

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099946.D
 Acq On : 29 Oct 2017 6:32
 Operator : SJ/JU
 Sample : I6100-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:07:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

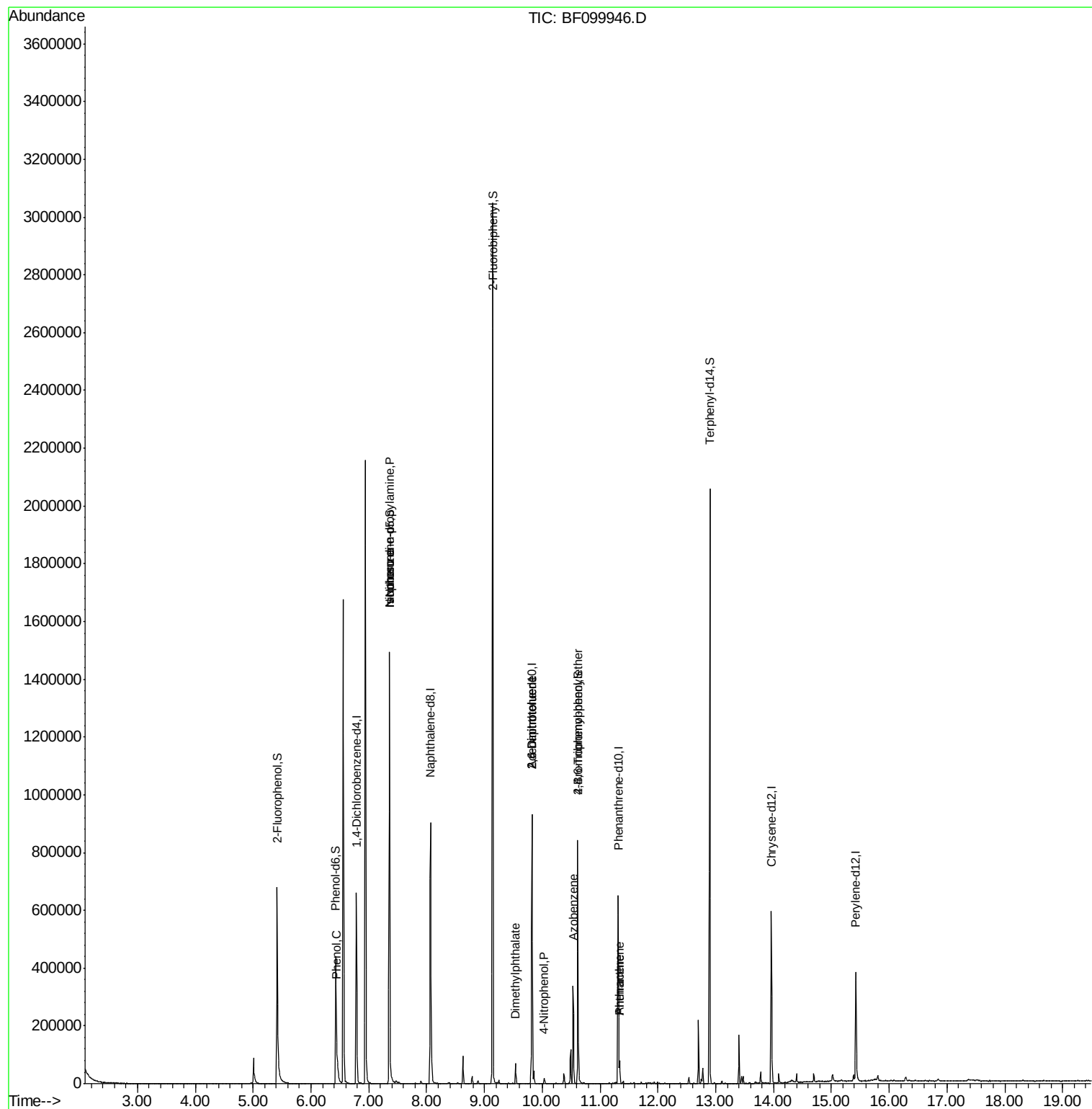
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112585	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	441100	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	174464	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	244527	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	193348	20.00	ng	-0.03
86) Perylene-d12	15.42	264	184155	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	294832	41.11	ng	0.00
7) Phenol-d6	6.43	99	219544	25.82	ng	-0.01
23) Nitrobenzene-d5	7.36	82	572095	83.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	100667	63.32	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	1080215	95.53	ng	-0.01
78) Terphenyl-d14	12.90	244	695612	78.62	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	19625	2.102	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	69885	14.025	ng	# 72
25) Isophorone	7.36	82	572095	46.016	ng	# 64
49) Dimethylphthalate	9.54	163	31412	2.274	ng	97
50) 2,6-Dinitrotoluene	9.82	165	22409	7.715	ng	# 24
55) 4-Nitrophenol	10.03	139	3674	2.055	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	22409	6.407	ng	# 22
62) Azobenzene	10.53	77	52535	4.645	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	6375	2.476	ng	# 1
70) Phenanthrene	11.34	178	32545	2.358	ng	95
71) Anthracene	11.34	178	32545	2.323	ng	96

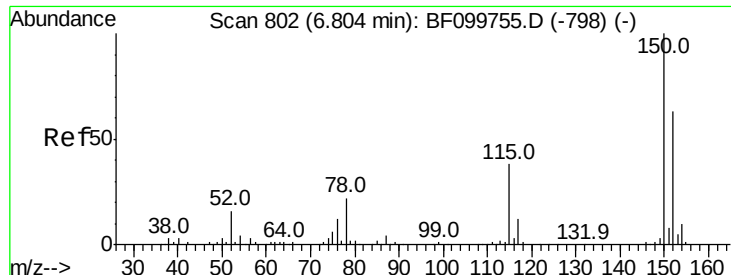
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099946.D
Acq On : 29 Oct 2017 6:32
Operator : SJ/JU
Sample : I6100-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 02:07:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



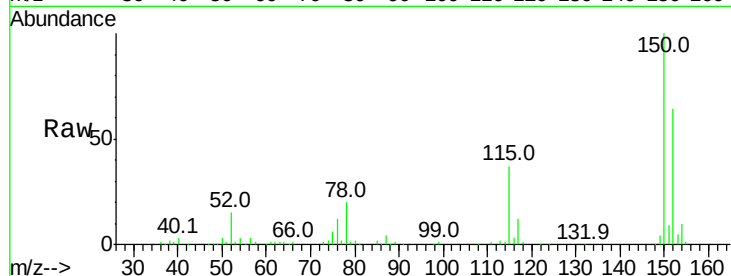


#1

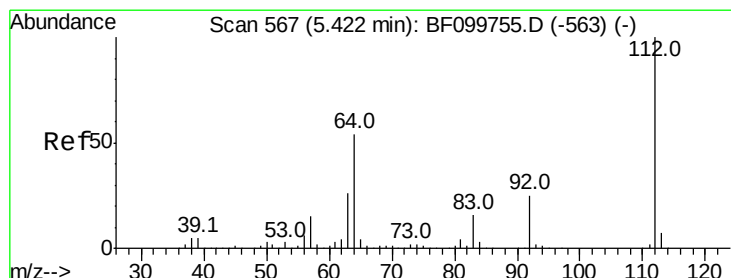
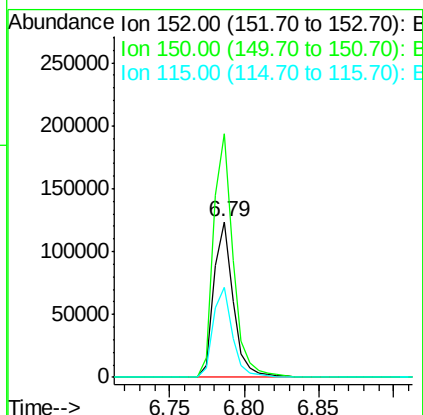
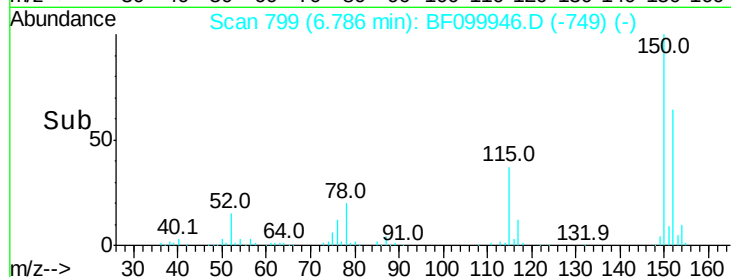
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 112585
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 57.4 50.1 75.1



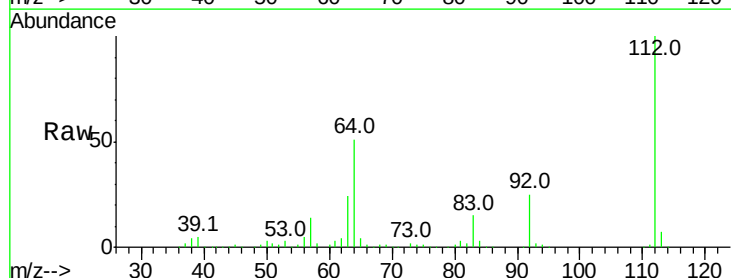
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



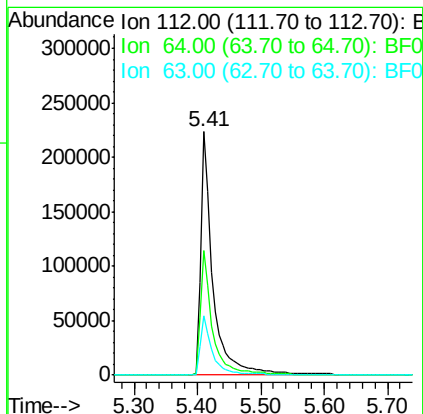
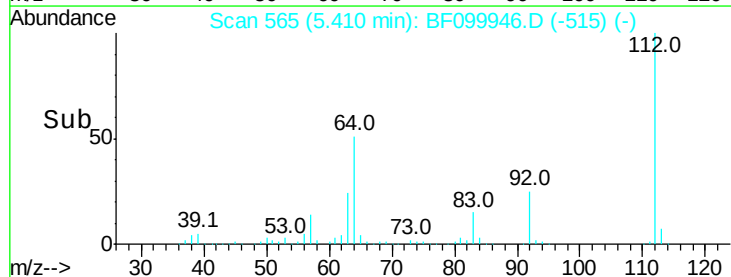
#5

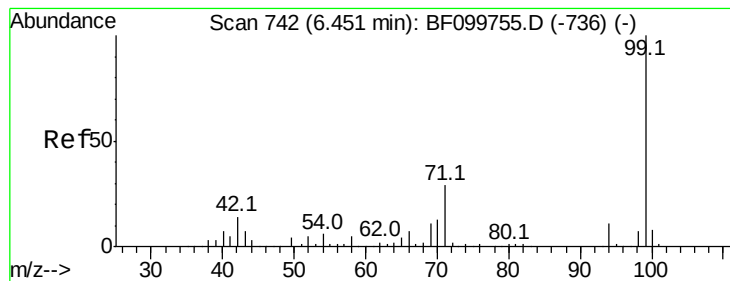
2-Fluorophenol
 Concen: 41.113 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

Tgt Ion:112 Resp: 294832
 Ion Ratio Lower Upper
 112 100
 64 51.3 47.9 71.9
 63 24.4 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: 25.820 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099946.D

Acq: 29 Oct 2017 6:32

Instrument :

BNA_F

ClientSampled :

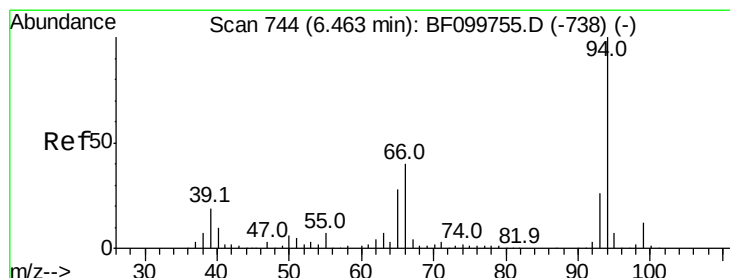
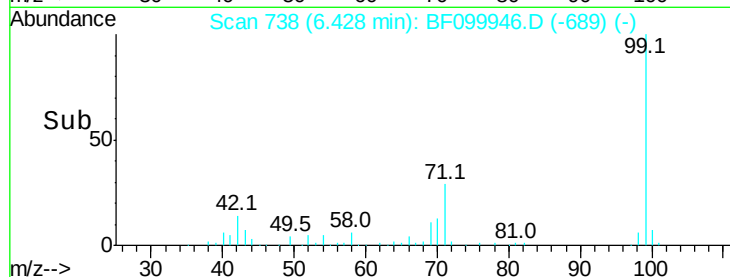
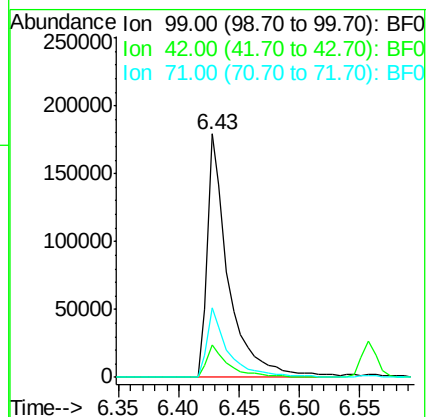
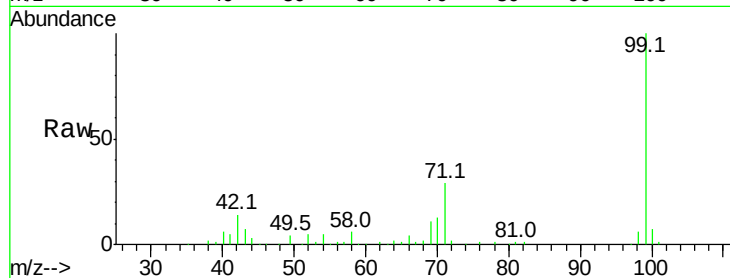
Tot Ion: 99 Resp: 219544

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

71 28.7 25.4 38.0



#10

Phenol

Concen: 2.102 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099946.D

Acq: 29 Oct 2017 6:32

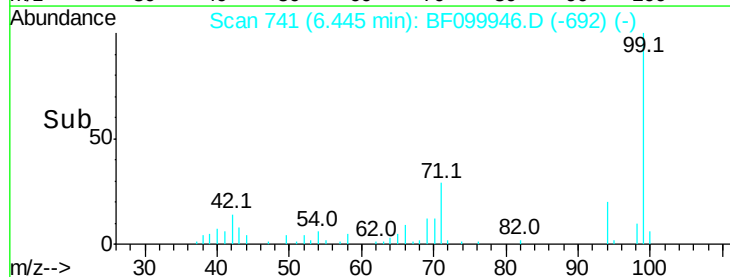
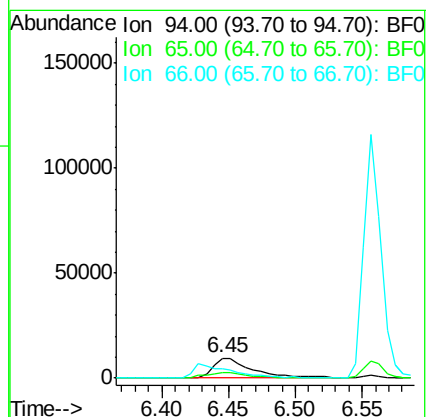
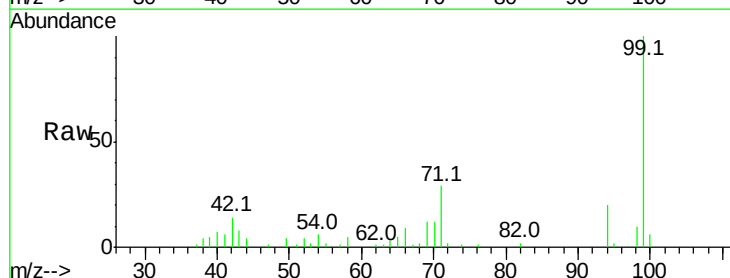
Tgt Ion: 94 Resp: 19625

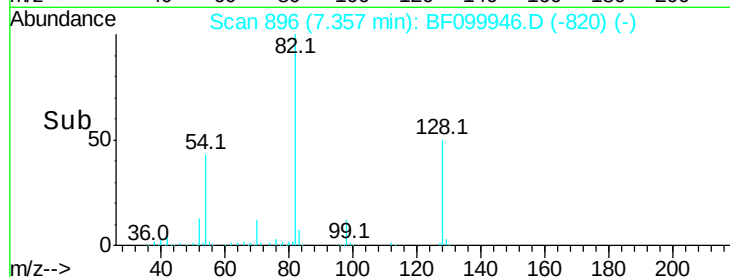
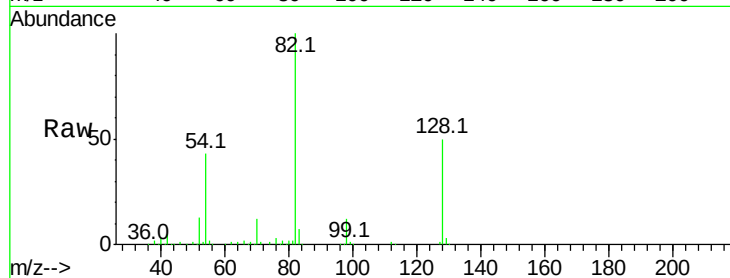
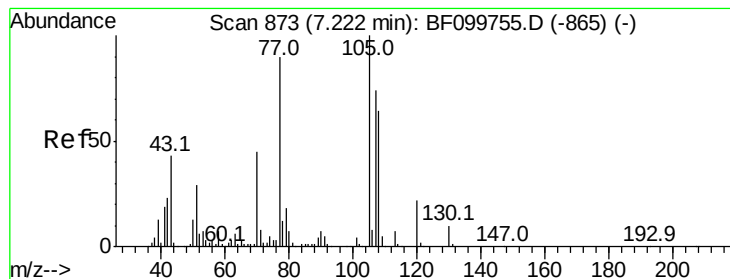
Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 45.8 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.025 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099946.D

Acq: 29 Oct 2017 6:32

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 69885

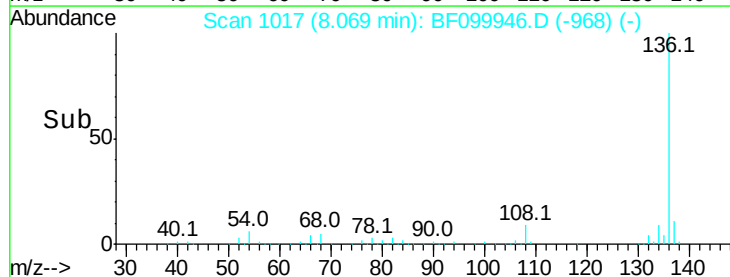
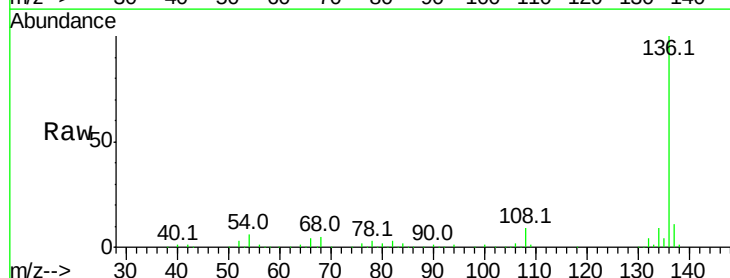
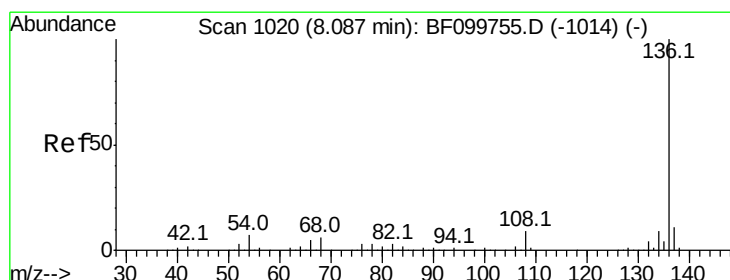
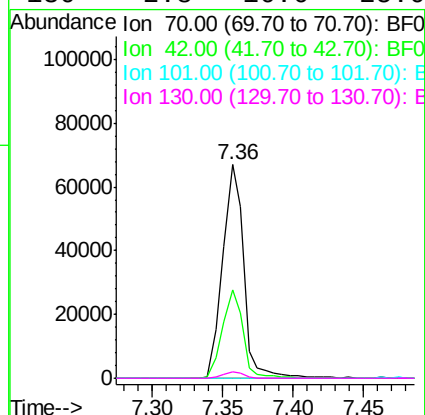
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099946.D

Acq: 29 Oct 2017 6:32

Tgt Ion: 136 Resp: 441100

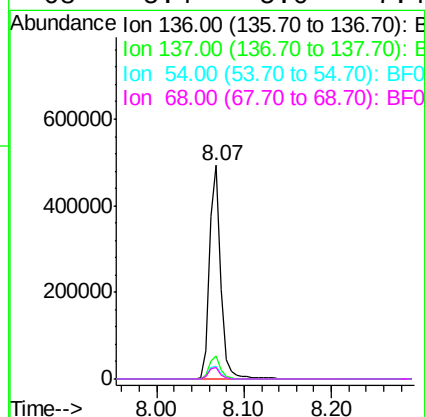
Ion Ratio Lower Upper

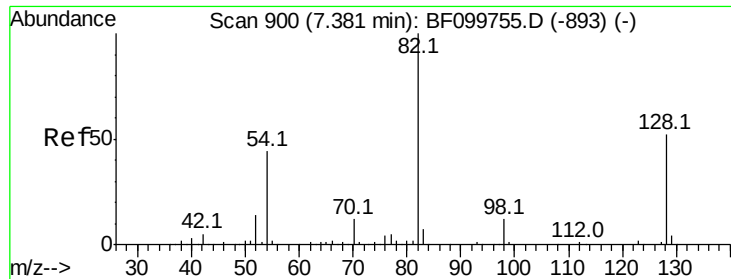
136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 5.0 7.4

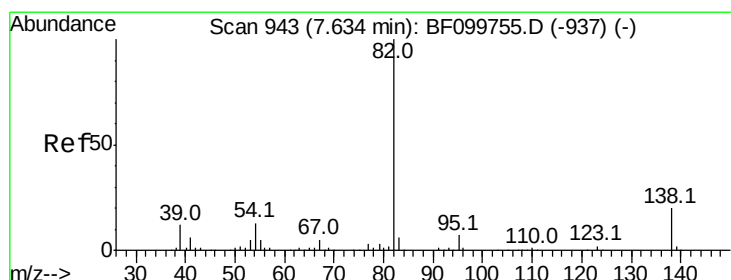
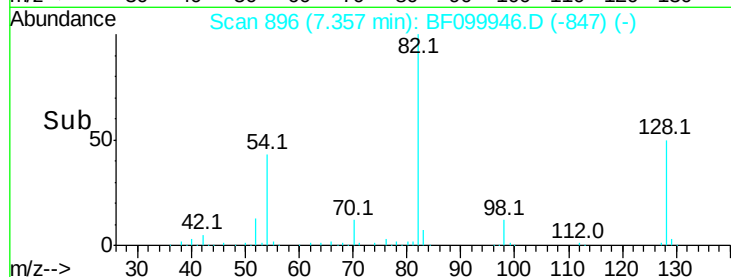
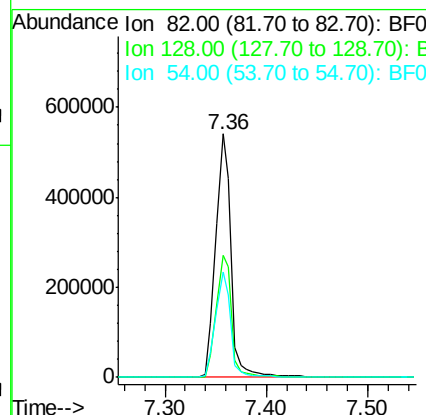
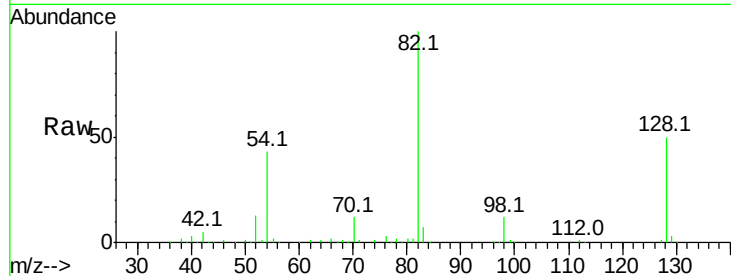




#23
 Nitrobenzene-d5
 Concen: 83.500 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

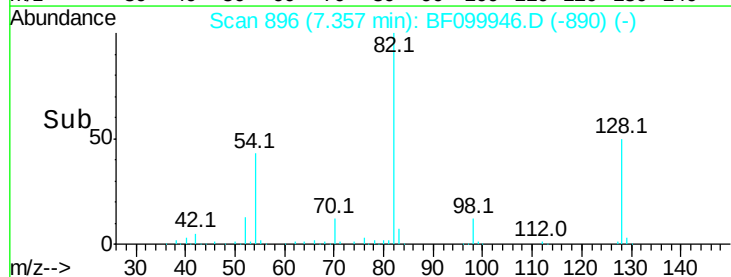
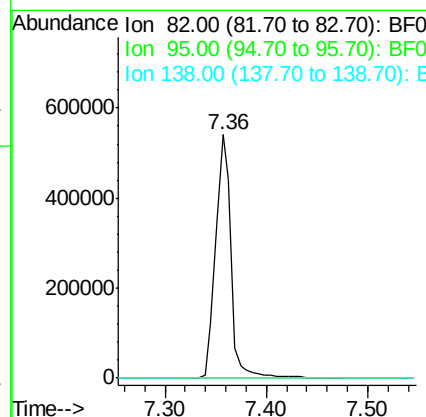
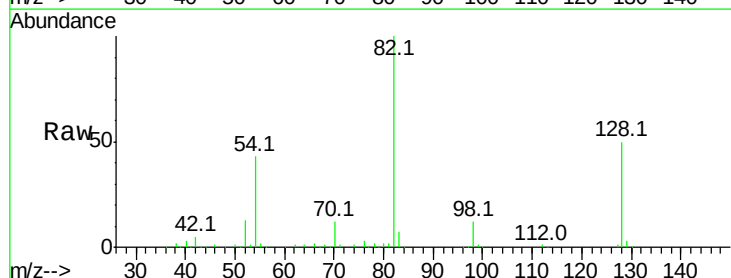
Instrument :
 BNA_F
 ClientSampleId :

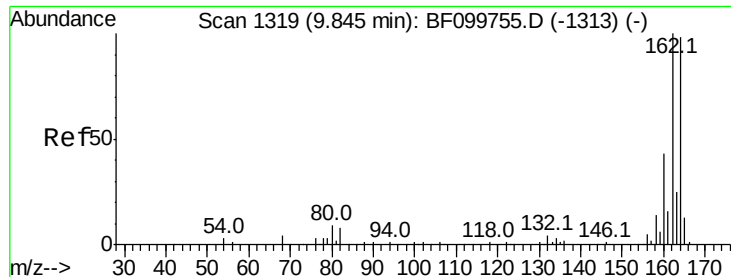
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	43.2	41.4	62.2



#25
 Isophorone
 Concen: 46.016 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

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

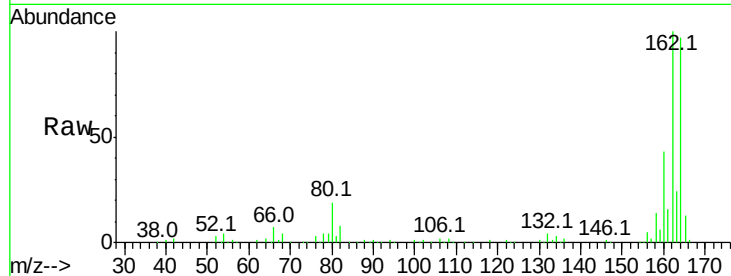




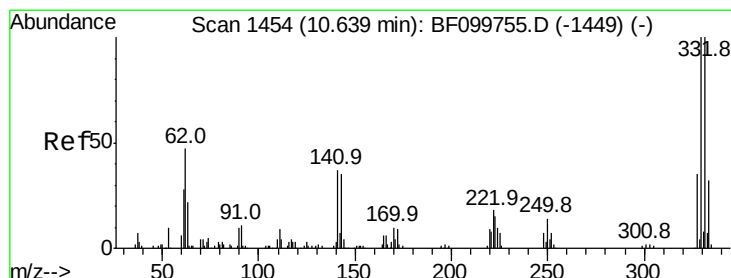
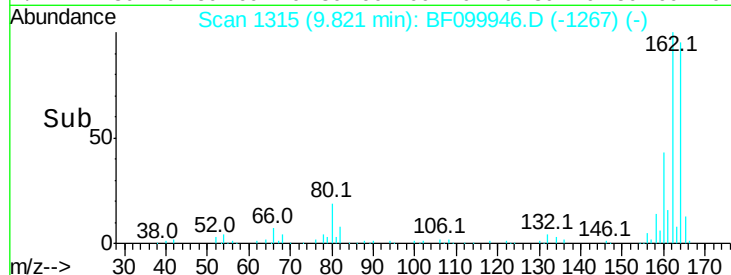
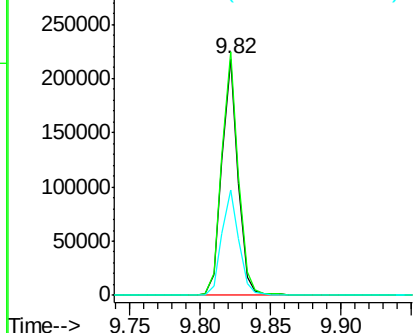
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099946.D
Acq: 29 Oct 2017 6:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 174464
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.4 38.3 57.5

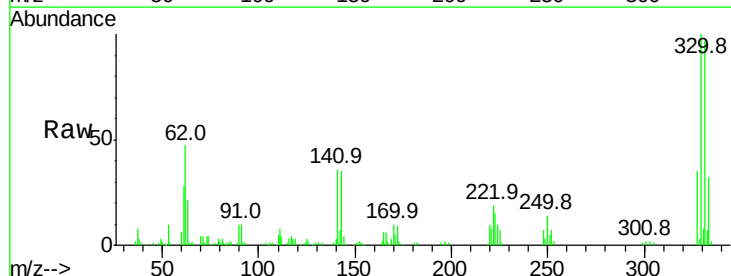


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

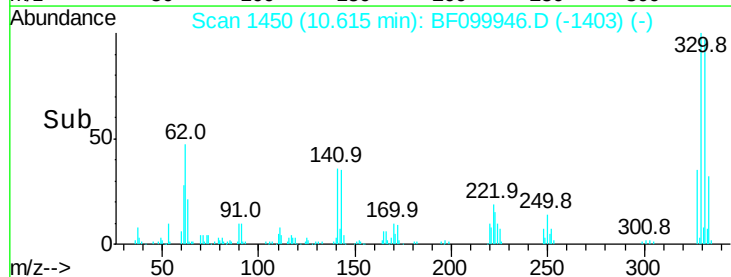
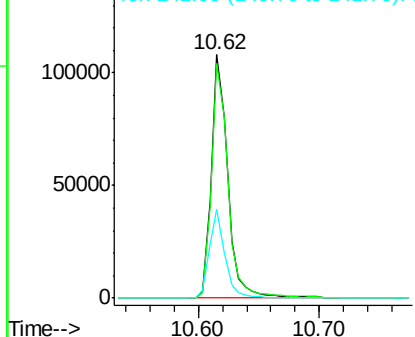


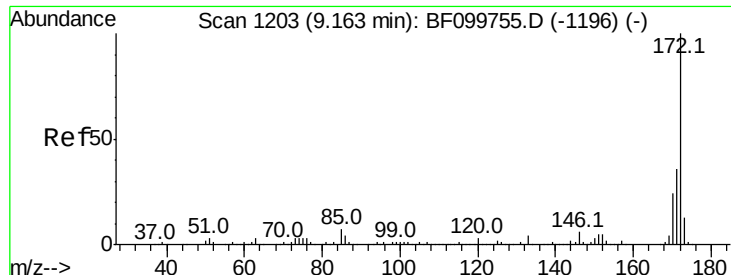
#41
2,4,6-Tribromophenol
Concen: 63.316 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099946.D
Acq: 29 Oct 2017 6:32

Tgt Ion:330 Resp: 100667
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 34.8 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



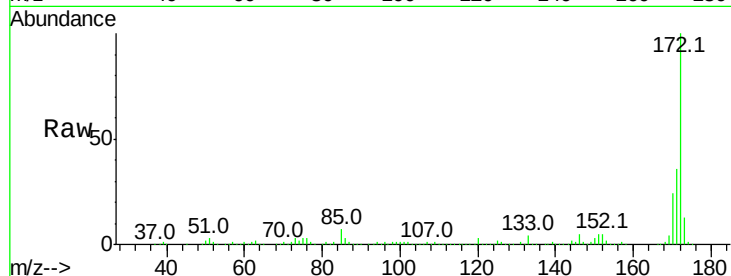


#44
 2-Fluorobiphenyl
 Concen: 95.527 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

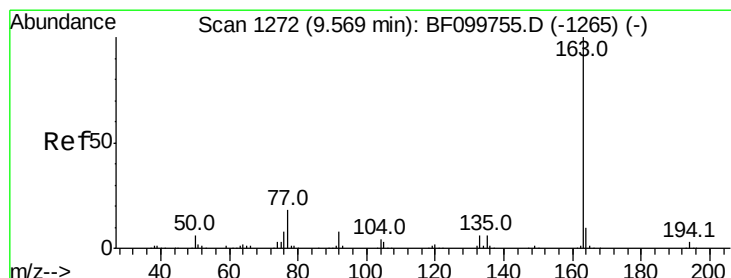
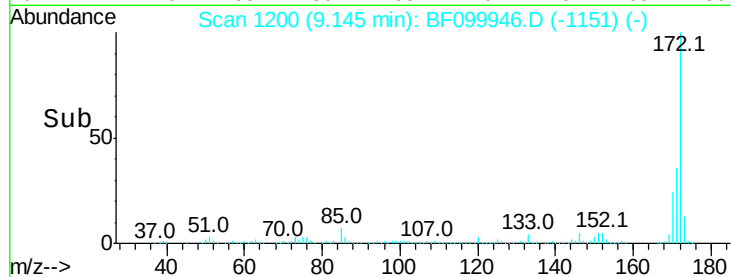
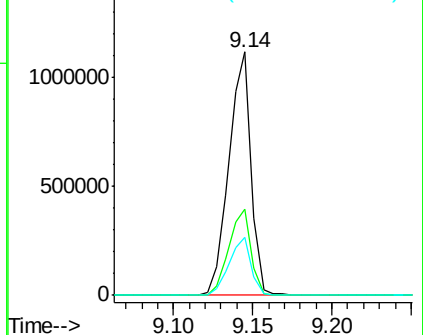
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1080215

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4



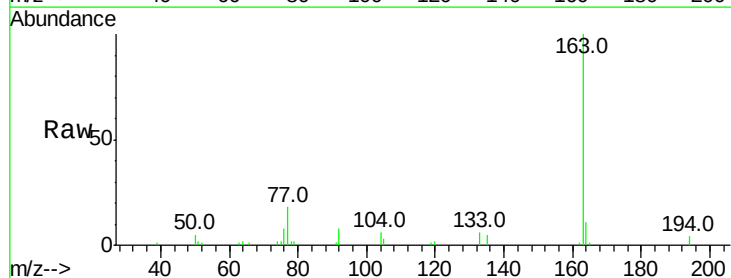
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



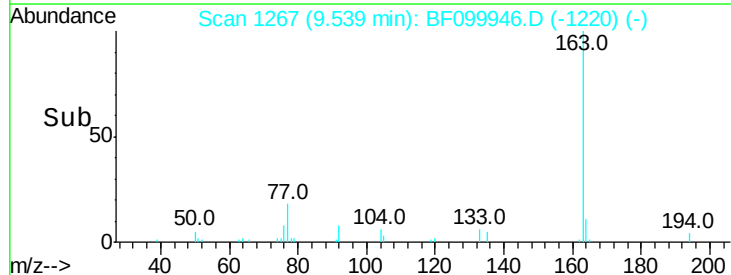
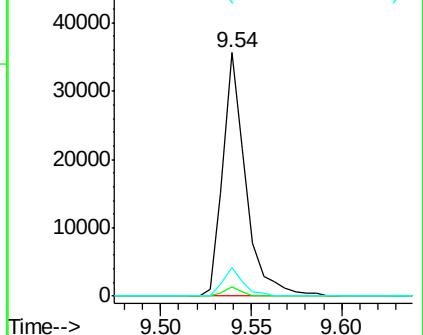
#49
 Dimethylphthalate
 Concen: 2.274 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

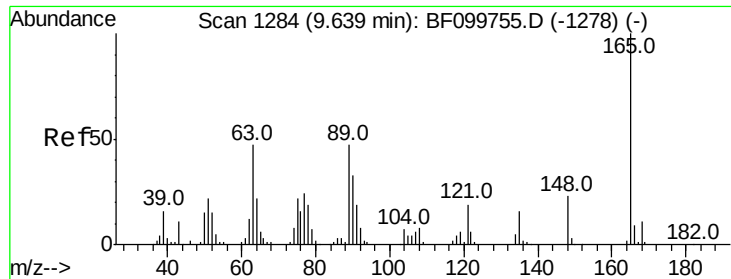
Tgt Ion:163 Resp: 31412

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

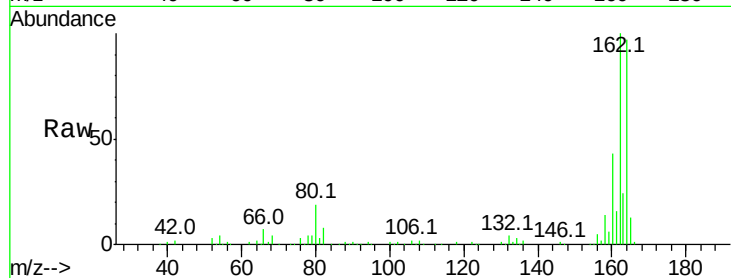




#50
2,6-Dinitrotoluene
Concen: 7.715 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099946.D
Acq: 29 Oct 2017 6:32

Instrument :
BNA_F
ClientSampleId :

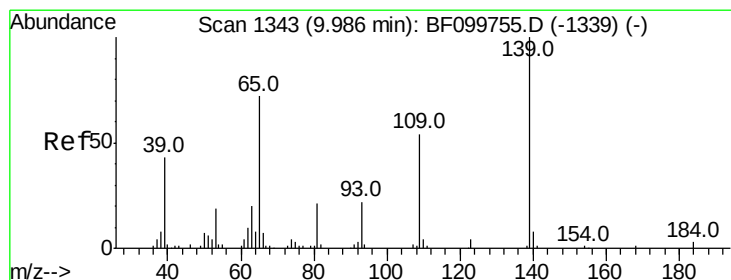
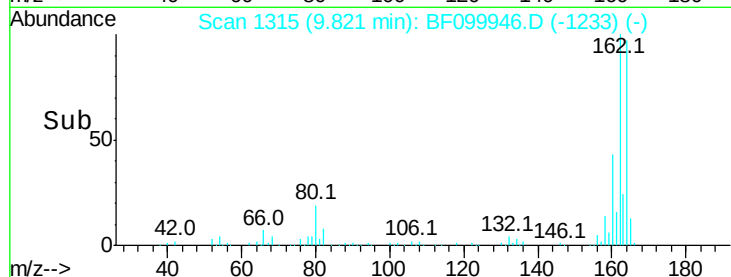
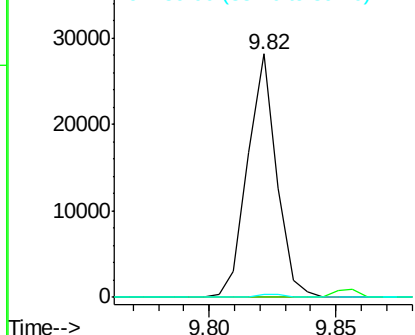
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

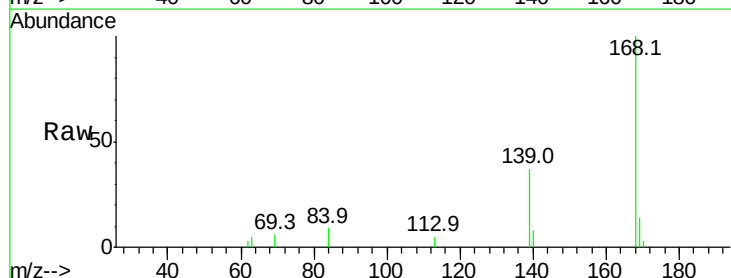
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55
4-Nitrophenol
Concen: 2.055 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF099946.D
Acq: 29 Oct 2017 6:32

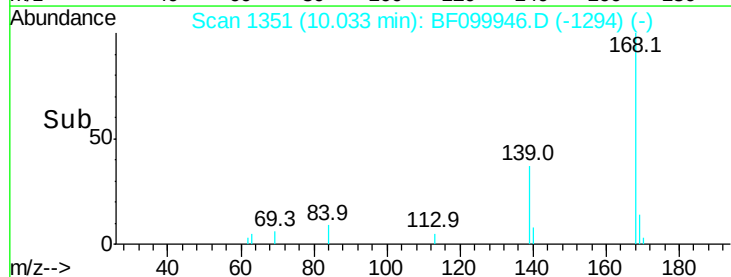
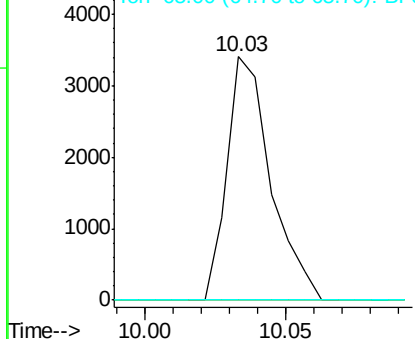
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

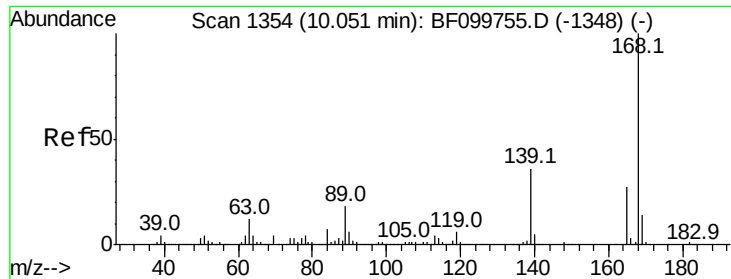


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

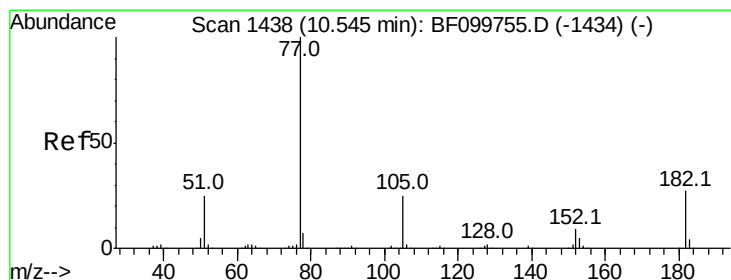
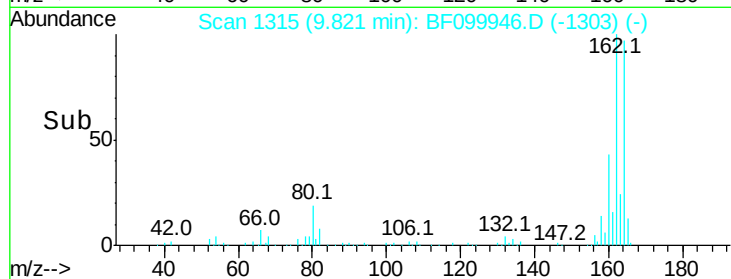
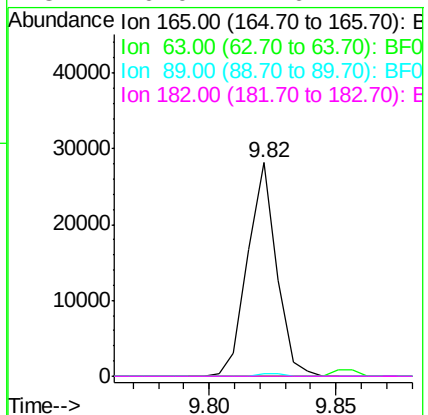
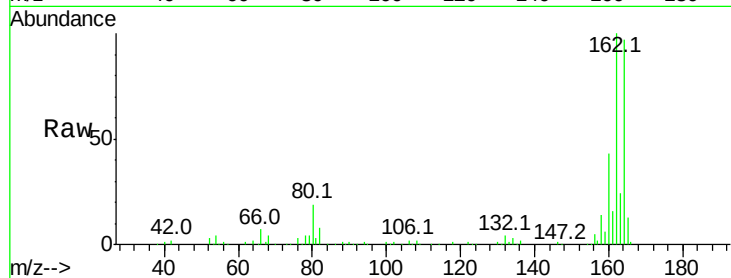




#56
 2,4-Dinitrotoluene
 Concen: 6.407 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

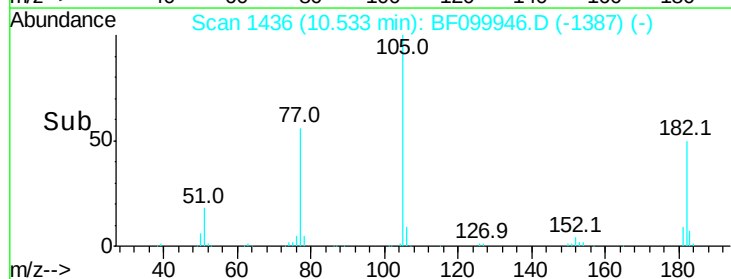
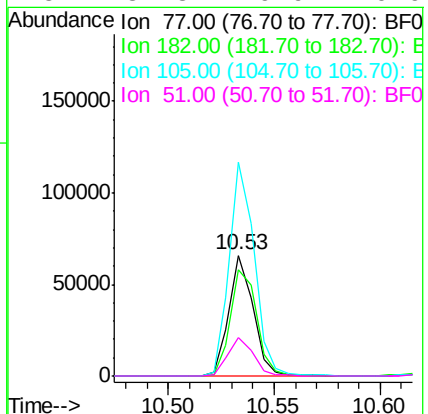
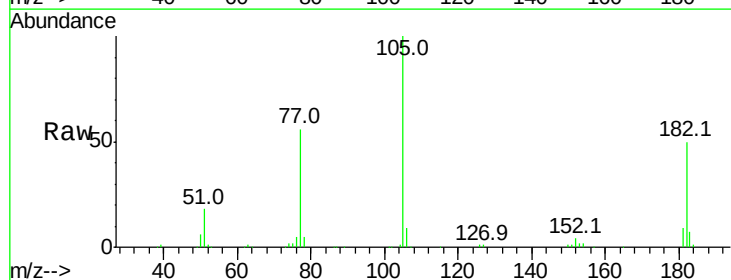
Instrument :
 BNA_F
 ClientSampleId :

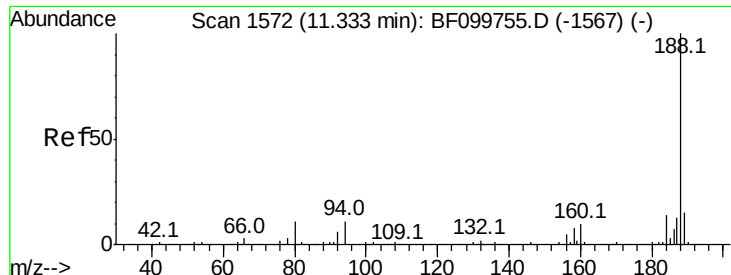
Tot Ion:	165	Resp:	22409
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.645 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

Tgt Ion:	77	Resp:	52535
Ion Ratio	Lower	Upper	
77	100		
182	88.5	1.7	41.7#
105	177.4	3.0	43.0#
51	32.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099946.D

Acq: 29 Oct 2017 6:32

Instrument :

BNA_F

ClientSampleId :

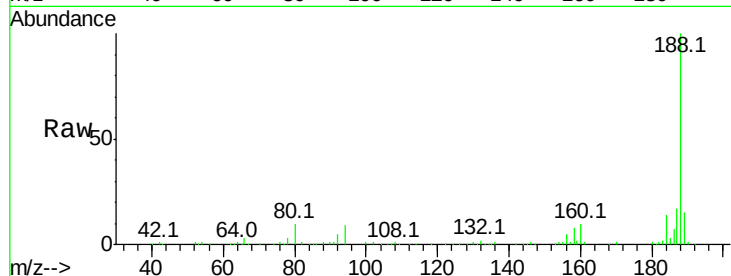
Tot Ion:188 Resp: 244527

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

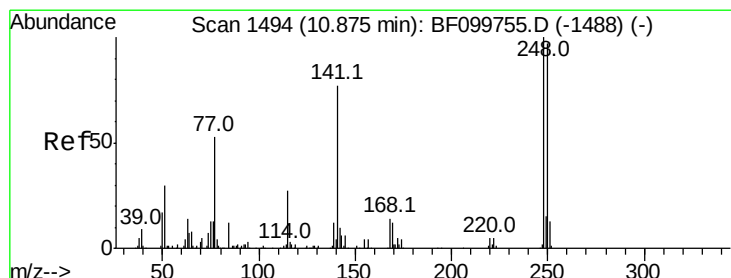
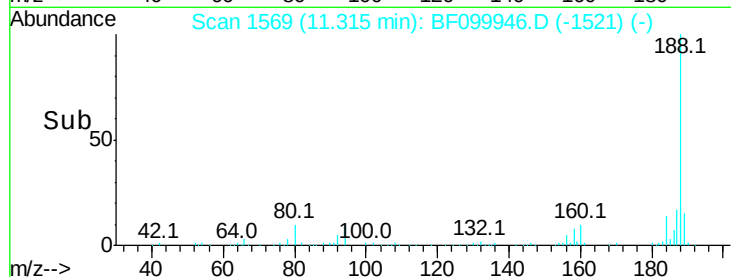
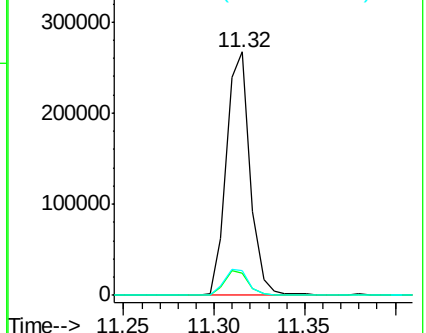
80 9.9 9.2 13.8



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: 2.476 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF099946.D

Acq: 29 Oct 2017 6:32

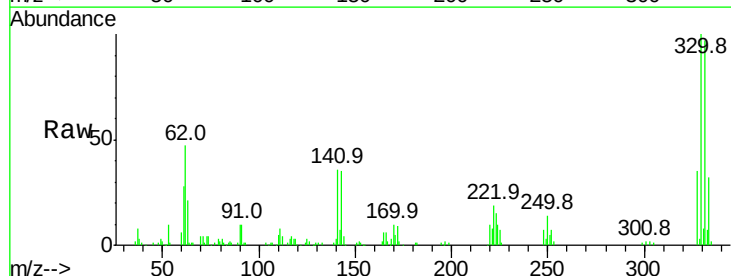
Tgt Ion:248 Resp: 6375

Ion Ratio Lower Upper

248 100

250 200.3 76.9 115.3#

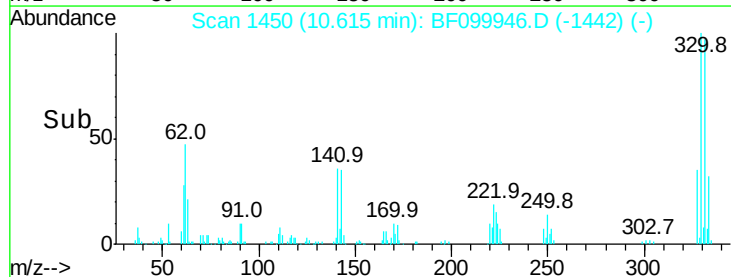
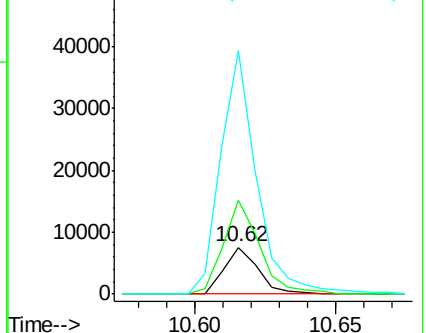
141 517.1 74.4 111.6#

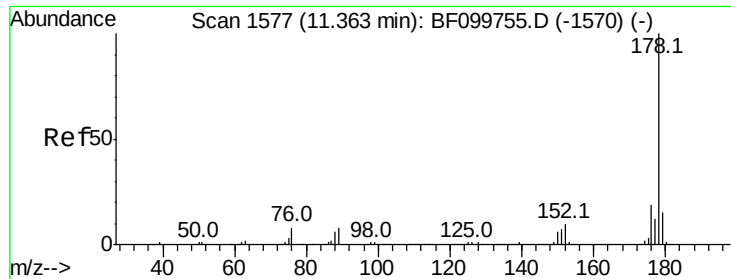


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

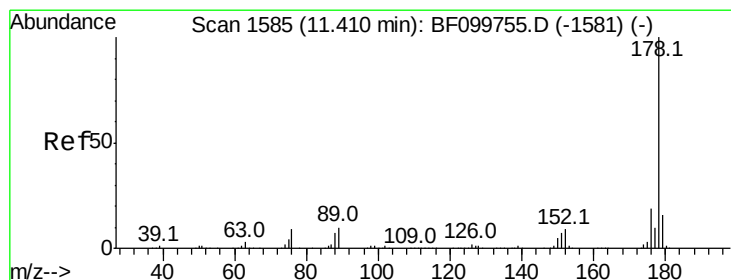
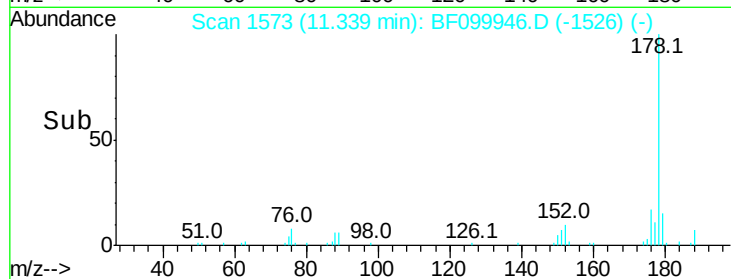
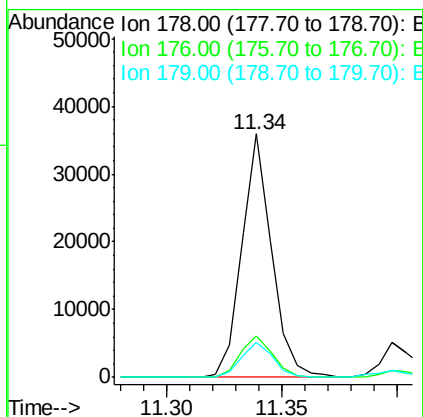
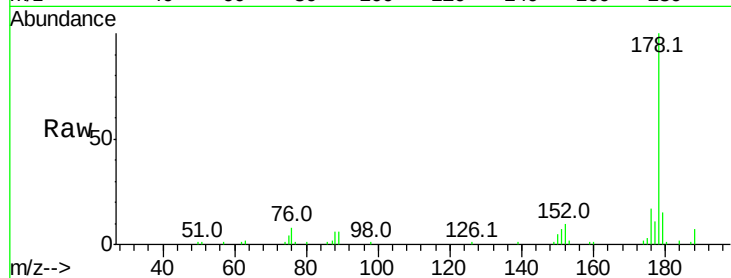




#70
Phenanthrene
Concen: 2.358 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099946.D
Acq: 29 Oct 2017 6:32

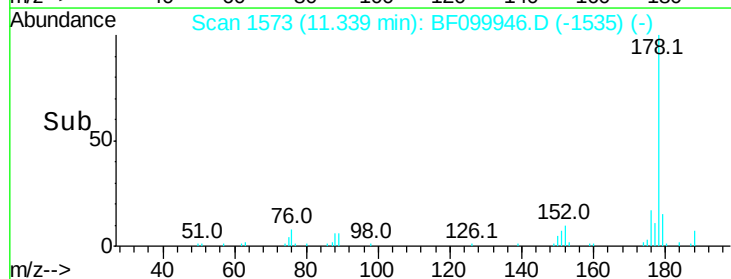
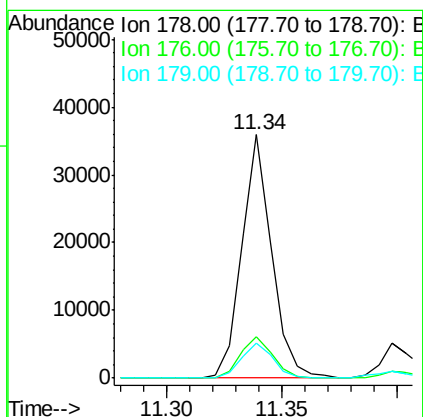
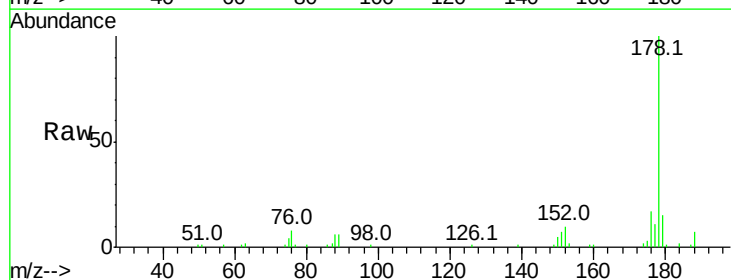
Instrument :
BNA_F
ClientSampled :

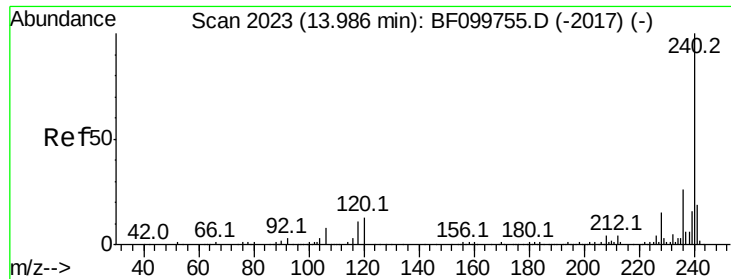
Tot Ion:178 Resp: 32545
Ion Ratio Lower Upper
178 100
176 17.2 15.8 23.8
179 14.5 13.0 19.6



#71
Anthracene
Concen: 2.323 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.08 min
Lab File: BF099946.D
Acq: 29 Oct 2017 6:32

Tgt Ion:178 Resp: 32545
Ion Ratio Lower Upper
178 100
176 17.2 15.4 23.2
179 14.5 12.6 19.0

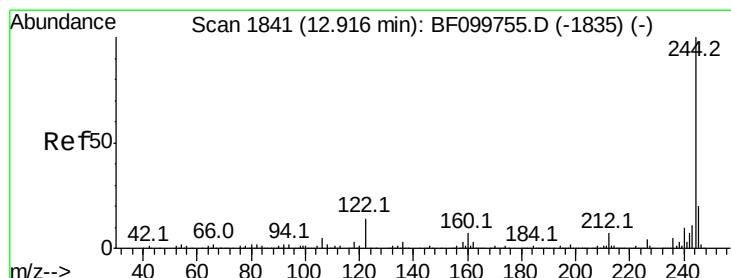
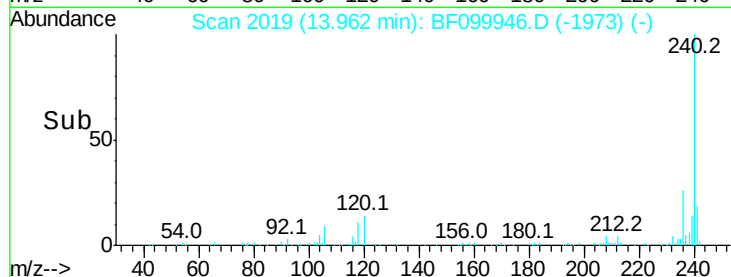
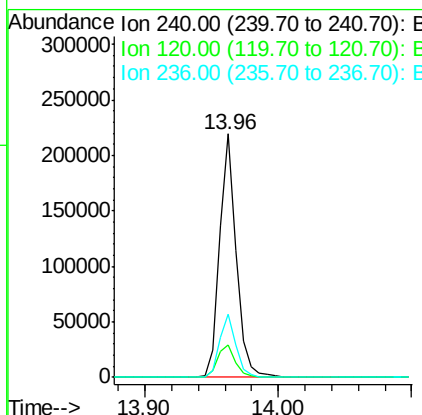
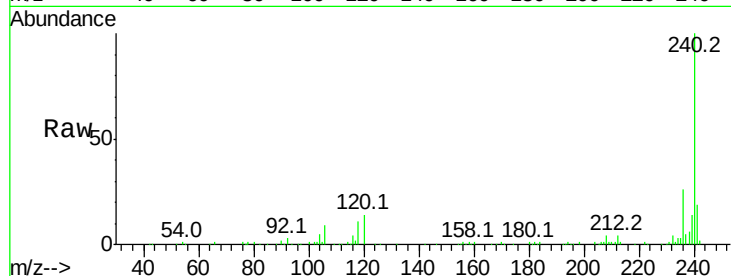




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

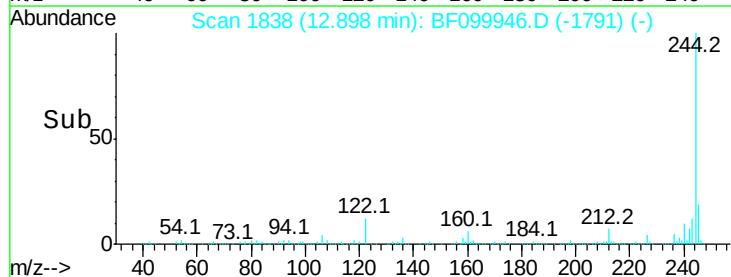
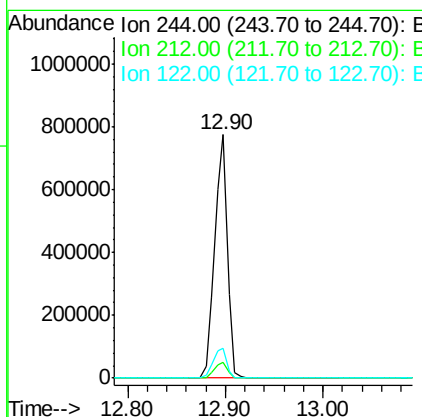
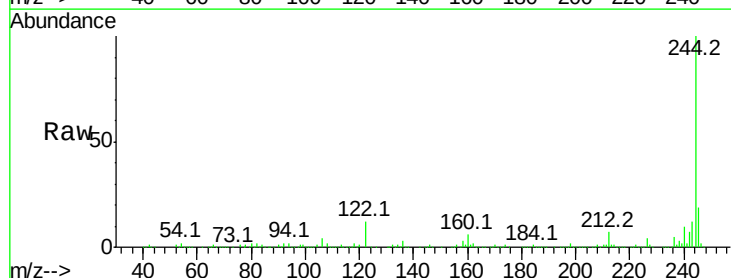
Instrument :
 BNA_F
 ClientSampled :

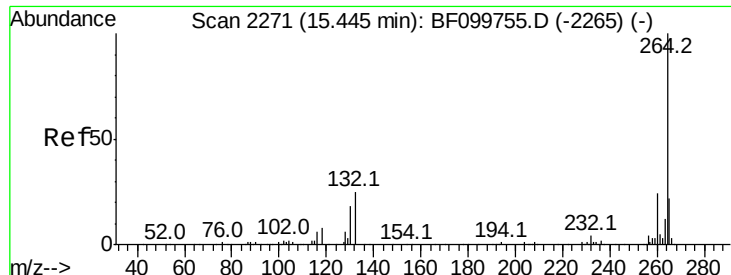
Tot Ion:240 Resp: 193348
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 78.624 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

Tgt Ion:244 Resp: 695612
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.1 11.0 16.4

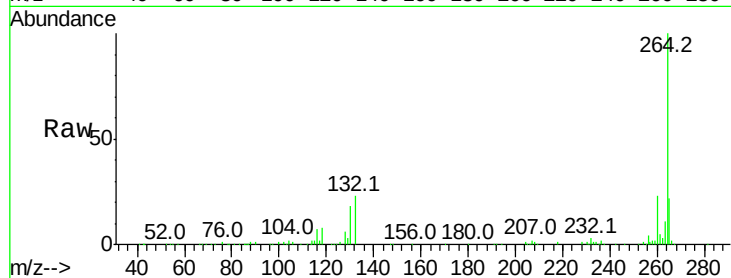




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.04 min
 Lab File: BF099946.D
 Acq: 29 Oct 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	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

