

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099948.D
 Acq On : 29 Oct 2017 7:27
 Operator : SJ/JU
 Sample : I6100-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:07:38 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

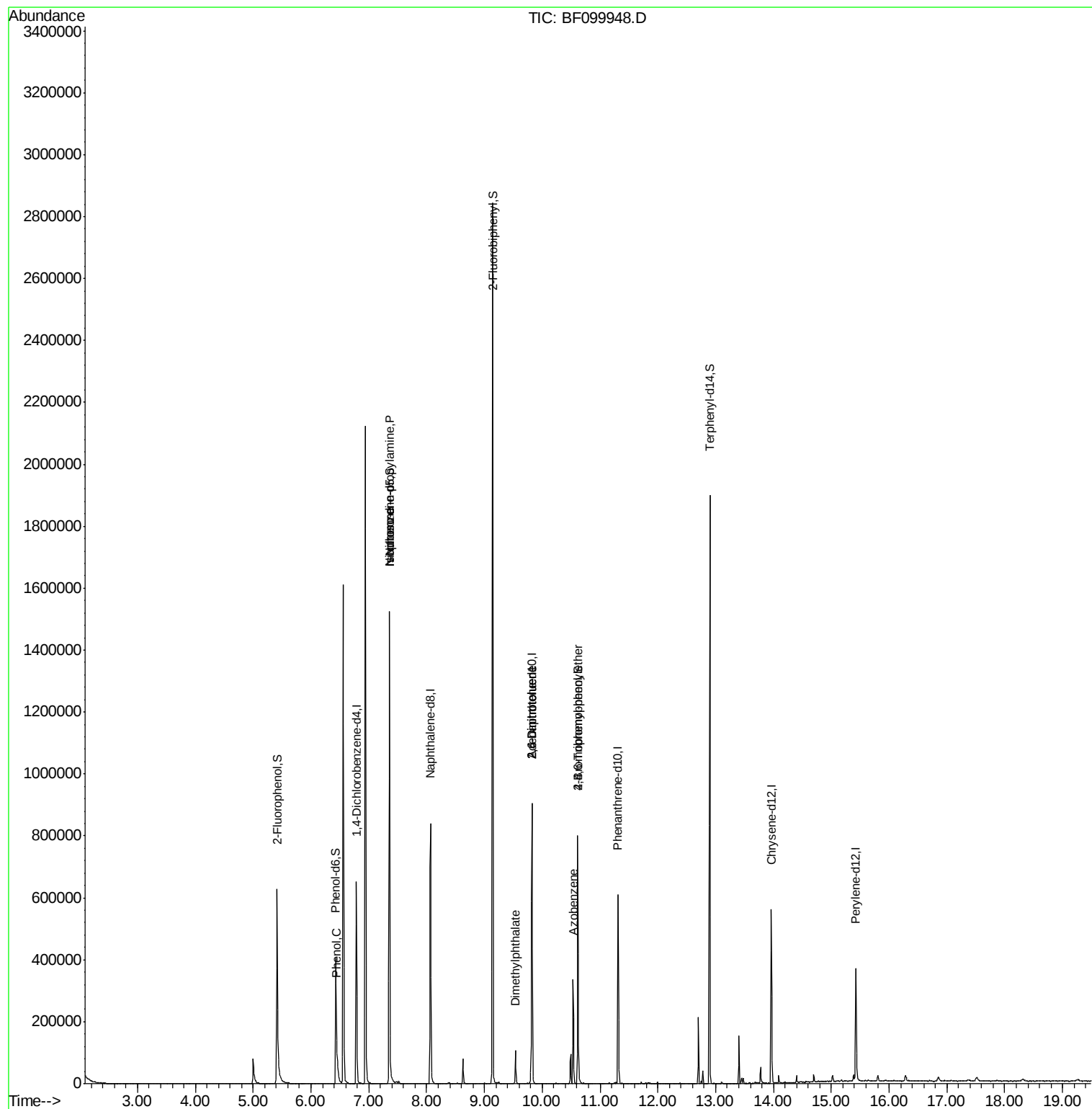
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110629	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	431037	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	175084	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	244116	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	192330	20.00	ng	-0.03
86) Perylene-d12	15.42	264	183850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	277472	39.38	ng	0.00
7) Phenol-d6	6.43	99	206737	24.74	ng	-0.01
23) Nitrobenzene-d5	7.36	82	554853	82.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	100870	63.22	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1035380	91.24	ng	-0.01
78) Terphenyl-d14	12.90	244	679482	77.21	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	20129	2.194	ng	85
19) n-Nitroso-di-n-propylamine	7.36	70	68008	13.889	ng	# 72
25) Isophorone	7.36	82	554853	45.671	ng	# 64
49) Dimethylphthalate	9.54	163	48242	3.479	ng	99
50) 2,6-Dinitrotoluene	9.82	165	21565	7.398	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21565	6.143	ng	# 21
62) Azobenzene	10.53	77	51139	4.506	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	6294	2.449	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099948.D
Acq On : 29 Oct 2017 7:27
Operator : SJ/JU
Sample : I6100-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 02:07:38 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



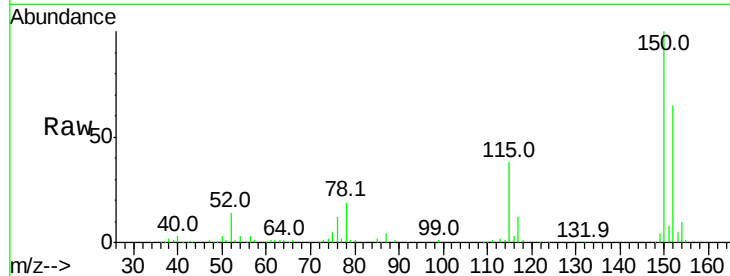


#1

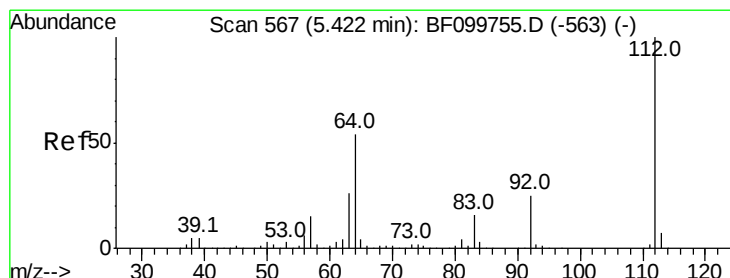
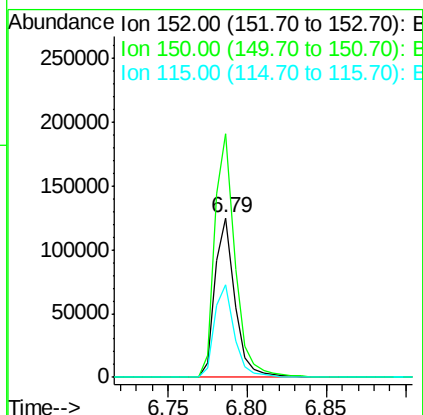
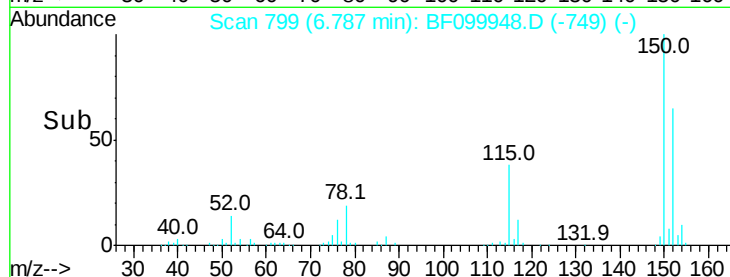
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 110629
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.6 186.8
 115 57.7 50.1 75.1



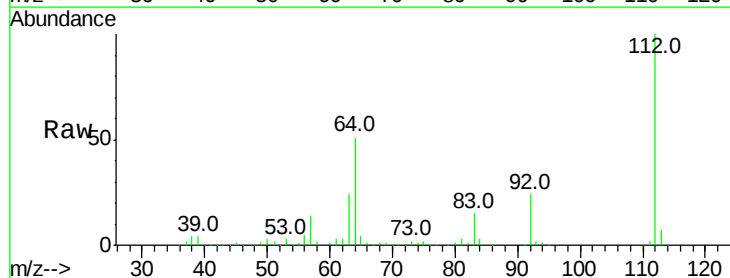
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



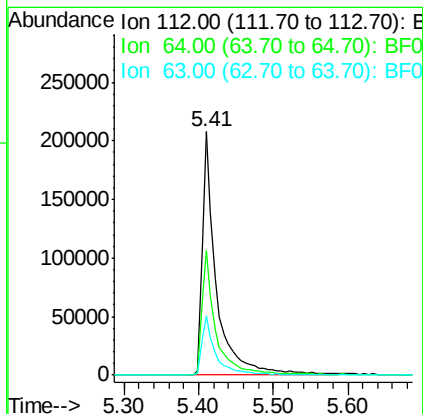
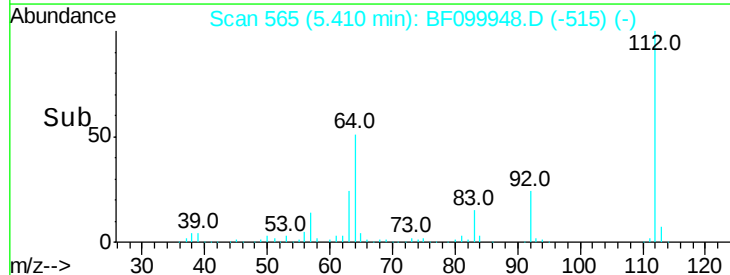
#5

2-Fluorophenol
 Concen: 39.377 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Tgt Ion:112 Resp: 277472
 Ion Ratio Lower Upper
 112 100
 64 51.0 47.9 71.9
 63 24.2 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: 24.743 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099948.D

Acq: 29 Oct 2017 7:27

Instrument :

BNA_F

ClientSampleId :

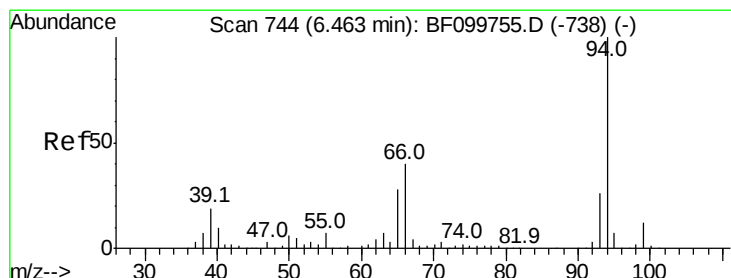
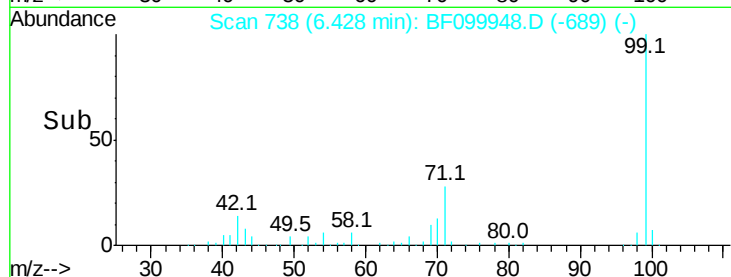
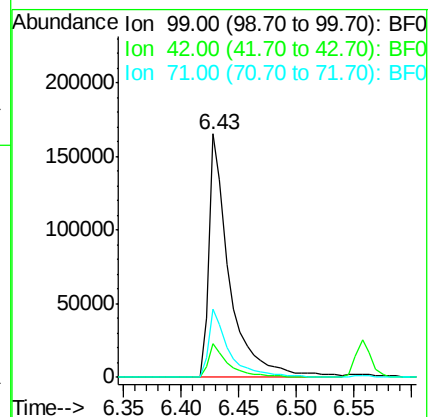
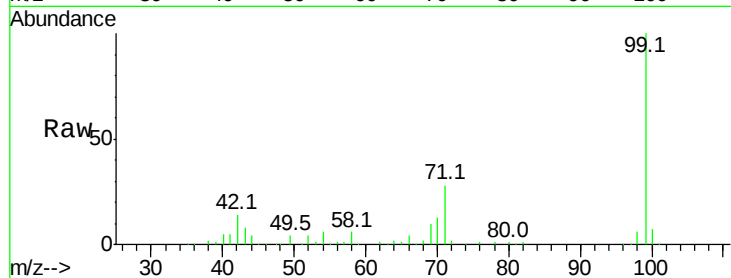
Tot Ion: 99 Resp: 206737

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

71 28.3 25.4 38.0



#10

Phenol

Concen: 2.194 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099948.D

Acq: 29 Oct 2017 7:27

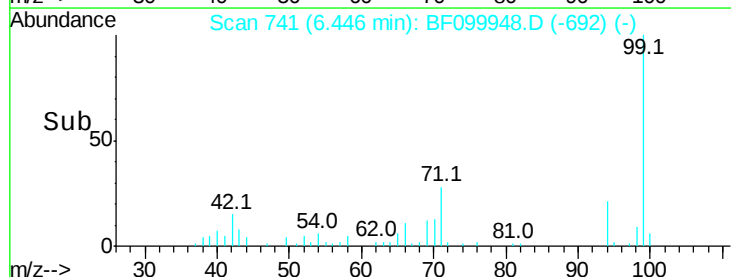
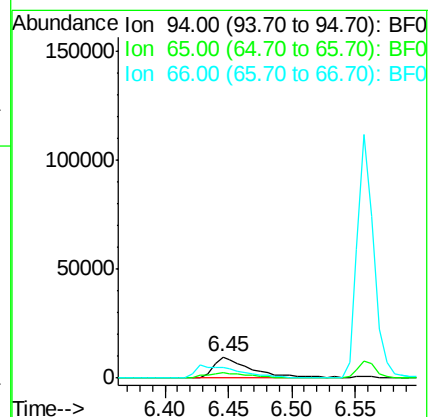
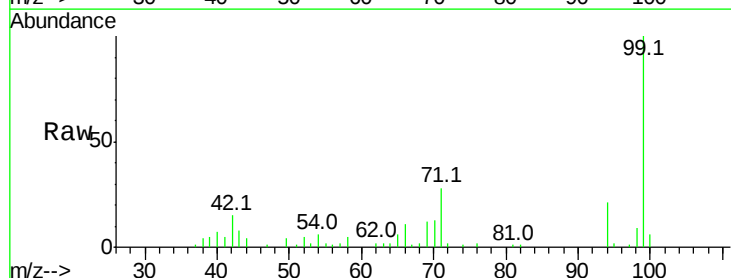
Tgt Ion: 94 Resp: 20129

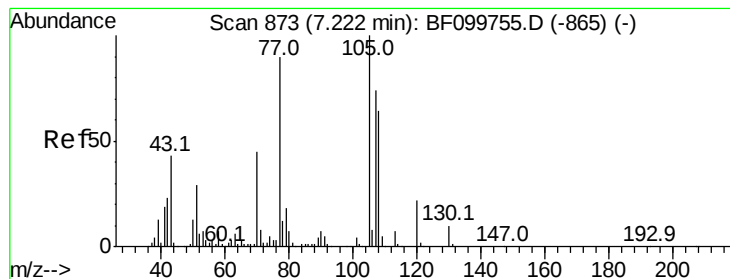
Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

66 51.2 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 13.889 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099948.D

Acq: 29 Oct 2017 7:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68008

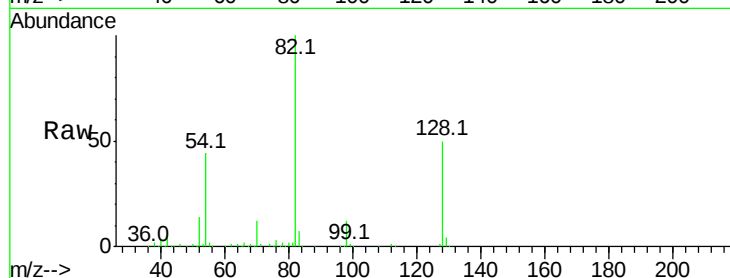
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

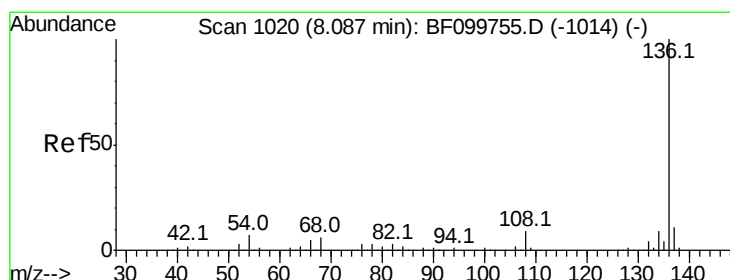
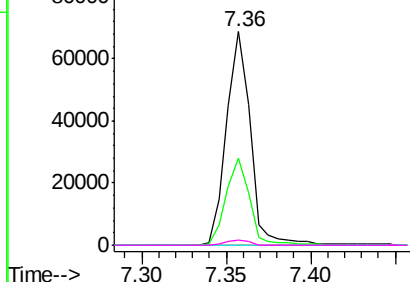
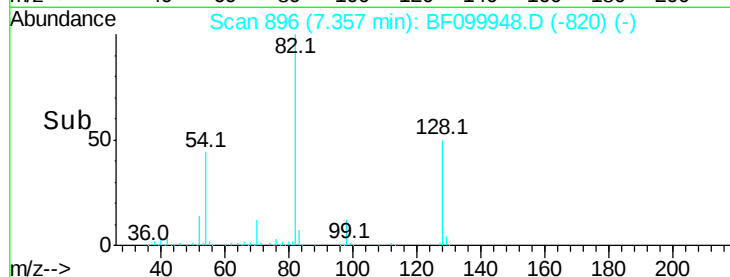


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099948.D

Acq: 29 Oct 2017 7:27

Tgt Ion:136 Resp: 431037

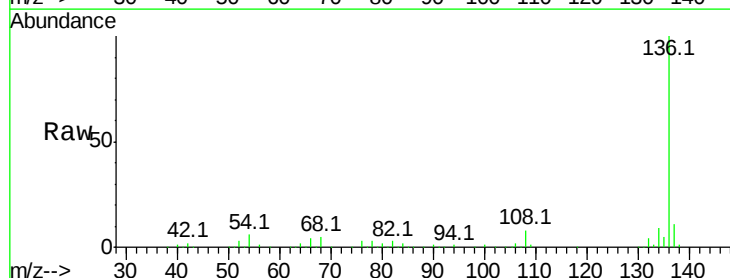
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.0 6.6 9.8#

68 5.2 5.0 7.4

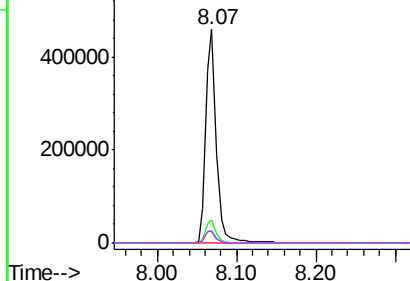
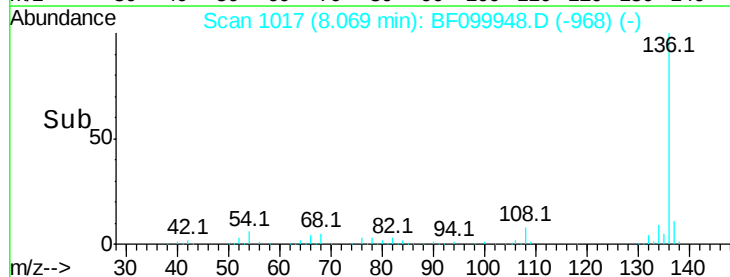


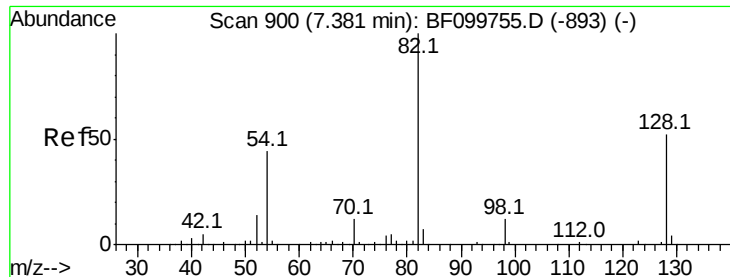
Abundance Ion 136.00 (135.70 to 136.70): E

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

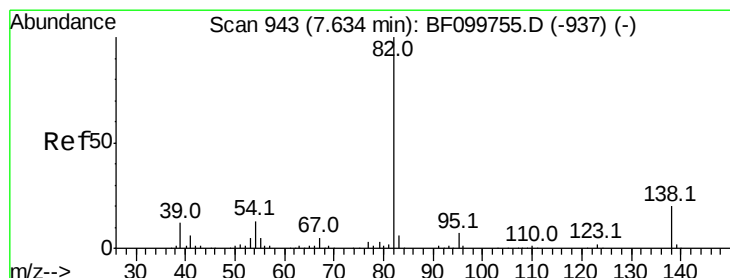
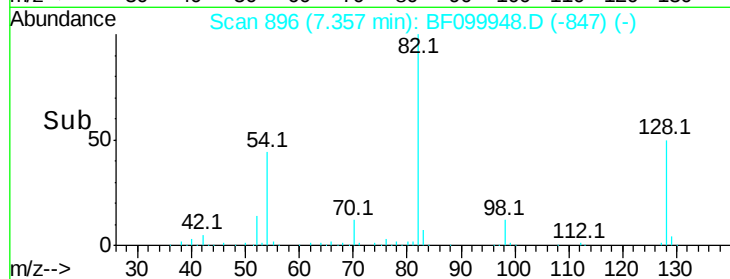
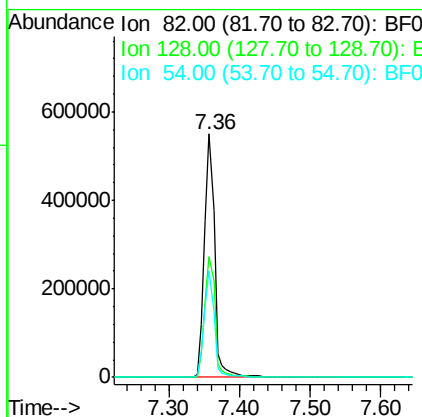
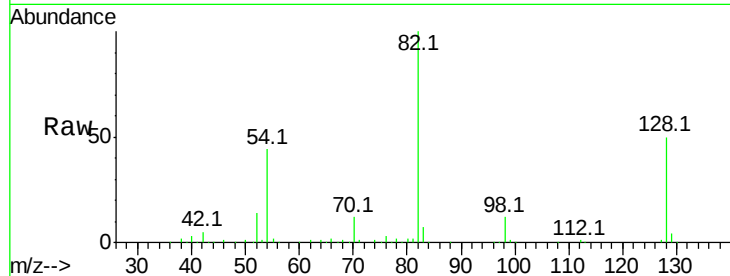




#23
 Nitrobenzene-d5
 Concen: 82.874 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

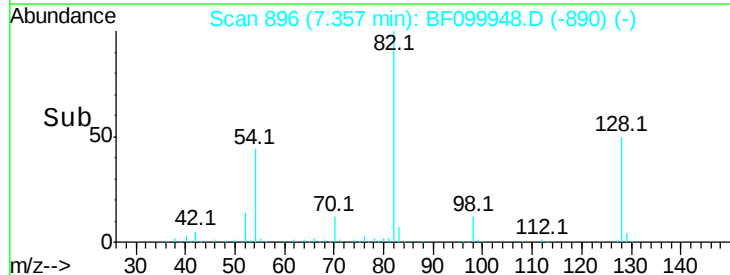
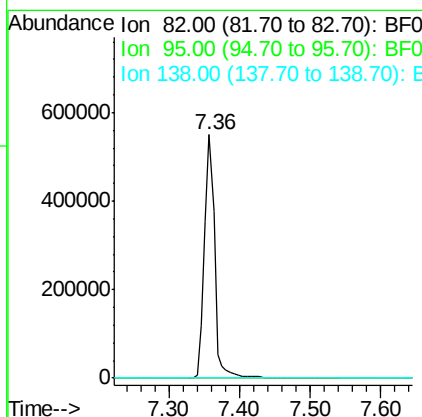
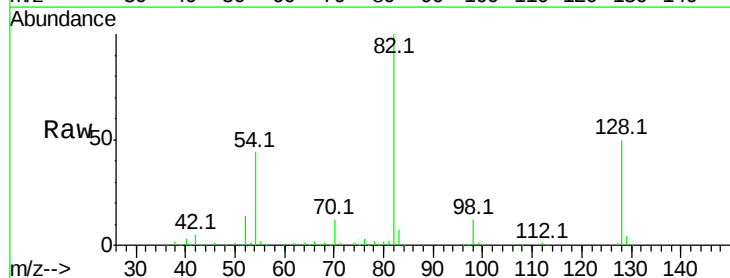
Instrument :
 BNA_F
 ClientSampleId :

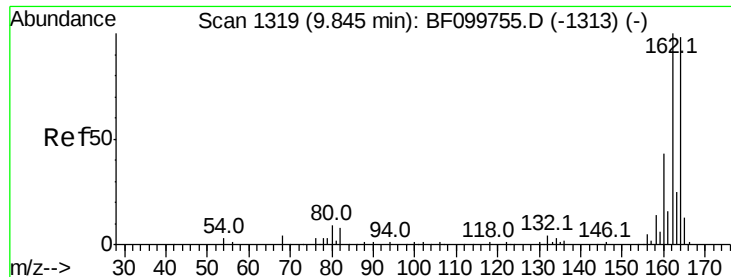
Tot Ion	82	Resp	554853
Ion Ratio	100	Lower	Upper
128	49.6	36.1	54.1
54	43.8	41.4	62.2



#25
 Isophorone
 Concen: 45.671 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Tgt Ion	82	Resp	554853
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

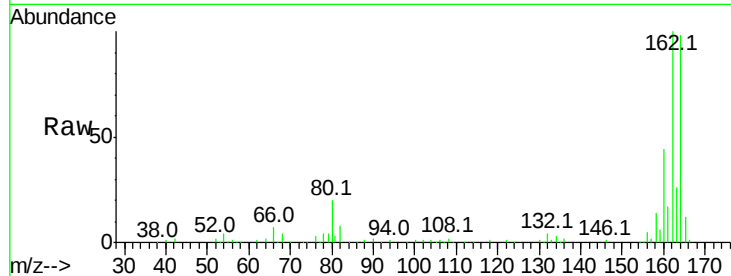




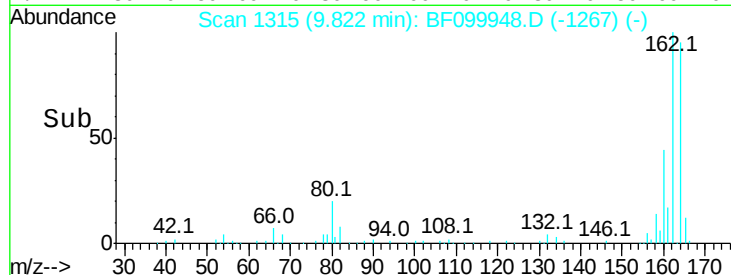
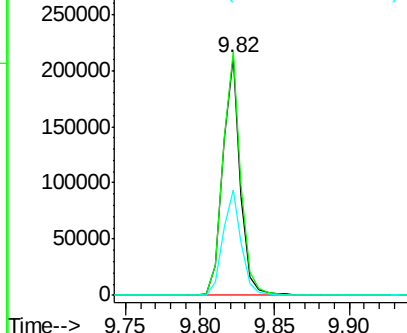
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099948.D
Acq: 29 Oct 2017 7:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 175084
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 44.4 38.3 57.5

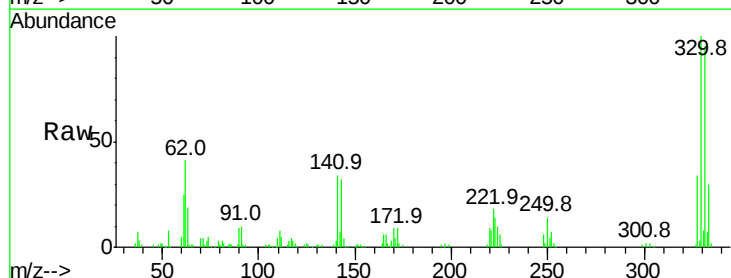


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

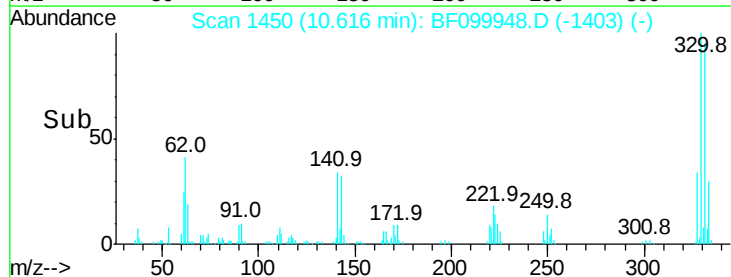
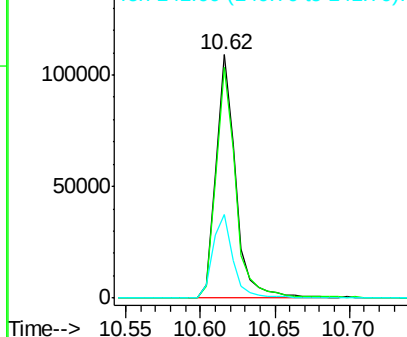


#41
2,4,6-Tribromophenol
Concen: 63.219 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099948.D
Acq: 29 Oct 2017 7:27

Tgt Ion:330 Resp: 100870
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 35.2 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

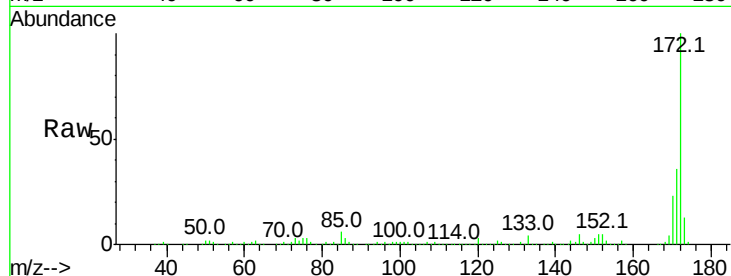




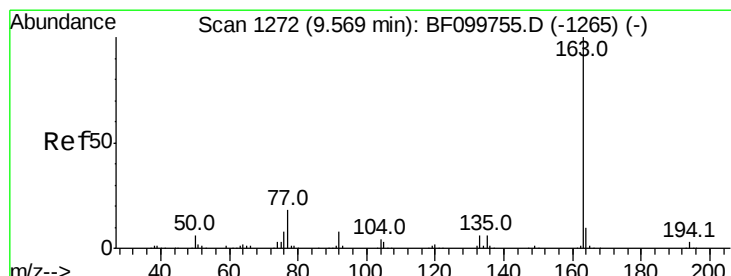
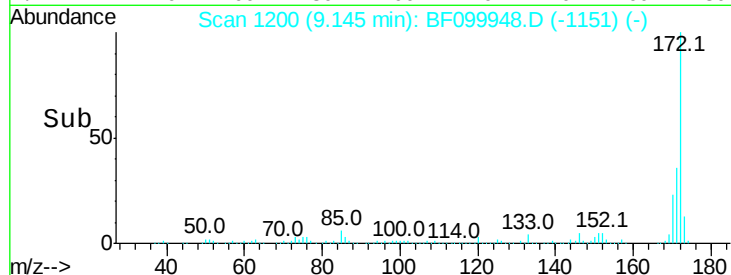
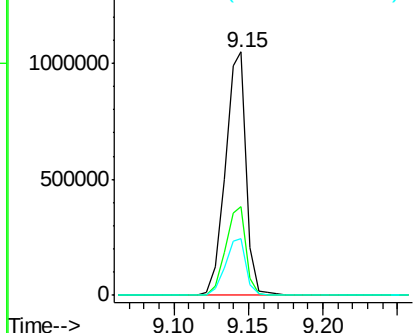
#44
2-Fluorobiphenyl
Concen: 91.238 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099948.D
Acq: 29 Oct 2017 7:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1035380
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.4 19.6 29.4

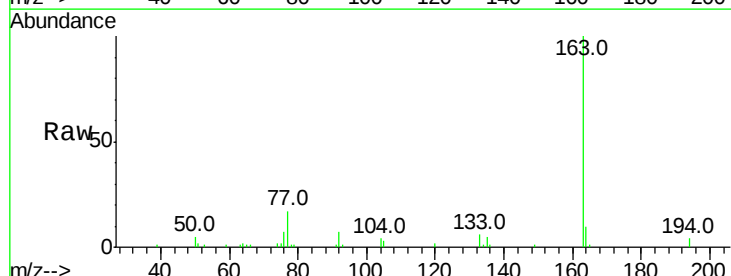


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

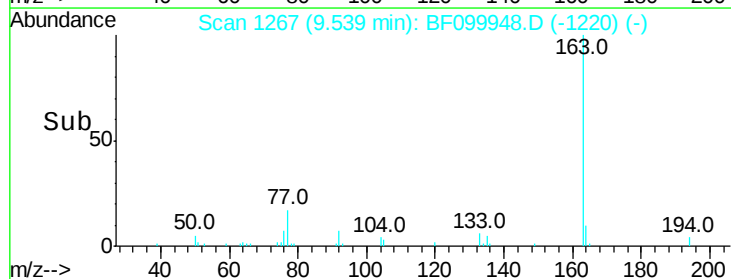
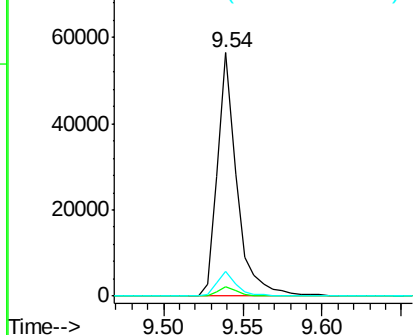


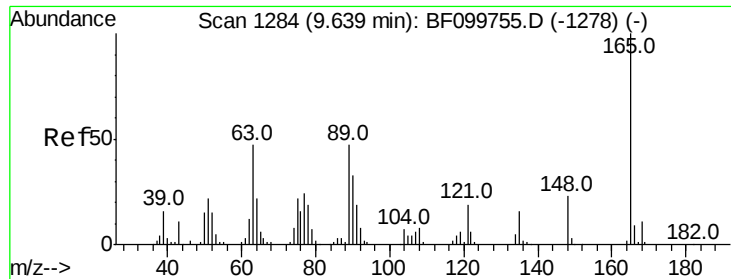
#49
Dimethylphthalate
Concen: 3.479 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099948.D
Acq: 29 Oct 2017 7:27

Tgt Ion:163 Resp: 48242
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 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

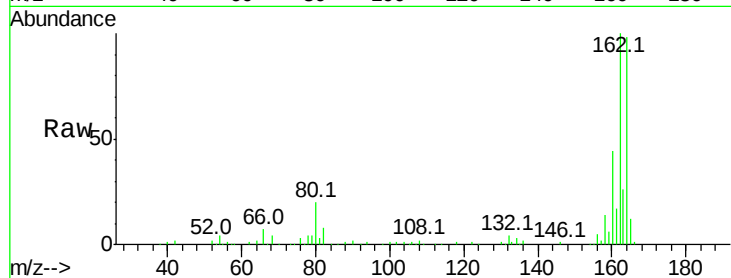




#50
 2,6-Dinitrotoluene
 Concen: 7.398 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :

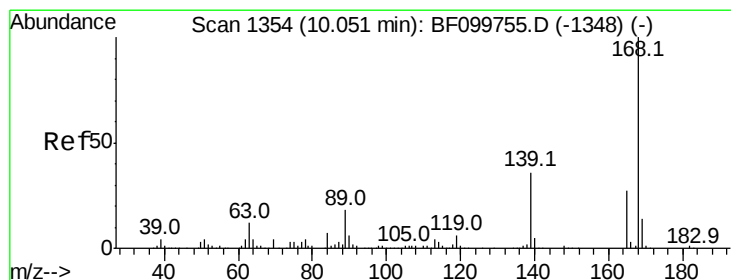
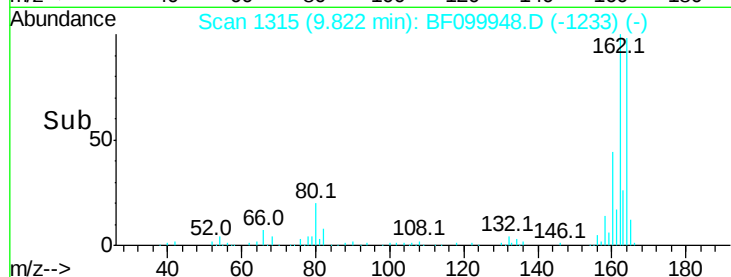
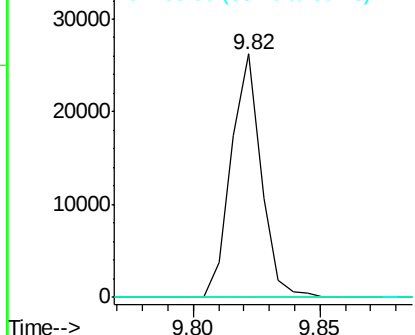
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

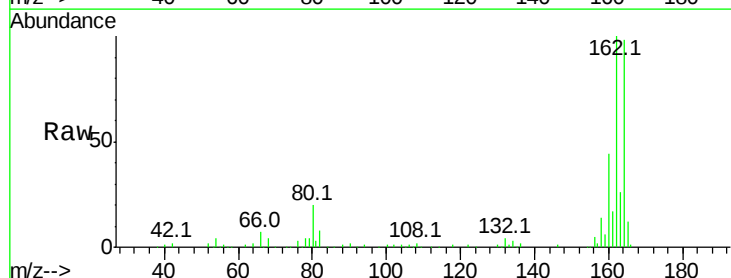
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.143 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Tgt 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#

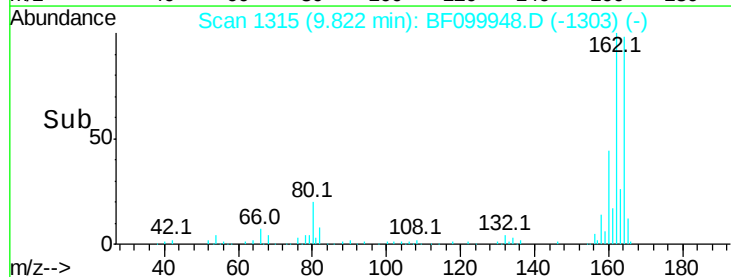
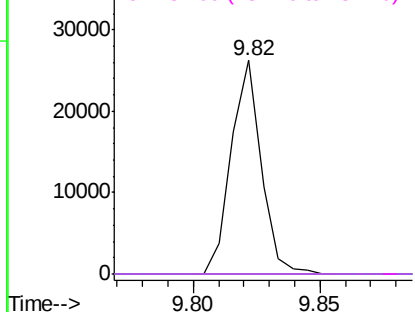


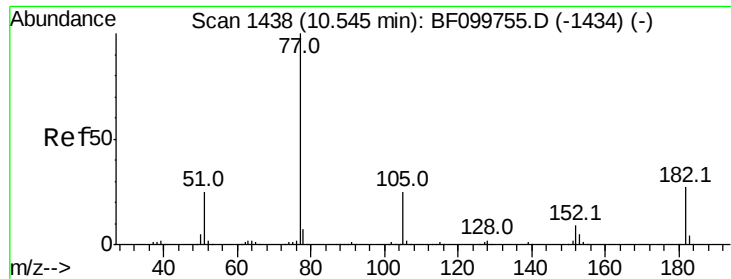
Abundance Ion 165.00 (164.70 to 165.70): E

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

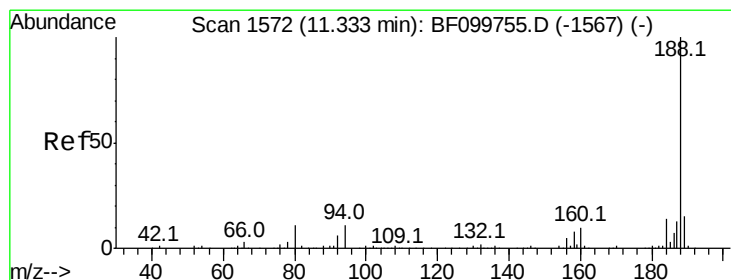
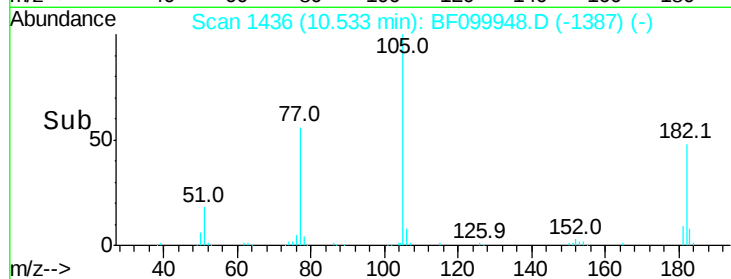
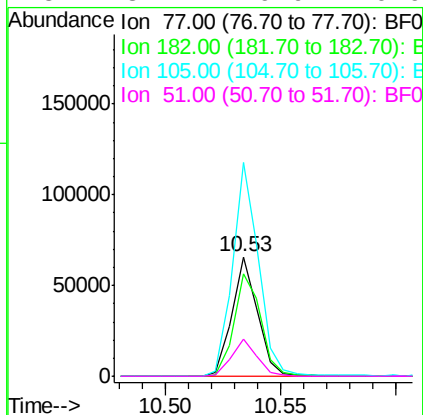
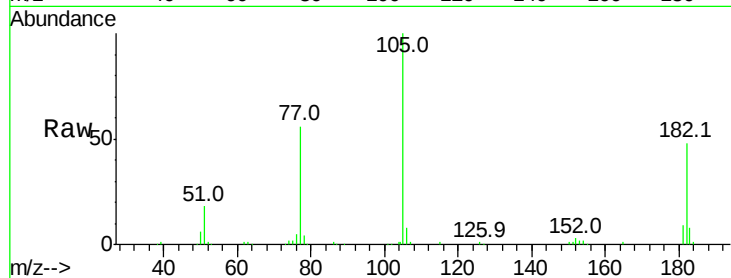




#62
Azobenzene
Concen: 4.506 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF099948.D
Acq: 29 Oct 2017 7:27

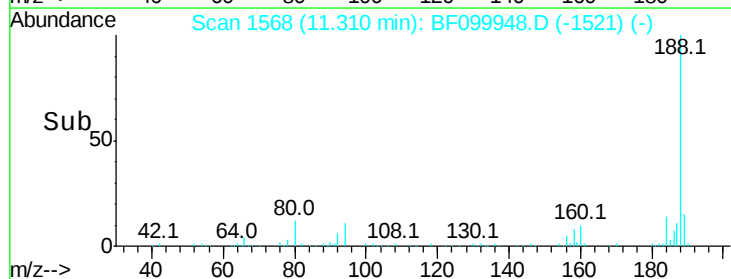
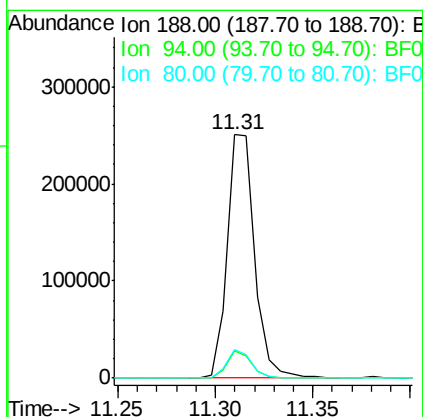
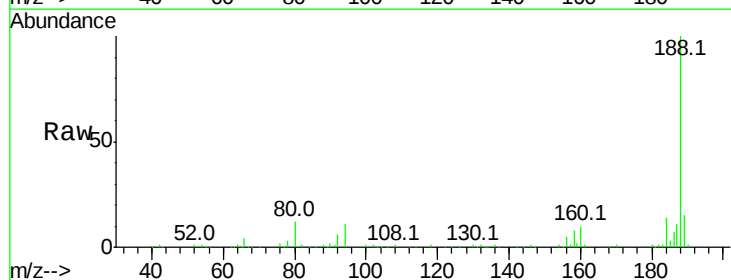
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 51139
Ion Ratio Lower Upper
77 100
182 86.2 1.7 41.7#
105 179.3 3.0 43.0#
51 31.7 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099948.D
Acq: 29 Oct 2017 7:27

Tgt Ion: 188 Resp: 244116
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.9 9.2 13.8

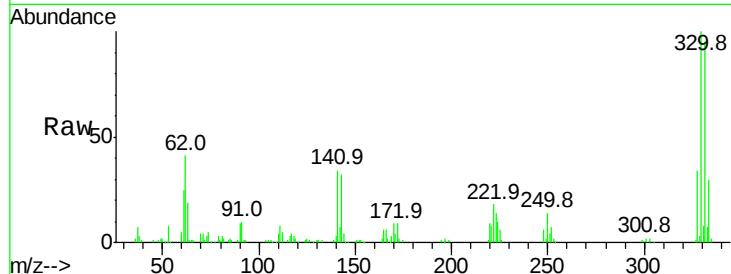




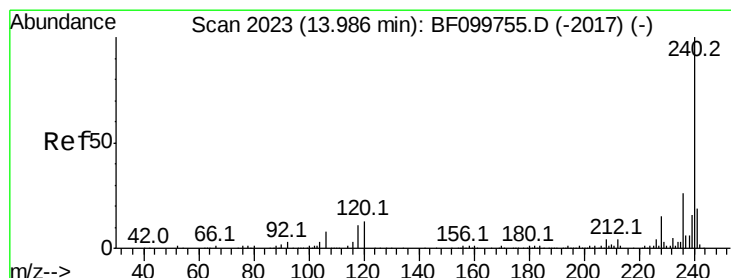
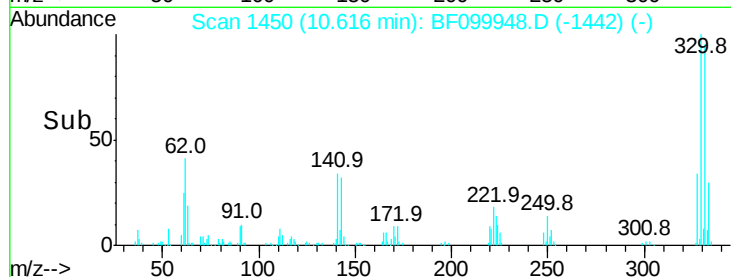
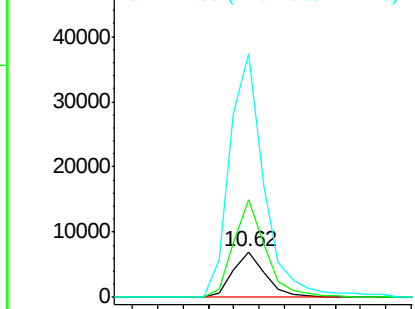
#66
 4-Bromophenyl-phenylether
 Concen: 2.449 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	214.9	76.9	115.3#	
141	536.6	74.4	111.6#	

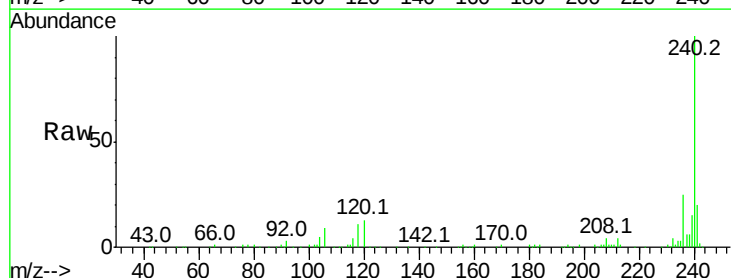


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

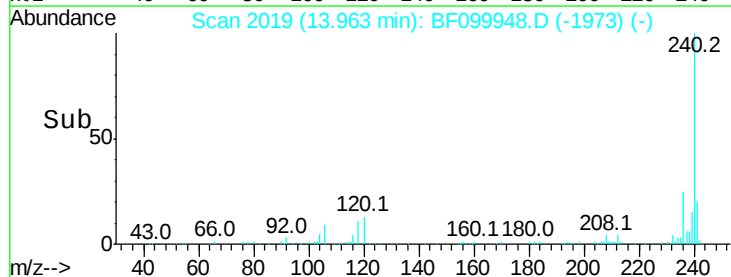
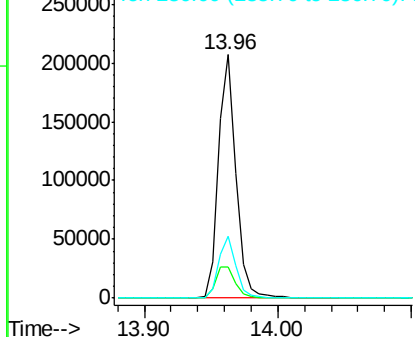


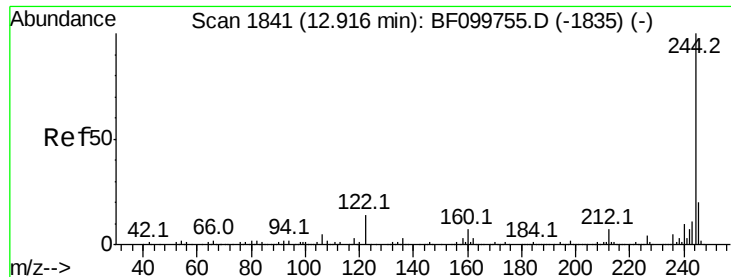
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099948.D
 Acq: 29 Oct 2017 7:27

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	13.0	9.5	14.3	
236	25.2	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: 77.207 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099948.D

Acq: 29 Oct 2017 7:27

Instrument :

BNA_F

ClientSampled :

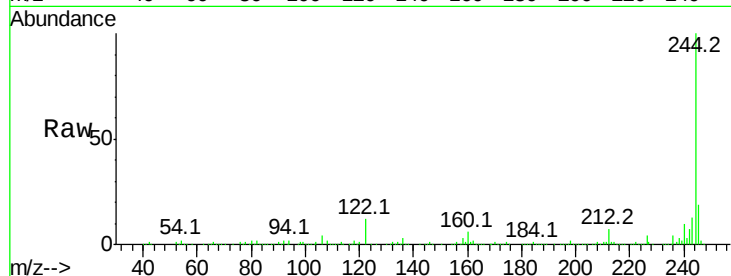
Tot Ion:244 Resp: 679482

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

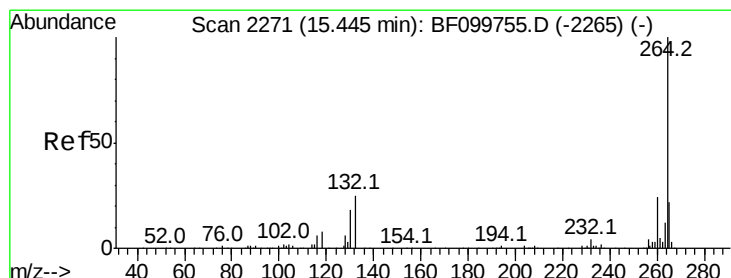
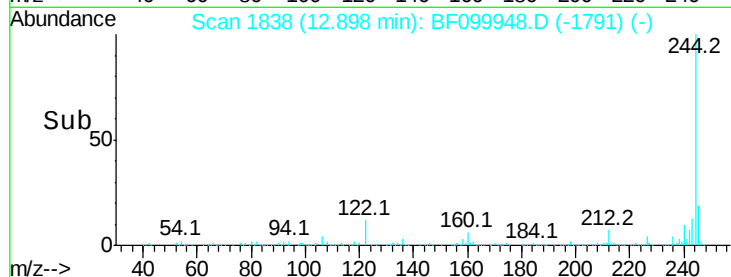
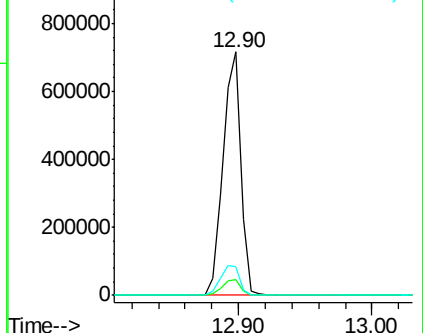
122 11.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.04 min

Lab File: BF099948.D

Acq: 29 Oct 2017 7:27

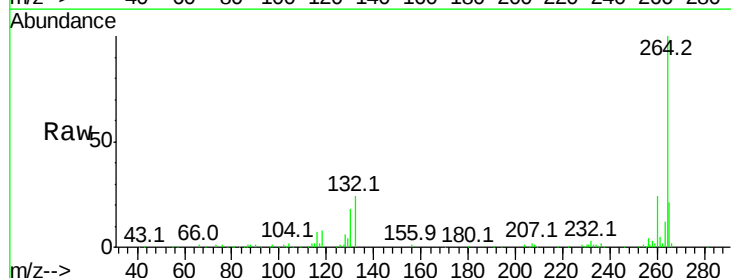
Tgt Ion:264 Resp: 183850

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

