

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077453.D
 Acq On : 26 Feb 2015 2:26
 Operator : IZ / TP
 Sample : G1363-01
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Quant Time: Feb 26 05:00:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 04:51:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	86362	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	344621	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	175699	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	353029	20.00	ng	0.00
75) Chrysene-d12	16.16	240	384380	20.00	ng	0.00
86) Perylene-d12	17.87	264	385353	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	378876	73.24	ng	0.00
7) Phenol-d6	6.84	99	524057	78.79	ng	0.00
23) Nitrobenzene-d5	7.97	82	280367	50.59	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	128183	75.77	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	564769	50.12	ng	-0.01
78) Terphenyl-d14	14.88	244	712297	43.32	ng	0.00

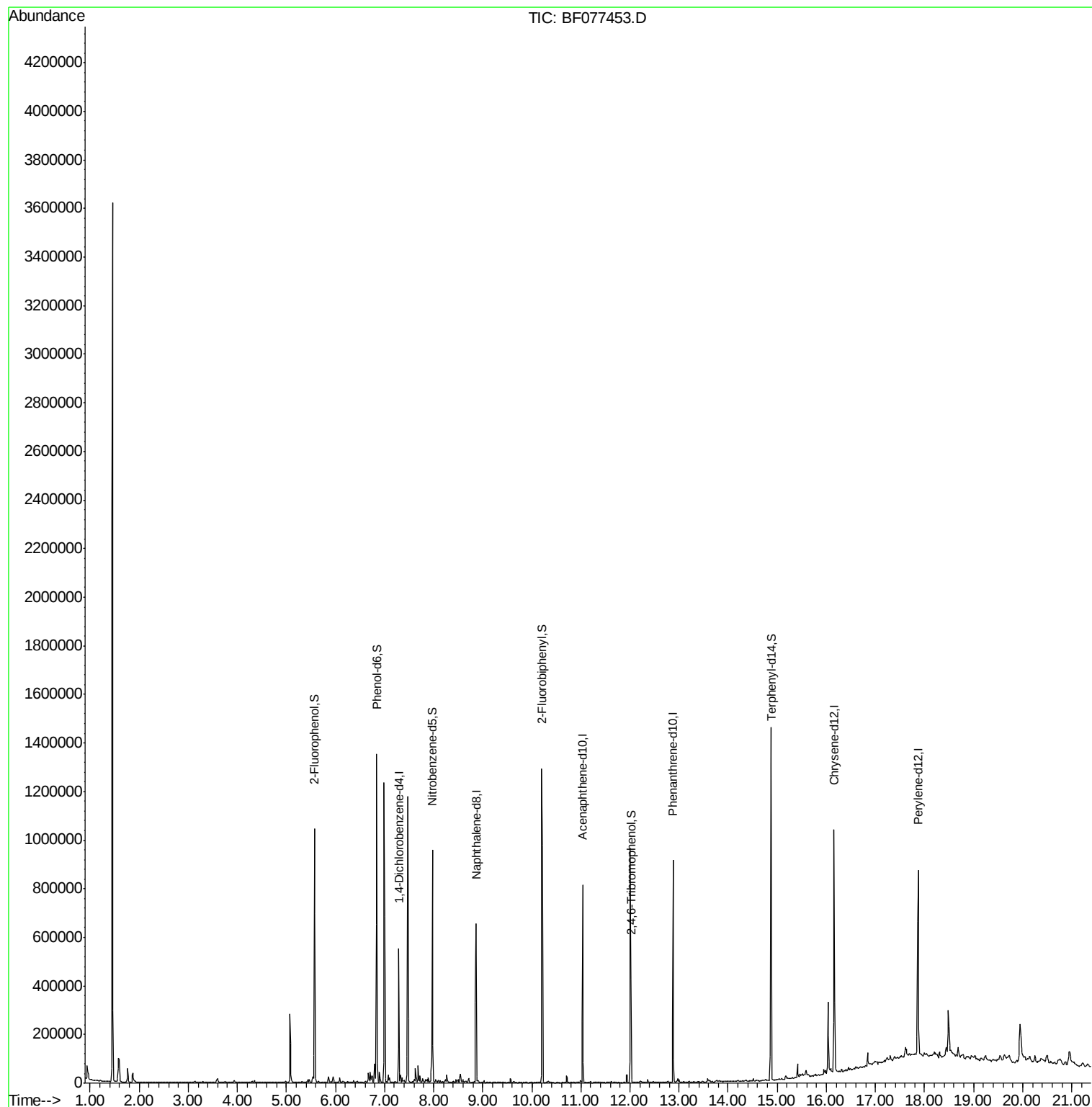
Target Compounds	Qvalue
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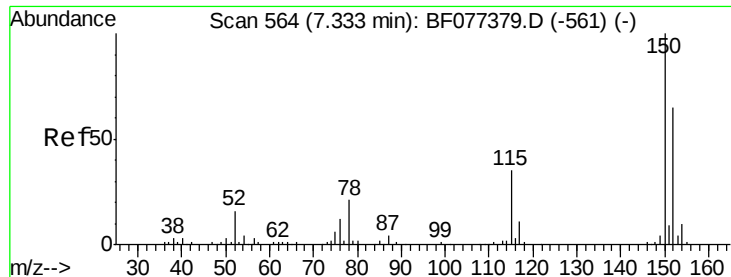
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF077453.D

Acq: 26 Feb 2015 2:26

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

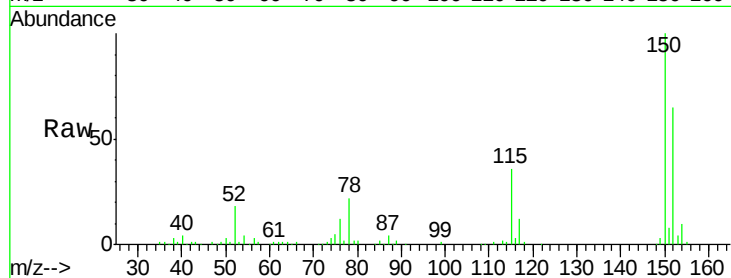
Tgt Ion:152 Resp: 86362

Ion Ratio Lower Upper

152 100

150 153.4 124.0 186.0

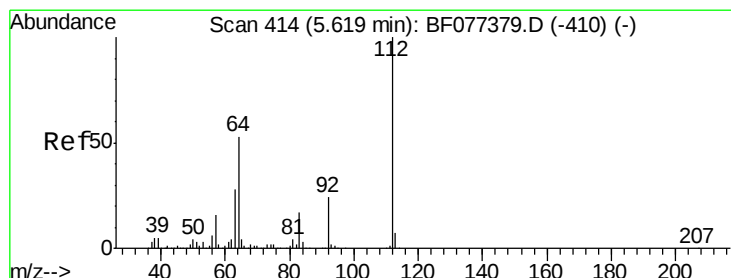
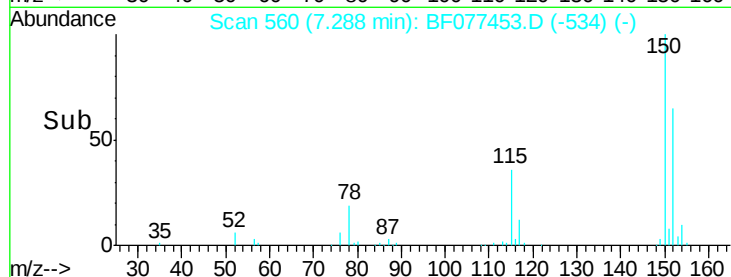
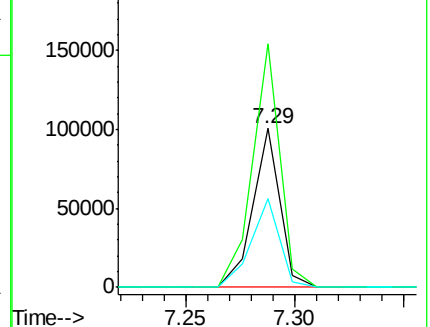
115 55.8 49.4 74.2



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: 73.24 ng

RT: 5.57 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF077453.D

Acq: 26 Feb 2015 2:26

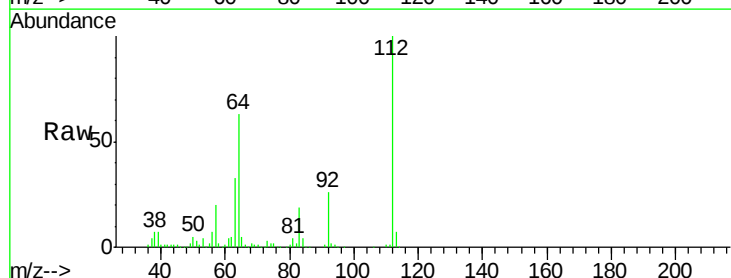
Tgt Ion:112 Resp: 378876

Ion Ratio Lower Upper

112 100

64 62.7 48.5 72.7

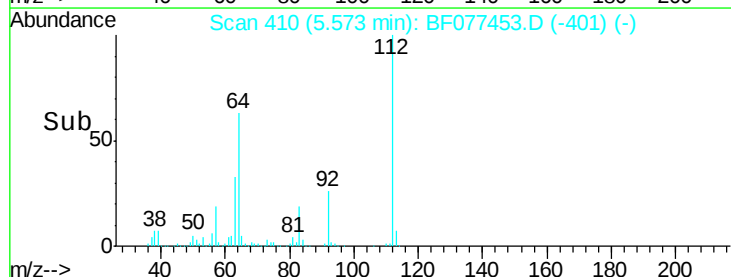
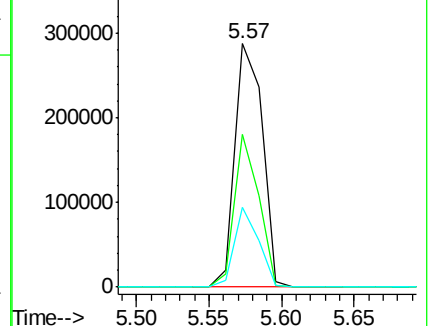
63 33.0 25.0 37.4

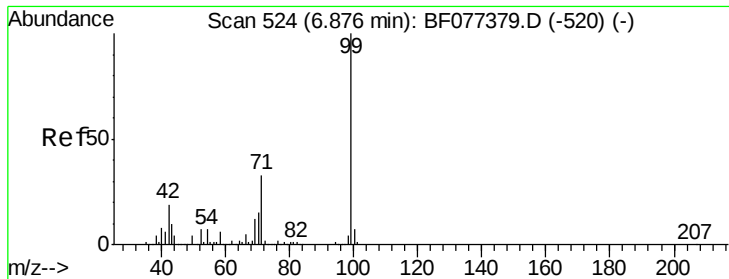


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.79 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077453.D

Acq: 26 Feb 2015 2:26

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

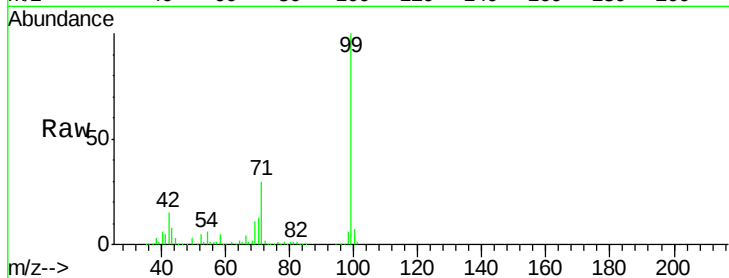
Tgt Ion: 99 Resp: 524057

Ion Ratio Lower Upper

99 100

42 15.2 16.2 24.4#

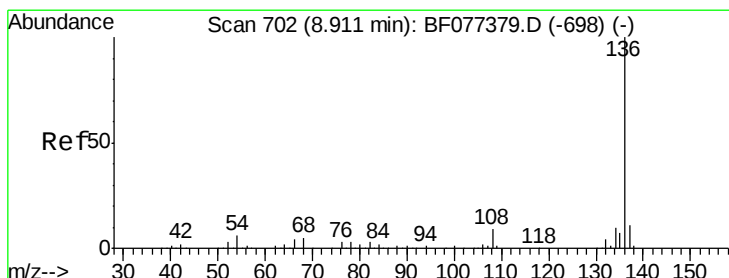
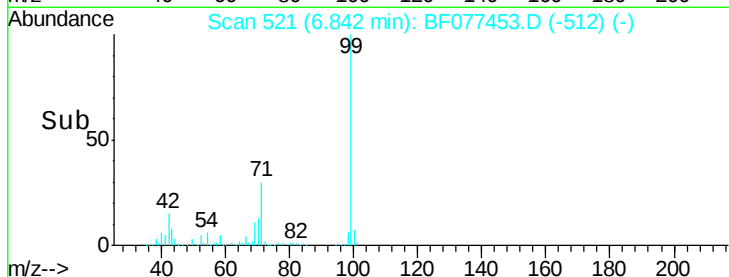
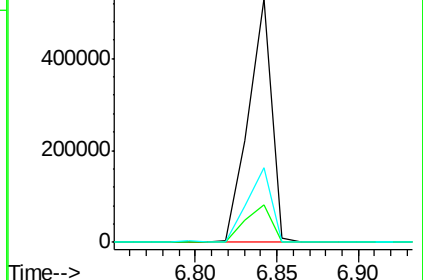
71 30.5 26.7 40.1



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: 20.00 ng

RT: 8.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077453.D

Acq: 26 Feb 2015 2:26

Tgt Ion: 136 Resp: 344621

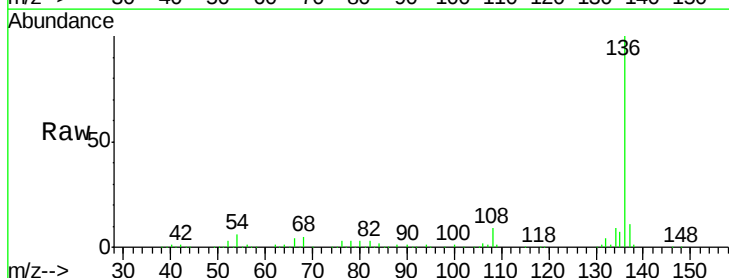
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.7 6.2 9.4#

68 4.6 5.0 7.6#

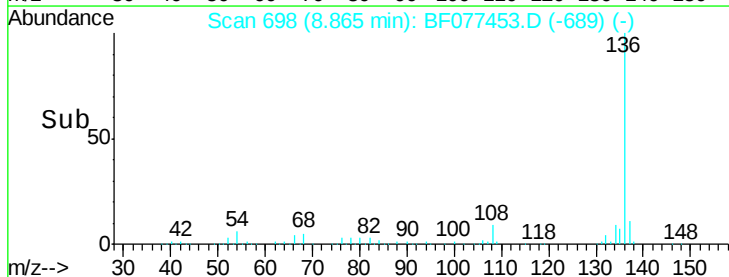
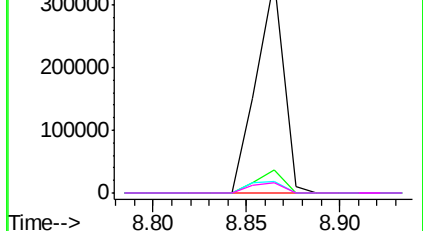


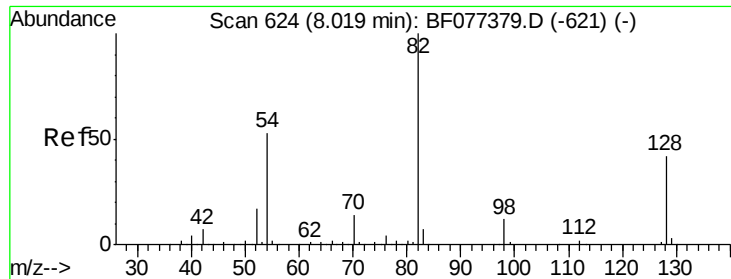
Abundance Ion 136.00 (135.70 to 136.70): E

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

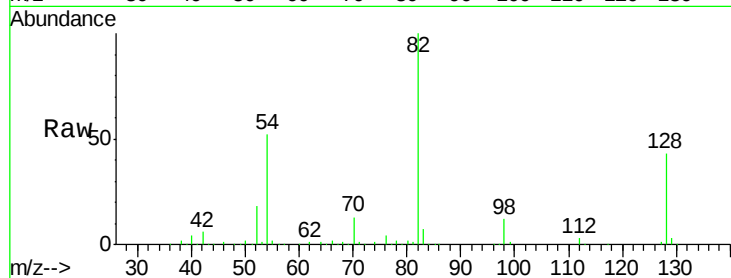




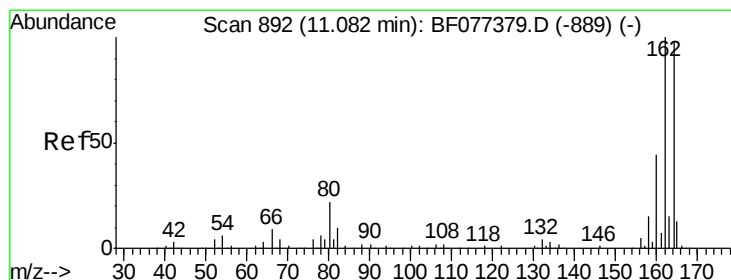
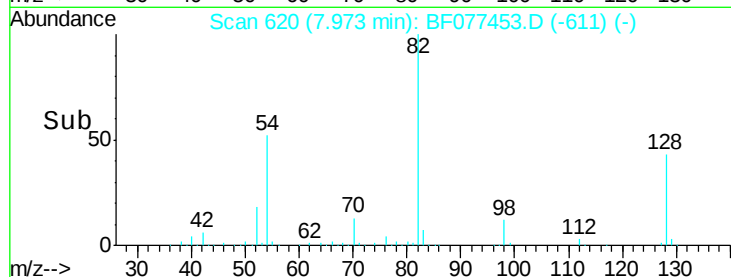
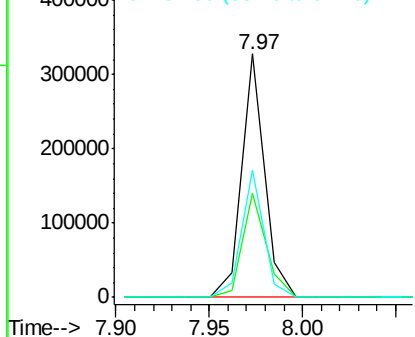
#23
 Nitrobenzene-d5
 Concen: 50.59 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Tgt Ion: 82 Resp: 280367
 Ion Ratio Lower Upper
 82 100
 128 42.6 43.8 65.8#
 54 52.0 36.7 55.1

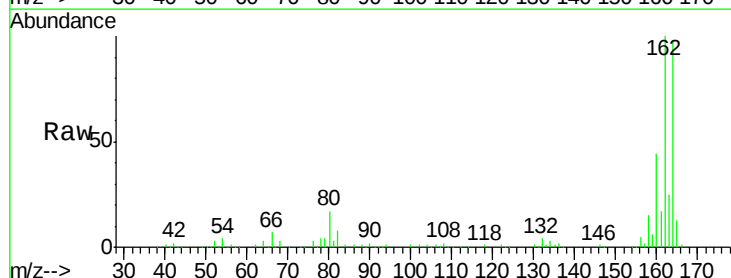


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

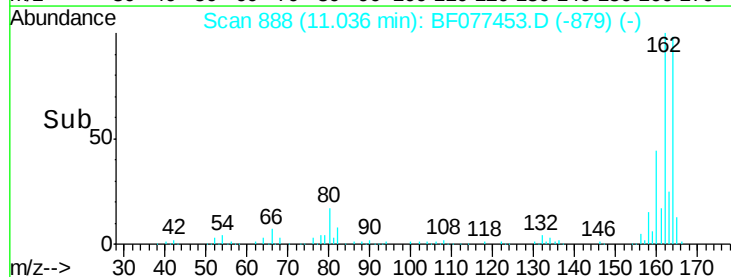
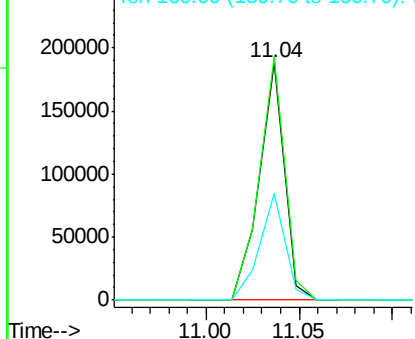


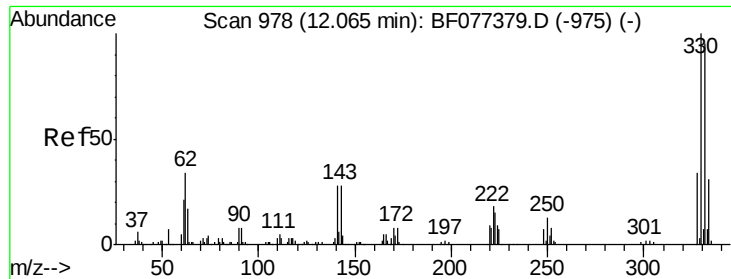
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Tgt Ion: 164 Resp: 175699
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.2 124.8
 160 44.7 34.6 52.0



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

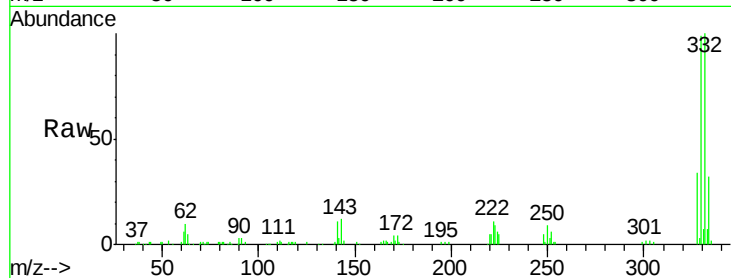




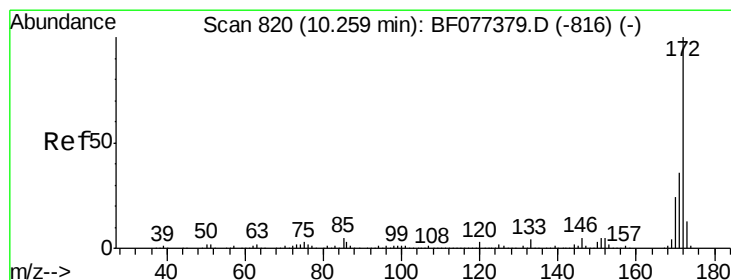
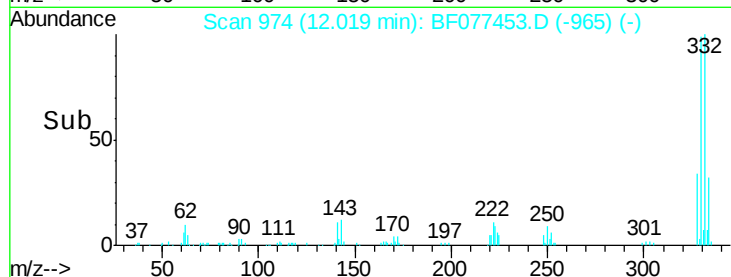
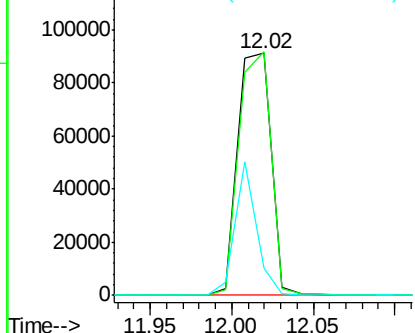
#41
 2,4,6-Tribromophenol
 Concen: 75.77 ng
 RT: 12.02 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Tgt Ion:330 Resp: 128183
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 35.3 28.8 43.2

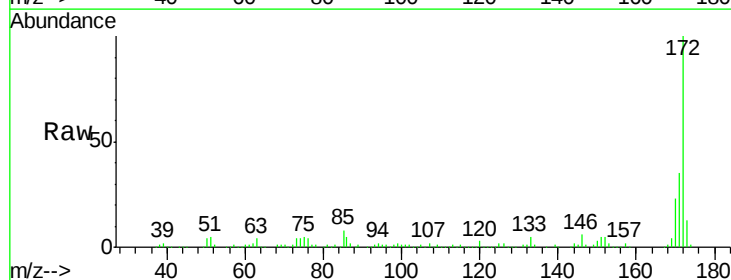


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

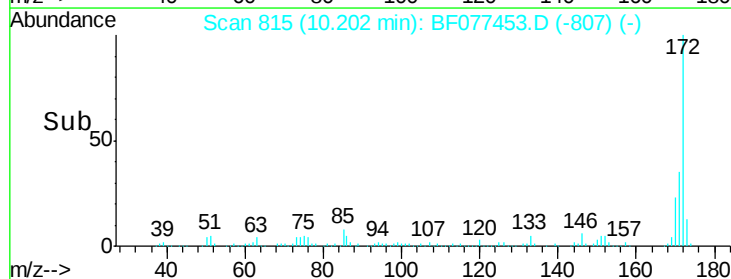
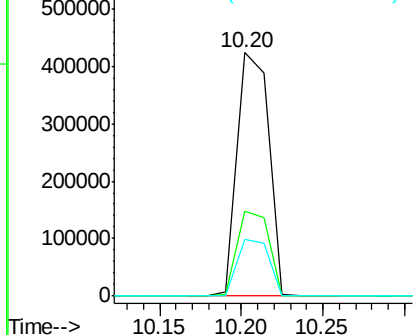


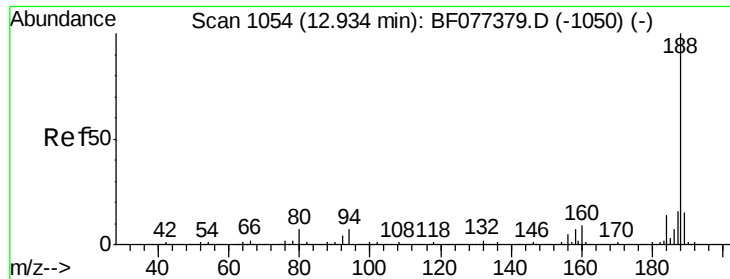
#44
 2-Fluorobiphenyl
 Concen: 50.12 ng
 RT: 10.20 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Tgt Ion:172 Resp: 564769
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.3 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

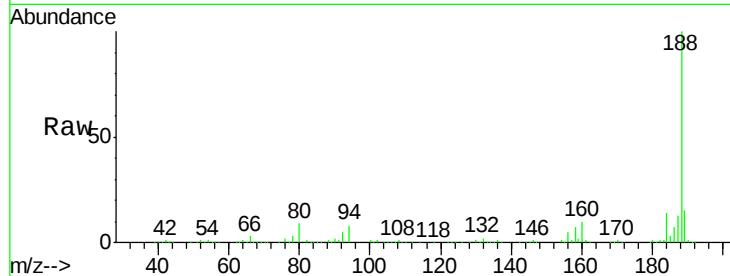




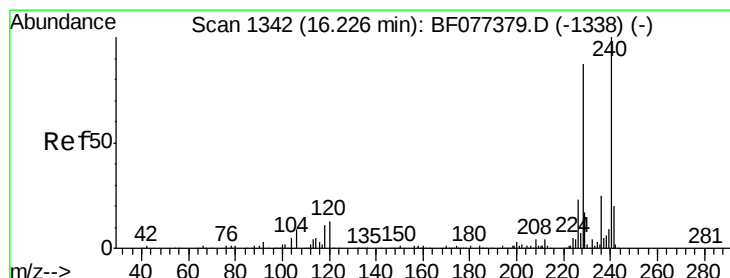
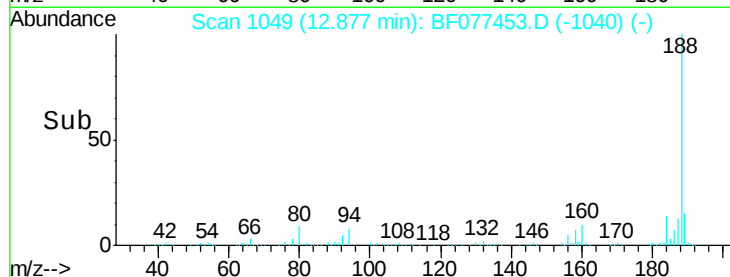
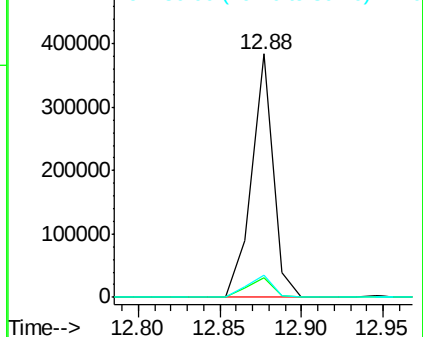
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077453.D
Acq: 26 Feb 2015 2:26

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

Tgt Ion:188 Resp: 353029
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 8.0 12.0

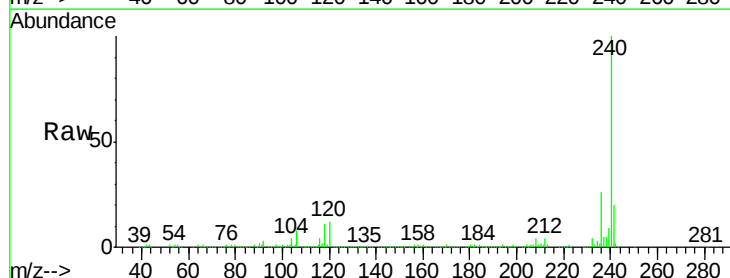


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

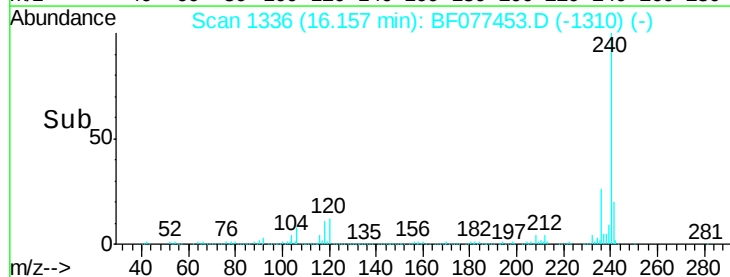
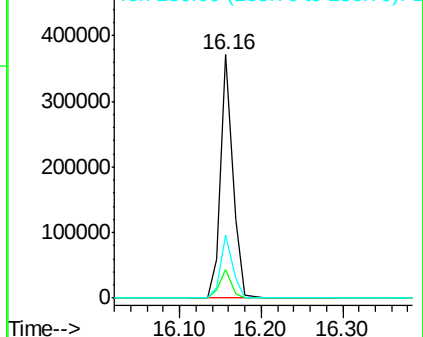


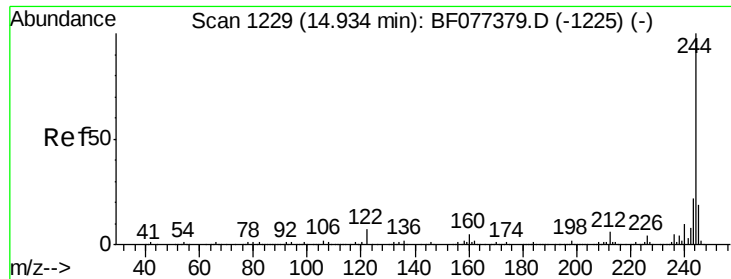
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF077453.D
Acq: 26 Feb 2015 2:26

Tgt Ion:240 Resp: 384380
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.7 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

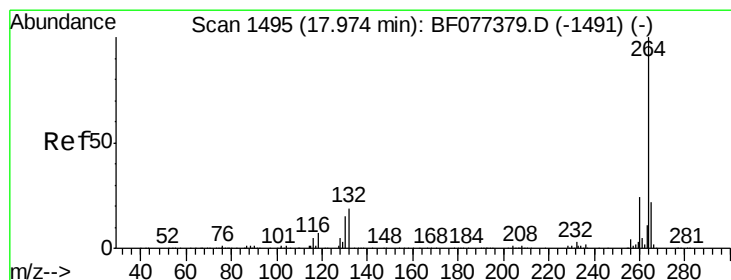
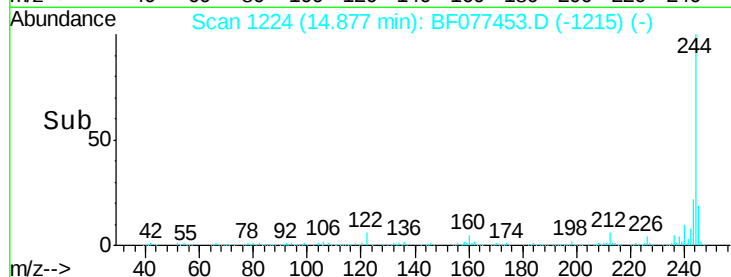
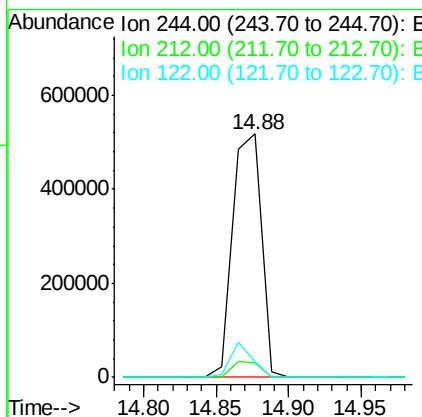
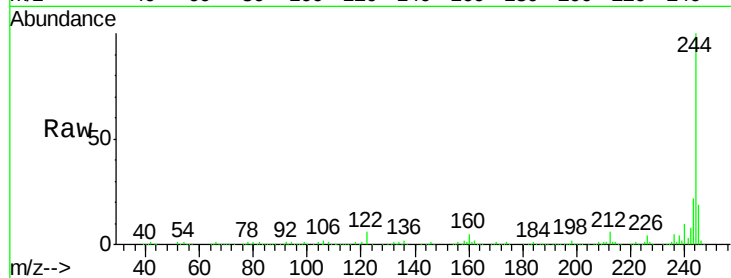




#78
 Terphenyl-d14
 Concen: 43.32 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Instrument :
 BNA_F
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 FK-PS-01-012

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.2	7.8
122	6.3	7.8	11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.87 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	16.8	25.2

