

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099215.D
 Acq On : 8 Oct 2017 2:26
 Operator : SJ/JU
 Sample : I5604-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:42:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

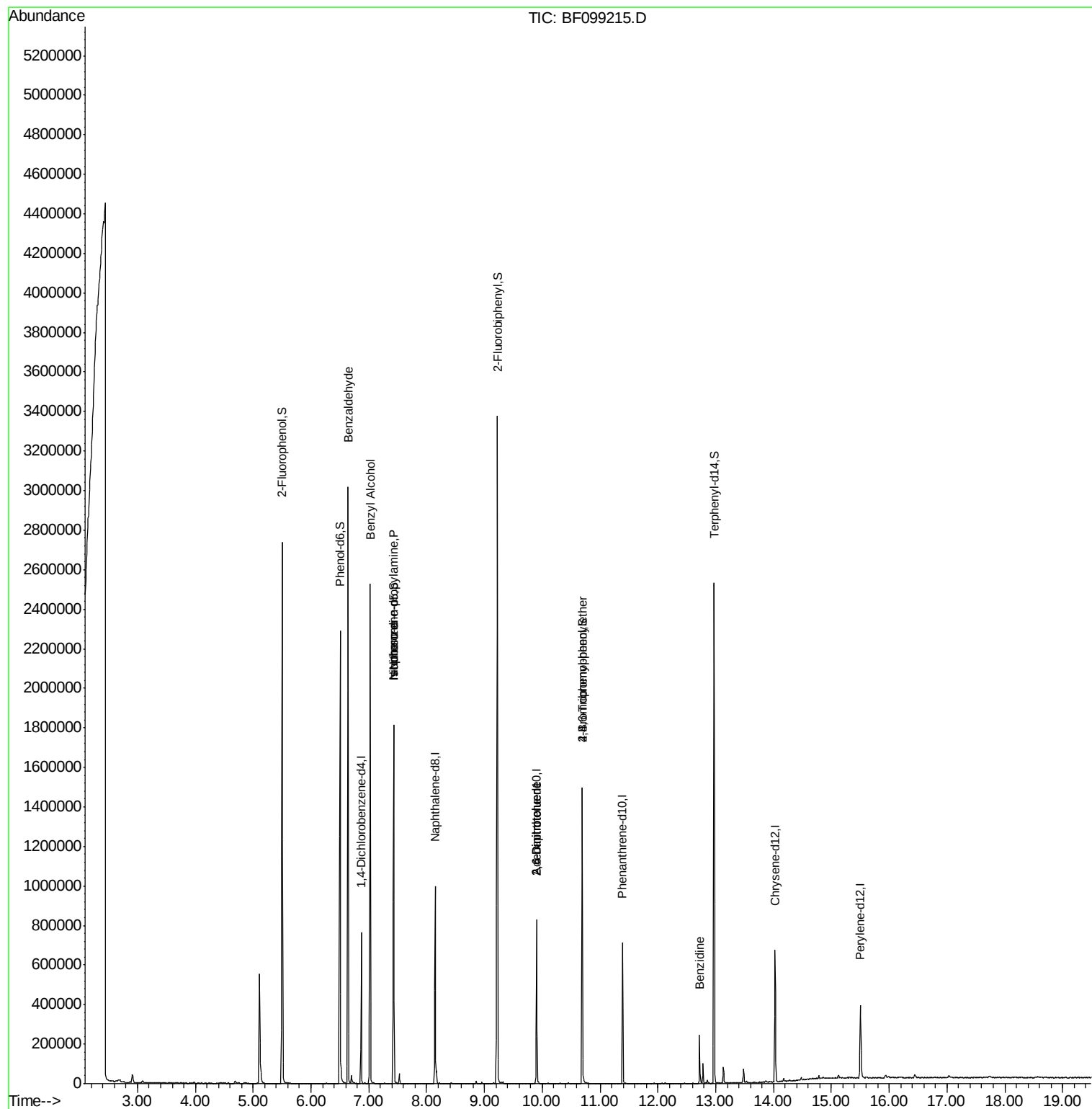
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115158	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	436575	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	166352	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	253258	20.00	ng	0.00
75) Chrysene-d12	14.03	240	203920	20.00	ng	0.00
86) Perylene-d12	15.50	264	156555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	863105	119.31	ng	0.02
7) Phenol-d6	6.50	99	892924	100.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	644116	94.62	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	175279	128.77	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1103893	110.78	ng	0.00
78) Terphenyl-d14	12.97	244	812463	90.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	18384	3.551	ng	85
15) Benzyl Alcohol	7.02	79	17022	2.600	ng	# 50
19) n-Nitroso-di-n-propylamine	7.43	70	82619	14.501	ng	# 74
25) Isophorone	7.43	82	644111	45.763	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	21081	7.712	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	21081	5.943	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	11460	4.623	ng	# 1
76) Benzidine	12.72	184	96740	12.826	ng	97

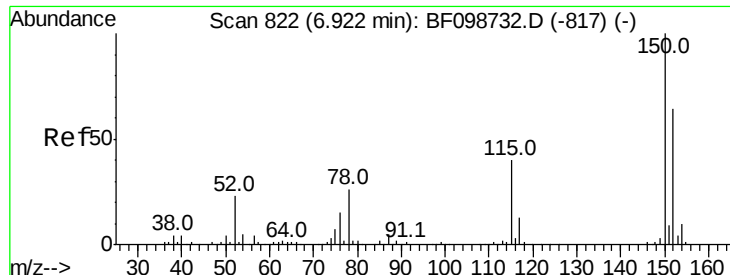
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099215.D
Acq On : 8 Oct 2017 2:26
Operator : SJ/JU
Sample : I5604-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 08 03:42:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



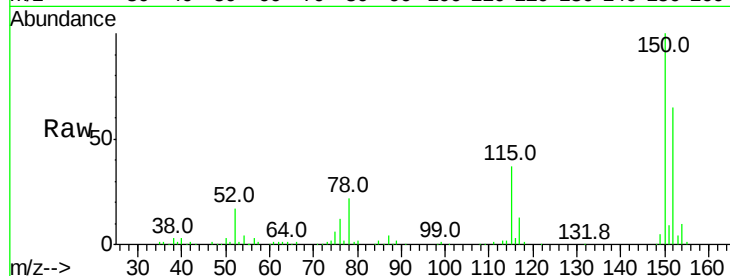


#1

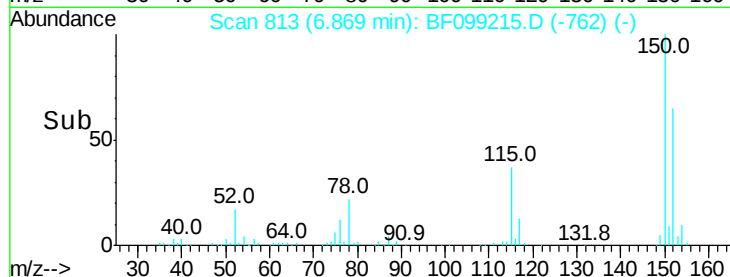
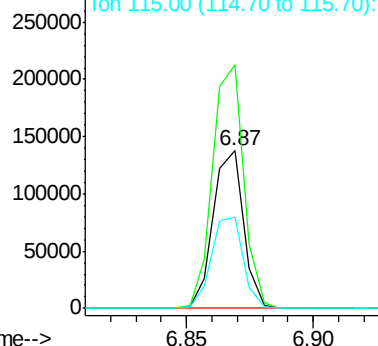
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 115158
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 57.5 50.1 75.1



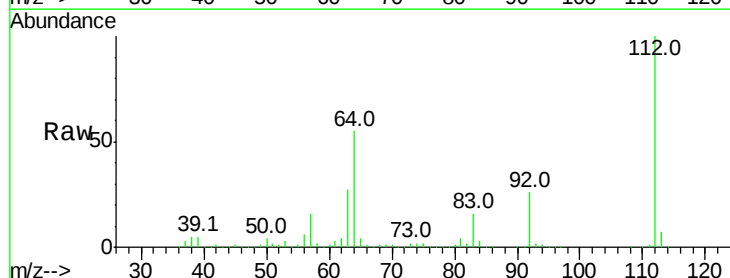
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



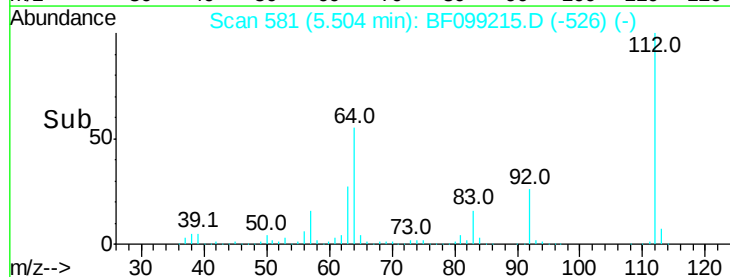
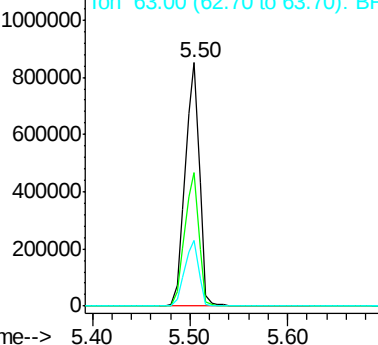
#5

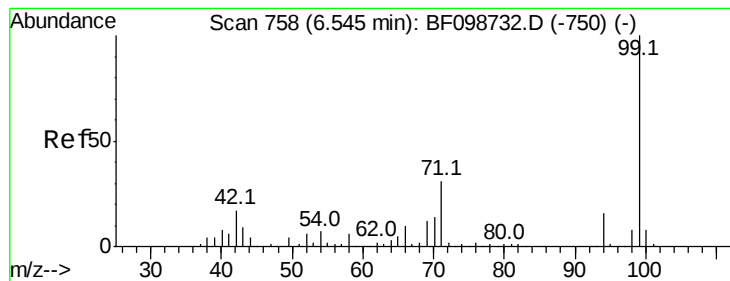
2-Fluorophenol
 Concen: 119.312 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

Tgt Ion:112 Resp: 863105
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.9 71.9
 63 27.0 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: 100.059 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

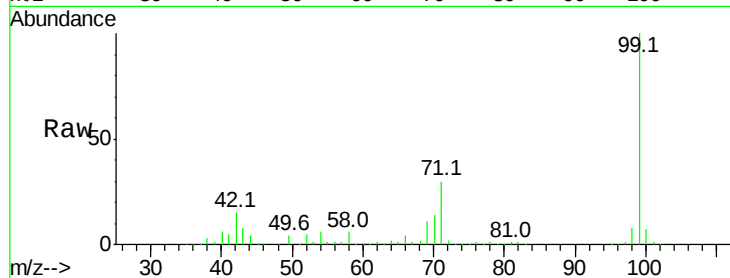
Tot Ion: 99 Resp: 892924

Ion Ratio Lower Upper

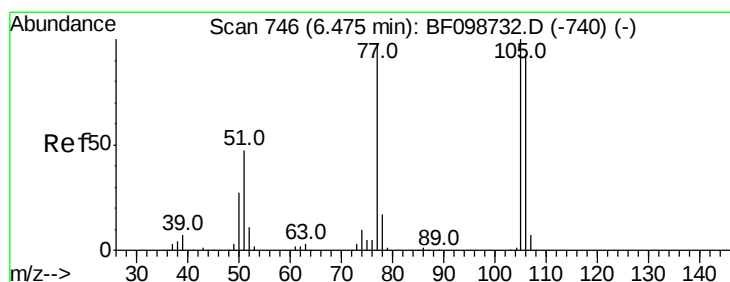
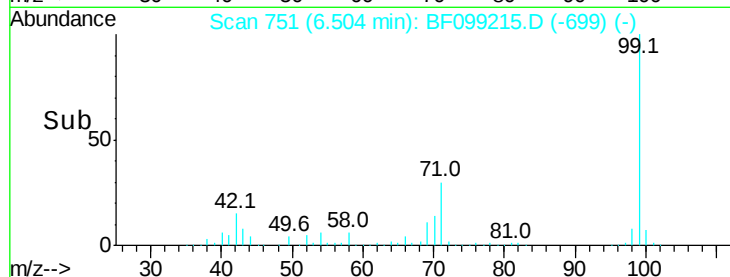
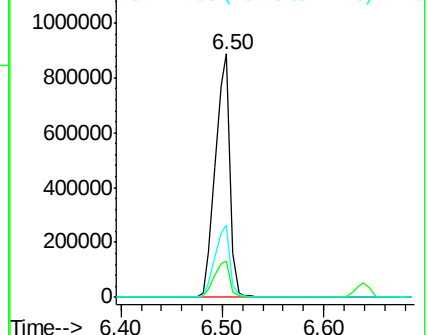
99 100

42 15.1 14.5 21.7

71 29.8 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: 3.551 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

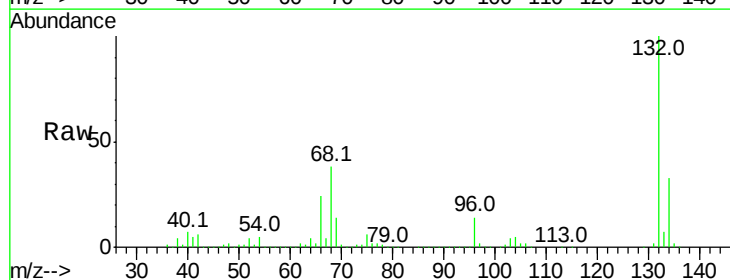
Tgt Ion: 77 Resp: 18384

Ion Ratio Lower Upper

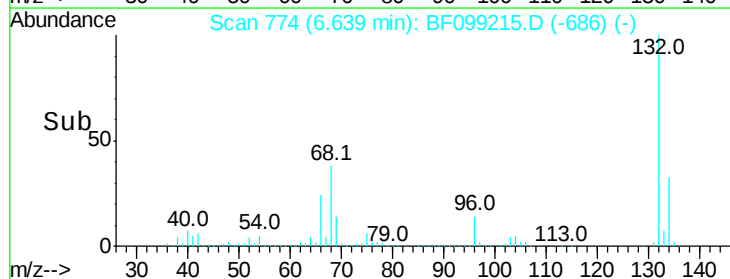
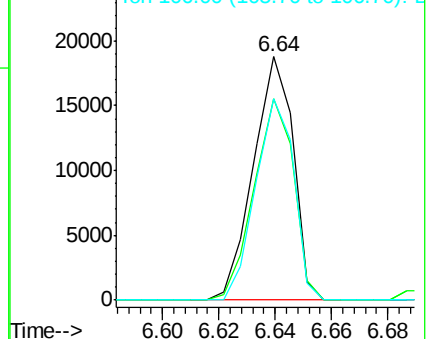
77 100

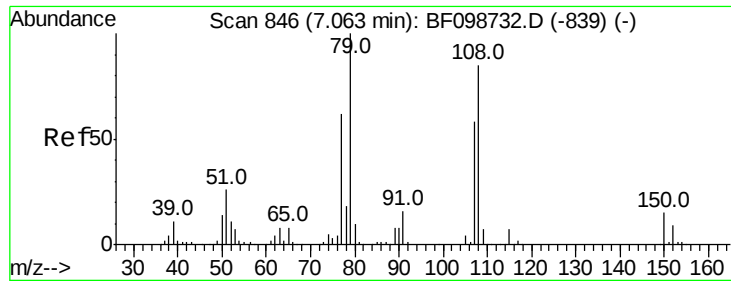
105 82.6 81.1 121.1

106 82.9 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

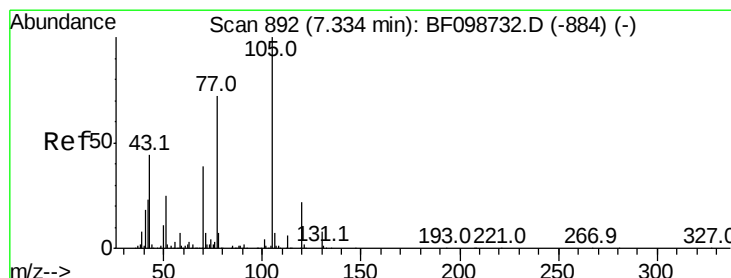
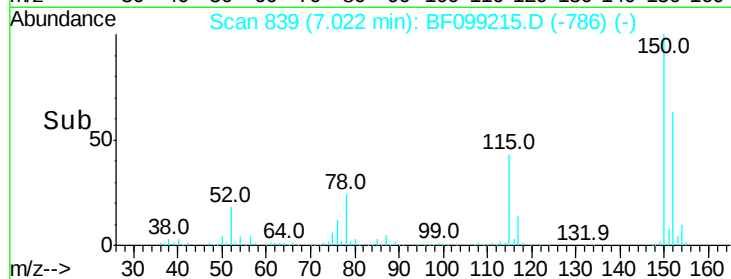
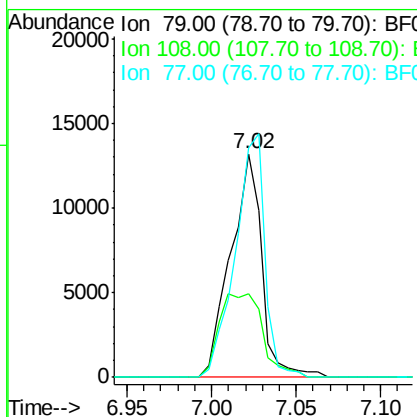
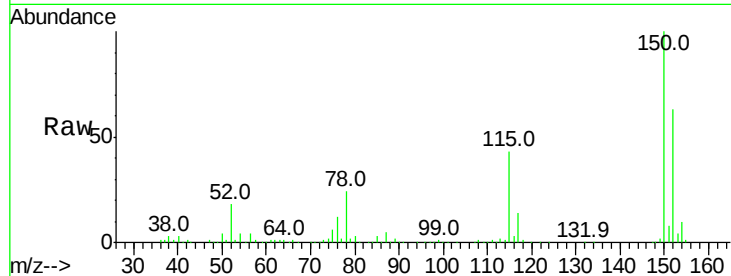




#15
Benzyl Alcohol
Concen: 2.600 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

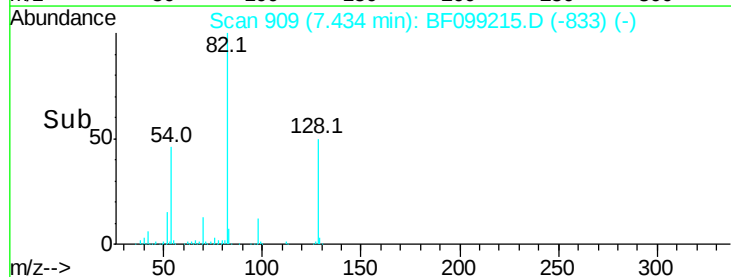
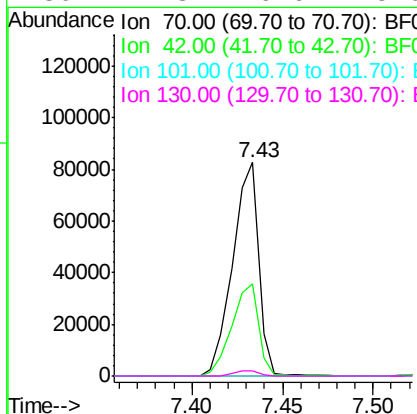
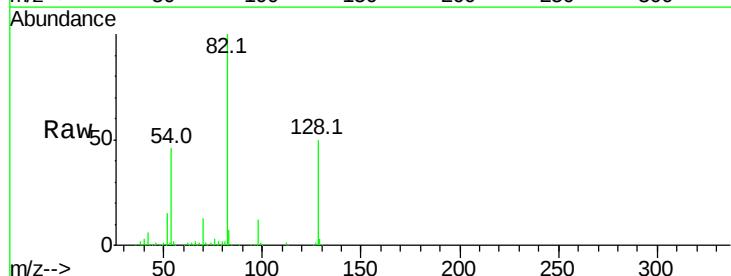
Instrument :
BNA_F
ClientSampleId :

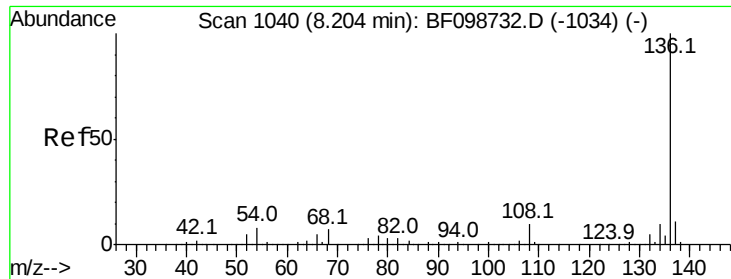
Tot Ion: 79 Resp: 17022
Ion Ratio Lower Upper
79 100
108 37.5 65.1 97.7#
77 102.8 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.501 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Tgt Ion: 70 Resp: 82619
Ion Ratio Lower Upper
70 100
42 43.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

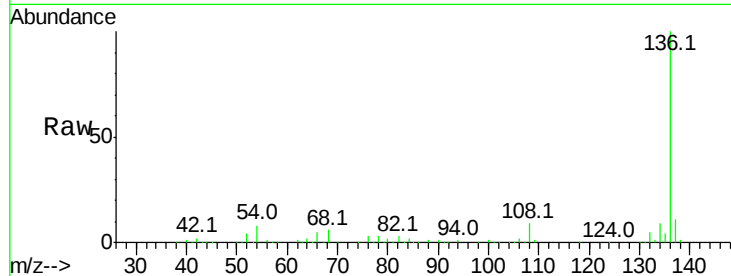




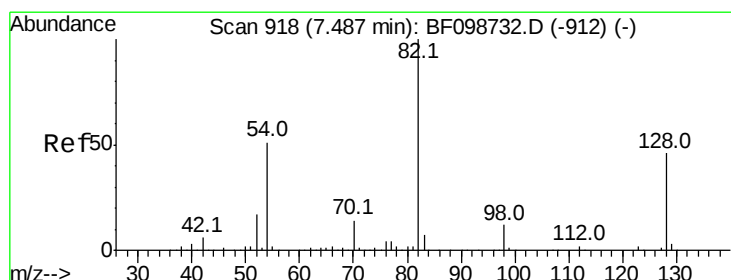
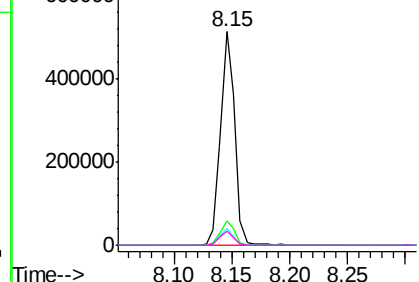
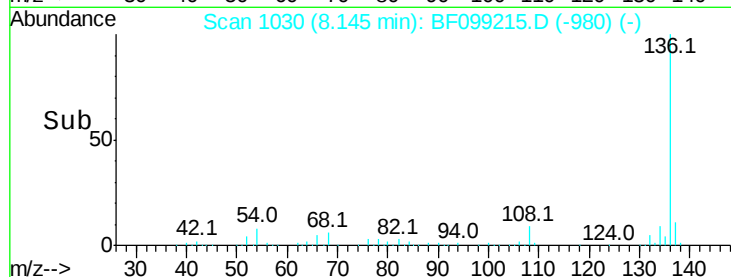
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	436575
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.4	5.0	7.4

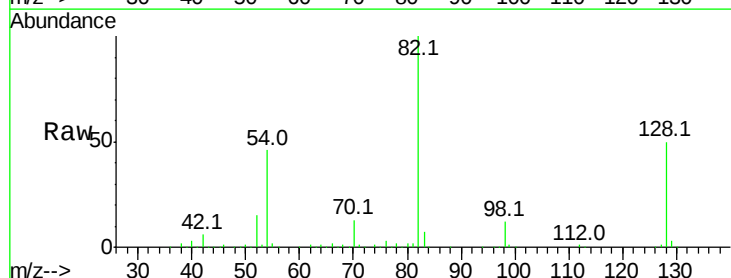


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
Ion 68.00 (67.70 to 68.70): BF0
200000
0

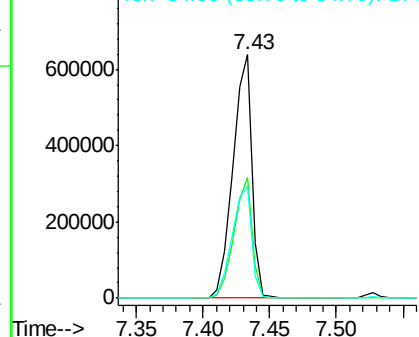
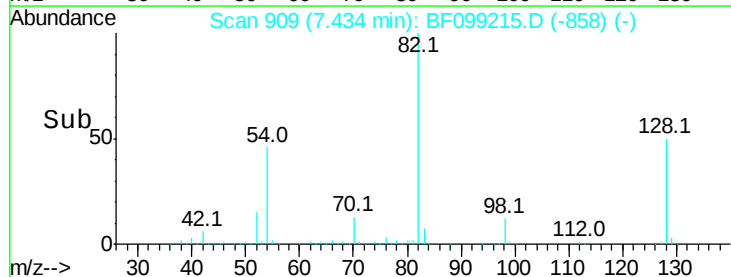


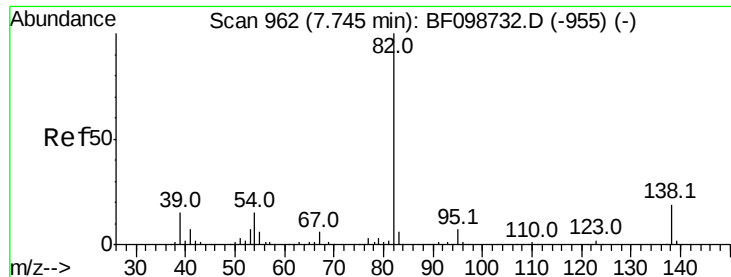
#23
Nitrobenzene-d5
Concen: 94.617 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Tgt Ion:	82	Resp:	644116
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	46.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
800000
Ion 128.00 (127.70 to 128.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
200000
0





#25

Isophorone

Concen: 45.763 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

Instrument :

BNA_F

ClientSampleId :

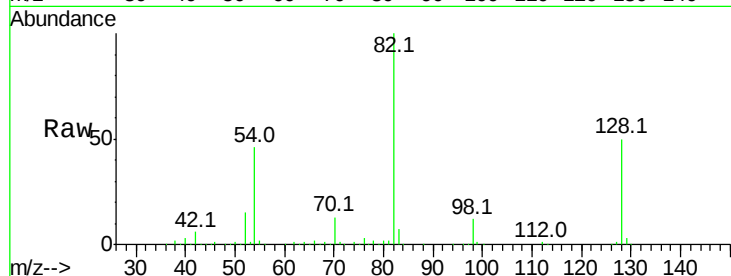
Tot Ion: 82 Resp: 644111

Ion Ratio Lower Upper

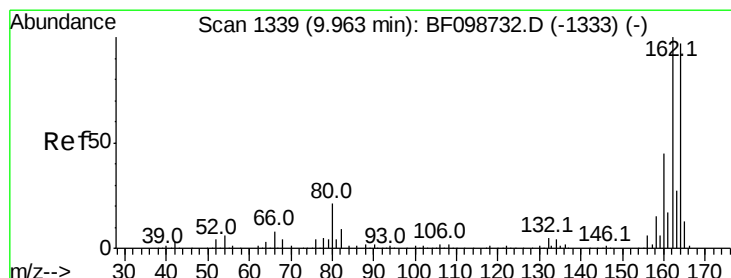
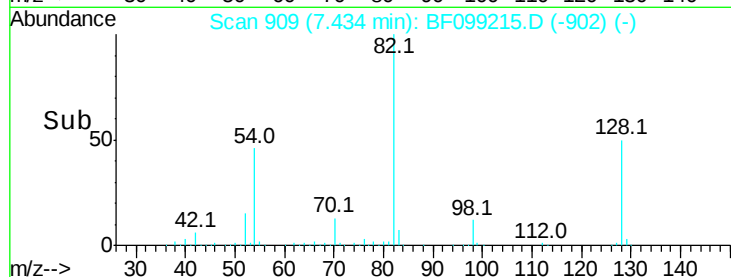
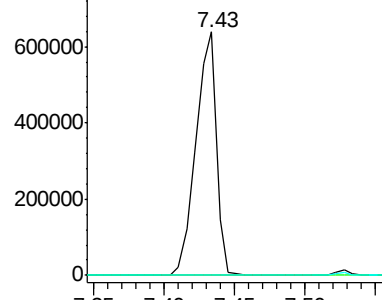
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

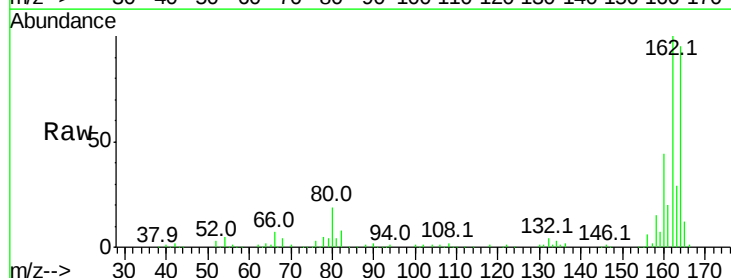
Tgt Ion:164 Resp: 166352

Ion Ratio Lower Upper

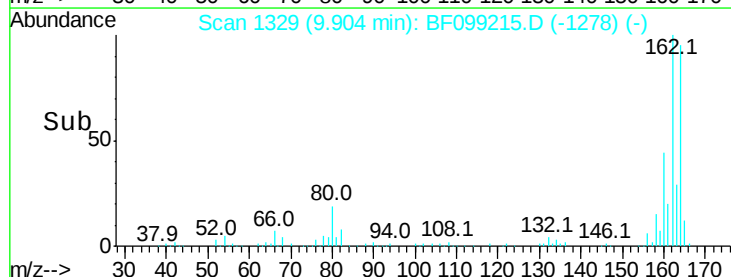
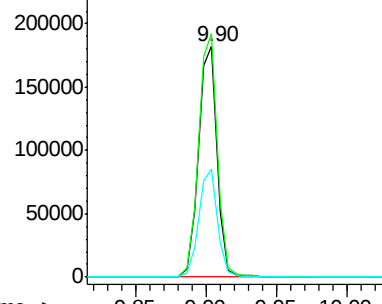
164 100

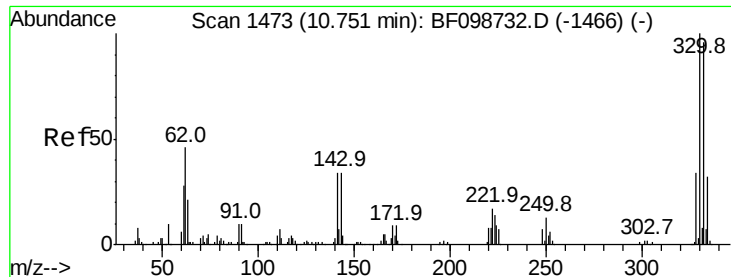
162 105.8 86.1 129.1

160 46.6 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

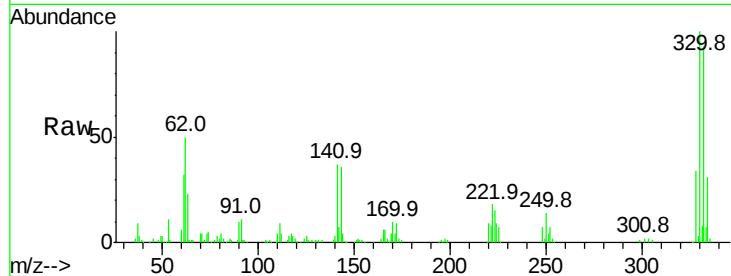




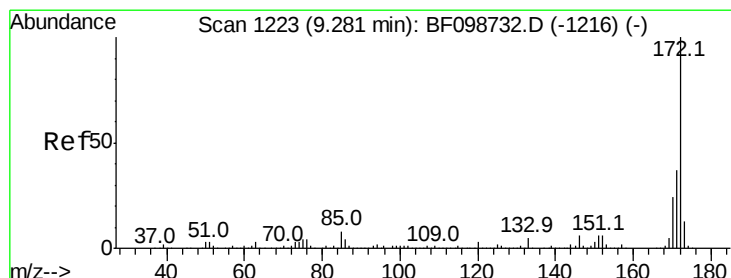
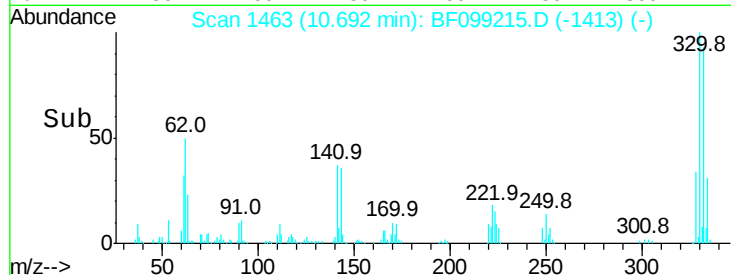
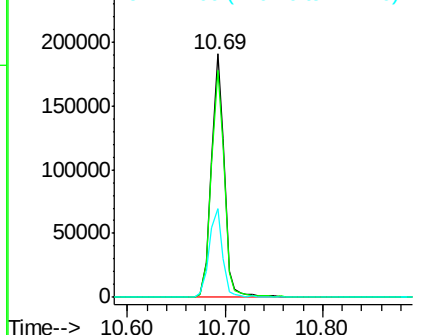
#41
 2,4,6-Tribromophenol
 Concen: 128.767 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 175279
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 38.3 29.9 44.9

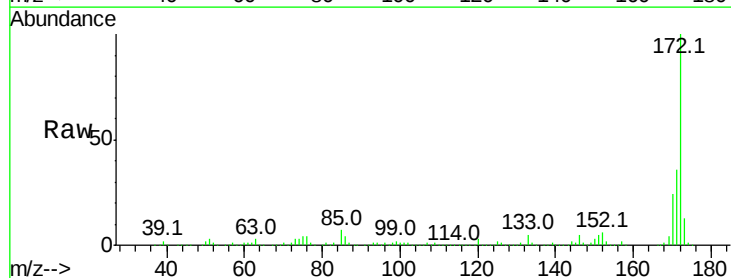


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

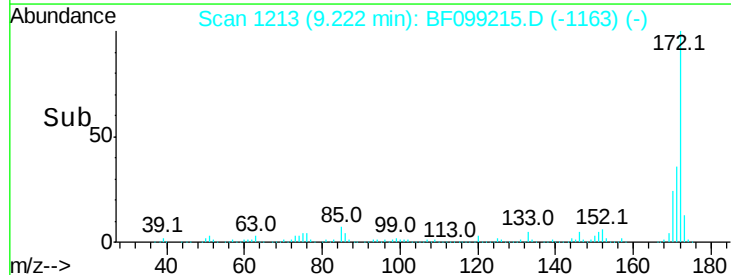
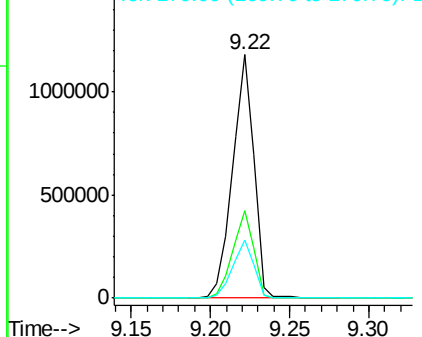


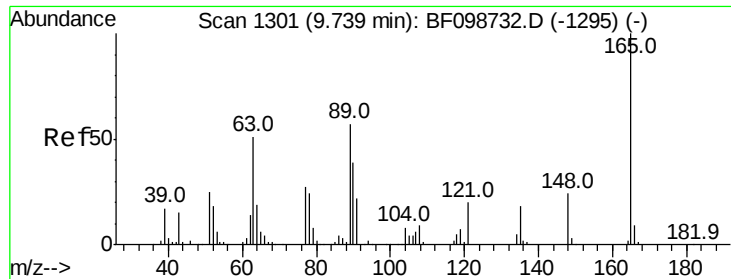
#44
 2-Fluorobiphenyl
 Concen: 110.781 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

Tgt Ion:172 Resp: 1103893
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

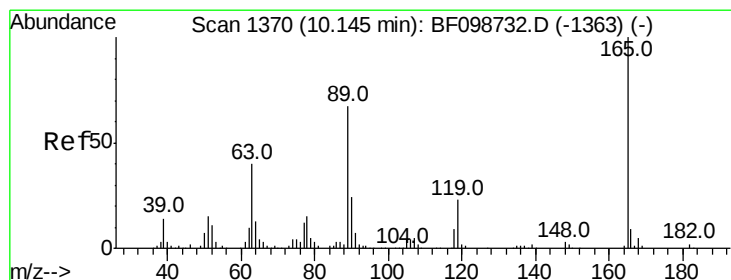
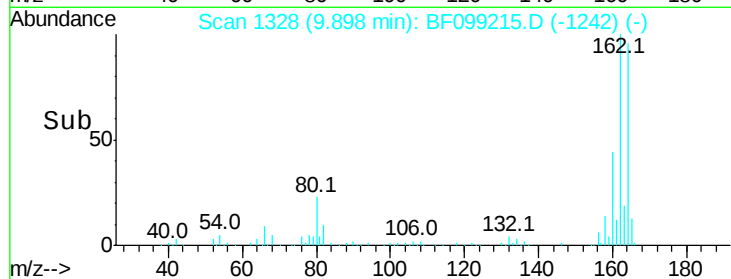
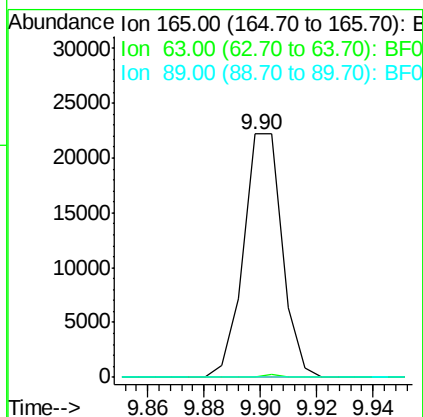
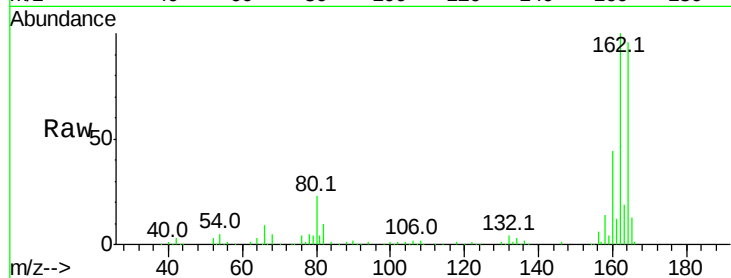




#50
 2,6-Dinitrotoluene
 Concen: 7.712 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

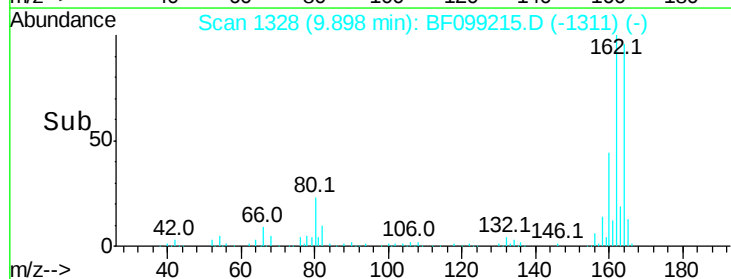
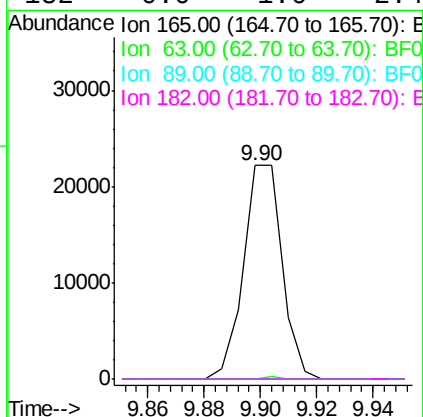
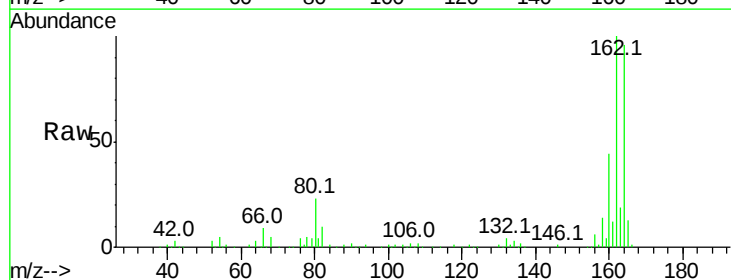
Instrument :
 BNA_F
 ClientSampleId :

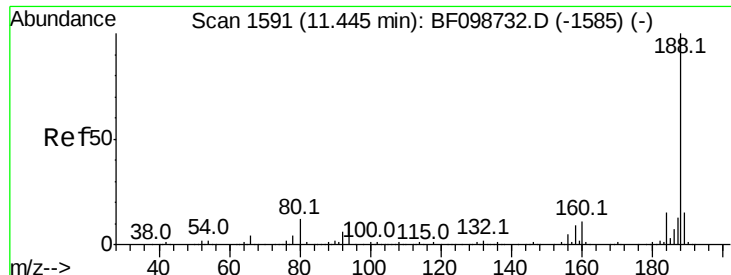
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.943 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

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#

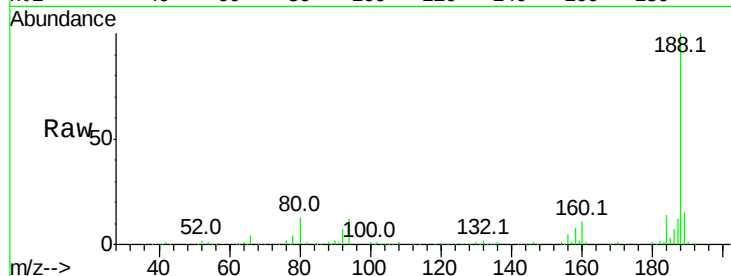




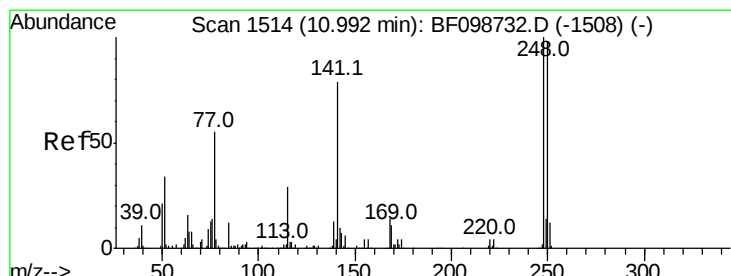
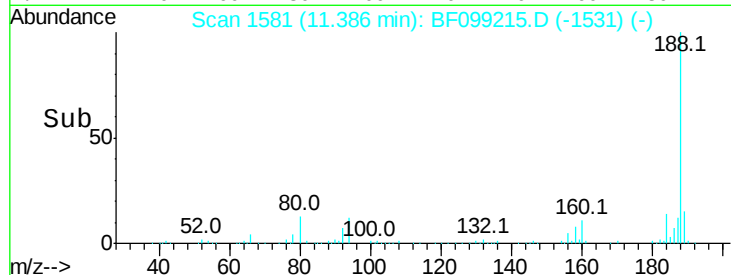
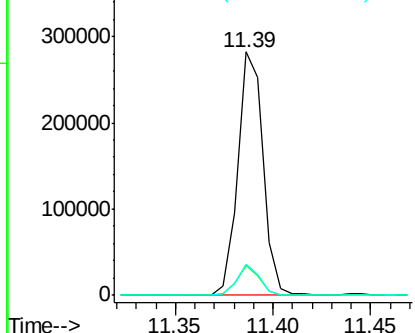
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 253258
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 12.9 9.2 13.8

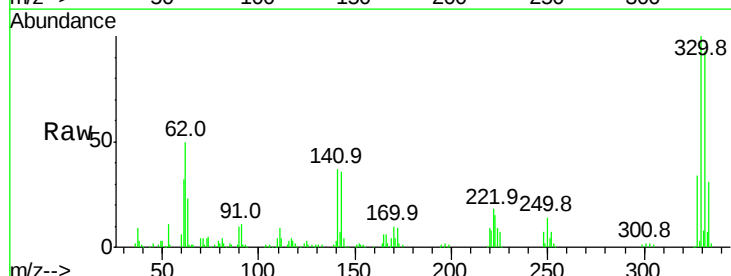


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

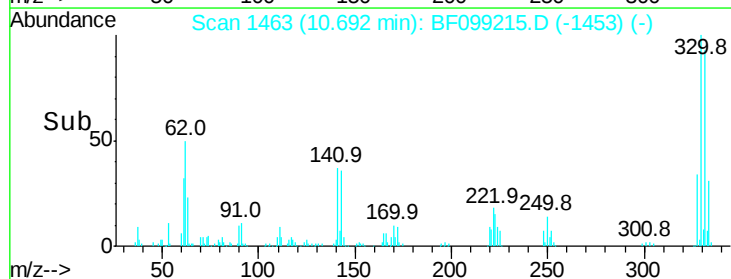
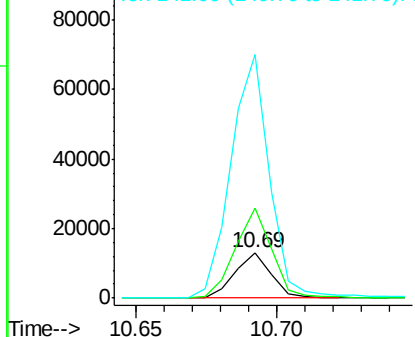


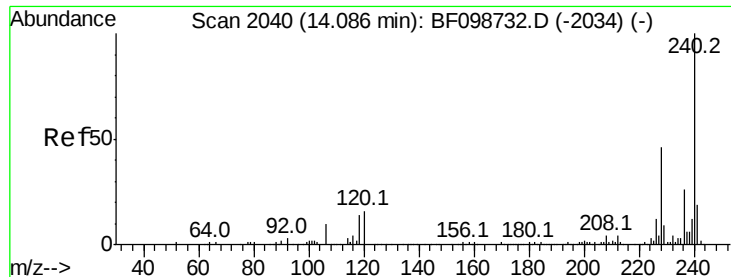
#66
4-Bromophenyl-phenylether
Concen: 4.623 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Tgt Ion:248 Resp: 11460
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 536.9 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

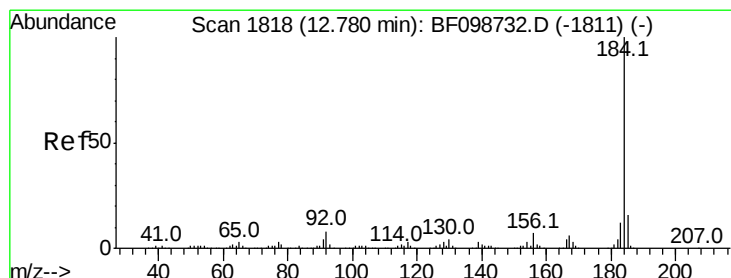
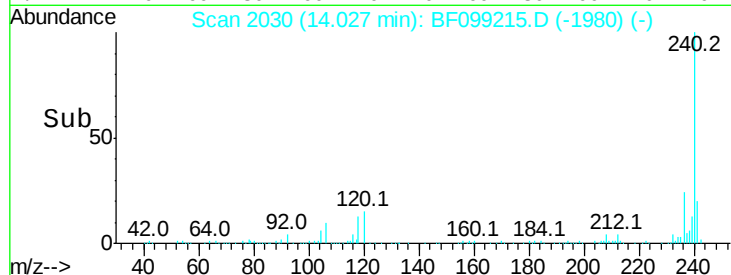
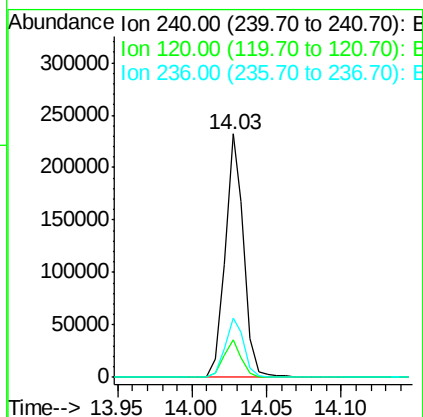
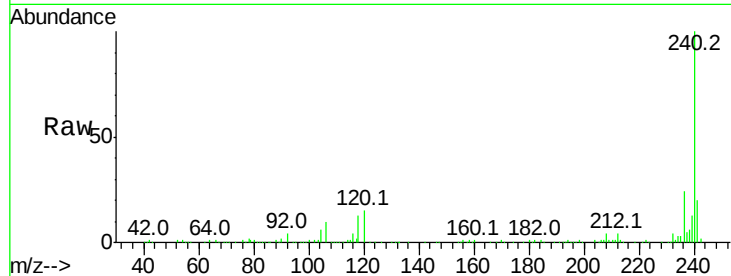




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

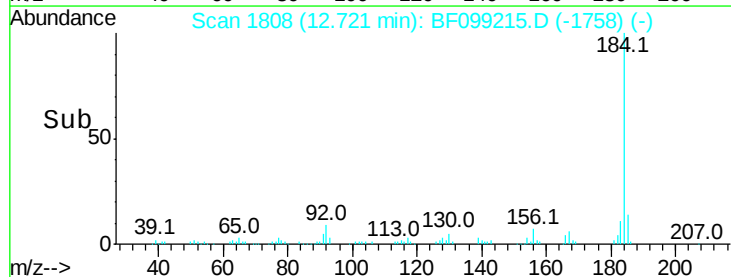
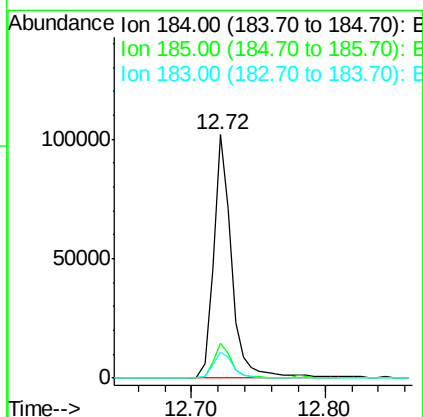
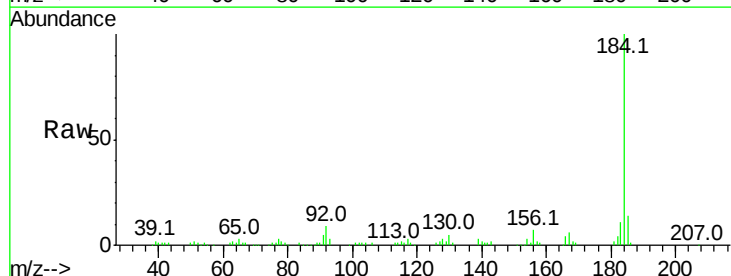
Instrument :
BNA_F
ClientSampleId :

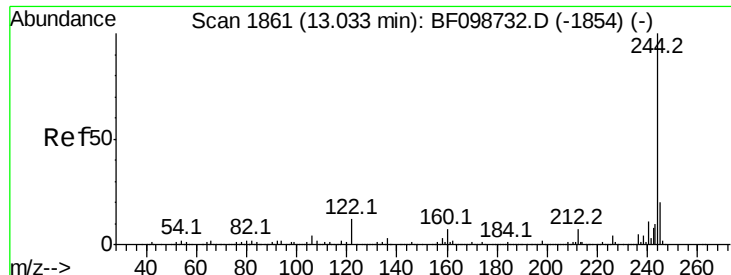
Tot Ion:240 Resp: 203920
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 24.2 20.7 31.1



#76
Benzidine
Concen: 12.826 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Tgt Ion:184 Resp: 96740
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 10.9 9.3 13.9





#78

Terphenyl-d14

Concen: 90.609 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

Instrument :

BNA_F

ClientSampled :

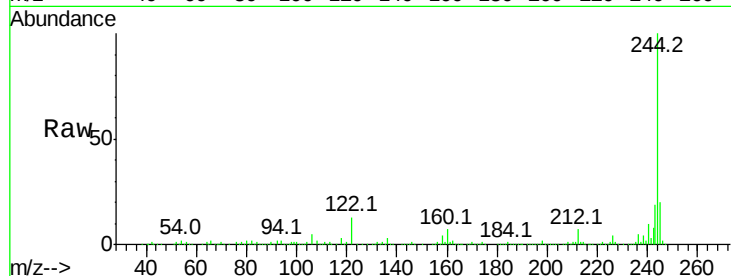
Tot Ion:244 Resp: 812463

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

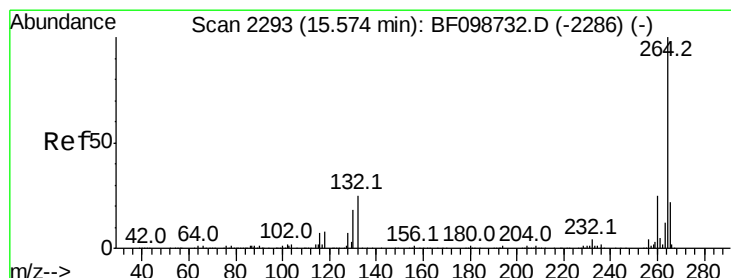
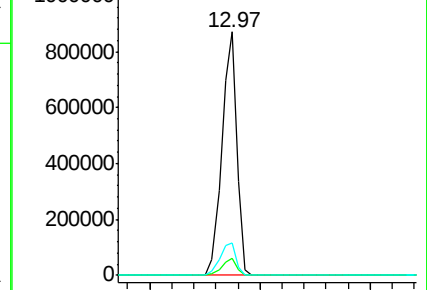
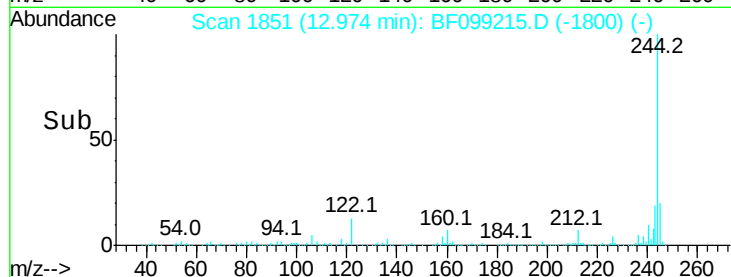
122 13.3 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

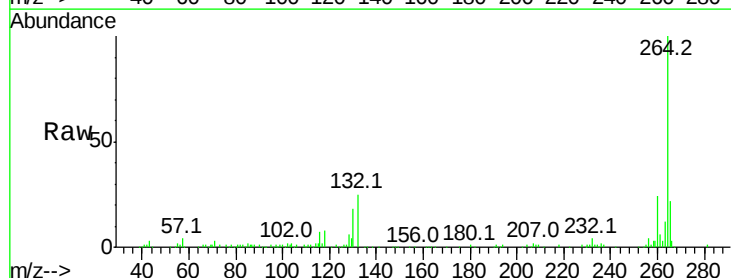
Tgt Ion:264 Resp: 156555

Ion Ratio Lower Upper

264 100

260 24.5 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

