

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099476.D
 Acq On : 14 Oct 2017 14:55
 Operator : SJ/JU
 Sample : PB103186BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:03:19 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

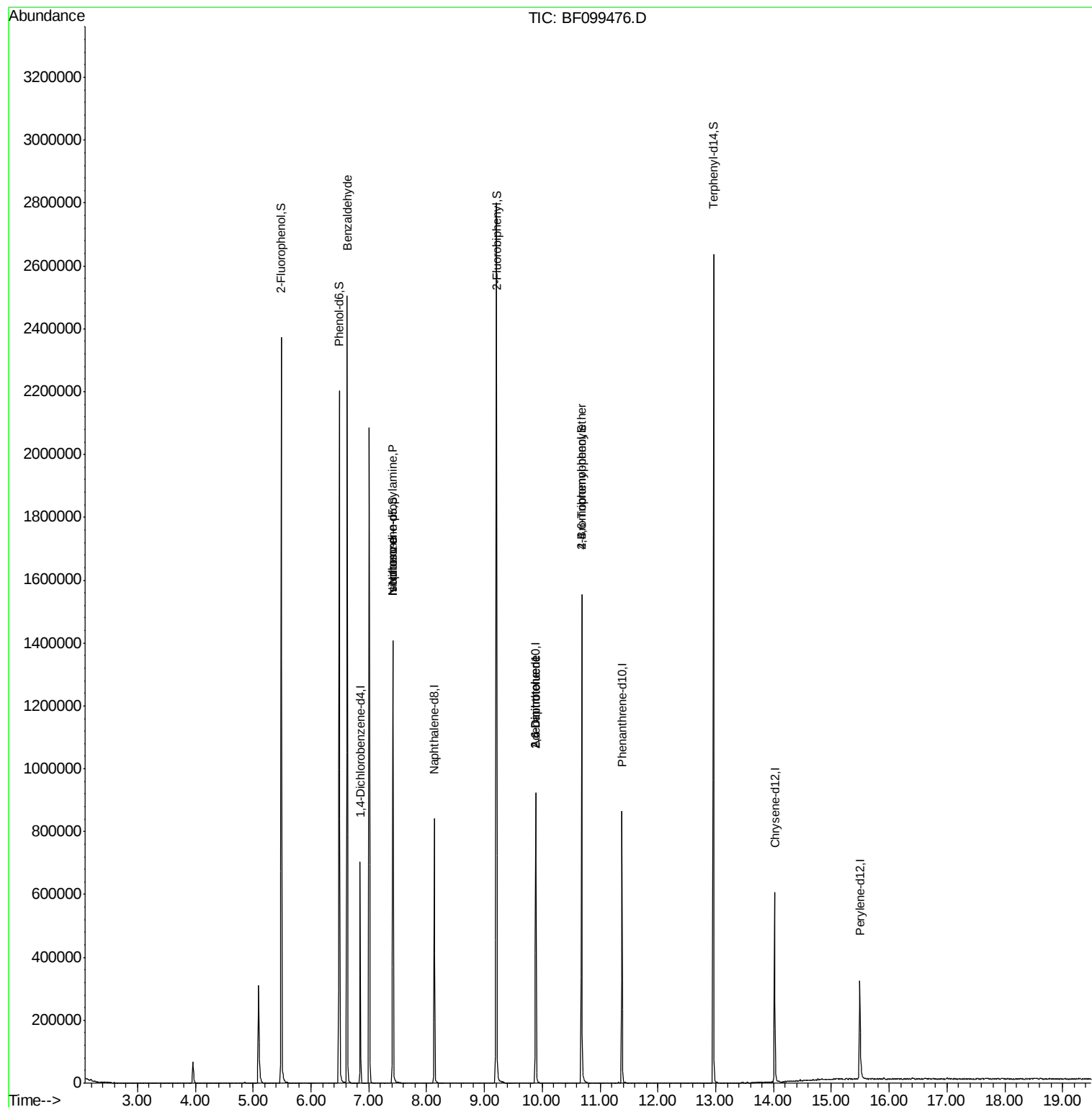
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99650	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	406874	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185250	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	330385	20.00	ng	0.00
75) Chrysene-d12	14.02	240	216947	20.00	ng	0.00
86) Perylene-d12	15.49	264	161412	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	739699	118.17	ng	0.02
7) Phenol-d6	6.49	99	862876	111.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	528717	83.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	190314	125.55	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1011008	91.11	ng	0.00
78) Terphenyl-d14	12.96	244	866504	90.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14703	3.282	ng	83
19) n-Nitroso-di-n-propylamine	7.42	70	67368	13.664	ng	# 74
25) Isophorone	7.42	82	528713	40.307	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	23867	7.841	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	23867	6.042	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	12473	3.857	ng	# 1

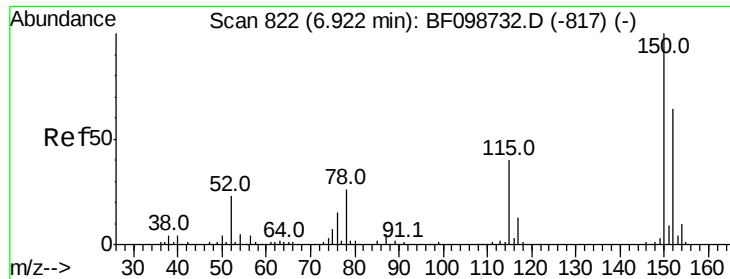
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101417\
Data File : BF099476.D
Acq On : 14 Oct 2017 14:55
Operator : SJ/JU
Sample : PB103186BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 14 22:03:19 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



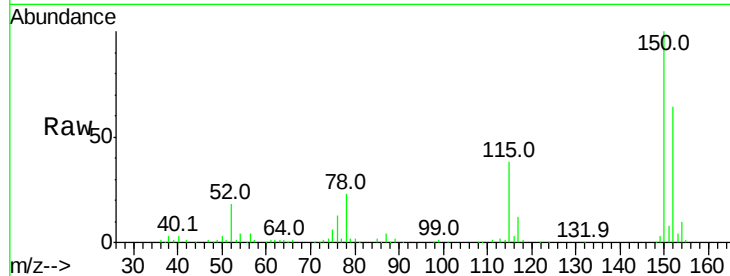


#1

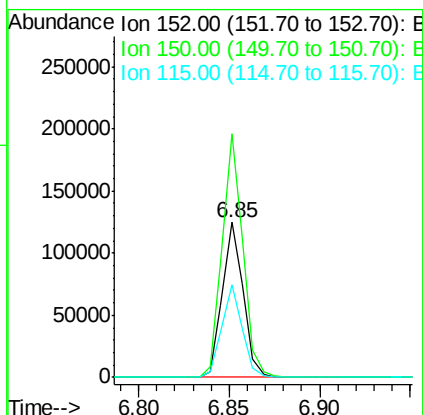
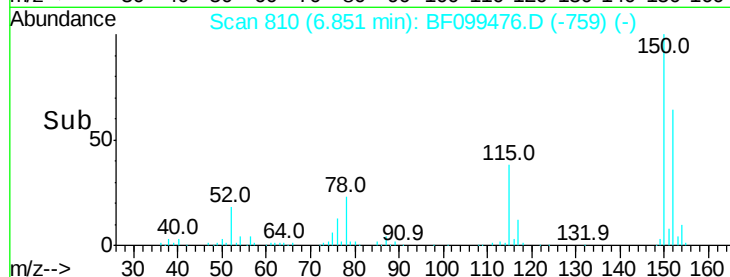
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099476.D
Acq: 14 Oct 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99650
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.1 50.1 75.1



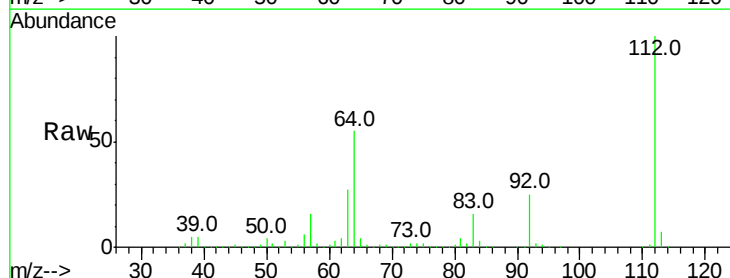
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



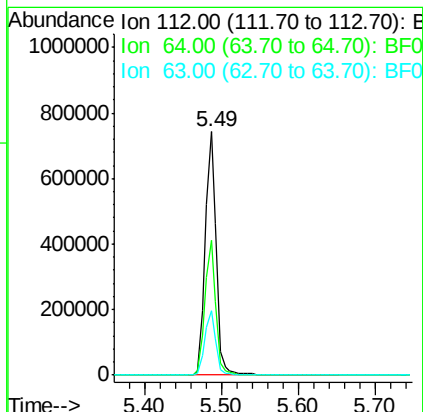
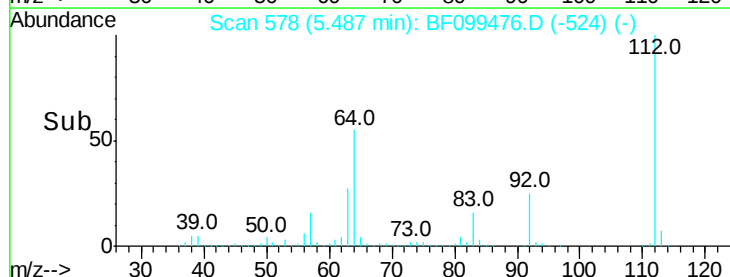
#5

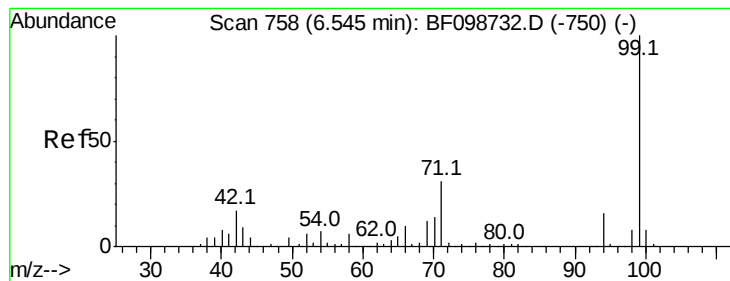
2-Fluorophenol
Concen: 118.166 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099476.D
Acq: 14 Oct 2017 14:55

Tgt Ion:112 Resp: 739699
Ion Ratio Lower Upper
112 100
64 55.2 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: 111.740 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Instrument :

BNA_F

ClientSampled :

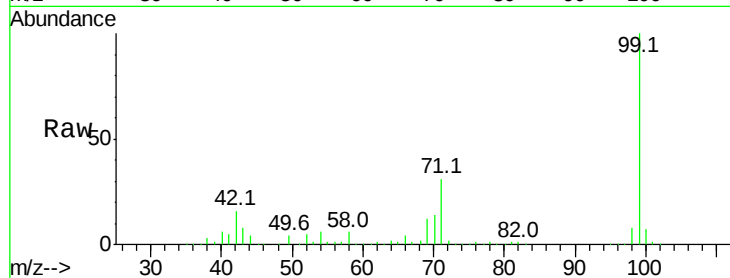
Tot Ion: 99 Resp: 862876

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

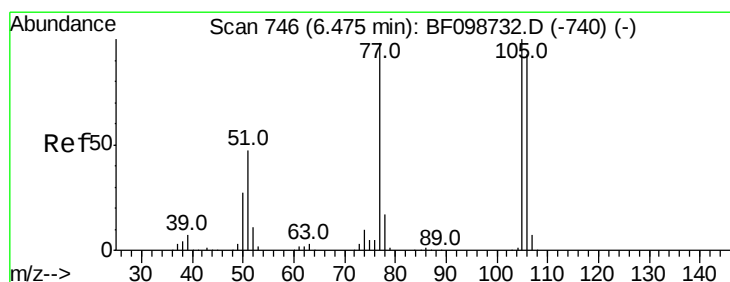
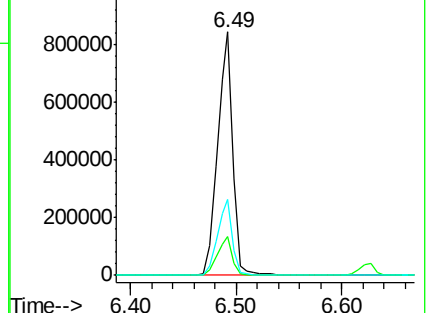
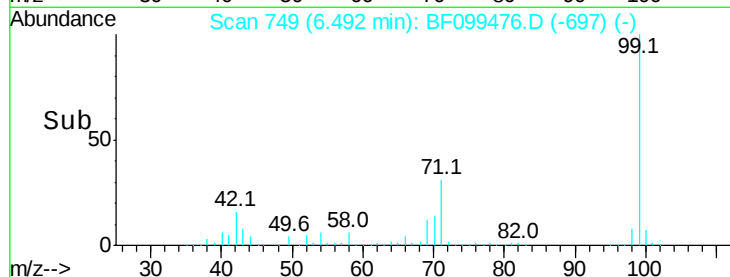
71 31.1 25.4 38.0



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: 3.282 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

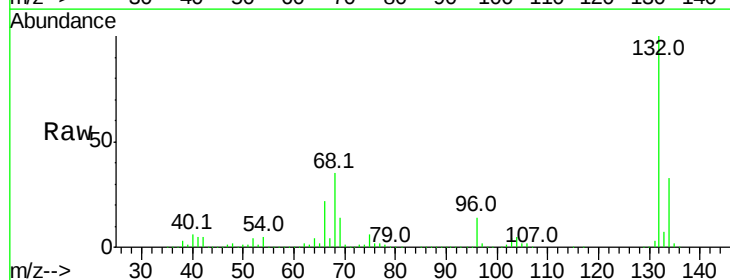
Tgt Ion: 77 Resp: 14703

Ion Ratio Lower Upper

77 100

105 83.6 81.1 121.1

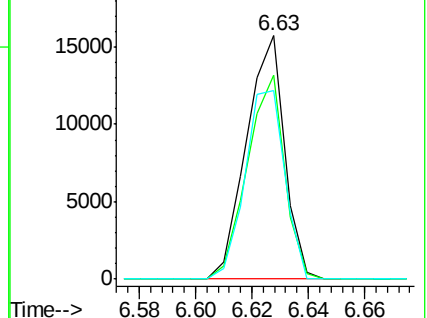
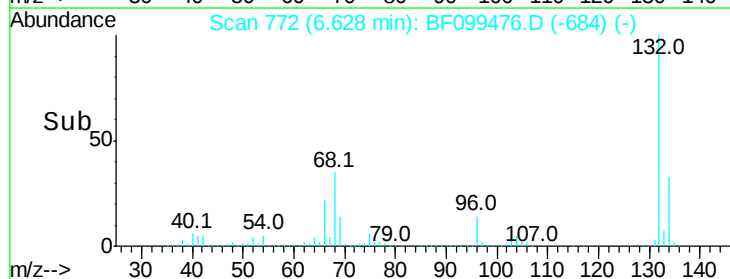
106 77.6 74.5 114.5

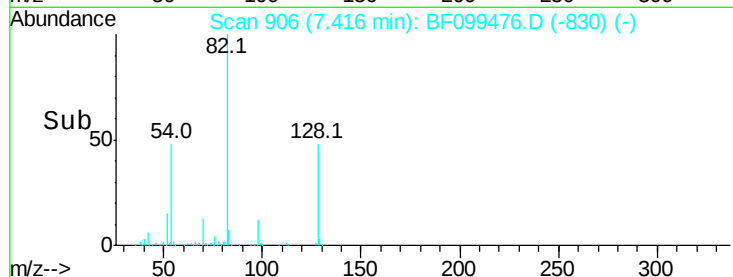
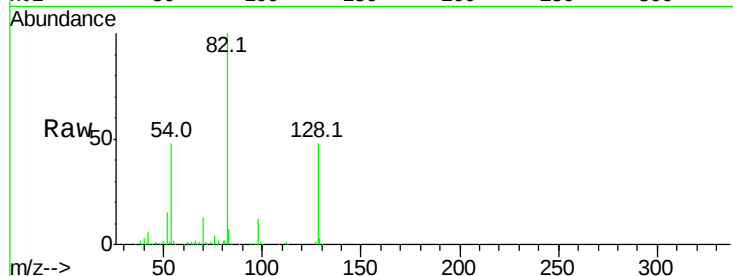
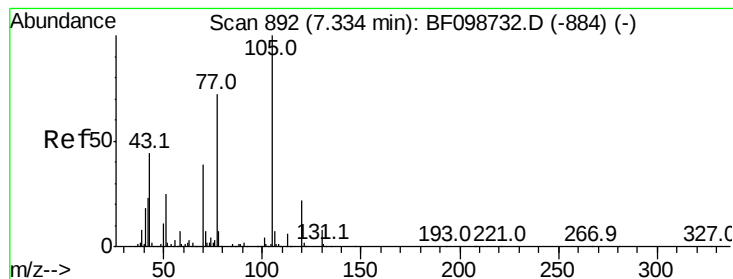


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.664 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 67368

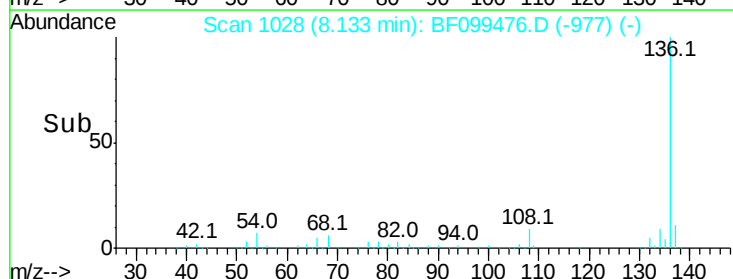
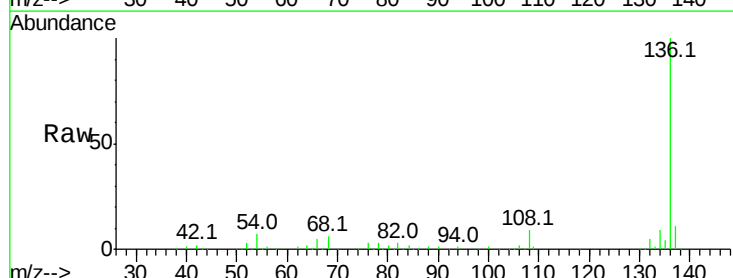
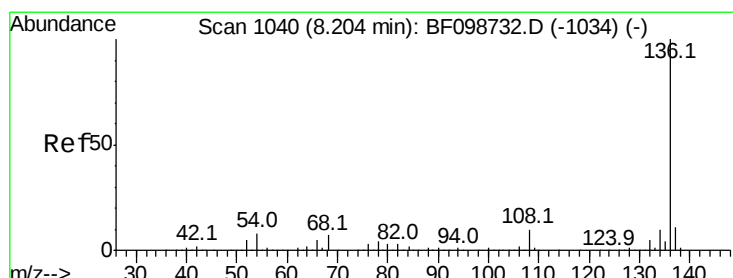
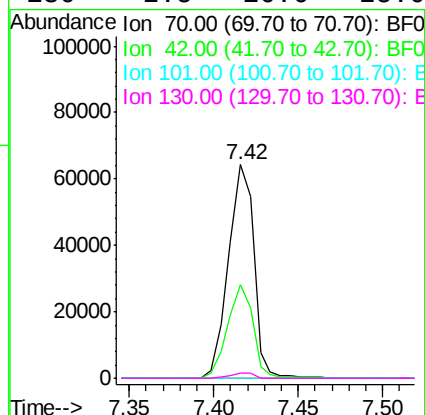
Ion Ratio Lower Upper

70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 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: BF099476.D

Acq: 14 Oct 2017 14:55

Tgt Ion: 136 Resp: 406874

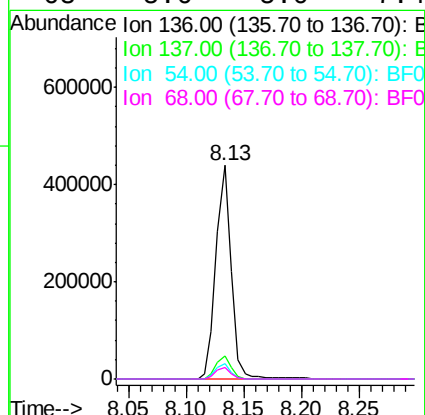
Ion Ratio Lower Upper

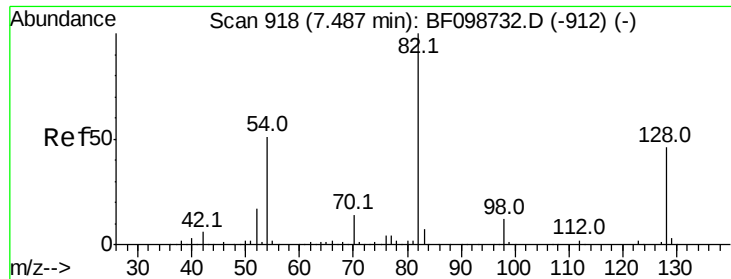
136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

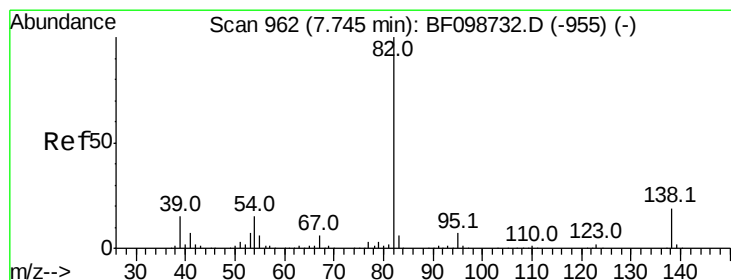
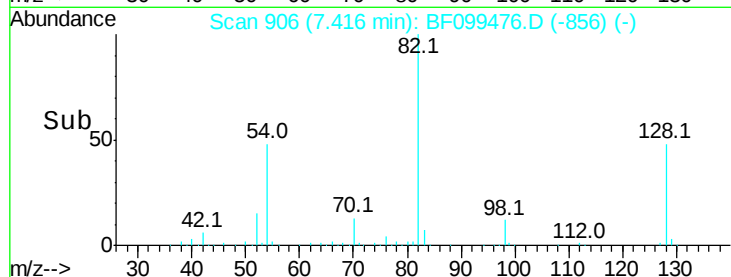
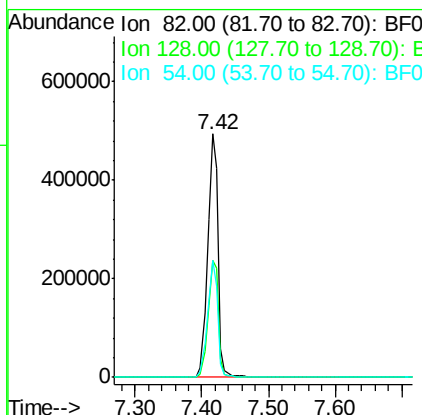
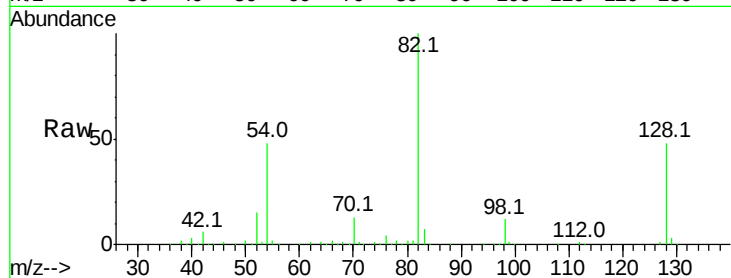




#23
 Nitrobenzene-d5
 Concen: 83.335 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

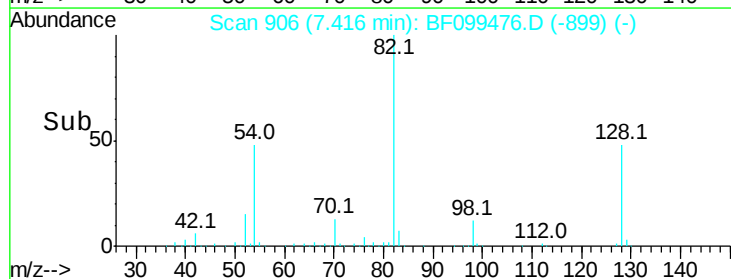
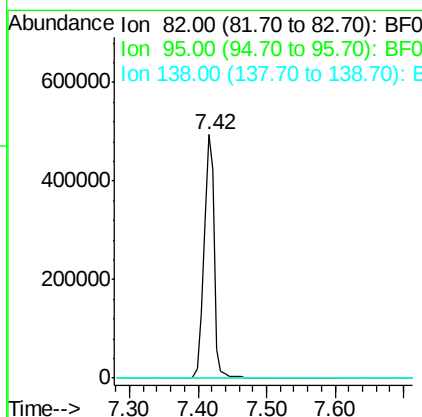
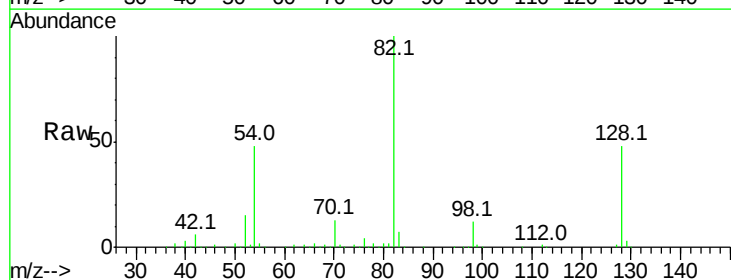
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	528717
Ion Ratio	Lower	Upper	
82	100		
128	48.2	36.1	54.1
54	47.9	41.4	62.2



#25
 Isophorone
 Concen: 40.307 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Tgt Ion	82	Resp	528713
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

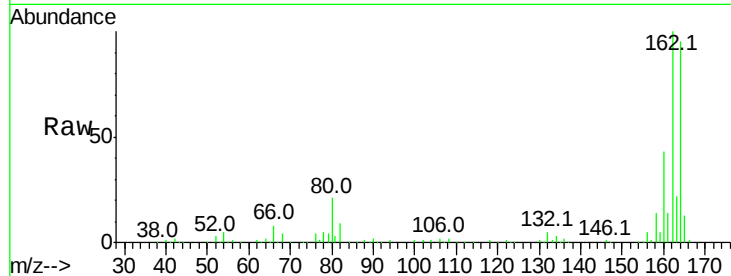




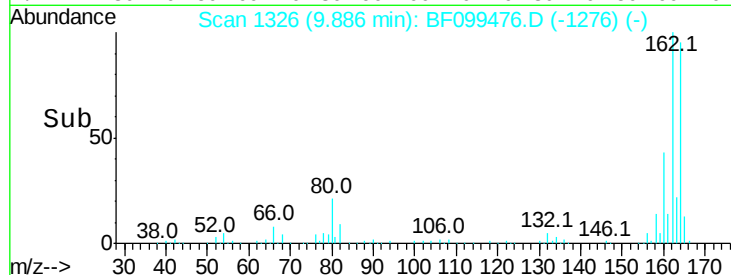
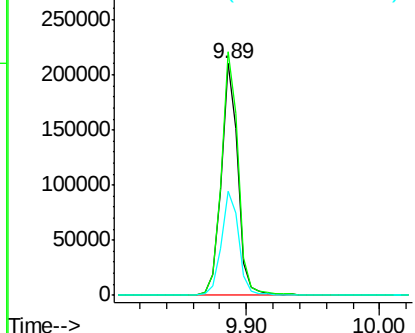
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099476.D
Acq: 14 Oct 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 185250
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.0 38.3 57.5

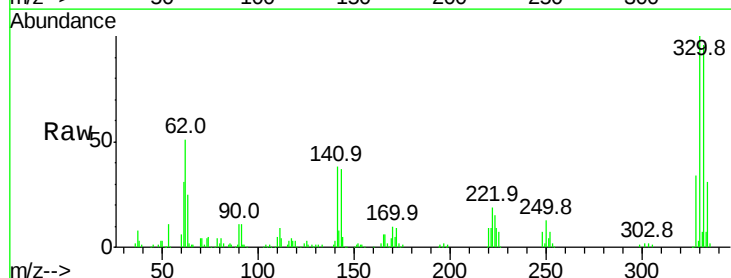


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

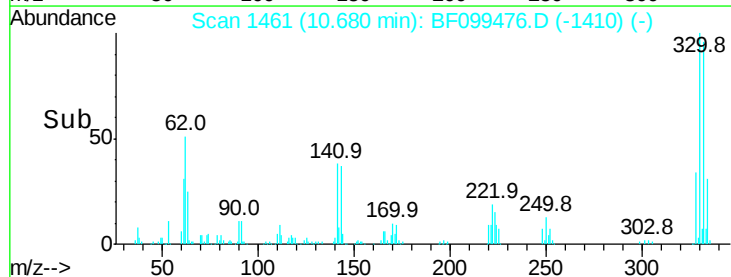
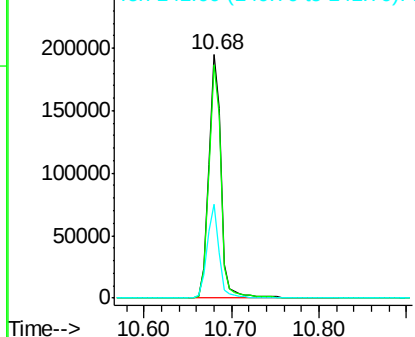


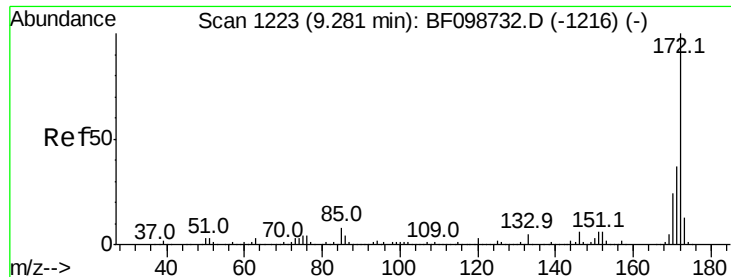
#41
2,4,6-Tribromophenol
Concen: 125.550 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099476.D
Acq: 14 Oct 2017 14:55

Tgt Ion:330 Resp: 190314
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 37.8 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



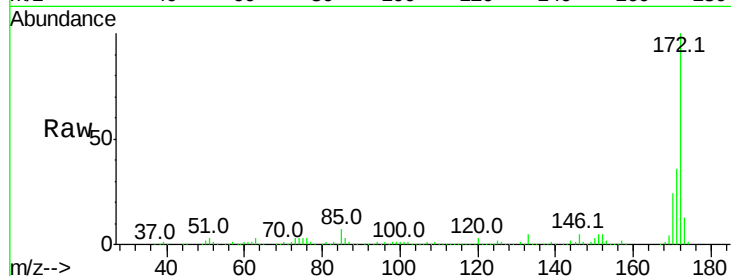


#44
 2-Fluorobiphenyl
 Concen: 91.109 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

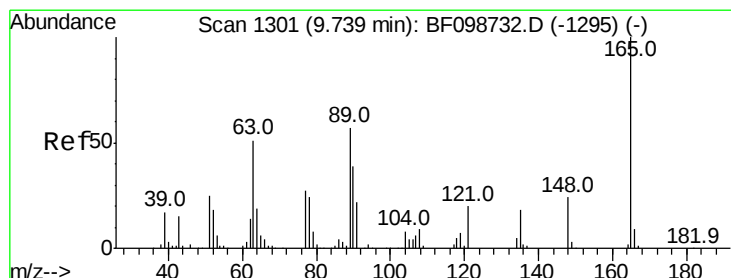
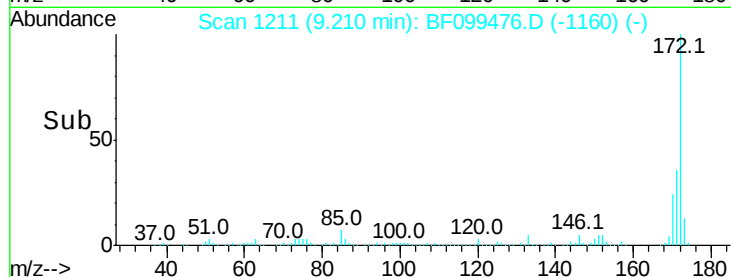
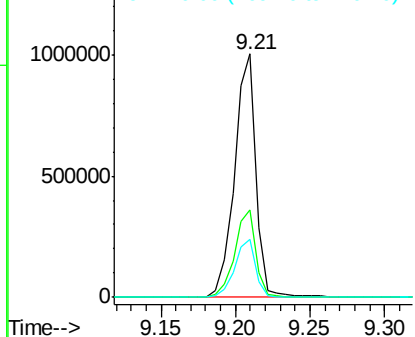
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1011008

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



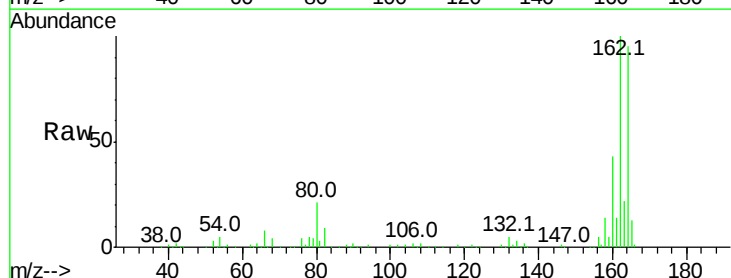
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



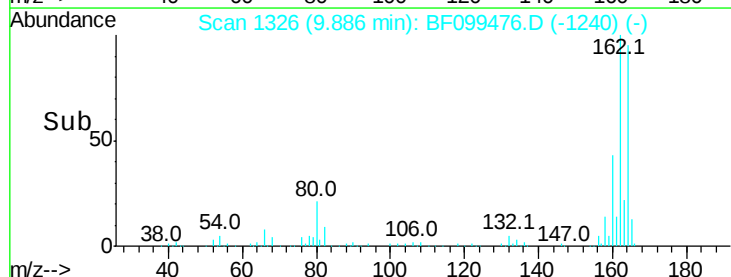
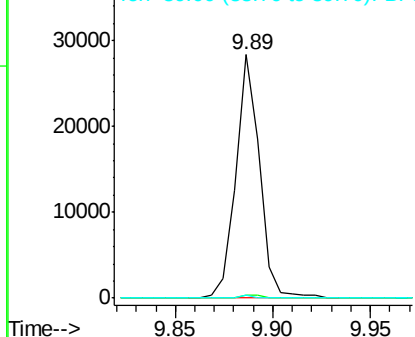
#50
 2,6-Dinitrotoluene
 Concen: 7.841 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Tgt Ion:165 Resp: 23867

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	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

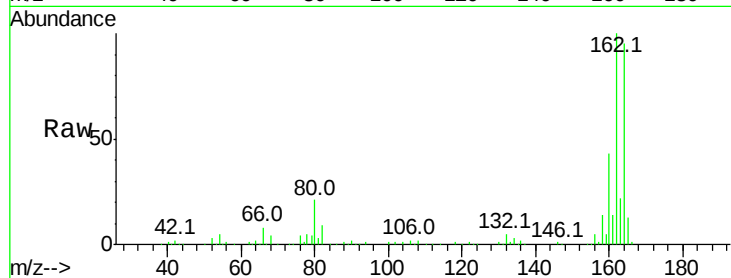




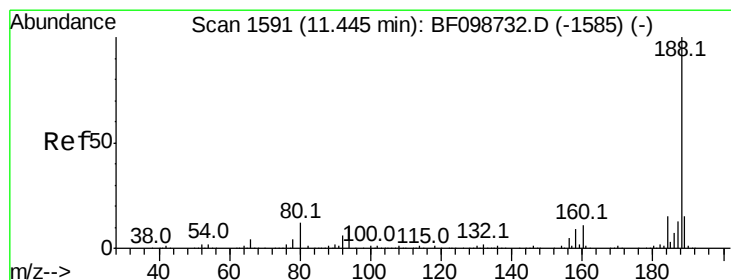
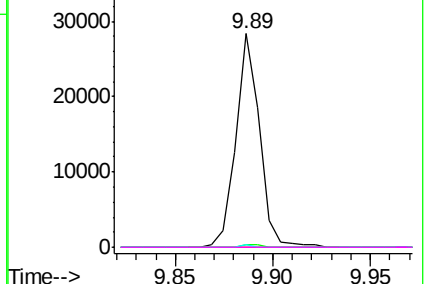
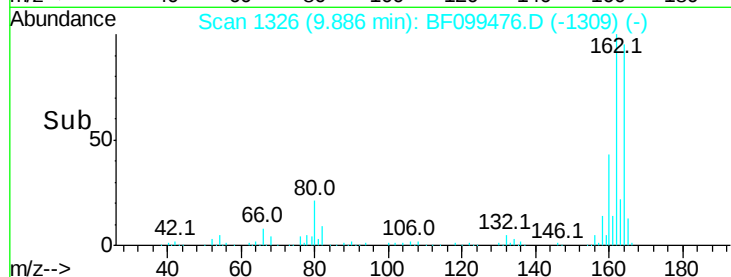
#56
 2,4-Dinitrotoluene
 Concen: 6.042 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23867
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

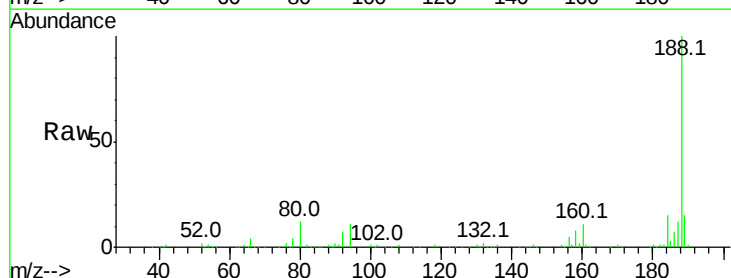


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

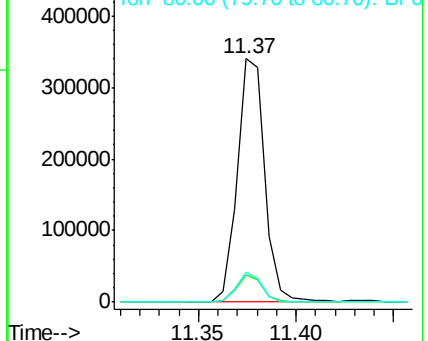
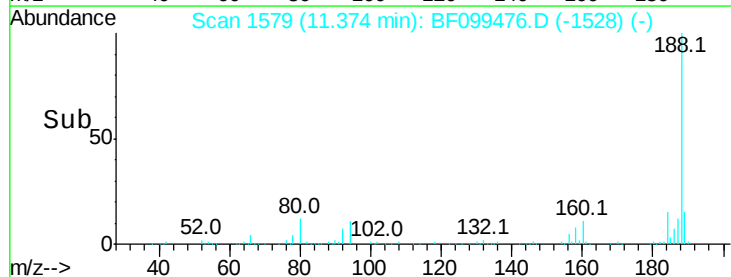


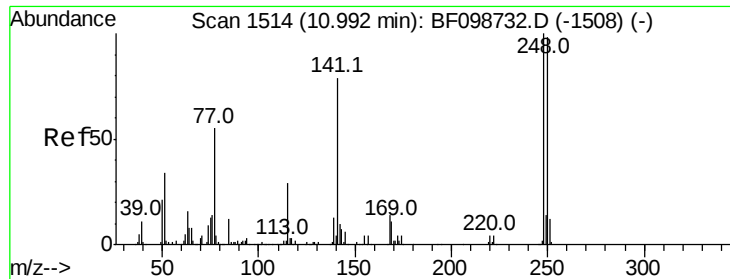
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Tgt Ion:188 Resp: 330385
 Ion Ratio Lower Upper
 188 100
 94 11.4 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

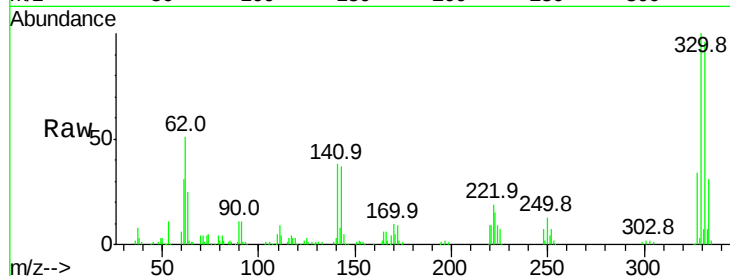




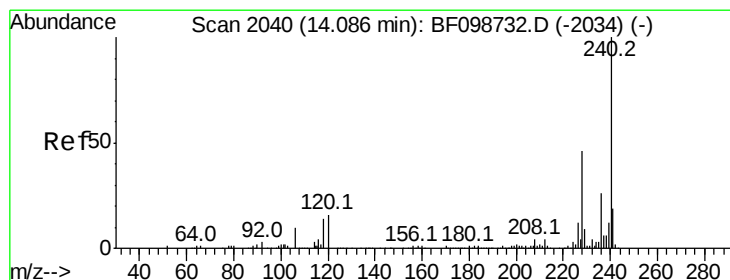
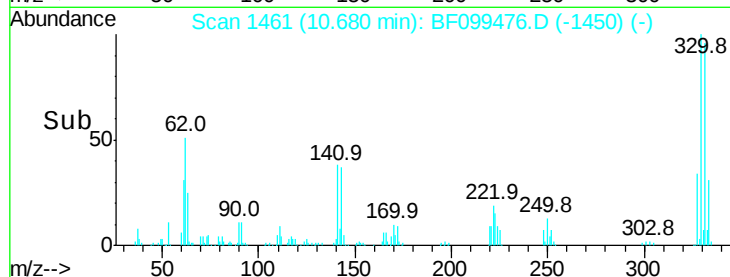
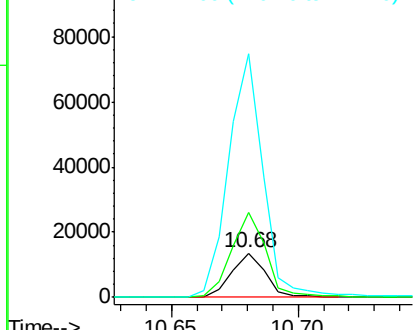
#66
4-Bromophenyl-phenylether
Concen: 3.857 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099476.D
Acq: 14 Oct 2017 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12473
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 547.7 74.4 111.6#

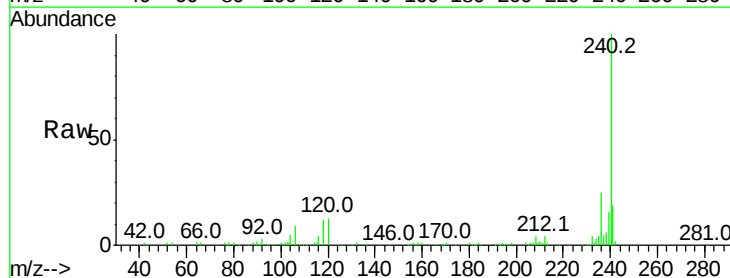


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

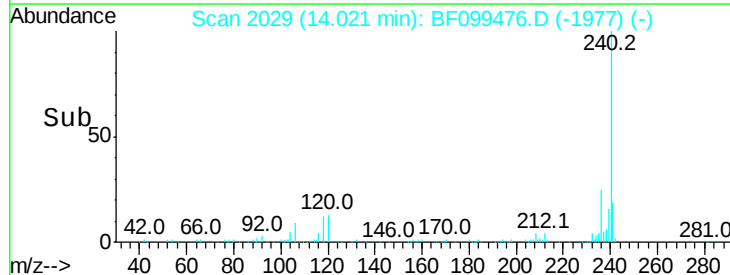
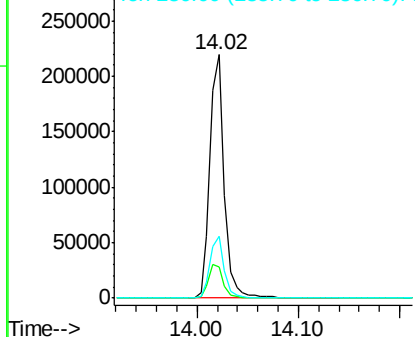


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099476.D
Acq: 14 Oct 2017 14:55

Tgt Ion:240 Resp: 216947
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 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: 90.833 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Instrument :

BNA_F

ClientSampleId :

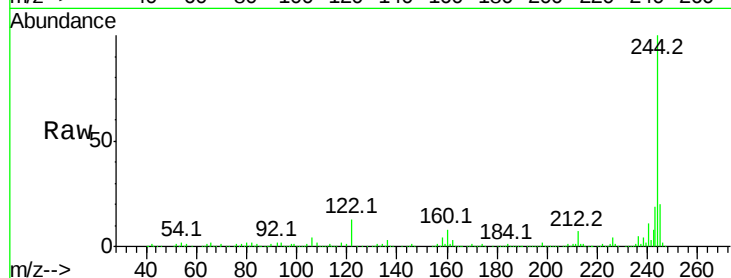
Tot Ion:244 Resp: 866504

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

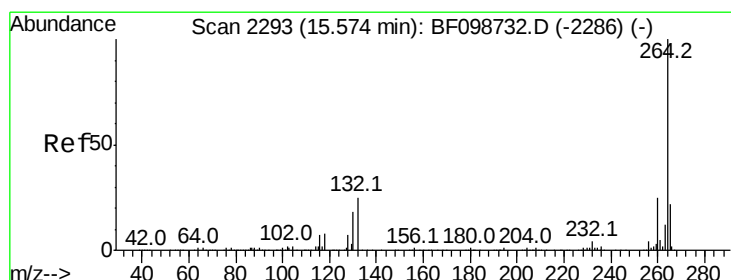
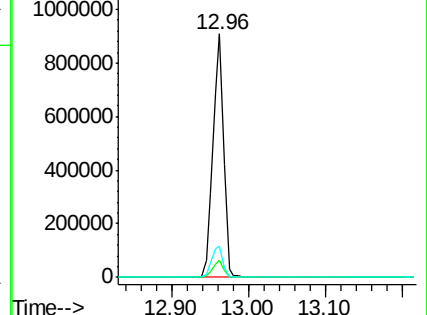
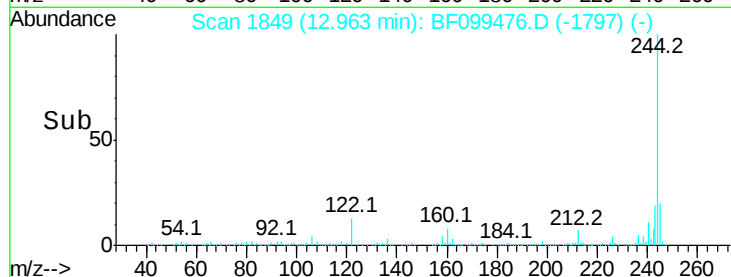
122 13.0 11.0 16.4



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: BF099476.D

Acq: 14 Oct 2017 14:55

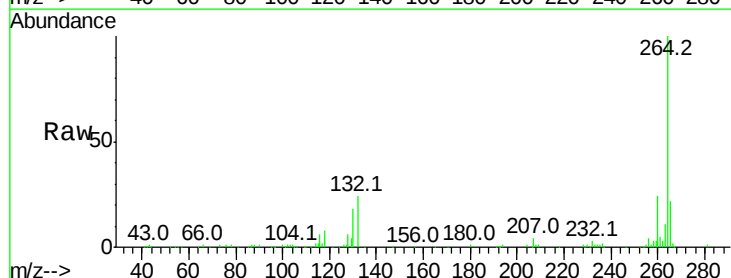
Tgt Ion:264 Resp: 161412

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

