

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079789.D
 Acq On : 7 Jun 2015 00:55
 Operator : TP/IZ
 Sample : G2457-23
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Jun 08 18:38:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

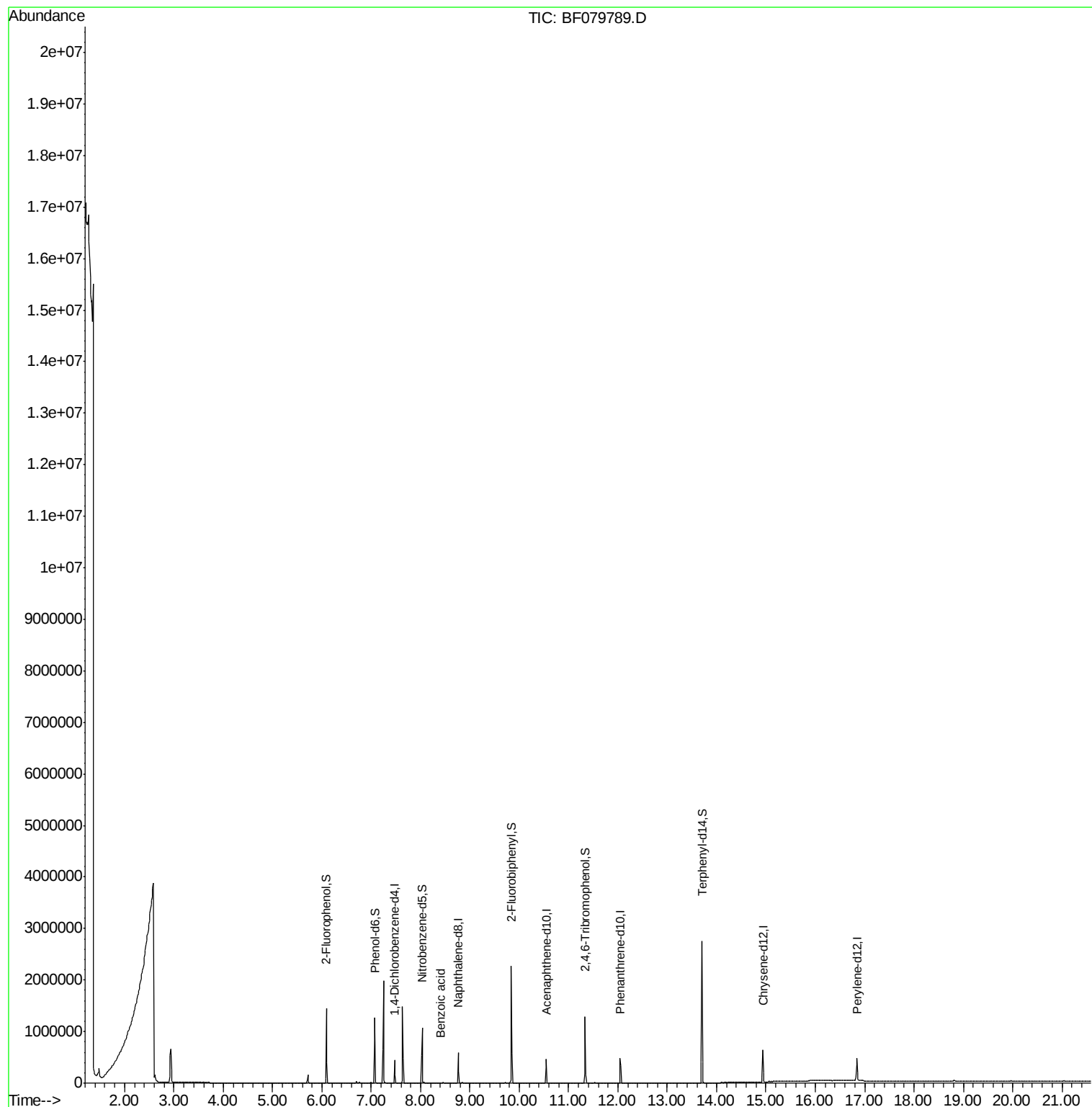
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	66798	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	278937	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	114109	20.00	ng	-0.01
63) Phenanthrene-d10	12.05	188	231876	20.00	ng	-0.02
75) Chrysene-d12	14.94	240	244883	20.00	ng	0.00
86) Perylene-d12	16.85	264	258563	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	369757	92.78	ng	-0.01
7) Phenol-d6	7.07	99	536117	104.15	ng	-0.01
23) Nitrobenzene-d5	8.03	82	376354	82.83	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	134299	123.06	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	682216	81.00	ng	-0.02
78) Terphenyl-d14	13.70	244	865425	80.94	ng	-0.01
Target Compounds						
32) Benzoic acid	8.41	122	247	4.10	ng	Qvalue # 73

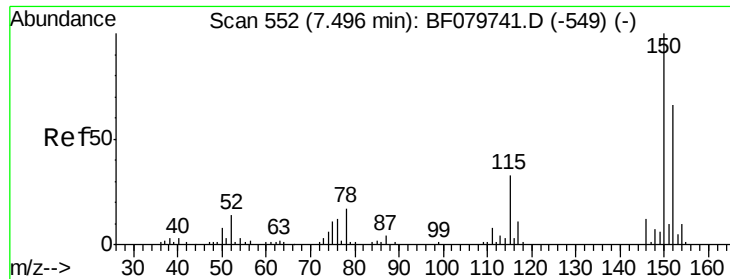
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF079789.D

Acq: 7 Jun 2015 00:55

Instrument :

BNA_F

ClientSampleId :

SP-4

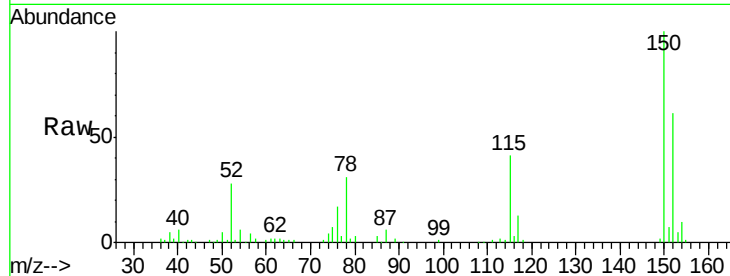
Tgt Ion:152 Resp: 66798

Ion Ratio Lower Upper

152 100

150 163.5 128.1 192.1

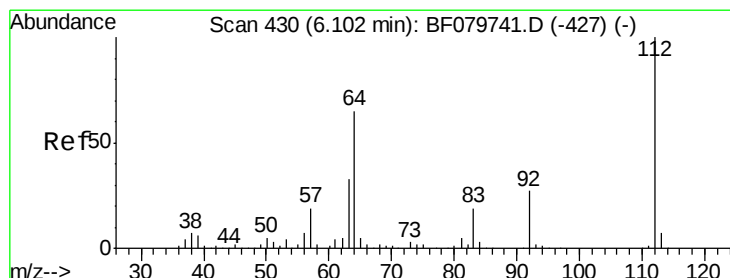
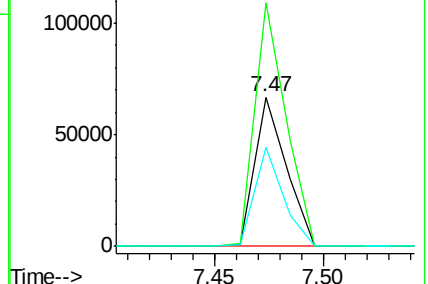
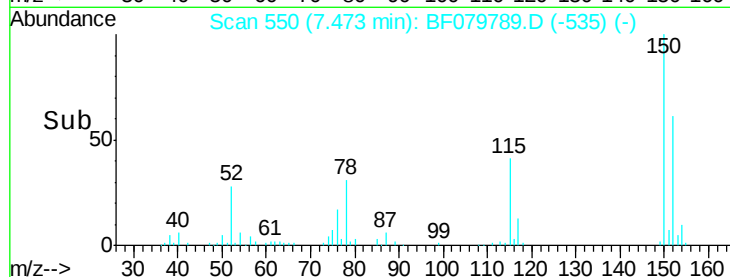
115 66.7 49.7 74.5



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: 92.78 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF079789.D

Acq: 7 Jun 2015 00:55

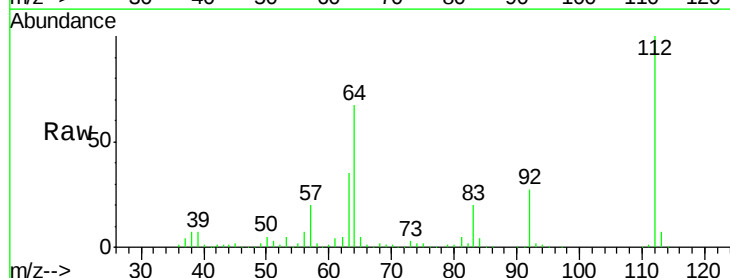
Tgt Ion:112 Resp: 369757

Ion Ratio Lower Upper

112 100

64 67.5 49.6 74.4

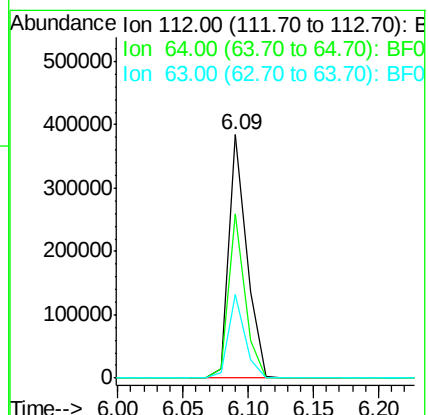
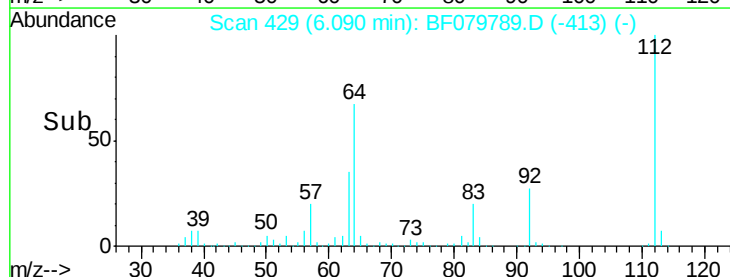
63 34.5 24.9 37.3

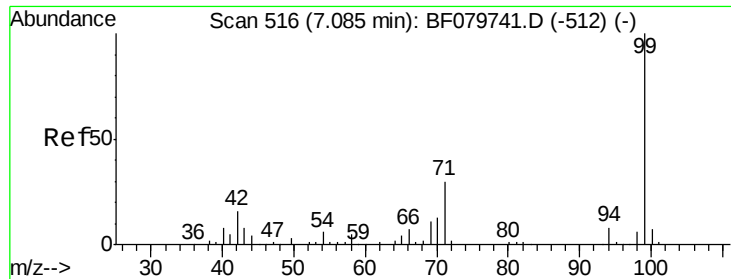


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.15 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079789.D

Acq: 7 Jun 2015 00:55

Instrument :

BNA_F

ClientSampleId :

SP-4

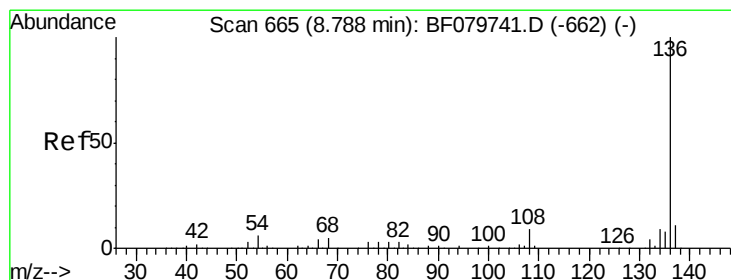
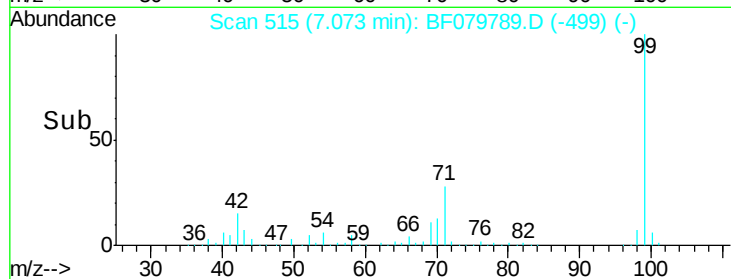
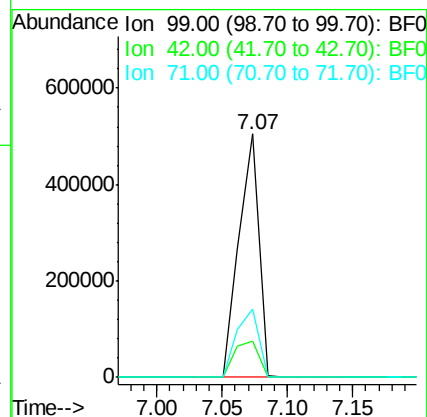
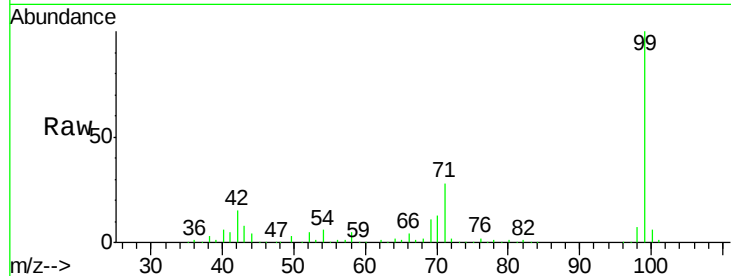
Tgt Ion: 99 Resp: 536117

Ion Ratio Lower Upper

99 100

42 14.8 18.0 27.0#

71 28.2 28.4 42.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079789.D

Acq: 7 Jun 2015 00:55

Tgt Ion: 136 Resp: 278937

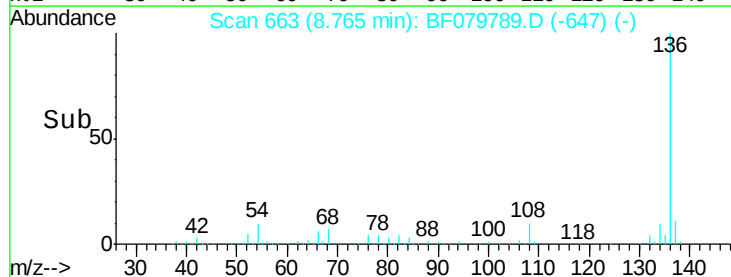
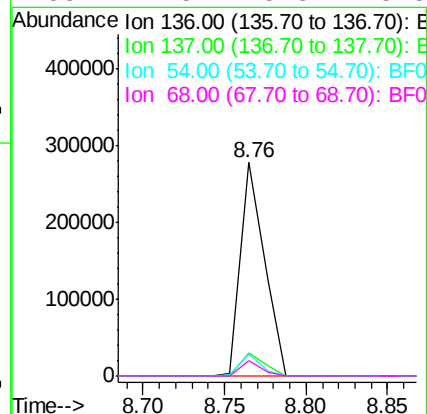
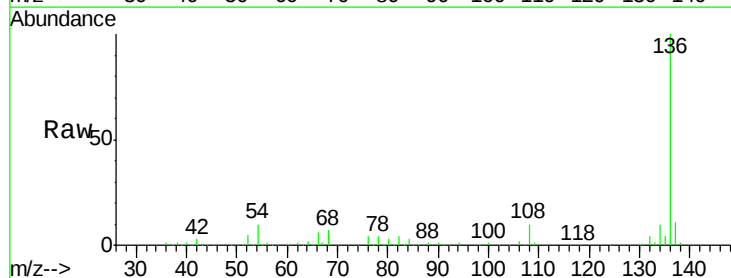
Ion Ratio Lower Upper

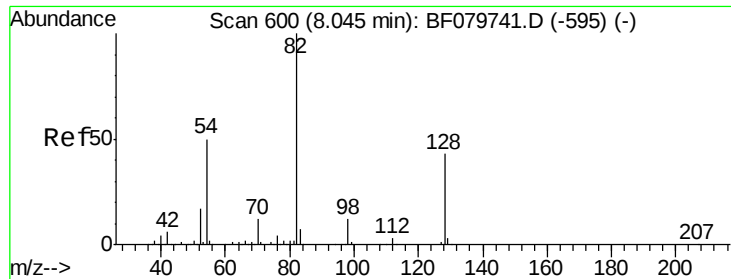
136 100

137 11.0 8.8 13.2

54 10.5 8.7 13.1

68 7.5 5.8 8.8

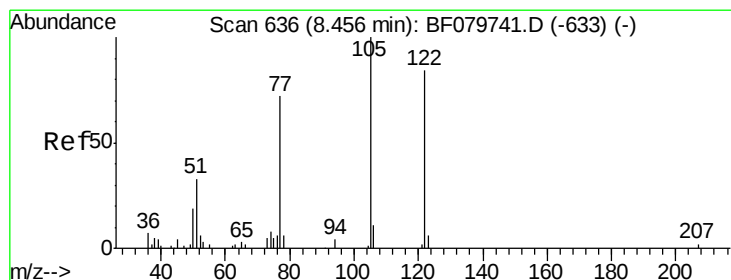
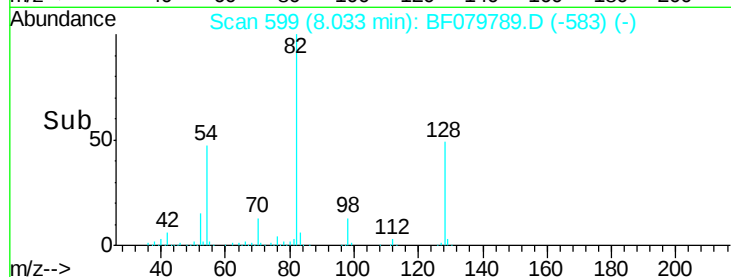
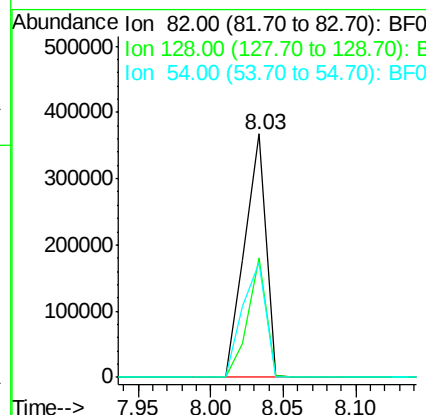
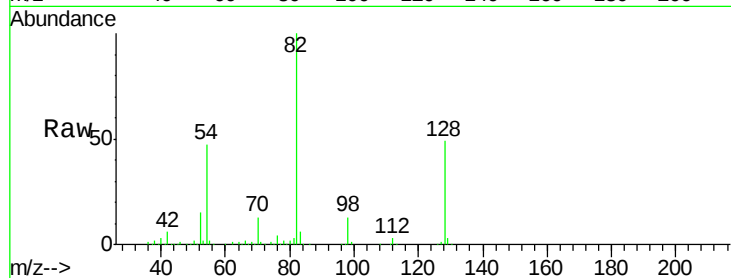




#23
 Nitrobenzene-d5
 Concen: 82.83 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF079789.D
 Acq: 7 Jun 2015 00:55

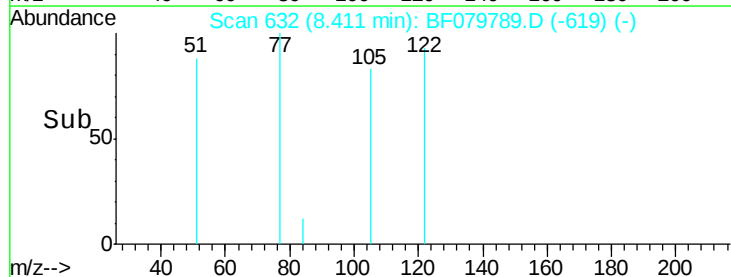
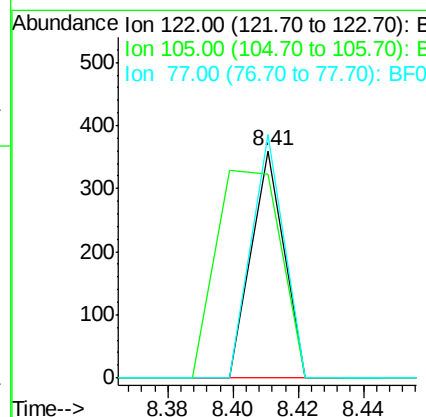
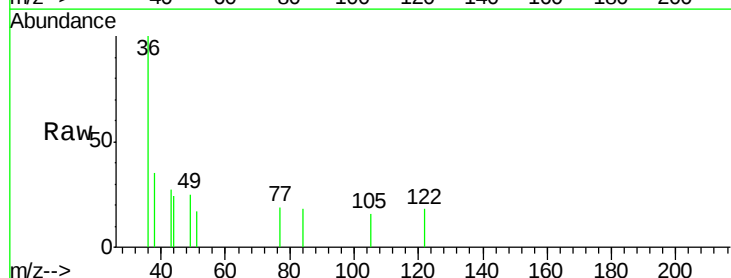
Instrument :
 BNA_F
 ClientSampled :
 SP-4

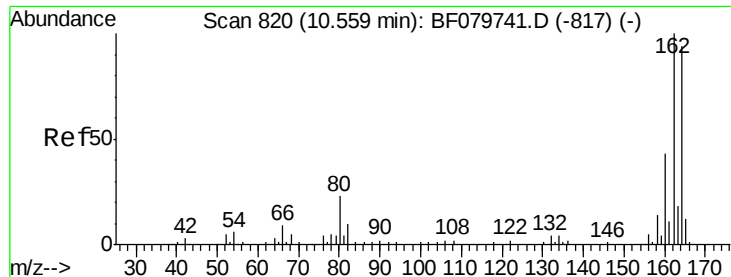
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.6	56.4
54	46.8	39.4	59.2



#32
 Benzoic acid
 Concen: 4.10 ng
 RT: 8.41 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF079789.D
 Acq: 7 Jun 2015 00:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	89.4	106.7	146.7#
77	107.2	68.9	108.9

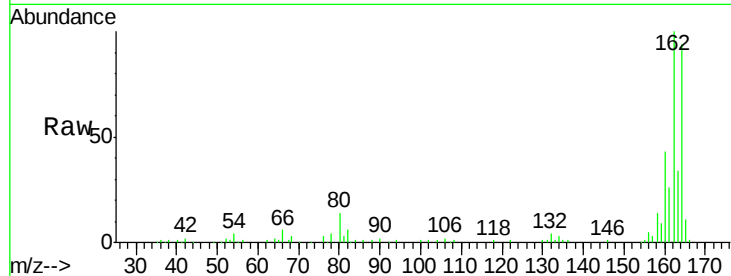




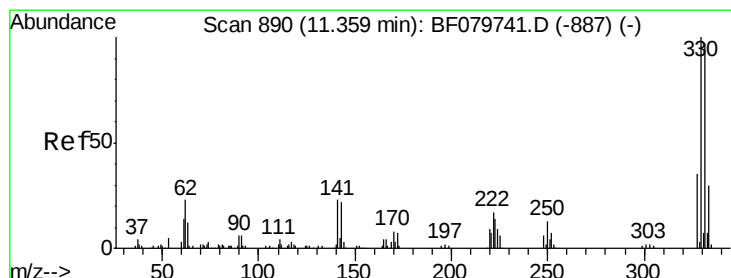
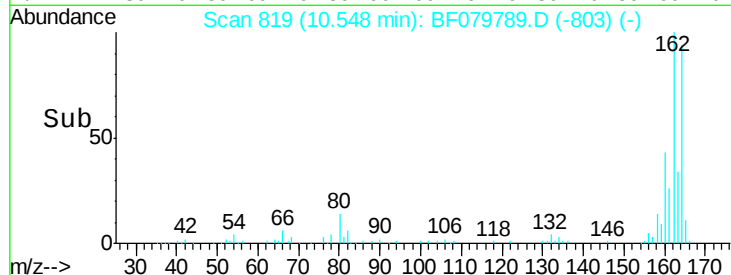
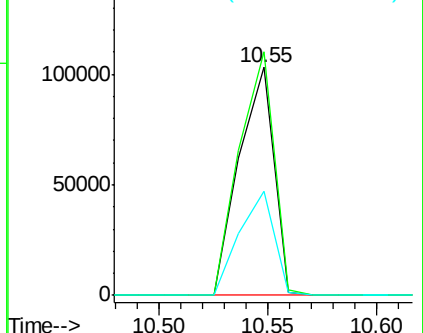
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF079789.D
Acq: 7 Jun 2015 00:55

Instrument :
BNA_F
ClientSampled :
SP-4

Tgt Ion:164 Resp: 114109
Ion Ratio Lower Upper
164 100
162 106.8 82.6 123.8
160 45.7 36.8 55.2

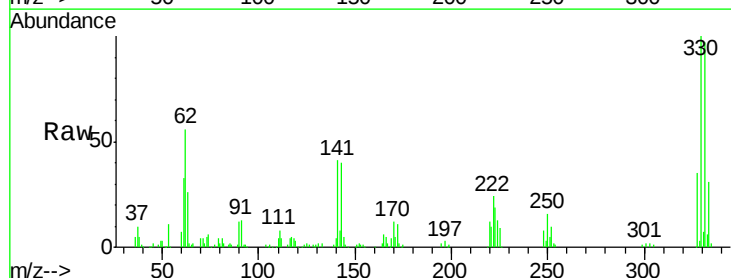


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

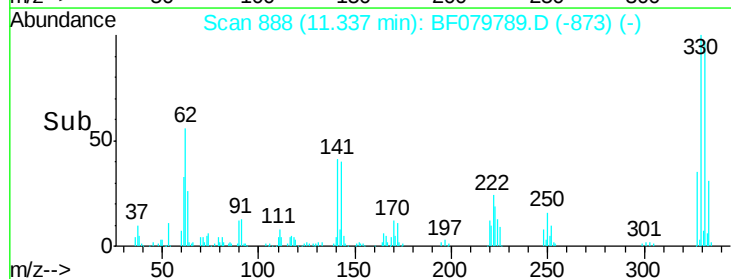
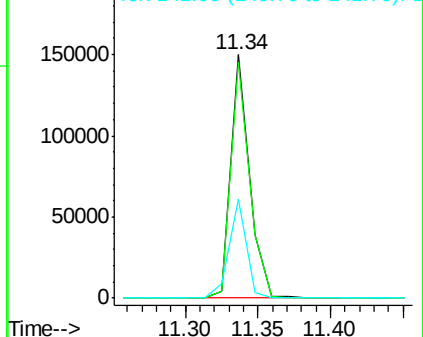


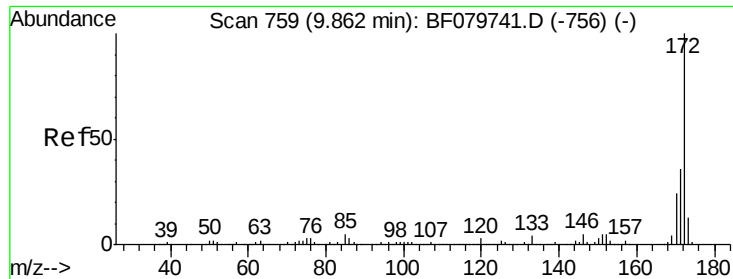
#41
2,4,6-Tribromophenol
Concen: 123.06 ng
RT: 11.34 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF079789.D
Acq: 7 Jun 2015 00:55

Tgt Ion:330 Resp: 134299
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 37.7 30.2 45.2



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

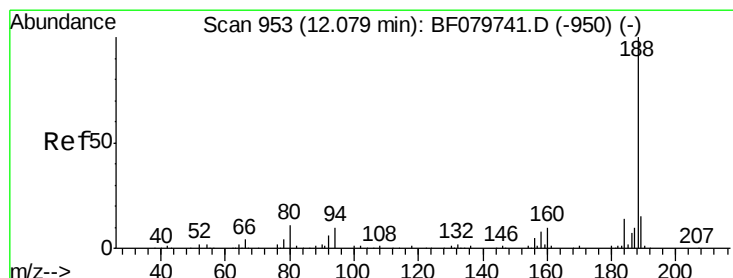
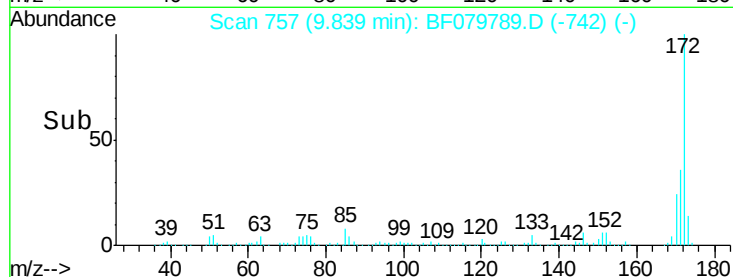
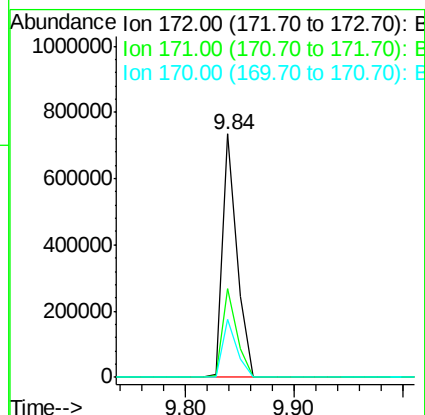
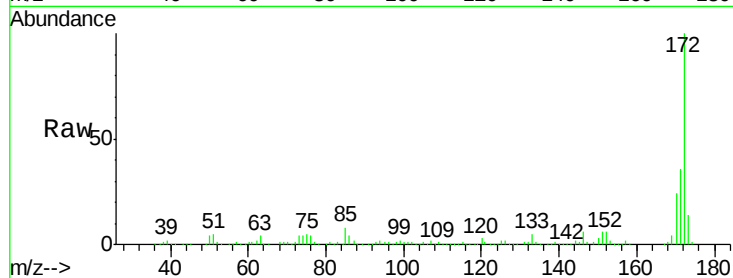




#44
 2-Fluorobiphenyl
 Concen: 81.00 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079789.D
 Acq: 7 Jun 2015 00:55

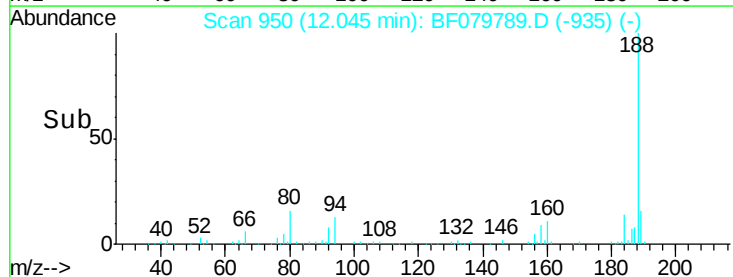
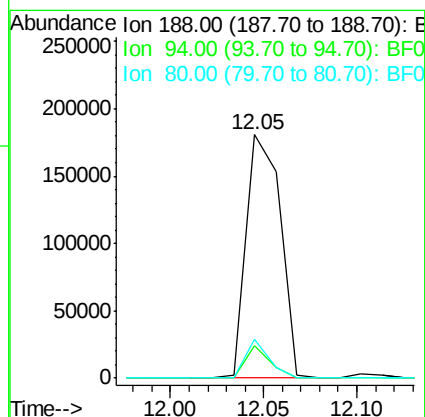
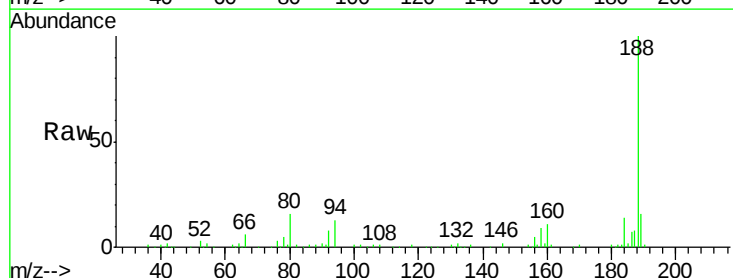
Instrument :
 BNA_F
 ClientSampleId :
 SP-4

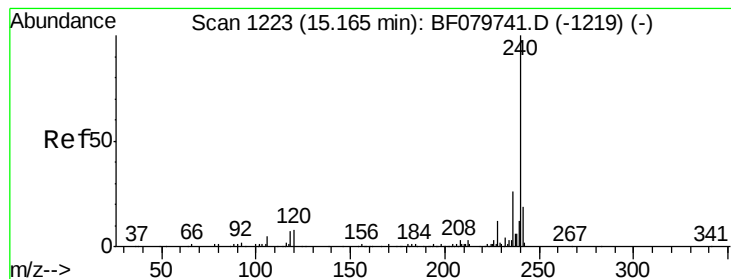
Tgt Ion:172 Resp: 682216
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 23.9 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.05 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF079789.D
 Acq: 7 Jun 2015 00:55

Tgt Ion:188 Resp: 231876
 Ion Ratio Lower Upper
 188 100
 94 13.2 5.0 7.4#
 80 15.8 5.3 7.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF079789.D

Acq: 7 Jun 2015 00:55

Instrument :

BNA_F

ClientSampleId :

SP-4

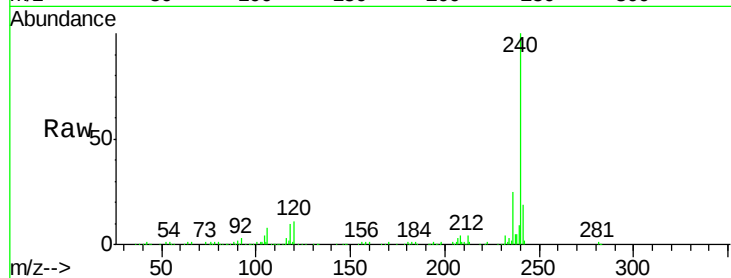
Tgt Ion:240 Resp: 244883

Ion Ratio Lower Upper

240 100

120 11.3 6.2 9.2#

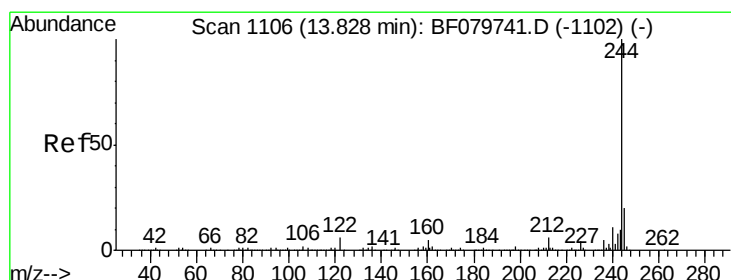
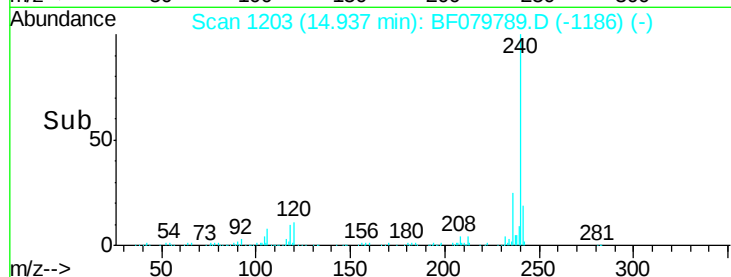
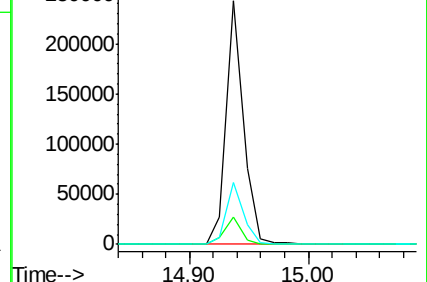
236 25.3 21.0 31.4



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: 80.94 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF079789.D

Acq: 7 Jun 2015 00:55

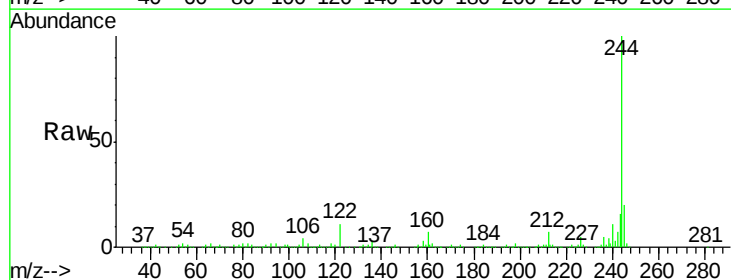
Tgt Ion:244 Resp: 865425

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

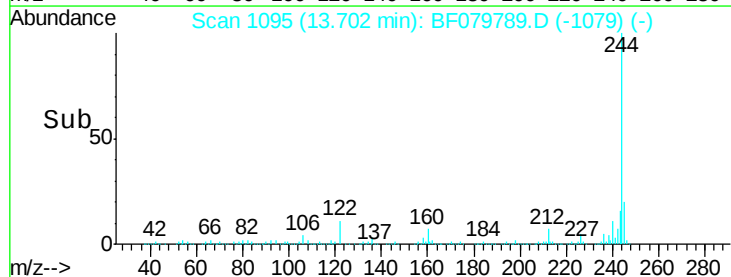
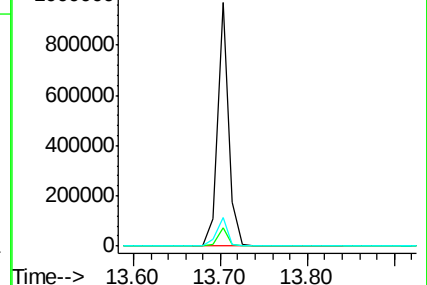
122 11.5 9.3 13.9

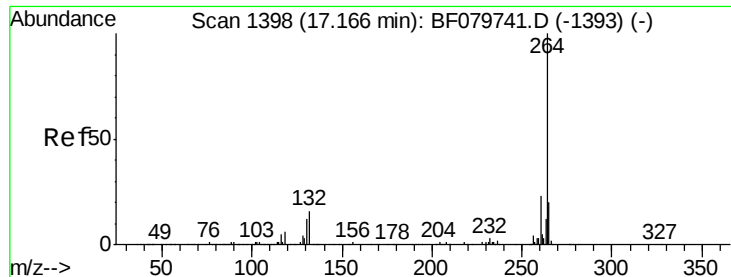


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.85 min Scan# 1370
Delta R.T. 0.02 min
Lab File: BF079789.D
Acq: 7 Jun 2015 00:55

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion: 264 Resp: 258563
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.7 18.2 27.4

