

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077601.D
 Acq On : 5 Mar 2015 3:04
 Operator : TP/IZ
 Sample : G1420-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

Quant Time: Mar 05 04:15:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

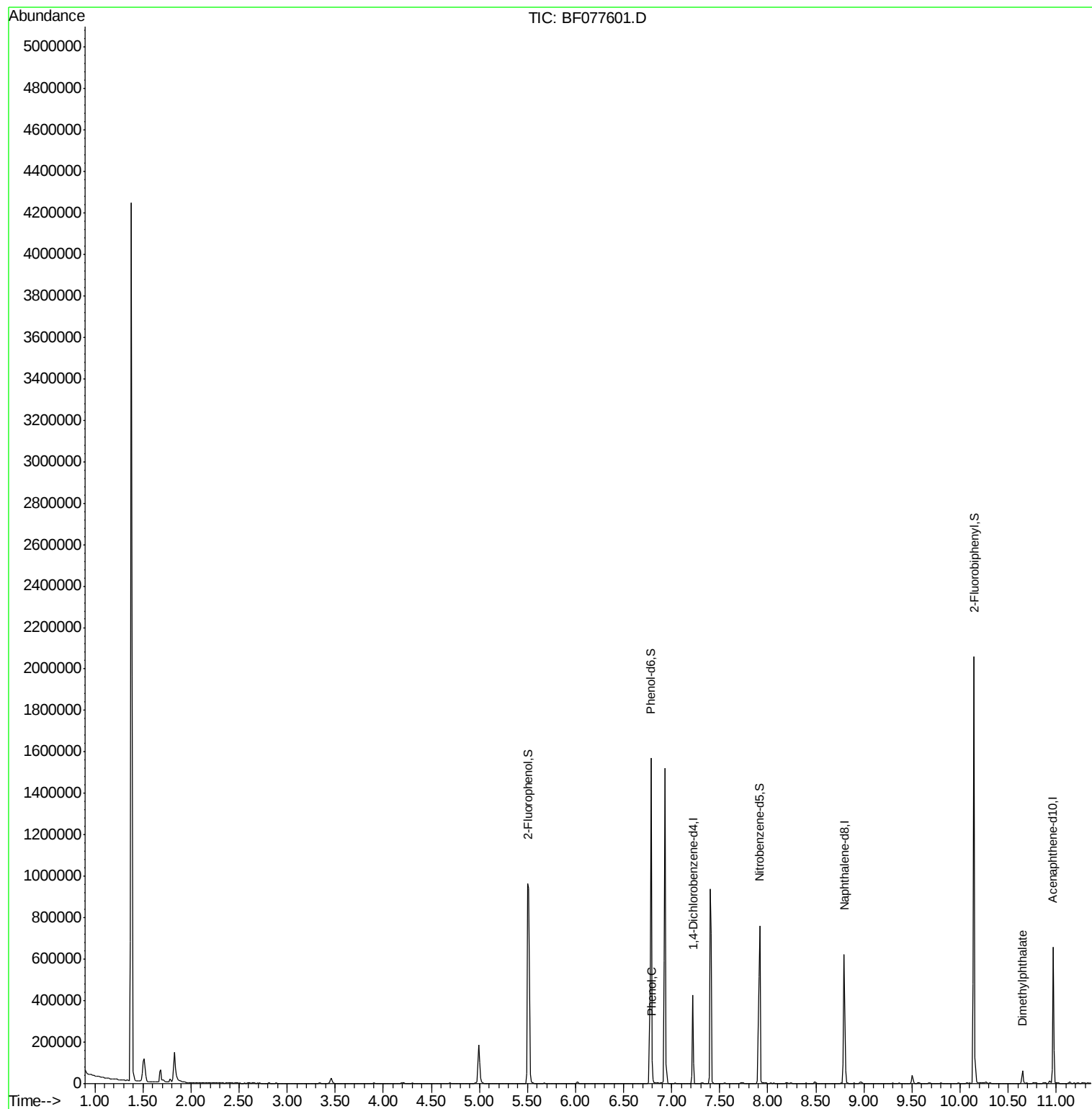
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	64760	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	267274	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	132119	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	262325	20.00	ng	0.00
75) Chrysene-d12	16.09	240	269512	20.00	ng	-0.01
86) Perylene-d12	17.80	264	258615	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	414433	106.84	ng	0.00
7) Phenol-d6	6.78	99	545410	109.35	ng	0.00
23) Nitrobenzene-d5	7.91	82	308976	71.89	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	136715	107.47	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	646484	76.30	ng	0.00
78) Terphenyl-d14	14.81	244	753828	65.39	ng	0.00
Target Compounds						
10) Phenol	6.80	94	14376	2.43	ng	88
49) Dimethylphthalate	10.65	163	24366	2.62	ng	98
62) Azobenzene	11.87	77	20235	2.33	ng	# 1

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

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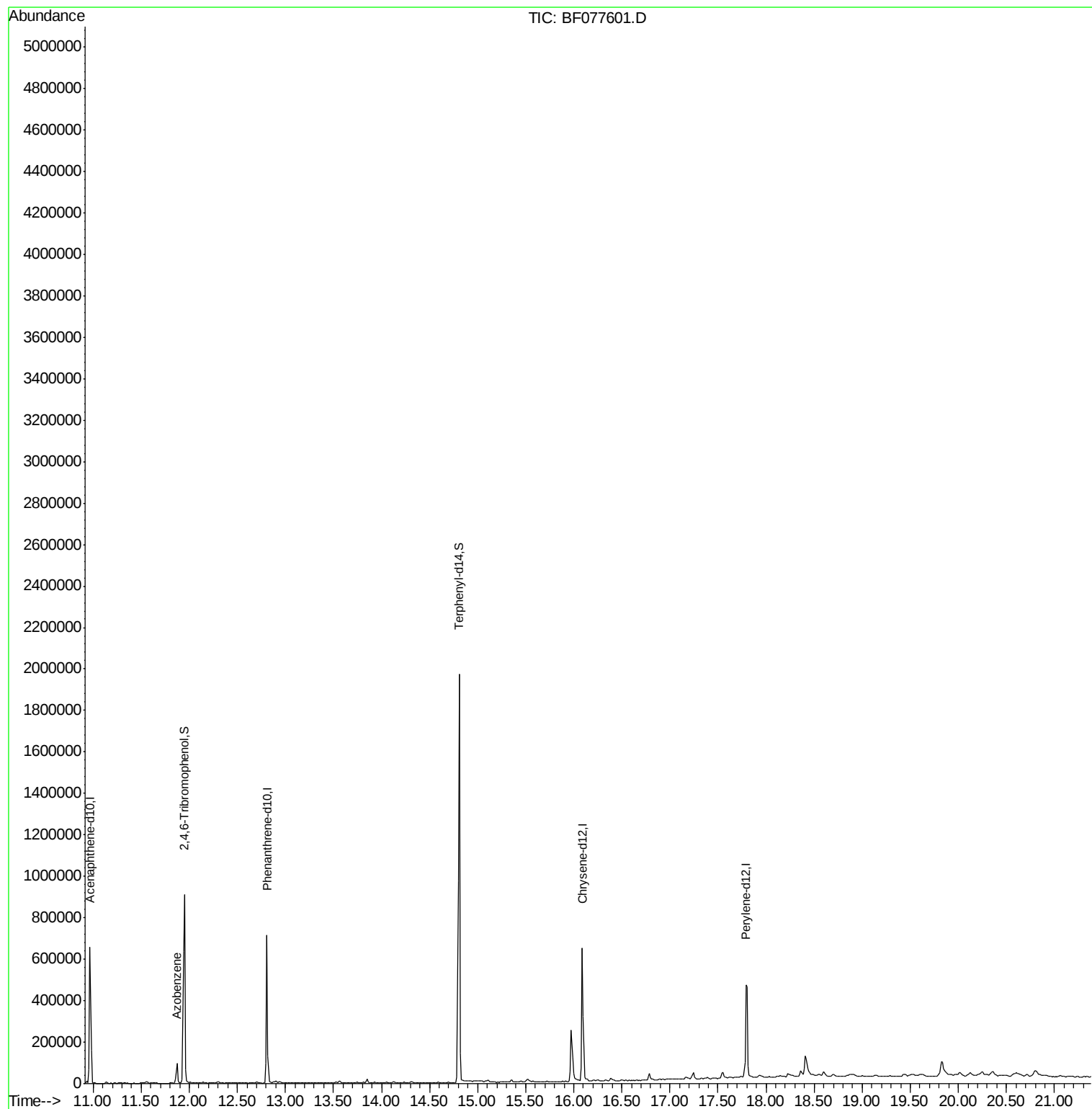
Quant Time: Mar 05 04:15:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Data File : BF077601.D
Acq On : 5 Mar 2015 3:04
Operator : TP/IZ
Sample : G1420-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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FK-PS-01-014

Quant Time: Mar 05 04:15:30 2015
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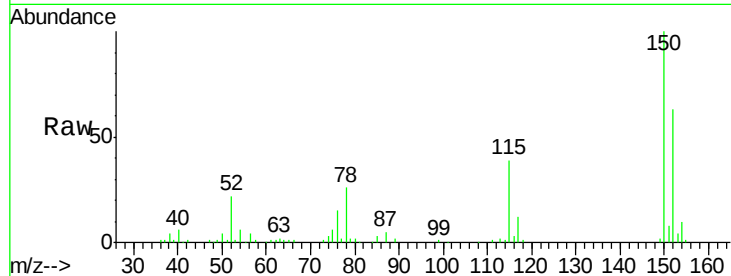


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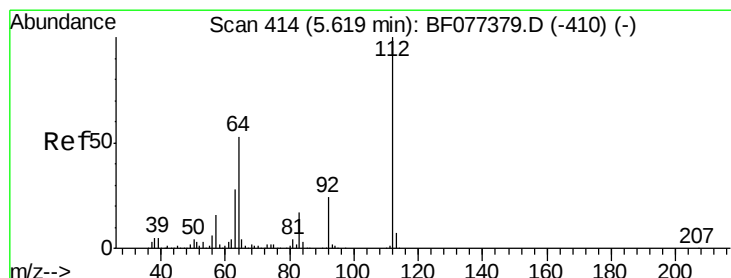
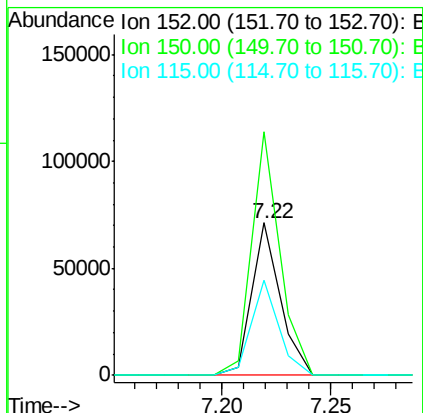
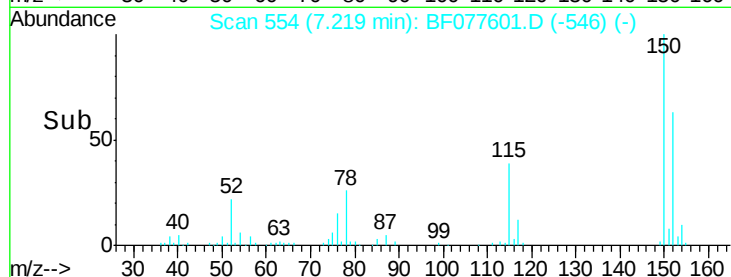
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

Tgt Ion:152 Resp: 64760
Ion Ratio Lower Upper
152 100
150 159.8 124.0 186.0
115 62.1 49.4 74.2



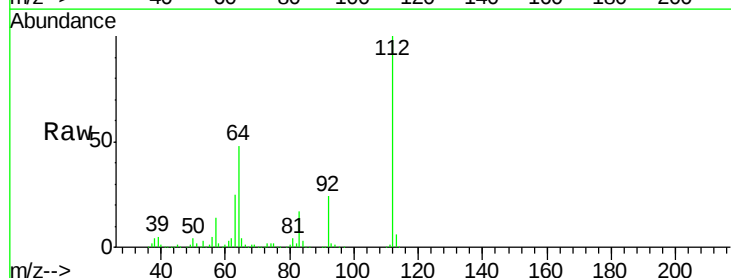
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



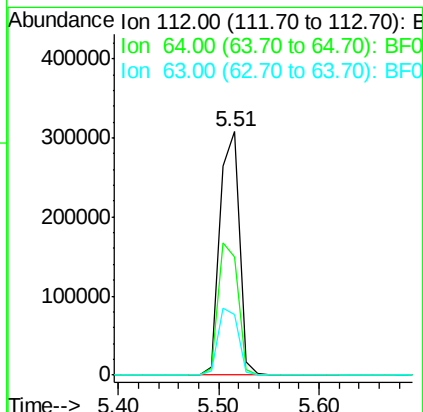
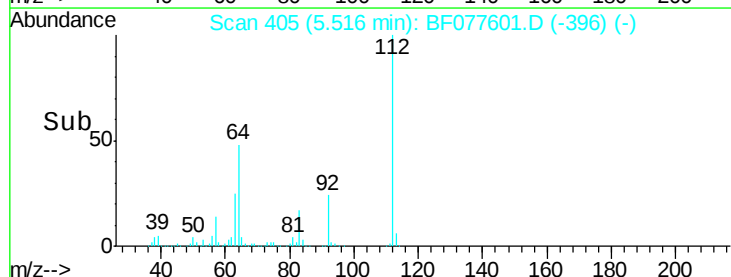
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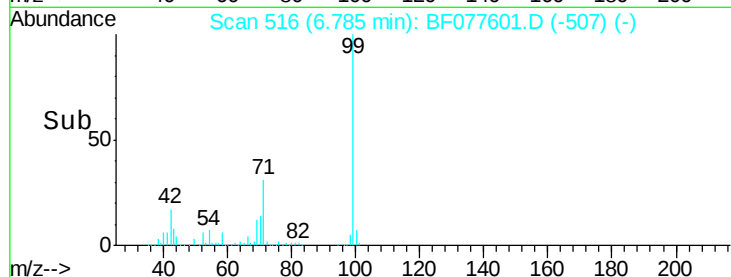
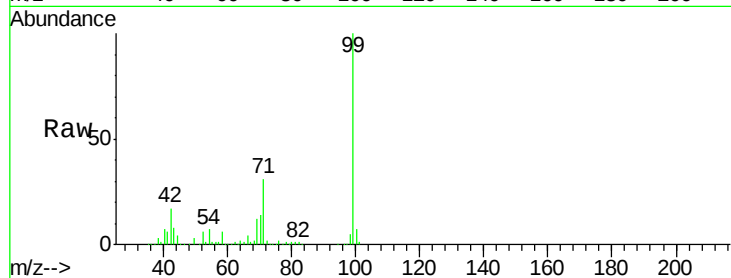
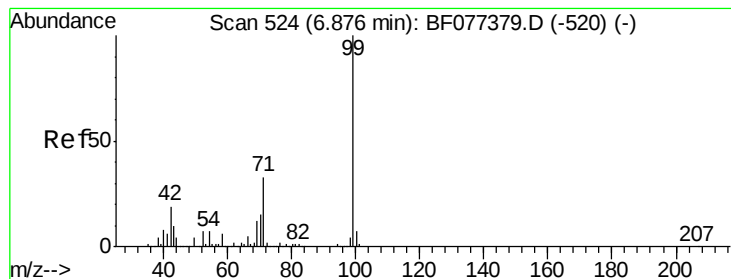
2-Fluorophenol
Concen: 106.84 ng
RT: 5.51 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

Tgt Ion:112 Resp: 414433
Ion Ratio Lower Upper
112 100
64 48.3 48.5 72.7#
63 25.0 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: 109.35 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077601.D

Acq: 5 Mar 2015 3:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

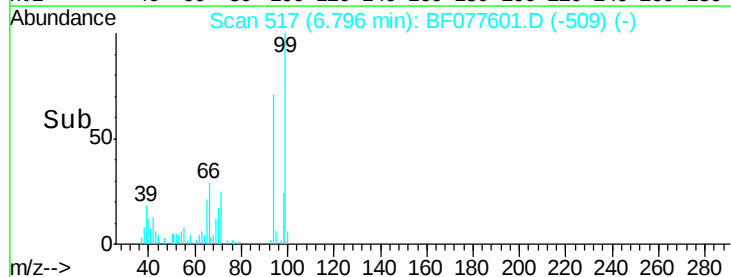
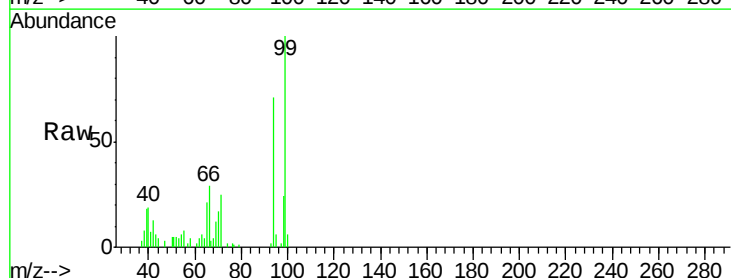
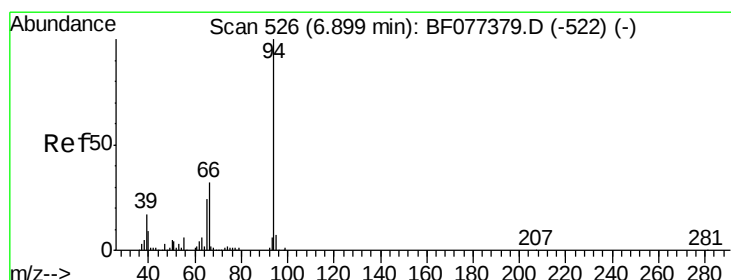
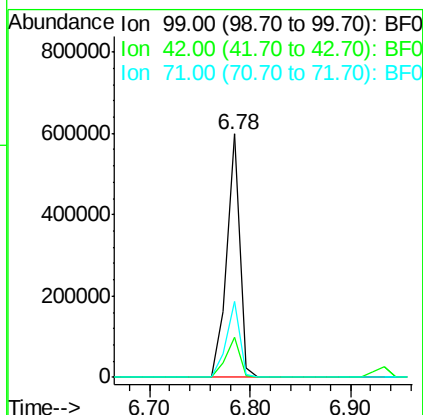
Tgt Ion: 99 Resp: 545410

Ion Ratio Lower Upper

99 100

42 16.7 16.2 24.4

71 31.4 26.7 40.1



#10

Phenol

Concen: 2.43 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF077601.D

Acq: 5 Mar 2015 3:04

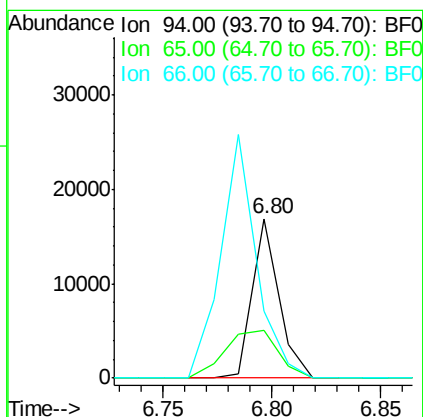
Tgt Ion: 94 Resp: 14376

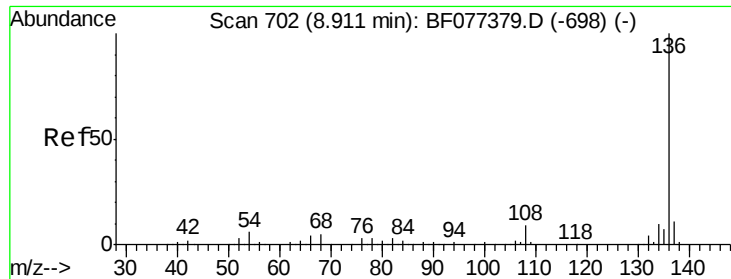
Ion Ratio Lower Upper

94 100

65 30.3 5.7 45.7

66 41.7 13.6 53.6

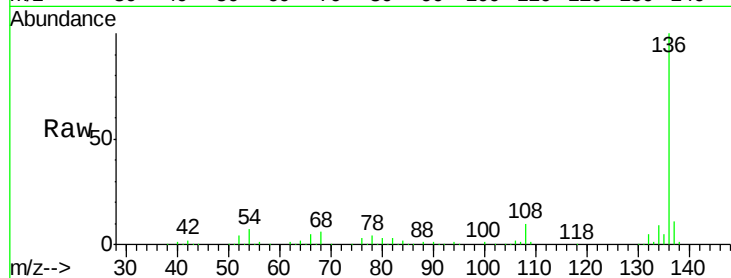




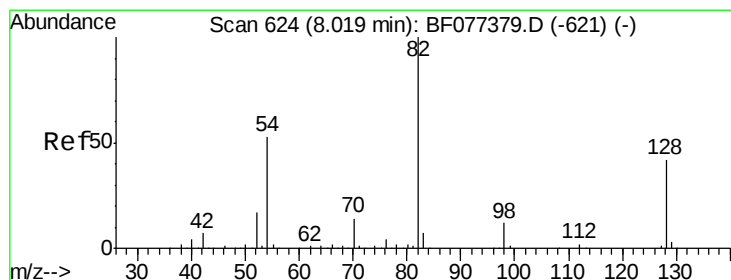
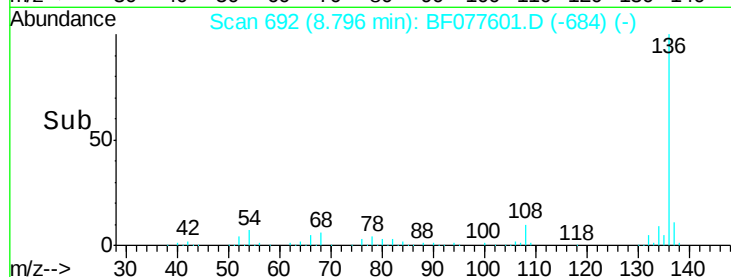
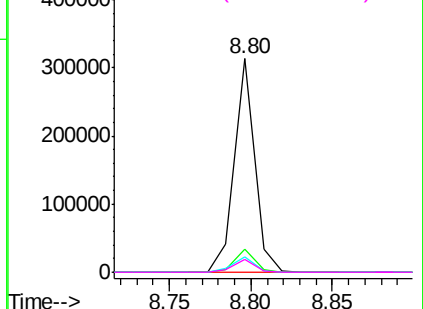
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

Tgt Ion:	136	Resp:	267274
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.2	6.2	9.4
68	5.9	5.0	7.6

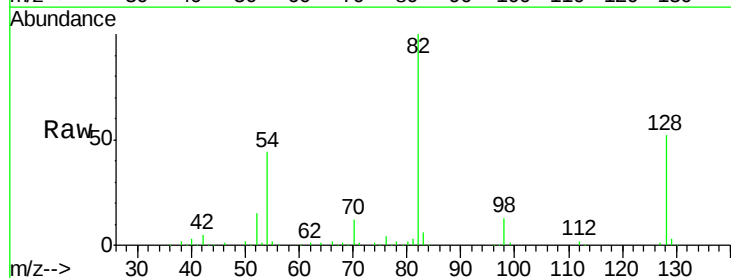


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

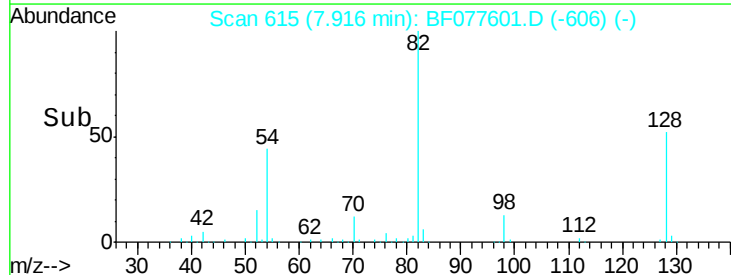
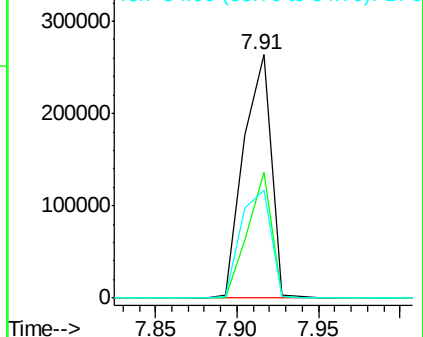


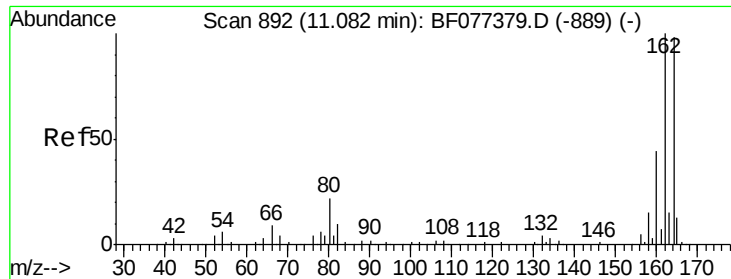
#23
Nitrobenzene-d5
Concen: 71.89 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

Tgt Ion:	82	Resp:	308976
Ion	Ratio	Lower	Upper
82	100		
128	51.9	43.8	65.8
54	44.1	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

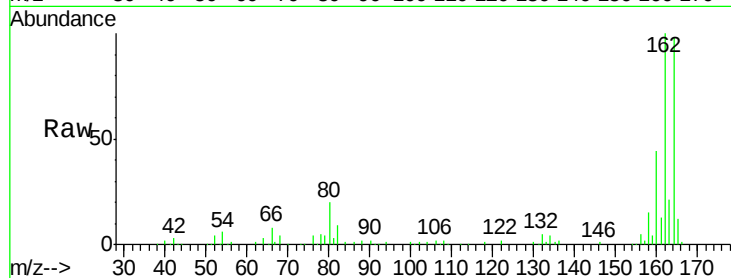




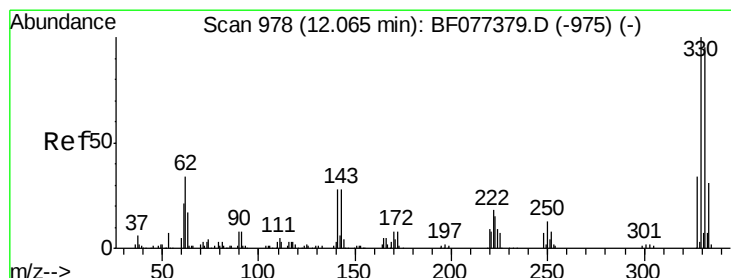
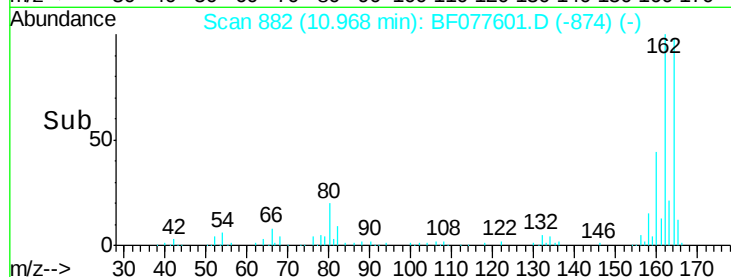
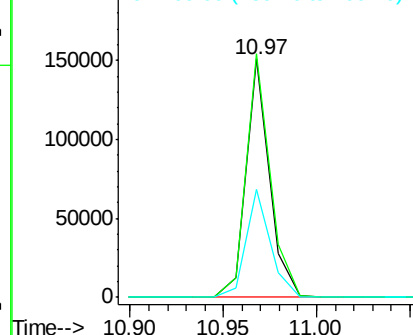
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF077601.D
 Acq: 5 Mar 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

Tgt Ion:164 Resp: 132119
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.2 124.8
 160 45.2 34.6 52.0

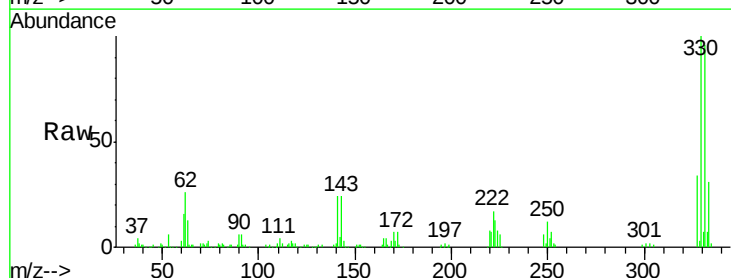


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

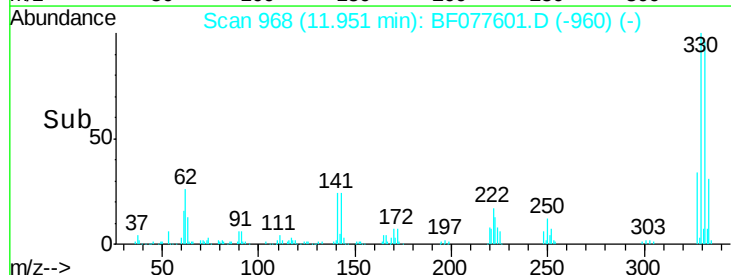
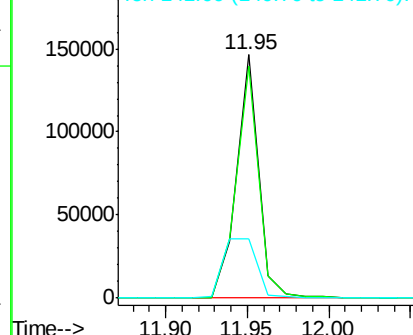


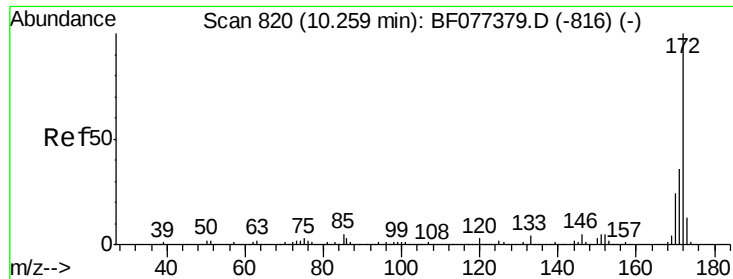
#41
 2,4,6-Tribromophenol
 Concen: 107.47 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077601.D
 Acq: 5 Mar 2015 3:04

Tgt Ion:330 Resp: 136715
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.8 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

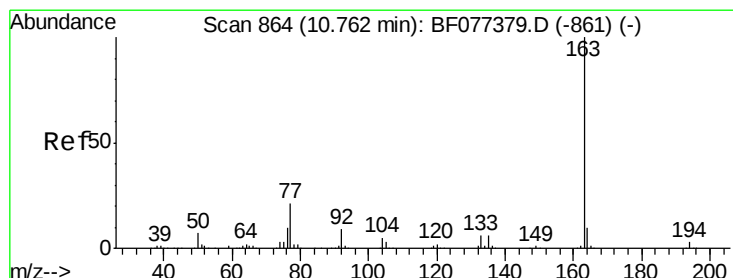
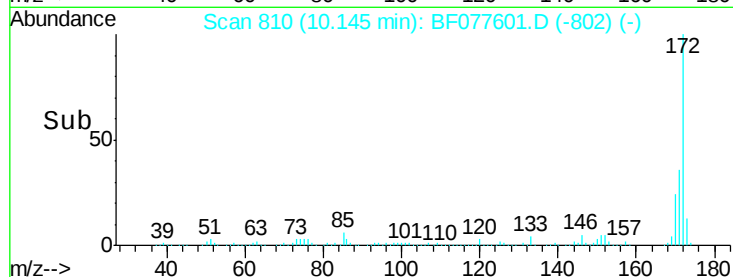
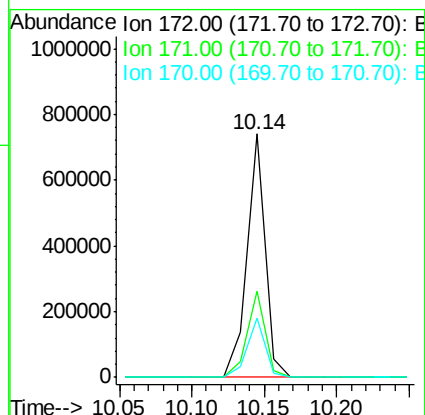
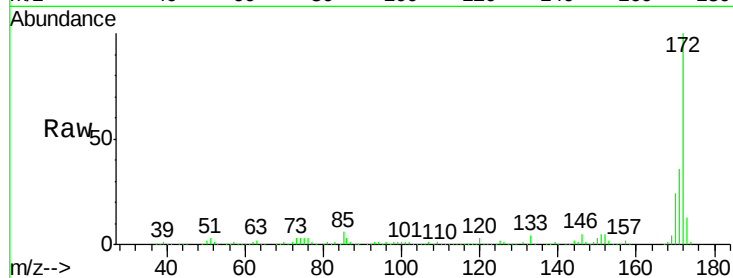




#44
2-Fluorobiphenyl
Concen: 76.30 ng
RT: 10.14 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

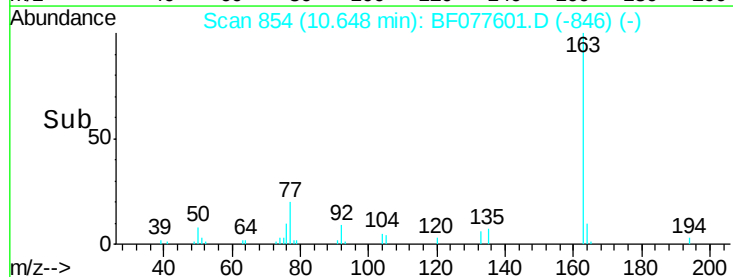
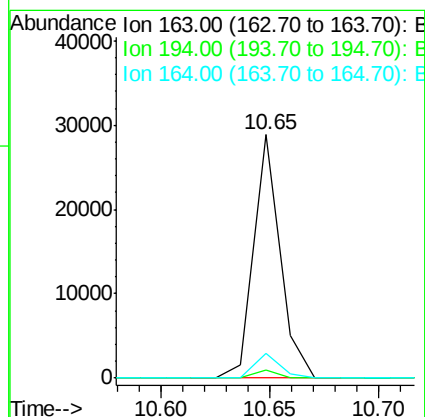
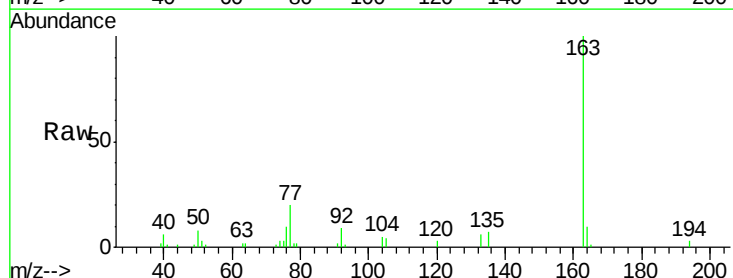
Instrument :
BNA_F
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FK-PS-01-014

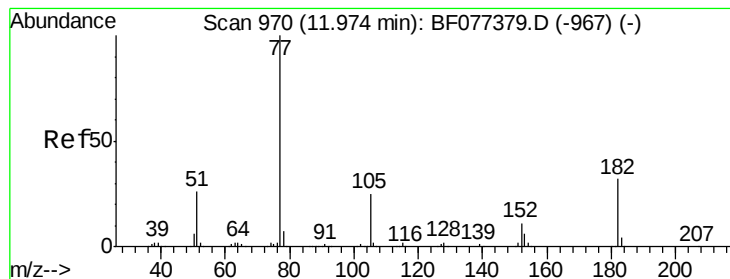
Tgt Ion:172 Resp: 646484
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.1 19.4 29.2



#49
Dimethylphthalate
Concen: 2.62 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

Tgt Ion:163 Resp: 24366
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.6 13.0





#62

Azobenzene

Concen: 2.33 ng

RT: 11.87 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF077601.D

Acq: 5 Mar 2015 3:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

Tgt Ion: 77 Resp: 20235

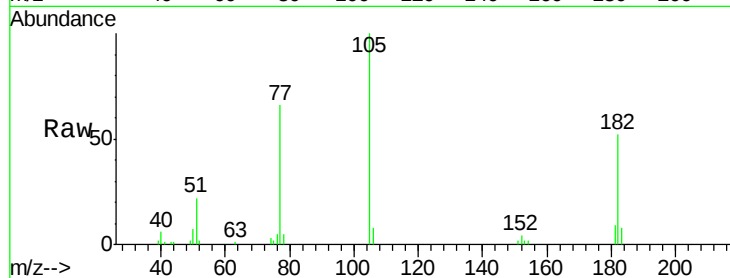
Ion Ratio Lower Upper

77 100

182 78.5 4.9 44.9#

105 150.9 3.3 43.3#

51 33.2 8.9 48.9



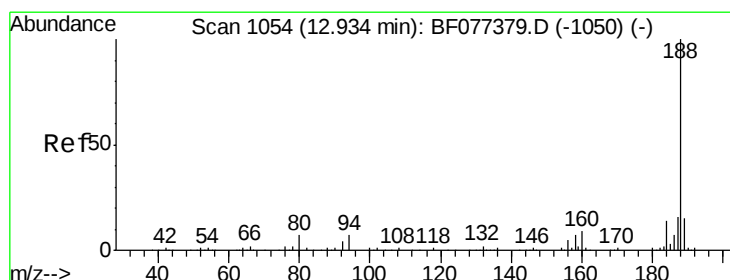
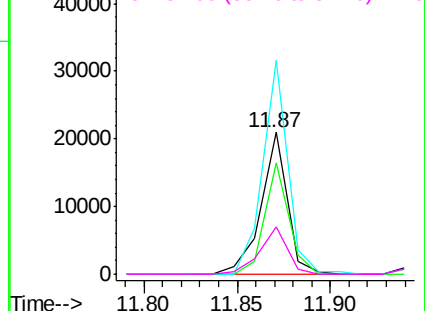
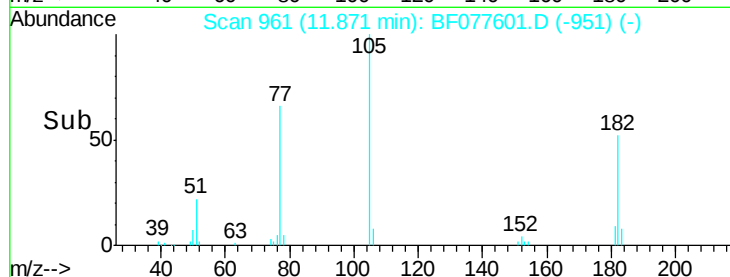
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF077601.D

Acq: 5 Mar 2015 3:04

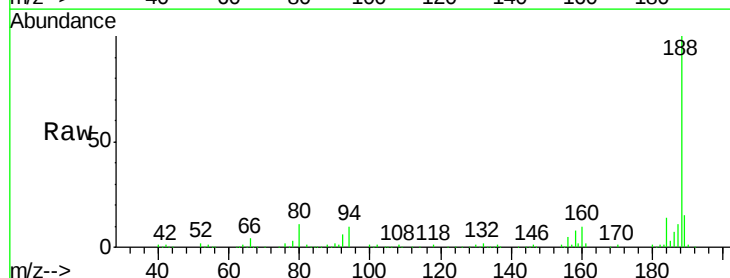
Tgt Ion: 188 Resp: 262325

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 10.9 8.0 12.0

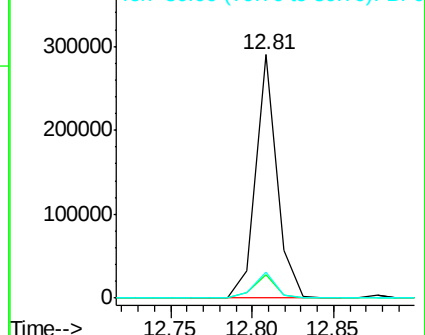
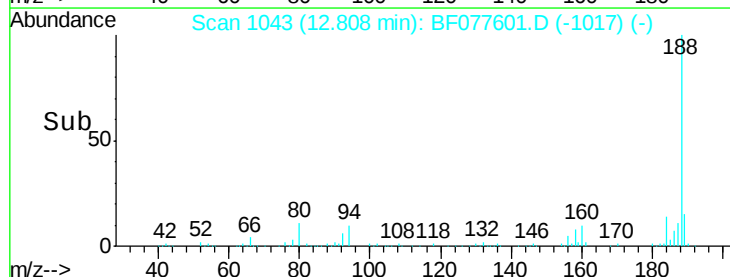


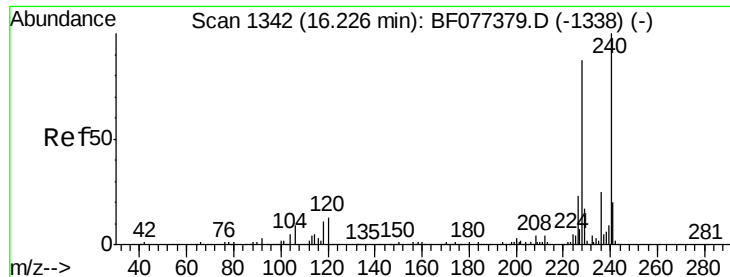
Abundance

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: 16.09 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF077601.D

Acq: 5 Mar 2015 3:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

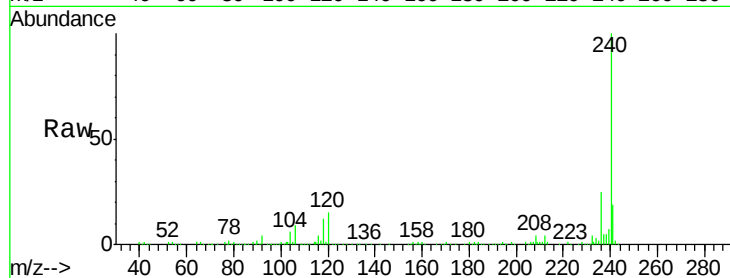
Tgt Ion:240 Resp: 269512

Ion Ratio Lower Upper

240 100

120 14.5 8.8 13.2#

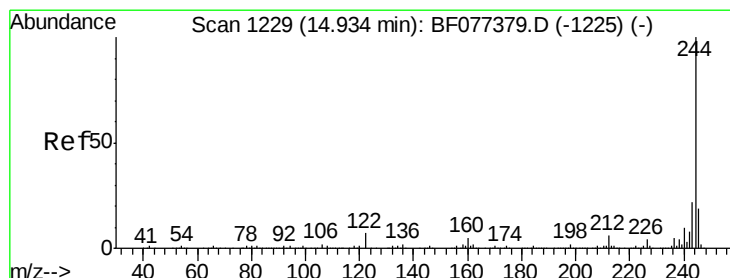
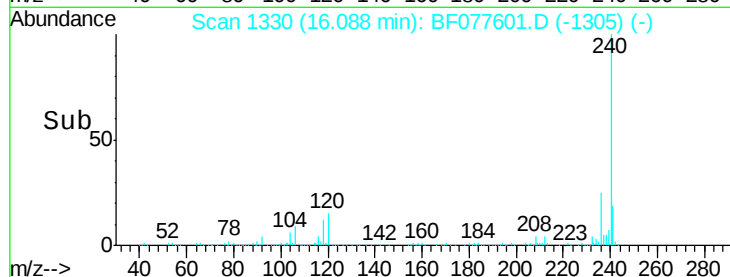
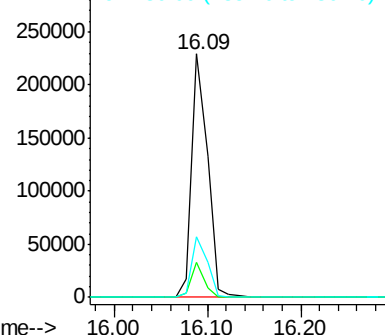
236 24.9 20.7 31.1



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: 65.39 ng

RT: 14.81 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF077601.D

Acq: 5 Mar 2015 3:04

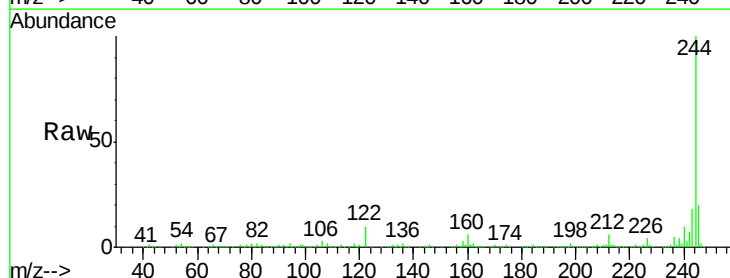
Tgt Ion:244 Resp: 753828

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

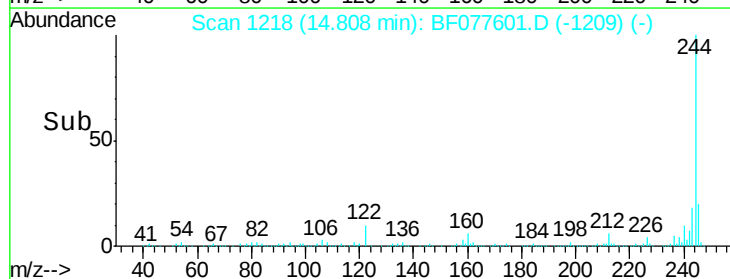
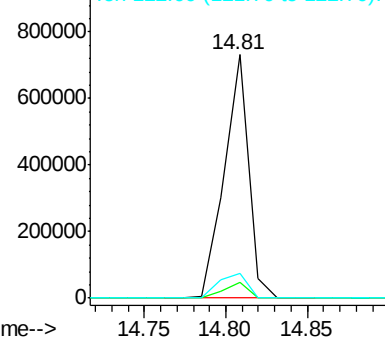
122 10.1 7.8 11.8

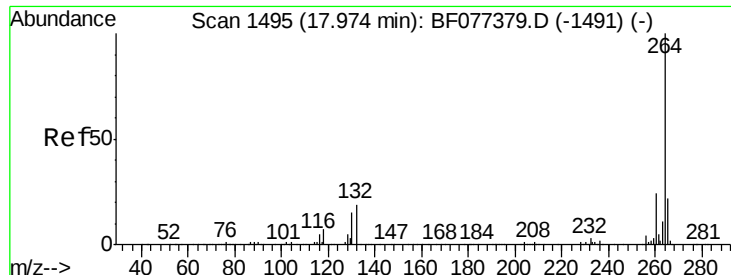


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

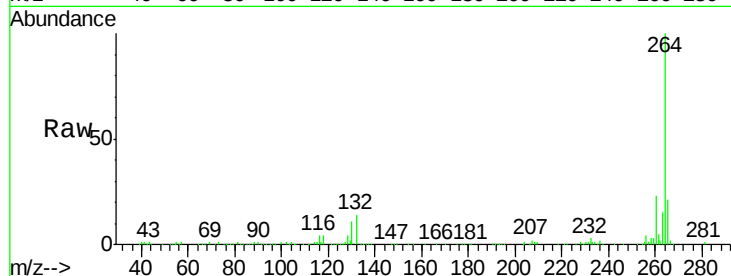




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.05 min
Lab File: BF077601.D
Acq: 5 Mar 2015 3:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	20.9	16.8	25.2



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

