

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098951.D
 Acq On : 29 Sep 2017 16:41
 Operator : SJ/JU
 Sample : I5450-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 17:33:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

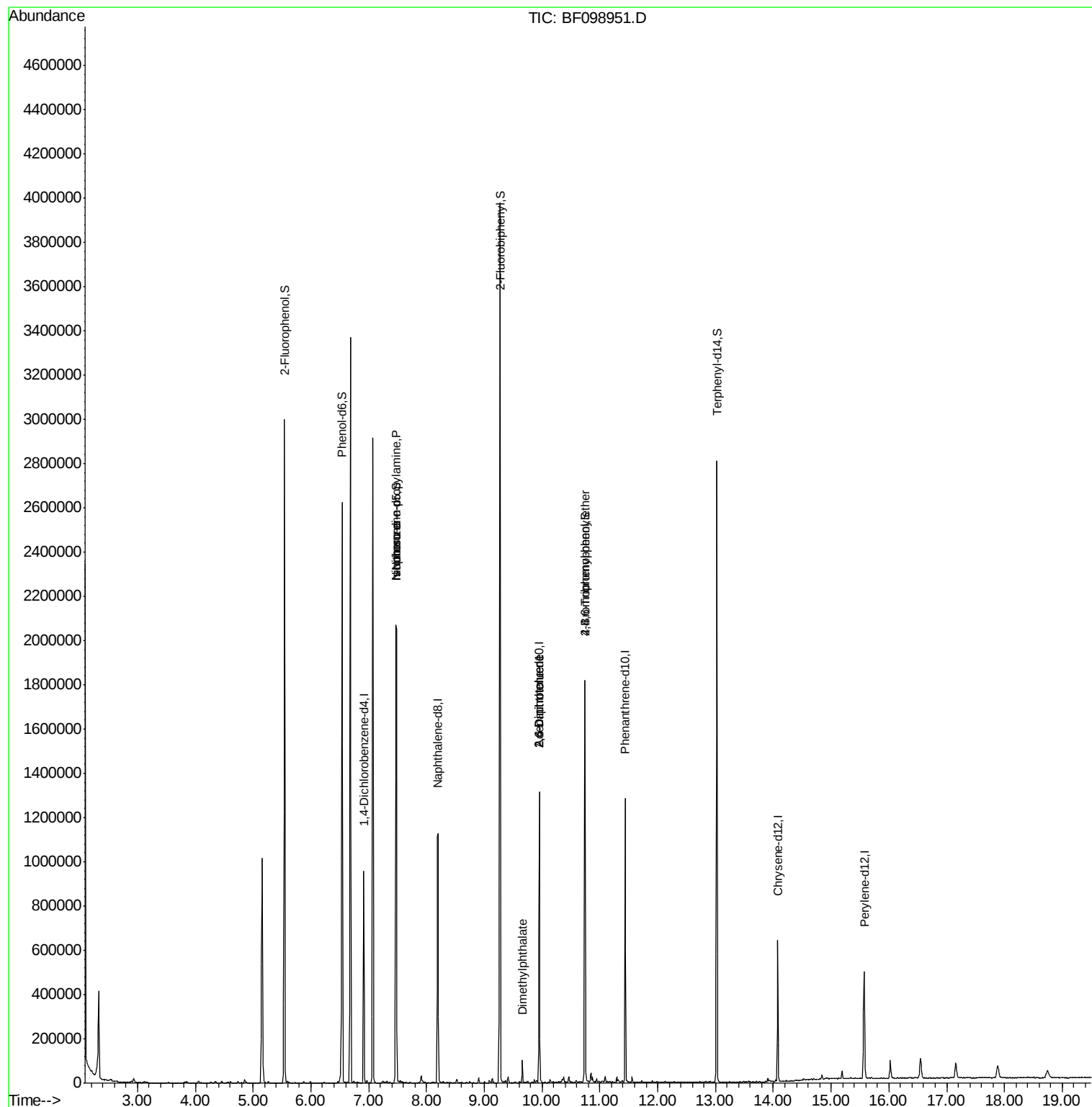
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	131839	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	556352	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	247844	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	404071	20.00	ng	0.00
75) Chrysene-d12	14.08	240	213531	20.00	ng	0.00
86) Perylene-d12	15.57	264	207576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	874322	105.57	ng	0.00
7) Phenol-d6	6.54	99	957878	93.76	ng	0.00
23) Nitrobenzene-d5	7.47	82	819729	94.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	220876	108.91	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1428788	96.24	ng	0.00
78) Terphenyl-d14	13.03	244	965990	102.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	108212	16.590	ng	# 76
25) Isophorone	7.47	82	813996	45.382	ng	# 64
49) Dimethylphthalate	9.66	163	41119	2.198	ng	# 98
50) 2,6-Dinitrotoluene	9.95	165	31398	7.710	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	31398	5.941	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	14936	3.776	ng	# 1

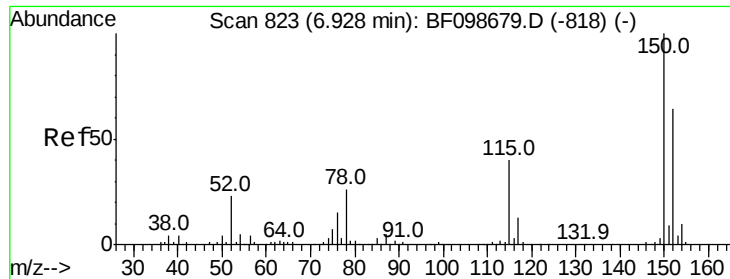
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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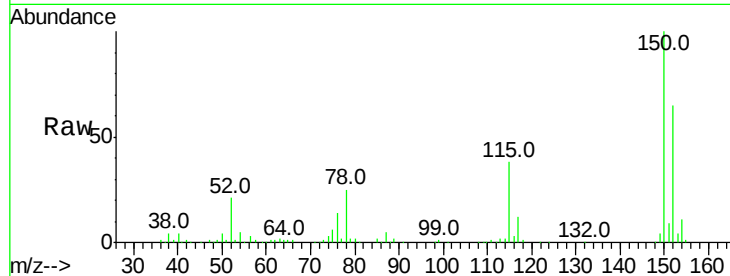


#1

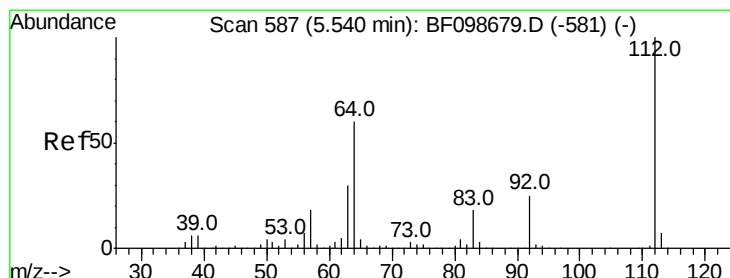
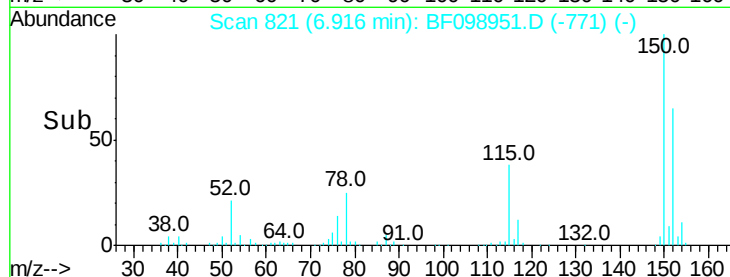
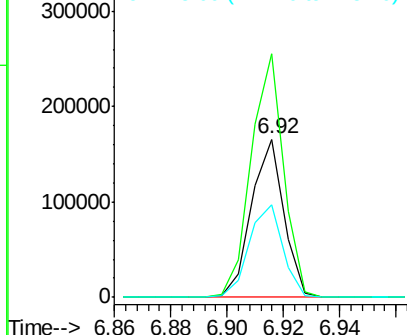
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131839
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 58.7 50.1 75.1



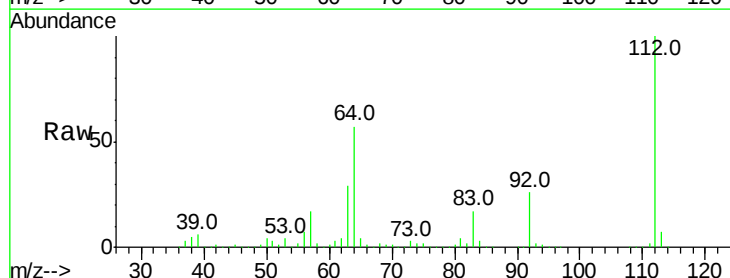
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



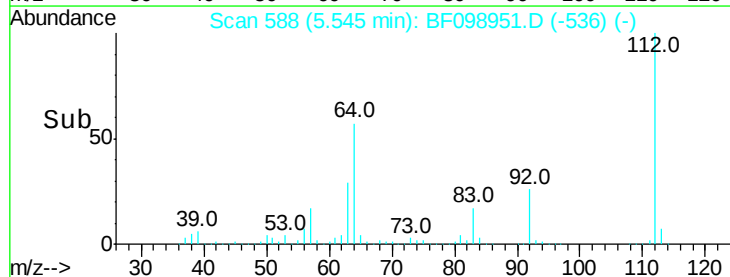
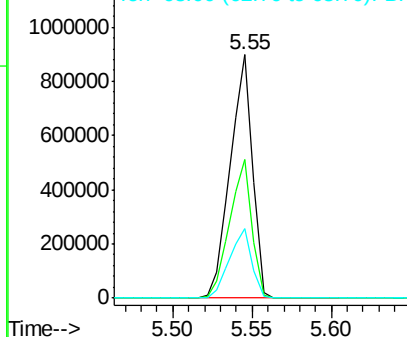
#5

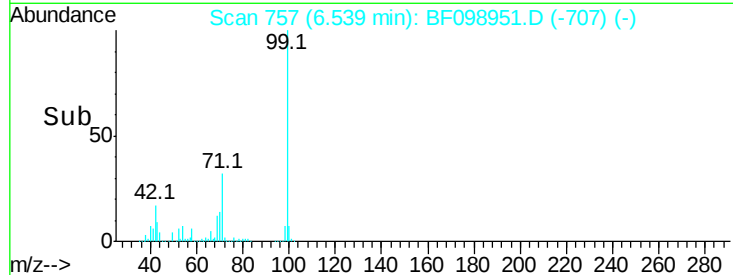
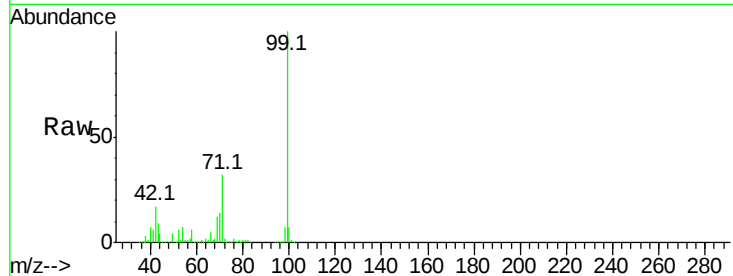
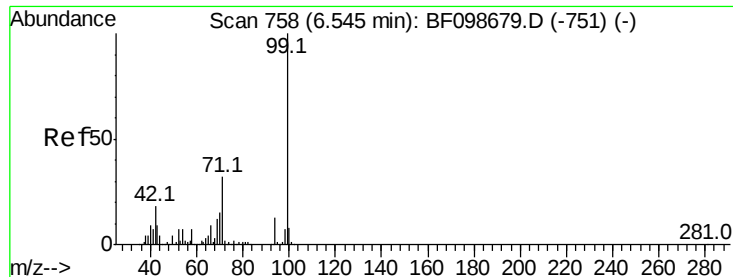
2-Fluorophenol
Concen: 105.571 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:112 Resp: 874322
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.757 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098951.D

Acq: 29 Sep 2017 16:41

Instrument :

BNA_F

ClientSampleId :

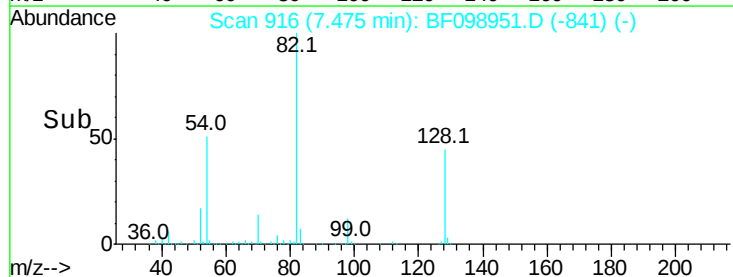
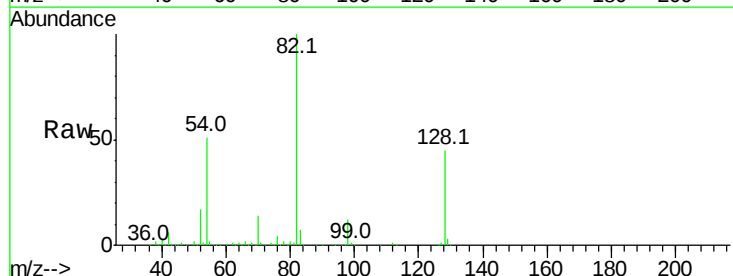
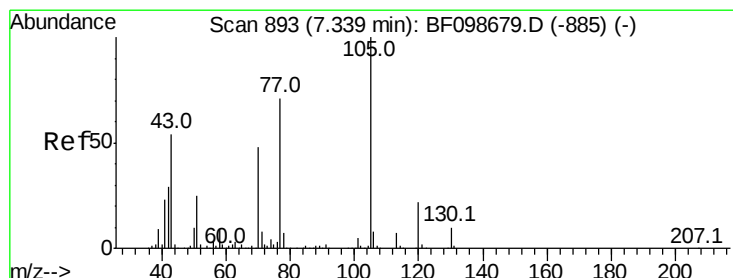
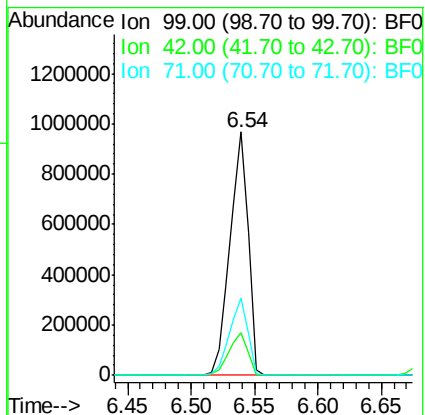
Tot Ion: 99 Resp: 957878

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.590 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098951.D

Acq: 29 Sep 2017 16:41

Tgt Ion: 70 Resp: 108212

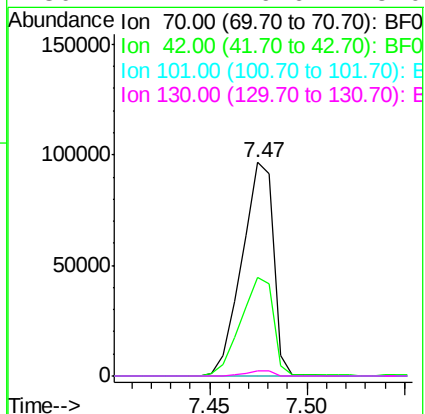
Ion Ratio Lower Upper

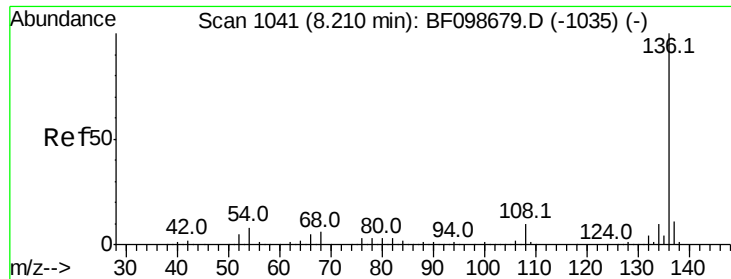
70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

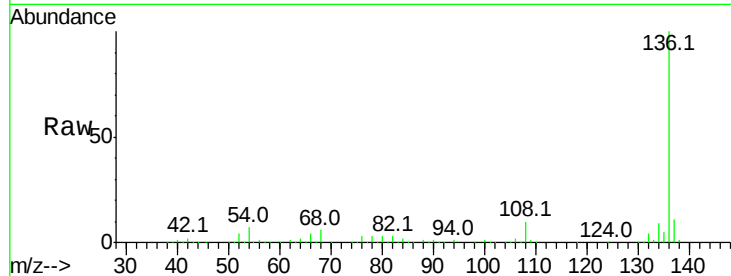




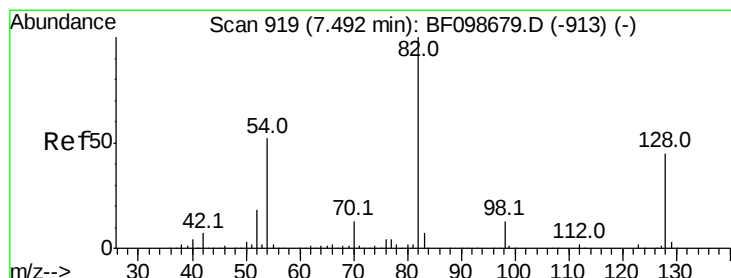
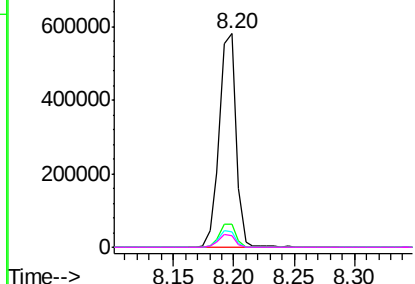
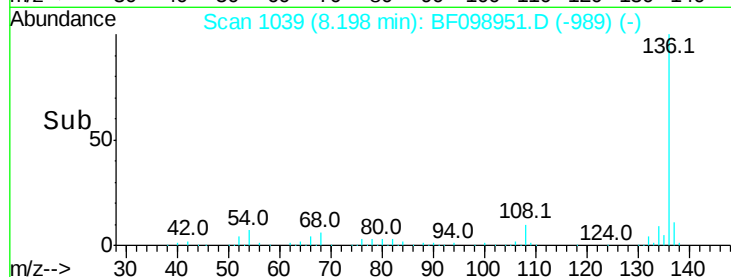
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	556352
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.1	6.6 9.8
68	5.7	5.0 7.4

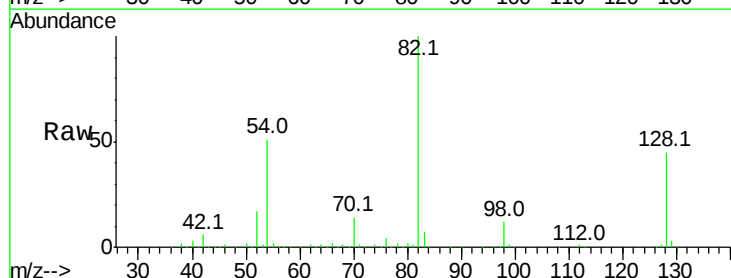


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

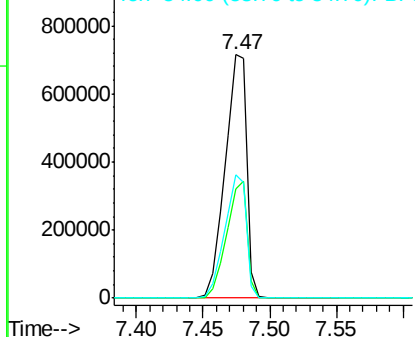
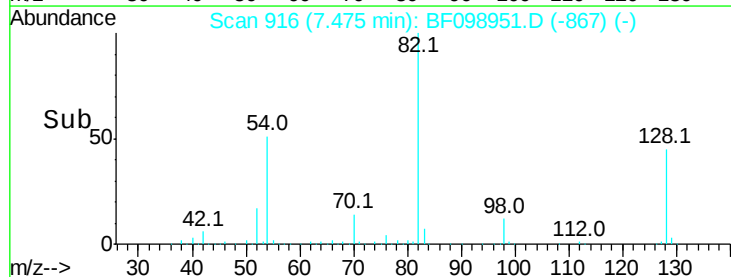


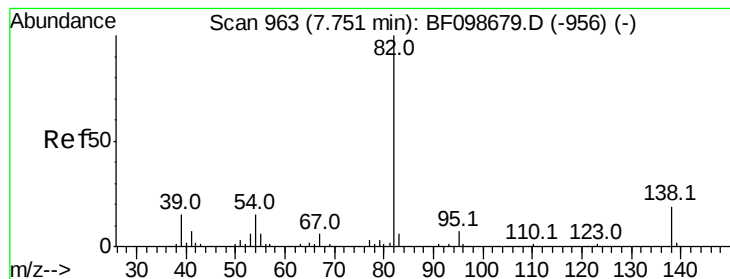
#23
Nitrobenzene-d5
Concen: 94.489 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion: 82	Resp:	819729
Ion	Ratio	Lower Upper
82	100	
128	44.9	36.1 54.1
54	50.8	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.382 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098951.D

Acq: 29 Sep 2017 16:41

Instrument :

BNA_F

ClientSampleId :

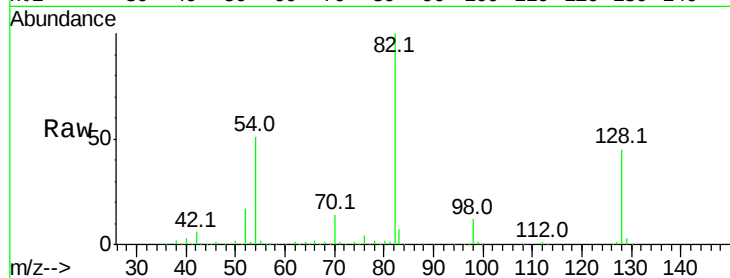
Tot Ion: 82 Resp: 813996

Ion Ratio Lower Upper

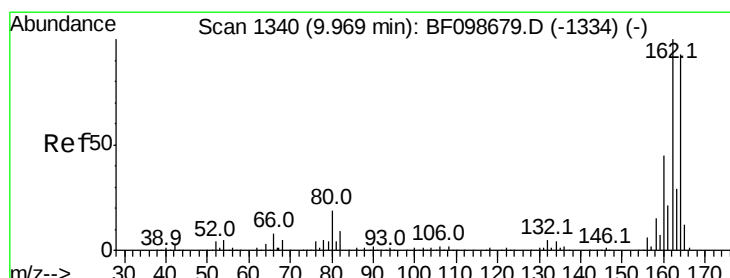
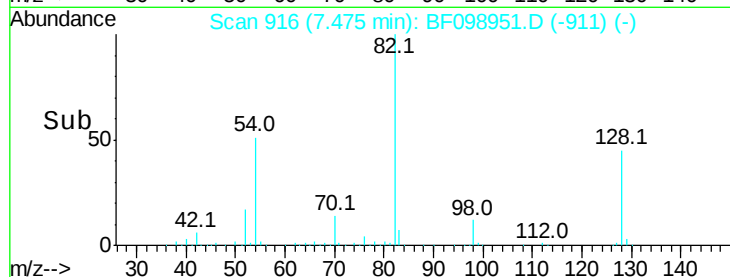
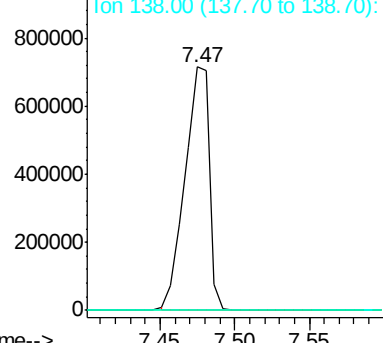
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098951.D

Acq: 29 Sep 2017 16:41

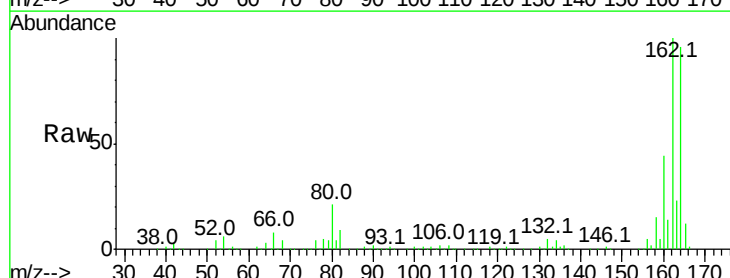
Tgt Ion:164 Resp: 247844

Ion Ratio Lower Upper

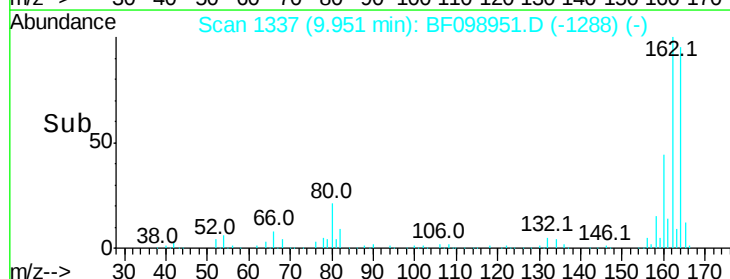
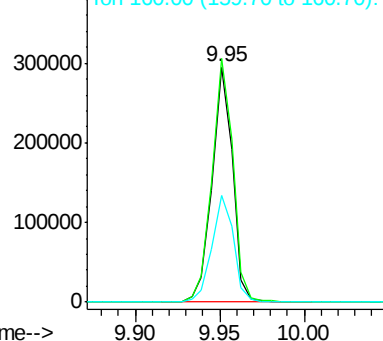
164 100

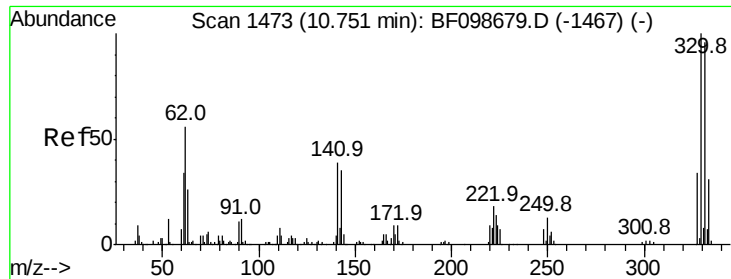
162 103.7 86.1 129.1

160 45.3 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

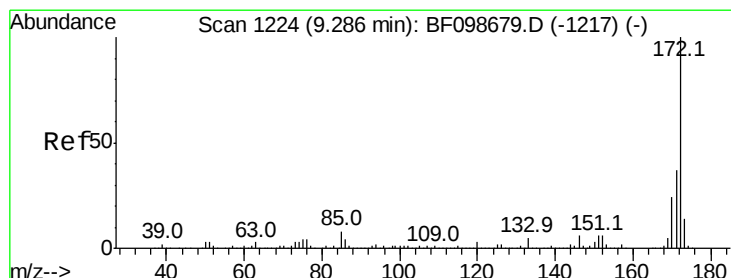
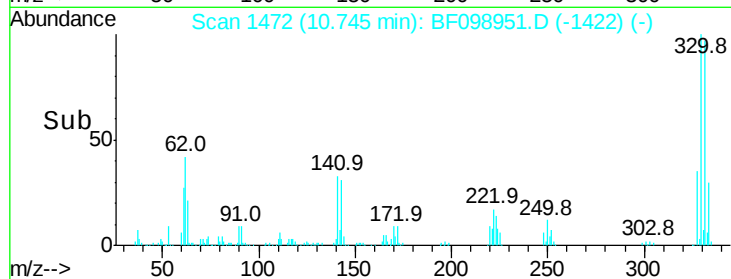
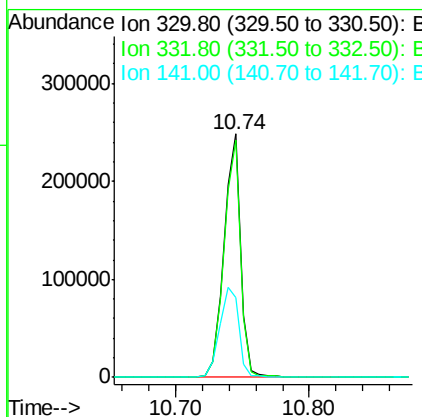
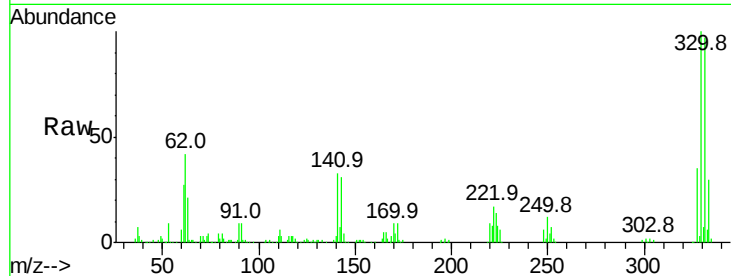




#41
 2,4,6-Tribromophenol
 Concen: 108.911 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098951.D
 Acq: 29 Sep 2017 16:41

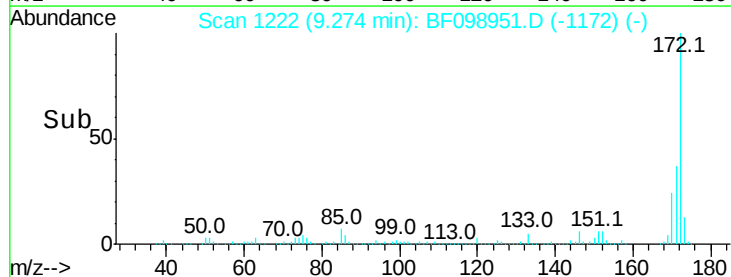
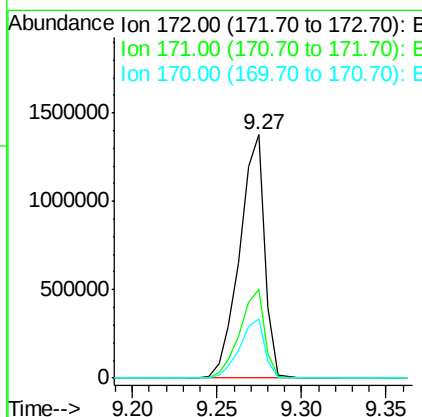
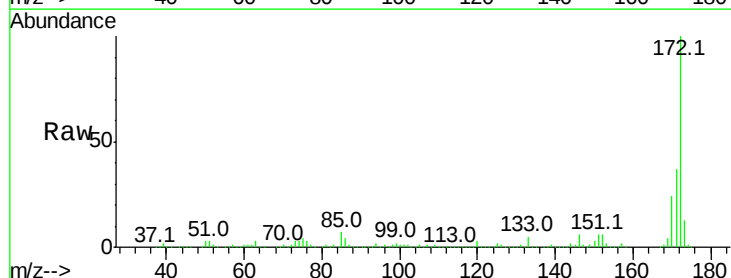
Instrument :
 BNA_F
 ClientSampleId :

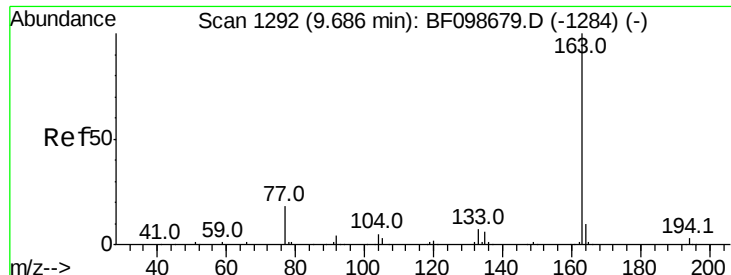
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	42.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.240 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098951.D
 Acq: 29 Sep 2017 16:41

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





#49

Dimethylphthalate

Concen: 2.198 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098951.D

Acq: 29 Sep 2017 16:41

Instrument :

BNA_F

ClientSampleId :

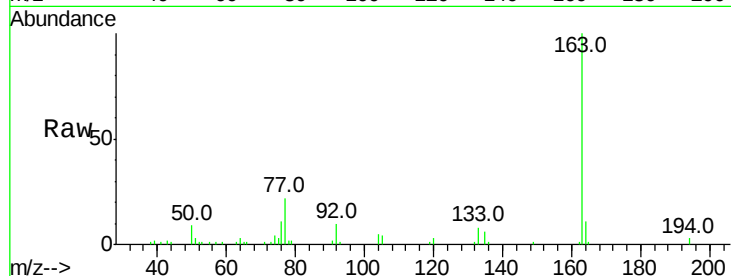
Tot Ion:163 Resp: 41119

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

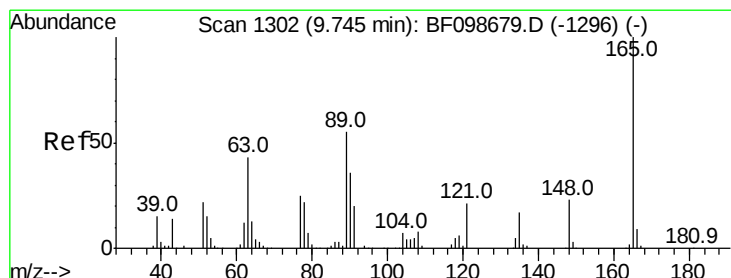
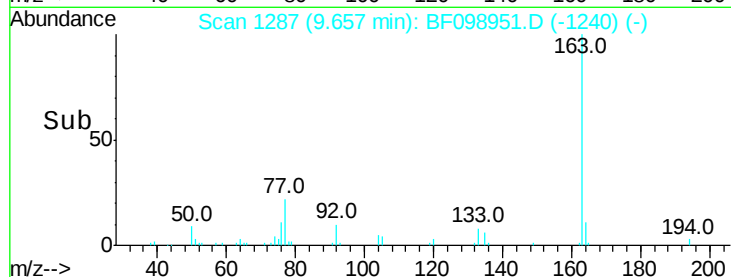
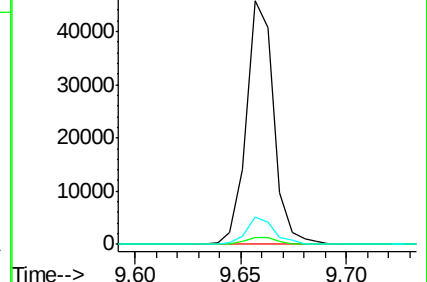
164 11.1 8.2 12.2



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: 7.710 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098951.D

Acq: 29 Sep 2017 16:41

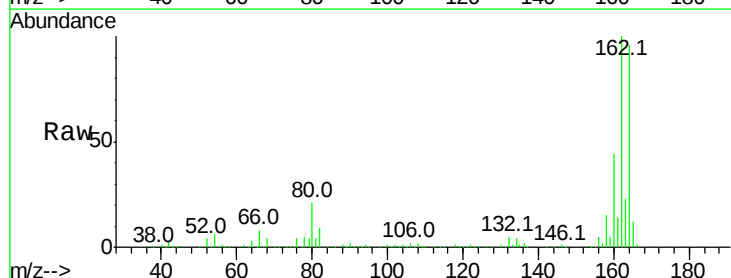
Tgt Ion:165 Resp: 31398

Ion Ratio Lower Upper

165 100

63 1.0 44.7 67.1#

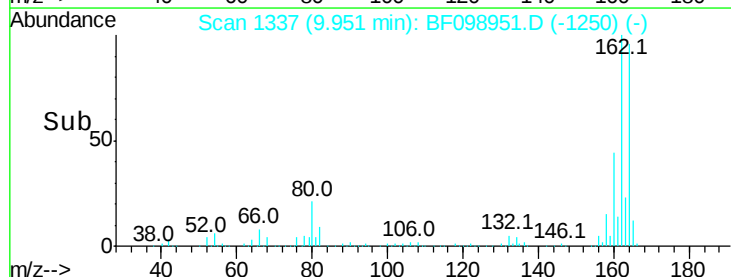
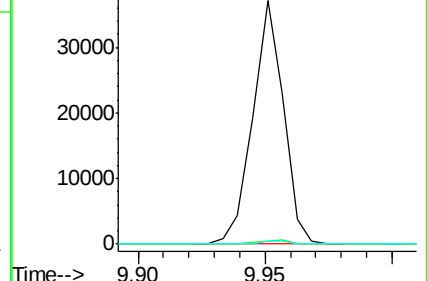
89 1.4 44.0 66.0#

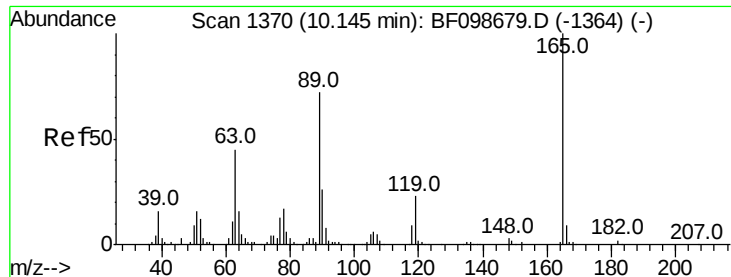


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

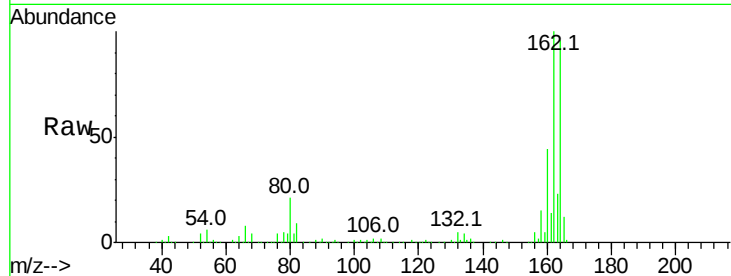




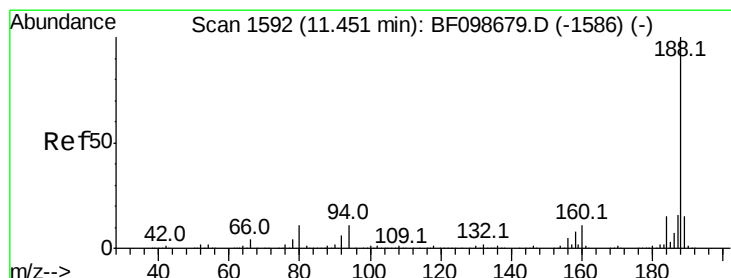
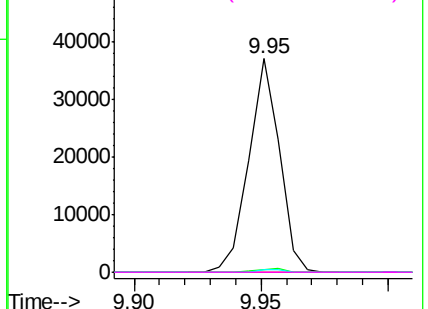
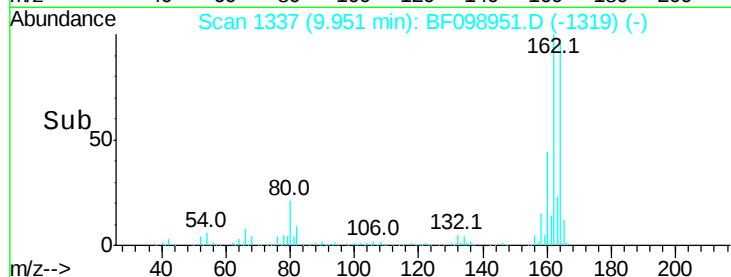
#56
 2,4-Dinitrotoluene
 Concen: 5.941 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098951.D
 Acq: 29 Sep 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31398
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

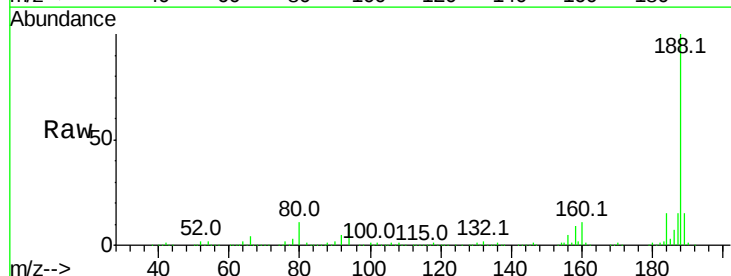


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

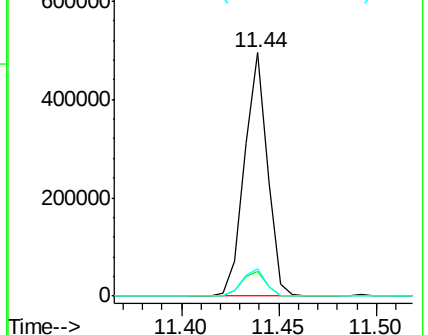
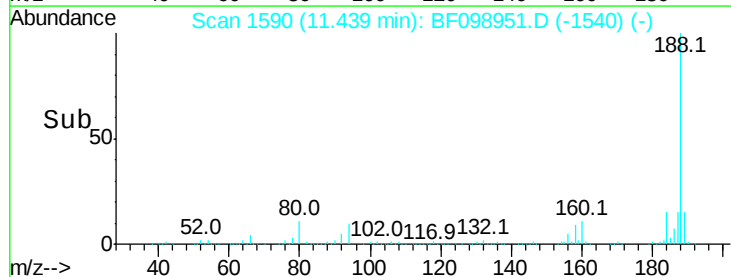


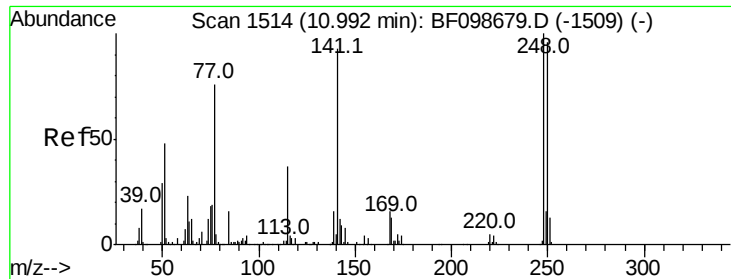
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098951.D
 Acq: 29 Sep 2017 16:41

Tgt Ion:188 Resp: 404071
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

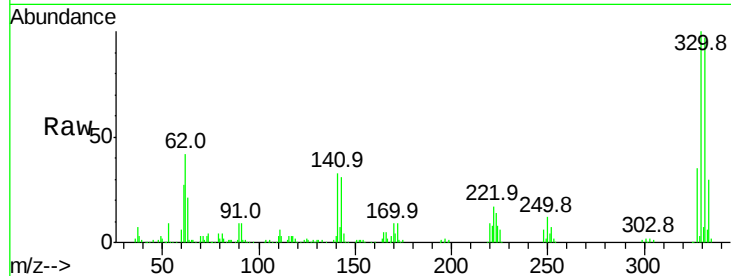




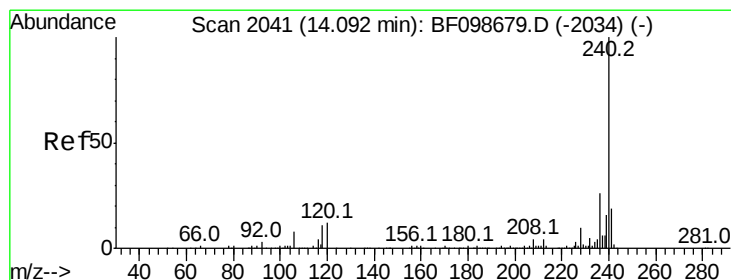
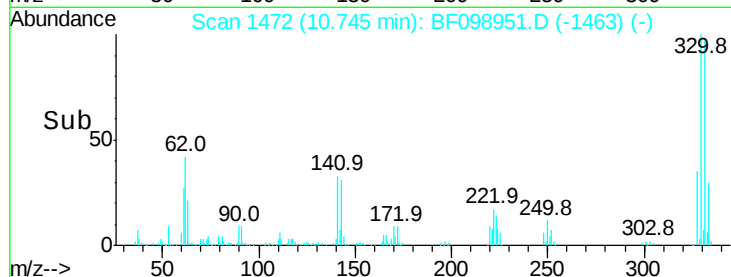
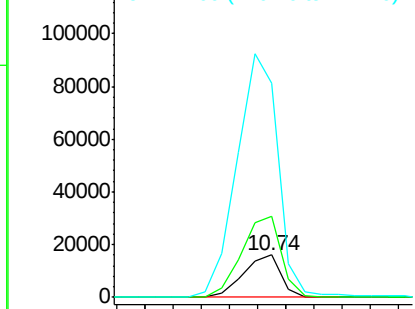
#66
4-Bromophenyl-phenylether
Concen: 3.776 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14936
Ion Ratio Lower Upper
248 100
250 193.4 76.9 115.3#
141 507.7 74.4 111.6#

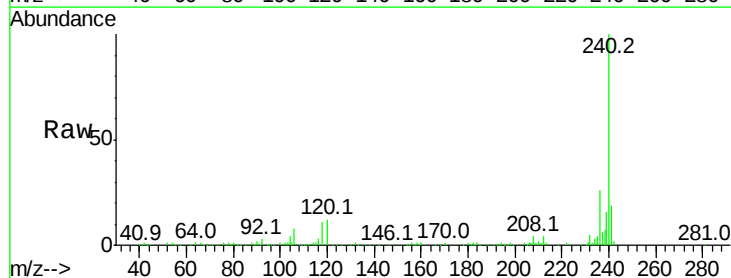


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

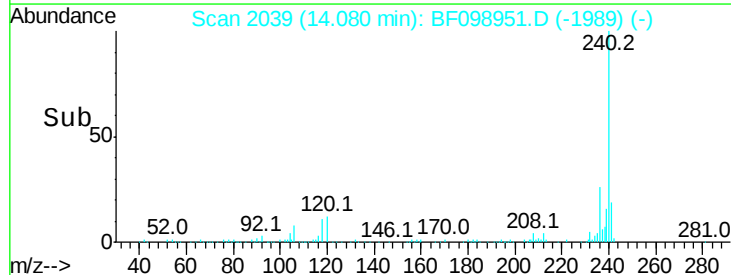
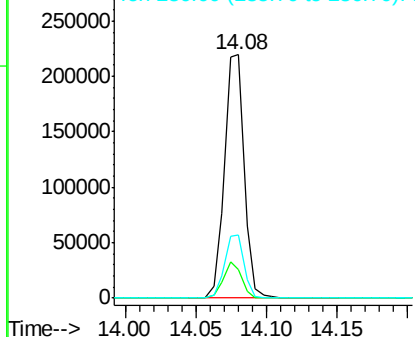


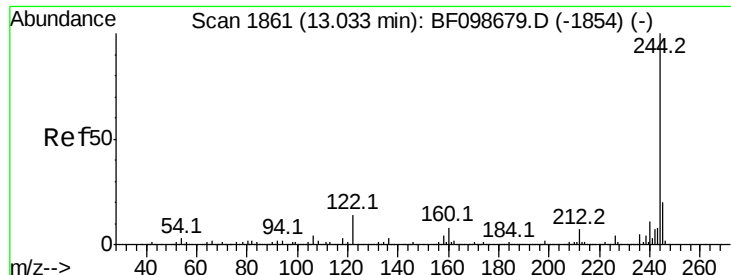
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:240 Resp: 213531
Ion Ratio Lower Upper
240 100
120 11.5 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

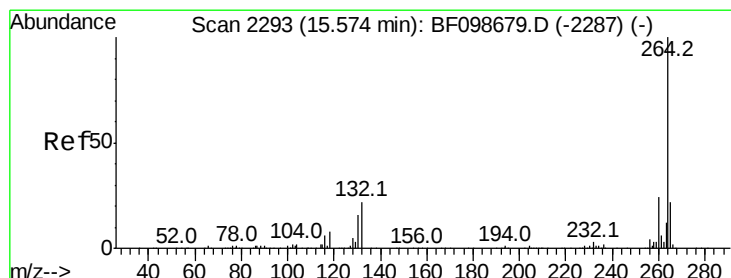
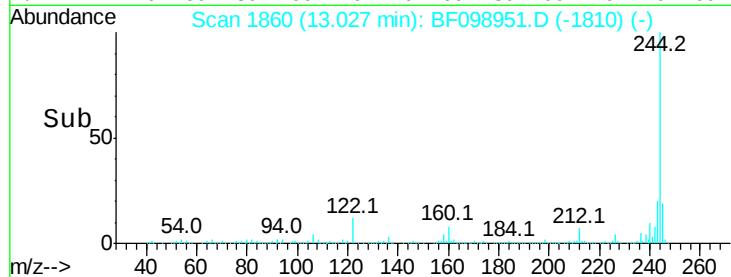
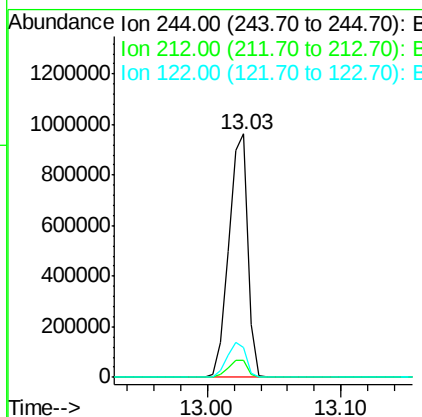
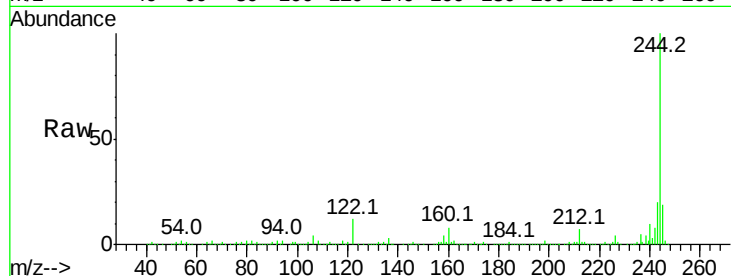




#78
 Terphenyl-d14
 Concen: 102.882 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098951.D
 Acq: 29 Sep 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 965990
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098951.D
 Acq: 29 Sep 2017 16:41

Tgt Ion:264 Resp: 207576
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 17.5 26.3

