

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 :
 SP-B-100217

Quant Time: Oct 08 05:28:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

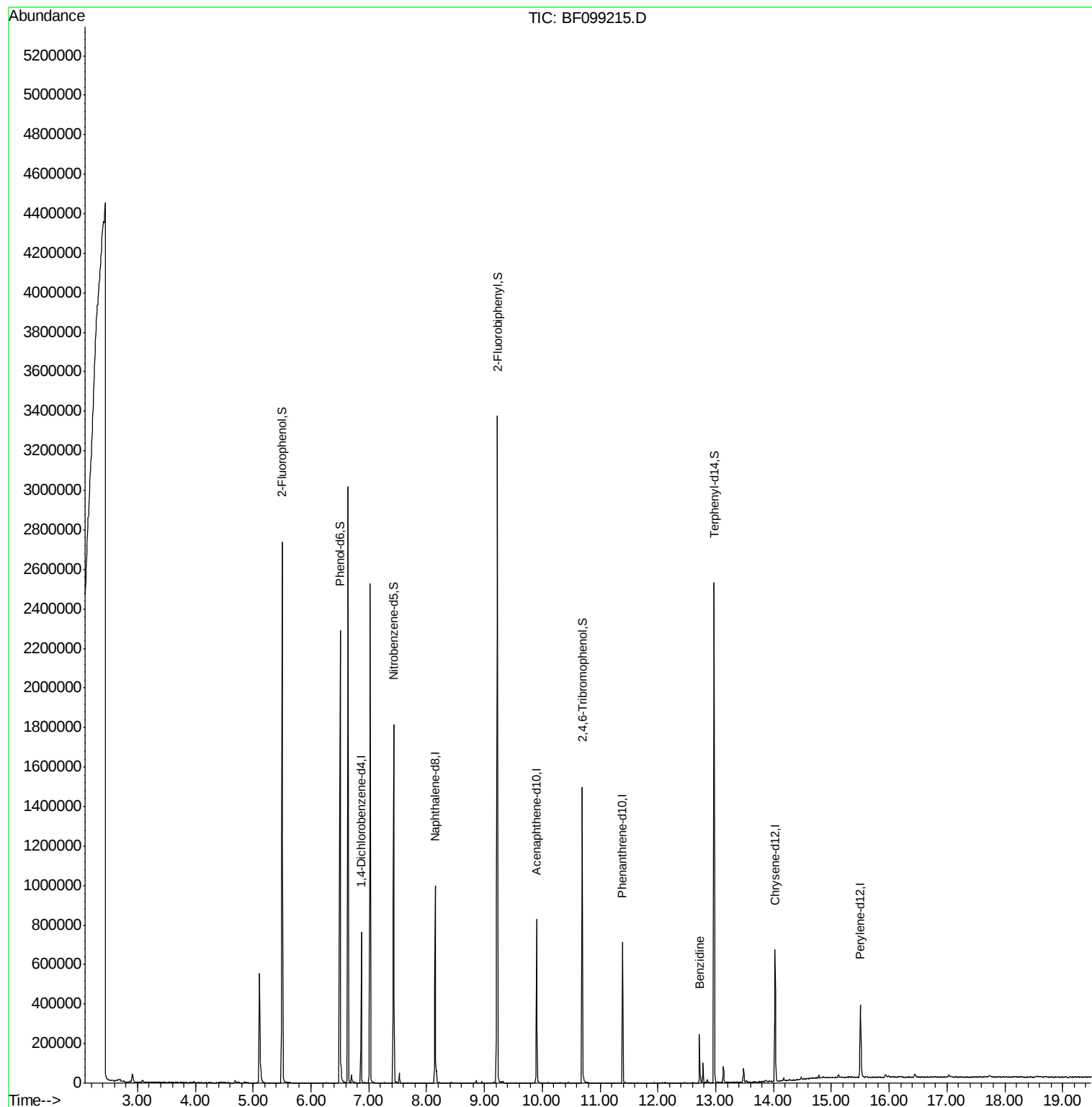
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115158	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	436575	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	166352	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	253258	20.00	ng	0.00
75) Chrysene-d12	14.03	240	203920	20.00	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						
76) Benzdine	12.72	184	96740	12.826	ng	Qvalue 97

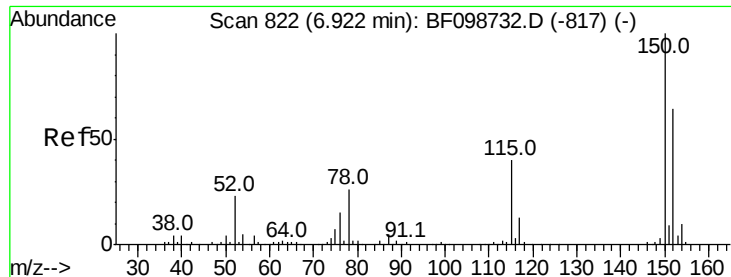
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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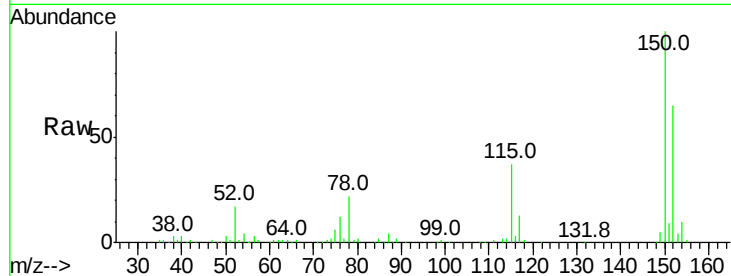


#1

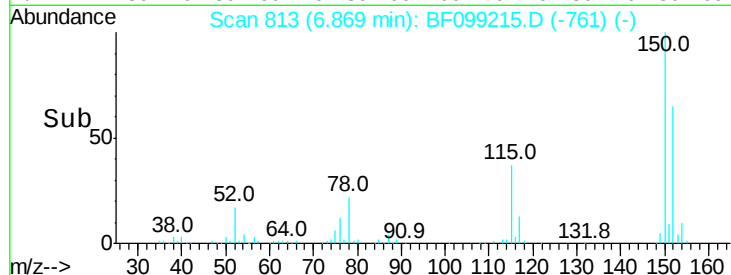
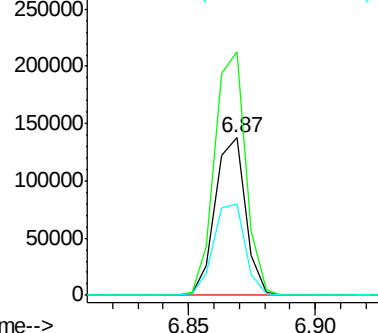
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SP-B-100217

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



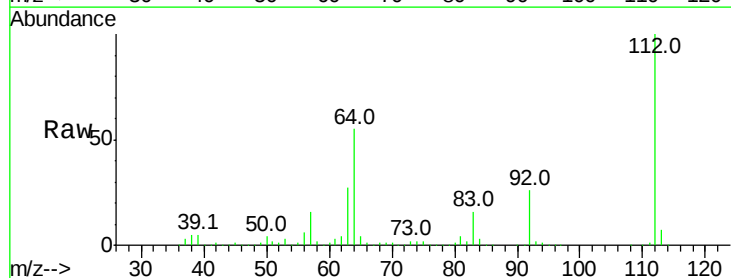
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



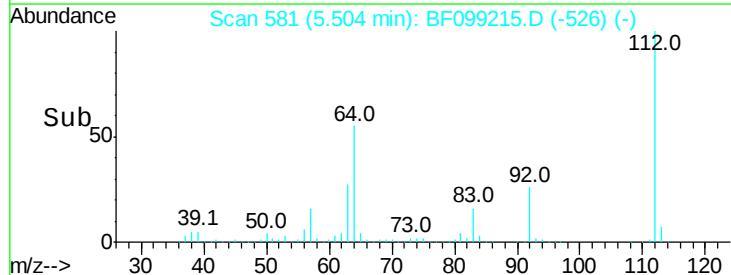
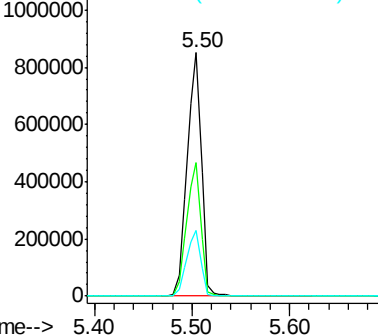
#5

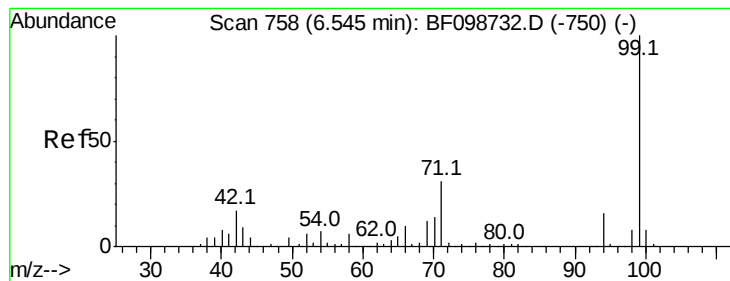
2-Fluorophenol
Concen: 119.312 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

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 :

SP-B-100217

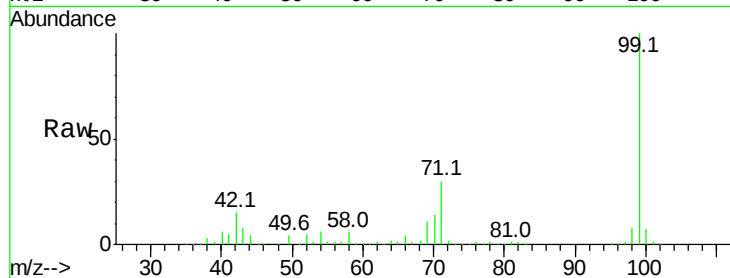
Tot Ion: 99 Resp: 892924

Ion Ratio Lower Upper

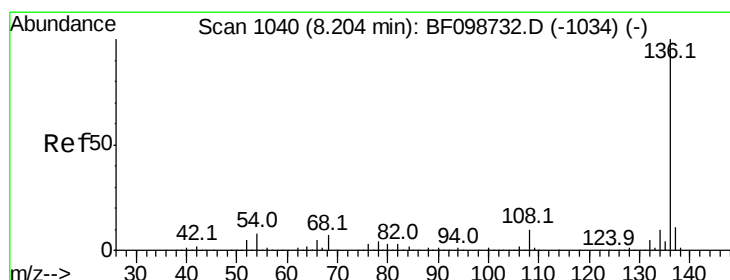
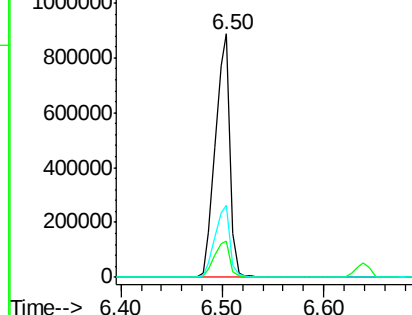
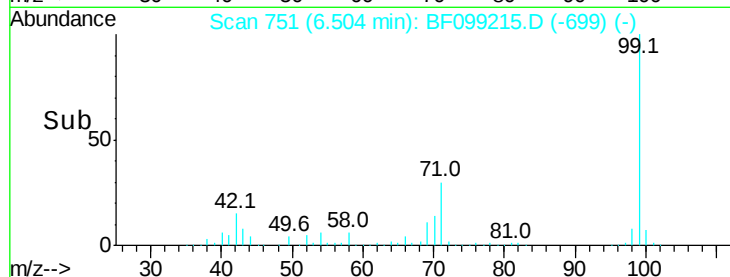
99 100

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF099215.D

Acq: 8 Oct 2017 2:26

Tgt Ion: 136 Resp: 436575

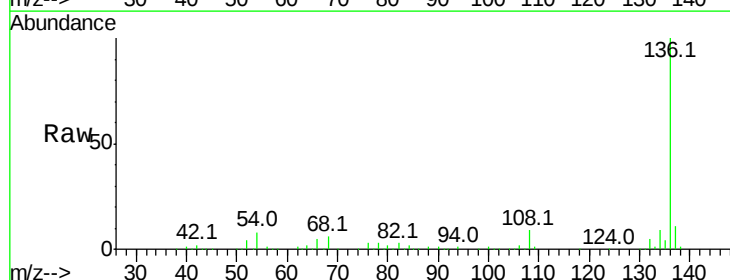
Ion Ratio Lower Upper

136 100

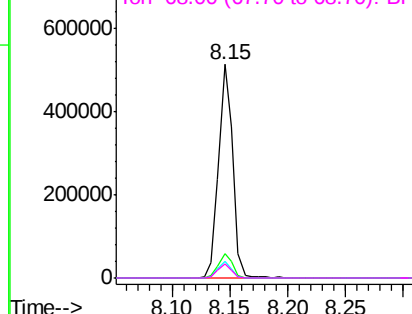
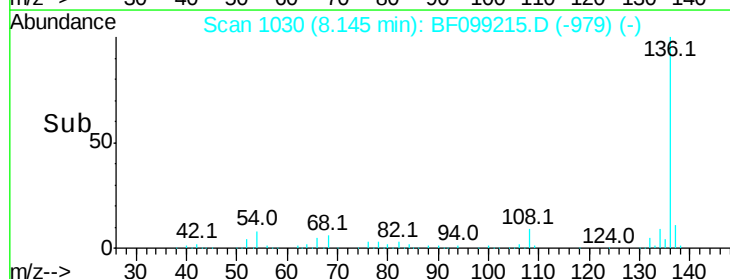
137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
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

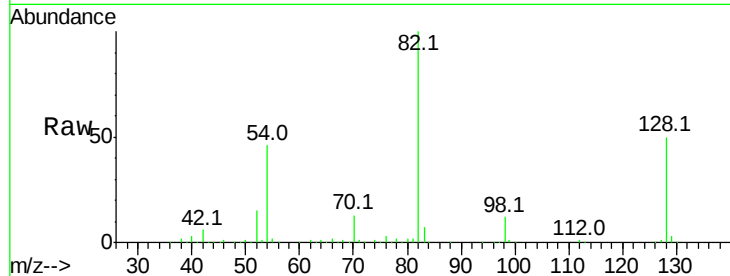




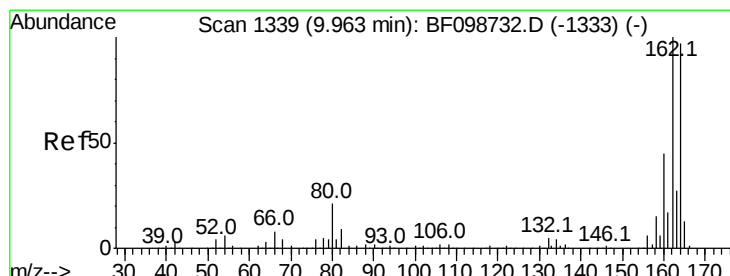
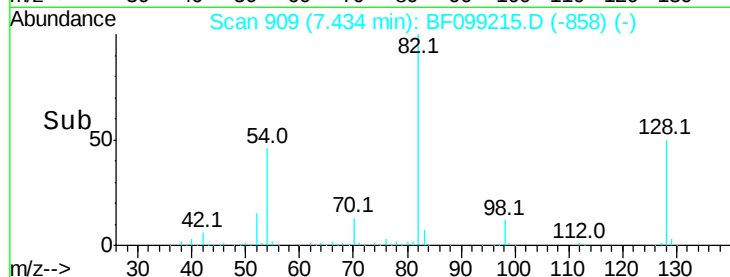
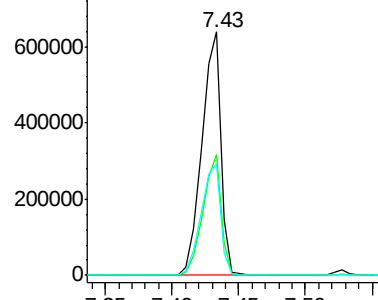
#23
Nitrobenzene-d5
Concen: 94.617 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SP-B-100217

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

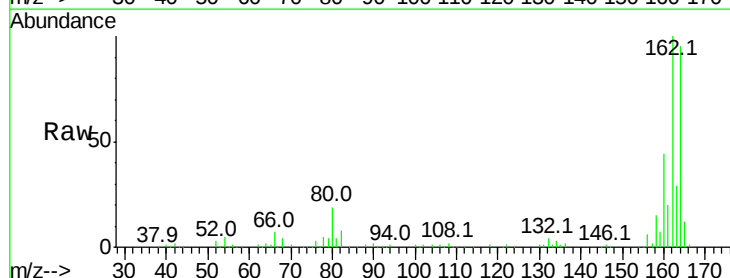


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

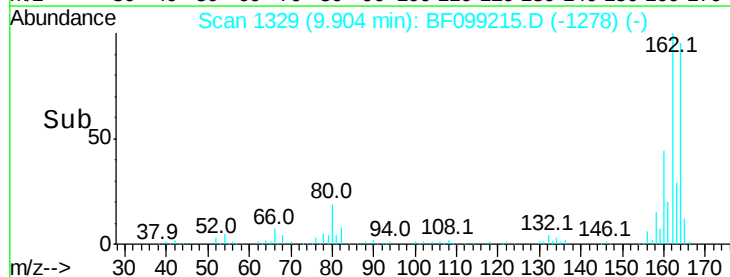
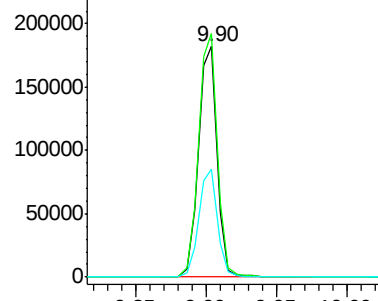


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

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

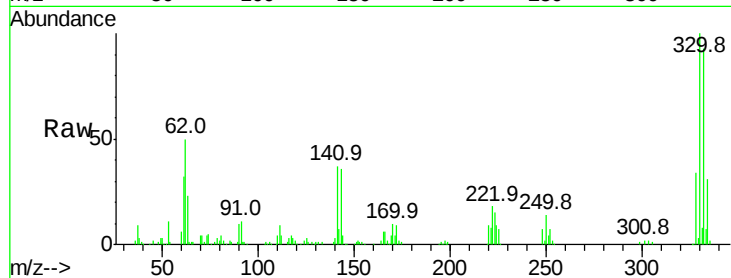




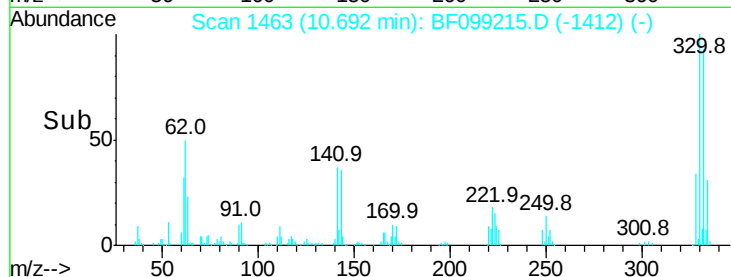
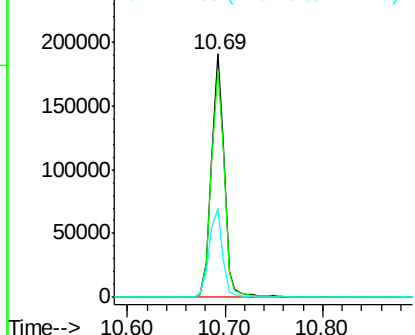
#41
 2,4,6-Tribromophenol
 Concen: 128.767 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-100217

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

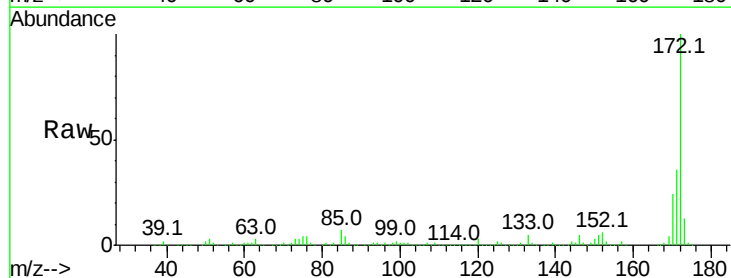


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

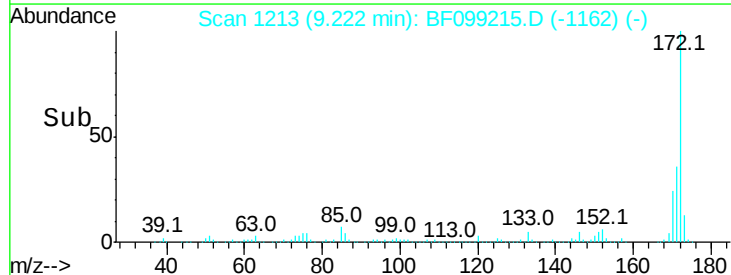
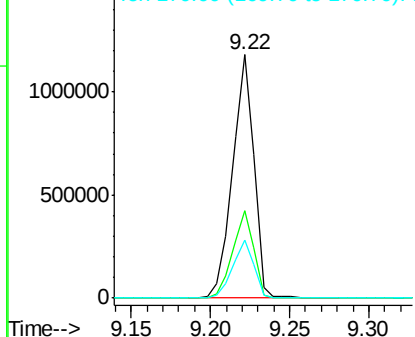


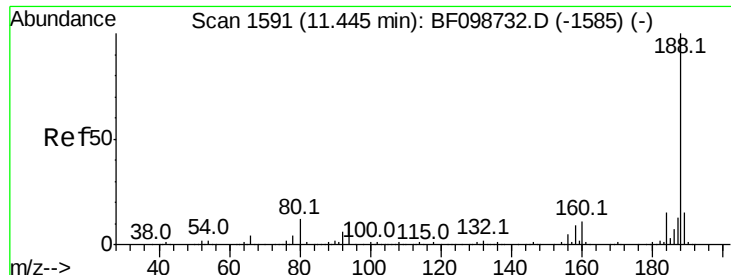
#44
 2-Fluorobiphenyl
 Concen: 110.781 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF099215.D
 Acq: 8 Oct 2017 2:26

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

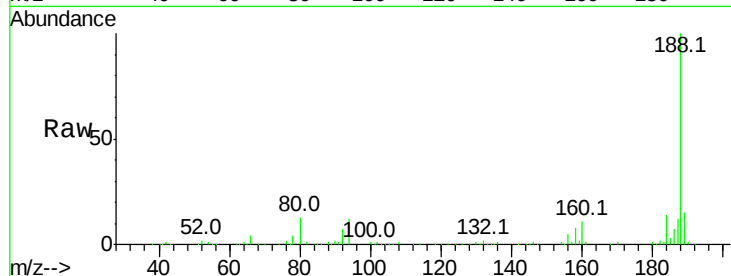




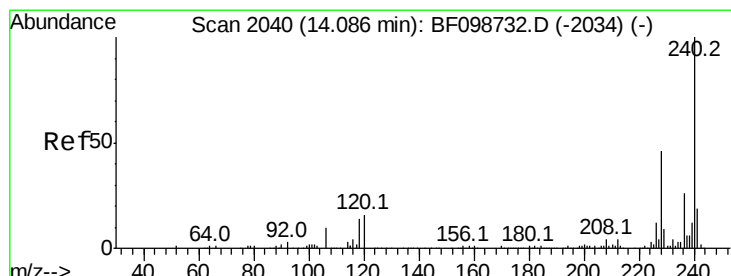
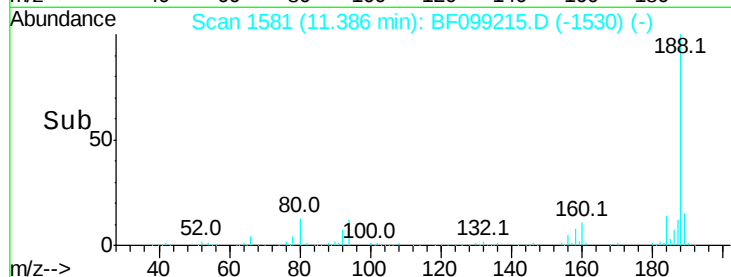
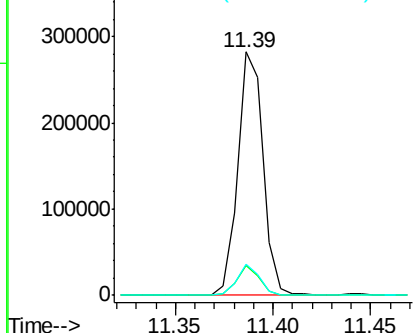
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SP-B-100217

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

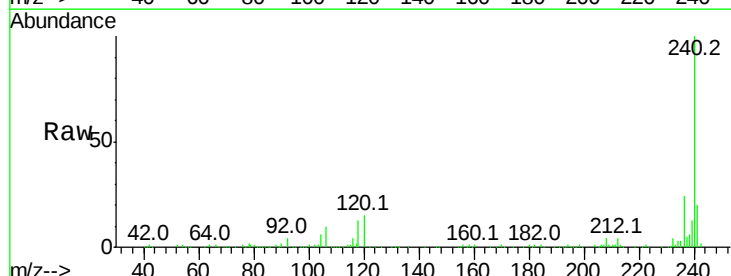


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

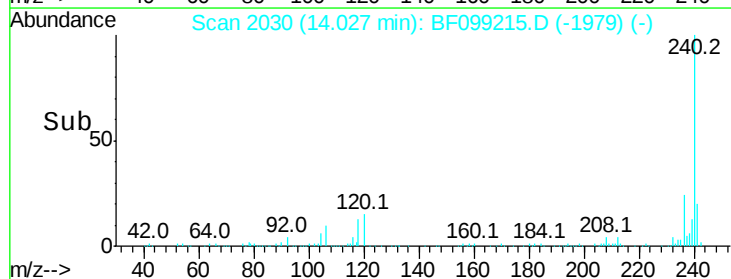
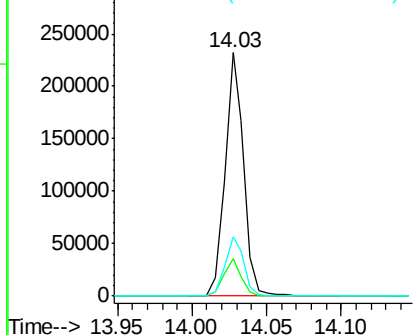


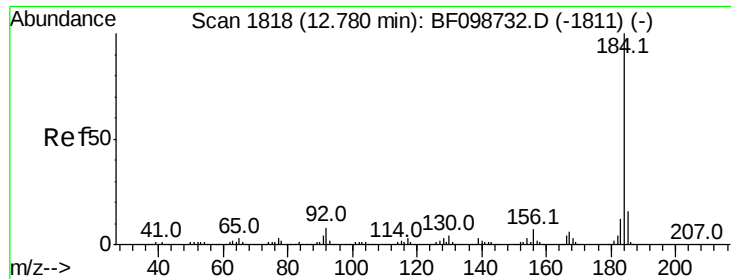
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

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

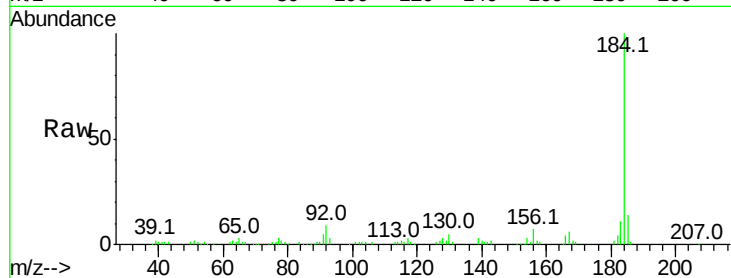




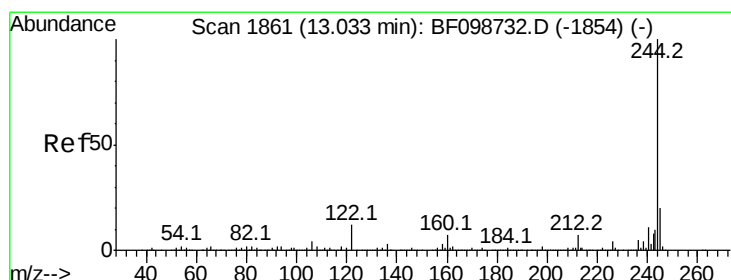
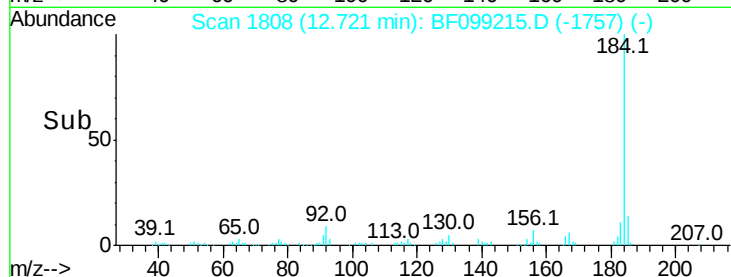
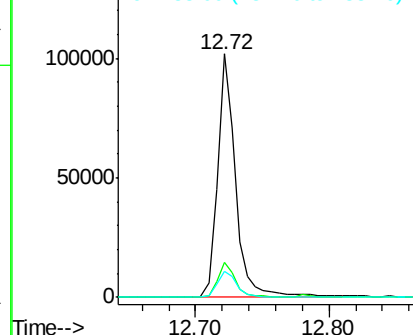
#76
Benzidine
Concen: 12.826 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SP-B-100217

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

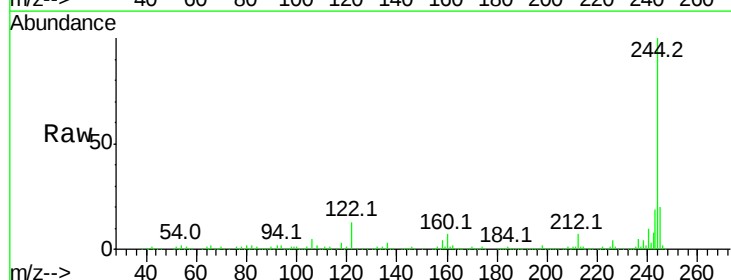


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

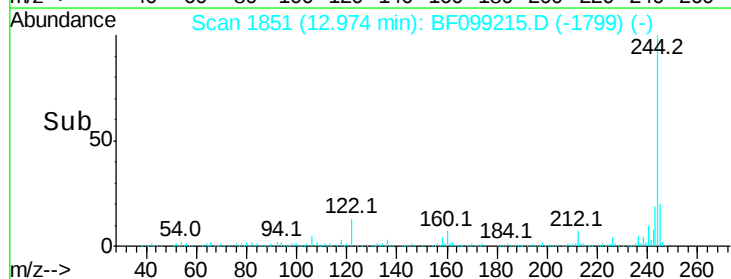
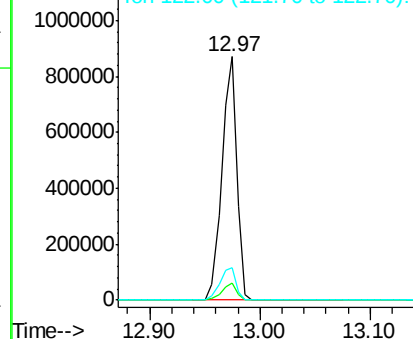


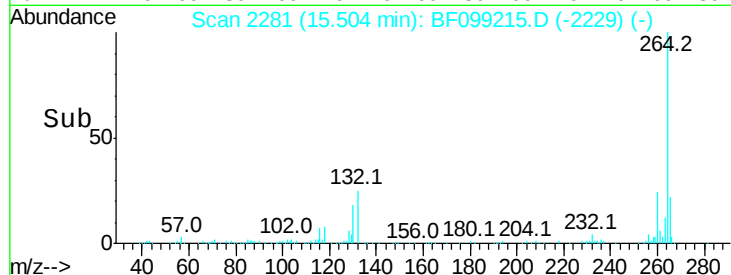
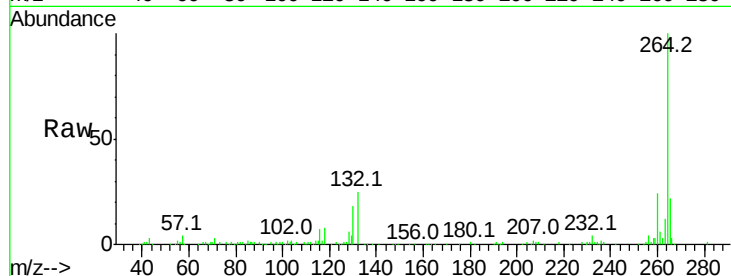
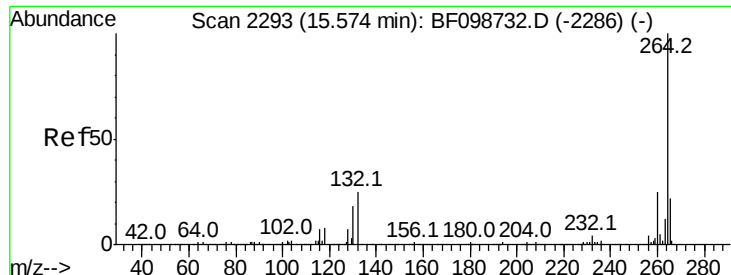
#78
Terphenyl-d14
Concen: 90.609 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Tgt 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF099215.D
Acq: 8 Oct 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SP-B-100217

Tot Ion:	264	Resp:	156555
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3

