

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099578.D
 Acq On : 17 Oct 2017 7:31
 Operator : SJ/JU
 Sample : I5905-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 11:17:44 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

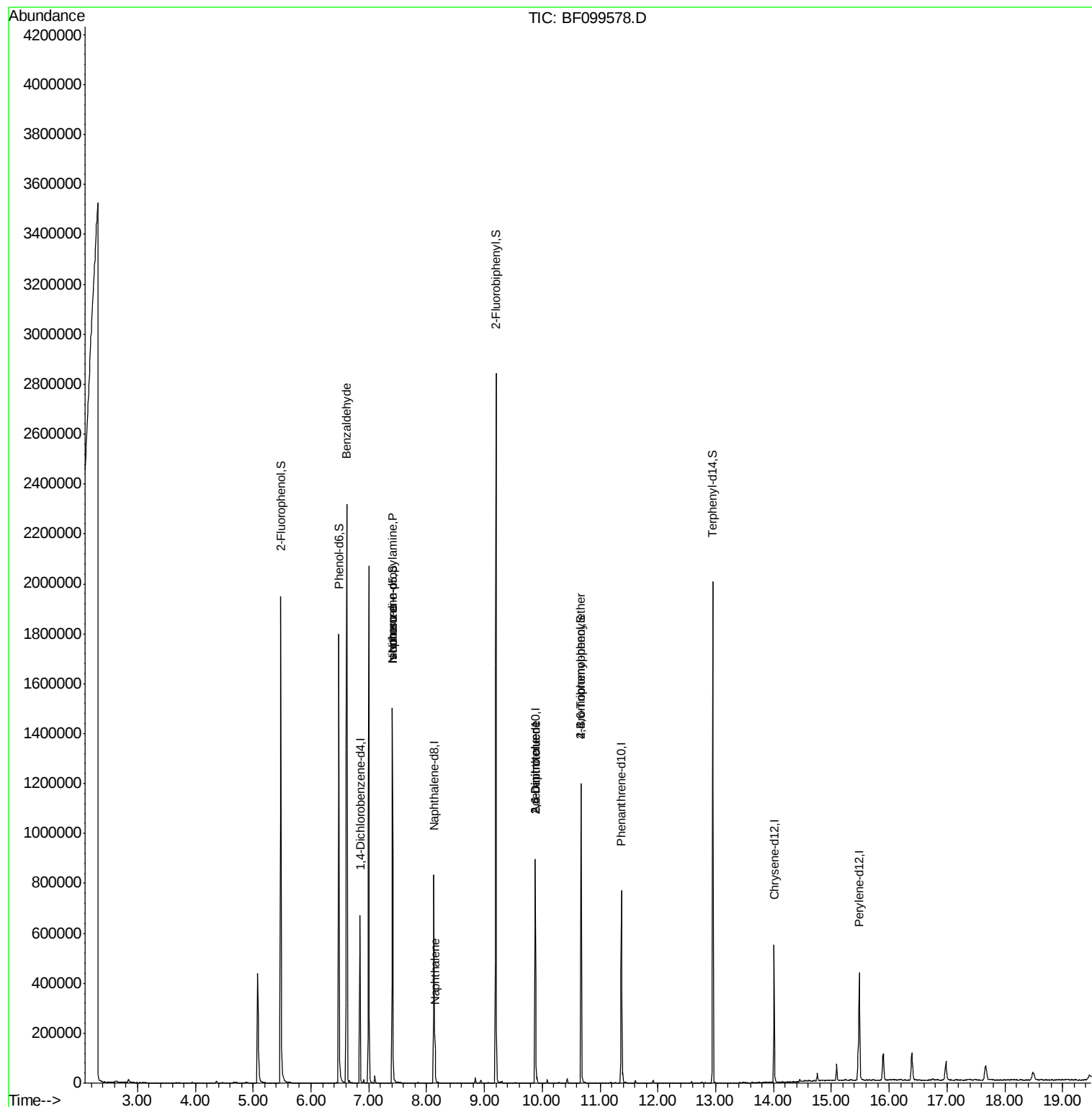
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100968	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	406092	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	171321	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	249854	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183962	20.00	ng	0.00
86) Perylene-d12	15.49	264	190778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	656711	103.54	ng	0.00
7) Phenol-d6	6.48	99	707902	90.47	ng	0.00
23) Nitrobenzene-d5	7.41	82	505820	79.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	151739	108.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	943422	91.93	ng	-0.01
78) Terphenyl-d14	12.95	244	626687	77.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	13514	2.978	ng	87
19) n-Nitroso-di-n-propylamine	7.41	70	64490	12.910	ng	# 73
25) Isophorone	7.41	82	505820	38.636	ng	# 64
31) Naphthalene	8.15	128	55472	2.908	ng	99
50) 2,6-Dinitrotoluene	9.88	165	21775	7.735	ng	# 26
56) 2,4-Dinitrotoluene	9.88	165	21775	5.960	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	9933	4.061	ng	# 1

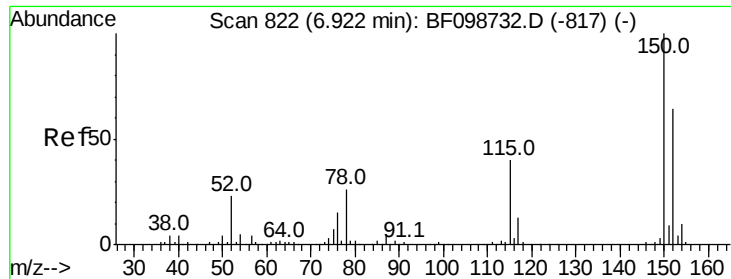
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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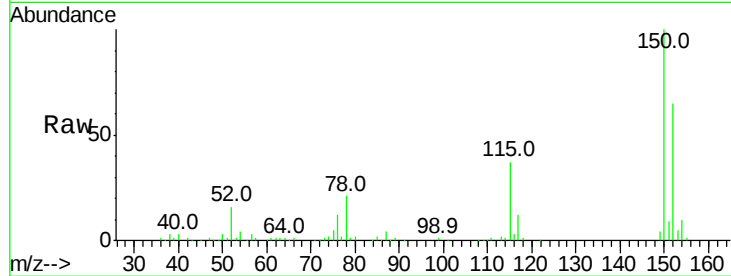


#1

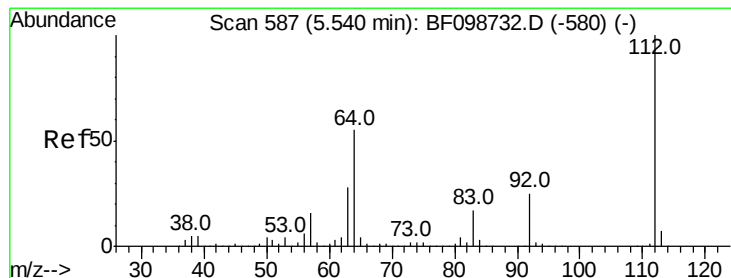
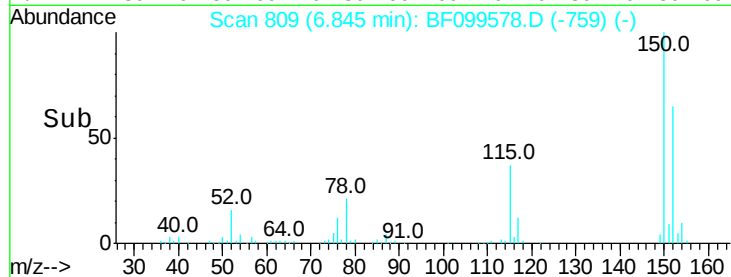
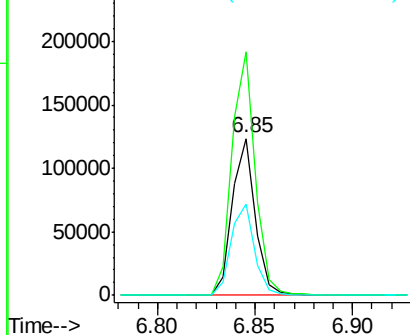
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100968
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 58.0 50.1 75.1



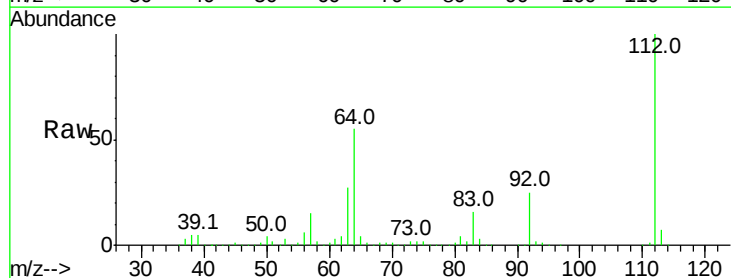
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



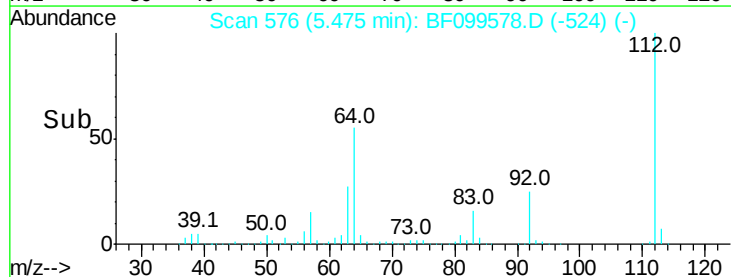
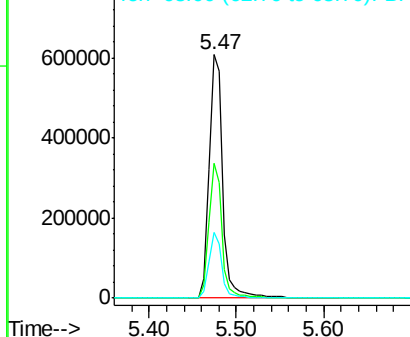
#5

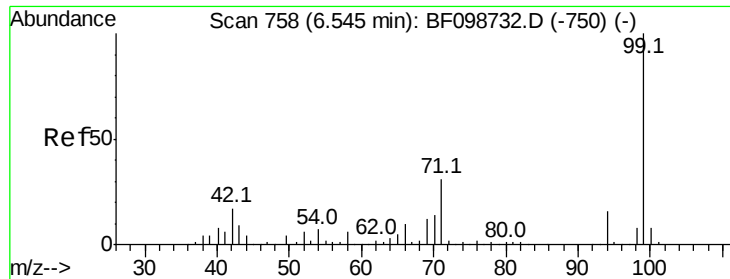
2-Fluorophenol
Concen: 103.540 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:112 Resp: 656711
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 26.8 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: 90.475 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Instrument :

BNA_F

ClientSampled :

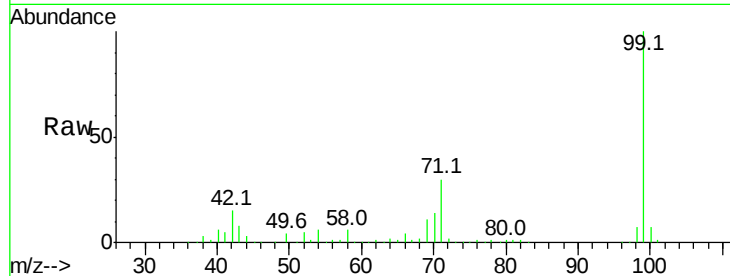
Tot Ion: 99 Resp: 707902

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

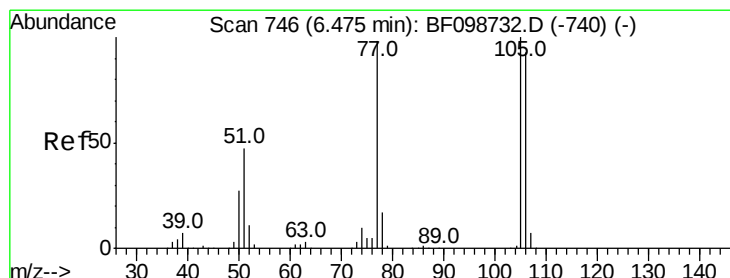
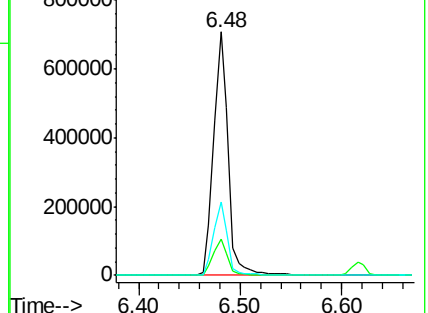
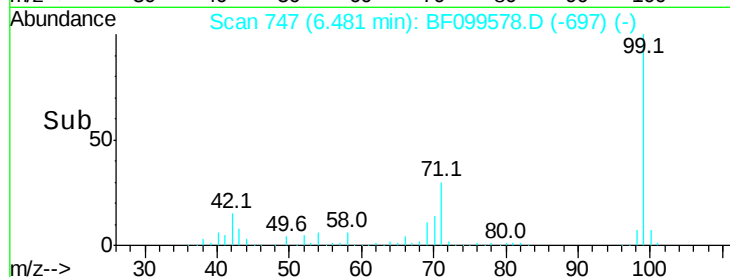
71 30.0 25.4 38.0



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: 2.978 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

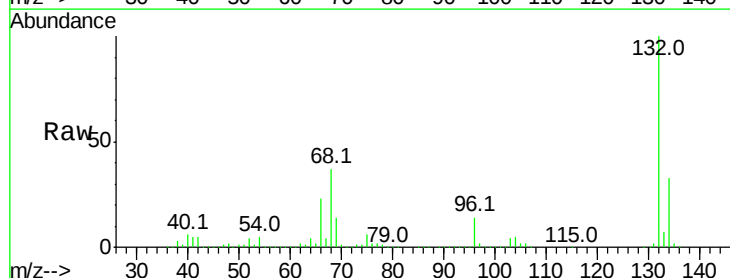
Tgt Ion: 77 Resp: 13514

Ion Ratio Lower Upper

77 100

105 86.9 81.1 121.1

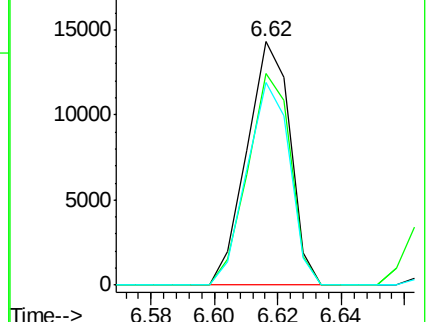
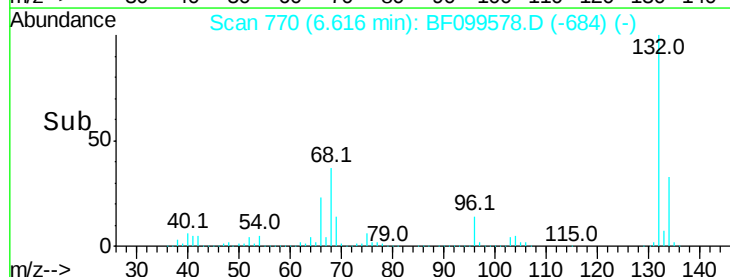
106 83.5 74.5 114.5

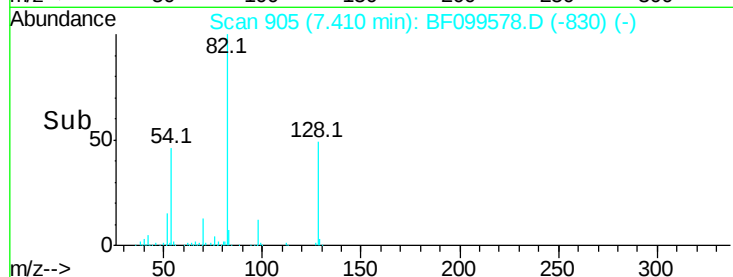
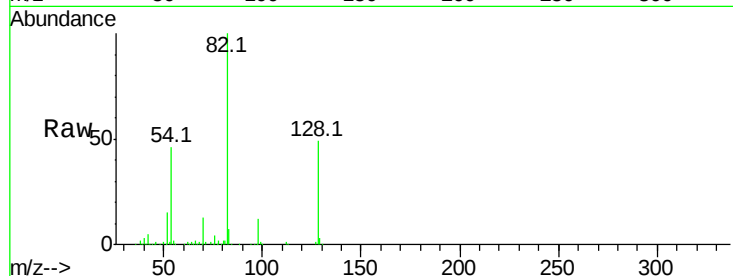
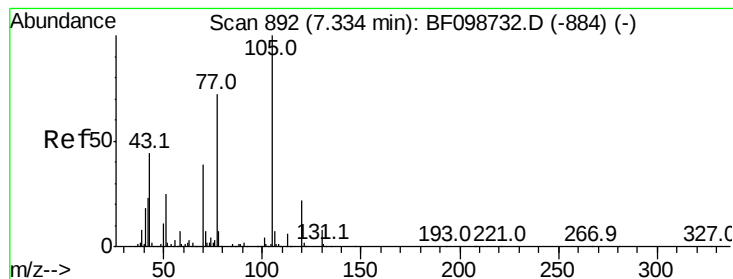


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.910 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 64490

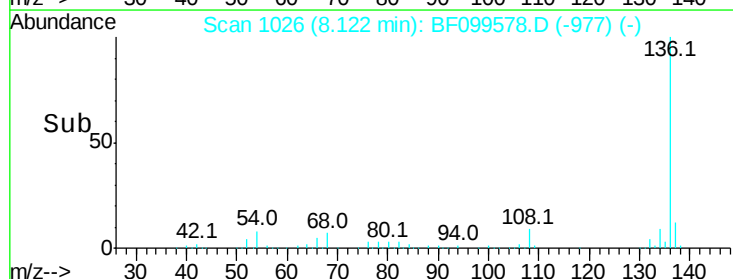
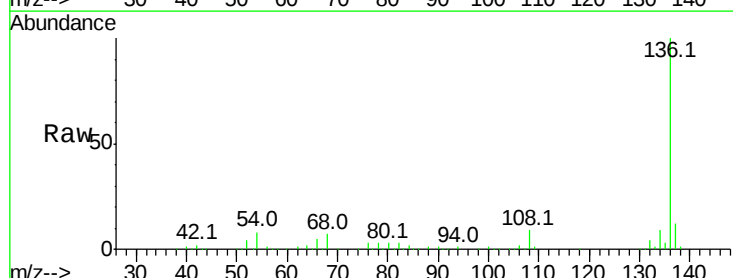
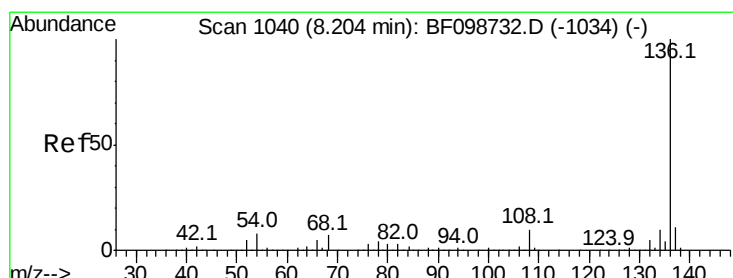
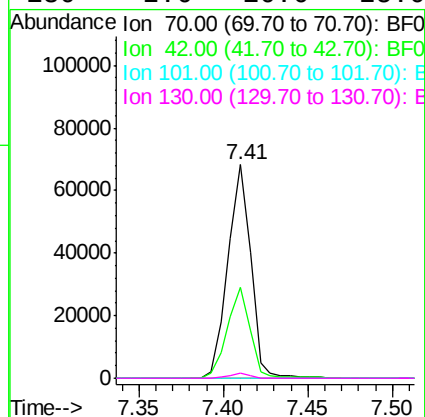
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Tgt Ion: 136 Resp: 406092

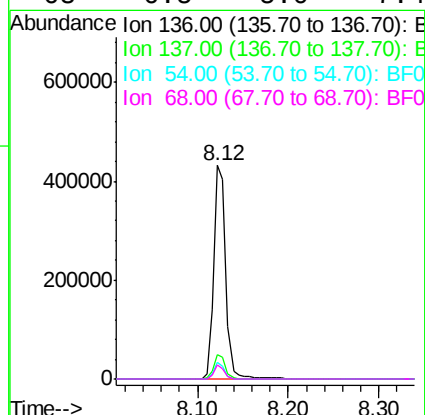
Ion Ratio Lower Upper

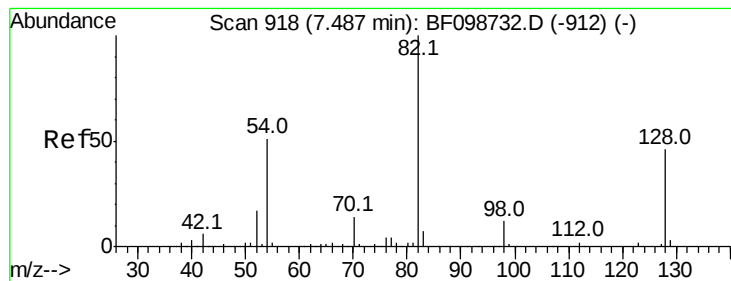
136 100

137 11.6 8.9 13.3

54 7.5 6.6 9.8

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.879 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

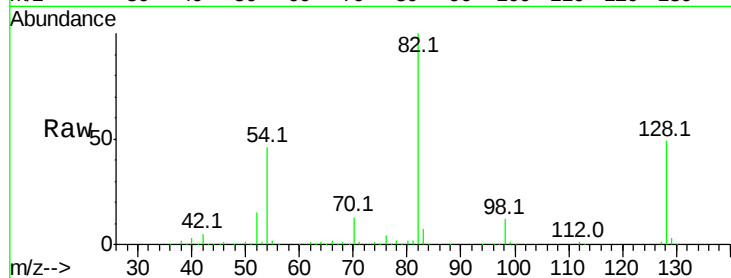
Tot Ion: 82 Resp: 505820

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

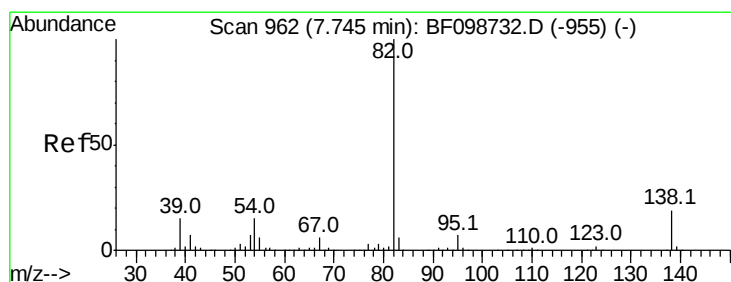
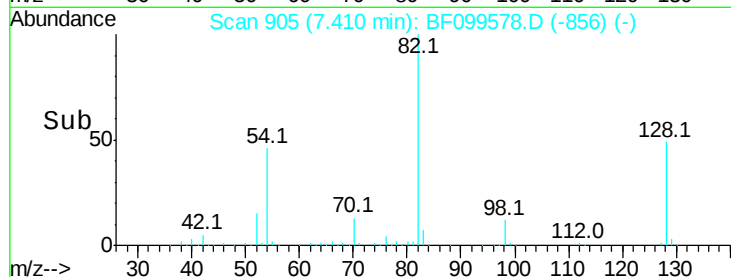
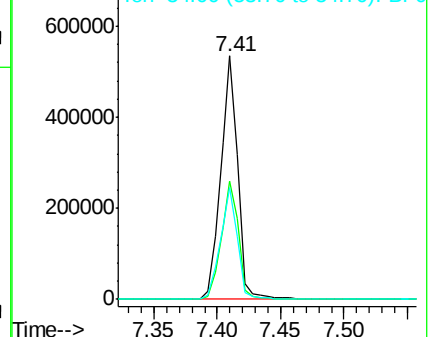
54 45.9 41.4 62.2



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: 38.636 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

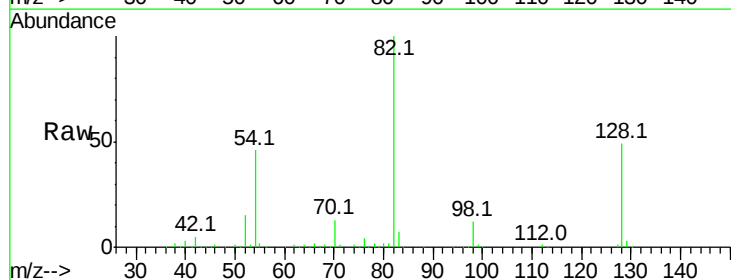
Tgt Ion: 82 Resp: 505820

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

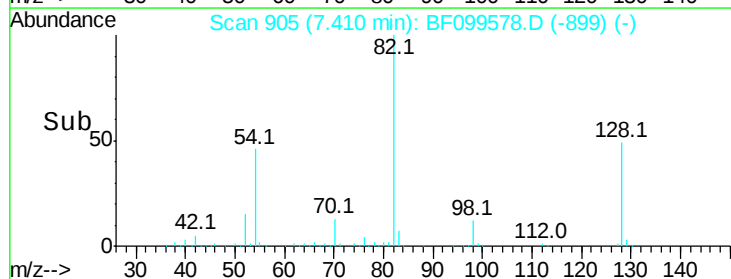
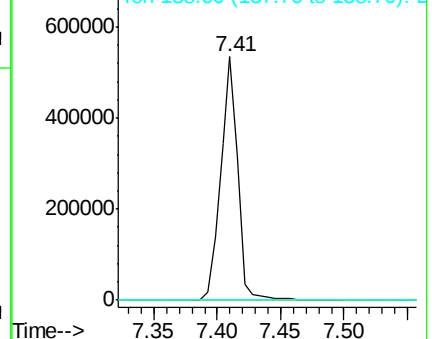
138 0.0 14.9 22.3#

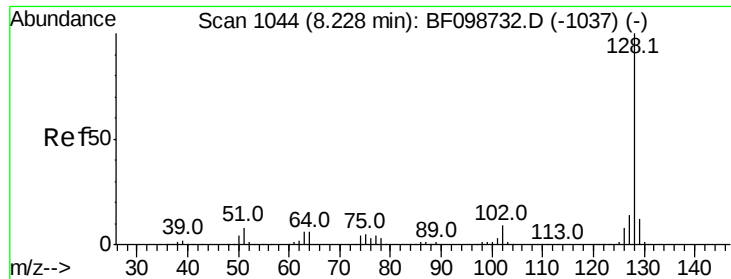


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

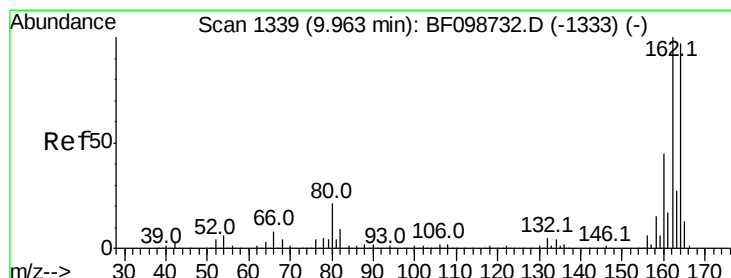
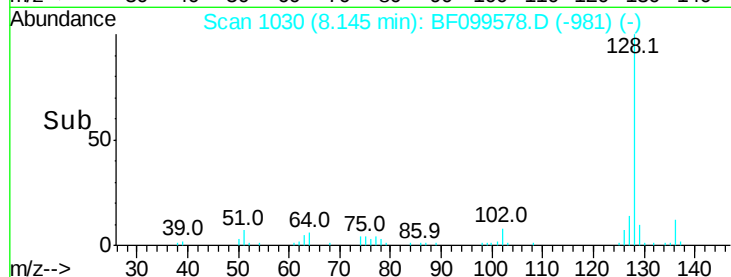
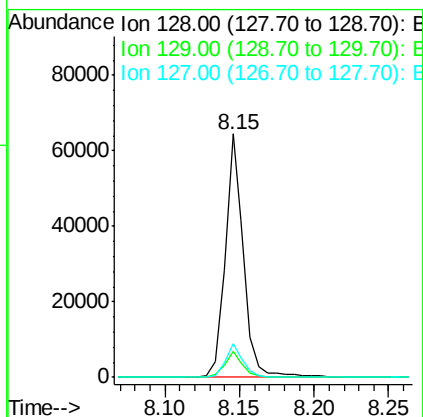
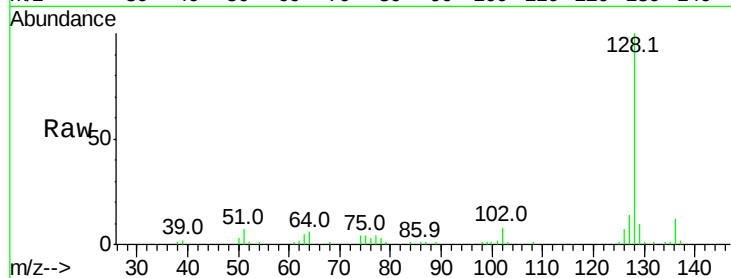




#31
Naphthalene
Concen: 2.908 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

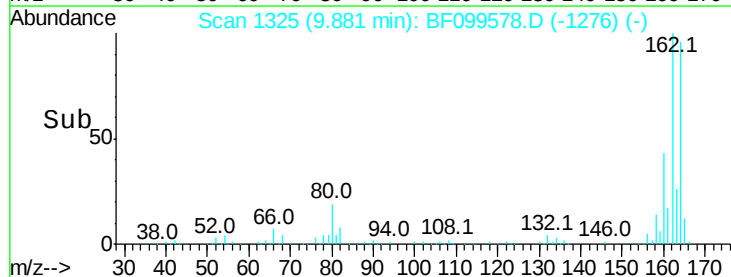
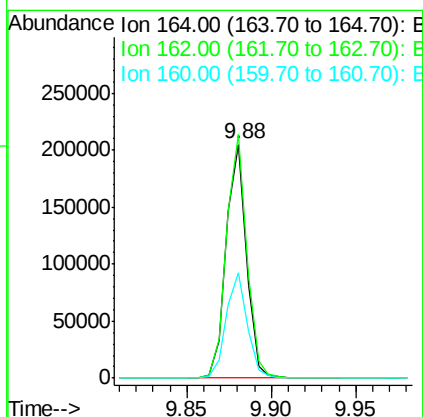
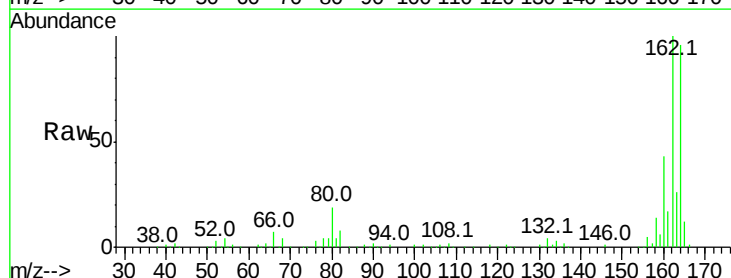
Instrument :
BNA_F
ClientSampleId :

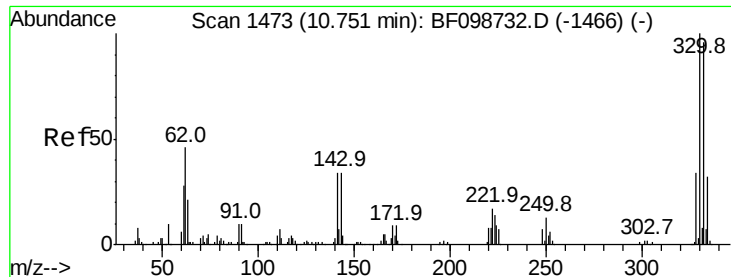
Tot Ion:128 Resp: 55472
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.9 10.9 16.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:164 Resp: 171321
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 45.2 38.3 57.5

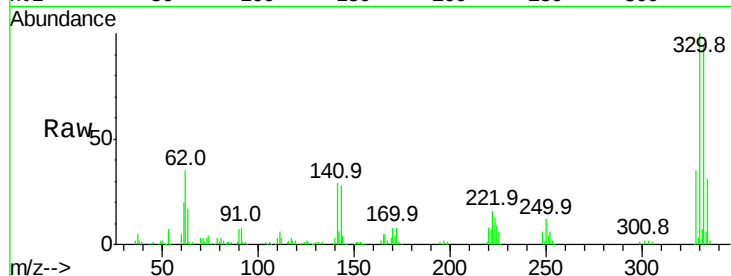




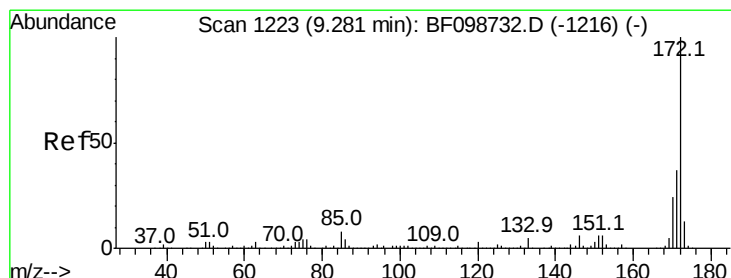
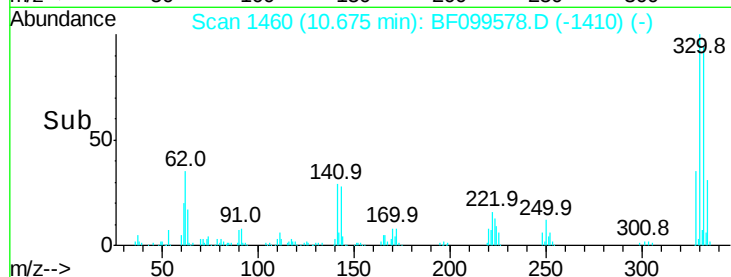
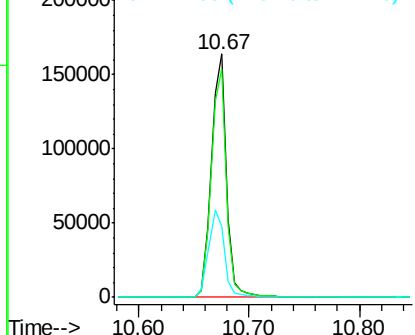
#41
 2,4,6-Tribromophenol
 Concen: 108.240 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	36.8	29.9	44.9

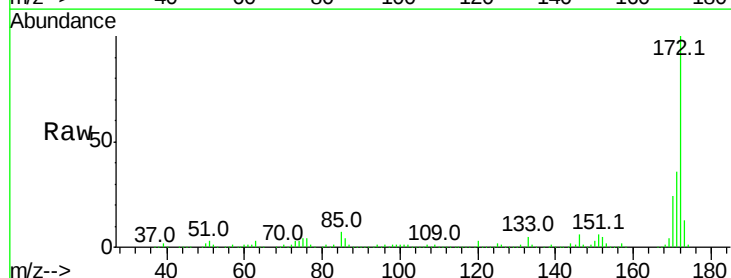


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

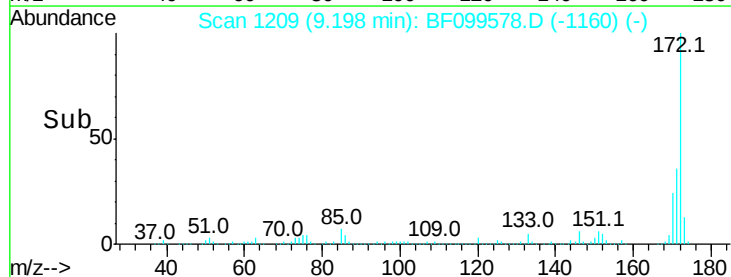
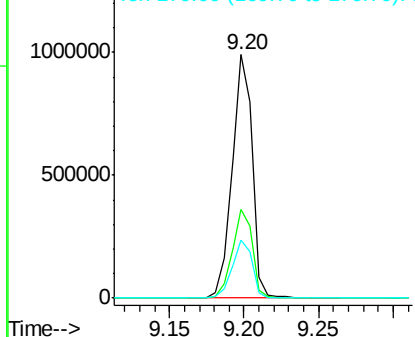


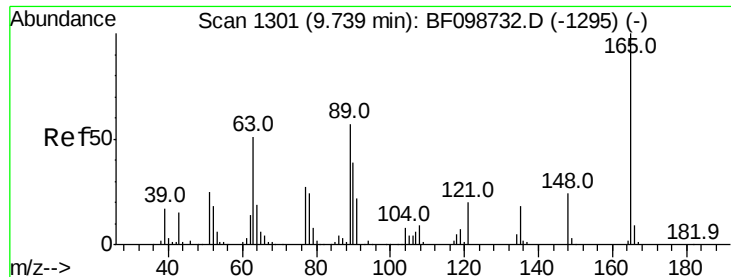
#44
 2-Fluorobiphenyl
 Concen: 91.931 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	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

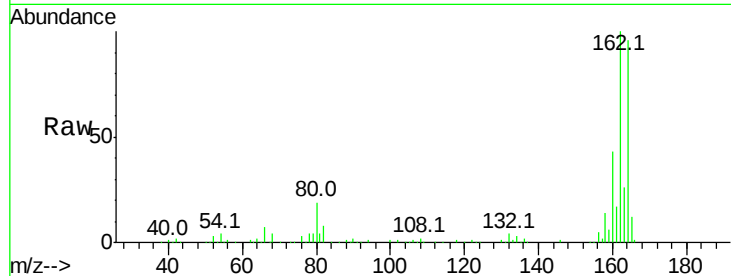




#50
2,6-Dinitrotoluene
Concen: 7.735 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.20 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

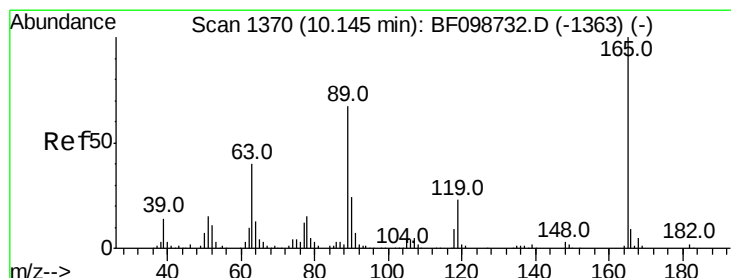
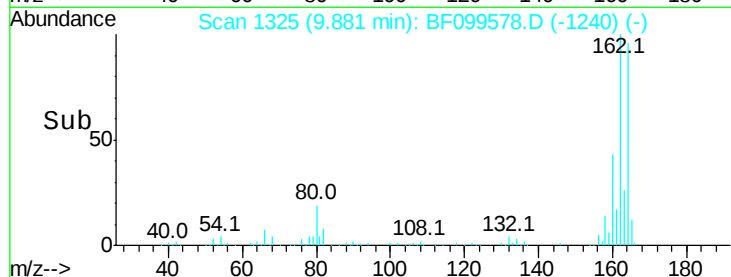
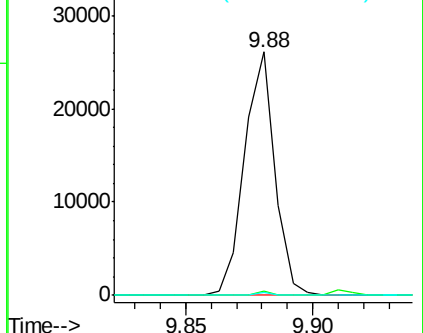
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

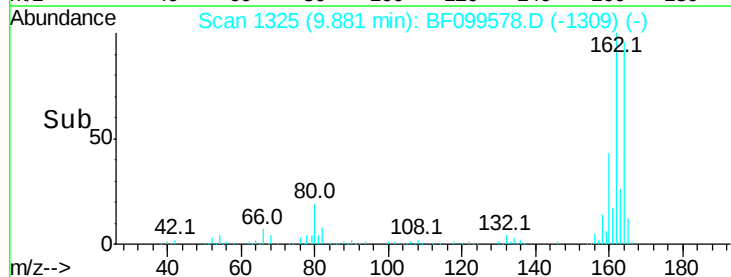
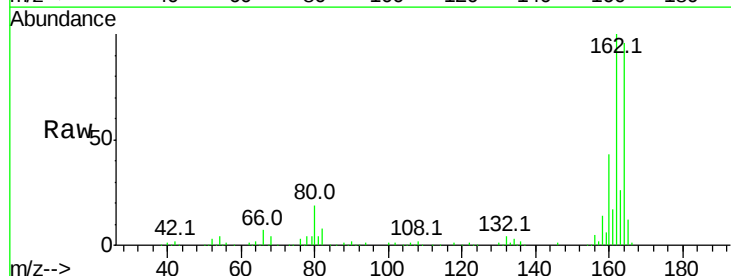
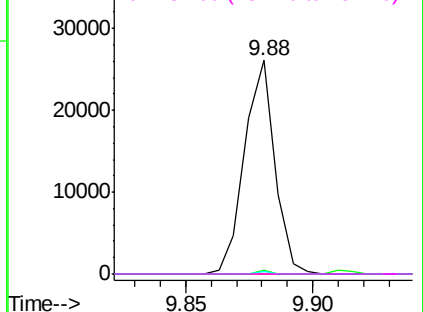
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

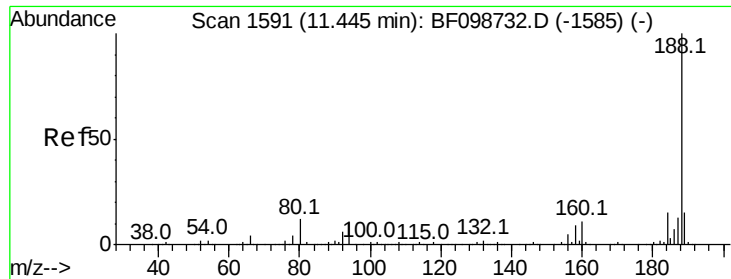
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

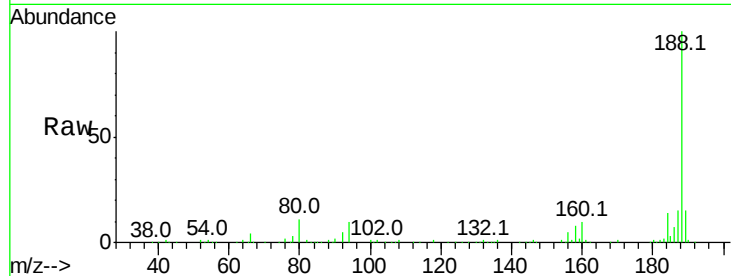




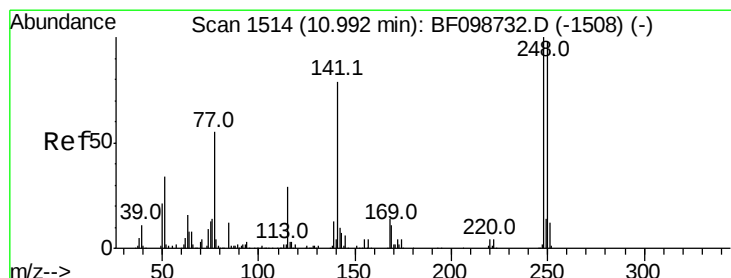
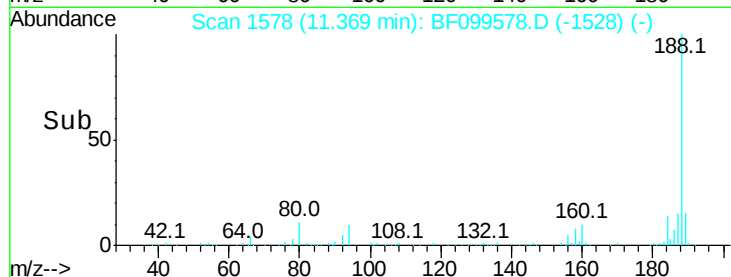
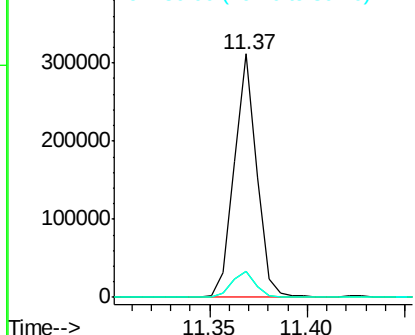
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 249854
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.9 9.2 13.8

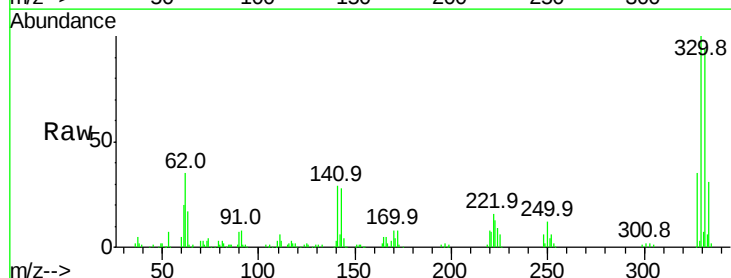


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

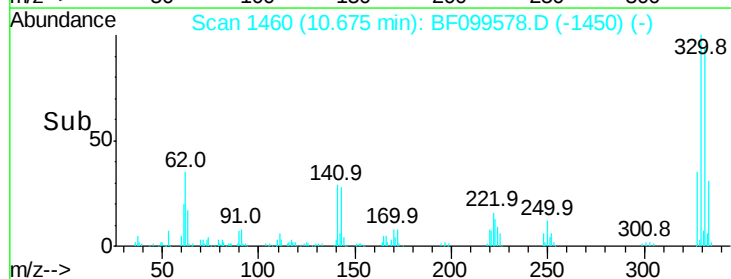
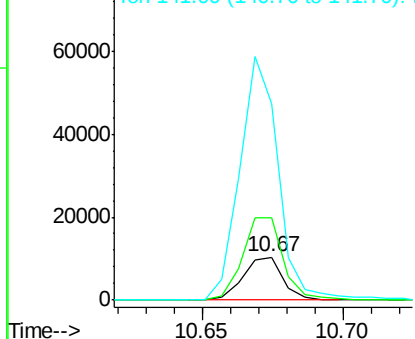


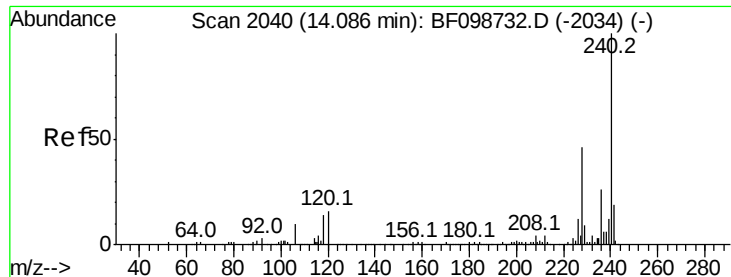
#66
 4-Bromophenyl-phenylether
 Concen: 4.061 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099578.D
 Acq: 17 Oct 2017 7:31

Tgt Ion:248 Resp: 9933
 Ion Ratio Lower Upper
 248 100
 250 193.3 76.9 115.3#
 141 459.0 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: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

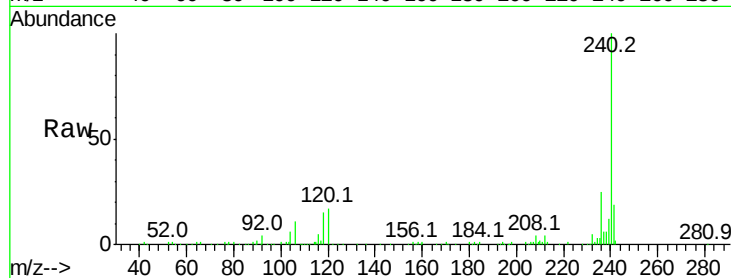
Tot Ion:240 Resp: 183962

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

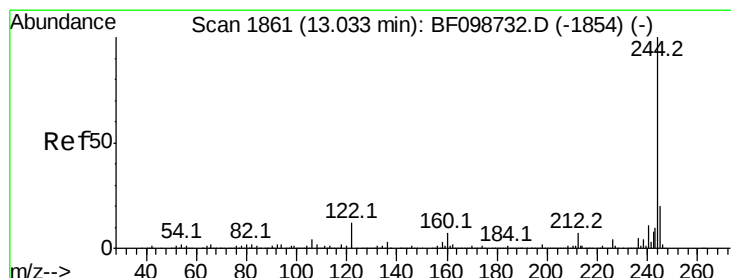
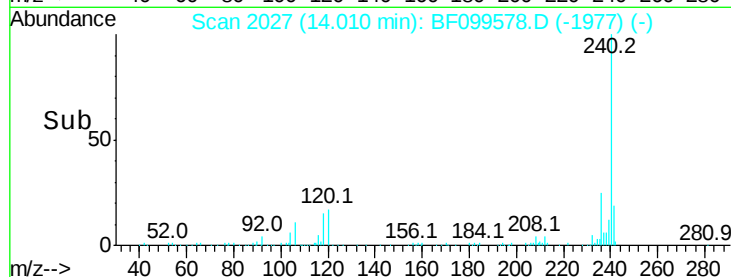
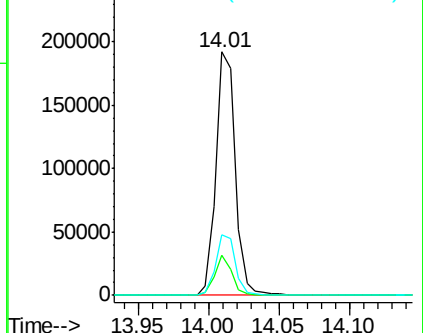
236 25.1 20.7 31.1



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: 77.473 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099578.D

Acq: 17 Oct 2017 7:31

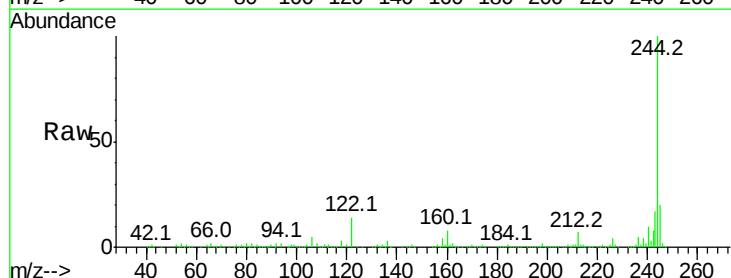
Tgt Ion:244 Resp: 626687

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

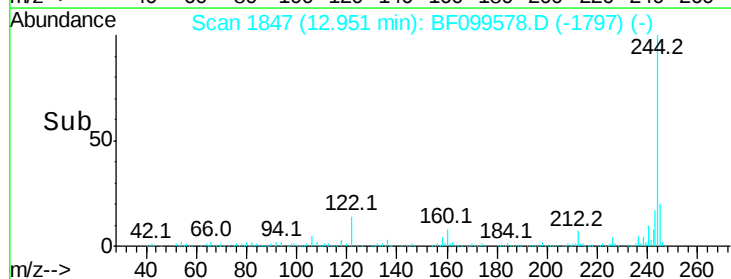
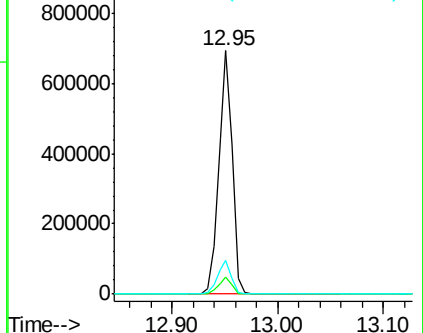
122 13.9 11.0 16.4

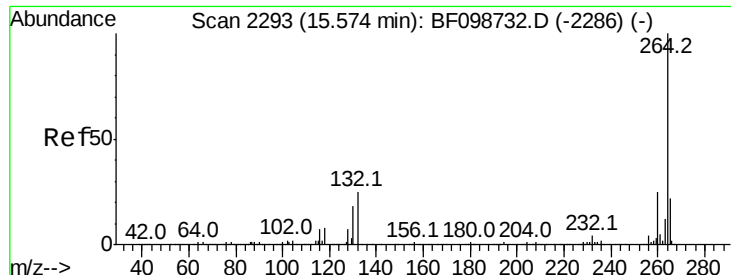


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

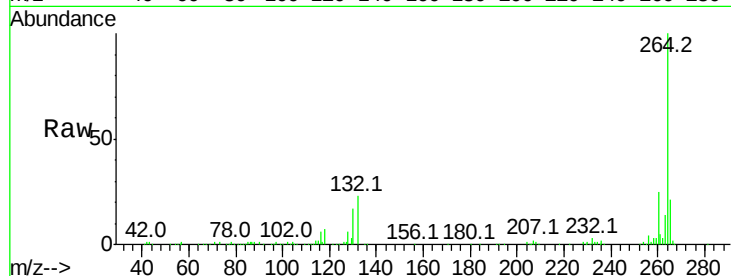




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	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

