

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079812.D
 Acq On : 7 Jun 2015 13:58
 Operator : TP/IZ
 Sample : G2457-21
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Jun 09 01:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	34257	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	132478	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	65374	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	144929	20.00	ng	0.00
75) Chrysene-d12	15.07	240	142670	20.00	ng	0.09
86) Perylene-d12	17.04	264	101893	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	381683	186.74	ng	0.00
7) Phenol-d6	7.07	99	283781	107.50	ng	0.00
23) Nitrobenzene-d5	8.03	82	187556	86.92	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	87987	140.72	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	431457	89.41	ng	0.00
78) Terphenyl-d14	13.77	244	573418	92.05	ng	0.05

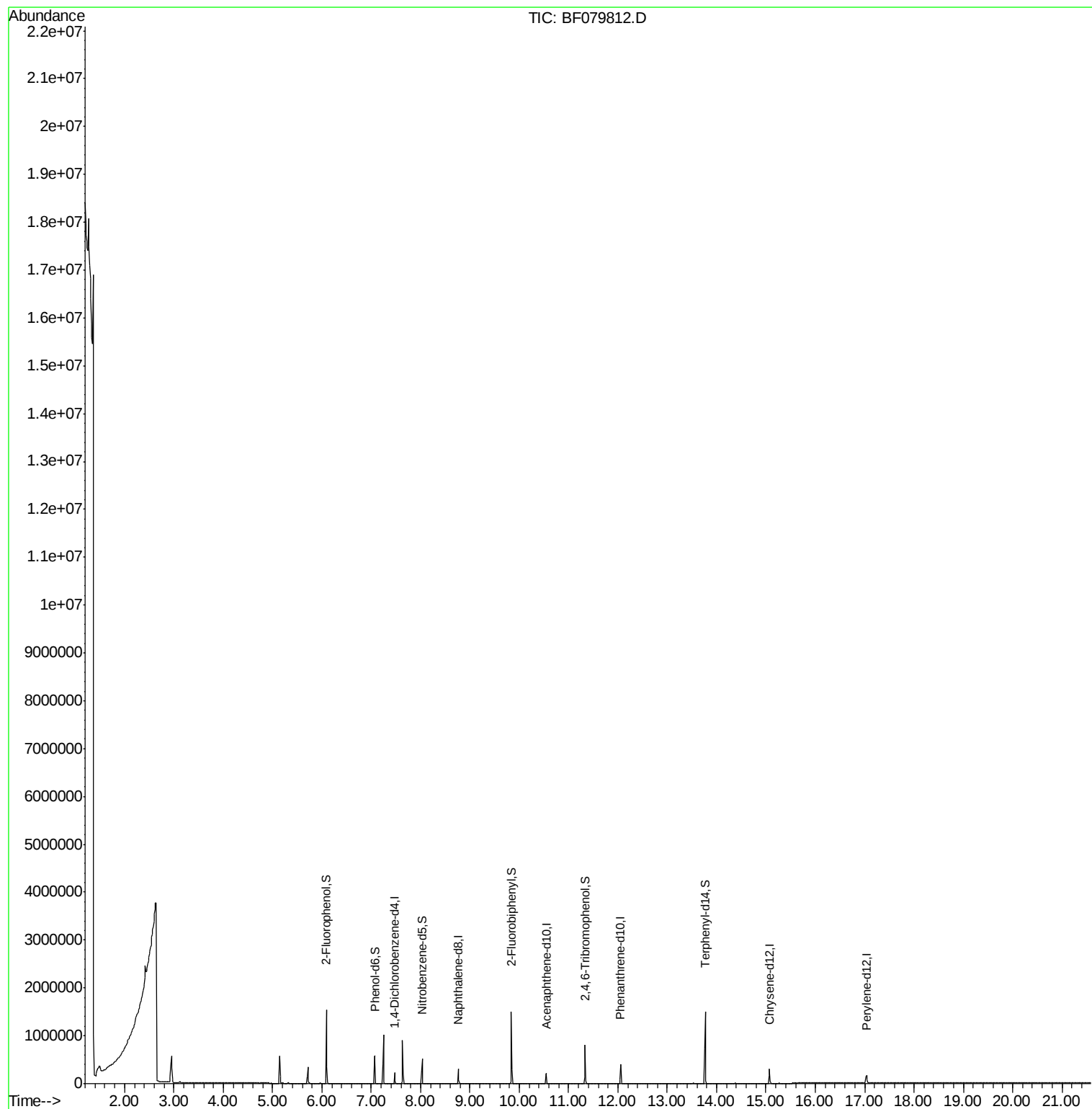
Target Compounds	Qvalue
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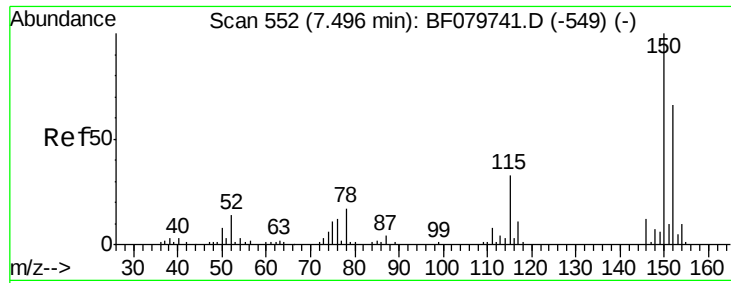
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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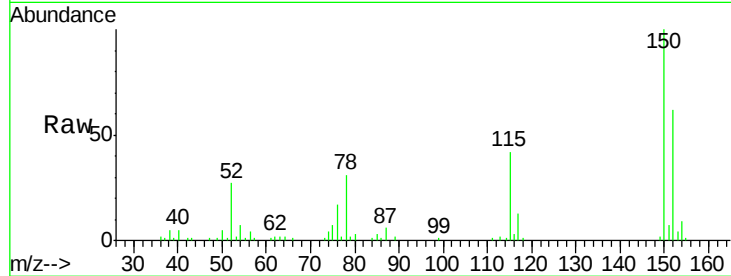


#1

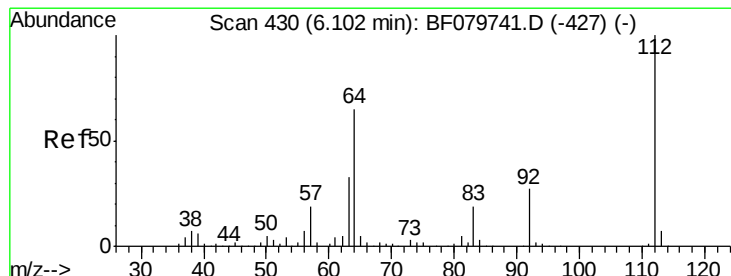
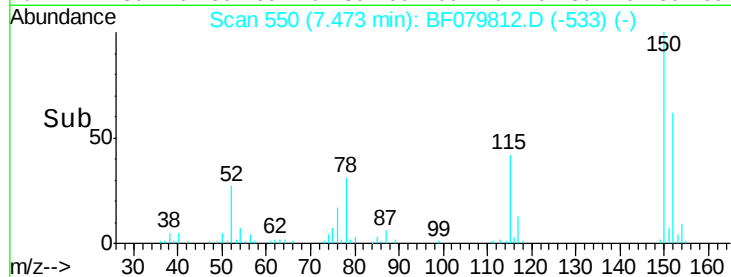
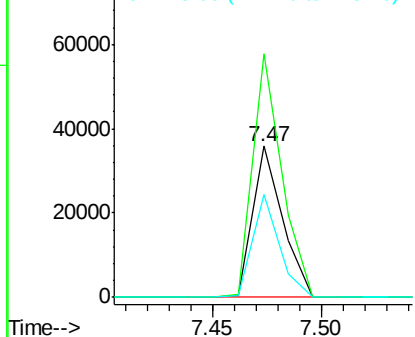
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF079812.D
Acq: 7 Jun 2015 13:58

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:152 Resp: 34257
Ion Ratio Lower Upper
152 100
150 160.9 128.1 192.1
115 67.8 49.7 74.5



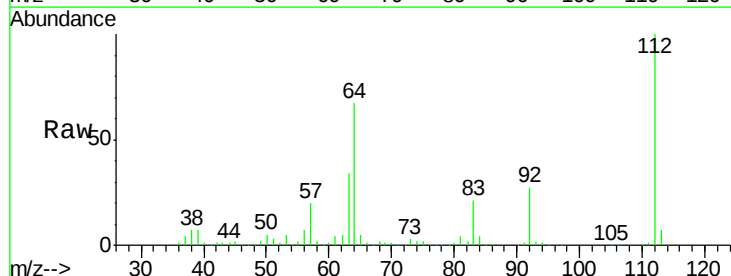
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



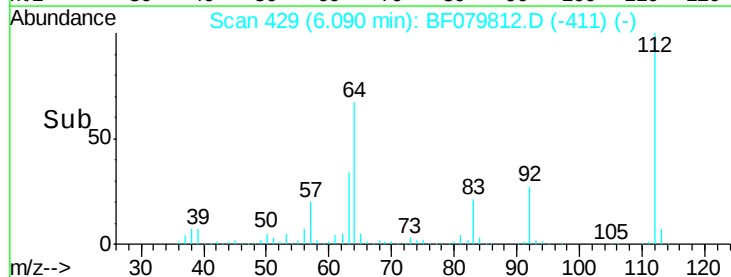
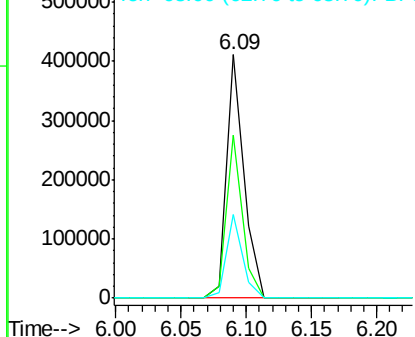
#5

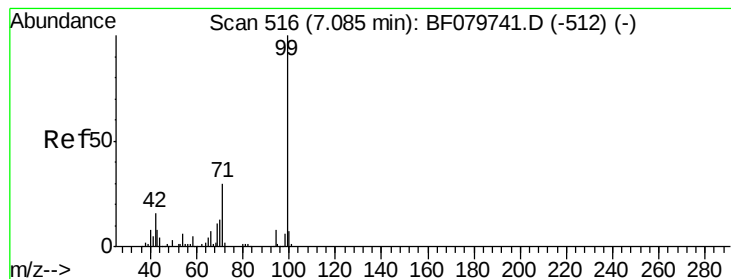
2-Fluorophenol
Concen: 186.74 ng
RT: 6.09 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF079812.D
Acq: 7 Jun 2015 13:58

Tgt Ion:112 Resp: 381683
Ion Ratio Lower Upper
112 100
64 66.8 49.6 74.4
63 34.2 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: 107.50 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079812.D

Acq: 7 Jun 2015 13:58

Instrument :

BNA_F

ClientSampleId :

SP-3

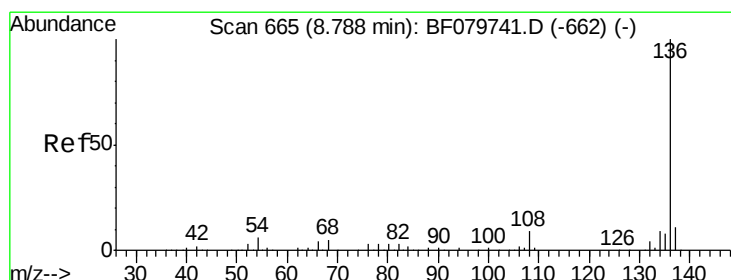
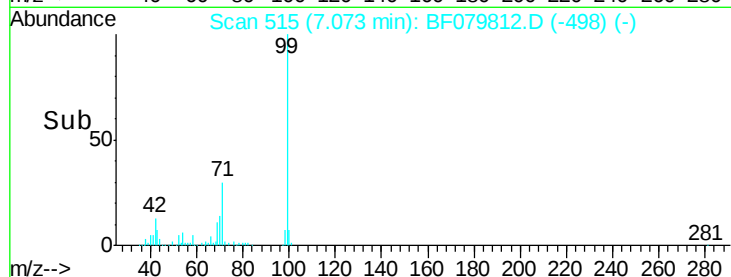
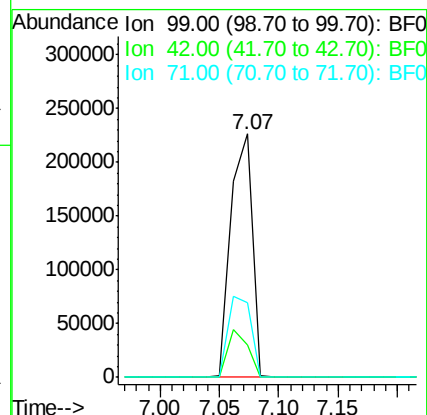
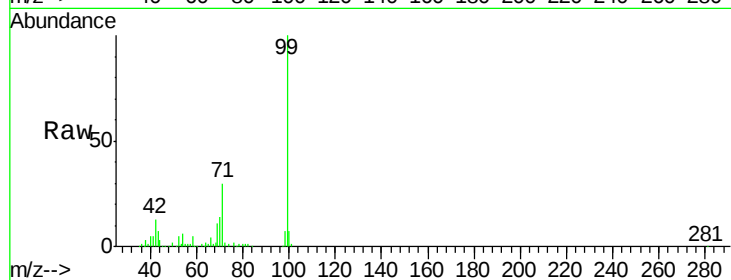
Tgt Ion: 99 Resp: 283781

Ion Ratio Lower Upper

99 100

42 13.4 18.0 27.0#

71 30.4 28.4 42.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF079812.D

Acq: 7 Jun 2015 13:58

Tgt Ion: 136 Resp: 132478

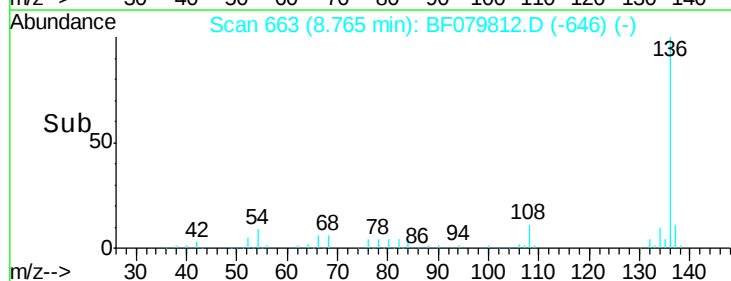
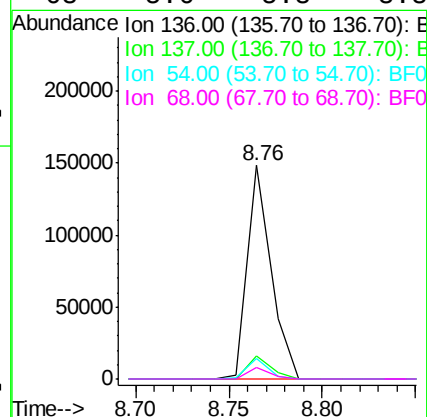
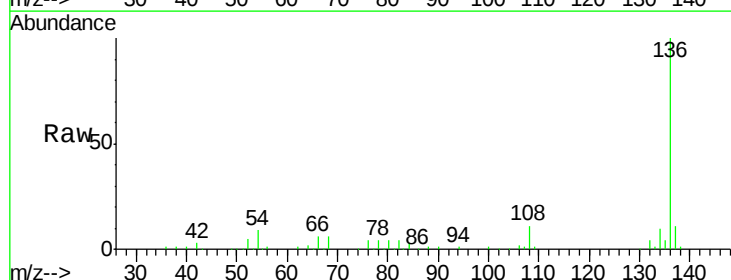
Ion Ratio Lower Upper

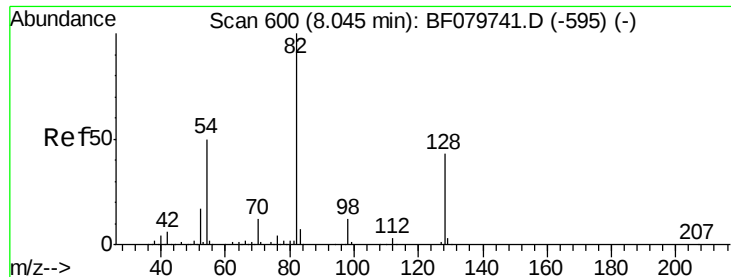
136 100

137 10.8 8.8 13.2

54 9.4 8.7 13.1

68 5.6 5.8 8.8#

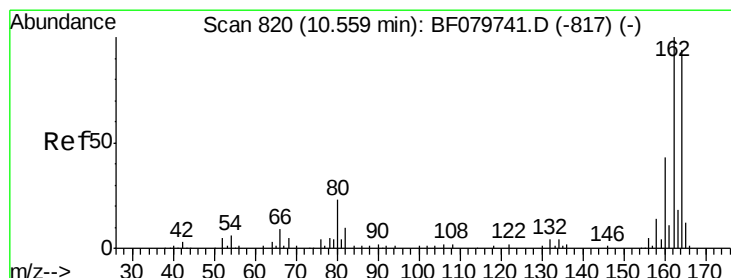
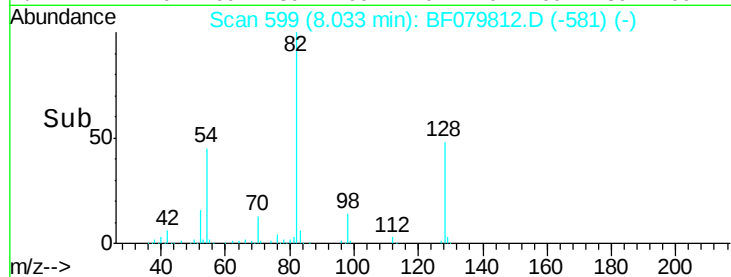
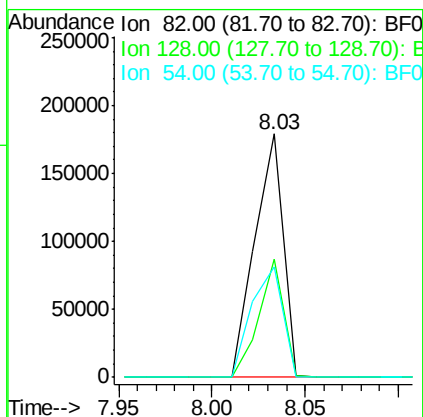
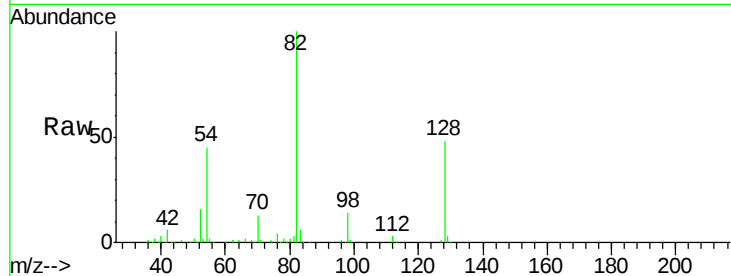




#23
 Nitrobenzene-d5
 Concen: 86.92 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079812.D
 Acq: 7 Jun 2015 13:58

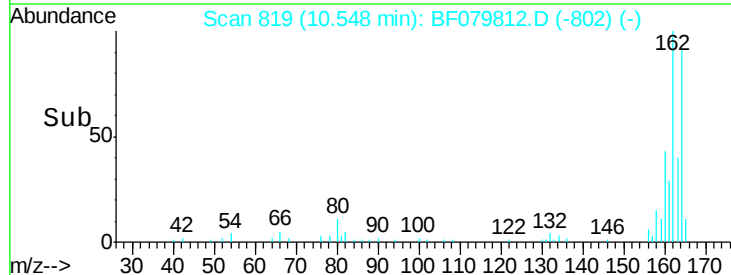
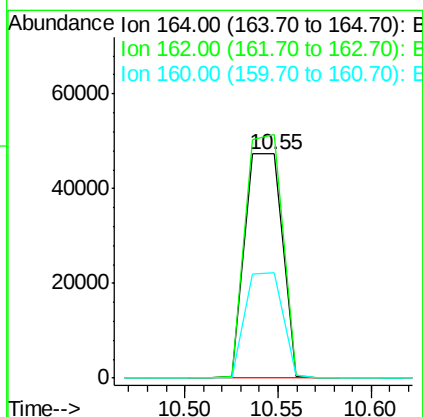
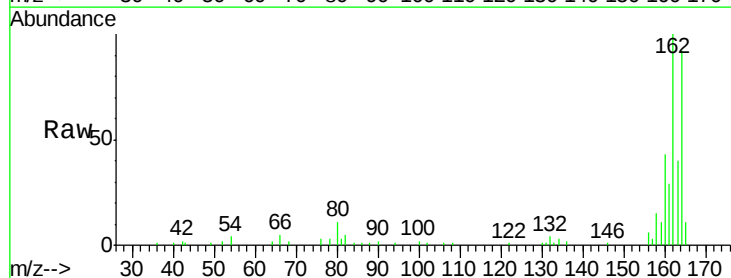
Instrument :
 BNA_F
 ClientSampled :
 SP-3

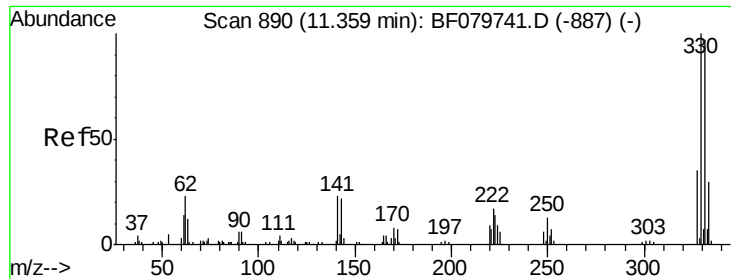
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.6	56.4
54	45.4	39.4	59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF079812.D
 Acq: 7 Jun 2015 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.6	123.8
160	47.1	36.8	55.2

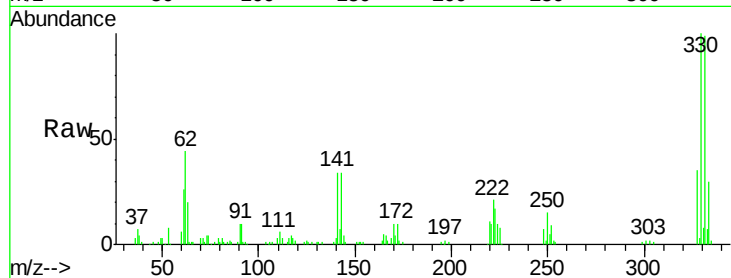




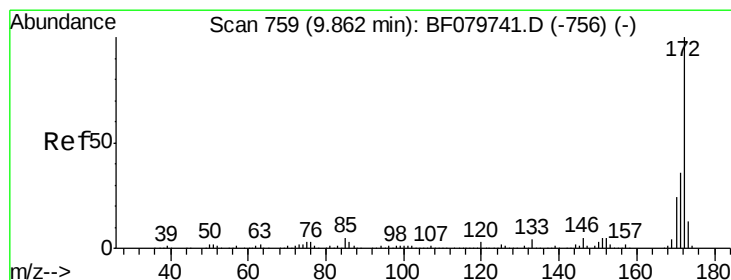
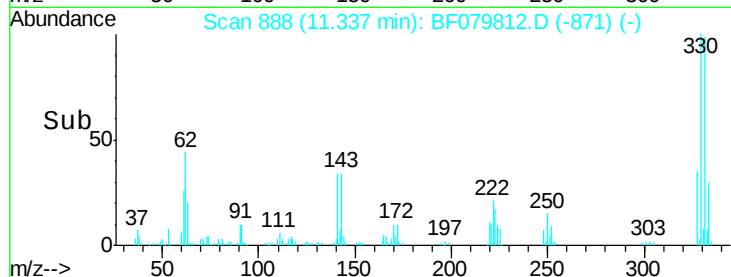
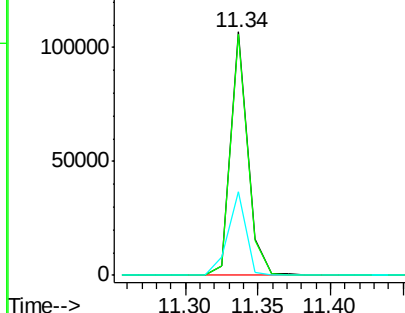
#41
 2,4,6-Tribromophenol
 Concen: 140.72 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079812.D
 Acq: 7 Jun 2015 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:330 Resp: 87987
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.0
 141 36.0 30.2 45.2

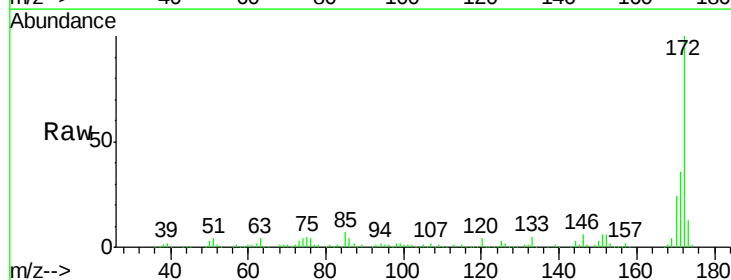


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

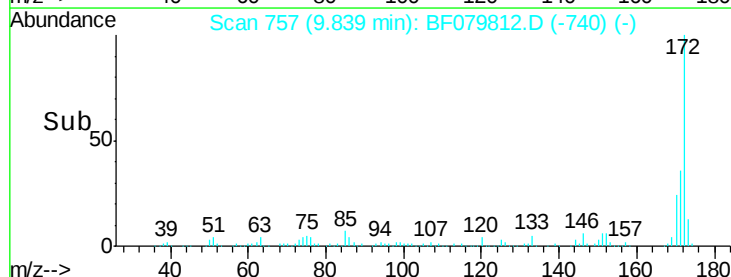
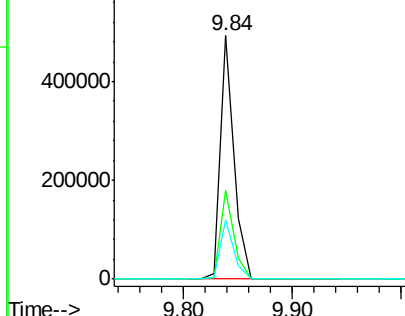


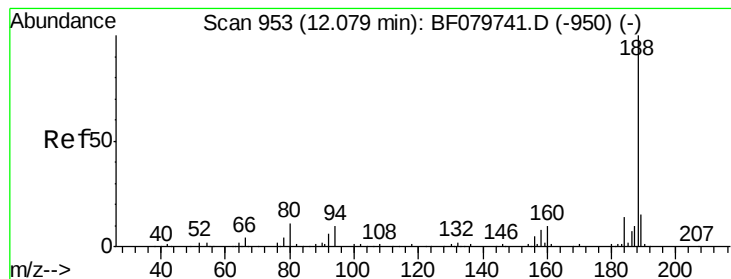
#44
 2-Fluorobiphenyl
 Concen: 89.41 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079812.D
 Acq: 7 Jun 2015 13:58

Tgt Ion:172 Resp: 431457
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 19.7 29.5



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: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079812.D

Acq: 7 Jun 2015 13:58

Instrument :

BNA_F

ClientSampleId :

SP-3

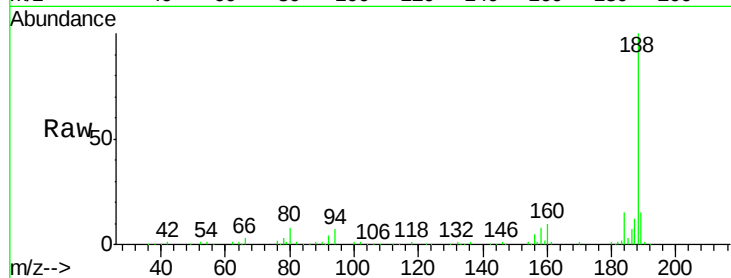
Tgt Ion:188 Resp: 144929

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

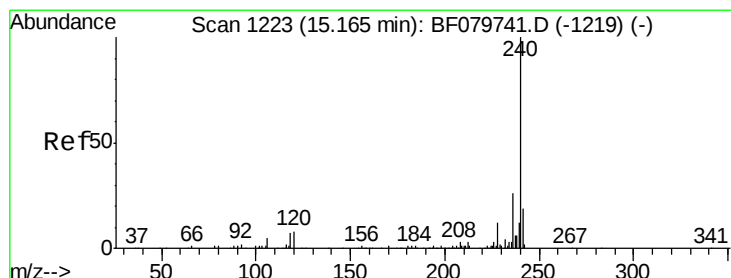
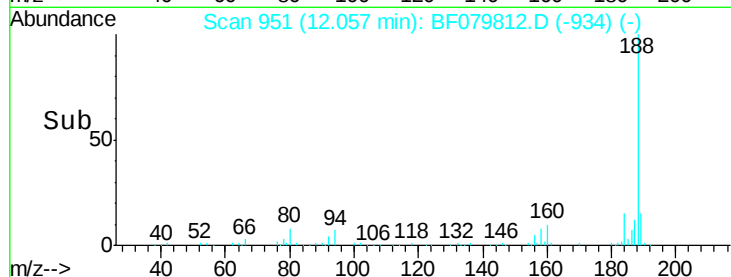
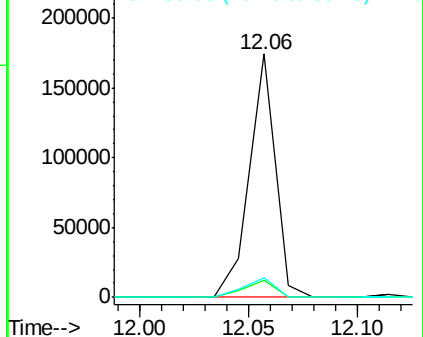
80 7.9 5.3 7.9



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: 20.00 ng

RT: 15.07 min Scan# 1215

Delta R.T. 0.09 min

Lab File: BF079812.D

Acq: 7 Jun 2015 13:58

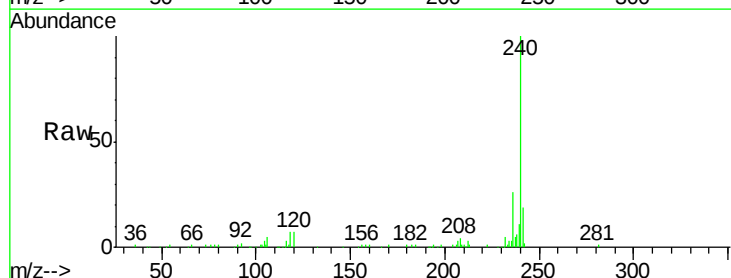
Tgt Ion:240 Resp: 142670

Ion Ratio Lower Upper

240 100

120 7.2 6.2 9.2

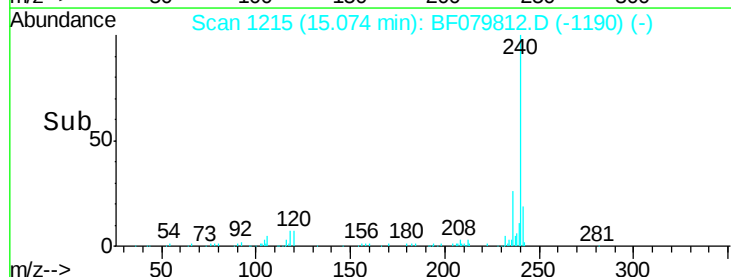
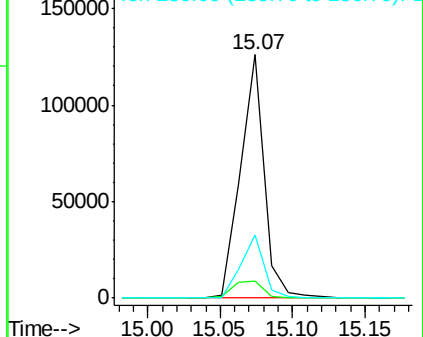
236 25.9 21.0 31.4

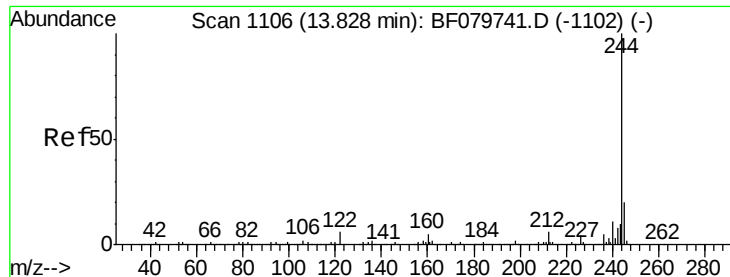


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.05 ng

RT: 13.77 min Scan# 1101

Delta R.T. 0.05 min

Lab File: BF079812.D

Acq: 7 Jun 2015 13:58

Instrument :

BNA_F

ClientSampleId :

SP-3

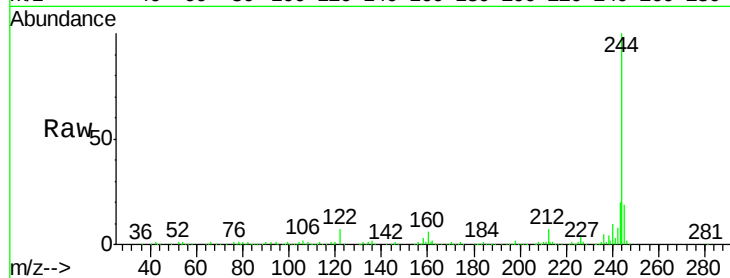
Tgt Ion:244 Resp: 573418

Ion Ratio Lower Upper

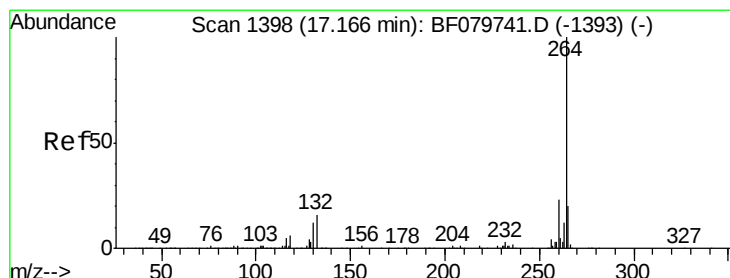
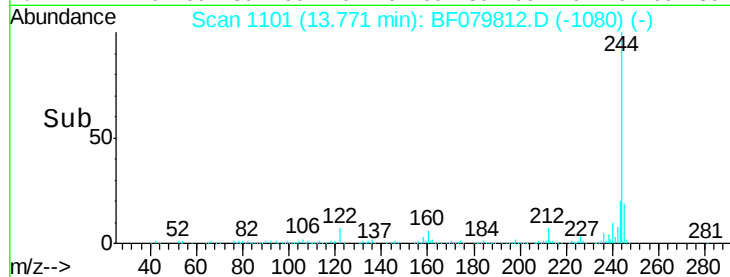
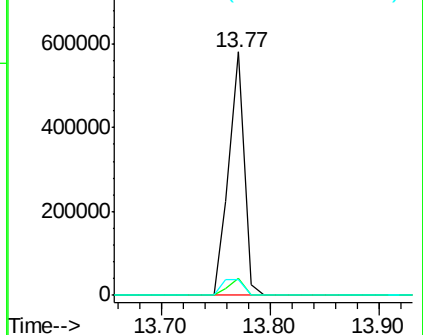
244 100

212 6.9 6.1 9.1

122 6.7 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: 17.04 min Scan# 1387

Delta R.T. 0.14 min

Lab File: BF079812.D

Acq: 7 Jun 2015 13:58

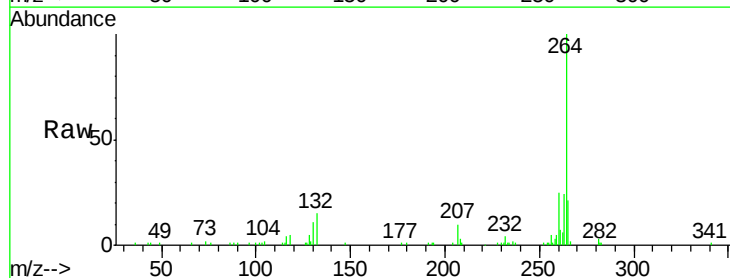
Tgt Ion:264 Resp: 101893

Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

265 21.2 18.2 27.4



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

