

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099478.D
 Acq On : 14 Oct 2017 15:50
 Operator : SJ/JU
 Sample : PB103277BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:04:17 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

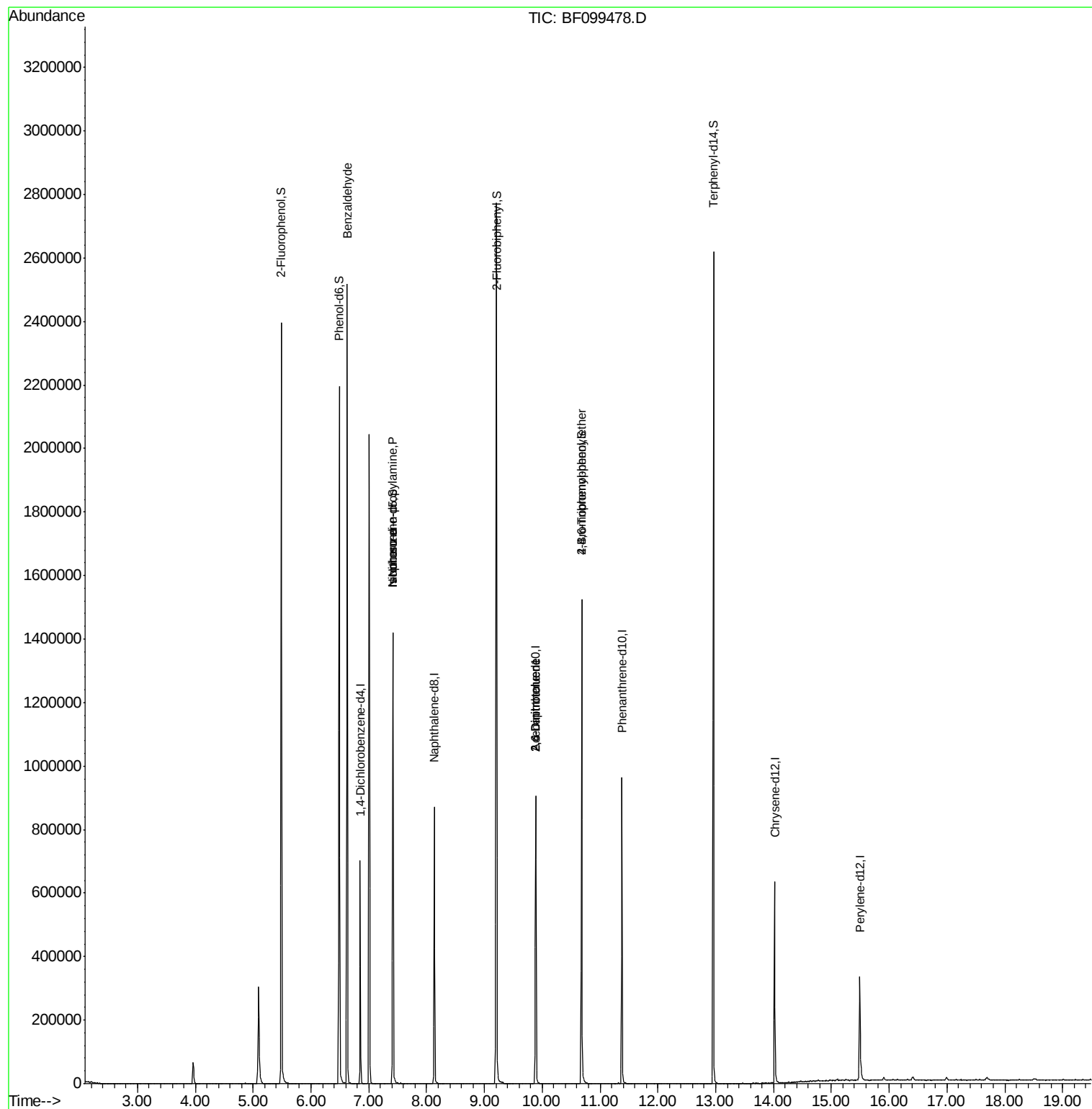
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	412087	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	188098	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	336537	20.00	ng	0.00
75) Chrysene-d12	14.02	240	230796	20.00	ng	0.00
86) Perylene-d12	15.49	264	165625	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	747604	119.82	ng	0.02
7) Phenol-d6	6.49	99	872989	113.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	531758	82.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	183132	118.98	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1021092	90.62	ng	0.00
78) Terphenyl-d14	12.96	244	881379	86.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14255	3.193	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	68176	13.873	ng	# 72
25) Isophorone	7.42	82	531751	40.025	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	23696	7.667	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	23696	5.908	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	11820	3.588	ng	# 1

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

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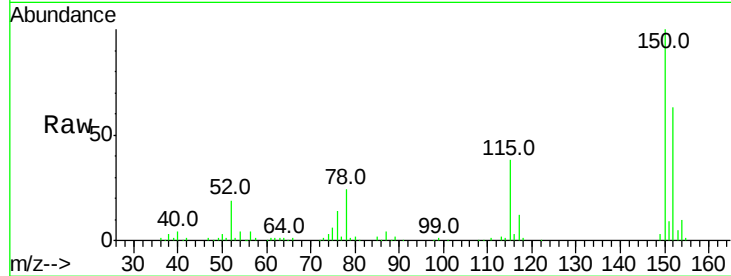


#1

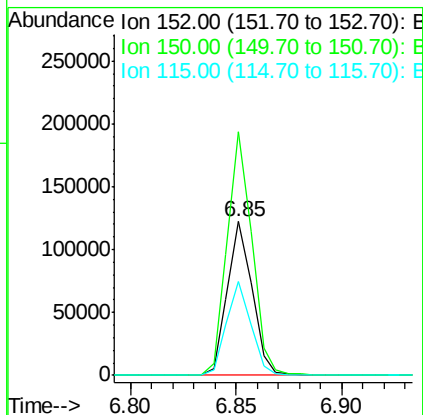
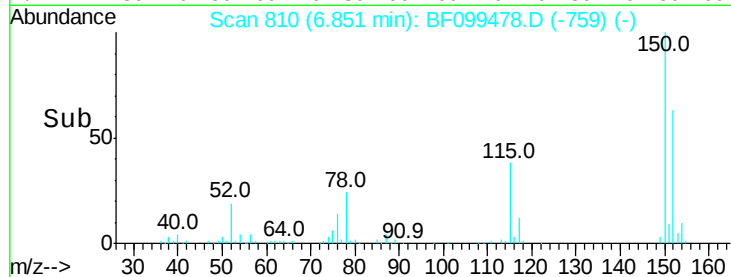
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 99324
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.0 50.1 75.1



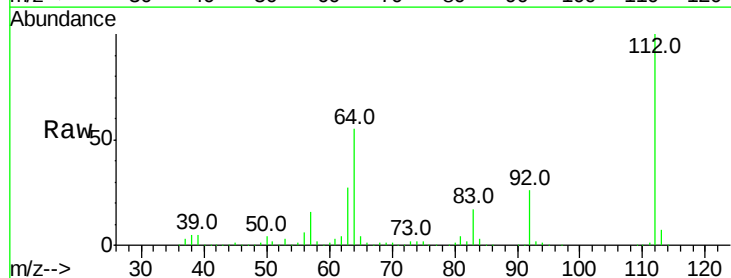
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



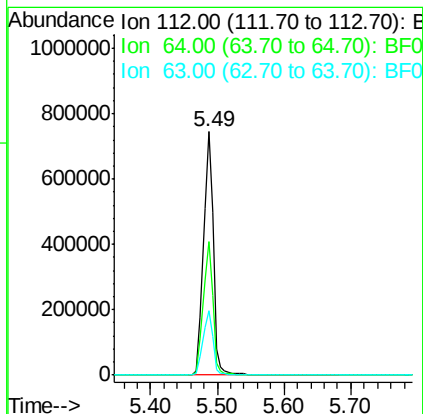
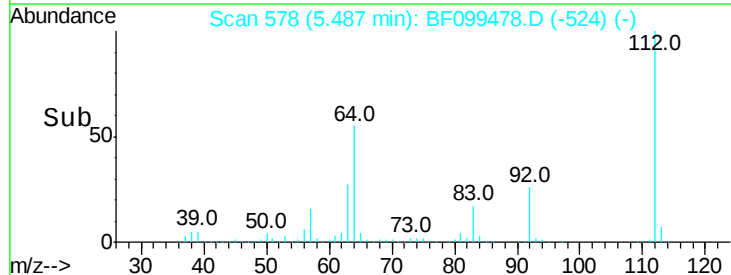
#5

2-Fluorophenol
 Concen: 119.821 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Tgt Ion:112 Resp: 747604
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 26.7 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: 113.421 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

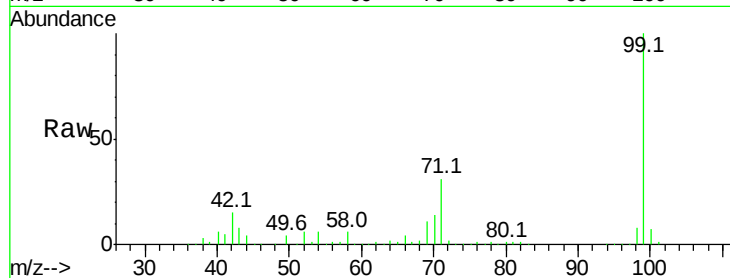
Tot Ion: 99 Resp: 872989

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

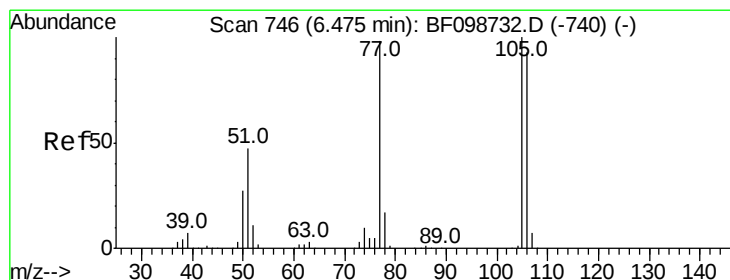
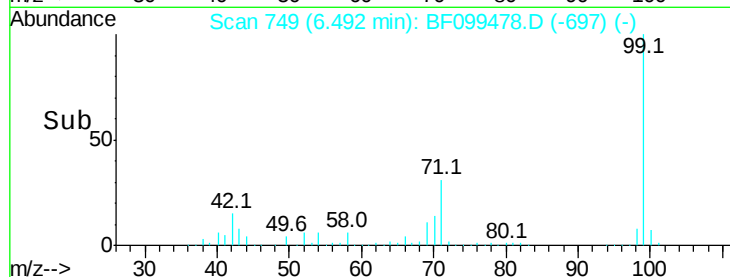
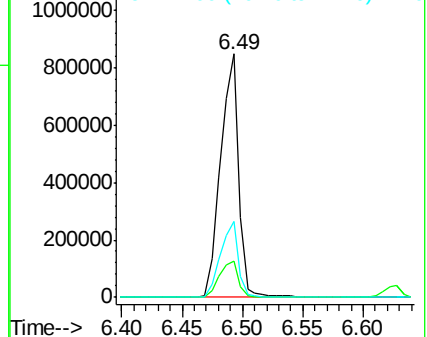
71 31.1 25.4 38.0



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: 3.193 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

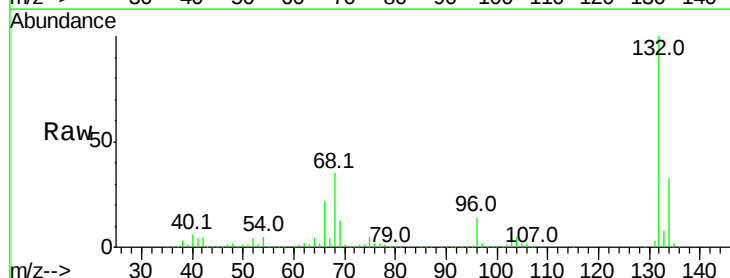
Tgt Ion: 77 Resp: 14255

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

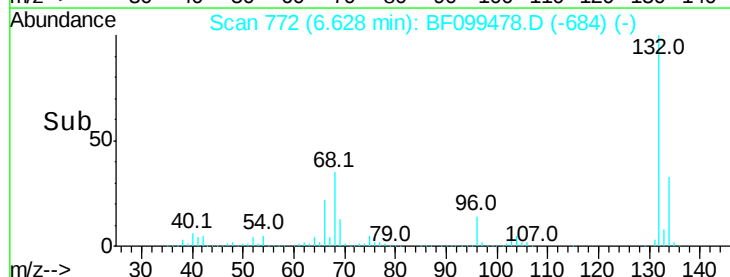
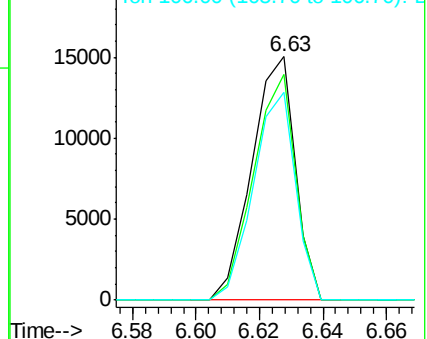
106 85.3 74.5 114.5

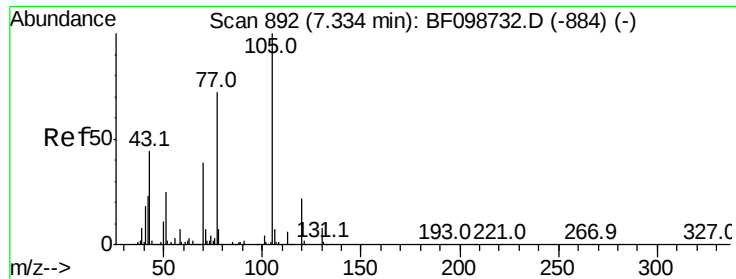


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

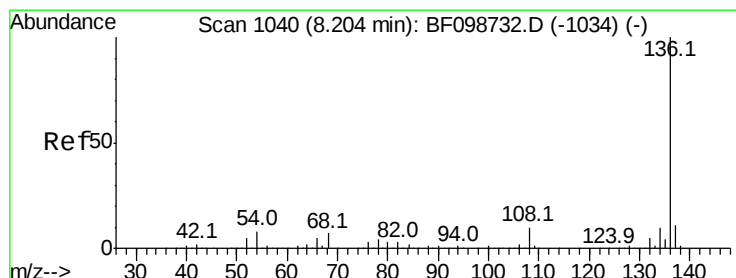
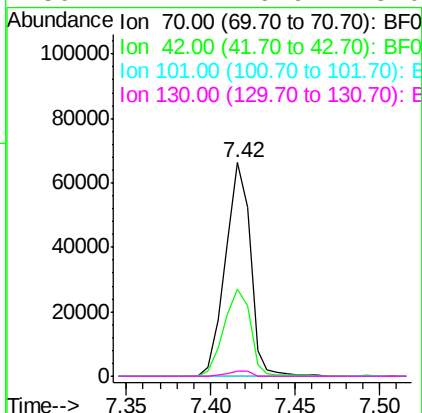
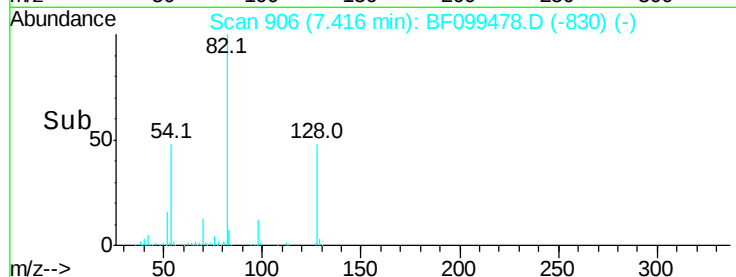
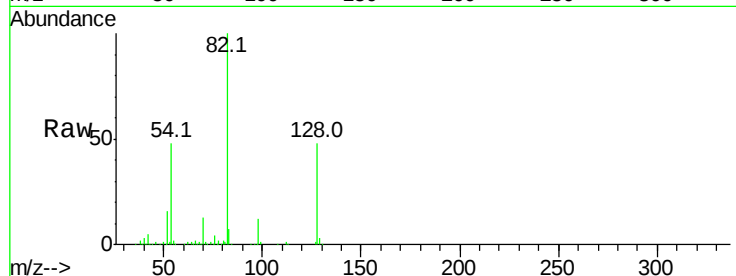




#19
n-Nitroso-di-n-propylamine
Concen: 13.873 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099478.D
Acq: 14 Oct 2017 15:50

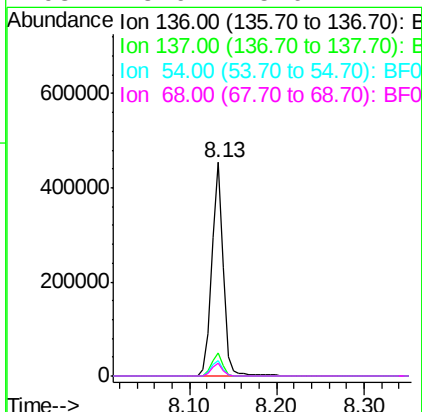
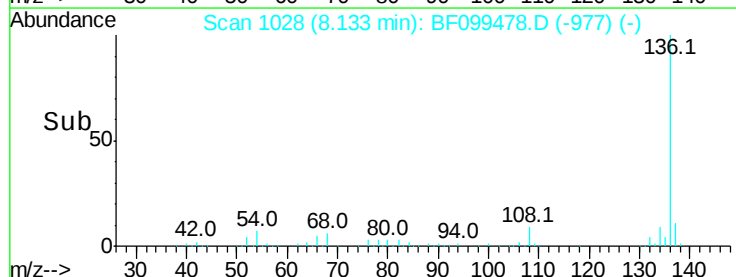
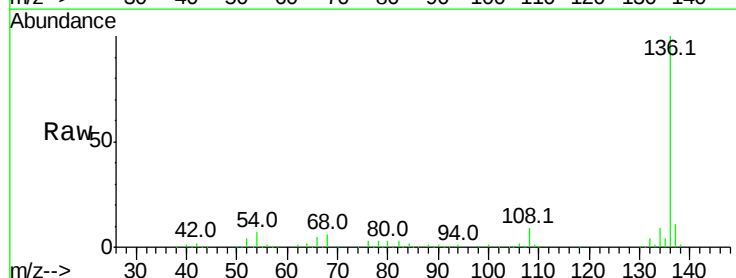
Instrument :
BNA_F
ClientSampleId :

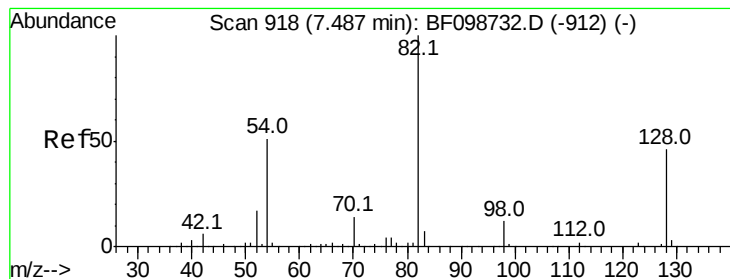
Tot Ion: 70 Resp: 68176
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099478.D
Acq: 14 Oct 2017 15:50

Tgt Ion: 136 Resp: 412087
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.754 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

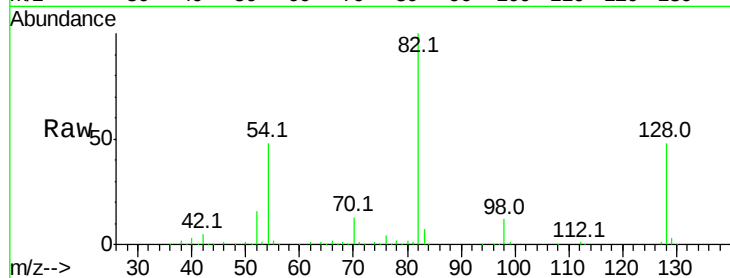
Tot Ion: 82 Resp: 531758

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

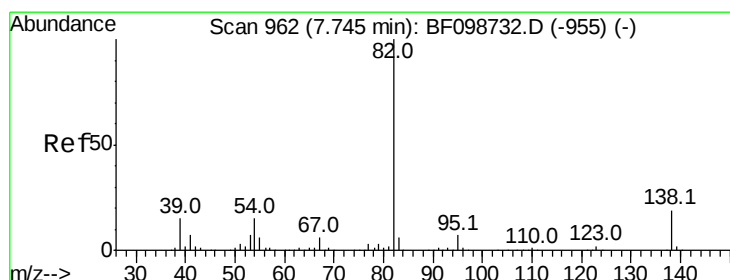
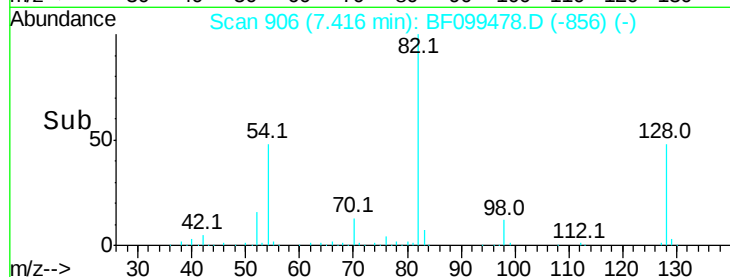
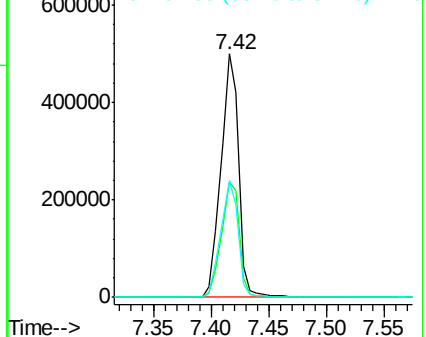
54 48.1 41.4 62.2



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: 40.025 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

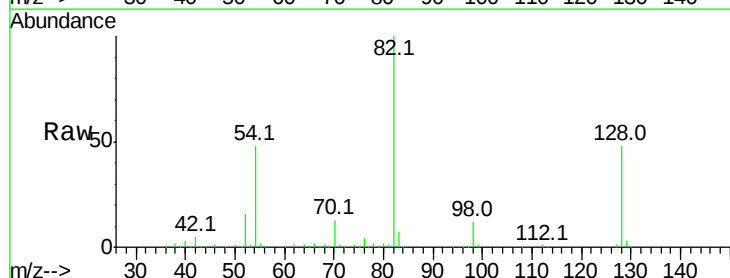
Tgt Ion: 82 Resp: 531751

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

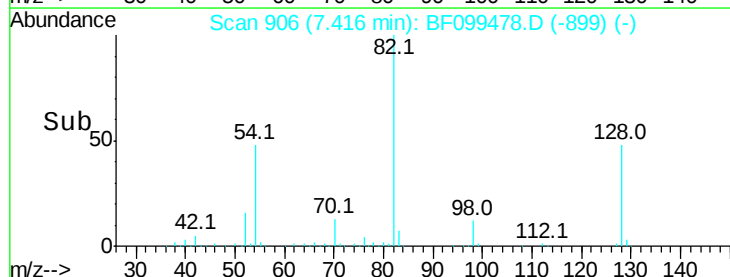
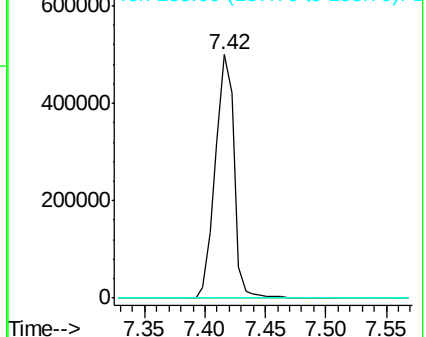
138 0.0 14.9 22.3#



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

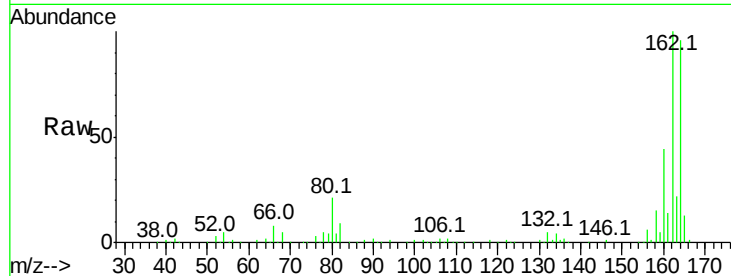




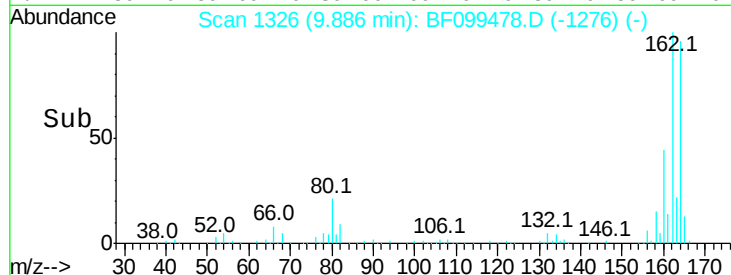
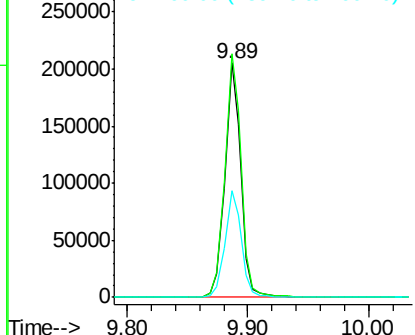
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099478.D
Acq: 14 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 188098
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.6 38.3 57.5

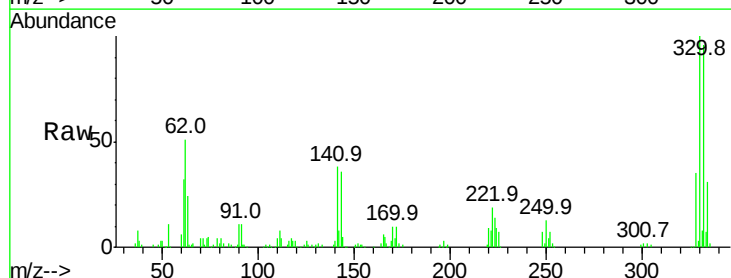


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

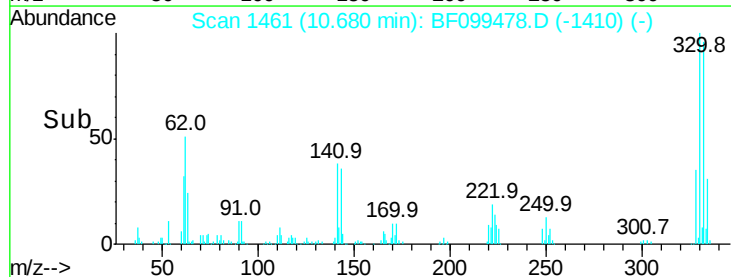
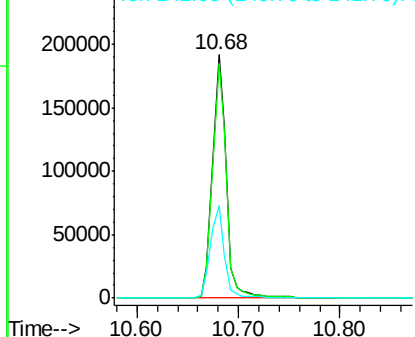


#41
2,4,6-Tribromophenol
Concen: 118.982 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099478.D
Acq: 14 Oct 2017 15:50

Tgt Ion:330 Resp: 183132
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 39.1 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



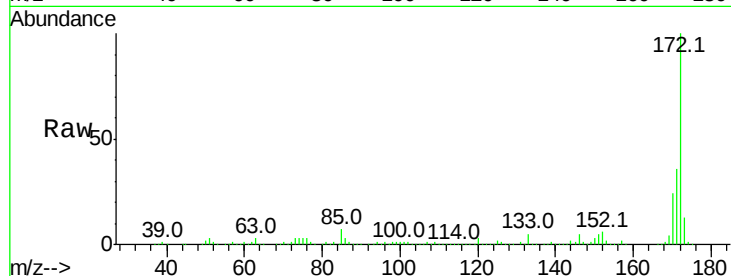


#44
 2-Fluorobiphenyl
 Concen: 90.624 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

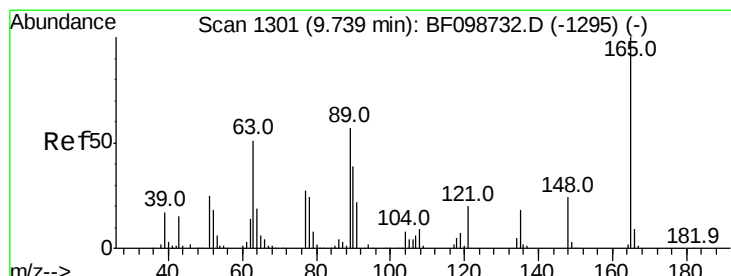
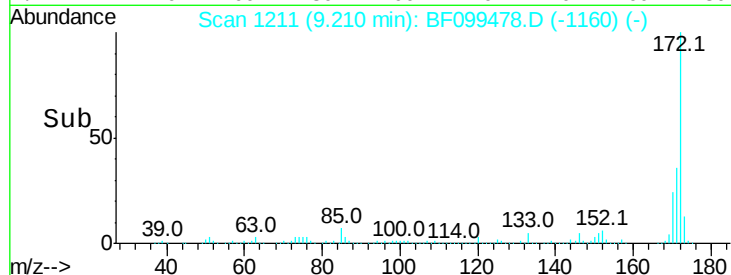
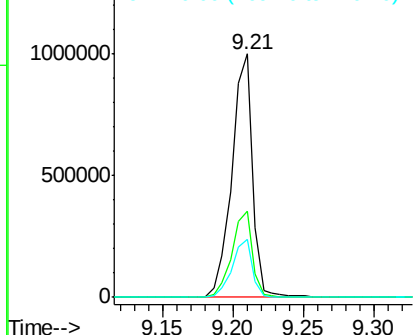
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1021092

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4



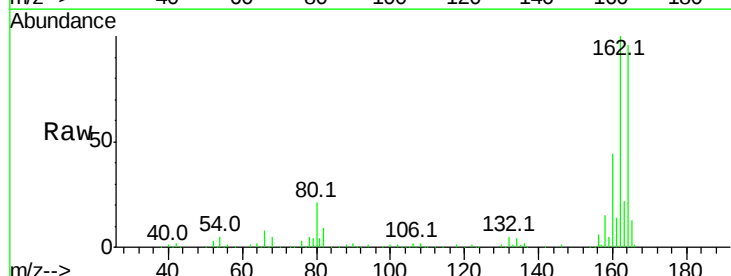
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



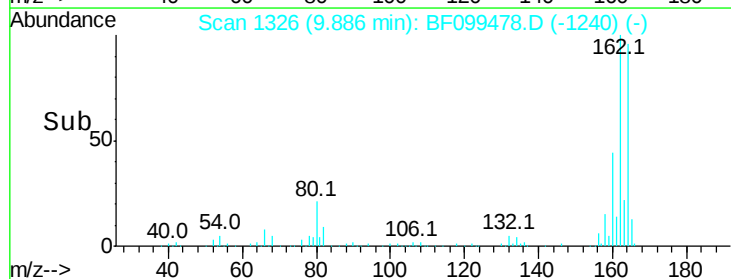
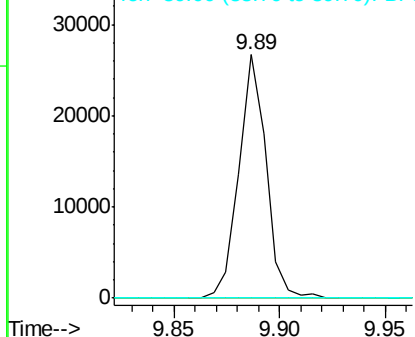
#50
 2,6-Dinitrotoluene
 Concen: 7.667 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Tgt Ion:165 Resp: 23696

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

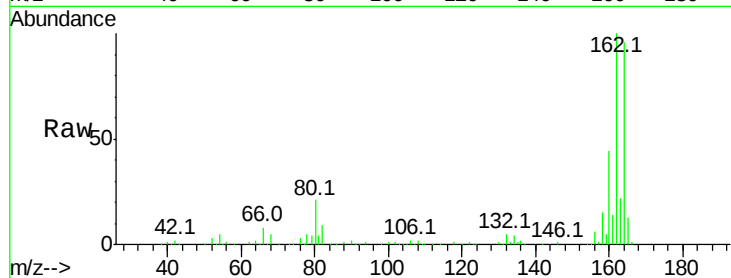




#56
 2,4-Dinitrotoluene
 Concen: 5.908 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23696
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

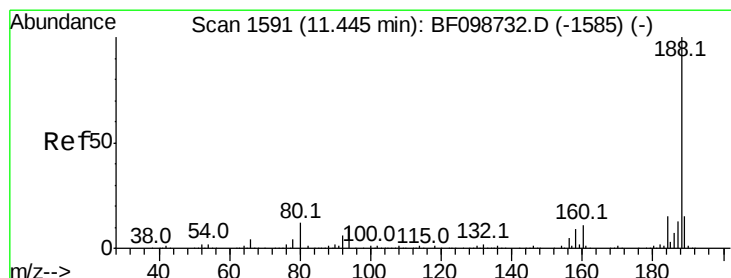
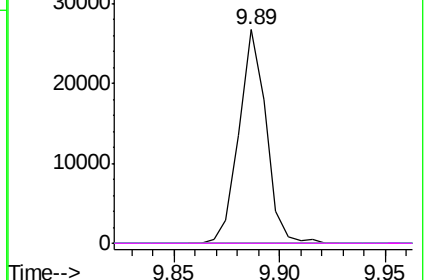
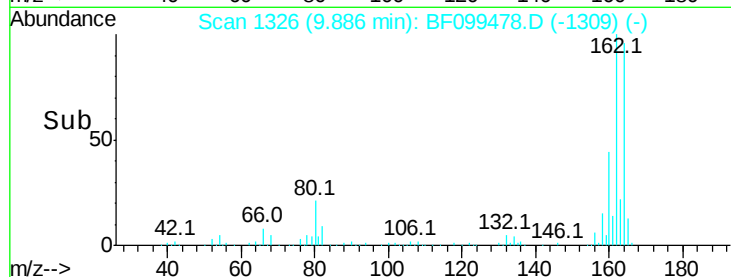


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

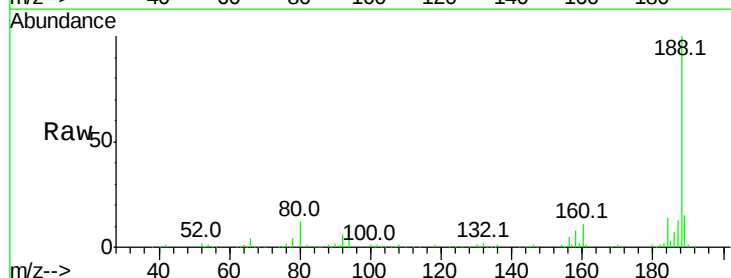
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099478.D
 Acq: 14 Oct 2017 15:50

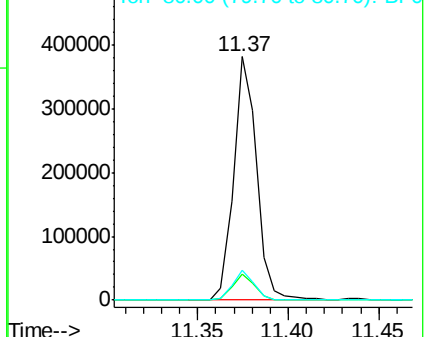
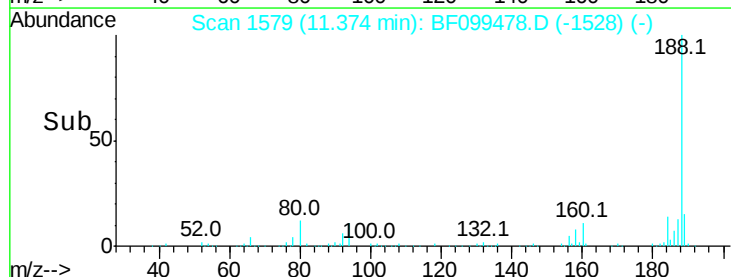
Tgt Ion:188	Resp:	336537
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.5 12.7
80	12.1	9.2 13.8

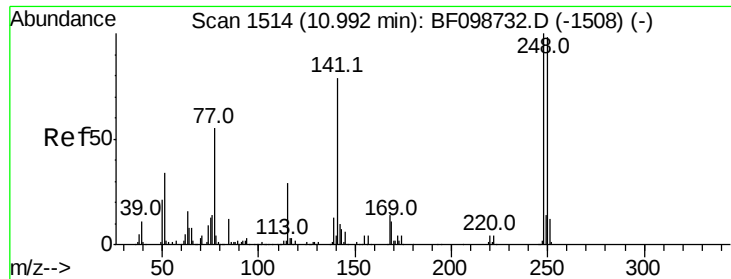


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

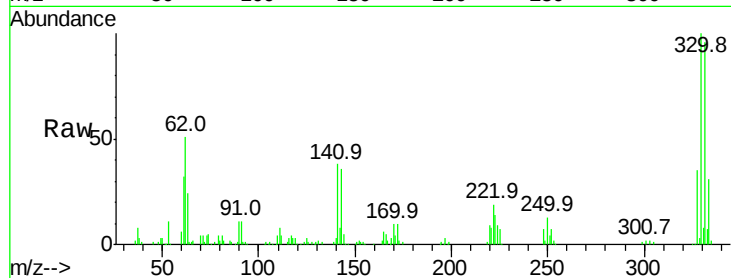




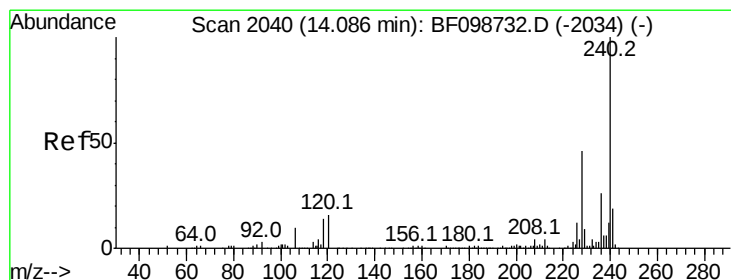
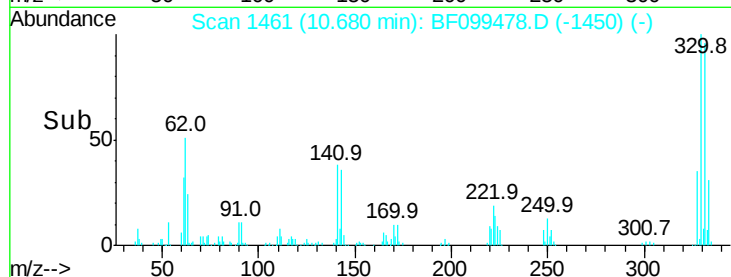
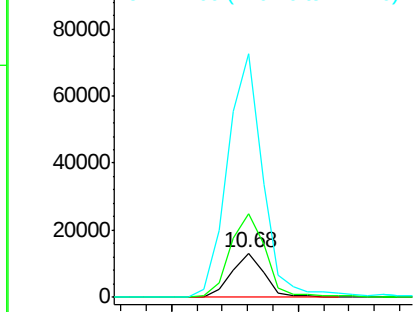
#66
4-Bromophenyl-phenylether
Concen: 3.588 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099478.D
Acq: 14 Oct 2017 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11820
Ion Ratio Lower Upper
248 100
250 189.3 76.9 115.3#
141 548.0 74.4 111.6#

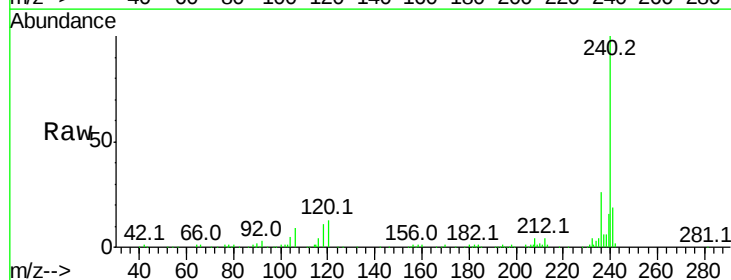


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

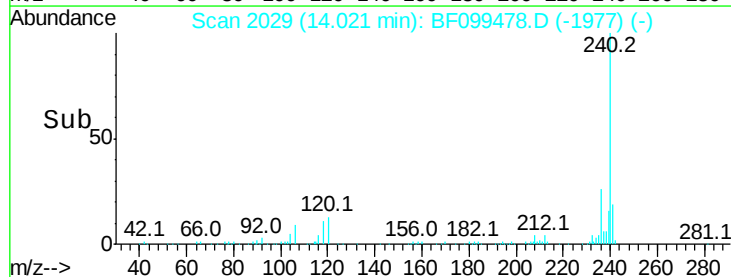
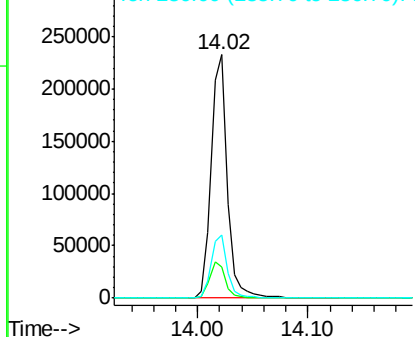


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099478.D
Acq: 14 Oct 2017 15:50

Tgt Ion:240 Resp: 230796
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 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: 86.849 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

Instrument :

BNA_F

ClientSampled :

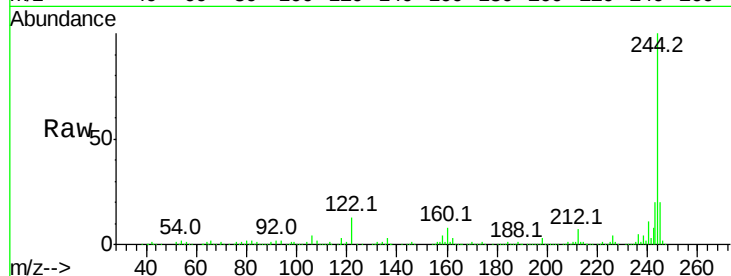
Tot Ion:244 Resp: 881379

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

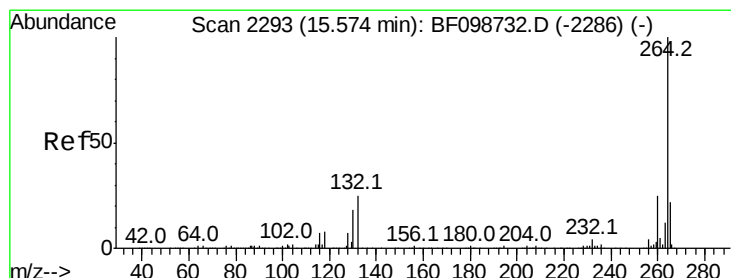
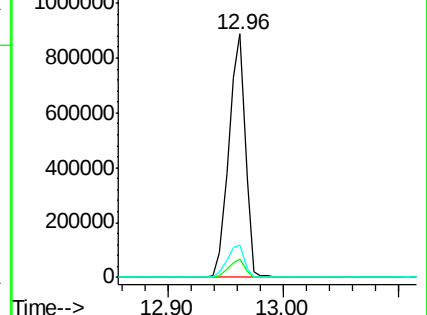
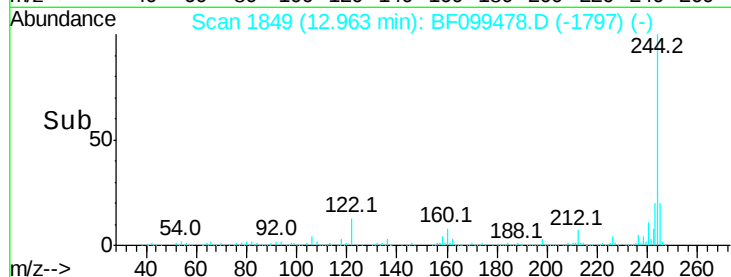
122 13.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099478.D

Acq: 14 Oct 2017 15:50

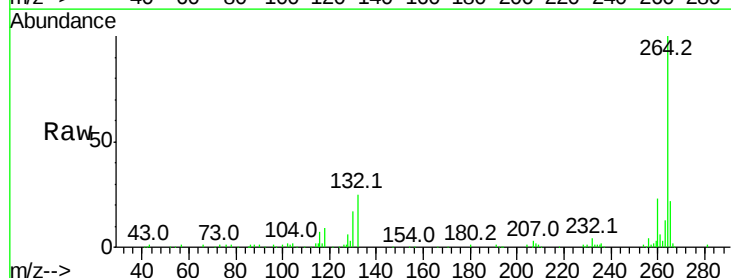
Tgt Ion:264 Resp: 165625

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 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

