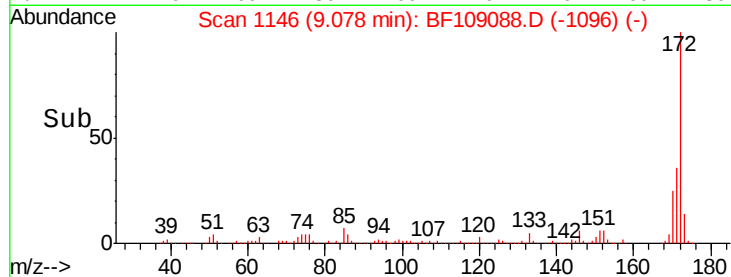
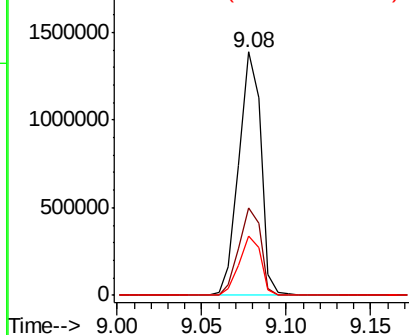
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1267429

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4



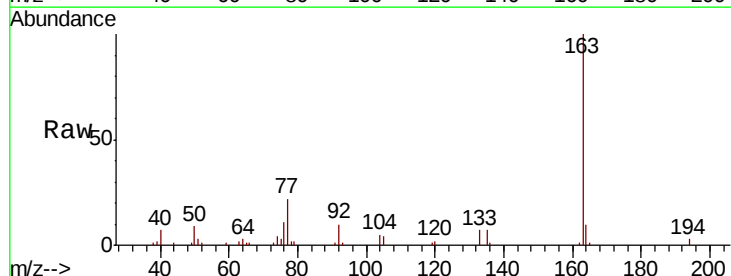
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



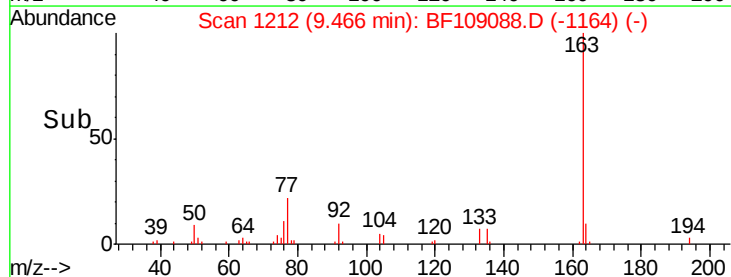
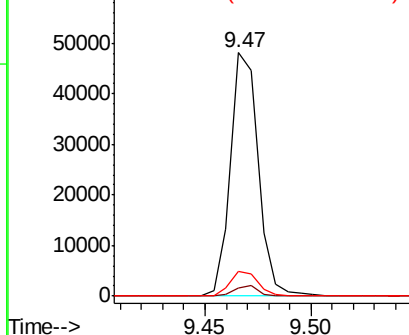
#49
 Dimethylphthalate
 Concen: 3.400 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

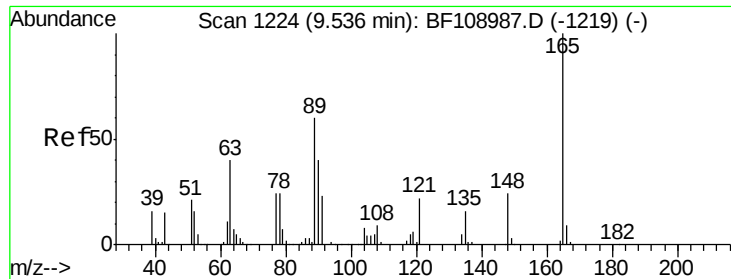
Tgt Ion:163 Resp: 43673

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	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

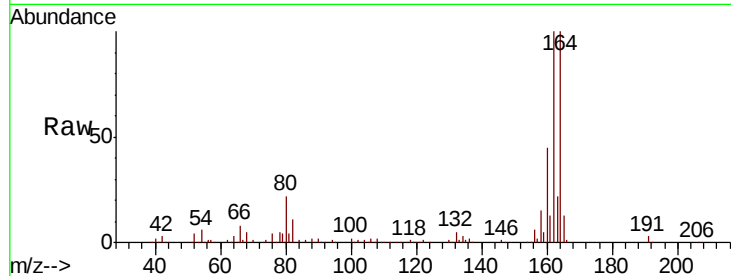




#50
 2,6-Dinitrotoluene
 Concen: 7.981 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :

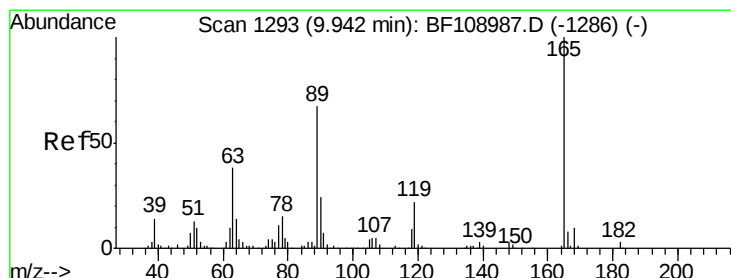
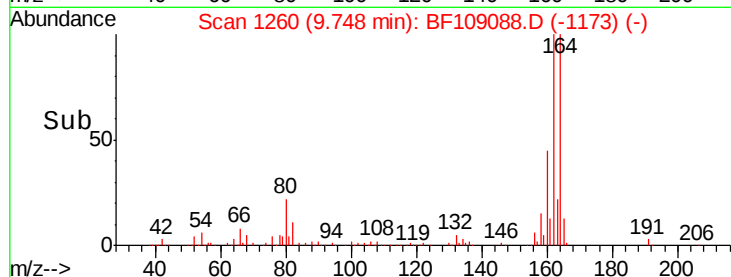
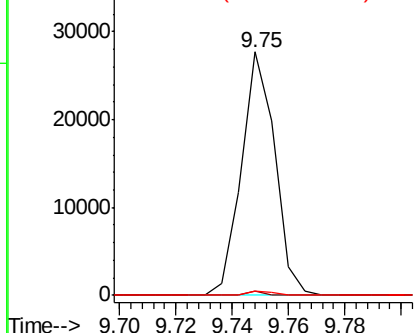
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

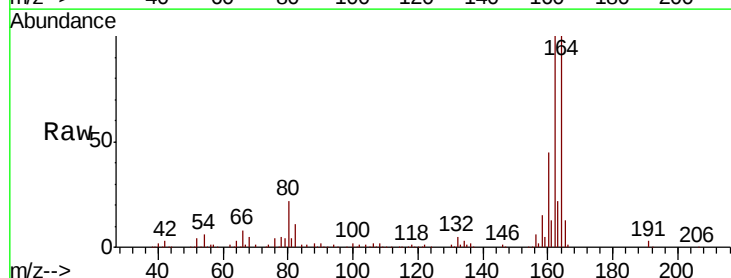
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.103 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

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

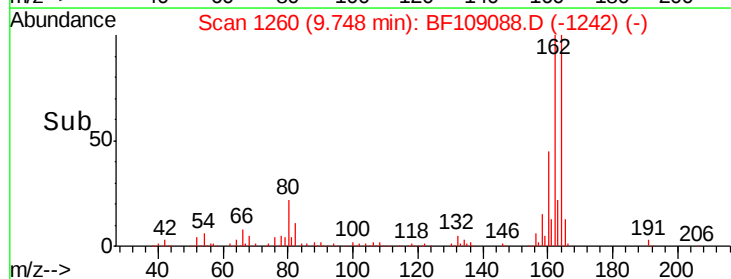
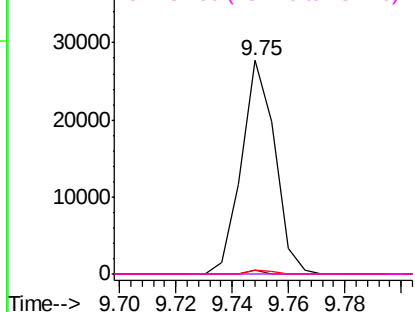


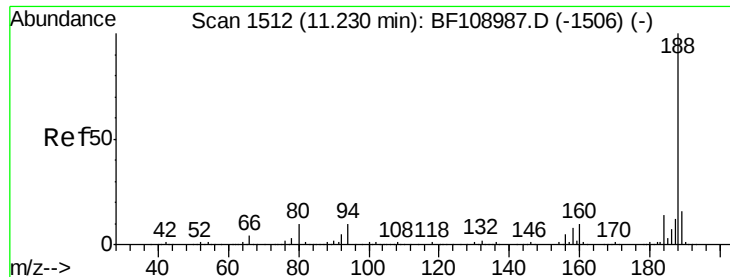
Abundance Ion 165.00 (164.70 to 165.70): E

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

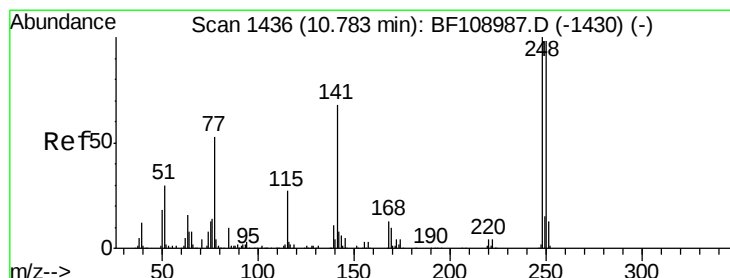
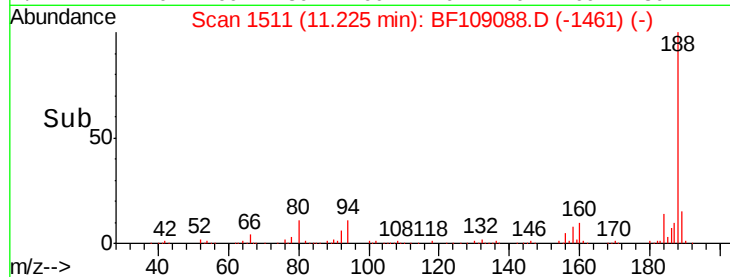
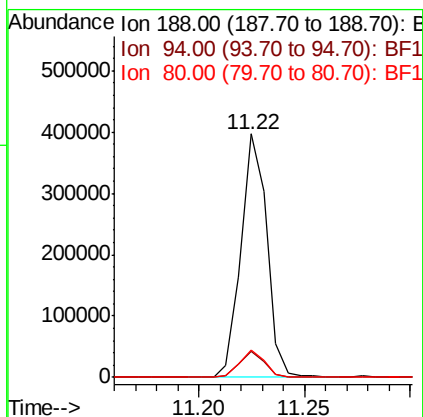
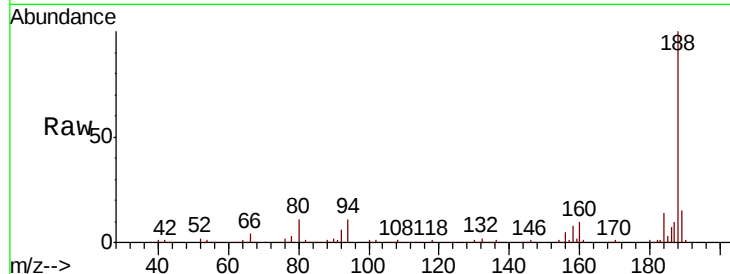




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

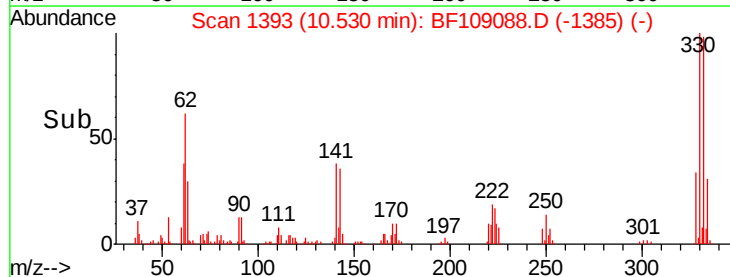
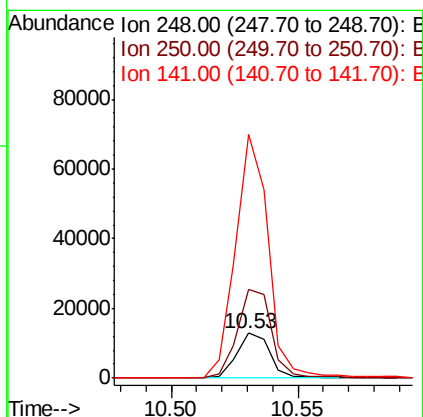
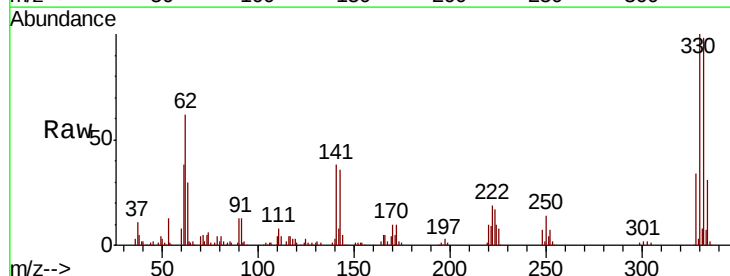
Instrument :
 BNA_F
 ClientSampled :

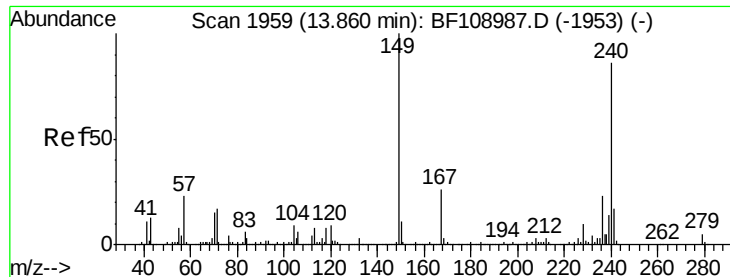
Tot Ion:188 Resp: 337264
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.087 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109088.D
 Acq: 18 Sep 2018 10:22

Tgt Ion:248 Resp: 11739
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 543.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109088.D

Acq: 18 Sep 2018 10:22

Instrument :

BNA_F

ClientSampleId :

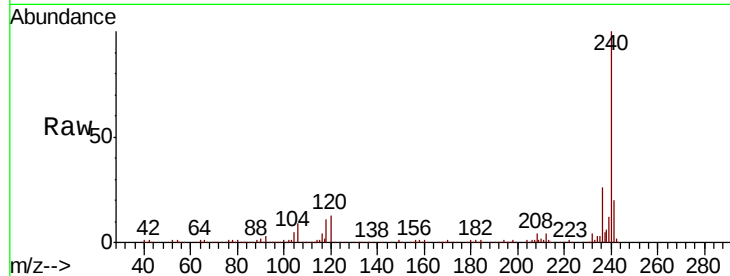
Tot Ion:240 Resp: 320136

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

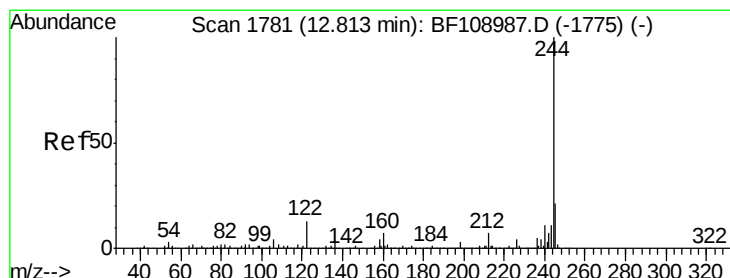
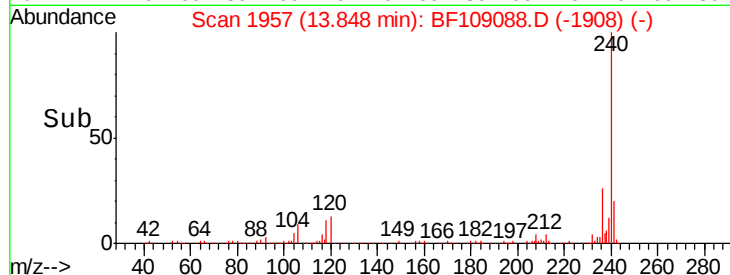
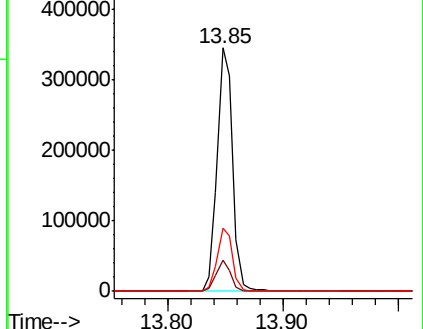
236 25.8 20.7 31.1



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: 99.491 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109088.D

Acq: 18 Sep 2018 10:22

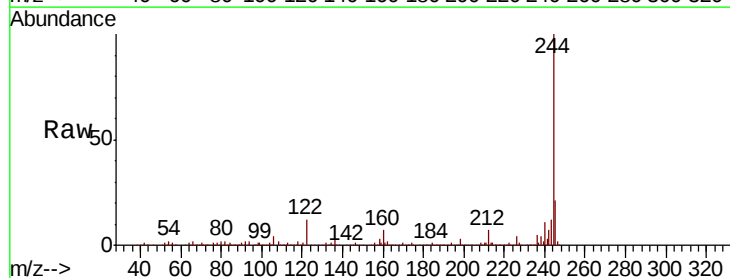
Tgt Ion:244 Resp: 1343764

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

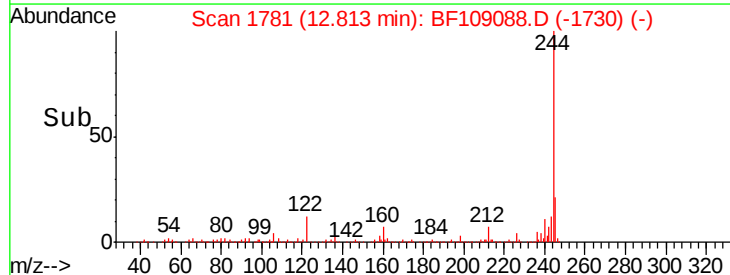
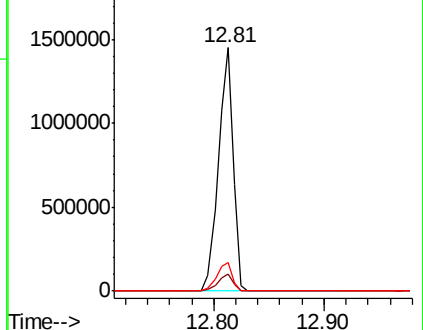
122 11.6 11.0 16.4

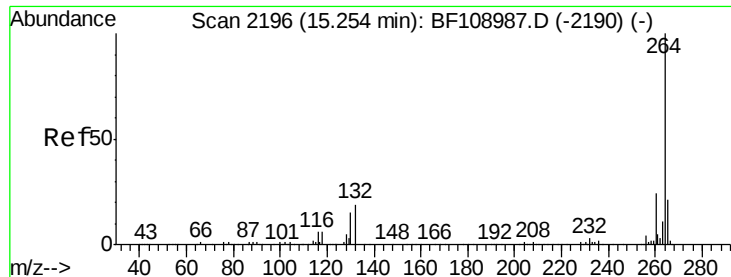


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

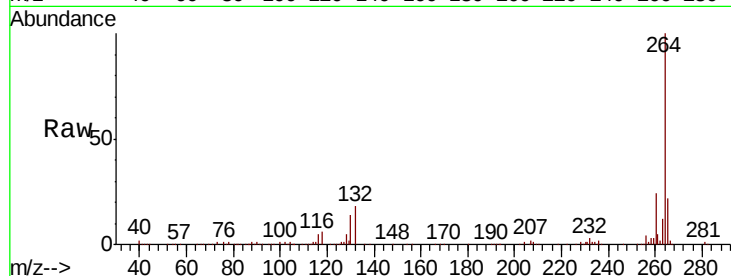




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109088.D
Acq: 18 Sep 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

