

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109127.D
 Acq On : 19 Sep 2018 6:03
 Operator : JU/SJ
 Sample : J4931-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 07:47:10 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	127959	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	456319	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192691	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340560	20.00	ng	0.00
75) Chrysene-d12	13.85	240	358961	20.00	ng	0.00
86) Perylene-d12	15.26	264	295198	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	315699	40.98	ng	0.00
7) Phenol-d6	6.35	99	251808	25.35	ng	-0.01
23) Nitrobenzene-d5	7.28	82	746007	91.70	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	170843	81.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1232710	100.23	ng	0.00
78) Terphenyl-d14	12.81	244	1240330	81.90	ng	0.00

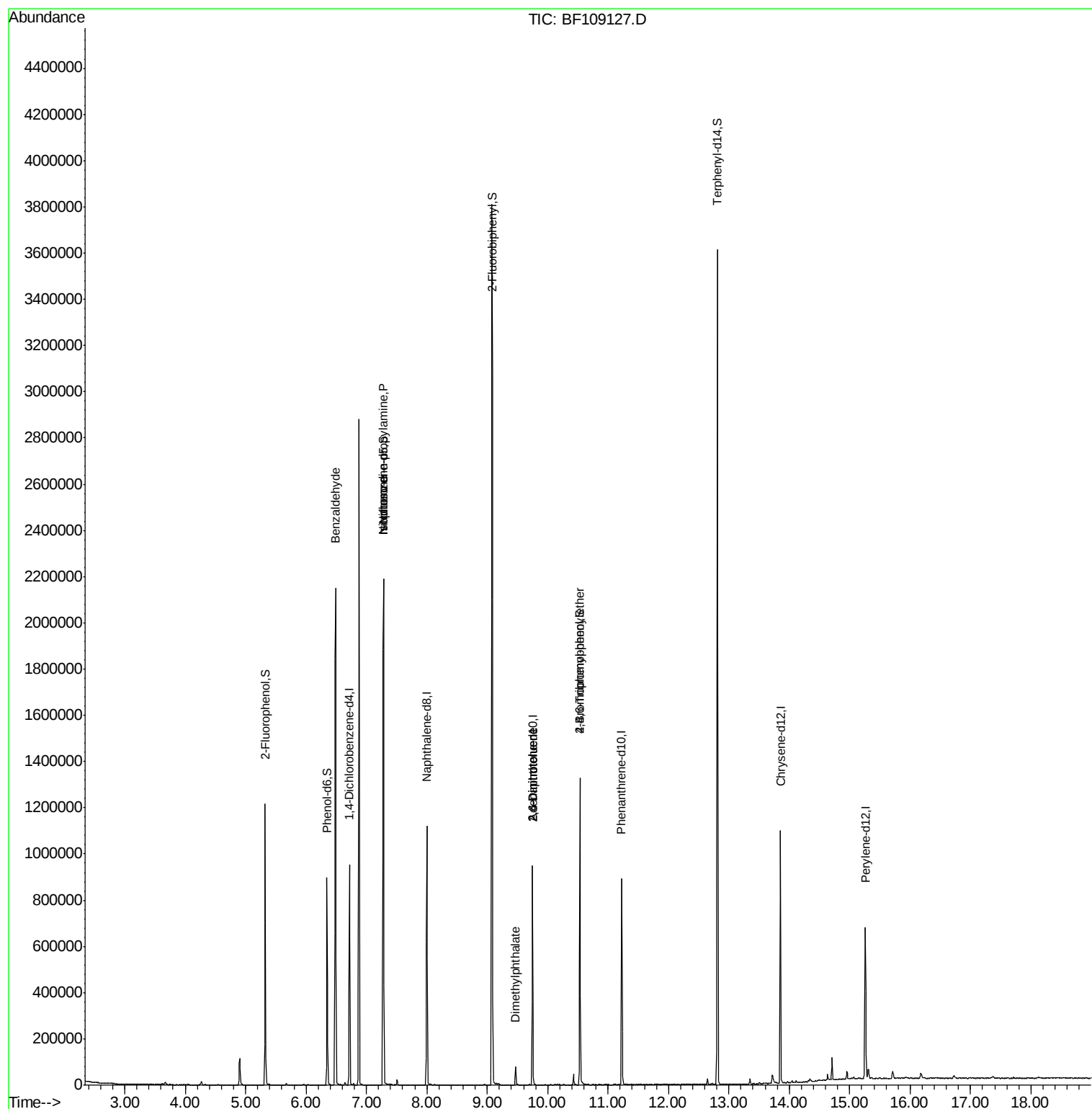
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	12776	2.014	ng	# 76
19) n-Nitroso-di-n-propylamine	7.28	70	100352	15.282	ng	# 76
25) Isophorone	7.28	82	741906	53.050	ng	# 64
49) Dimethylphthalate	9.47	163	34481	2.504	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	24672	8.078	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	24672	6.177	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	10818	2.818	ng	# 1

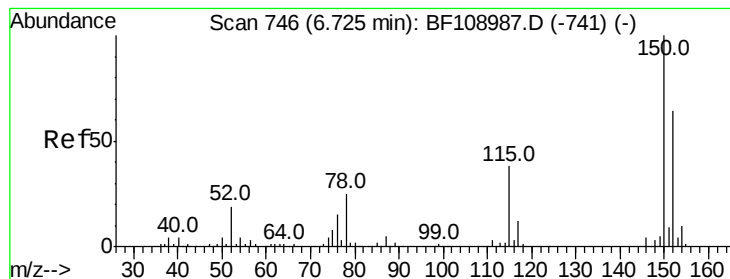
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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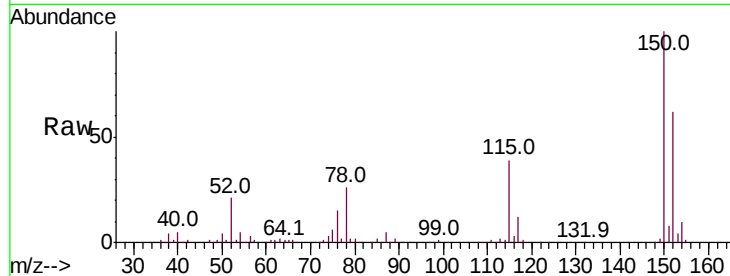


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.7	50.1	75.1

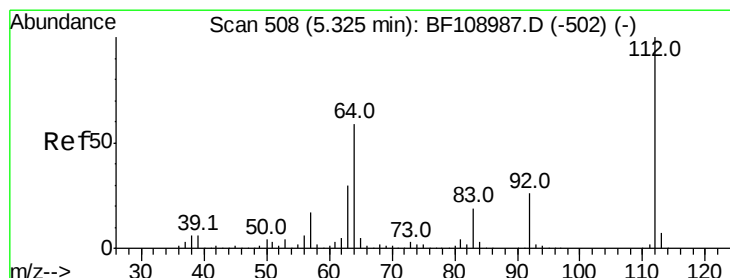
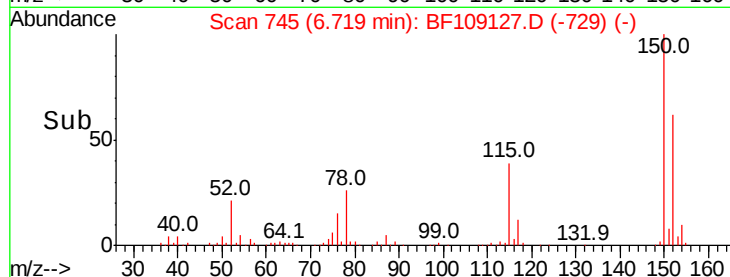
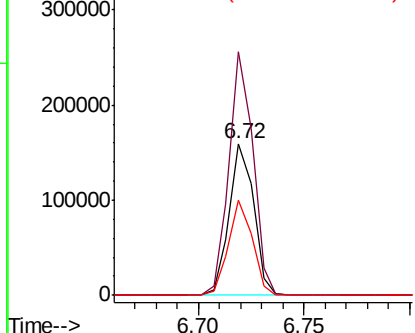


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

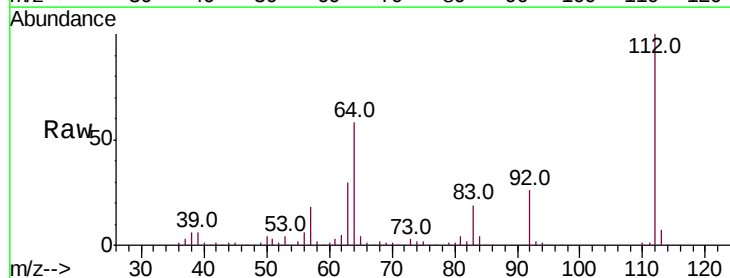
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.977 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.9	23.7	35.5

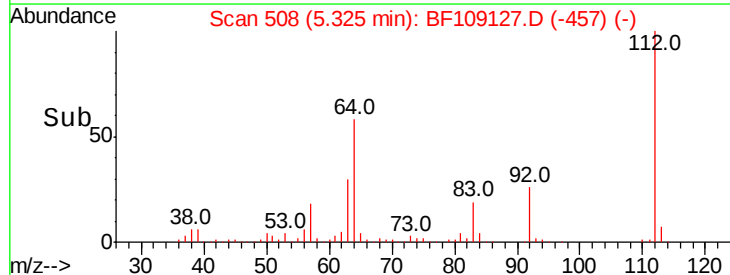
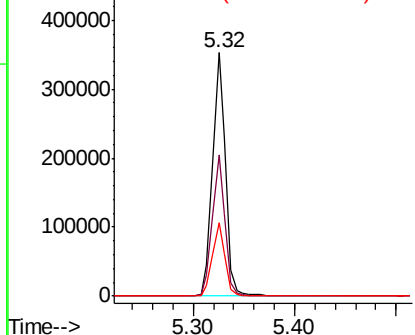


Abundance

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: 25.347 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

BNA_F

ClientSampleId :

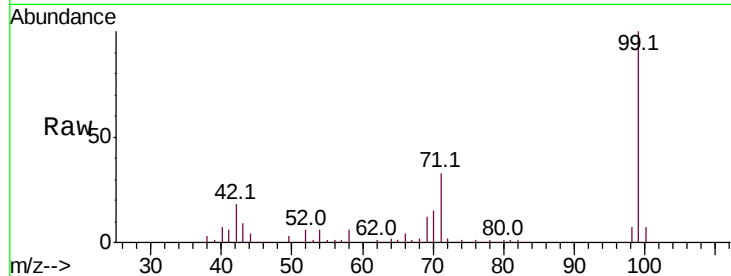
Tot Ion: 99 Resp: 251808

Ion Ratio Lower Upper

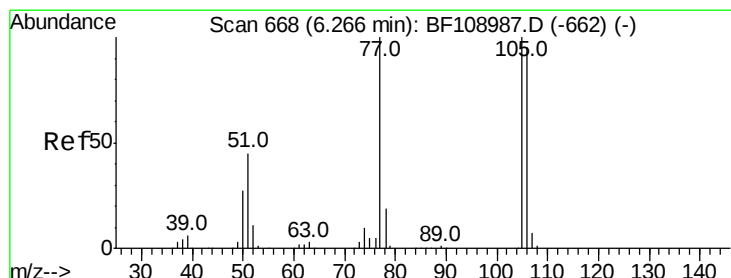
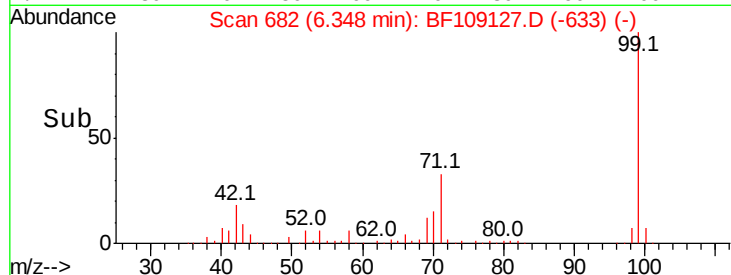
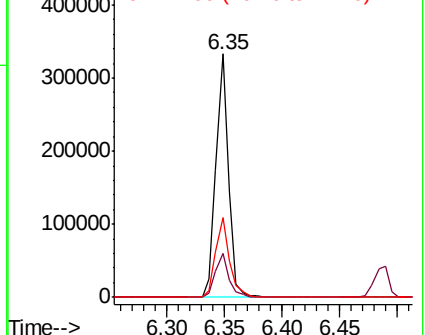
99 100

42 18.0 14.5 21.7

71 32.8 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: 2.014 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

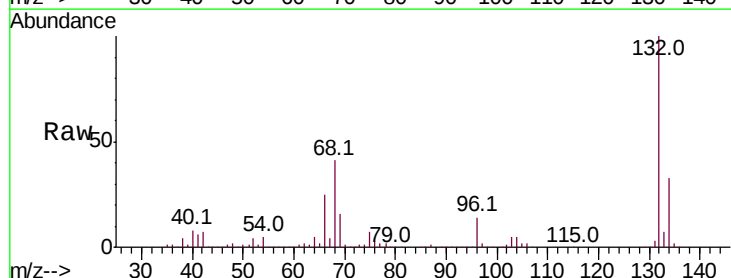
Tgt Ion: 77 Resp: 12776

Ion Ratio Lower Upper

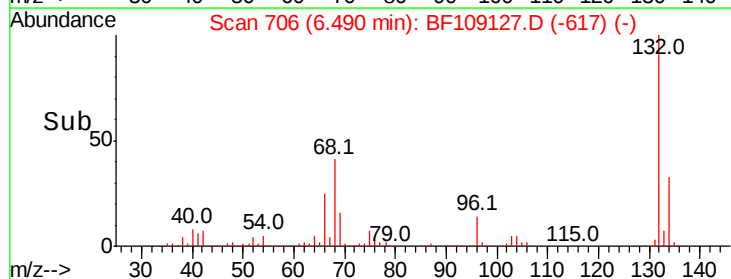
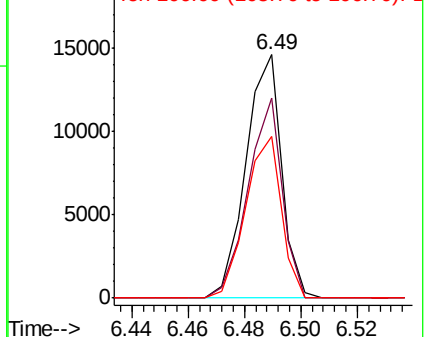
77 100

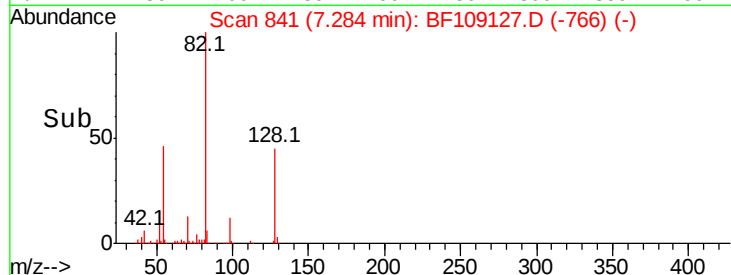
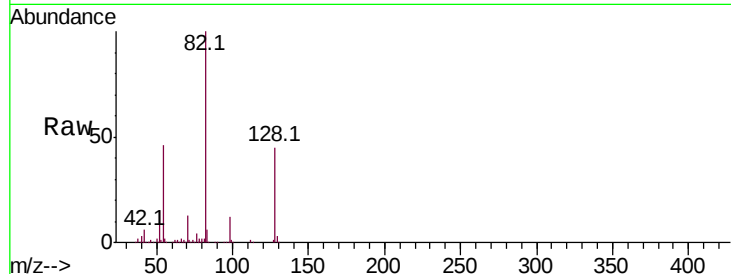
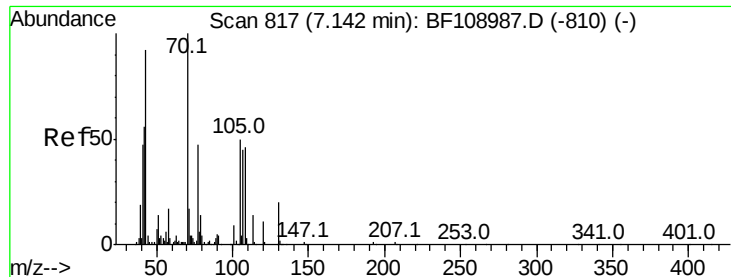
105 82.2 81.1 121.1

106 66.5 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

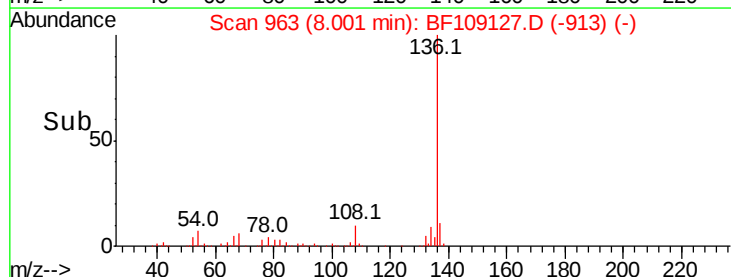
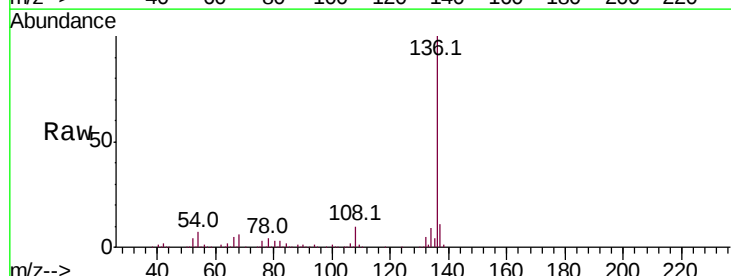
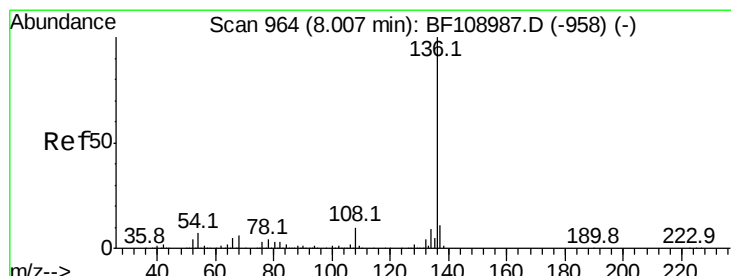
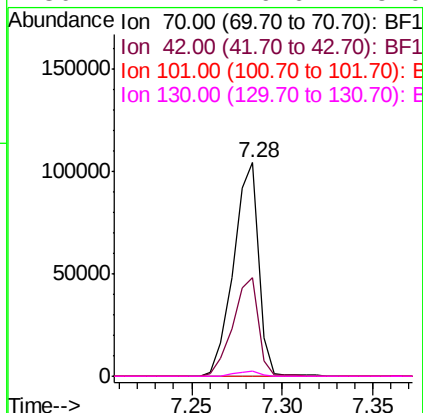




#19
n-Nitroso-di-n-propylamine
Concen: 15.282 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

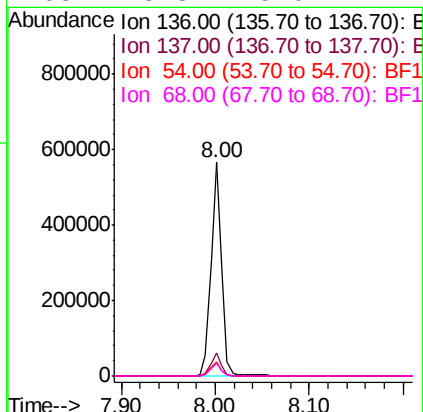
Instrument :
BNA_F
ClientSampleId :

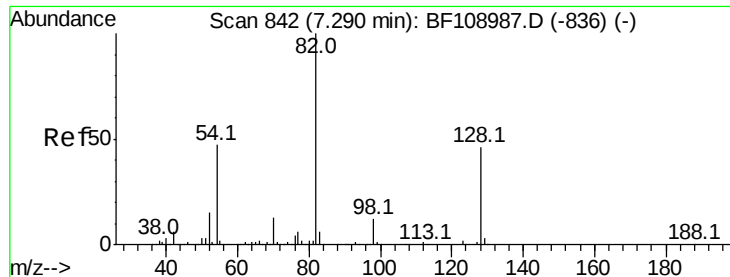
Tot Ion:	70	Resp:	100352
Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:	136	Resp:	456319
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4

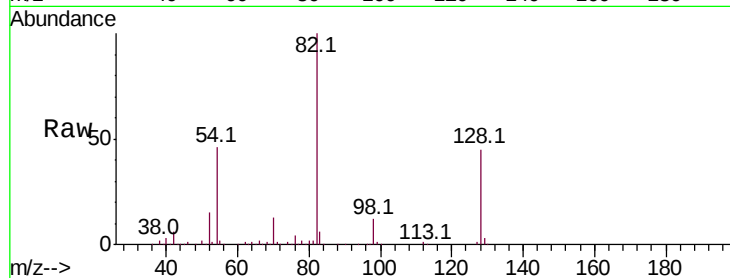




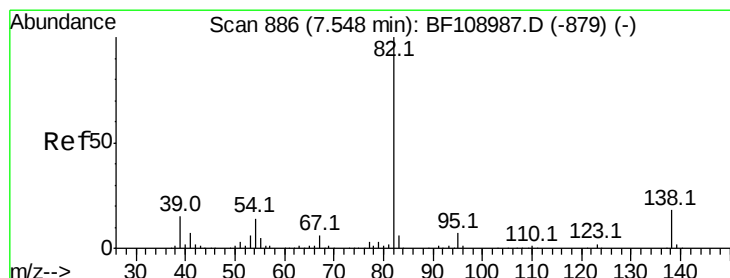
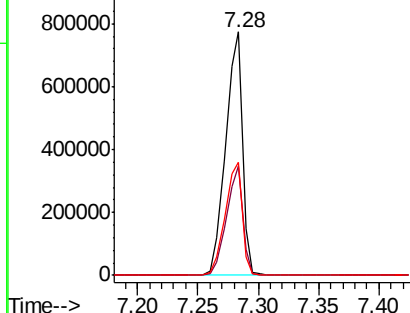
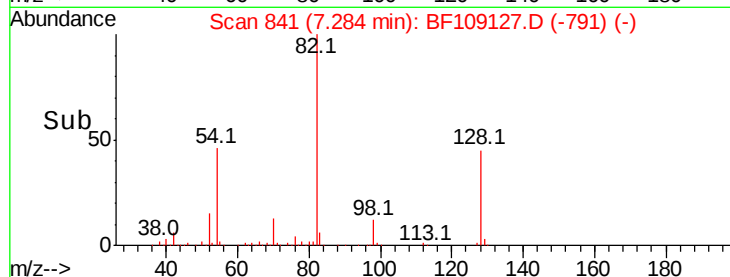
#23
 Nitrobenzene-d5
 Concen: 91.695 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109127.D
 Acq: 19 Sep 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	746007
Ion Ratio	100	Lower	Upper
128	45.1	36.1	54.1
54	46.4	41.4	62.2

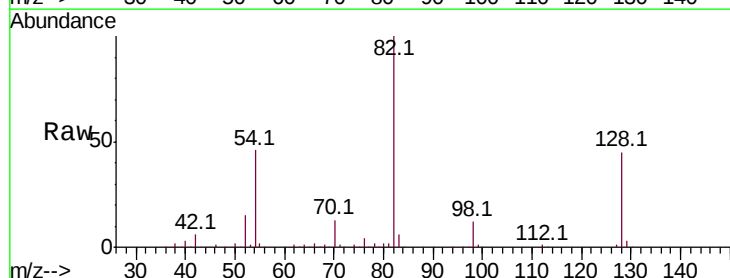


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

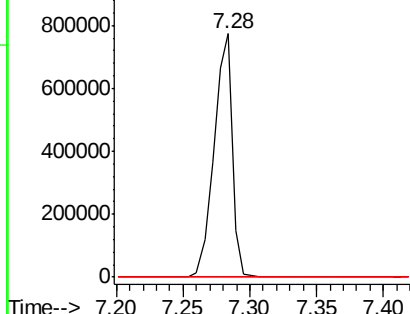
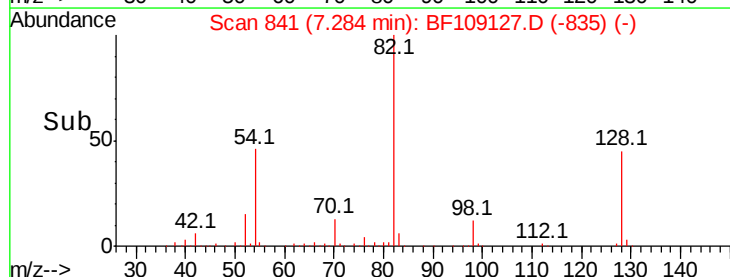


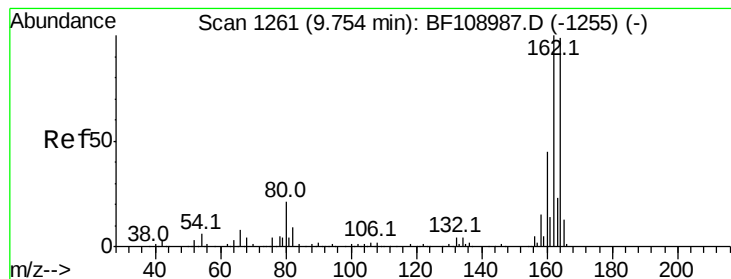
#25
 Isophorone
 Concen: 53.050 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109127.D
 Acq: 19 Sep 2018 6:03

Tgt Ion	82	Resp	741906
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: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

BNA_F

ClientSampled :

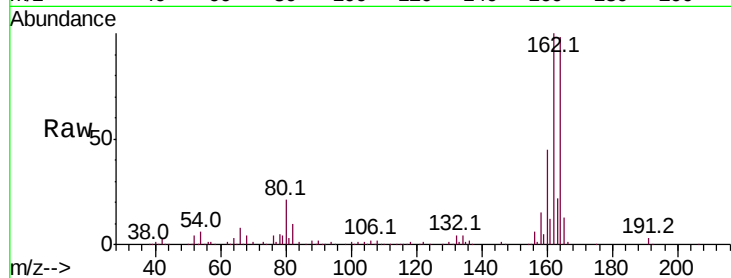
Tot Ion:164 Resp: 192691

Ion Ratio Lower Upper

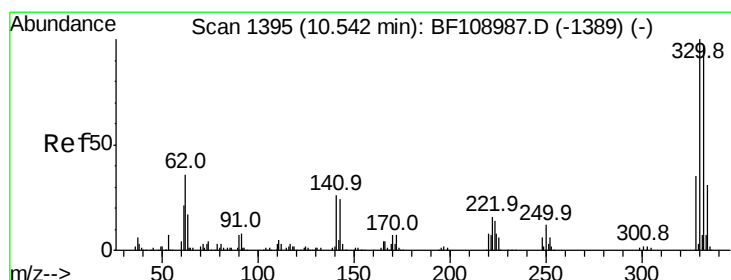
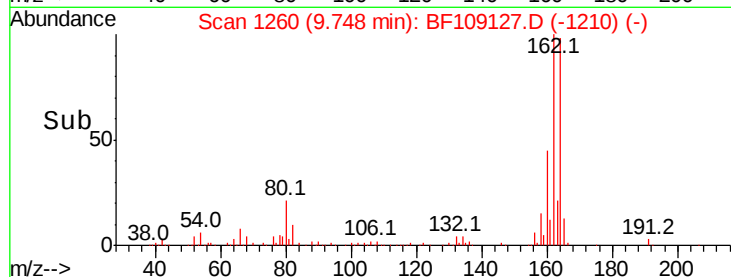
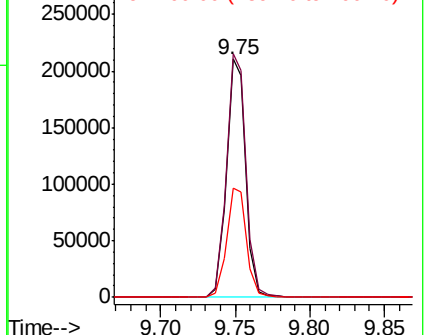
164 100

162 102.2 86.1 129.1

160 46.0 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: 81.696 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

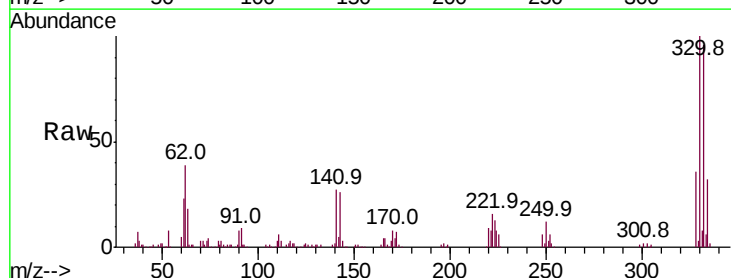
Tgt Ion:330 Resp: 170843

Ion Ratio Lower Upper

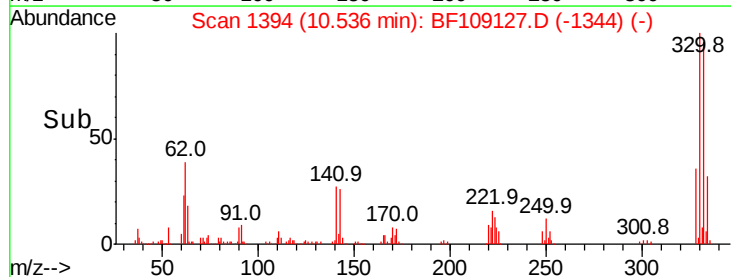
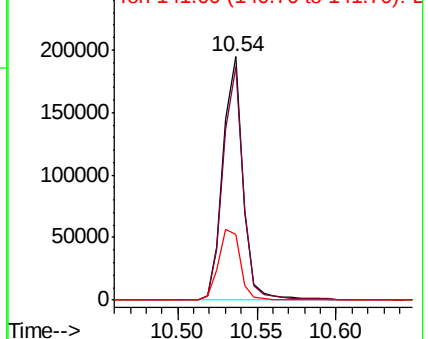
330 100

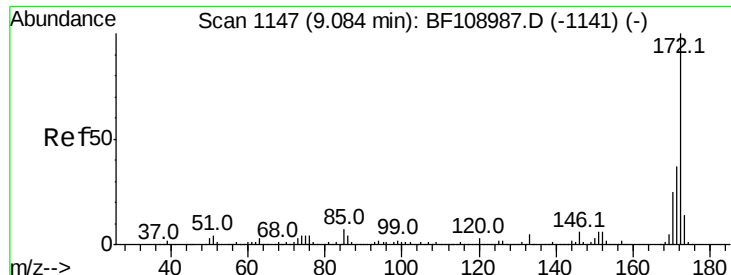
332 96.8 77.0 115.6

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

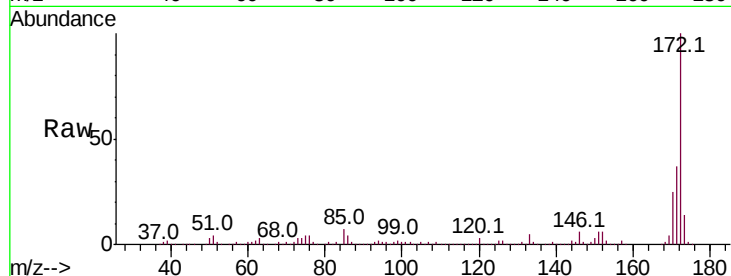




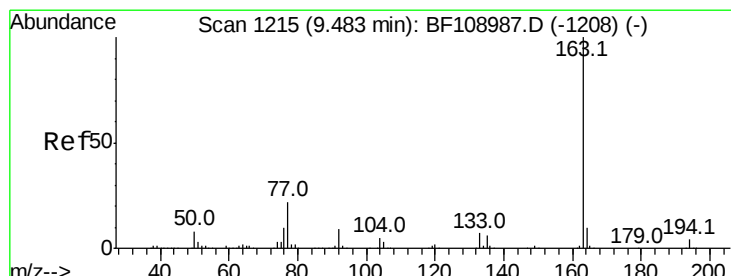
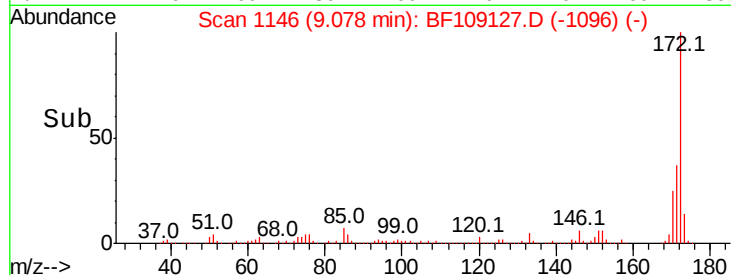
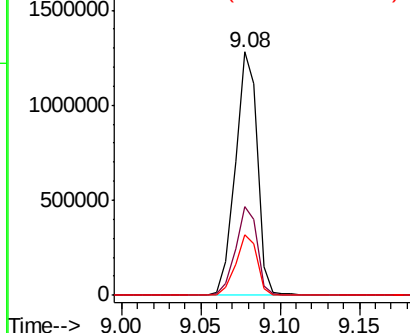
#44
2-Fluorobiphenyl
Concen: 100.229 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1232710
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.6 29.4

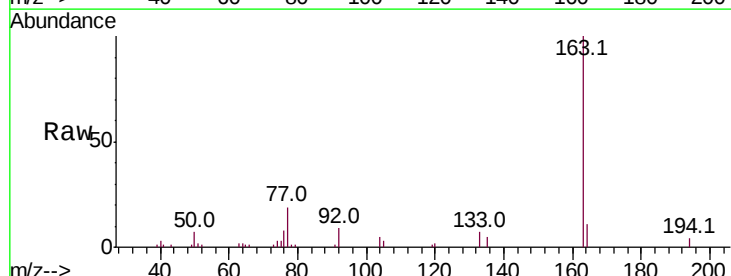


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

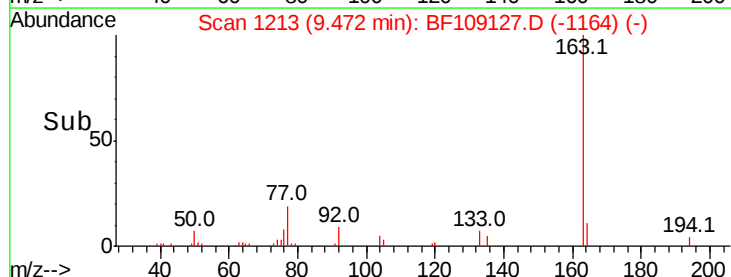
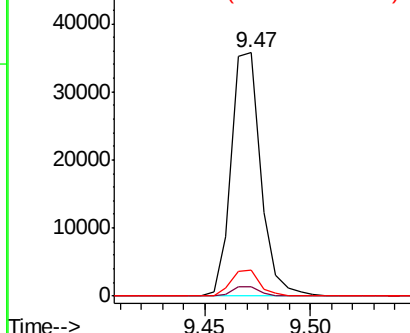


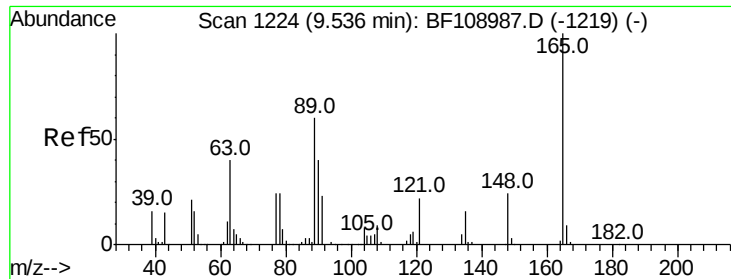
#49
Dimethylphthalate
Concen: 2.504 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:163 Resp: 34481
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 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

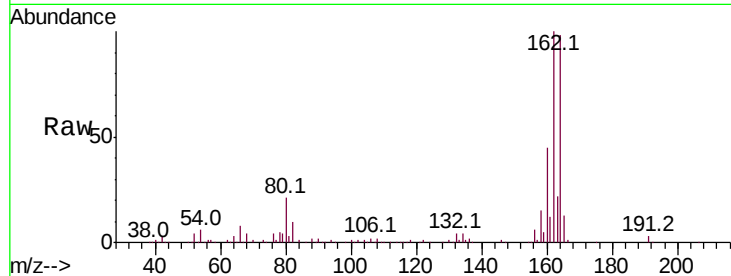




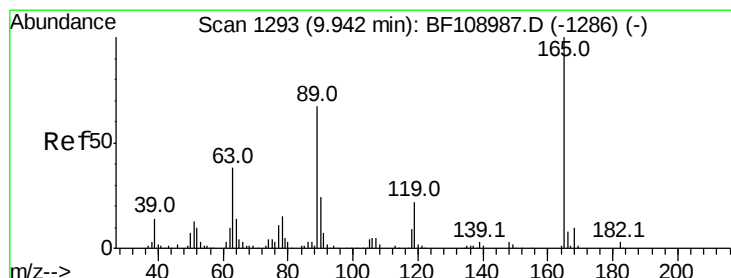
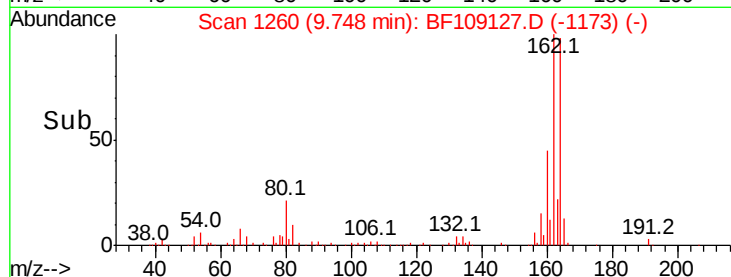
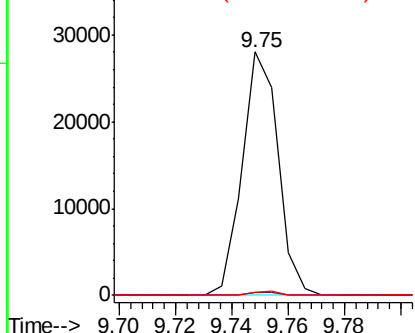
#50
 2,6-Dinitrotoluene
 Concen: 8.078 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109127.D
 Acq: 19 Sep 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#

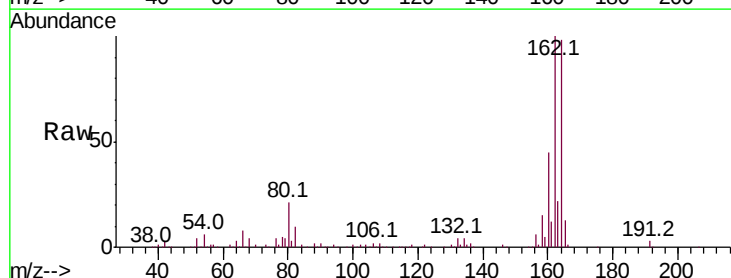


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

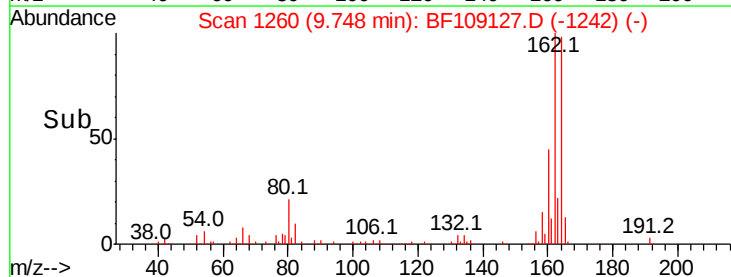
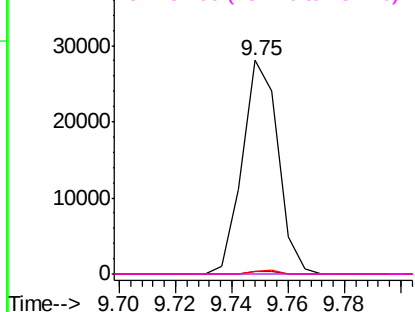


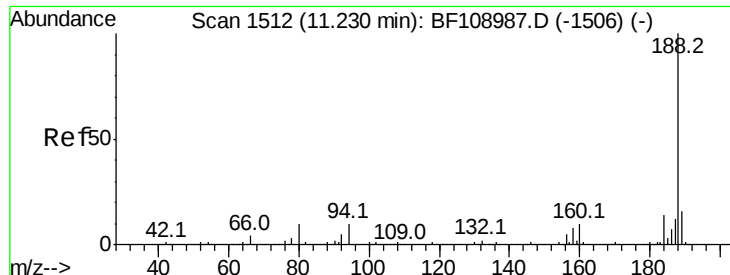
#56
 2,4-Dinitrotoluene
 Concen: 6.177 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109127.D
 Acq: 19 Sep 2018 6:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	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

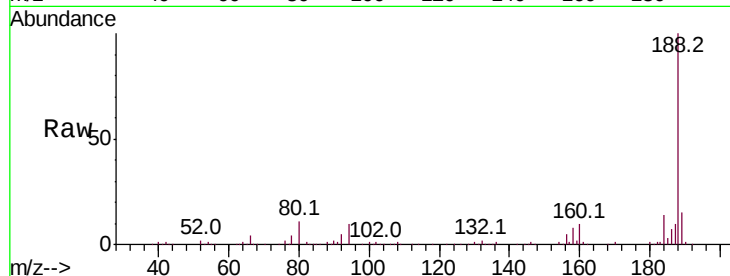




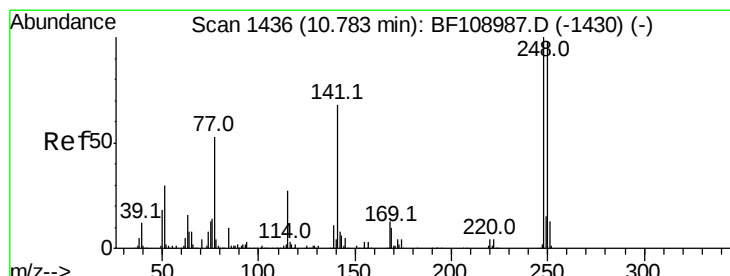
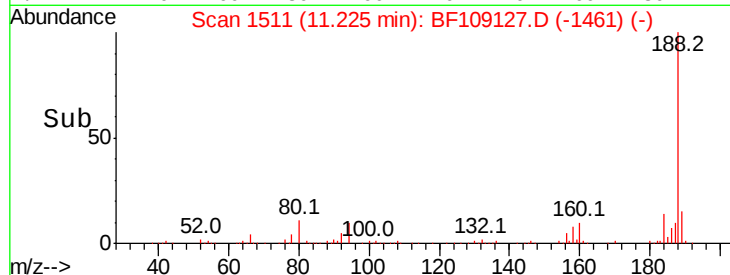
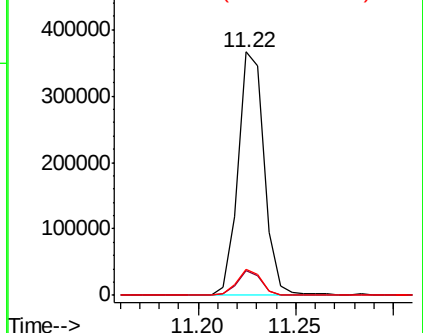
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 340560
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8

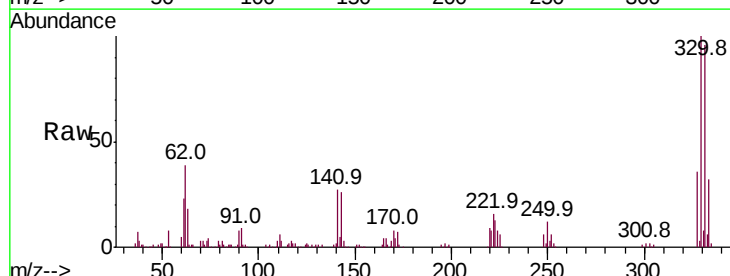


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

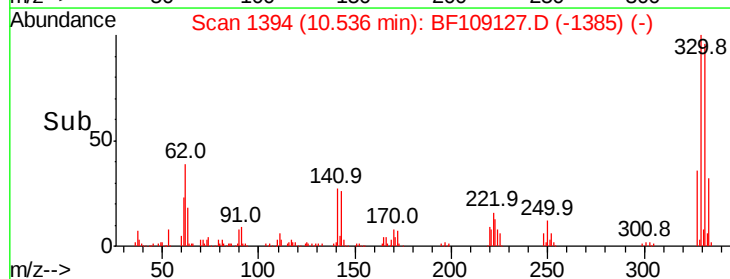
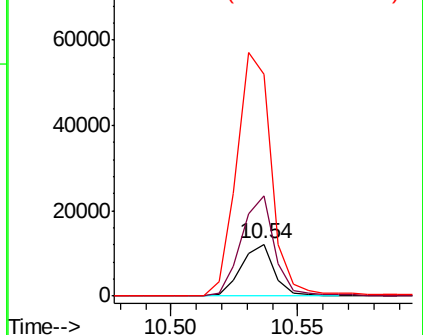


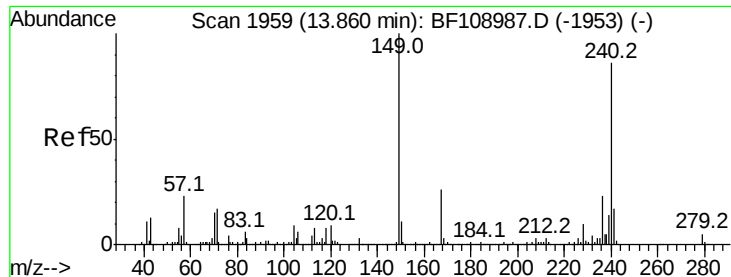
#66
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:248 Resp: 10818
Ion Ratio Lower Upper
248 100
250 195.0 76.9 115.3#
141 429.5 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: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

BNA_F

ClientSampleId :

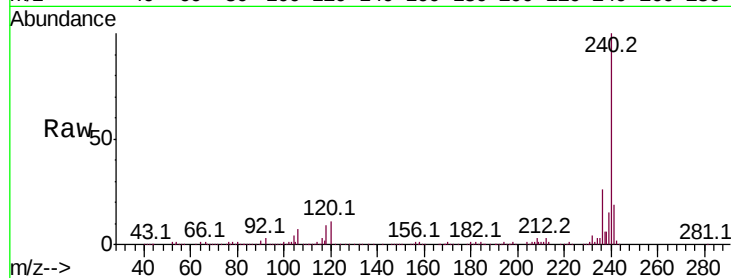
Tot Ion:240 Resp: 358961

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

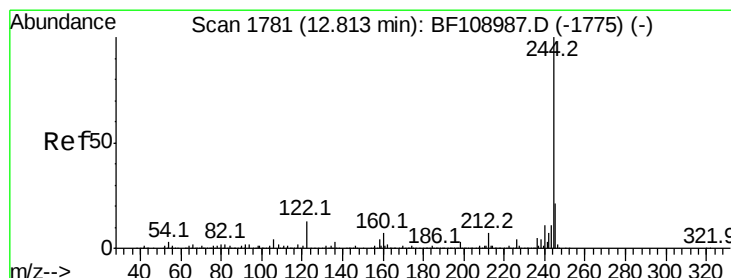
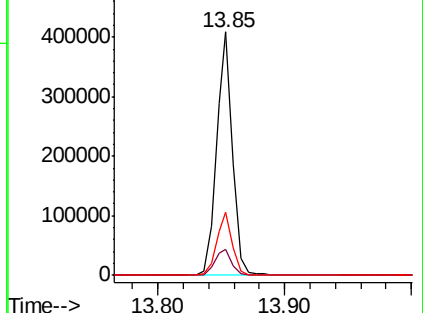
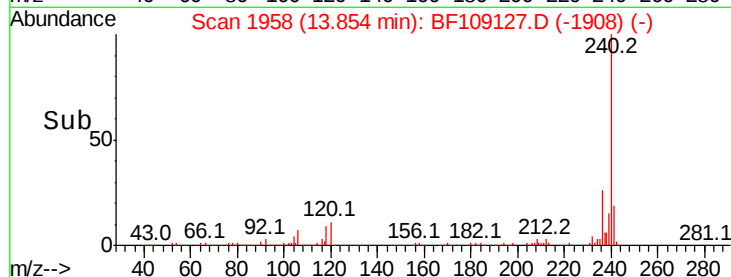
236 25.7 20.7 31.1



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: 81.901 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

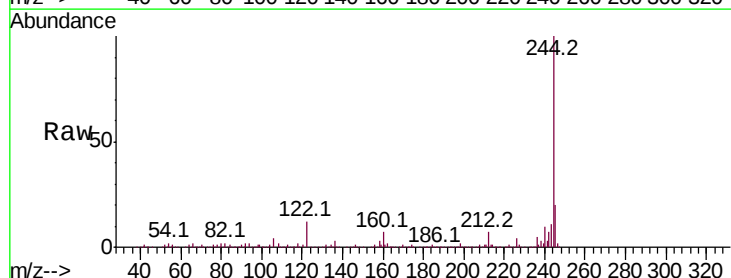
Tgt Ion:244 Resp: 1240330

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

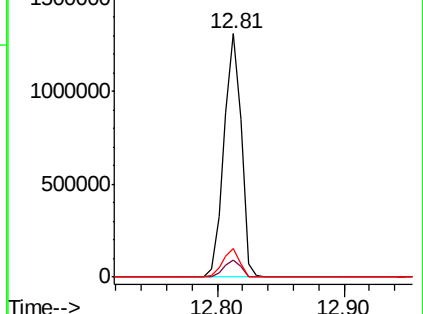
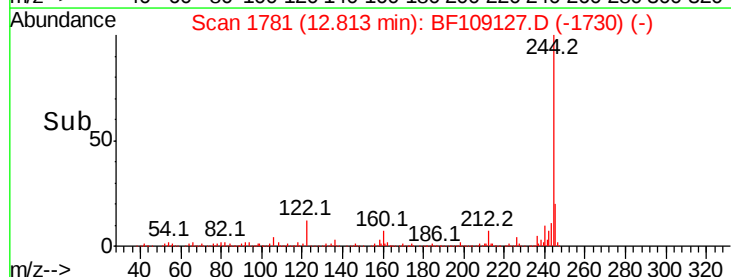
122 11.8 11.0 16.4

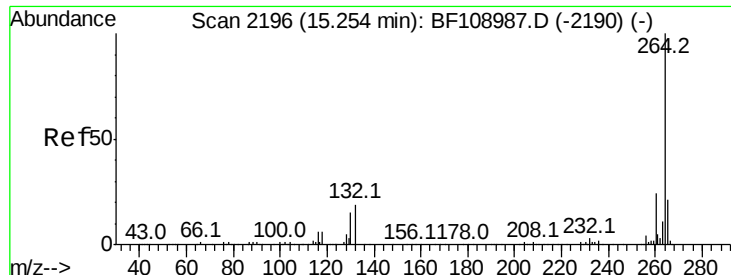


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

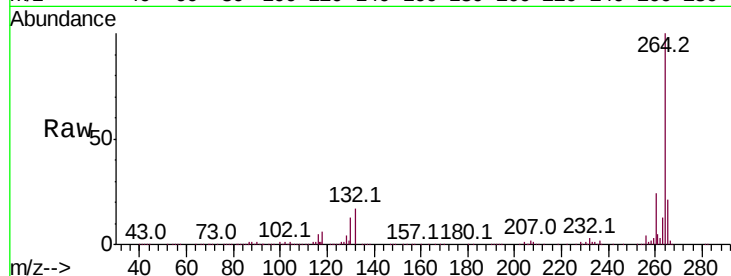




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	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

