

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109126.D
 Acq On : 19 Sep 2018 5:36
 Operator : JU/SJ
 Sample : J4931-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 06:00:44 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

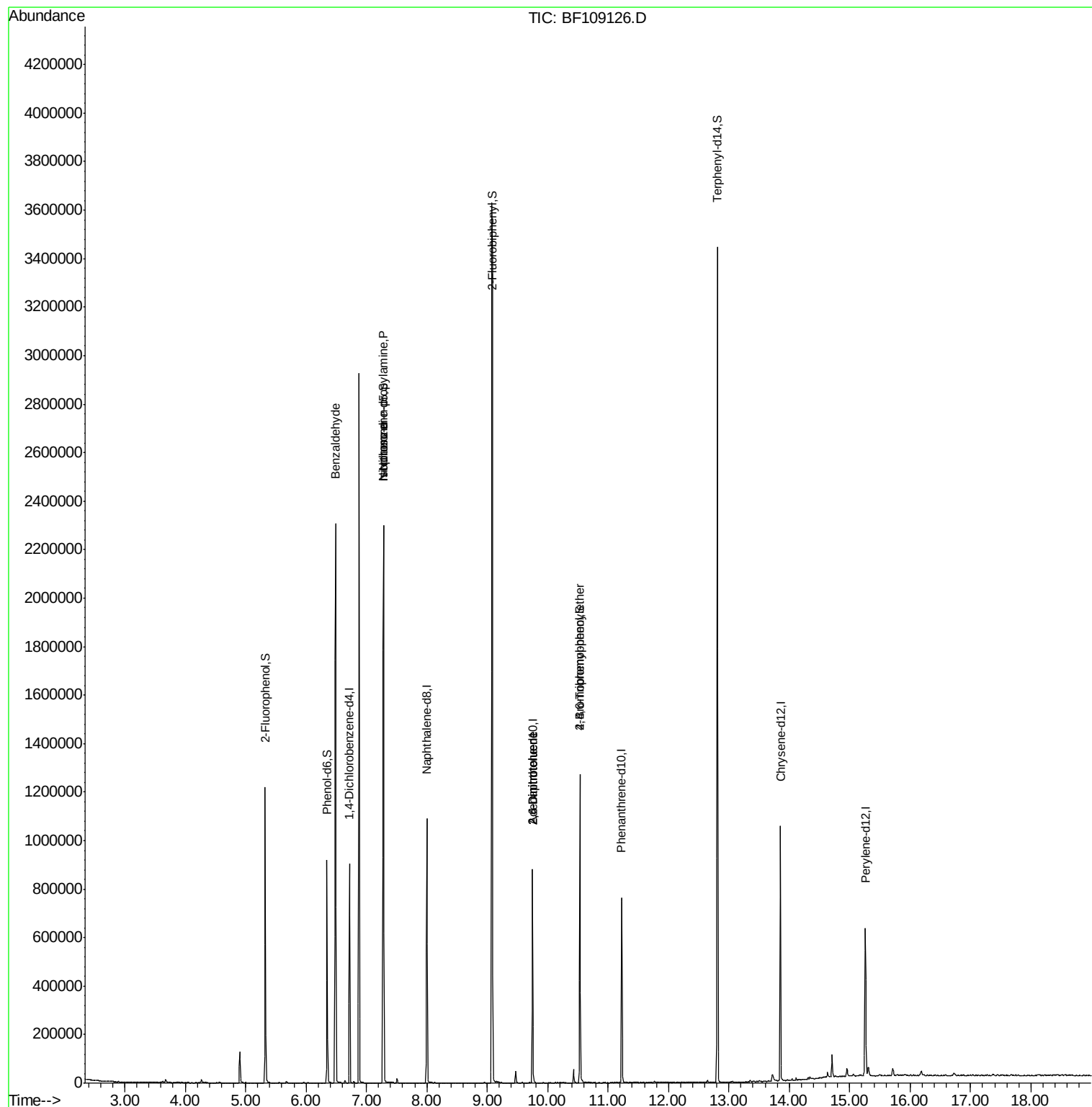
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126251	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	436102	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	175048	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	292323	20.00	ng	0.00
75) Chrysene-d12	13.85	240	336187	20.00	ng	0.00
86) Perylene-d12	15.26	264	280851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	328841	43.26	ng	0.00
7) Phenol-d6	6.35	99	261718	26.70	ng	-0.01
23) Nitrobenzene-d5	7.28	82	754101	96.99	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	161546	85.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1200683	107.46	ng	0.00
78) Terphenyl-d14	12.81	244	1157429	81.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	12898	2.060	ng	# 79
19) n-Nitroso-di-n-propylamine	7.28	70	102123	15.762	ng	# 77
25) Isophorone	7.28	82	750102	56.122	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	22002	7.930	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	22002	6.064	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	9736	2.954	ng	# 1

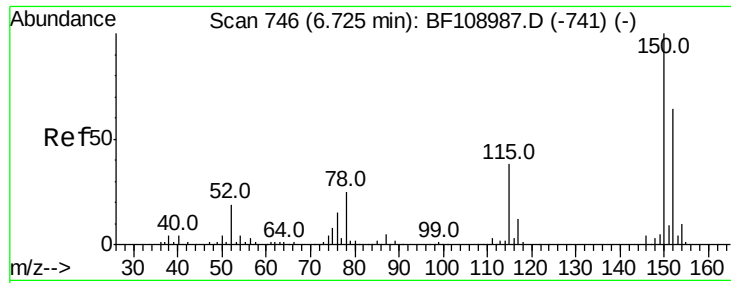
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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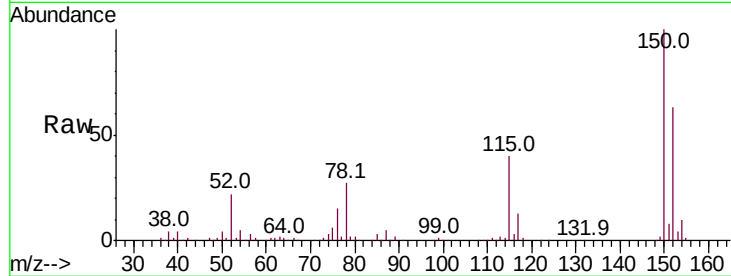


#1

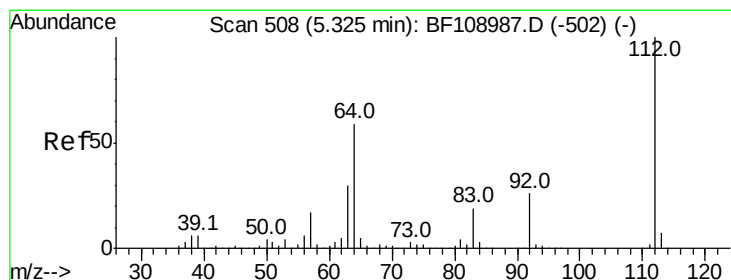
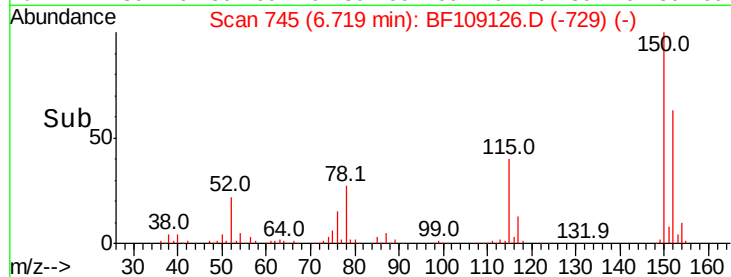
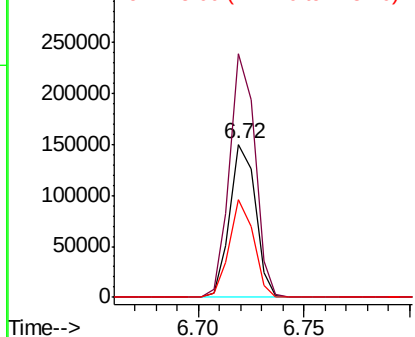
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	63.6	50.1	75.1



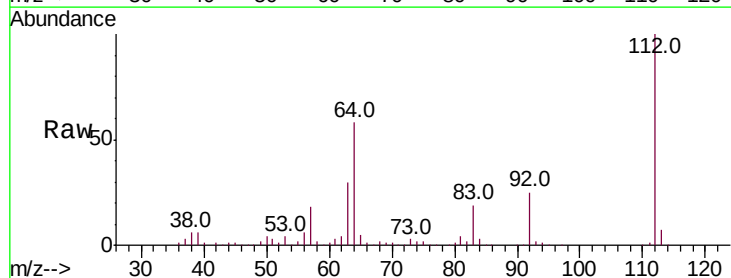
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



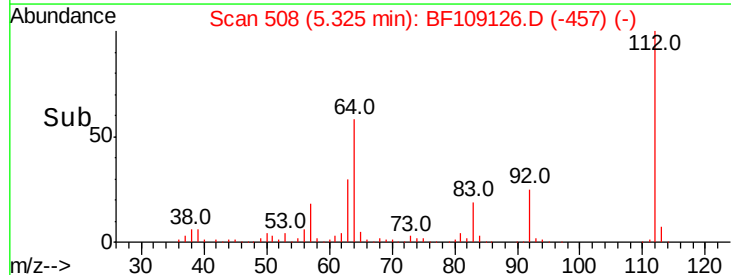
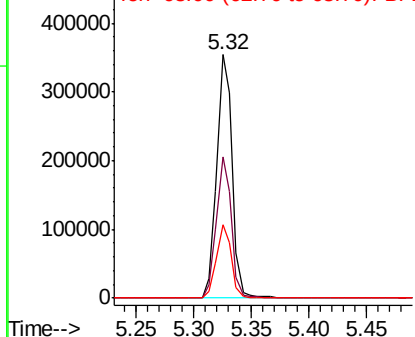
#5

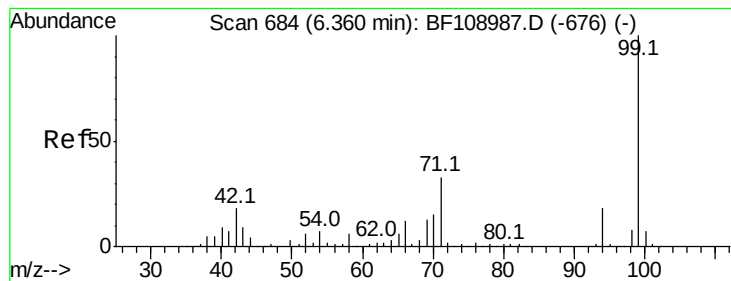
2-Fluorophenol
Concen: 43.260 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.4	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: 26.701 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109126.D

Acq: 19 Sep 2018 5:36

Instrument :

BNA_F

ClientSampleId :

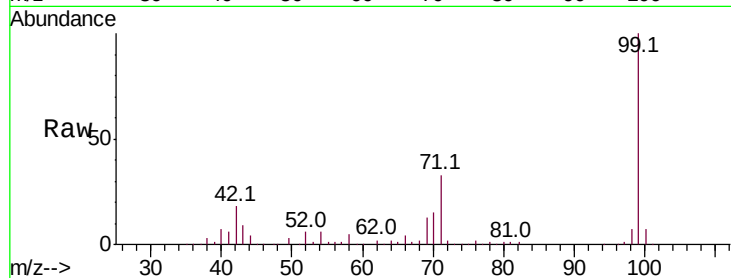
Tot Ion: 99 Resp: 261718

Ion Ratio Lower Upper

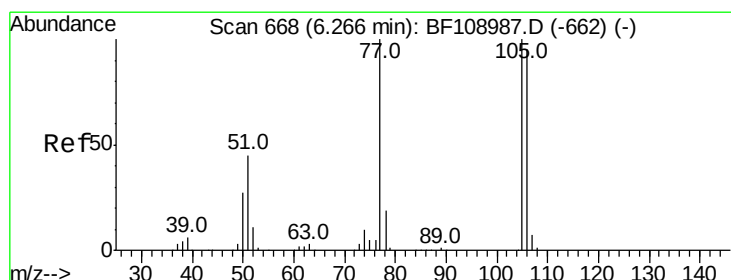
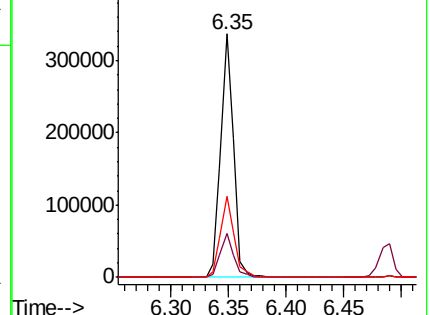
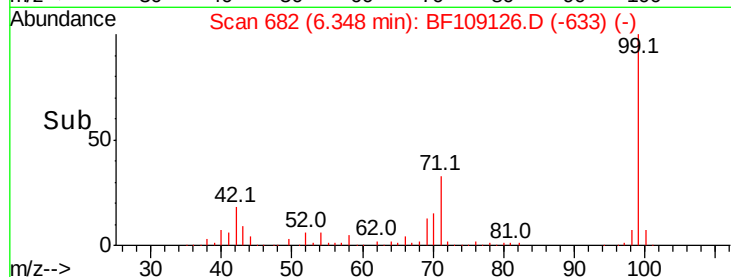
99 100

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



#9

Benzaldehyde

Concen: 2.060 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109126.D

Acq: 19 Sep 2018 5:36

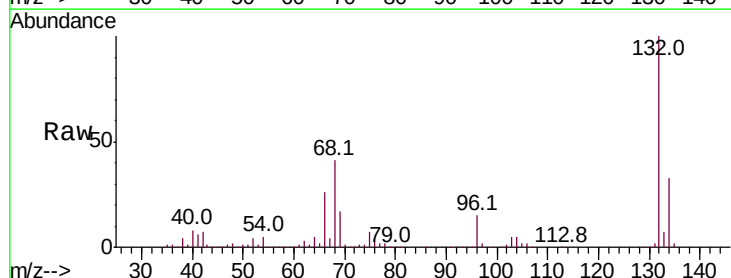
Tgt Ion: 77 Resp: 12898

Ion Ratio Lower Upper

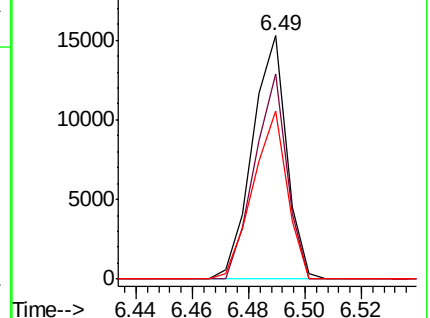
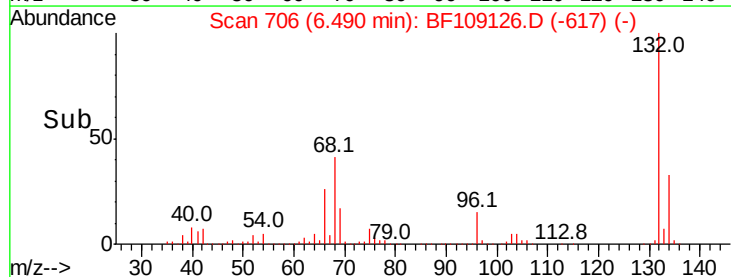
77 100

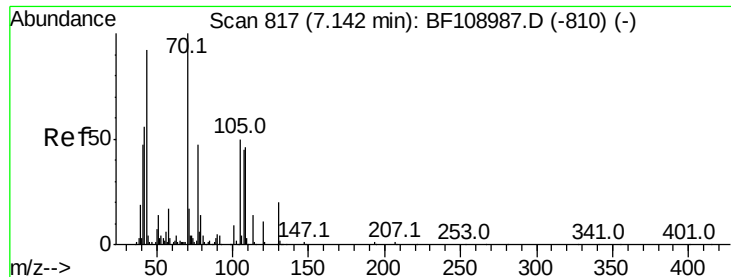
105 84.2 81.1 121.1

106 68.8 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

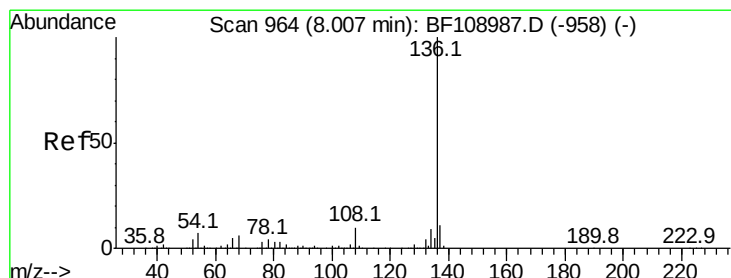
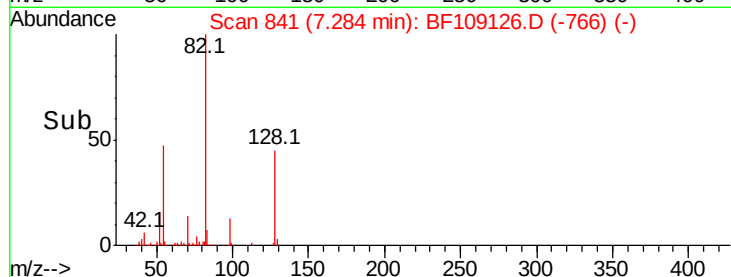
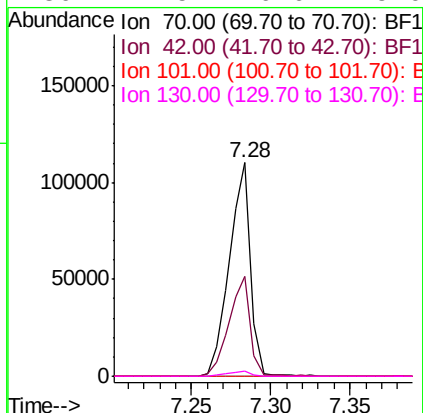
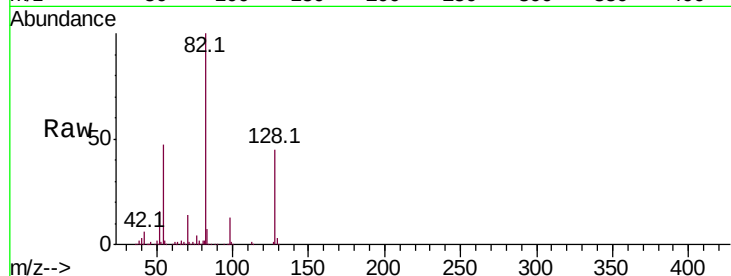




#19
n-Nitroso-di-n-propylamine
Concen: 15.762 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

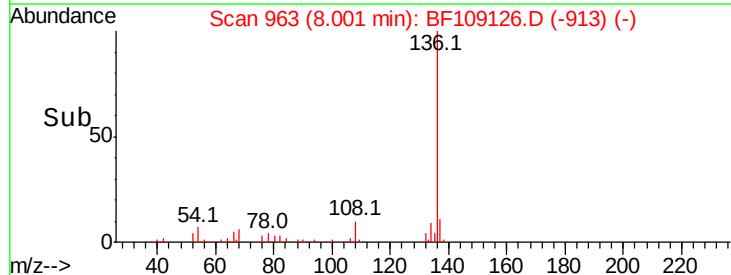
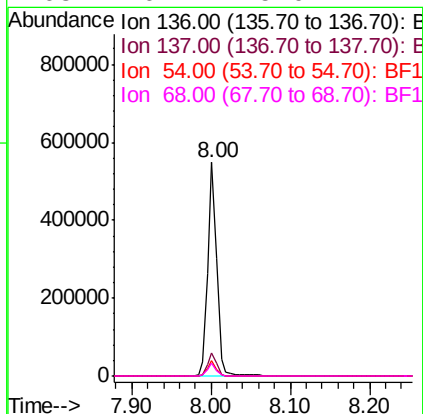
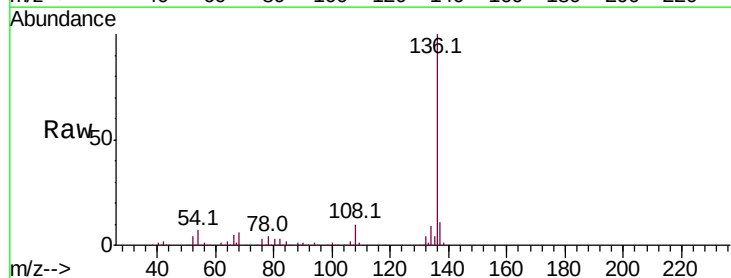
Instrument :
BNA_F
ClientSampleId :

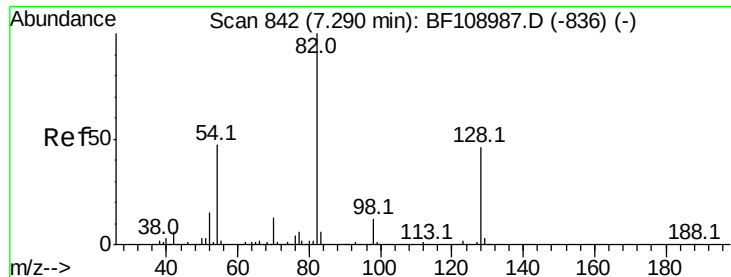
Tot Ion: 70 Resp: 102123
Ion Ratio Lower Upper
70 100
42 46.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Tgt Ion: 136 Resp: 436102
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.6 9.8
68 6.1 5.0 7.4

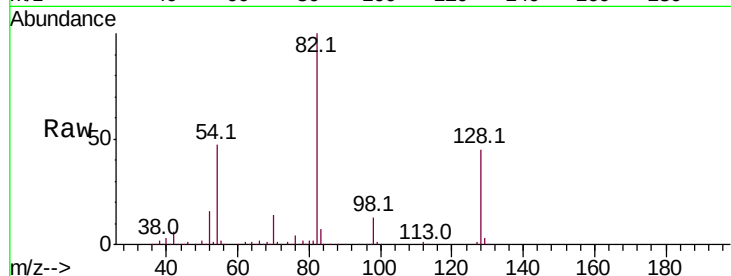




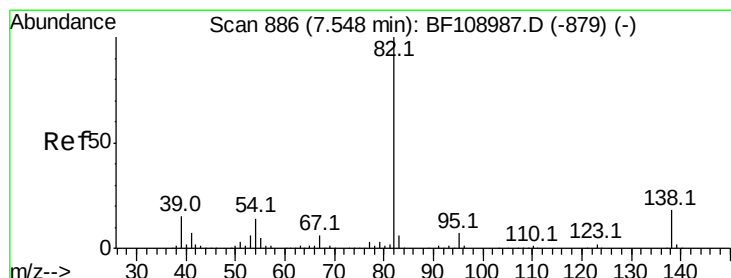
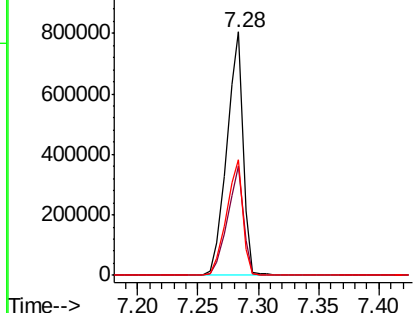
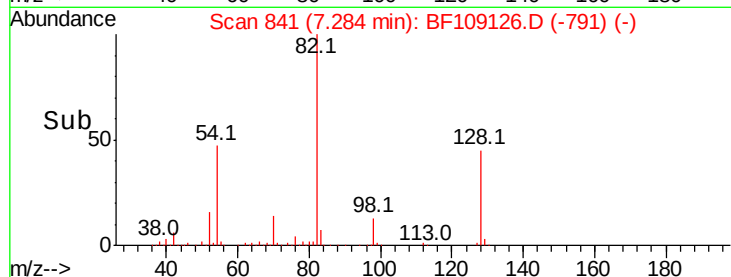
#23
Nitrobenzene-d5
Concen: 96.987 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	754101
Ion Ratio	100	Lower	Upper
128	45.0	36.1	54.1
54	47.3	41.4	62.2

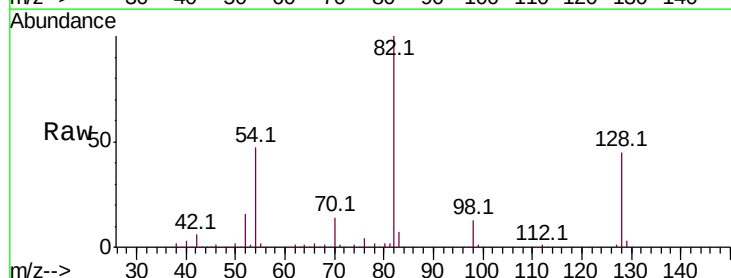


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

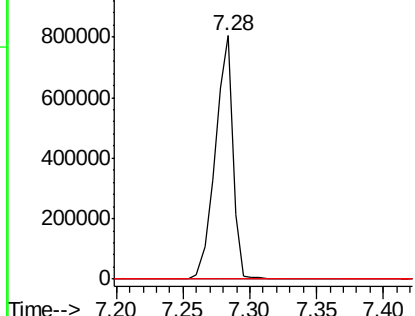
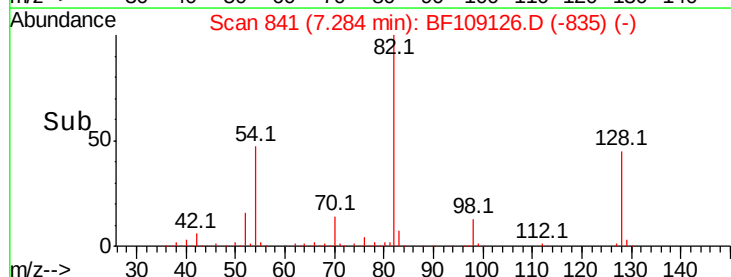


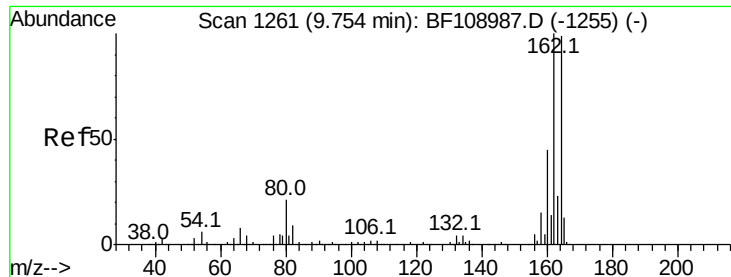
#25
Isophorone
Concen: 56.122 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109126.D
Acq: 19 Sep 2018 5:36

Tgt Ion	82	Resp	750102
Ion Ratio	100	Lower	Upper
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

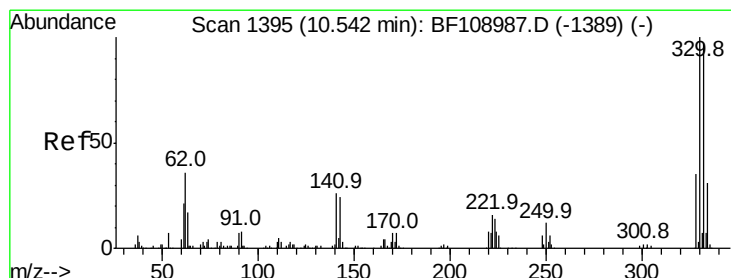
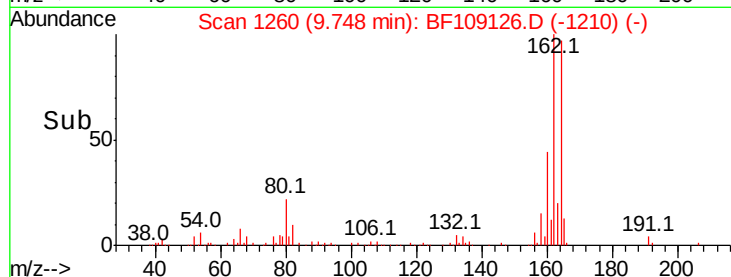
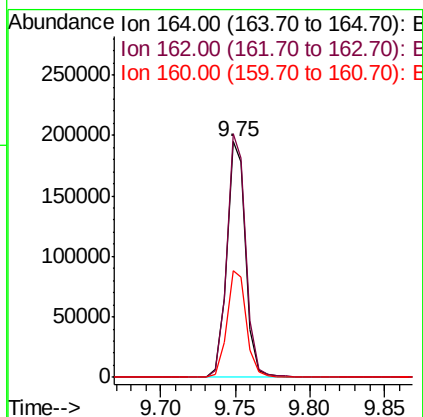
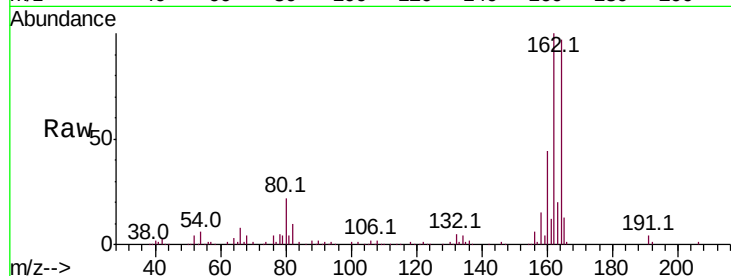




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

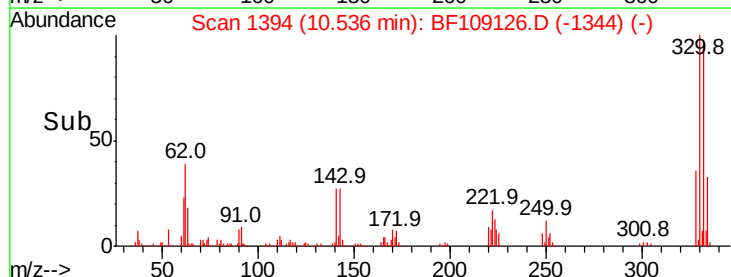
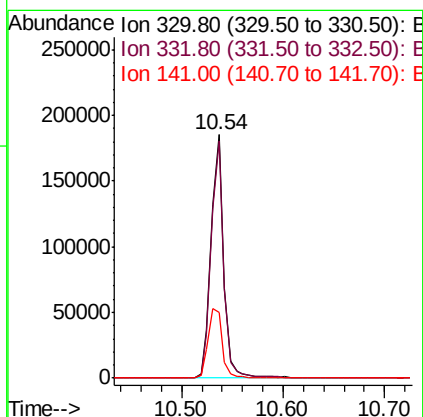
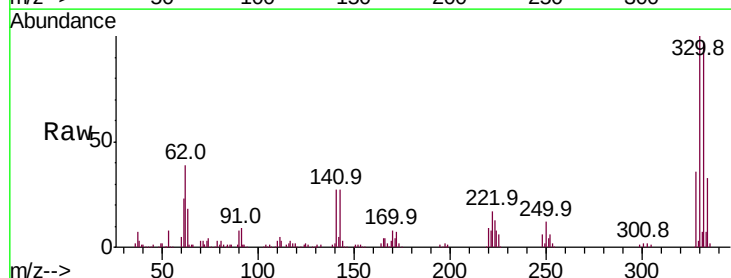
Instrument :
 BNA_F
 ClientSampleId :

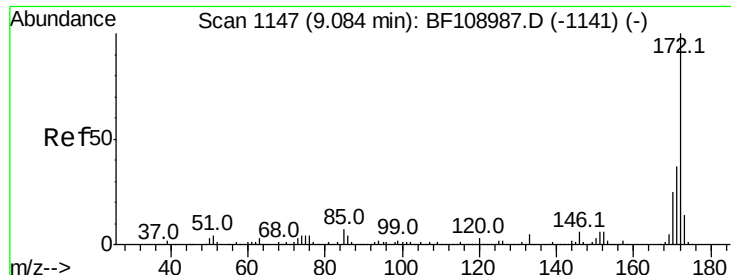
Tot Ion:164 Resp: 175048
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.036 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion:330 Resp: 161546
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.0 29.9 44.9



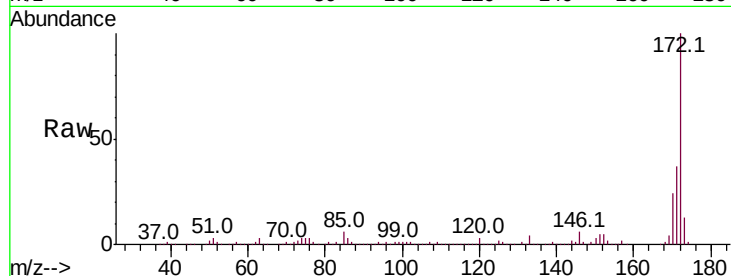


#44
 2-Fluorobiphenyl
 Concen: 107.465 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

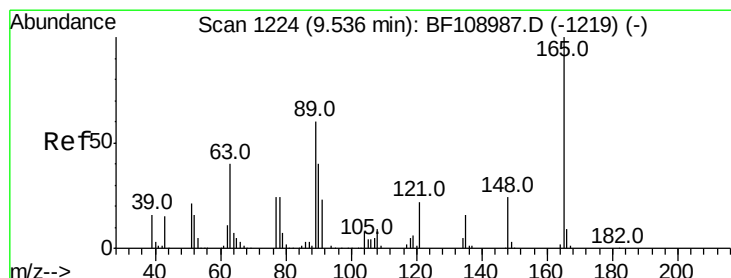
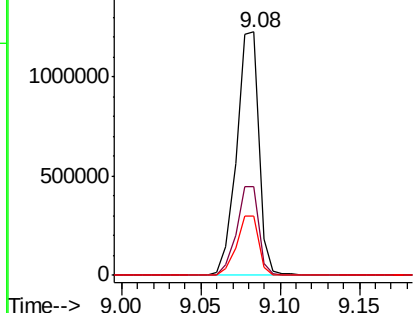
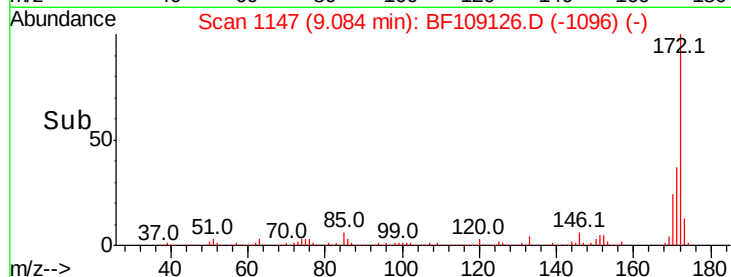
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1200683

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4



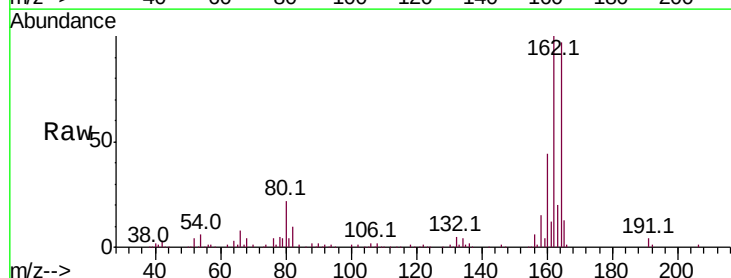
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



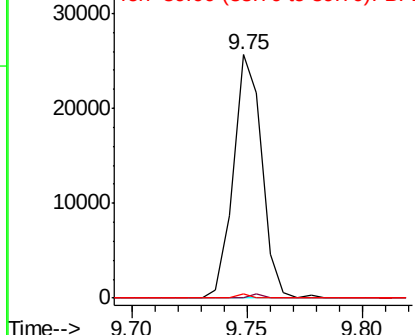
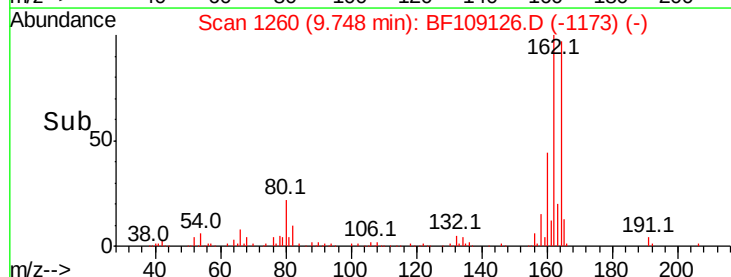
#50
 2,6-Dinitrotoluene
 Concen: 7.930 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

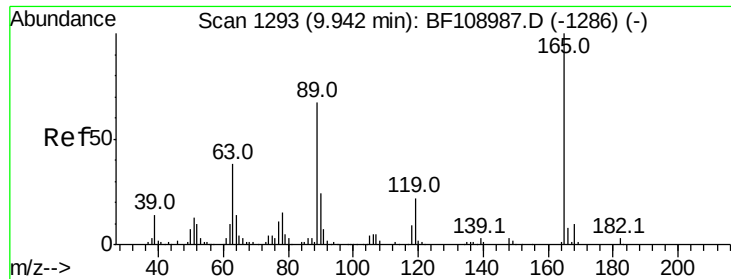
Tgt Ion:165 Resp: 22002

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	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

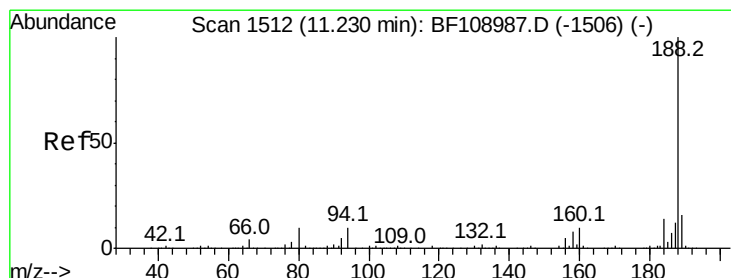
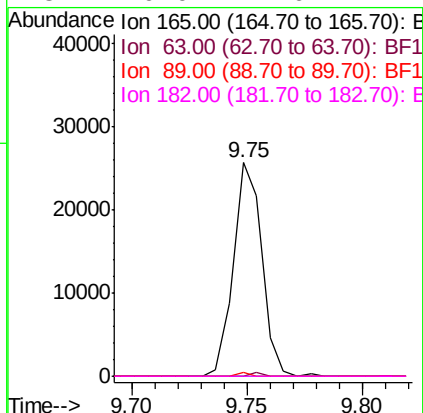
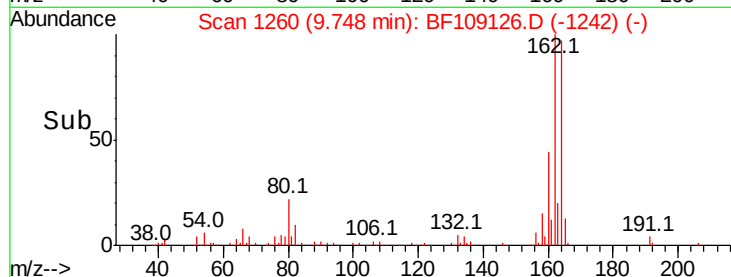
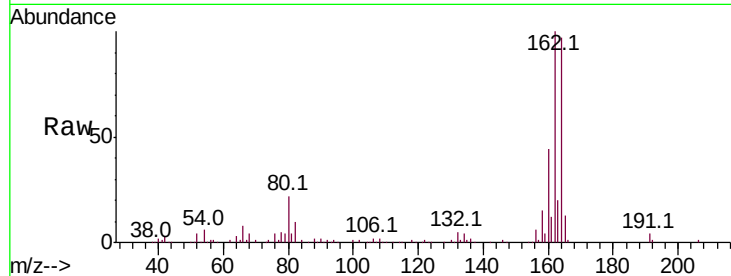




#56
 2,4-Dinitrotoluene
 Concen: 6.064 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

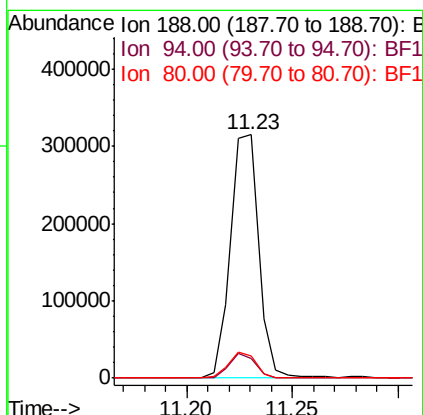
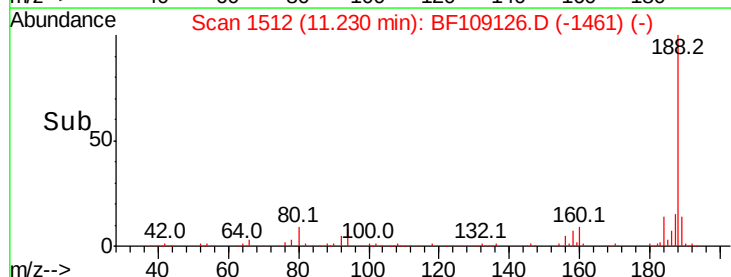
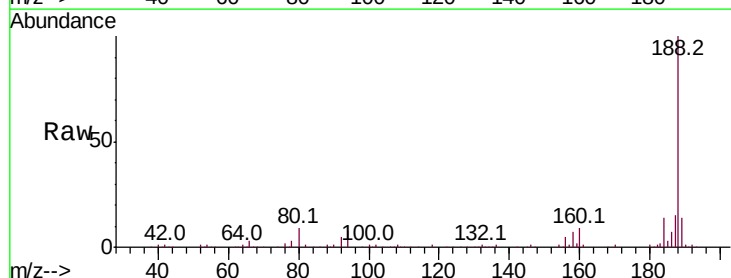
Instrument :
 BNA_F
 ClientSampleId :

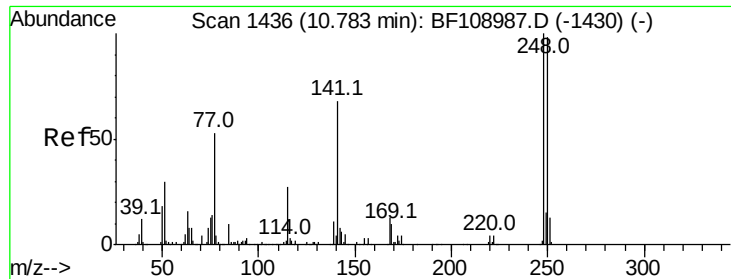
Tot Ion:165	Resp:	22002
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion:188	Resp:	292323
Ion Ratio	Lower	Upper
188	100	
94	8.3	8.5 12.7#
80	8.9	9.2 13.8#

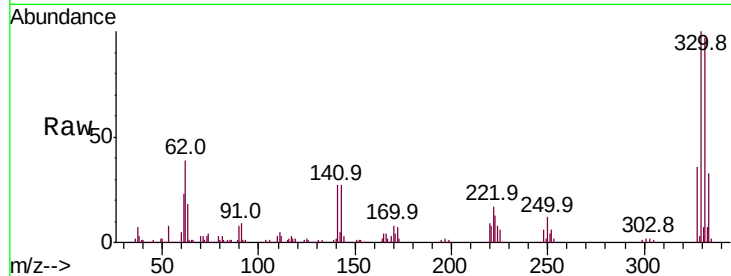




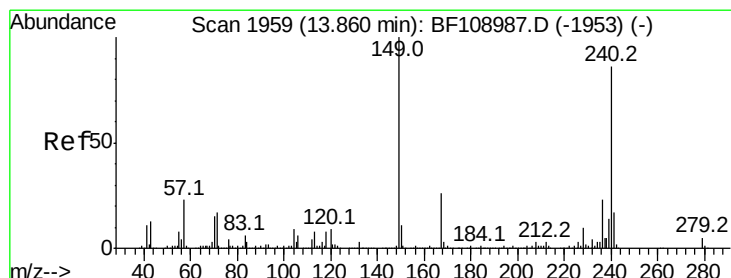
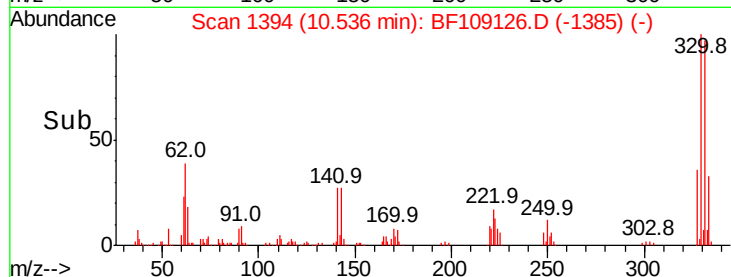
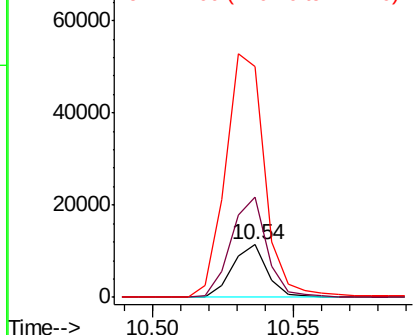
#66
 4-Bromophenyl-phenylether
 Concen: 2.954 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9736
 Ion Ratio Lower Upper
 248 100
 250 191.5 76.9 115.3#
 141 441.2 74.4 111.6#

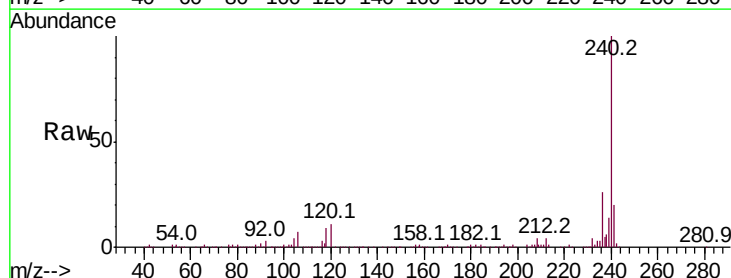


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

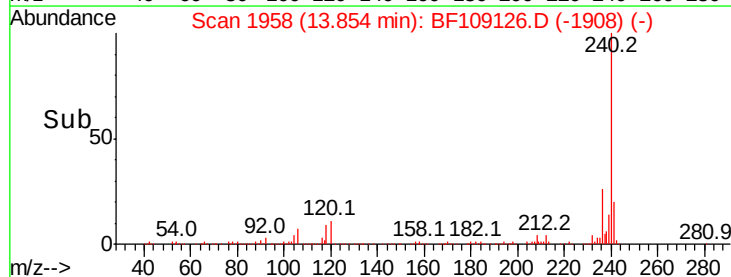
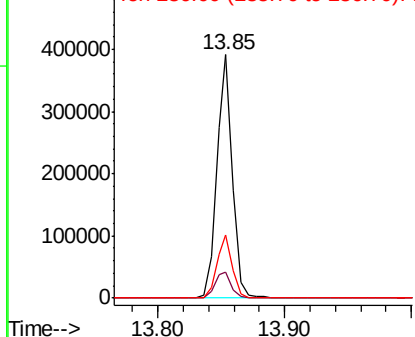


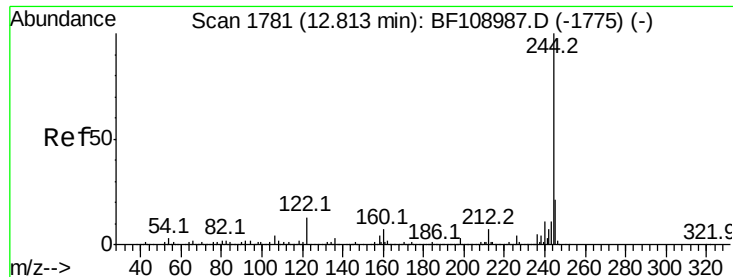
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion:240 Resp: 336187
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.0 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

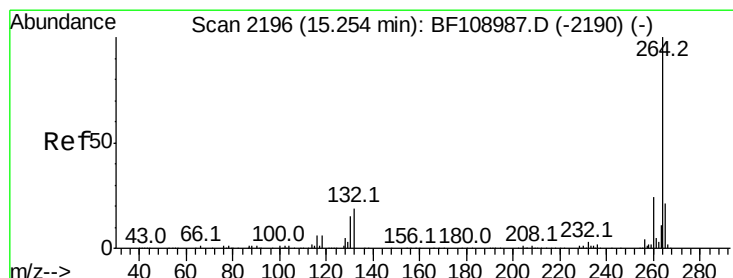
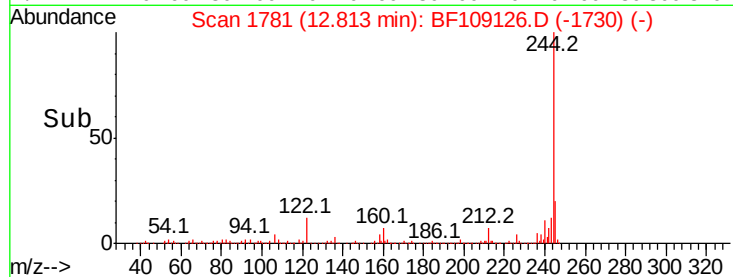
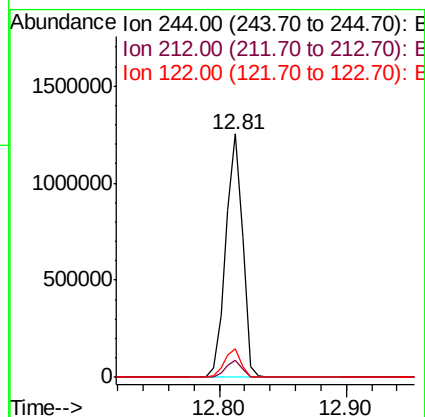
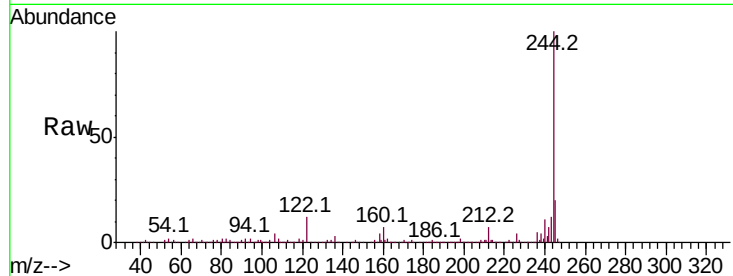




#78
 Terphenyl-d14
 Concen: 81.604 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1157429
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109126.D
 Acq: 19 Sep 2018 5:36

Tgt Ion:264 Resp: 280851
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.3 17.5 26.3

