

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099460.D
 Acq On : 14 Oct 2017 00:53
 Operator : SJ/JU
 Sample : I5819-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 01:32:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

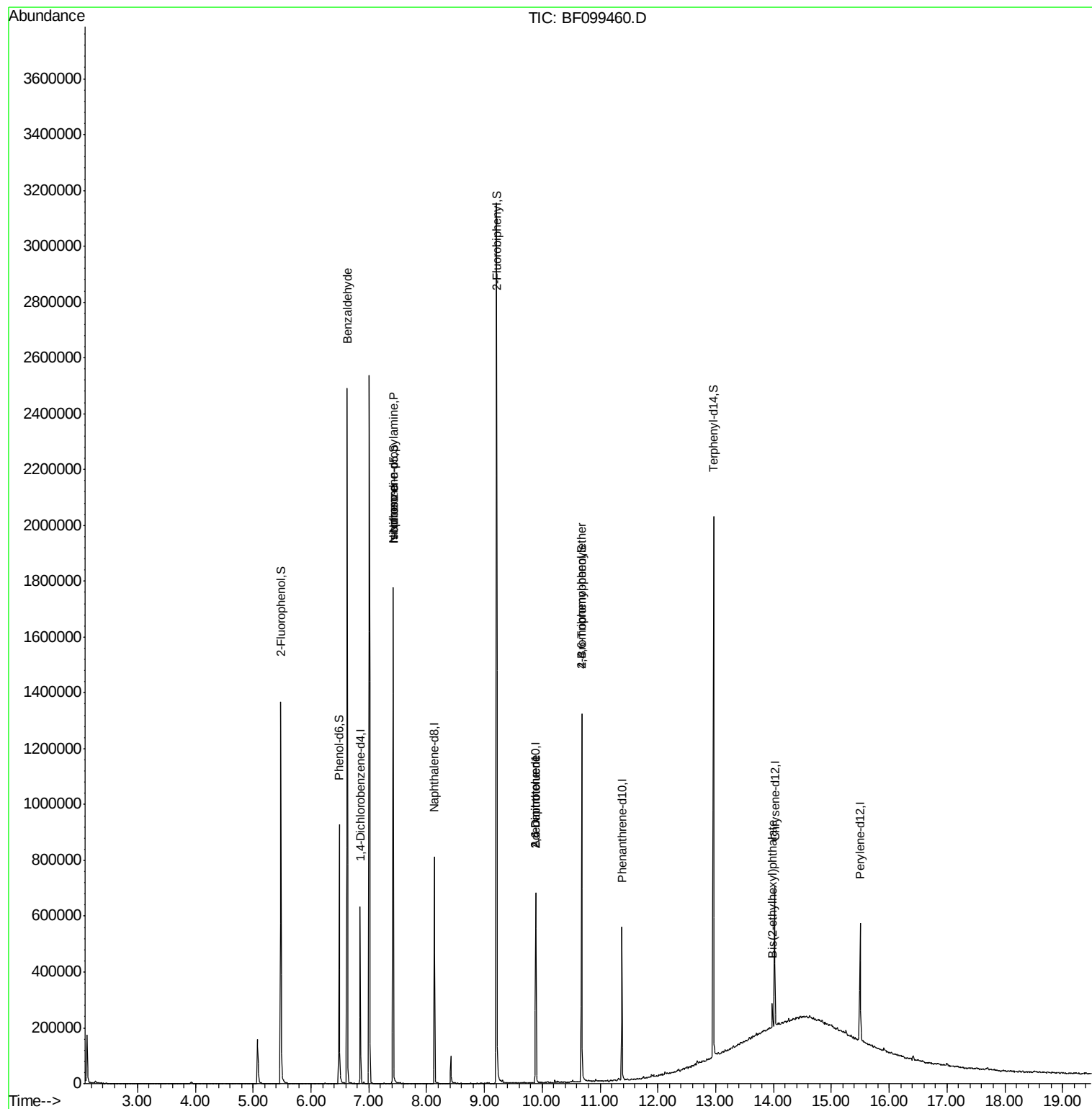
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	90720	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	344614	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	133772	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	187625	20.00	ng	0.00
75) Chrysene-d12	14.02	240	166513	20.00	ng	0.00
86) Perylene-d12	15.50	264	180488	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	439575	77.13	ng	0.00
7) Phenol-d6	6.49	99	316496	45.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	597664	111.22	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	148094	135.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1015568	126.74	ng	0.00
78) Terphenyl-d14	12.96	244	658959	90.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13433	3.29	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	75944	16.92	ng	# 72
25) Isophorone	7.42	82	597657	53.79	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	16524	7.52	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	16524	5.79	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	10088	5.49	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	26527	3.23	ng	96

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

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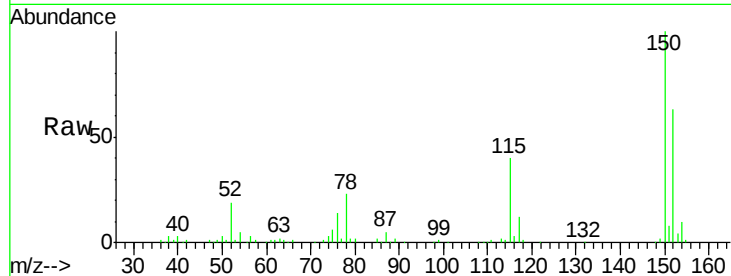


#1

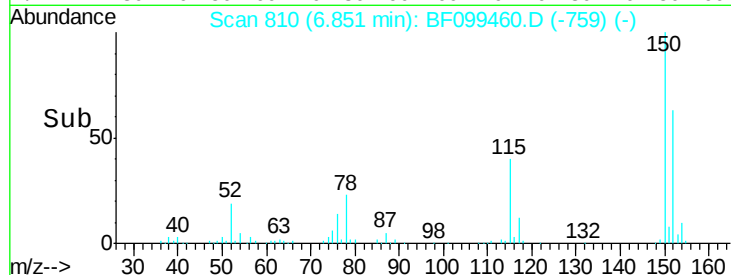
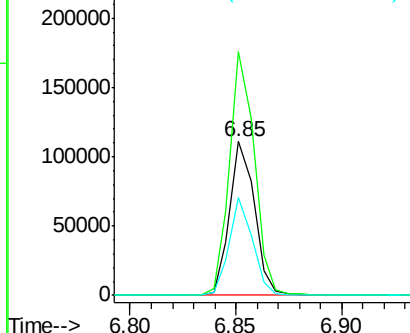
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90720
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 63.4 50.1 75.1



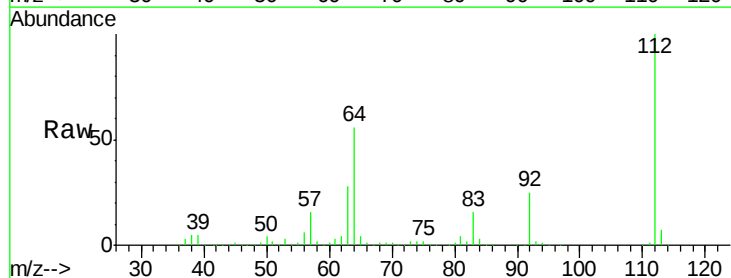
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



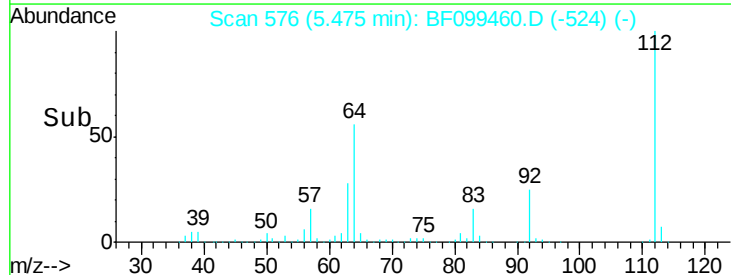
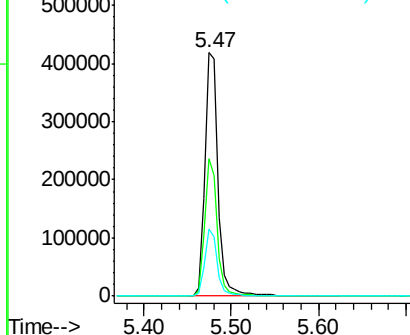
#5

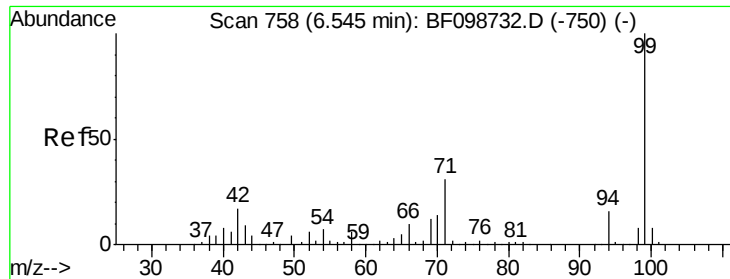
2-Fluorophenol
Concen: 77.13 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Tgt Ion:112 Resp: 439575
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.7 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: 45.02 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099460.D

Acq: 14 Oct 2017 00:53

Instrument :

BNA_F

ClientSampled :

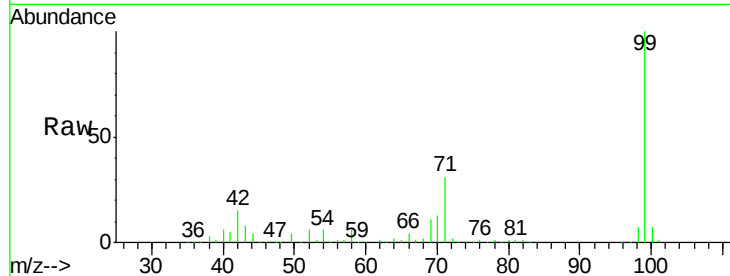
Tot Ion: 99 Resp: 316496

Ion Ratio Lower Upper

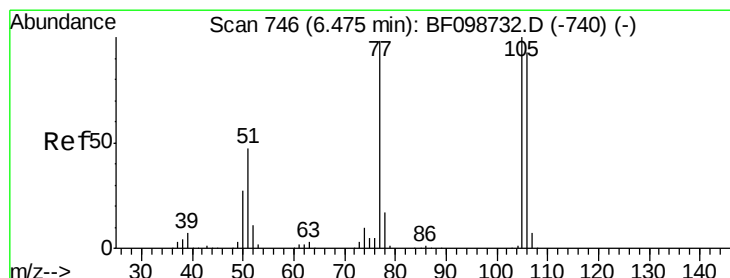
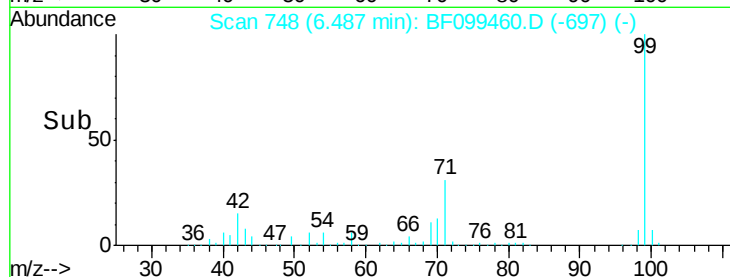
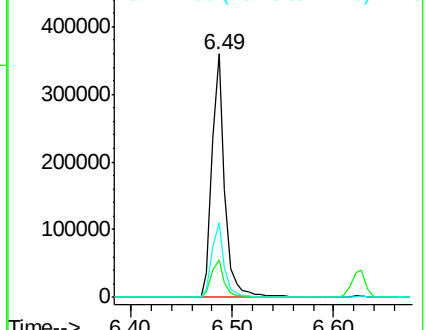
99 100

42 15.2 14.5 21.7

71 30.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099460.D

Acq: 14 Oct 2017 00:53

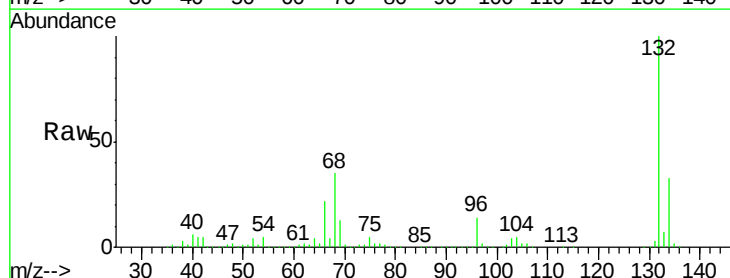
Tgt Ion: 77 Resp: 13433

Ion Ratio Lower Upper

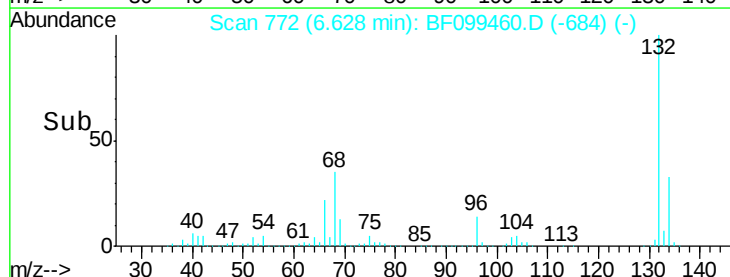
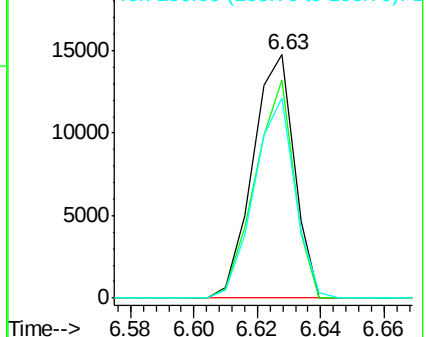
77 100

105 89.3 81.1 121.1

106 82.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

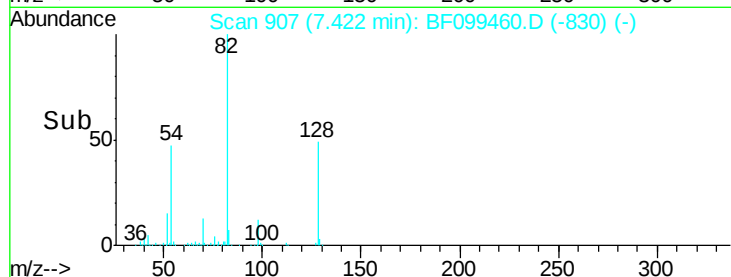
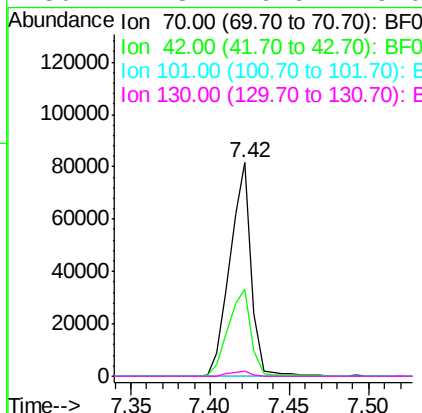
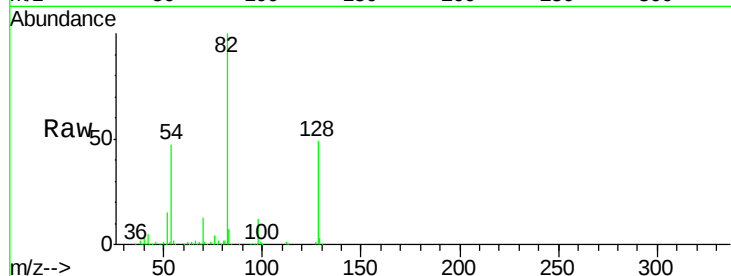




#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

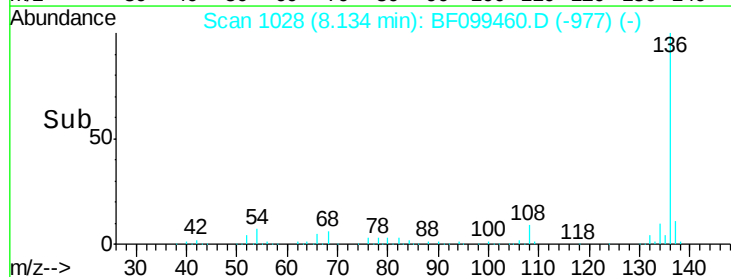
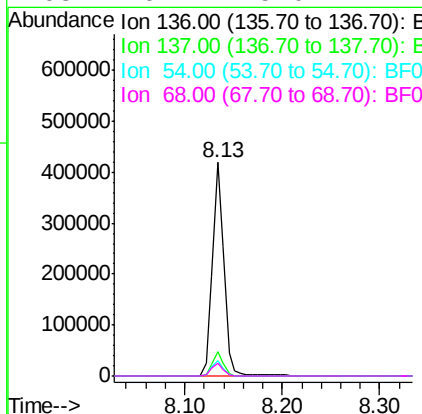
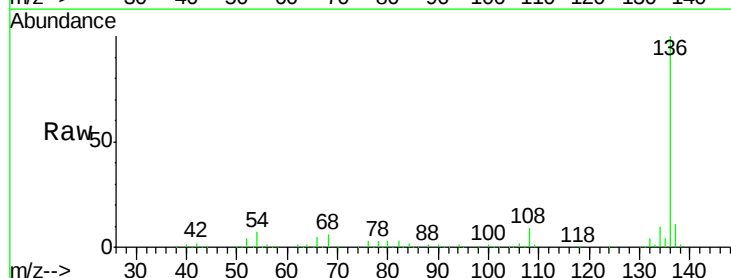
Instrument :
BNA_F
ClientSampleId :

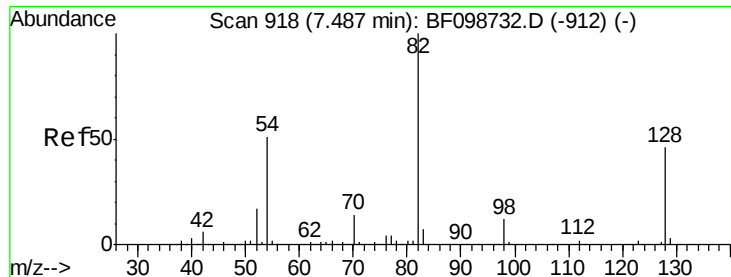
Tot Ion: 70 Resp: 75944
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Tgt Ion: 136 Resp: 344614
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.4 6.6 9.8
68 6.1 5.0 7.4

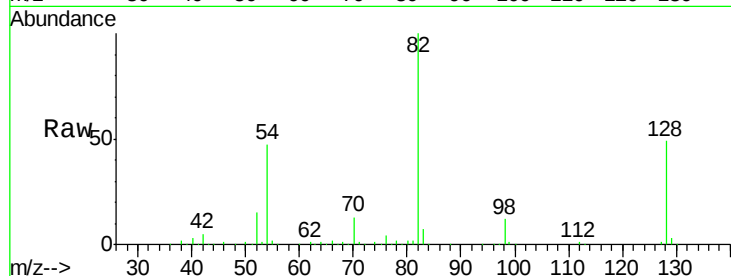




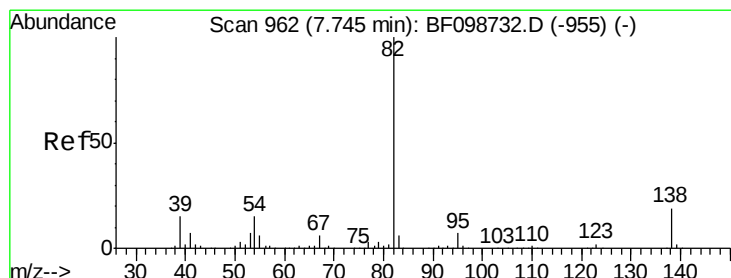
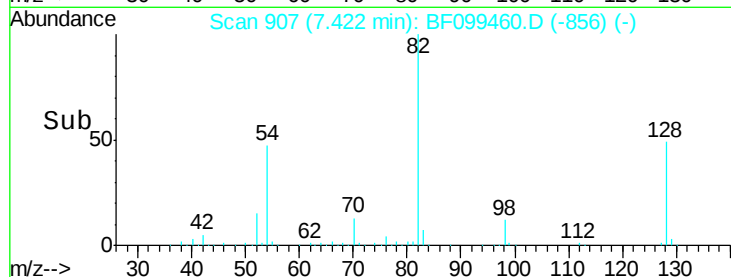
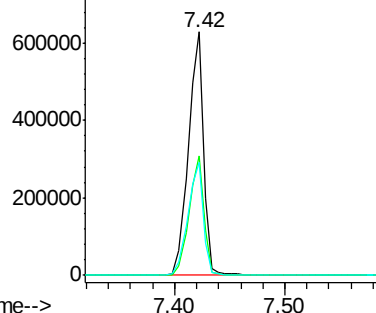
#23
Nitrobenzene-d5
Concen: 111.22 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 597664
Ion Ratio Lower Upper
82 100
128 49.0 36.1 54.1
54 46.5 41.4 62.2

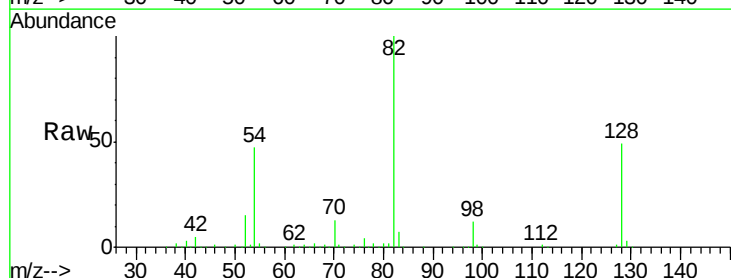


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

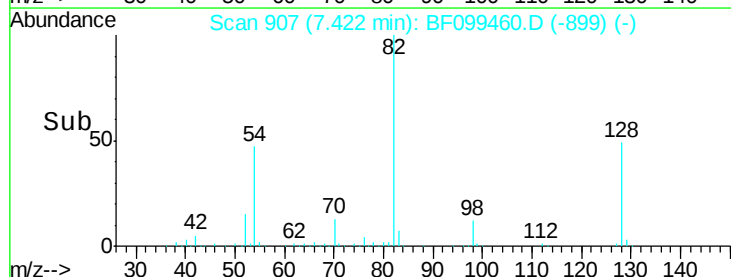
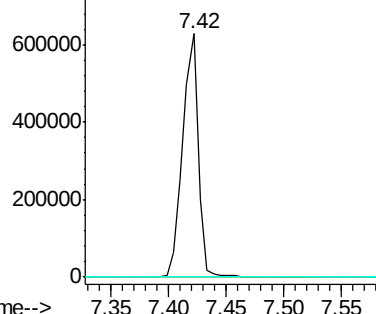


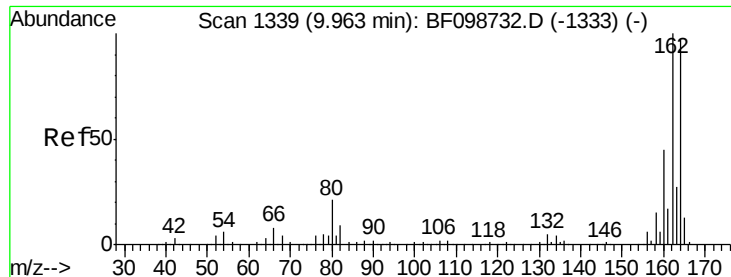
#25
Isophorone
Concen: 53.79 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Tgt Ion: 82 Resp: 597657
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

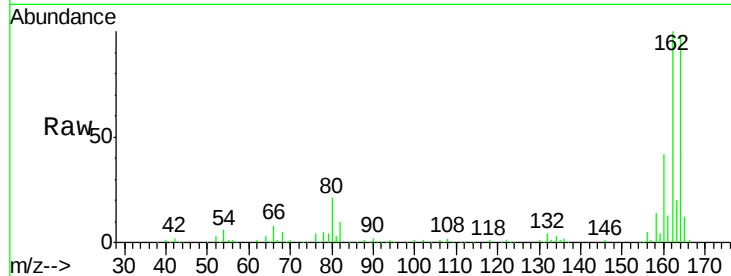




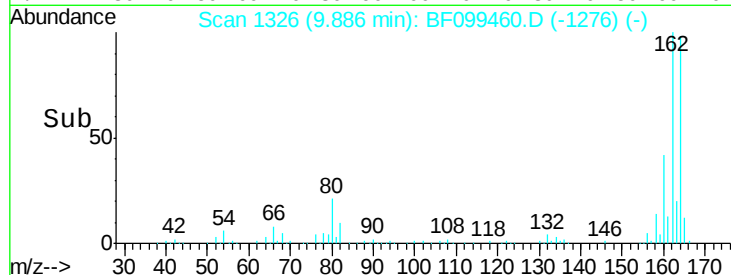
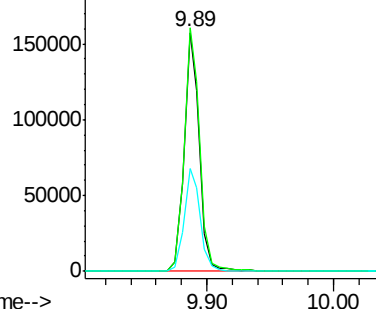
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 133772
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 43.4 38.3 57.5

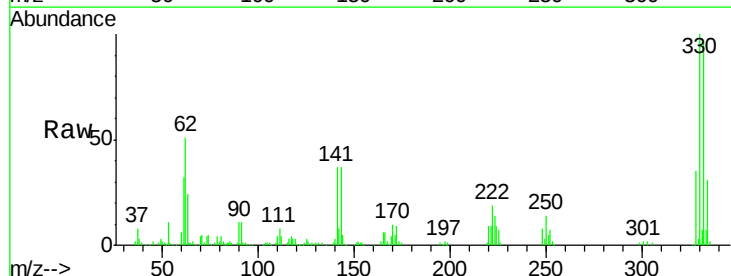


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

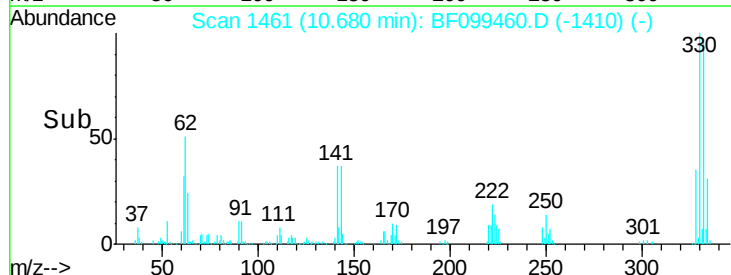
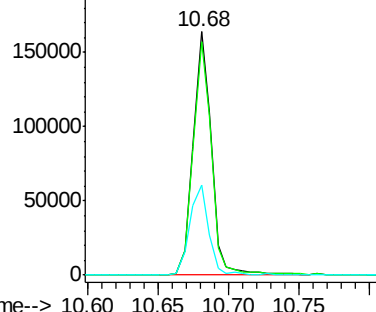


#41
2,4,6-Tribromophenol
Concen: 135.29 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Tgt Ion:330 Resp: 148094
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 39.4 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



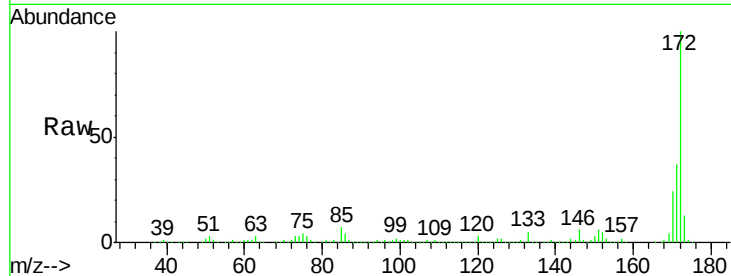


#44
 2-Fluorobiphenyl
 Concen: 126.74 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099460.D
 Acq: 14 Oct 2017 00:53

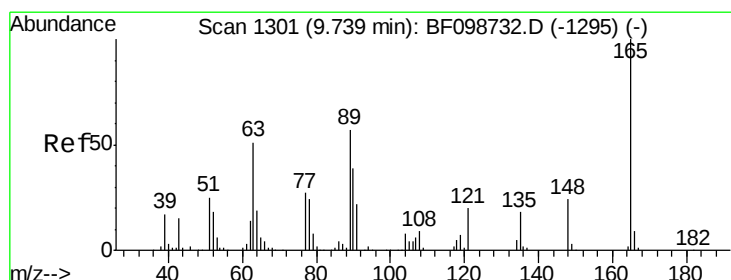
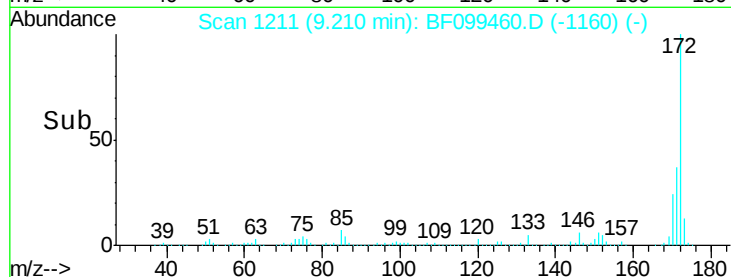
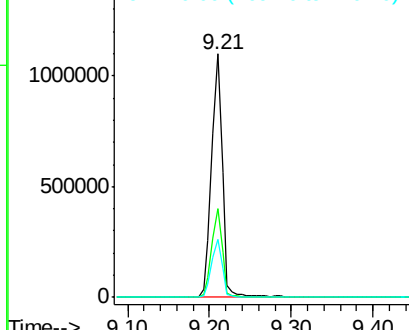
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1015568

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4



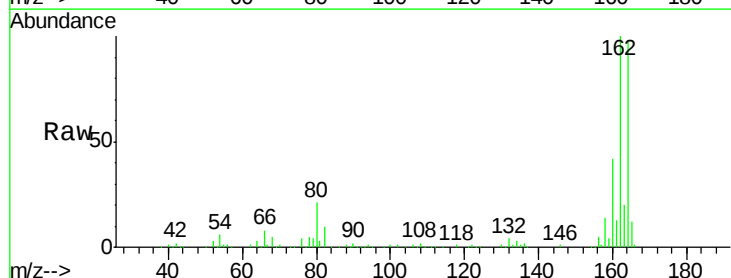
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



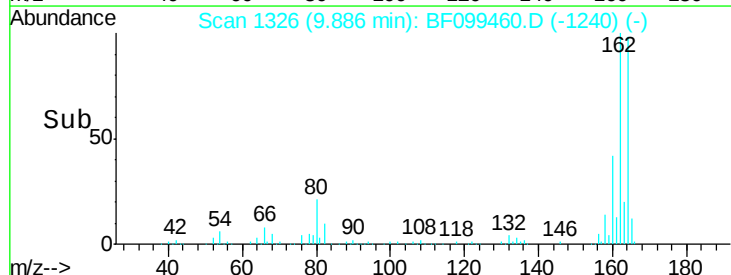
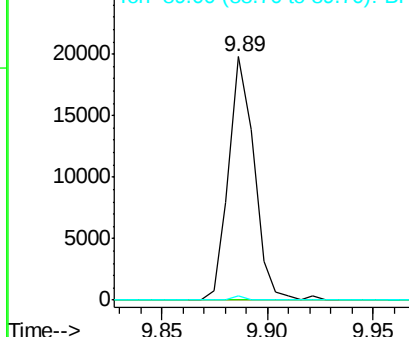
#50
 2,6-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099460.D
 Acq: 14 Oct 2017 00:53

Tgt Ion:165 Resp: 16524

Ion	Ratio	Lower	Upper
165	100		
63	0.0	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): BF0
 Ion 89.00 (88.70 to 89.70): BF0

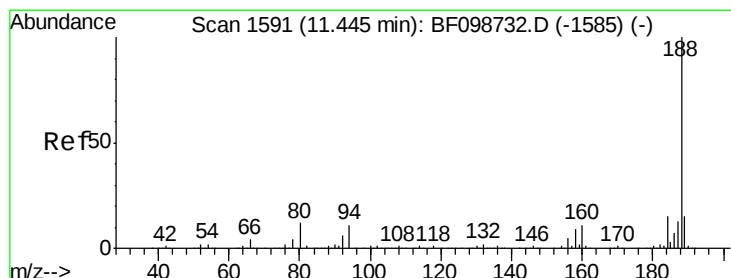
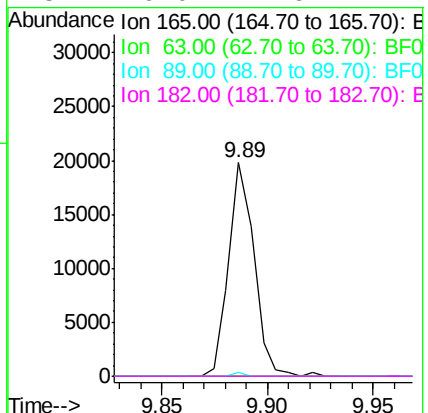
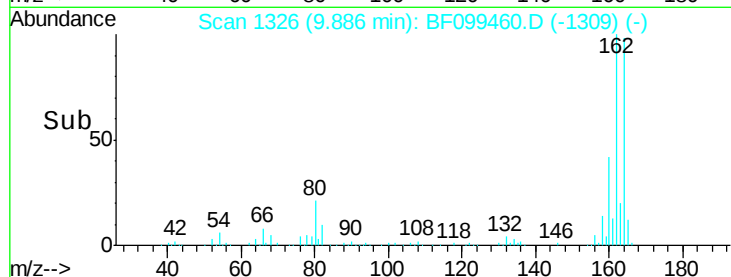
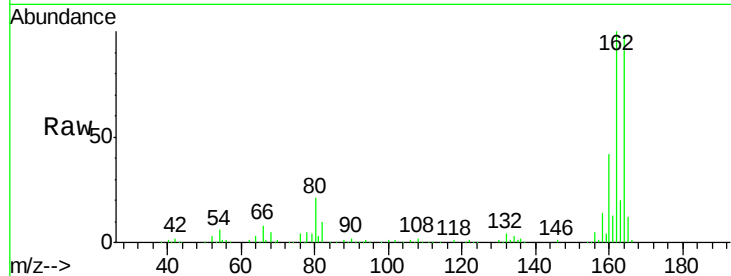




#56
 2,4-Dinitrotoluene
 Concen: 5.79 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099460.D
 Acq: 14 Oct 2017 00:53

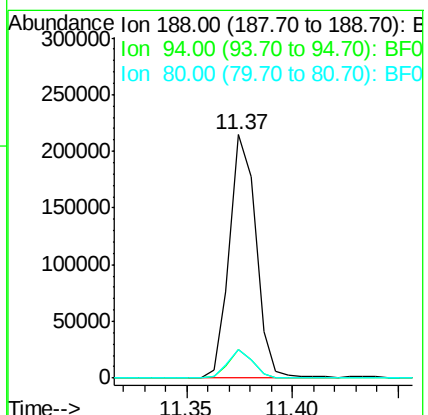
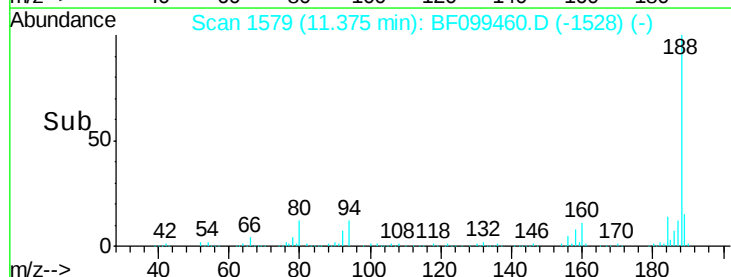
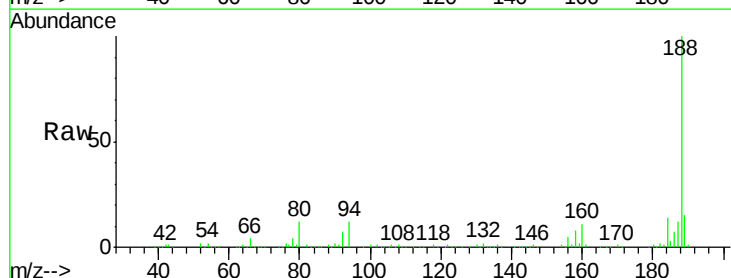
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	16524
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.6	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099460.D
 Acq: 14 Oct 2017 00:53

Tgt Ion:188	Resp:	187625
Ion Ratio	Lower	Upper
188	100	
94	11.6	8.5 12.7
80	11.9	9.2 13.8

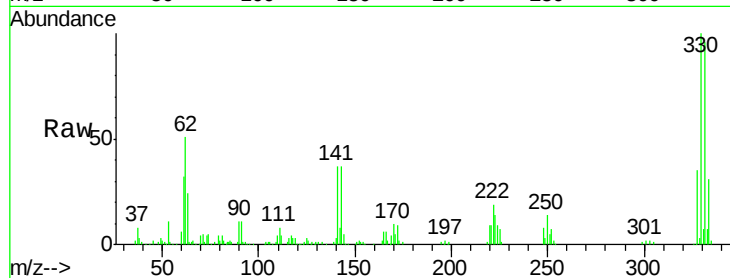




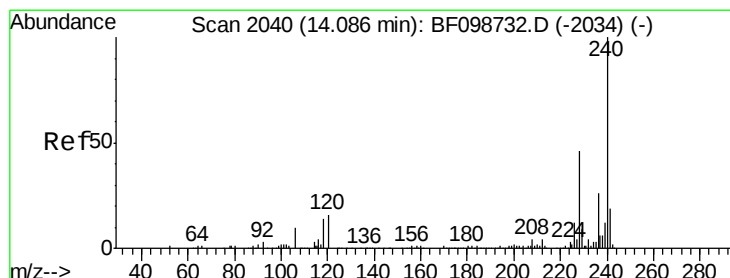
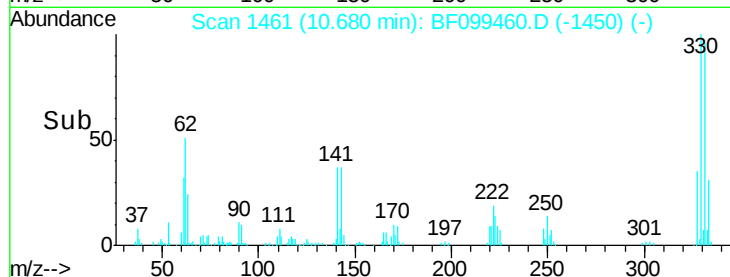
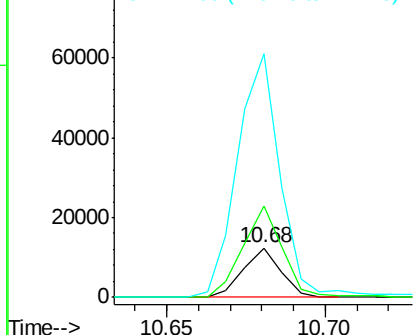
#66
4-Bromophenyl-phenylether
Concen: 5.49 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10088
Ion Ratio Lower Upper
248 100
250 186.2 76.9 115.3#
141 496.0 74.4 111.6#

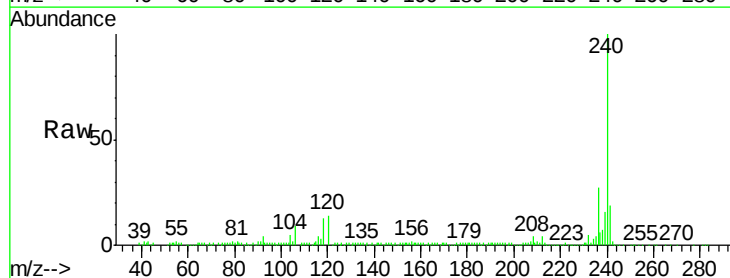


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

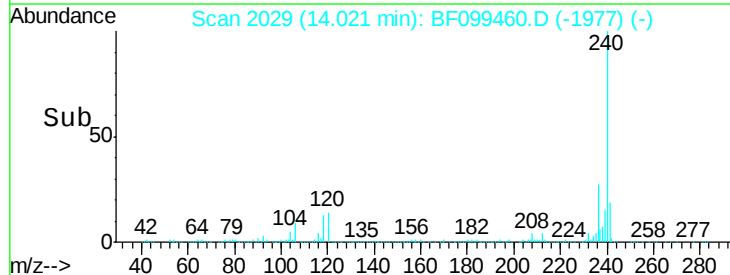
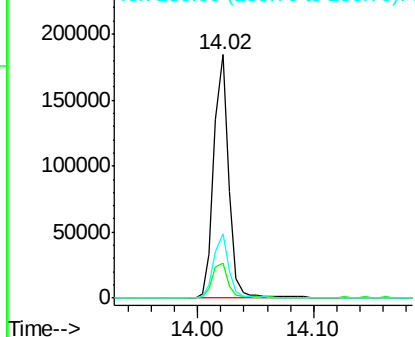


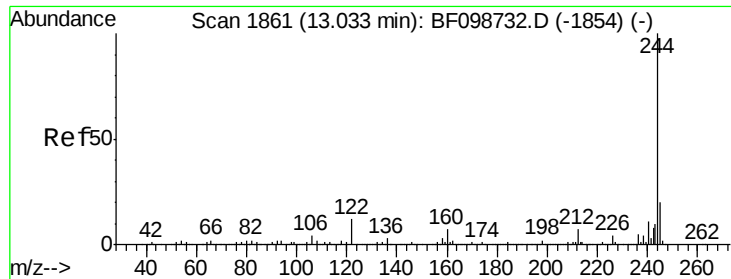
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099460.D
Acq: 14 Oct 2017 00:53

Tgt Ion:240 Resp: 166513
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.6 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: 90.00 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099460.D

Acq: 14 Oct 2017 00:53

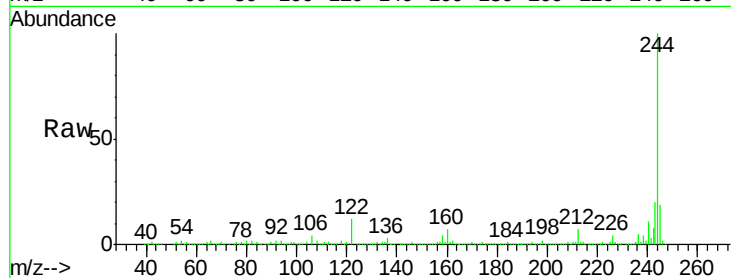
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 658959

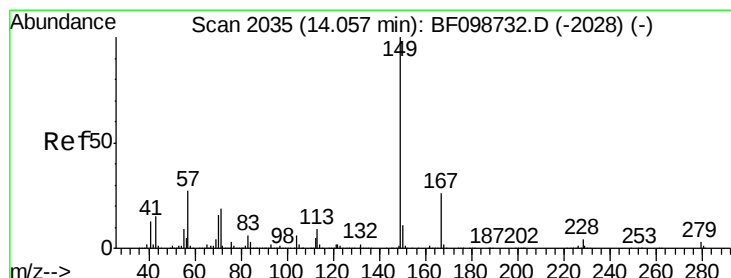
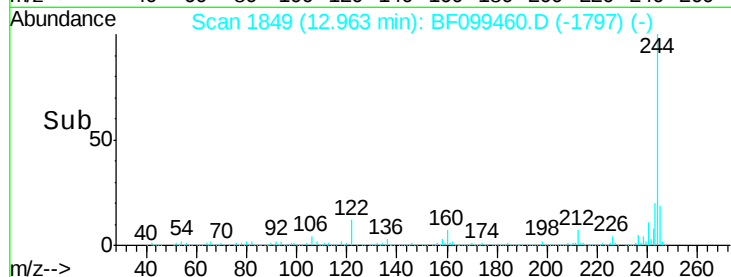
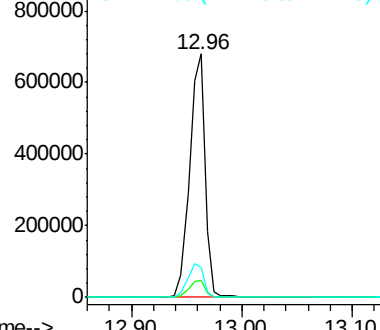
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.23 ng

RT: 13.99 min Scan# 2023

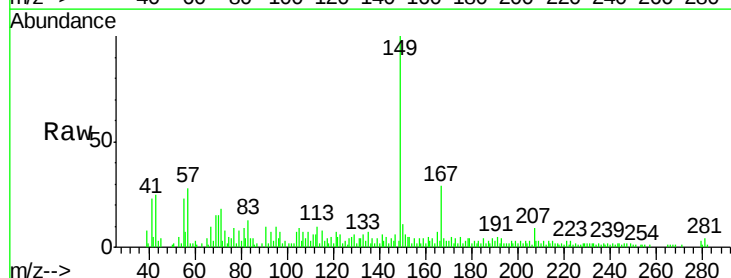
Delta R.T. 0.01 min

Lab File: BF099460.D

Acq: 14 Oct 2017 00:53

Tgt Ion:149 Resp: 26527

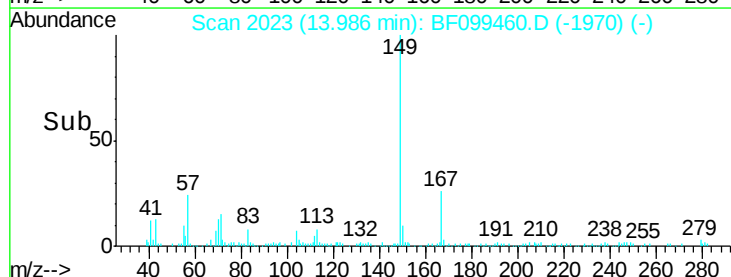
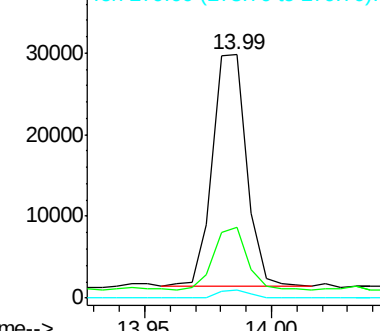
Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.3	31.9
279	3.2	3.0	4.4

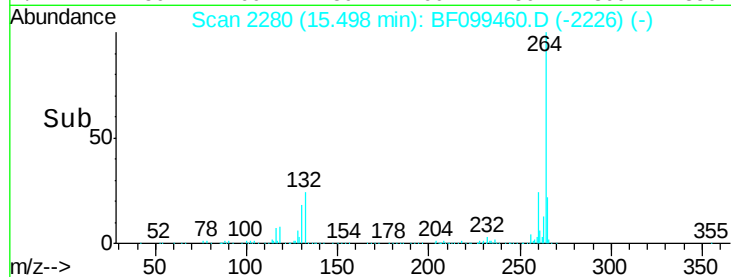
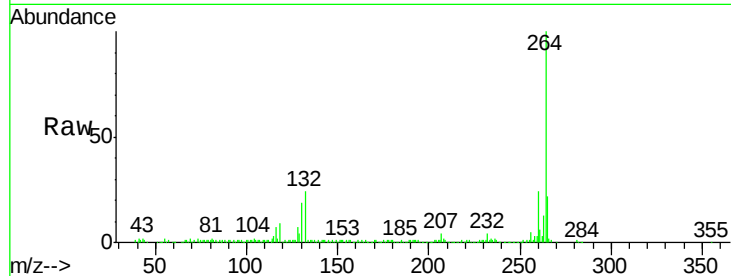
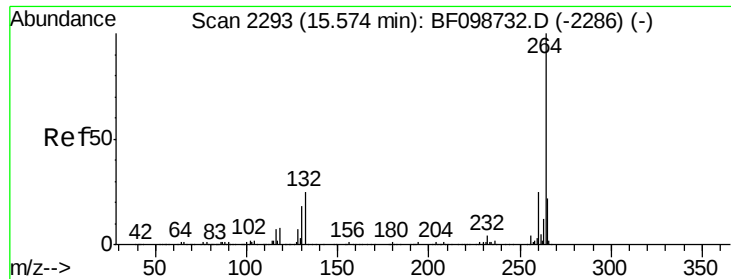


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF099460.D
 Acq: 14 Oct 2017 00:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3

