

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109125.D
 Acq On : 19 Sep 2018 5:10
 Operator : JU/SJ
 Sample : J4930-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 06:00:34 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	115980	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	396196	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162263	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	277790	20.00	ng	0.00
75) Chrysene-d12	13.85	240	302092	20.00	ng	0.00
86) Perylene-d12	15.26	264	253371	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	314779	45.08	ng	0.00
7) Phenol-d6	6.35	99	249054	27.66	ng	-0.01
23) Nitrobenzene-d5	7.28	82	725528	102.71	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	159720	90.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1176406	113.59	ng	0.00
78) Terphenyl-d14	12.81	244	1147925	90.07	ng	0.00

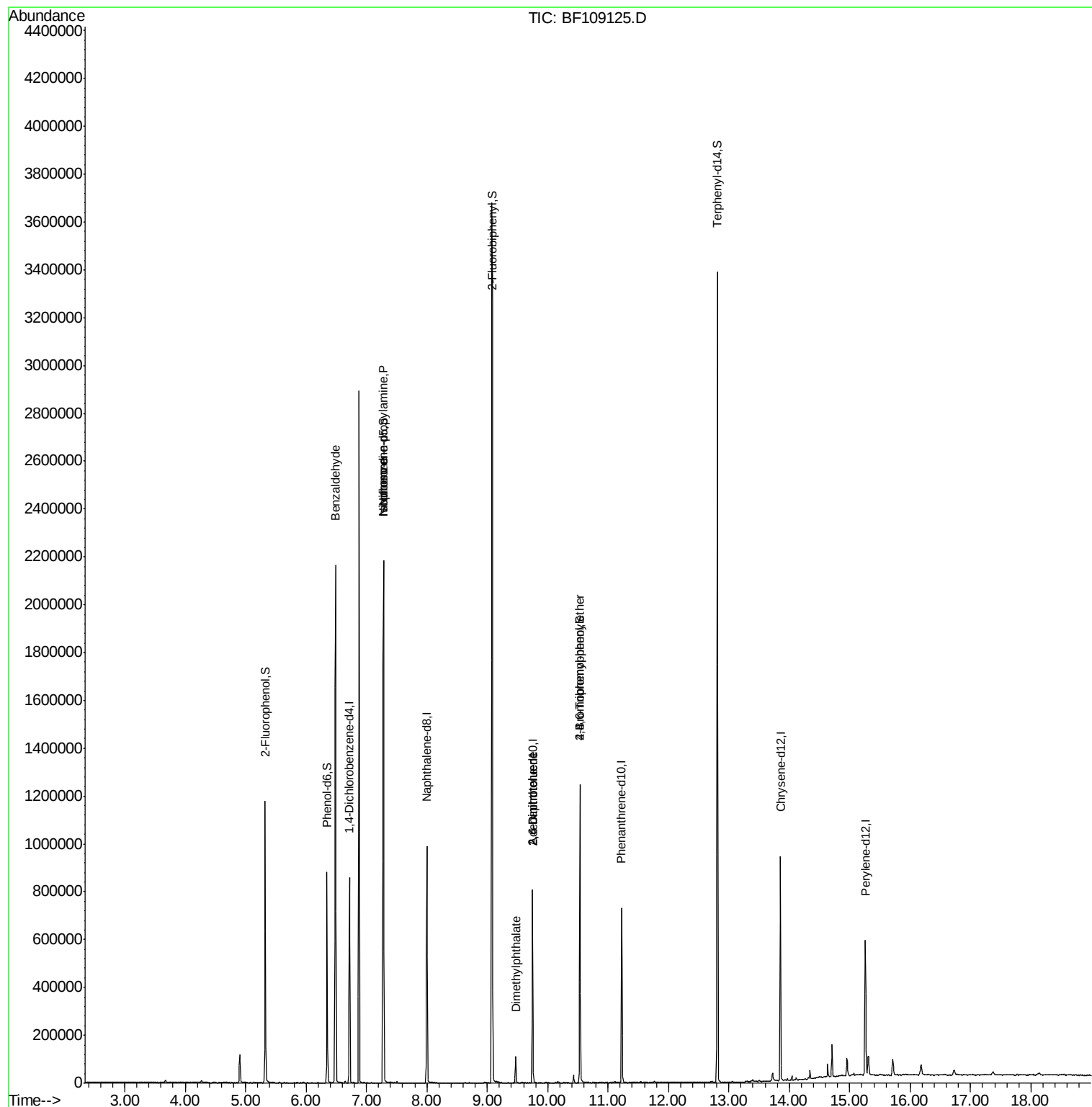
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	13118	2.281	ng	# 77
19) n-Nitroso-di-n-propylamine	7.28	70	97932	16.454	ng	# 76
25) Isophorone	7.28	82	721294	59.403	ng	# 64
49) Dimethylphthalate	9.47	163	46671	4.024	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	20629	8.021	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	20629	6.133	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9267	2.959	ng	# 1

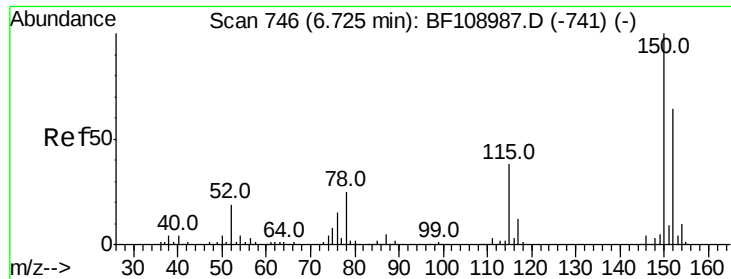
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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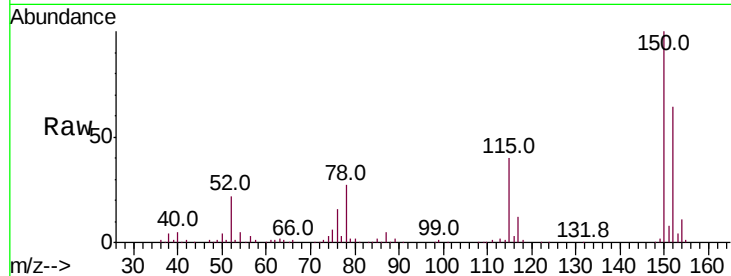


#1

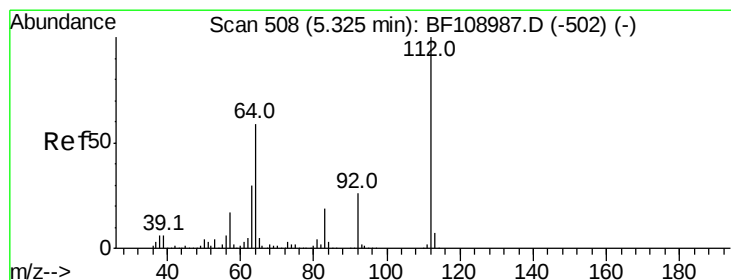
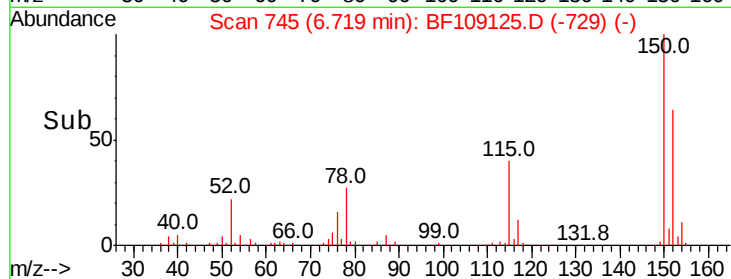
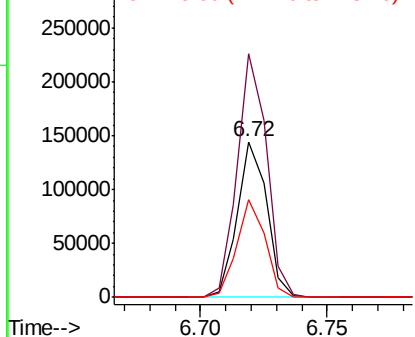
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115980
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.0 50.1 75.1



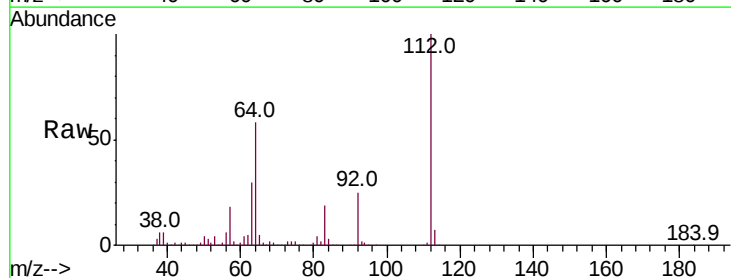
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



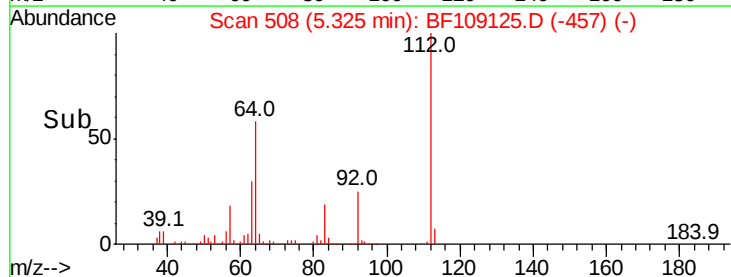
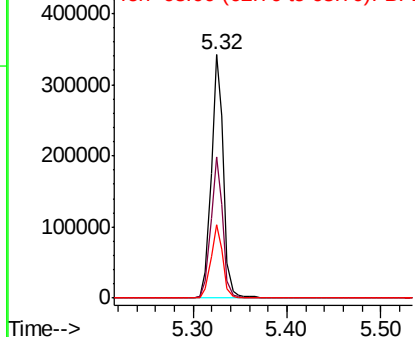
#5

2-Fluorophenol
Concen: 45.078 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Tgt Ion:112 Resp: 314779
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.9 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: 27.660 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

Instrument :

BNA_F

ClientSampleId :

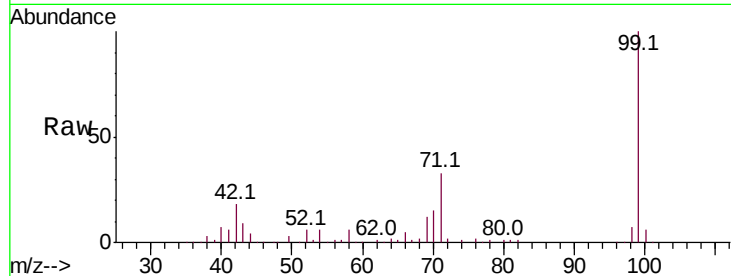
Tot Ion: 99 Resp: 249054

Ion Ratio Lower Upper

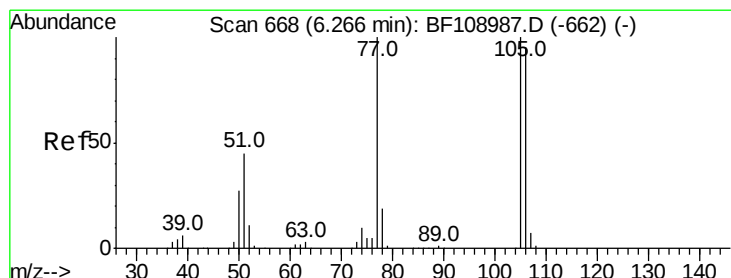
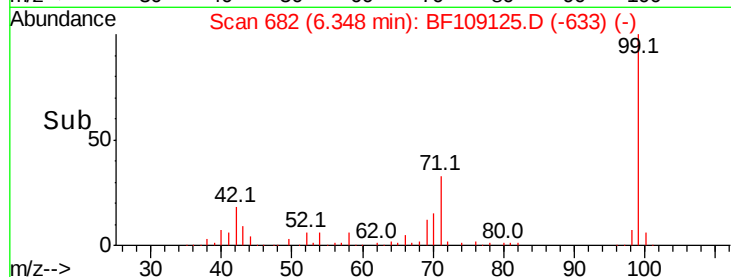
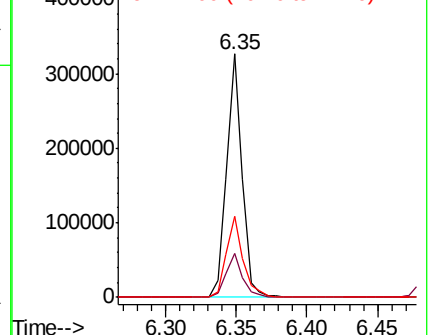
99 100

42 17.8 14.5 21.7

71 33.3 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: 2.281 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

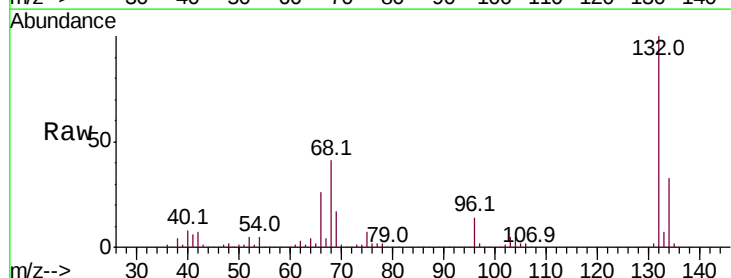
Tgt Ion: 77 Resp: 13118

Ion Ratio Lower Upper

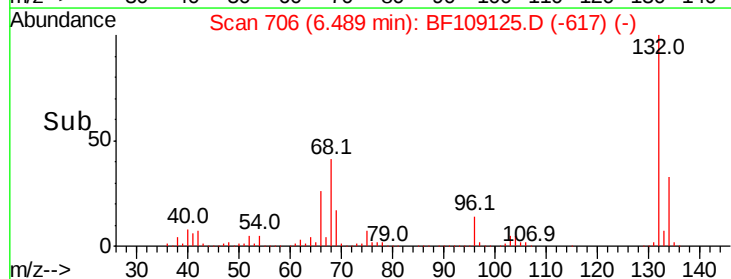
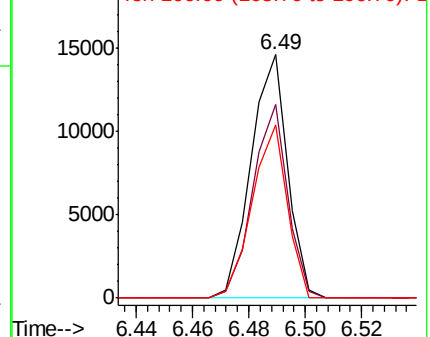
77 100

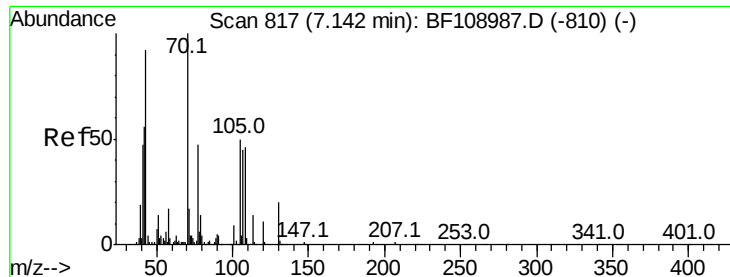
105 79.7 81.1 121.1#

106 71.4 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

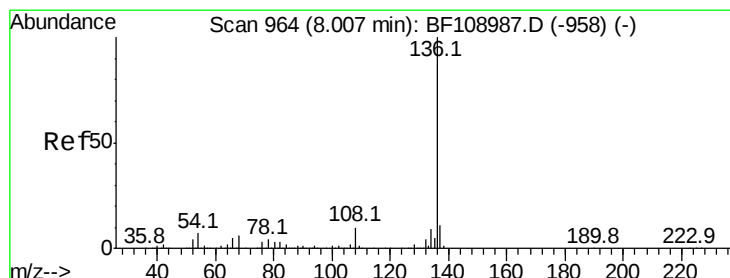
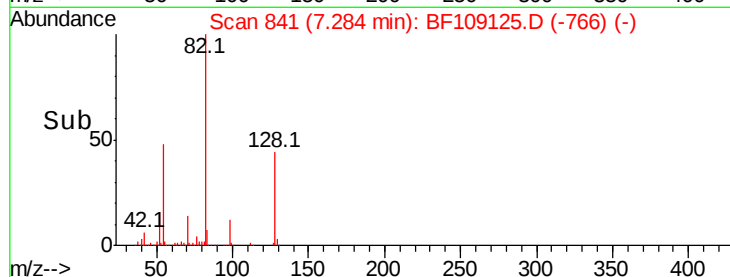
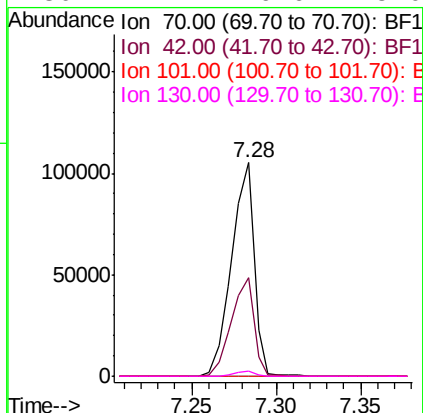
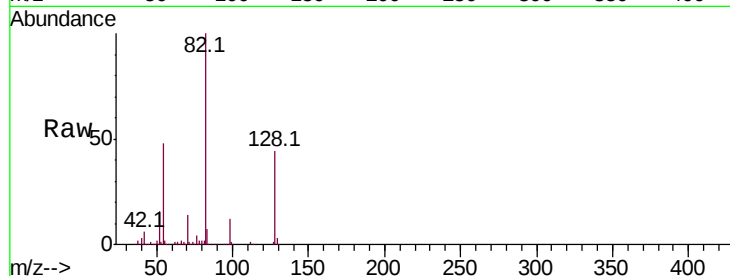




#19
n-Nitroso-di-n-propylamine
Concen: 16.454 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

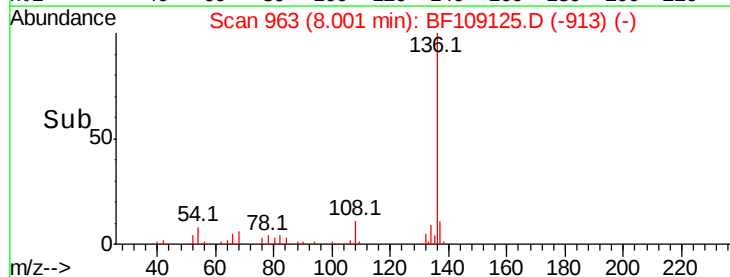
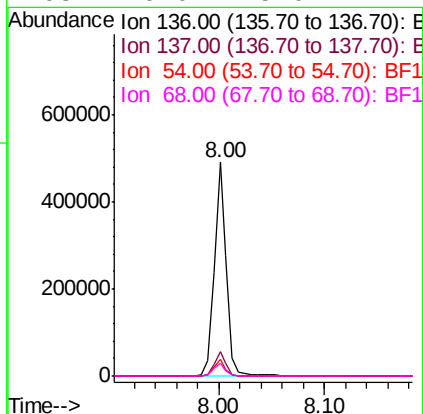
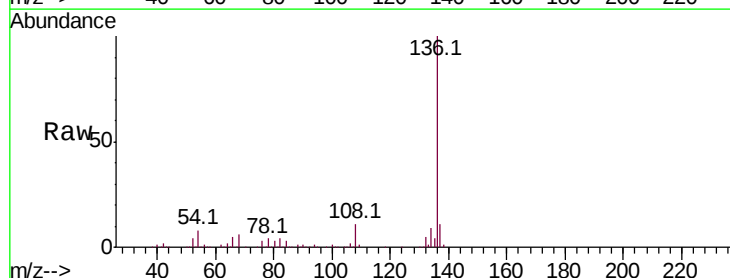
Instrument :
BNA_F
ClientSampleId :

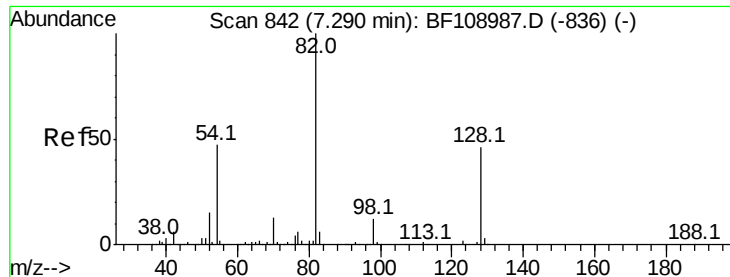
Tot Ion: 70 Resp: 97932
Ion Ratio Lower Upper
70 100
42 46.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Tgt Ion:136 Resp: 396196
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.6 6.6 9.8
68 6.0 5.0 7.4

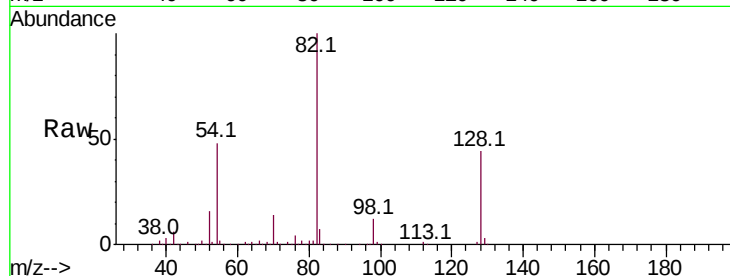




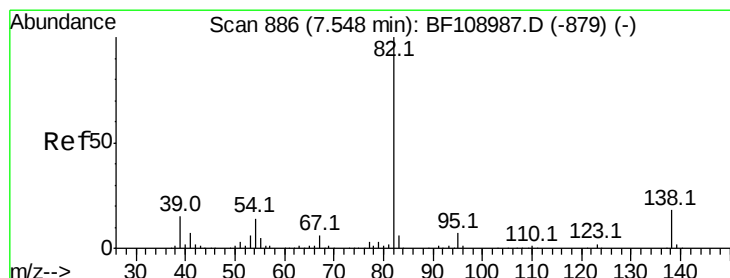
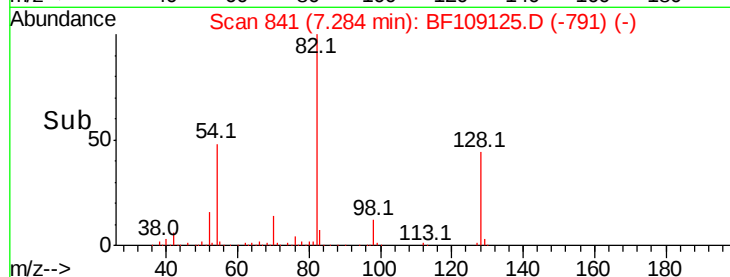
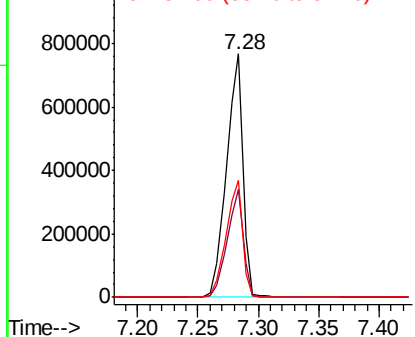
#23
Nitrobenzene-d5
Concen: 102.711 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 725528
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 47.8 41.4 62.2

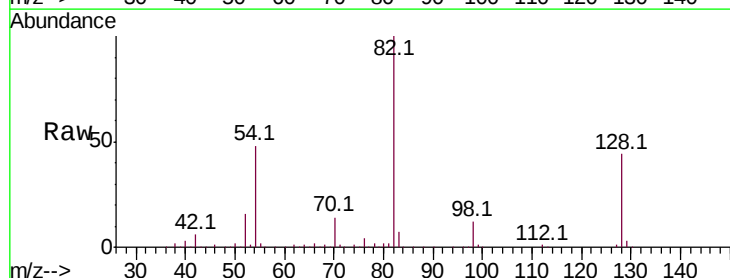


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

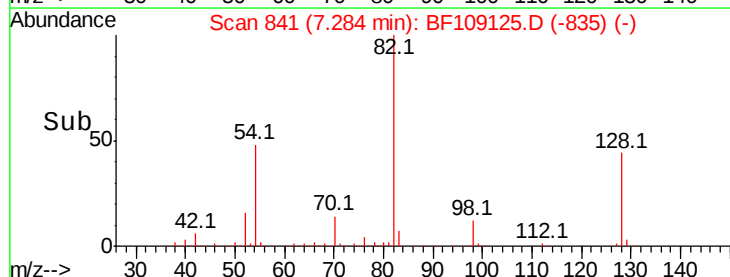
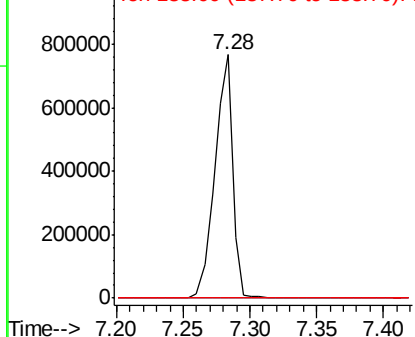


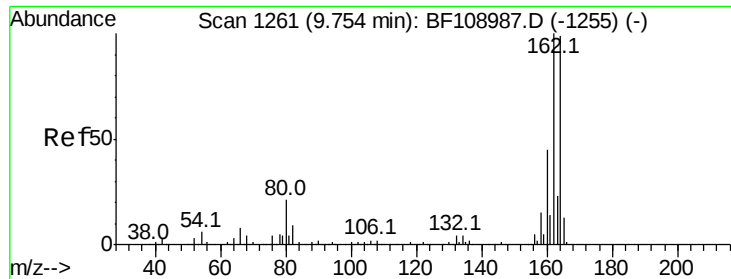
#25
Isophorone
Concen: 59.403 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Tgt Ion: 82 Resp: 721294
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

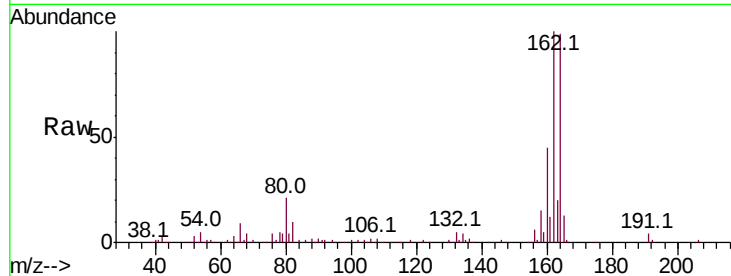




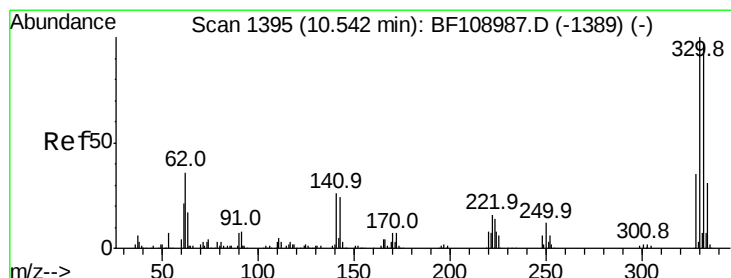
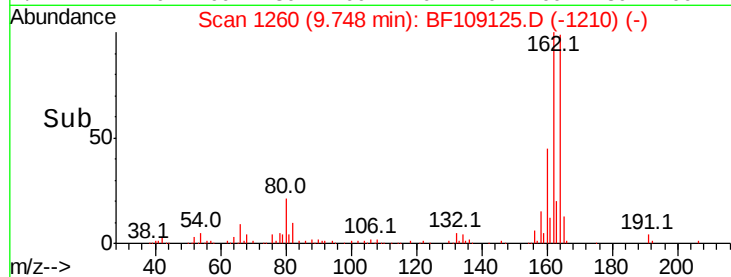
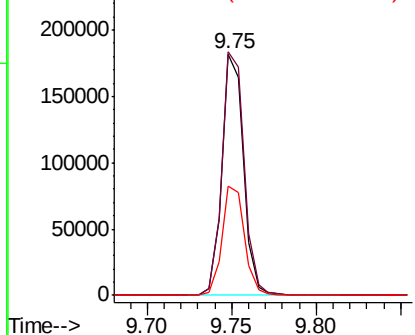
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 162263
 Ion Ratio Lower Upper
 164 100
 162 100.9 86.1 129.1
 160 45.1 38.3 57.5

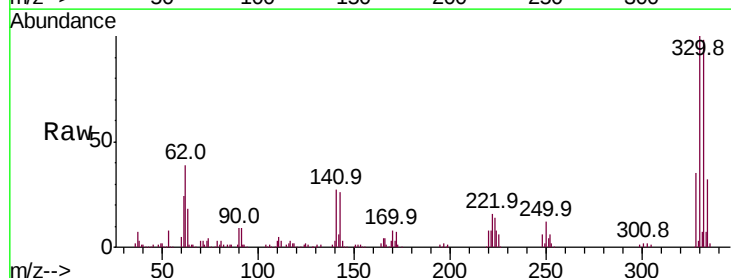


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

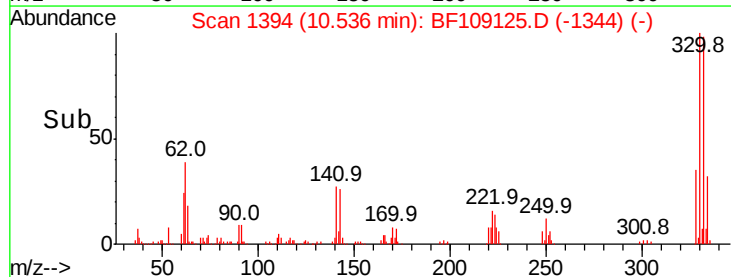
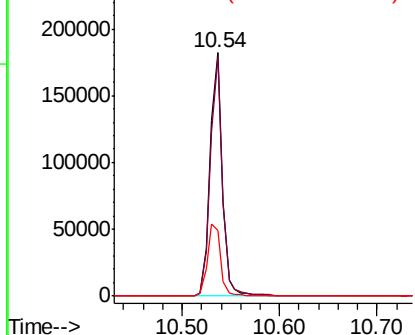


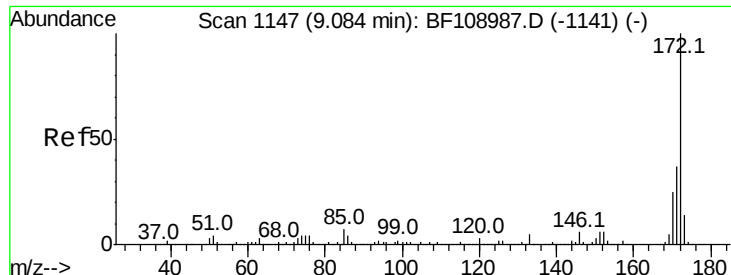
#41
 2,4,6-Tribromophenol
 Concen: 90.699 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Tgt Ion:330 Resp: 159720
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 31.9 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



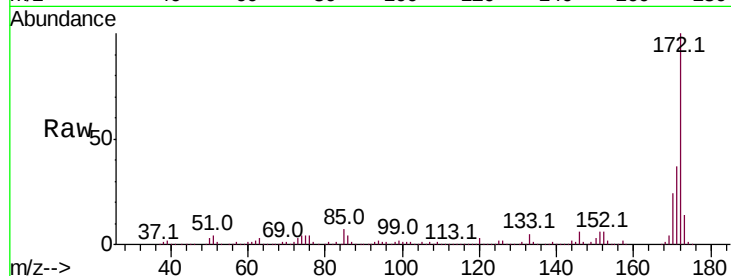


#44
 2-Fluorobiphenyl
 Concen: 113.588 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

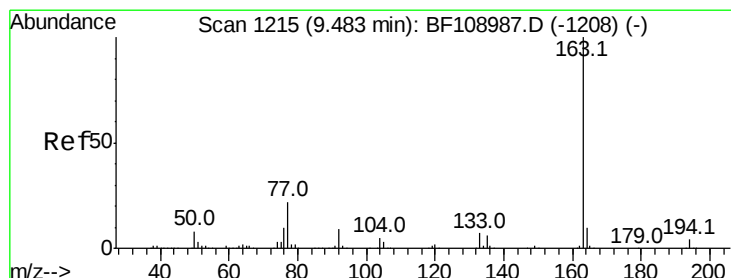
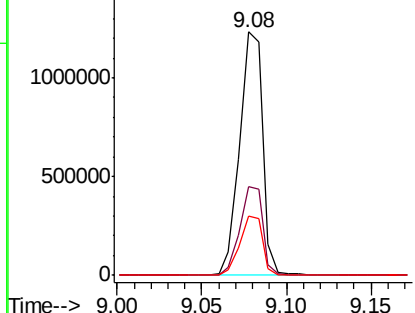
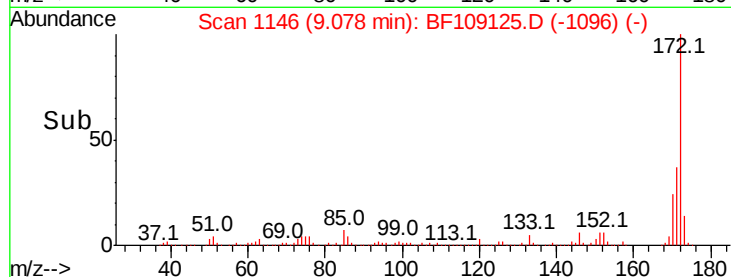
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1176406

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4



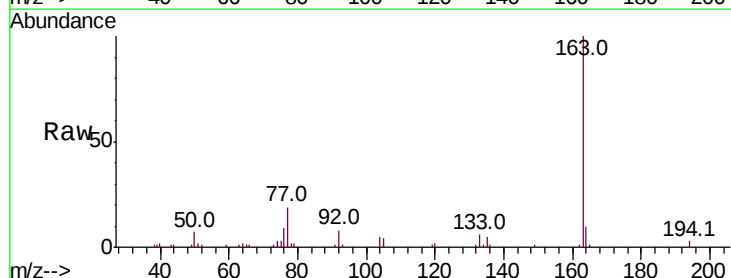
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



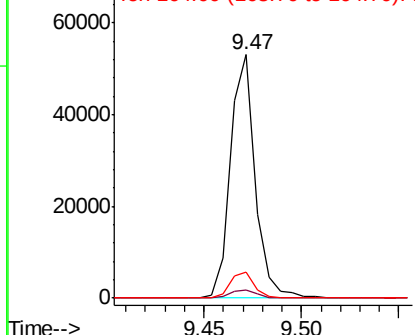
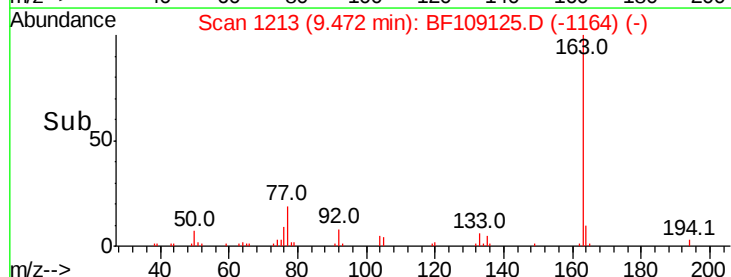
#49
 Dimethylphthalate
 Concen: 4.024 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

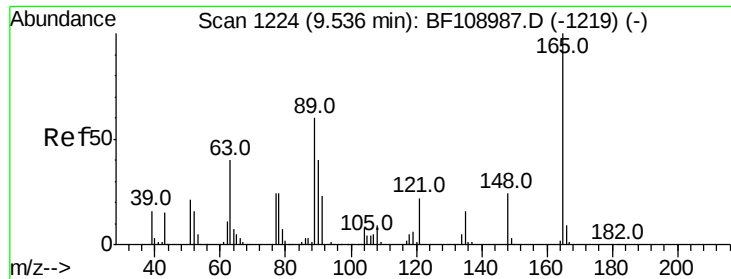
Tgt Ion:163 Resp: 46671

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	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

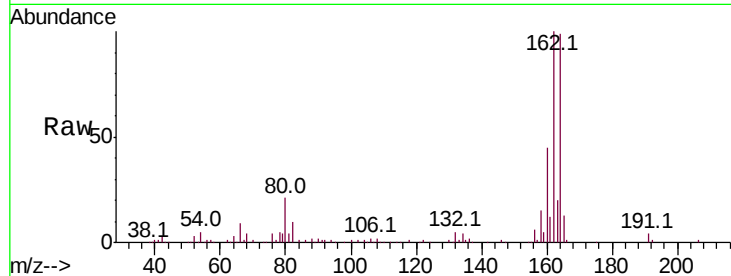




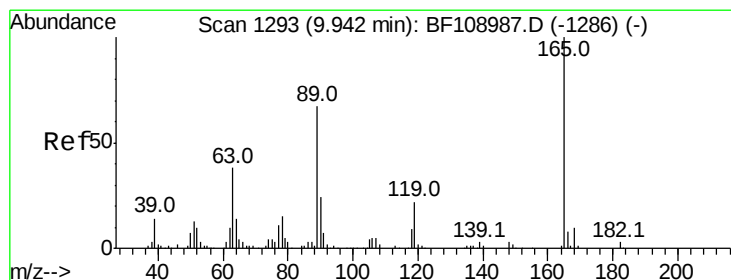
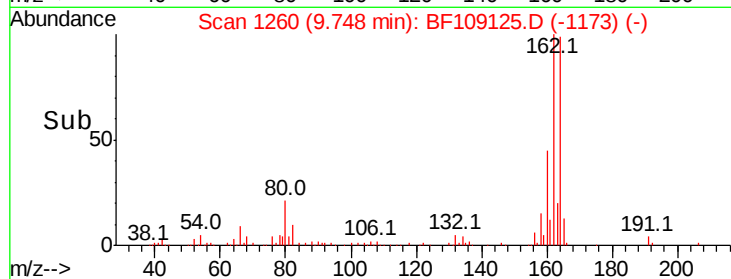
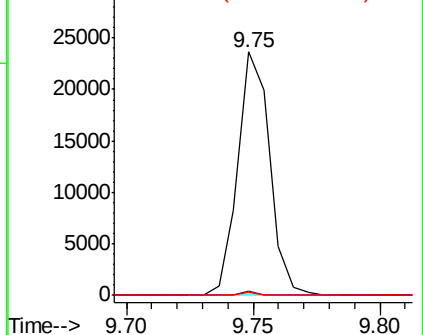
#50
 2,6-Dinitrotoluene
 Concen: 8.021 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.3	44.0	66.0#

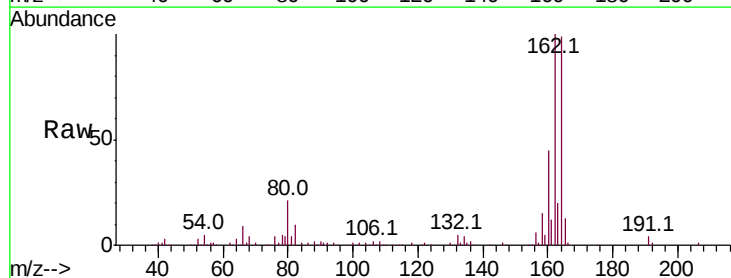


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

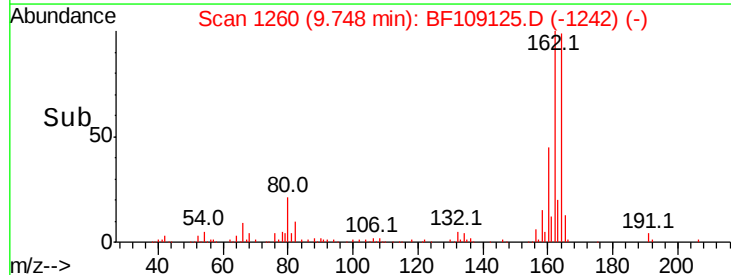
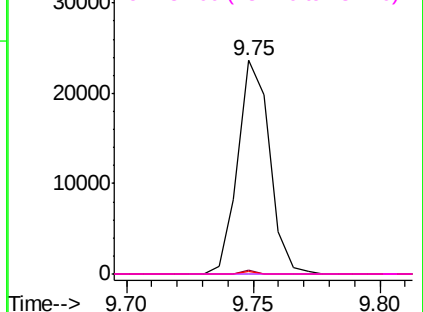


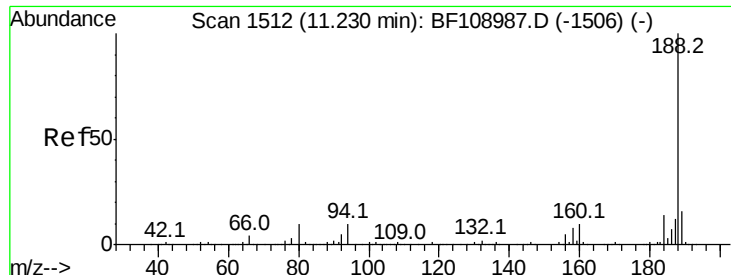
#56
 2,4-Dinitrotoluene
 Concen: 6.133 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.3	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

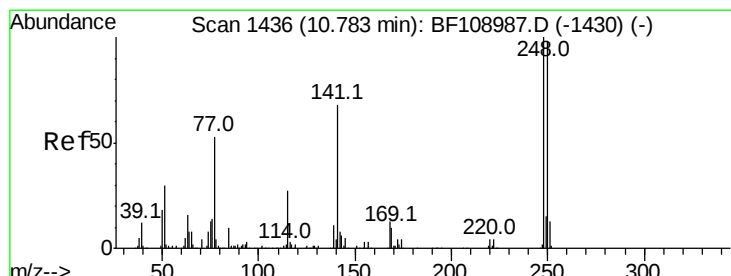
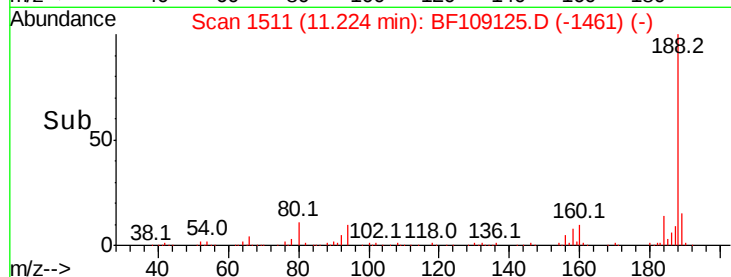
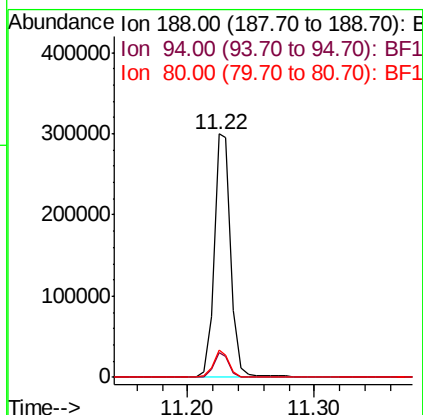
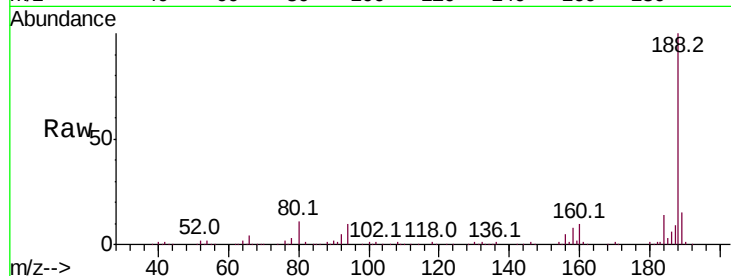




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

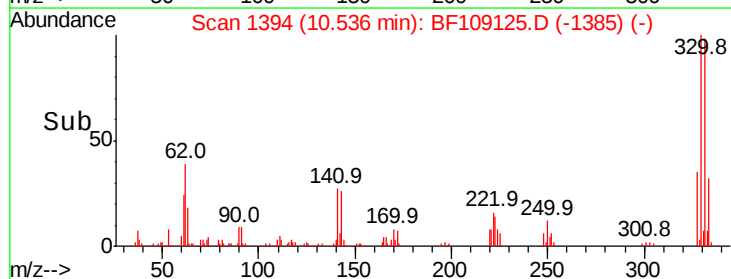
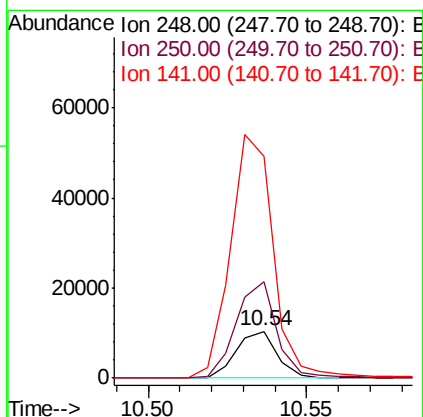
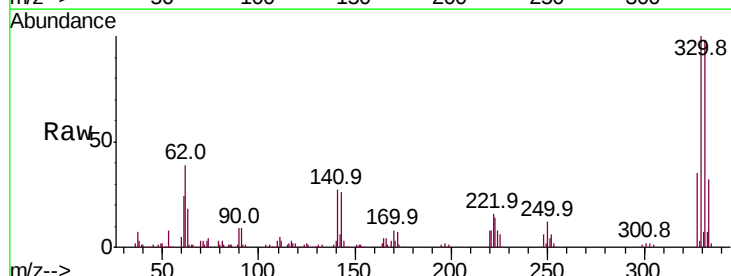
Instrument :
 BNA_F
 ClientSampleId :

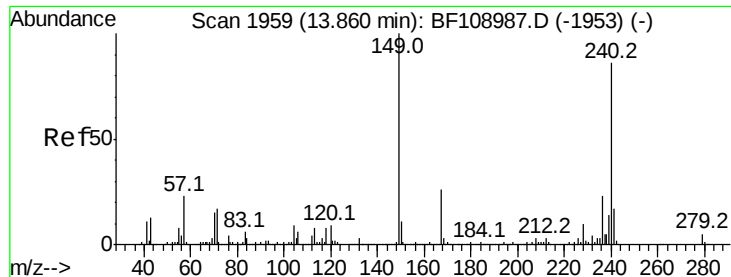
Tot Ion:188 Resp: 277790
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.959 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Tgt Ion:248 Resp: 9267
 Ion Ratio Lower Upper
 248 100
 250 206.4 76.9 115.3#
 141 473.0 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: BF109125.D

Acq: 19 Sep 2018 5:10

Instrument :

BNA_F

ClientSampleId :

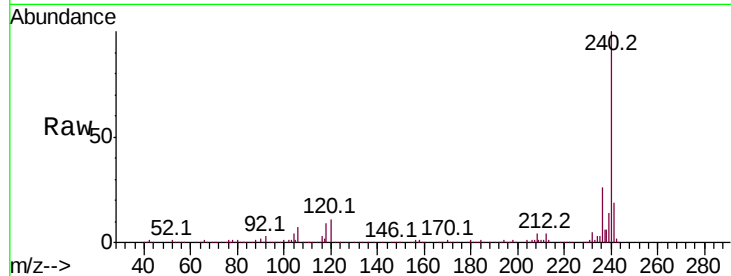
Tot Ion:240 Resp: 302092

Ion Ratio Lower Upper

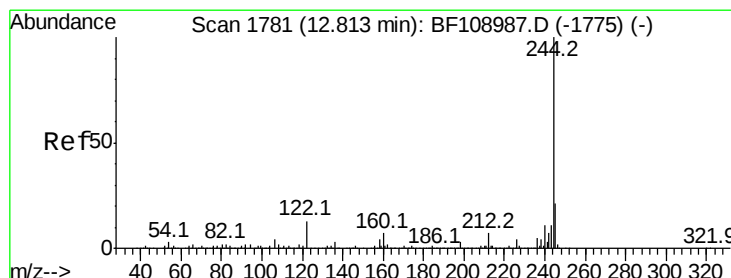
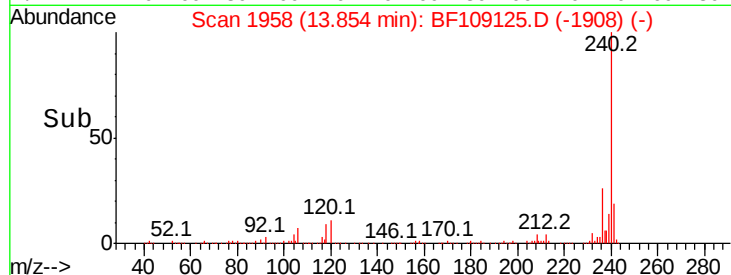
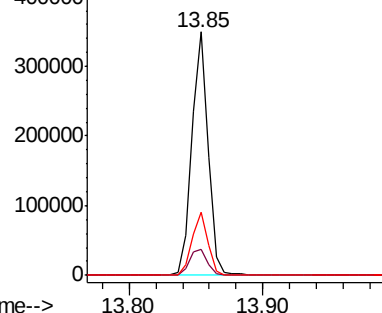
240 100

120 10.7 9.5 14.3

236 25.7 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: 90.068 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

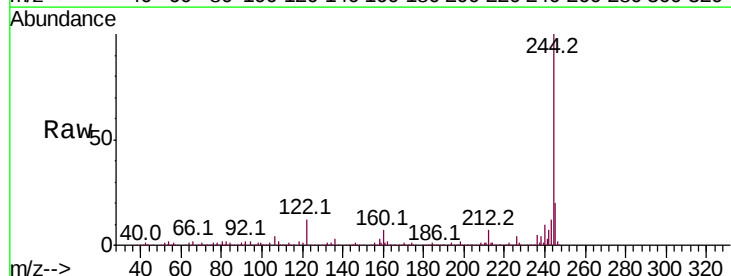
Tgt Ion:244 Resp: 1147925

Ion Ratio Lower Upper

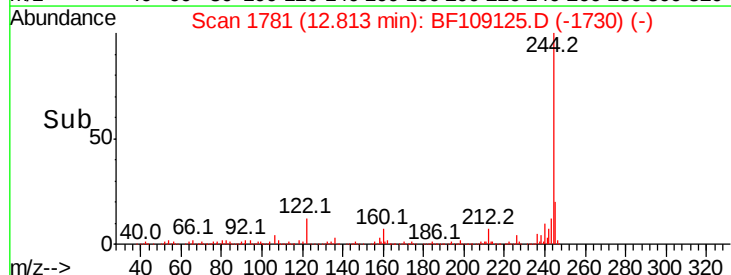
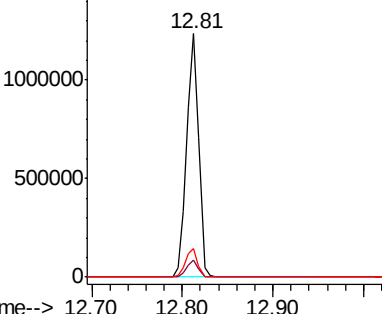
244 100

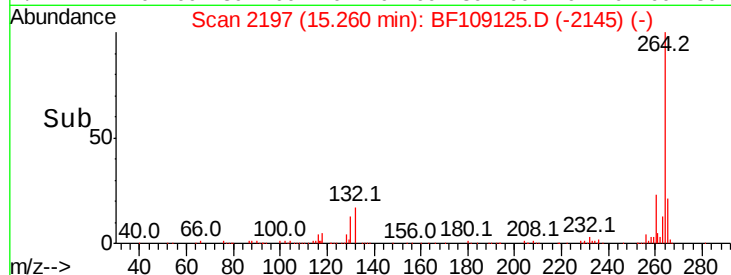
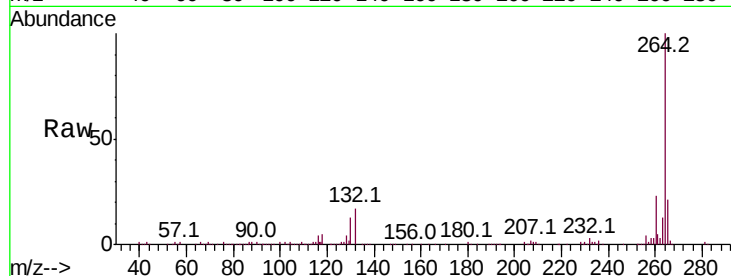
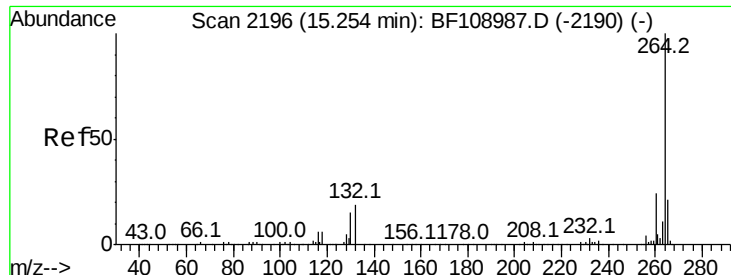
212 7.0 5.4 8.0

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	253371
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.4	17.5	26.3

