

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099480.D
 Acq On : 14 Oct 2017 16:47
 Operator : SJ/JU
 Sample : PB103259BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:05:15 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

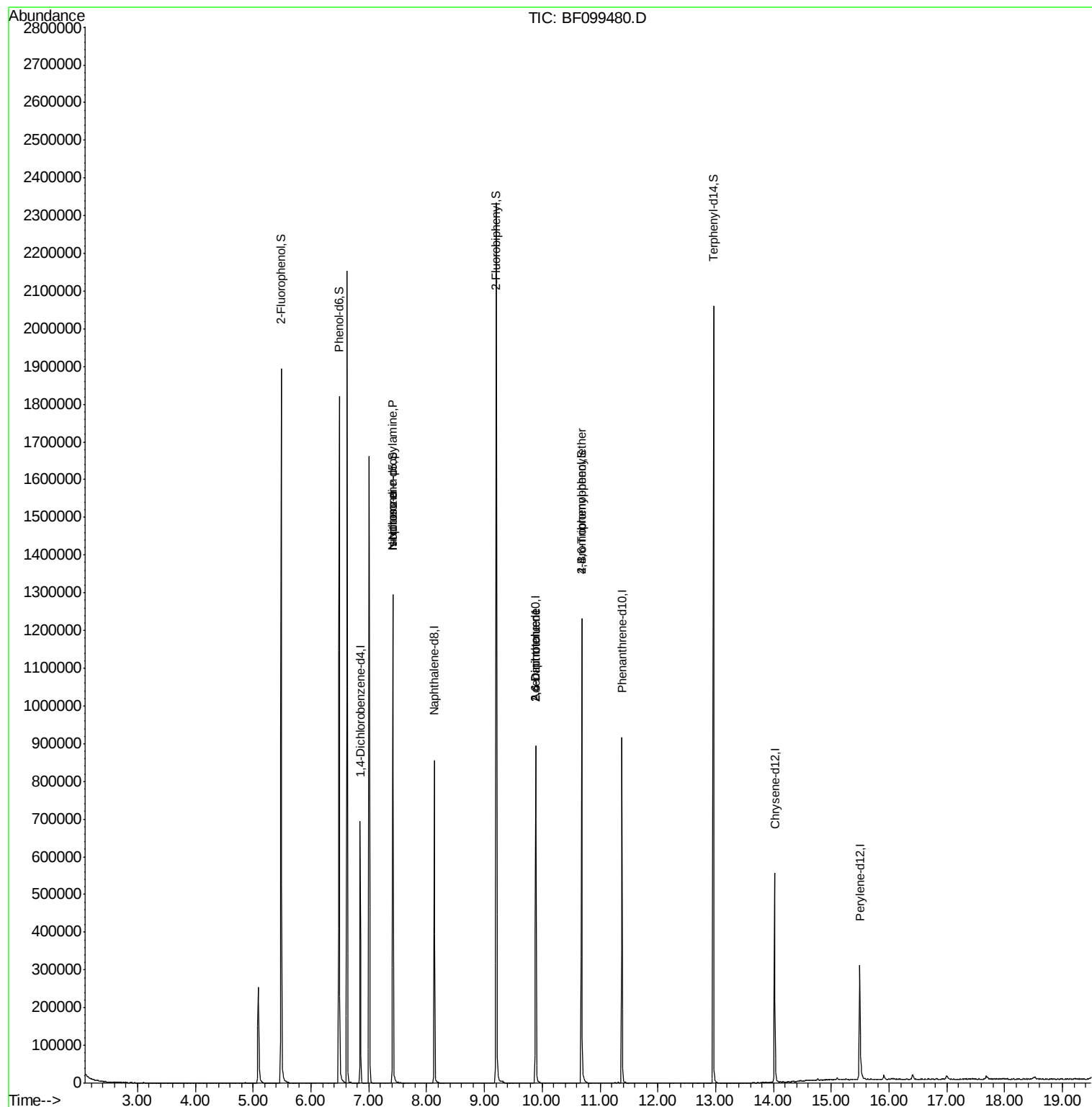
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97991	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400797	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185480	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	325952	20.00	ng	0.00
75) Chrysene-d12	14.02	240	207727	20.00	ng	0.00
86) Perylene-d12	15.49	264	156580	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	629515	102.27	ng	0.02
7) Phenol-d6	6.49	99	742007	97.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	439555	70.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	146809	96.73	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	859165	77.33	ng	0.00
78) Terphenyl-d14	12.96	244	727621	79.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	55641	11.477	ng	# 73
25) Isophorone	7.42	82	439551	34.017	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	22696	7.447	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	22696	5.738	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	9538	2.989	ng	# 1

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

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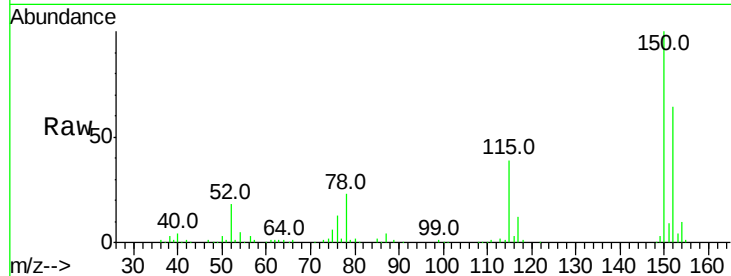


#1

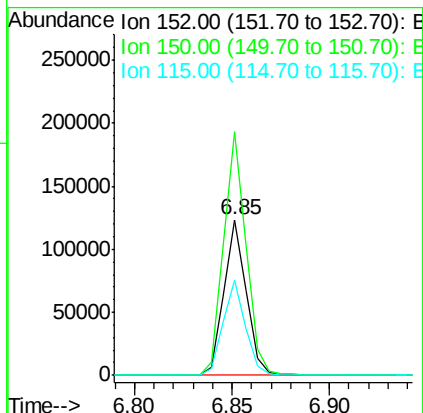
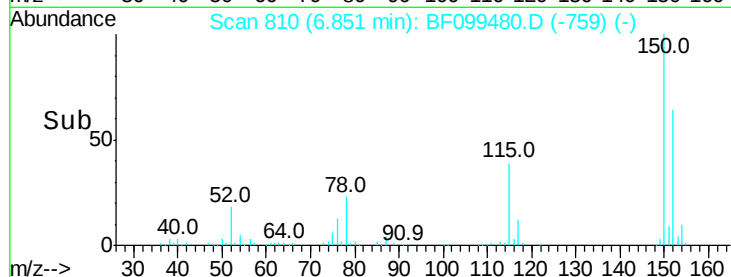
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 97991
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 61.0 50.1 75.1



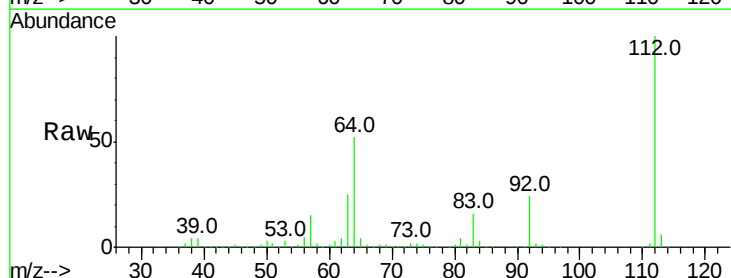
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



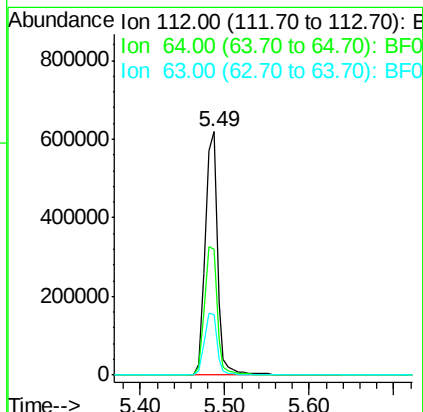
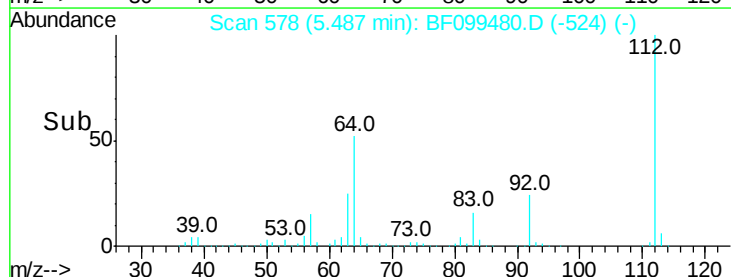
#5

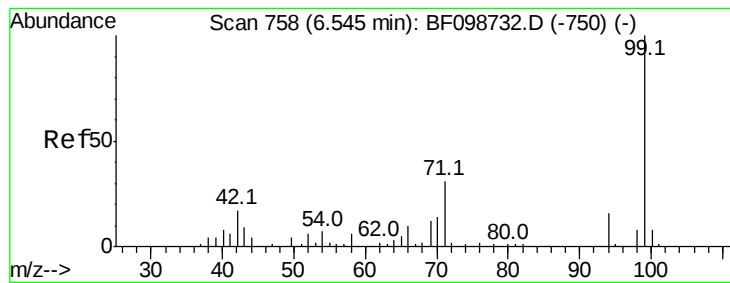
2-Fluorophenol
 Concen: 102.267 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Tgt Ion:112 Resp: 629515
 Ion Ratio Lower Upper
 112 100
 64 51.5 47.9 71.9
 63 25.1 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: 97.714 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampleId :

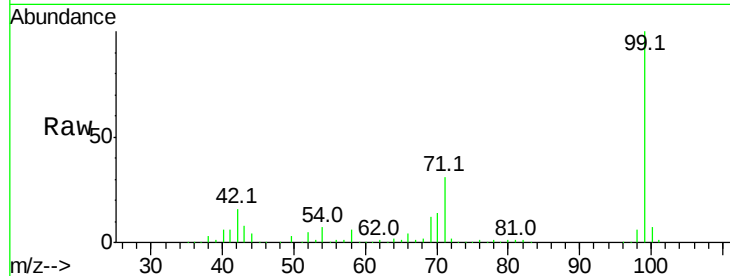
Tot Ion: 99 Resp: 742007

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

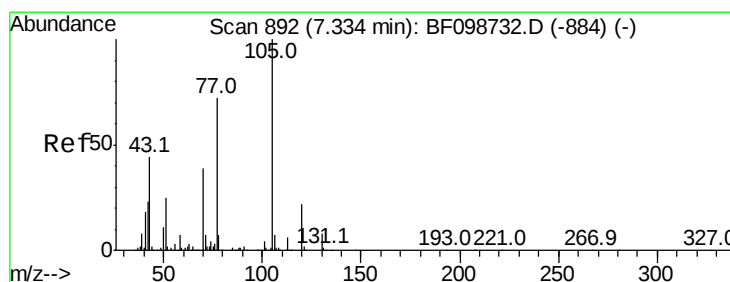
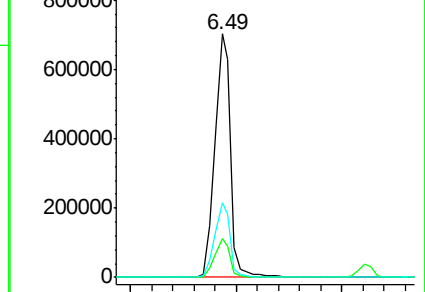
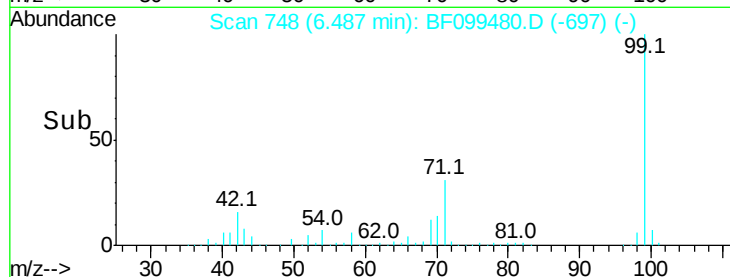
71 30.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.477 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

Tgt Ion: 70 Resp: 55641

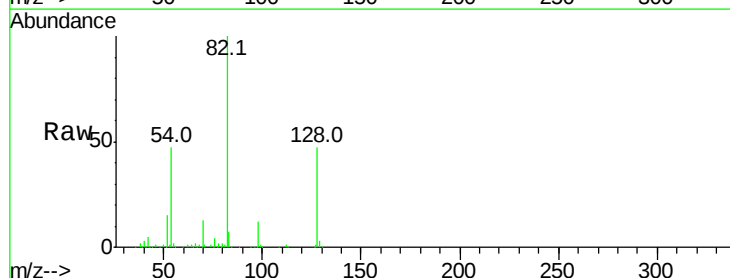
Ion Ratio Lower Upper

70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

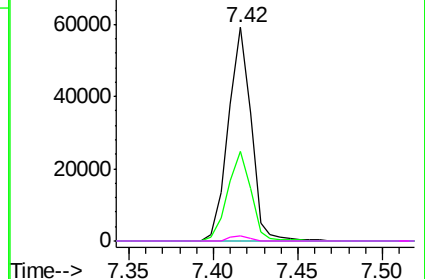
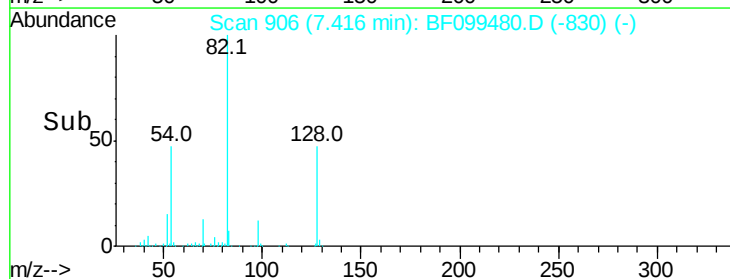


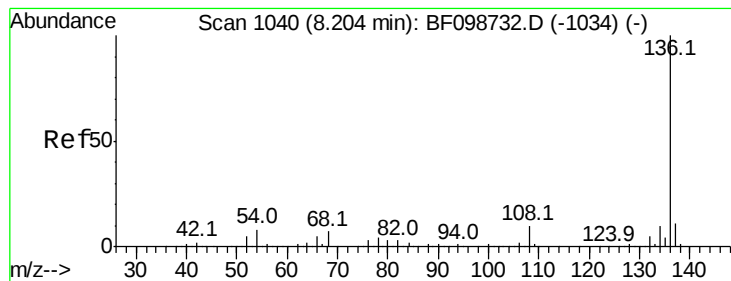
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 400797

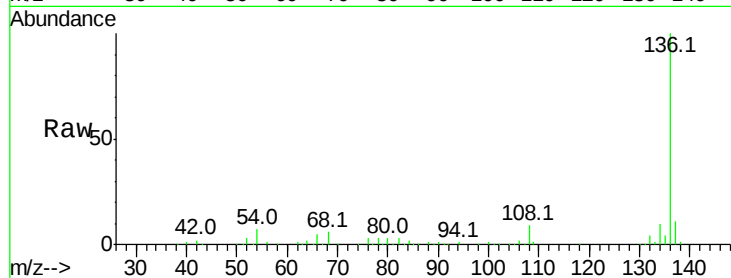
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

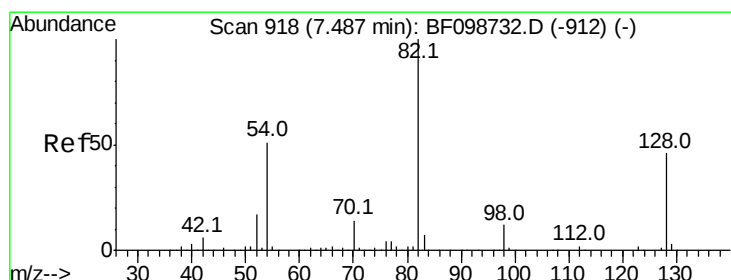
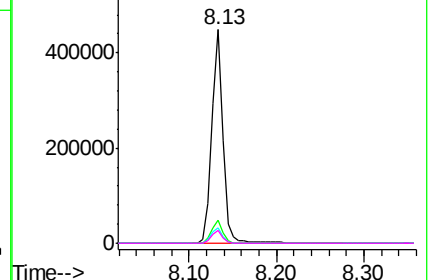
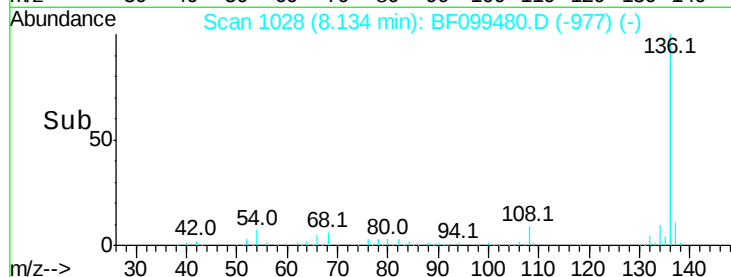


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.332 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

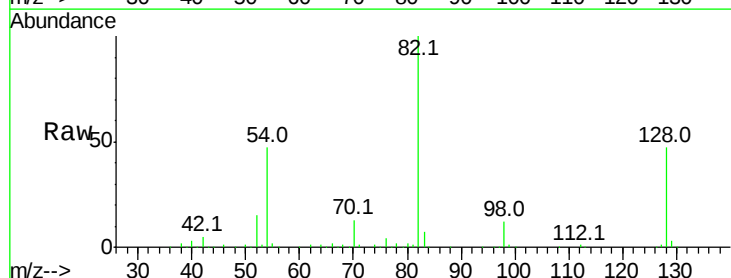
Tgt Ion: 82 Resp: 439555

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

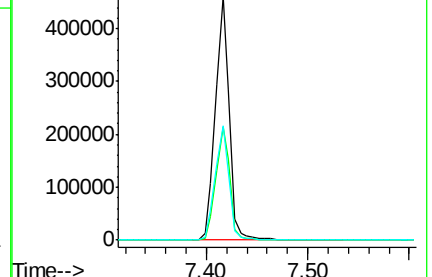
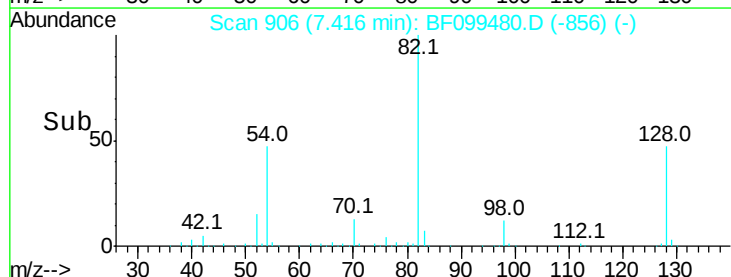
54 46.9 41.4 62.2

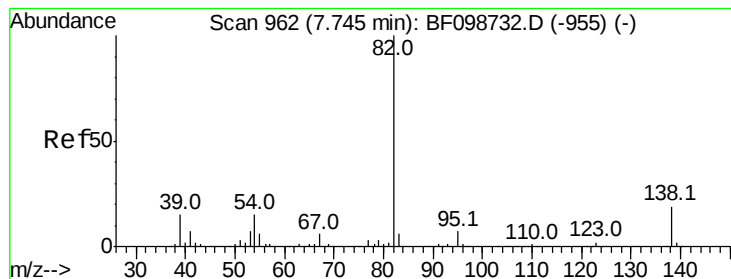


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.017 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampleId :

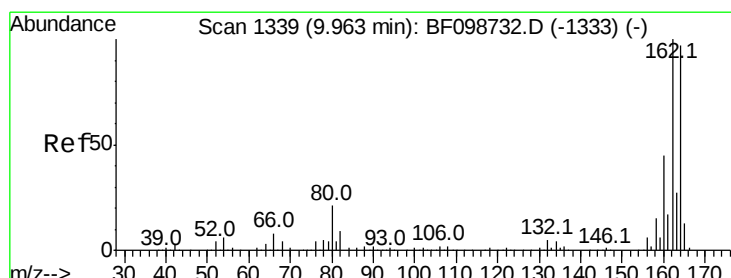
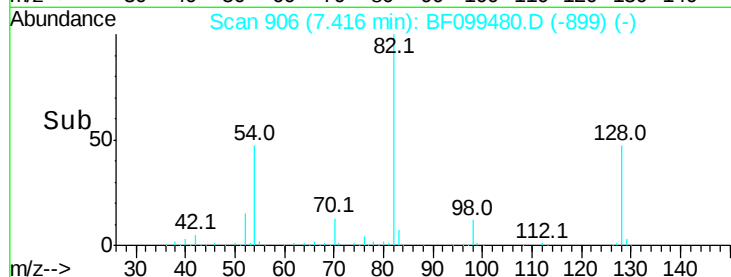
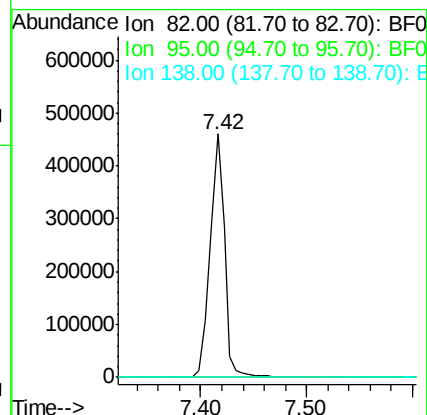
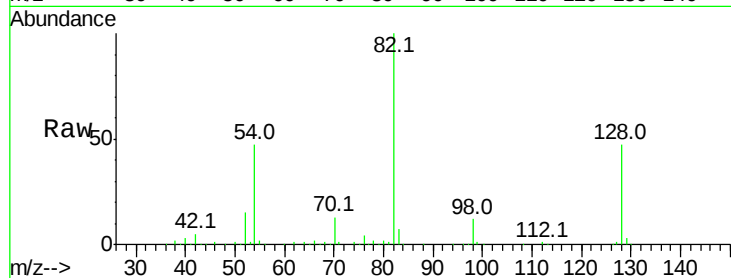
Tot Ion: 82 Resp: 439551

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

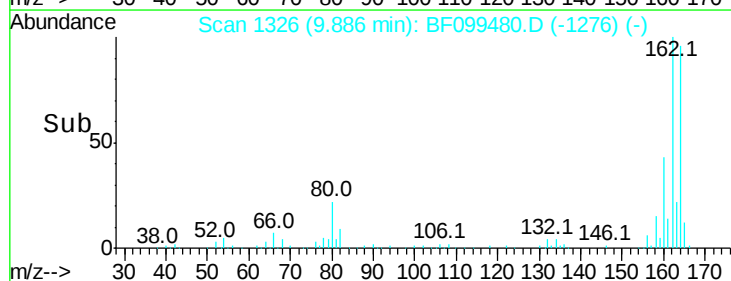
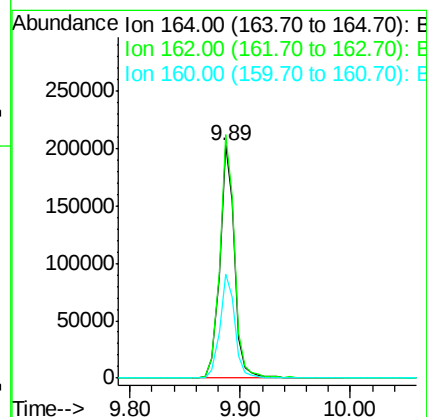
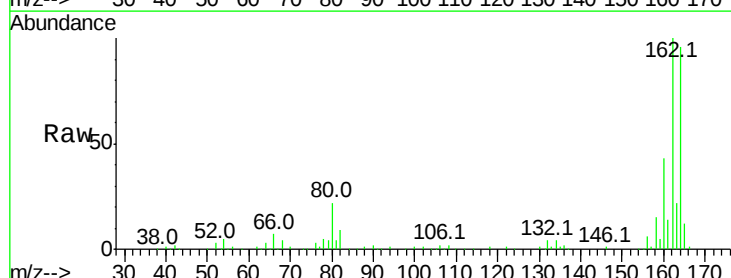
Tgt Ion:164 Resp: 185480

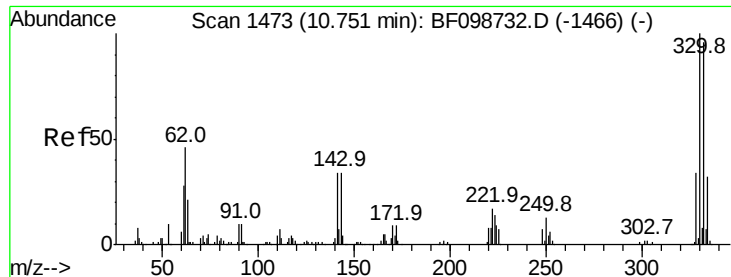
Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

160 44.8 38.3 57.5

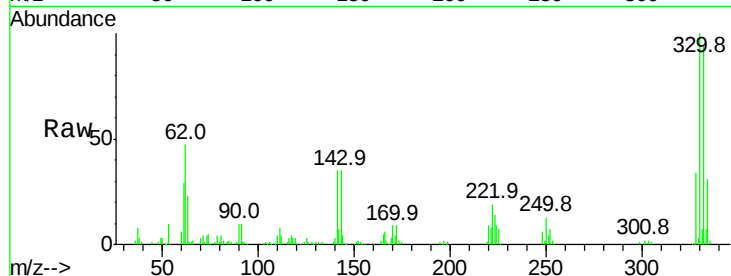




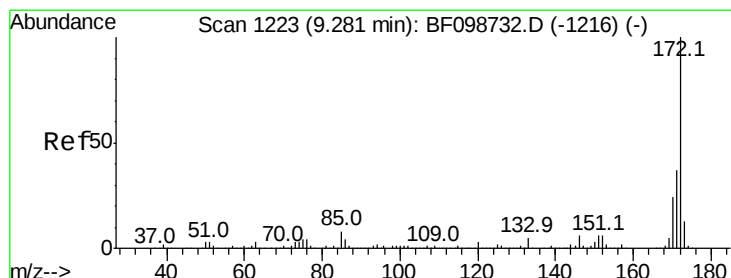
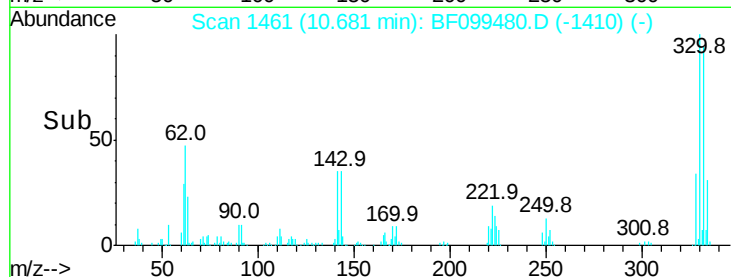
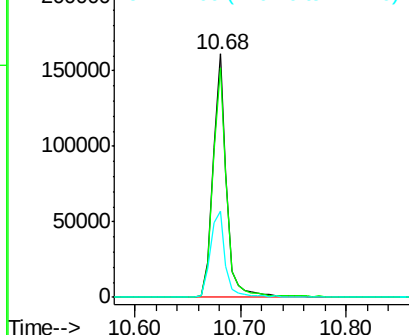
#41
 2,4,6-Tribromophenol
 Concen: 96.729 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146809
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 39.2 29.9 44.9

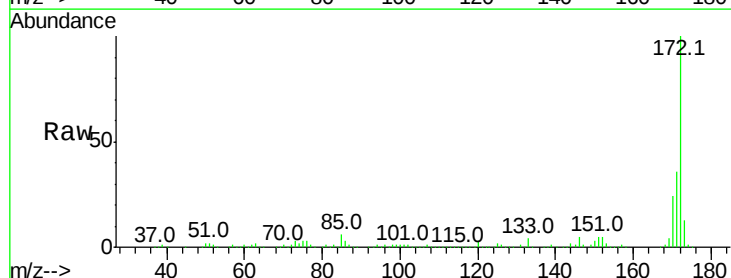


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

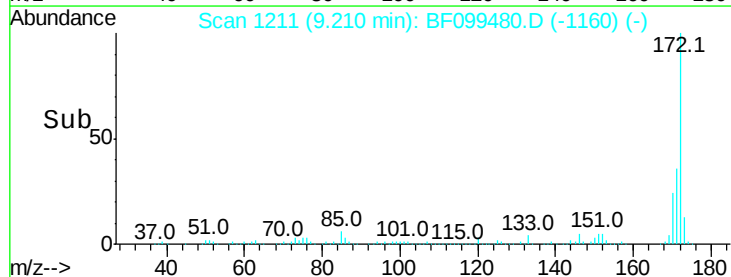
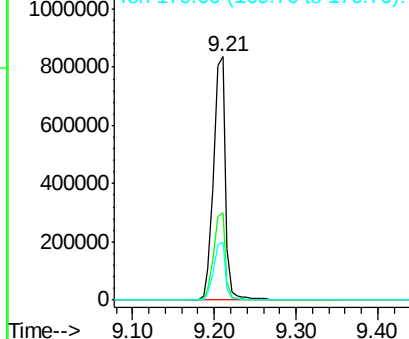


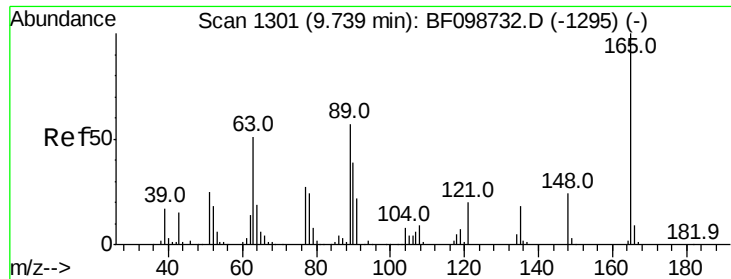
#44
 2-Fluorobiphenyl
 Concen: 77.329 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Tgt Ion:172 Resp: 859165
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 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

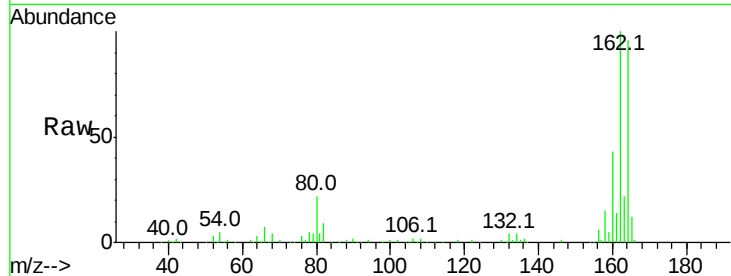




#50
2,6-Dinitrotoluene
Concen: 7.447 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099480.D
Acq: 14 Oct 2017 16:47

Instrument :
BNA_F
ClientSampleId :

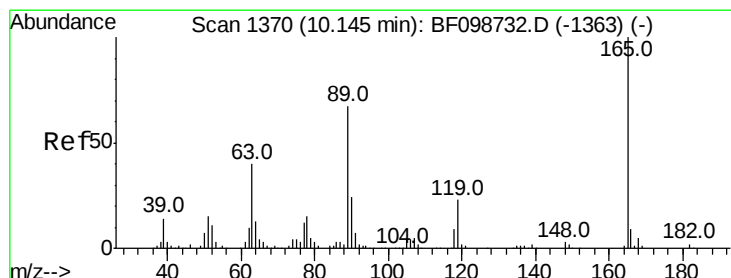
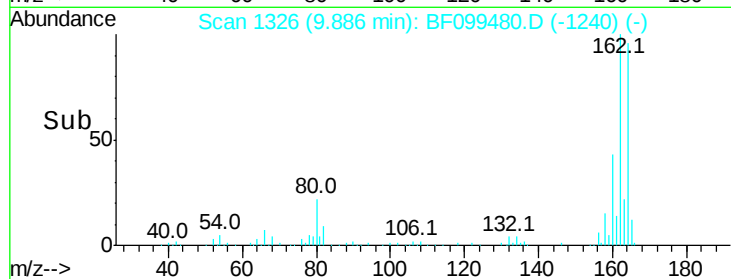
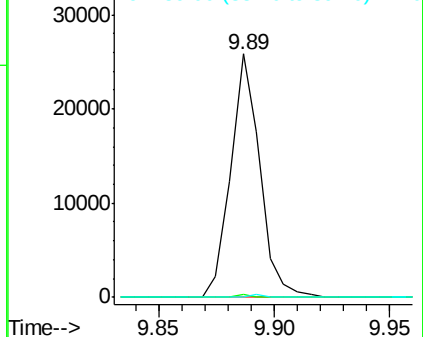
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.738 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099480.D
Acq: 14 Oct 2017 16:47

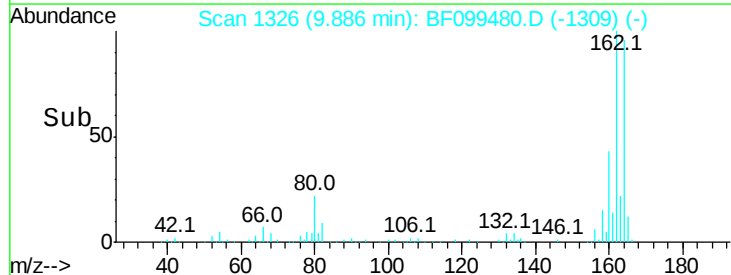
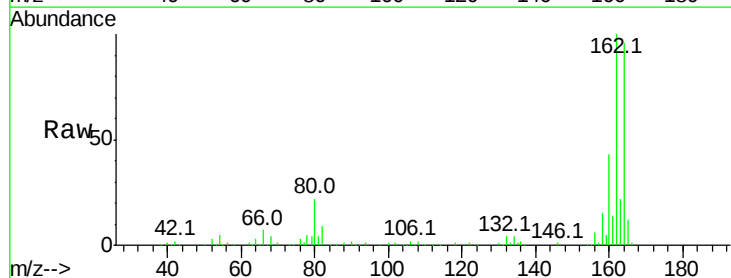
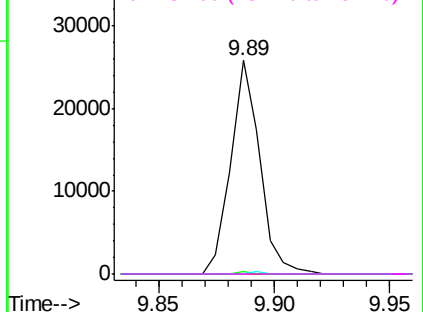
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

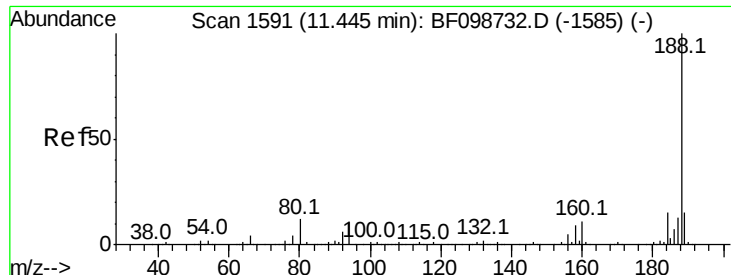
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampled :

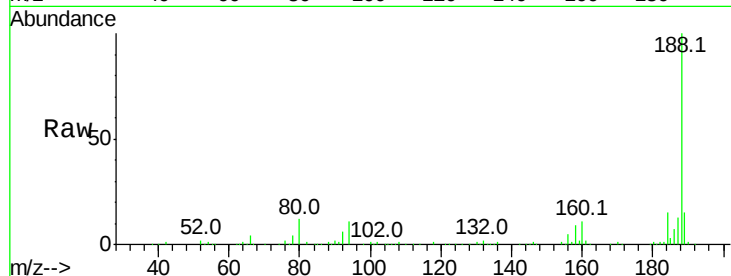
Tot Ion:188 Resp: 325952

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

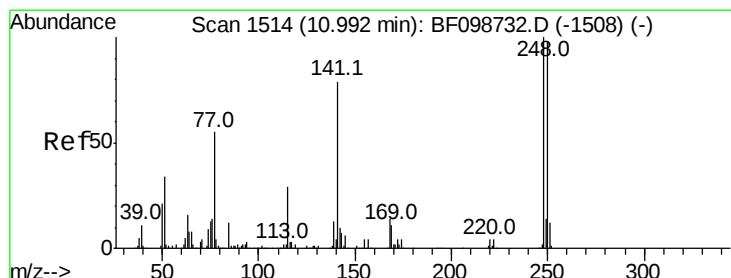
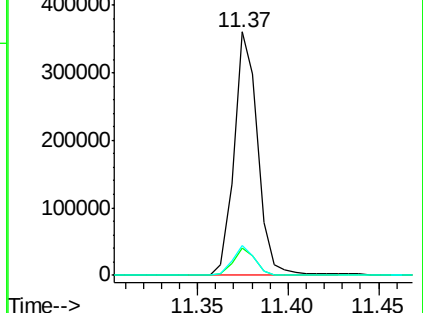
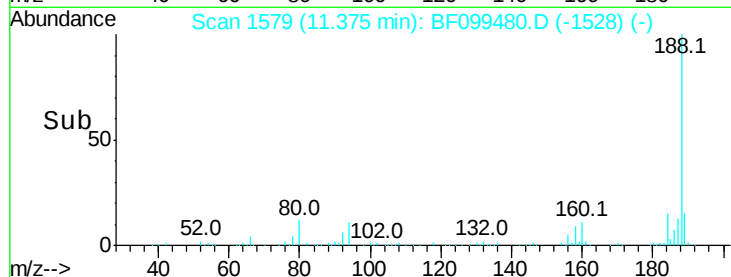
80 12.2 9.2 13.8



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: 2.989 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.24 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

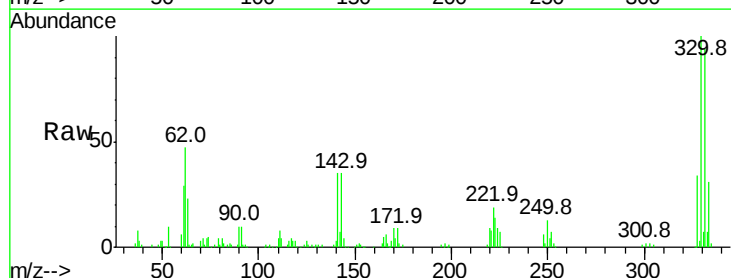
Tgt Ion:248 Resp: 9538

Ion Ratio Lower Upper

248 100

250 203.5 76.9 115.3#

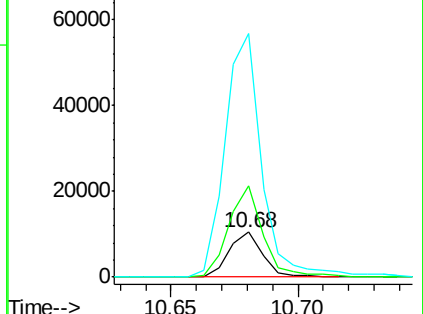
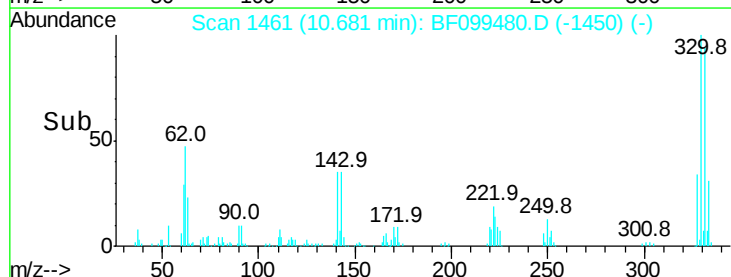
141 542.2 74.4 111.6#

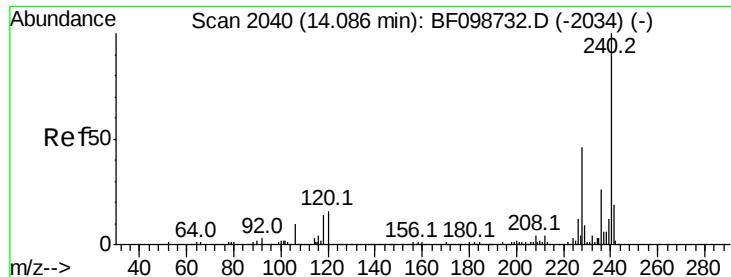


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampled :

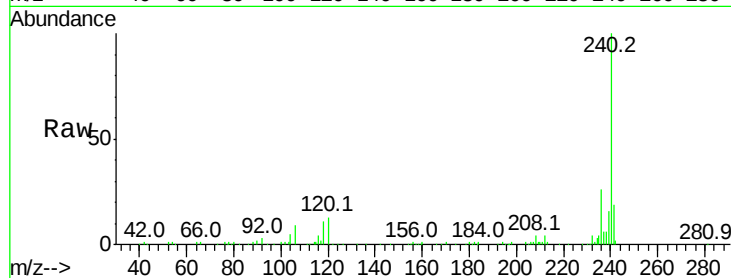
Tot Ion:240 Resp: 207727

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

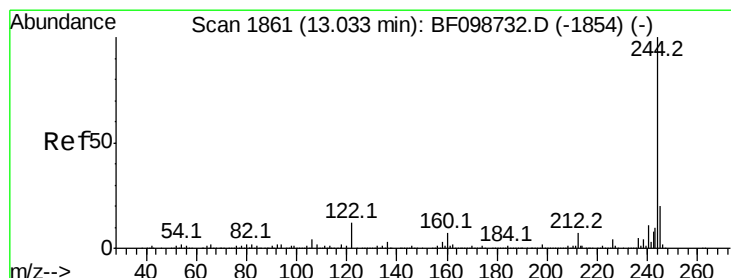
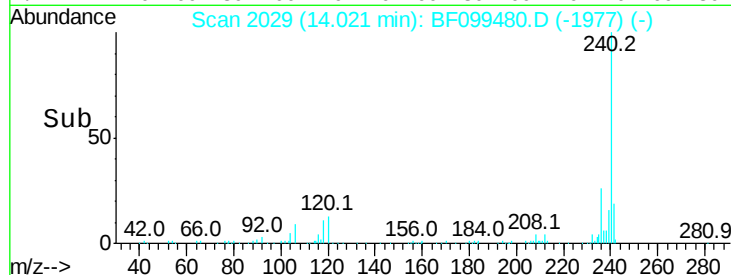
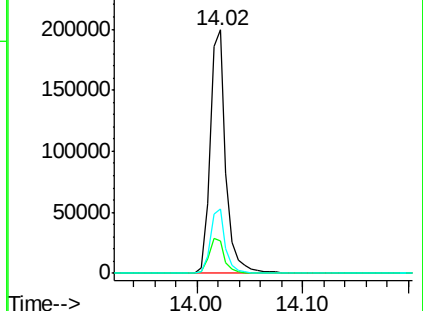
236 26.5 20.7 31.1



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: 79.660 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

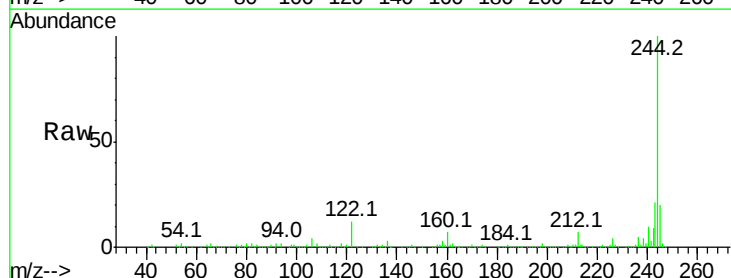
Tgt Ion:244 Resp: 727621

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

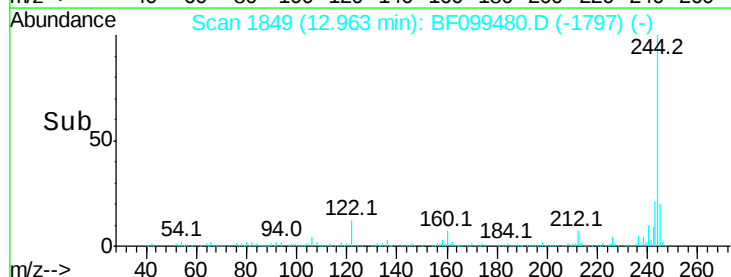
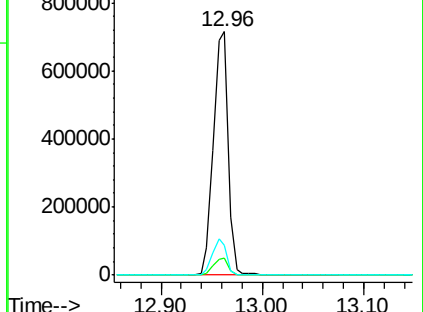
122 12.4 11.0 16.4

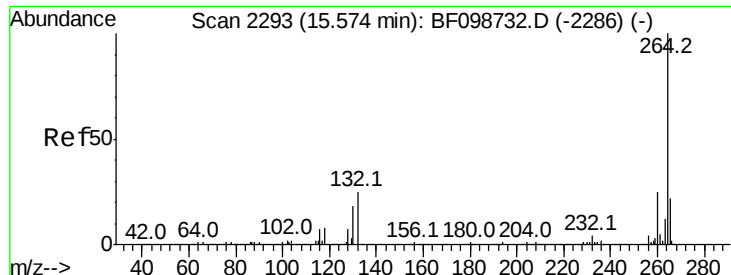


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

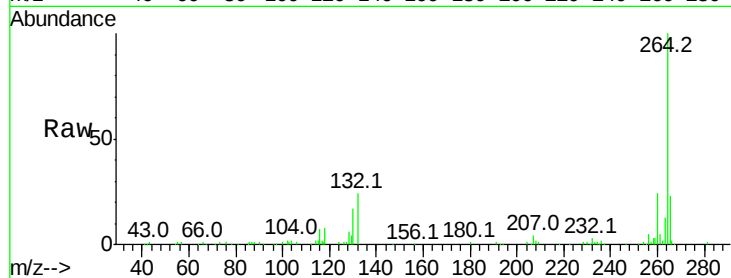




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099480.D
Acq: 14 Oct 2017 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.0	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

