

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079279.D
 Acq On : 15 May 2015 19:40
 Operator : TP/IZ
 Sample : G2263-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-143A-51415

Quant Time: May 15 23:19:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	65123	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	269938	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	131740	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	252697	20.00	ng	0.00
75) Chrysene-d12	16.06	240	234004	20.00	ng	-0.03
86) Perylene-d12	17.85	264	224079	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	185320	48.98	ng	0.00
7) Phenol-d6	6.74	99	155889	31.17	ng	-0.01
23) Nitrobenzene-d5	7.87	82	366509	78.03	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	194717	136.63	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	762350	80.62	ng	0.00
78) Terphenyl-d14	14.77	244	868459	88.85	ng	0.00

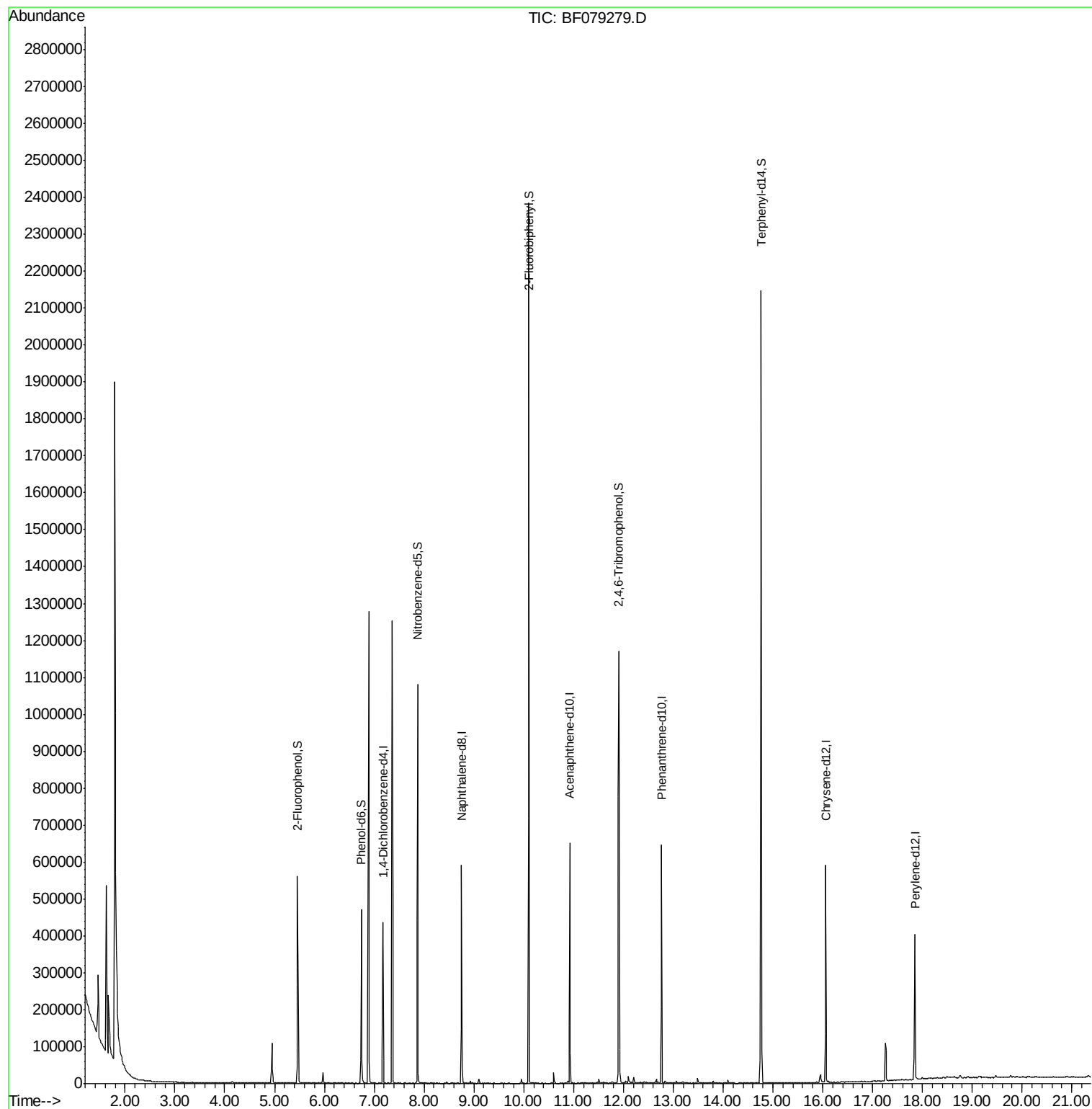
Target Compounds	Qvalue
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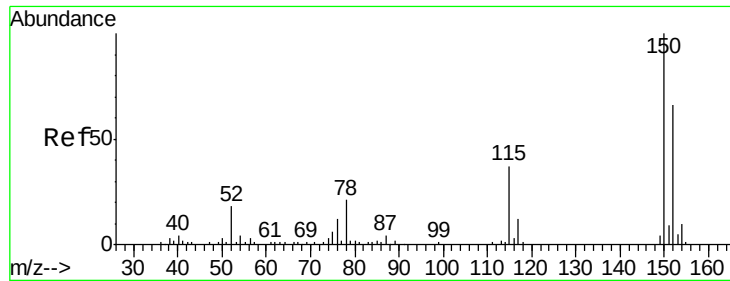
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-143A-51415

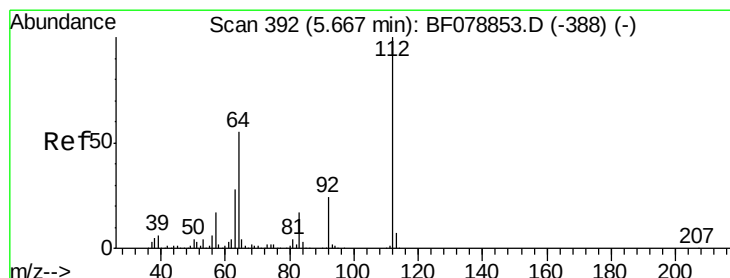
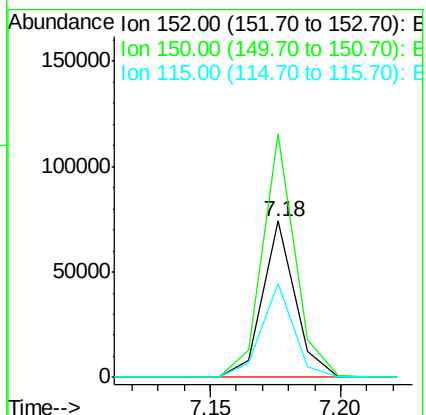
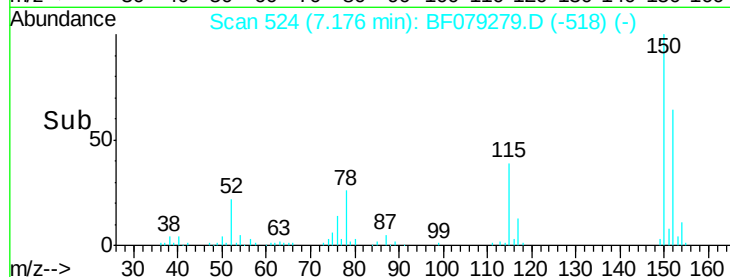
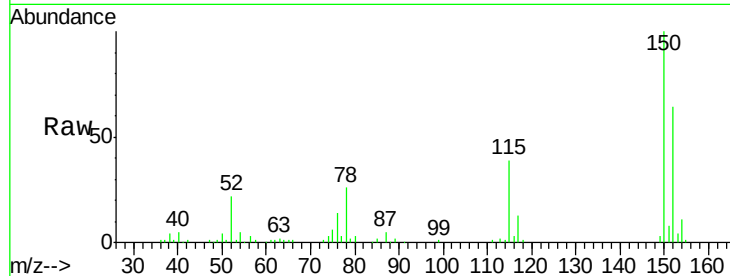
Tgt Ion:152 Resp: 65123

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.8

115 60.2 49.4 74.0



#5

2-Fluorophenol

Concen: 48.98 ng

RT: 5.46 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

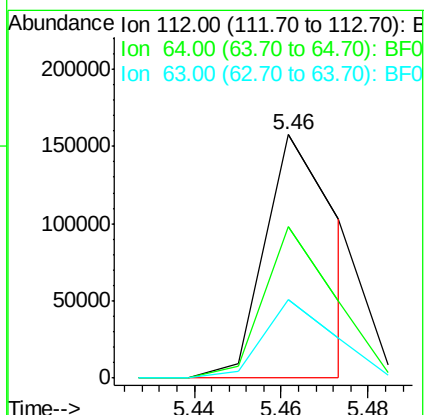
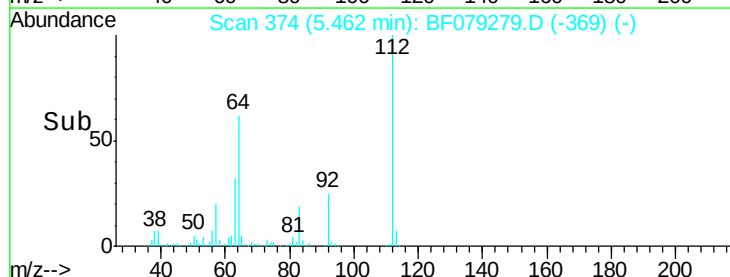
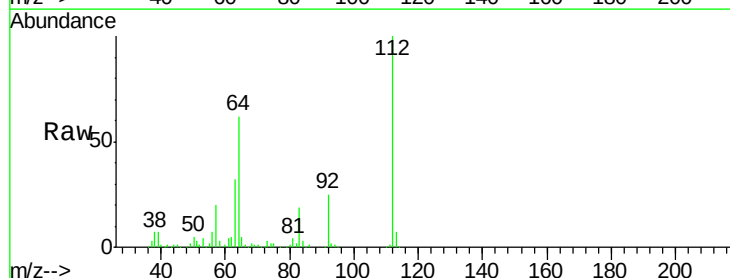
Tgt Ion:112 Resp: 185320

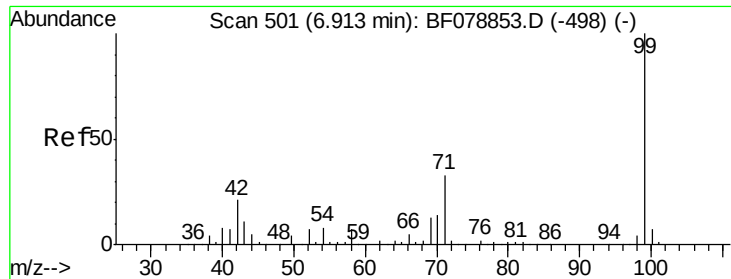
Ion Ratio Lower Upper

112 100

64 62.1 44.2 66.2

63 32.3 22.7 34.1





#7

Phenol-d6

Concen: 31.17 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-143A-51415

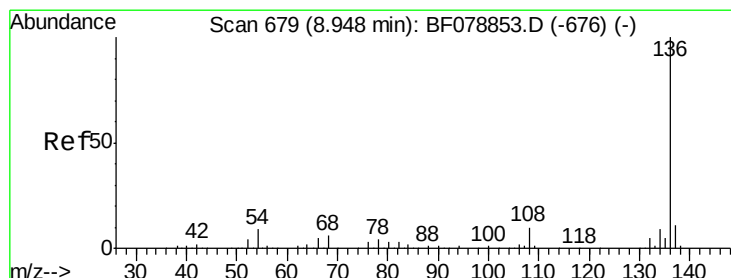
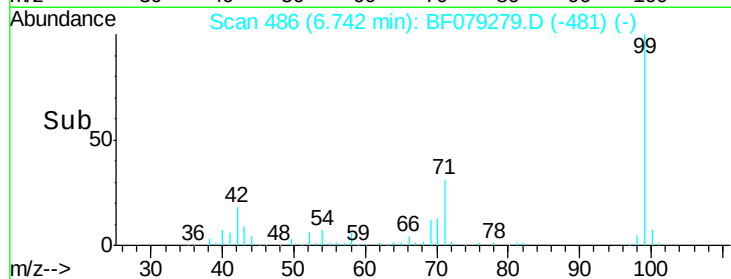
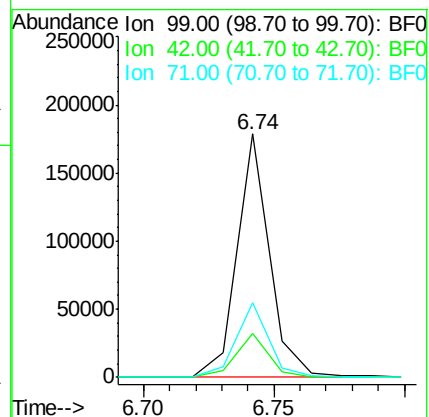
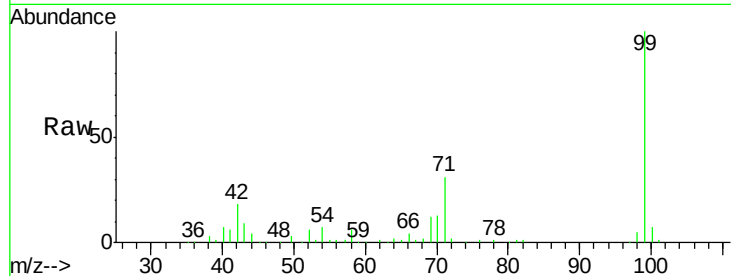
Tgt Ion: 99 Resp: 155889

Ion Ratio Lower Upper

99 100

42 17.9 17.1 25.7

71 30.7 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

Tgt Ion: 136 Resp: 269938

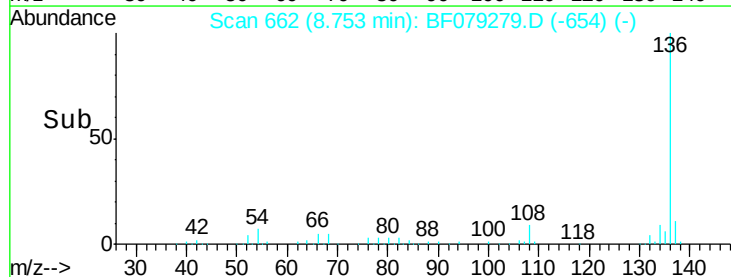
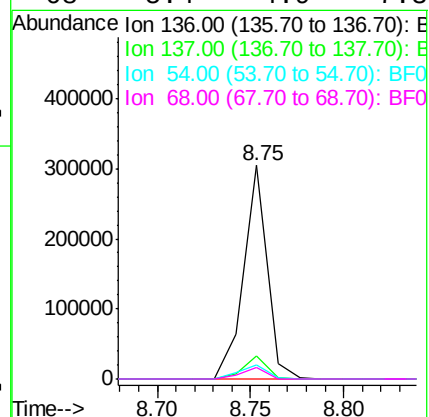
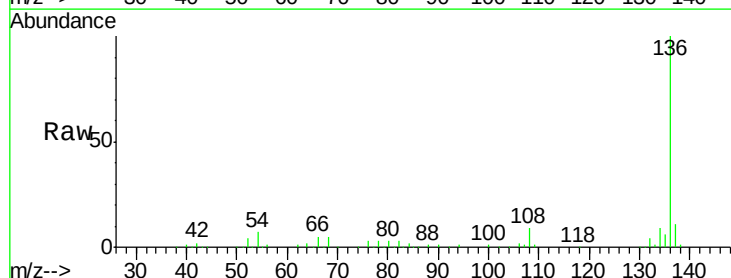
Ion Ratio Lower Upper

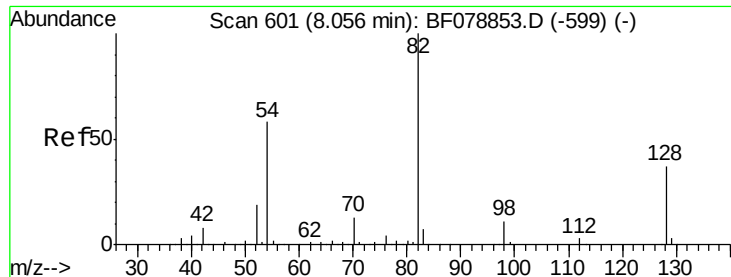
136 100

137 10.7 8.8 13.2

54 6.7 6.9 10.3#

68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 78.03 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-143A-51415

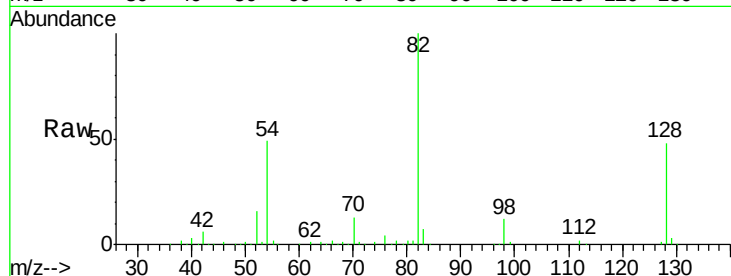
Tgt Ion: 82 Resp: 366509

Ion Ratio Lower Upper

82 100

128 48.5 29.7 44.5#

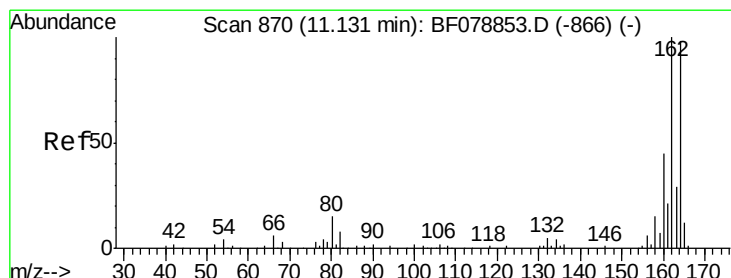
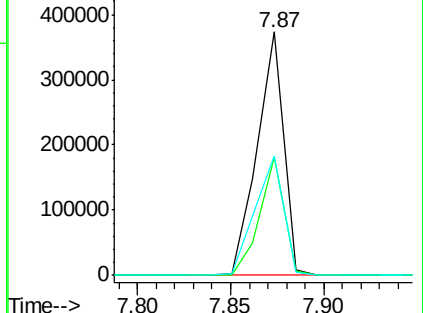
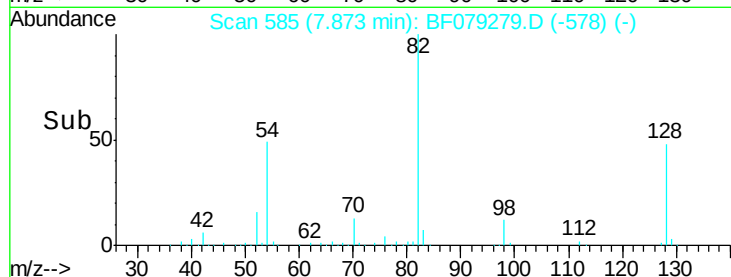
54 49.2 46.2 69.4



Abundance Ion 82.00 (81.70 to 82.70): BF079279.D (-578) (-)

Ion 128.00 (127.70 to 128.70): BF079279.D (-578) (-)

Ion 54.00 (53.70 to 54.70): BF079279.D (-578) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.93 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

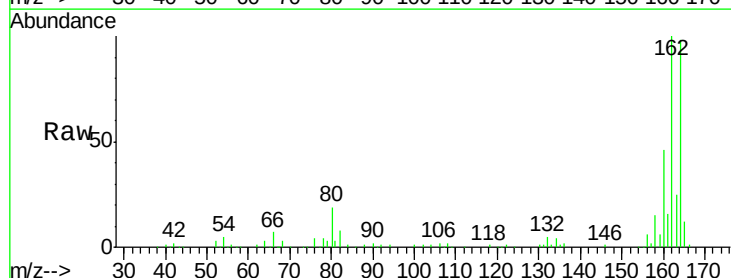
Tgt Ion: 164 Resp: 131740

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

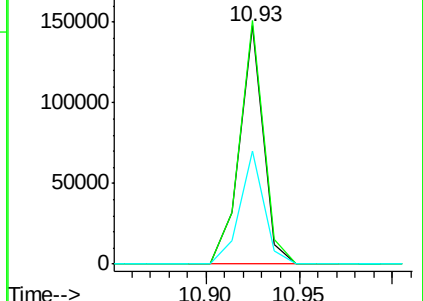
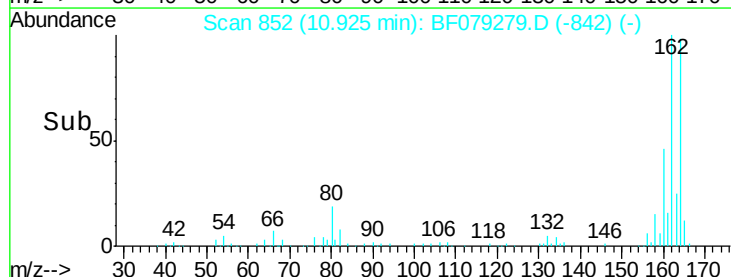
160 47.5 36.6 54.8

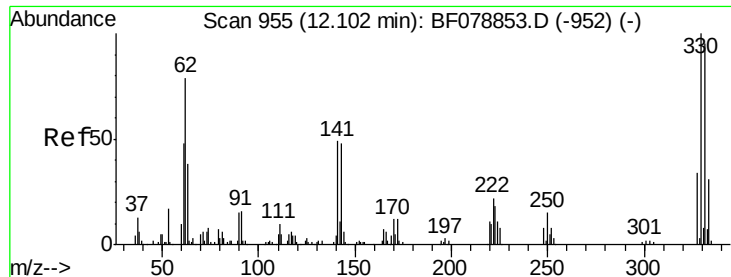


Abundance Ion 164.00 (163.70 to 164.70): BF079279.D (-842) (-)

Ion 162.00 (161.70 to 162.70): BF079279.D (-842) (-)

Ion 160.00 (159.70 to 160.70): BF079279.D (-842) (-)

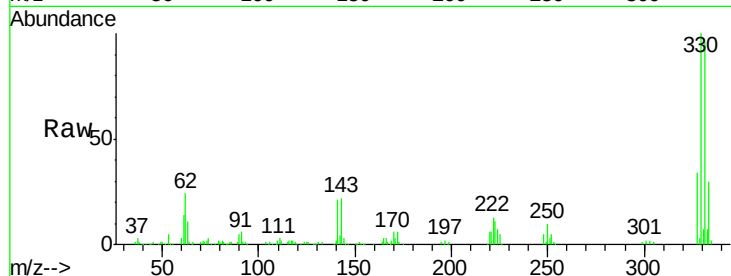




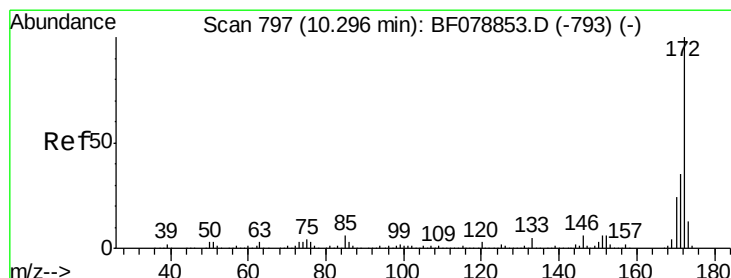
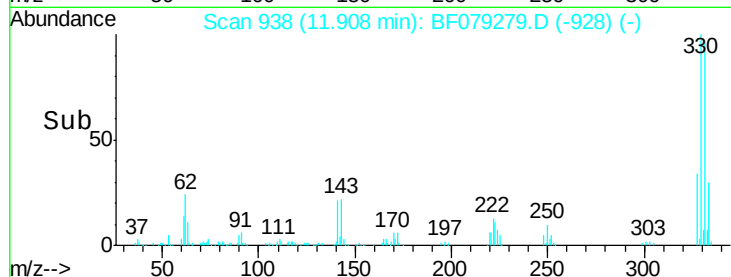
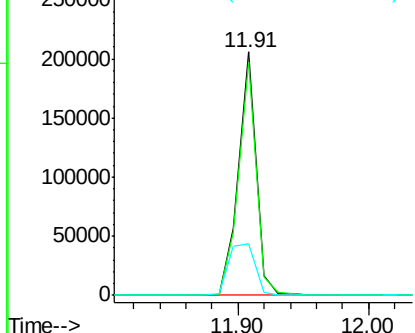
#41
 2,4,6-Tribromophenol
 Concen: 136.63 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079279.D
 Acq: 15 May 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-143A-51415

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	31.9	27.8	41.8

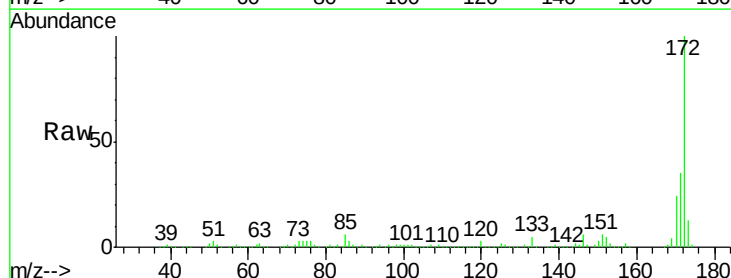


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

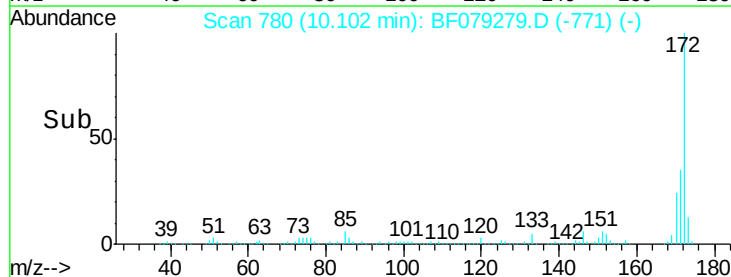
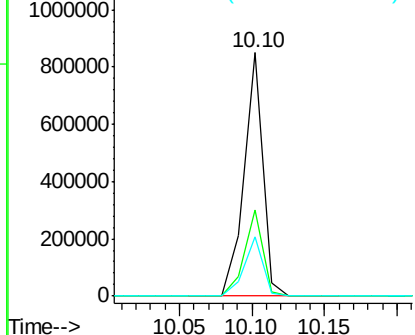


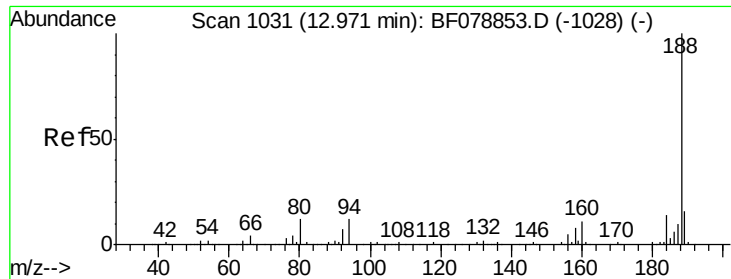
#44
 2-Fluorobiphenyl
 Concen: 80.62 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079279.D
 Acq: 15 May 2015 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	24.4	19.4	29.2



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

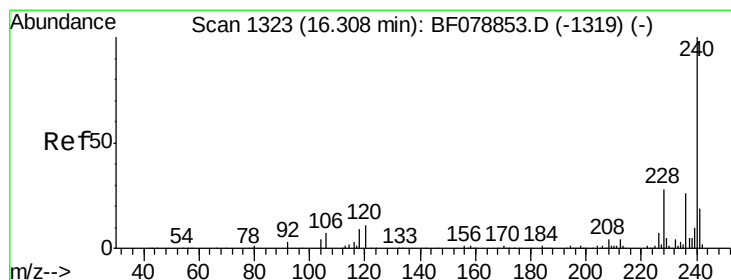
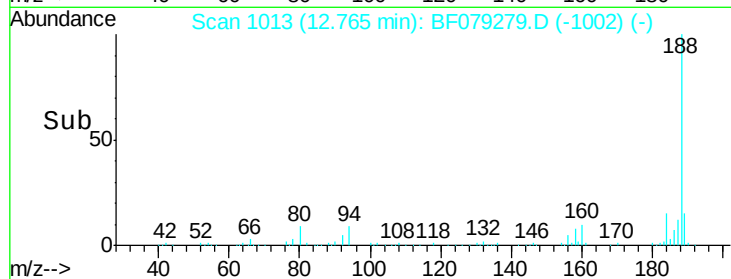
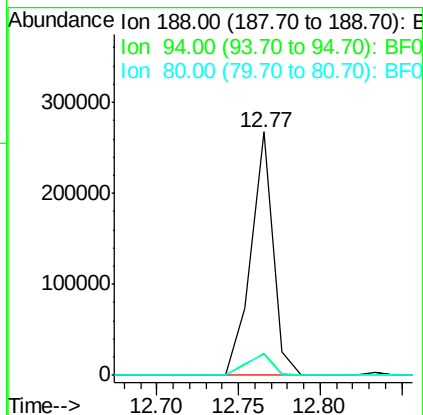
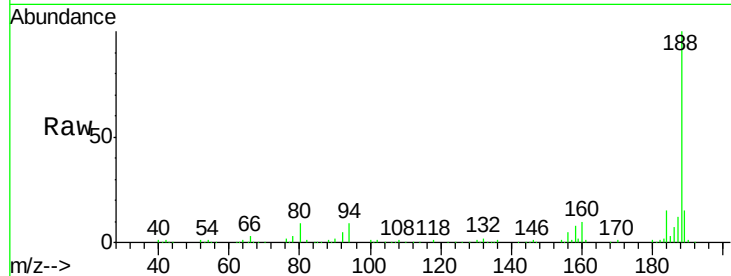




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079279.D
Acq: 15 May 2015 19:40

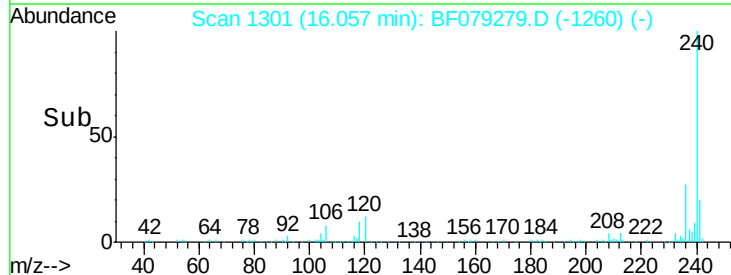
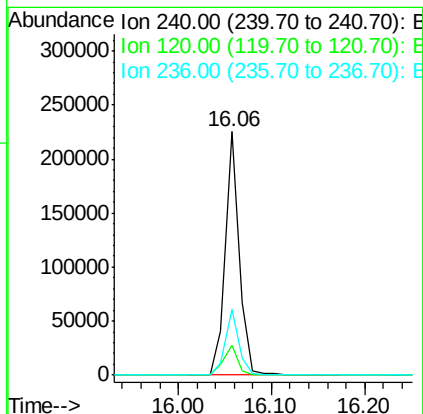
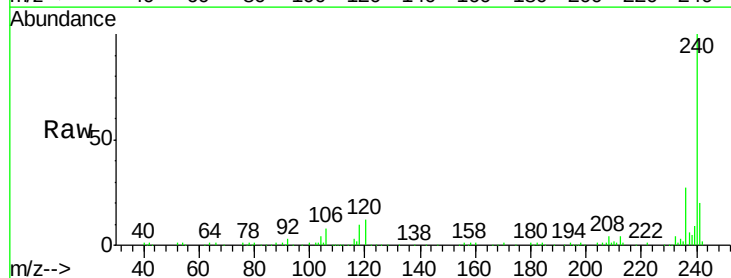
Instrument :
BNA_F
ClientSampleId :
DCW-WW-143A-51415

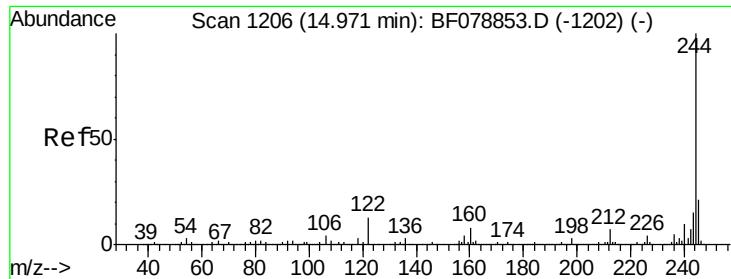
Tgt Ion:188 Resp: 252697
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.0#
80 8.8 9.8 14.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF079279.D
Acq: 15 May 2015 19:40

Tgt Ion:240 Resp: 234004
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 26.9 21.0 31.6





#78

Terphenyl-d14

Concen: 88.85 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

Instrument :

BNA_F

ClientSampleId :

DCW-WW-143A-51415

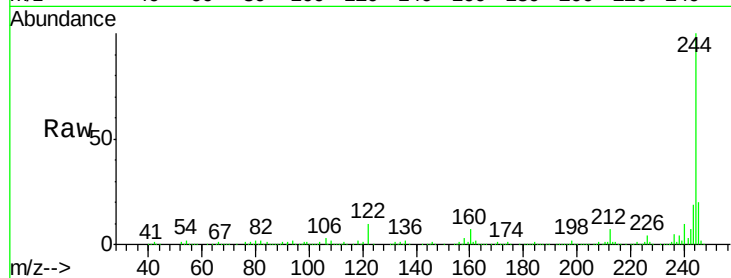
Tgt Ion:244 Resp: 868459

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

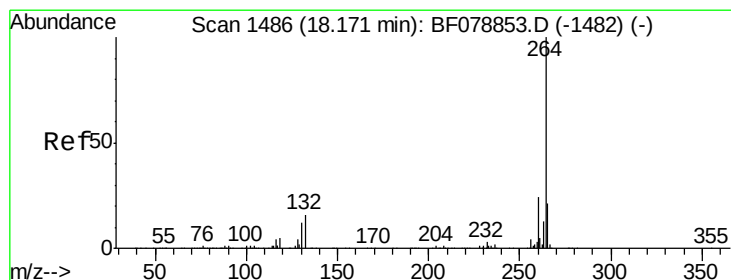
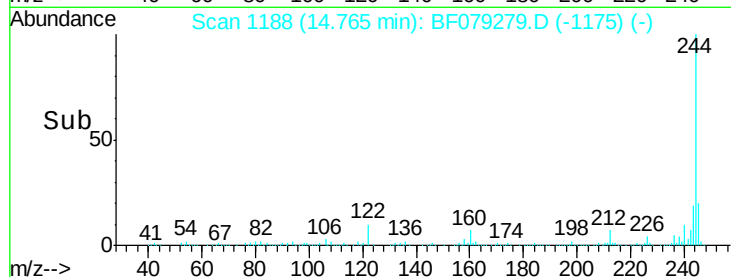
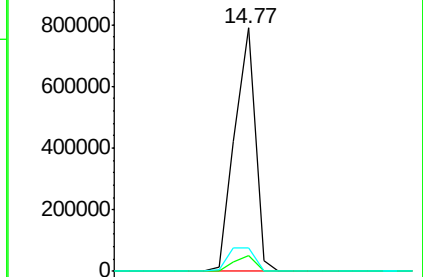
122 9.8 10.5 15.7#



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: 17.85 min Scan# 1458

Delta R.T. -0.08 min

Lab File: BF079279.D

Acq: 15 May 2015 19:40

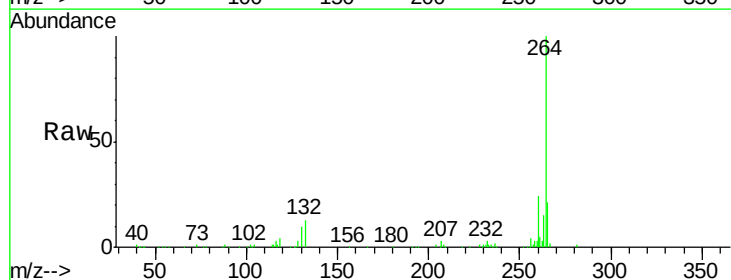
Tgt Ion:264 Resp: 224079

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.8 17.2 25.8



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

