

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077598.D
 Acq On : 5 Mar 2015 1:38
 Operator : TP/IZ
 Sample : G1416-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013

Quant Time: Mar 05 04:58:01 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

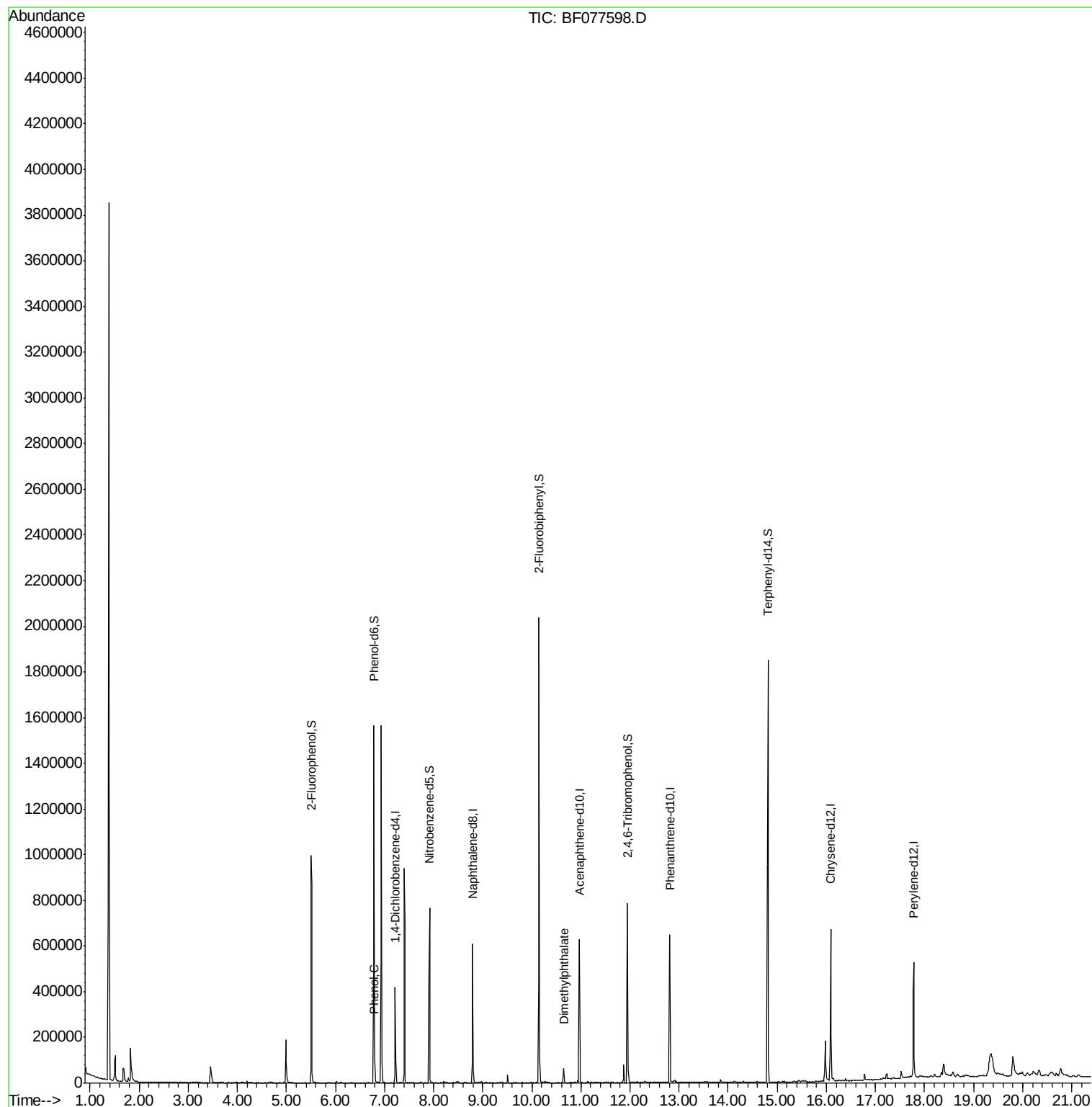
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	62930	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	261569	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	126475	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	246939	20.00	ng	0.00
75) Chrysene-d12	16.09	240	259104	20.00	ng	-0.02
86) Perylene-d12	17.78	264	260378	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	408085	108.26	ng	0.00
7) Phenol-d6	6.78	99	552697	114.04	ng	0.00
23) Nitrobenzene-d5	7.91	82	304857	72.48	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	131083	107.64	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	630348	77.71	ng	0.00
78) Terphenyl-d14	14.81	244	711516	64.20	ng	0.00
Target Compounds						
10) Phenol	6.80	94	15024	2.61	ng	92
49) Dimethylphthalate	10.65	163	25659	2.89	ng	98

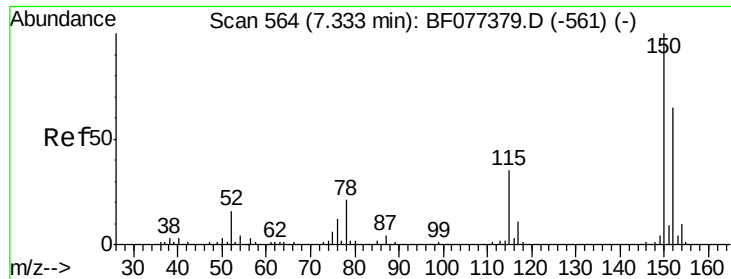
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077598.D

Acq: 5 Mar 2015 1:38

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FK-PS-01-013

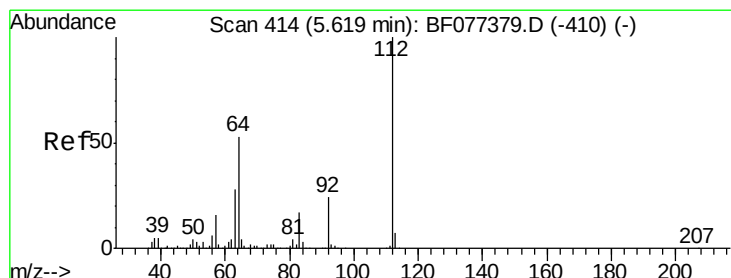
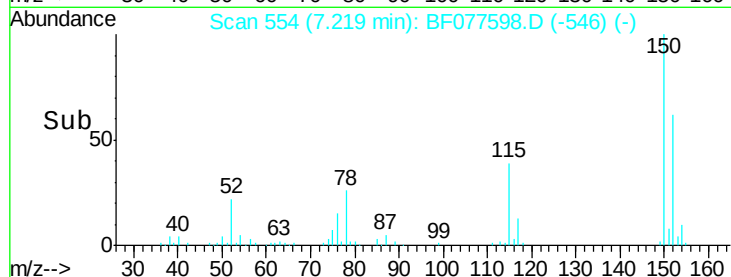
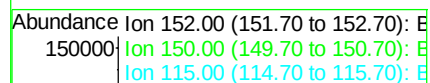
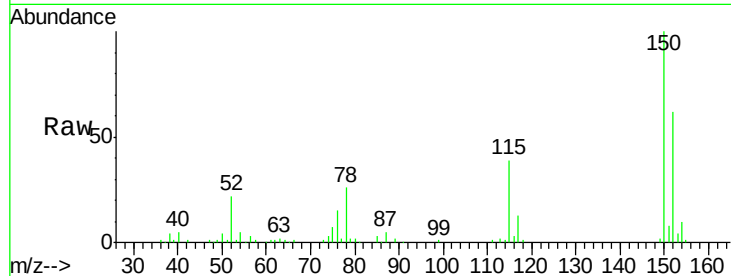
Tgt Ion:152 Resp: 62930

Ion Ratio Lower Upper

152 100

150 160.4 124.0 186.0

115 62.8 49.4 74.2



#5

2-Fluorophenol

Concen: 108.26 ng

RT: 5.51 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF077598.D

Acq: 5 Mar 2015 1:38

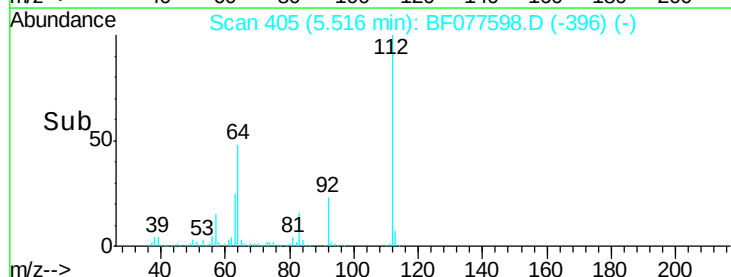
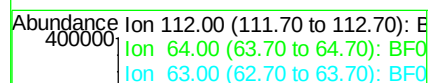
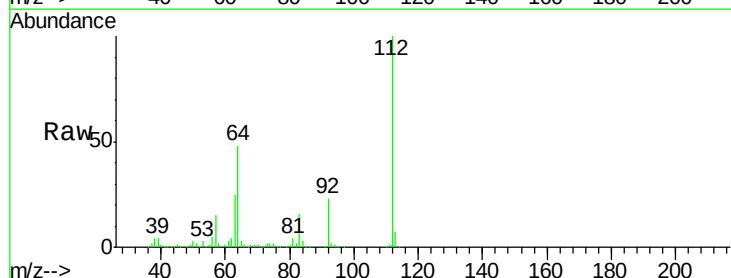
Tgt Ion:112 Resp: 408085

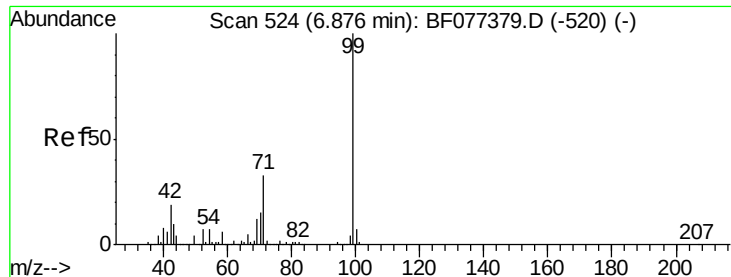
Ion Ratio Lower Upper

112 100

64 48.2 48.5 72.7#

63 24.5 25.0 37.4#





#7

Phenol-d6

Concen: 114.04 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077598.D

Acq: 5 Mar 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-013

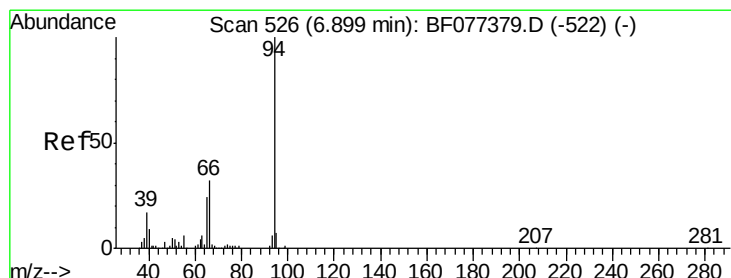
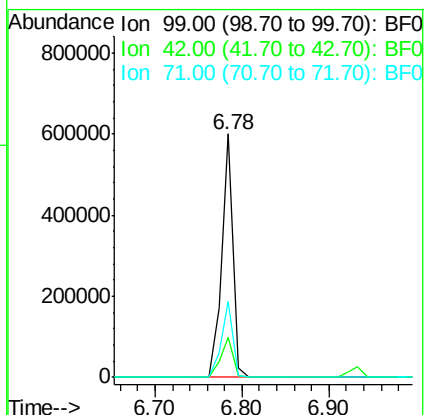
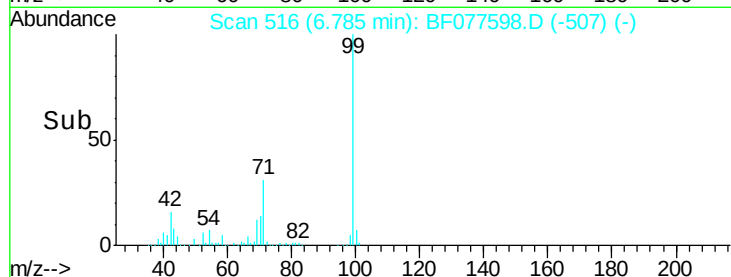
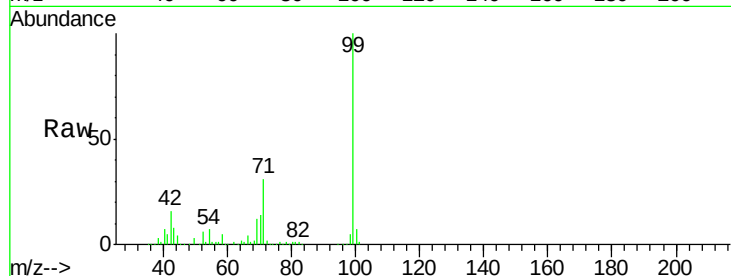
Tgt Ion: 99 Resp: 552697

Ion Ratio Lower Upper

99 100

42 16.3 16.2 24.4

71 31.1 26.7 40.1



#10

Phenol

Concen: 2.61 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF077598.D

Acq: 5 Mar 2015 1:38

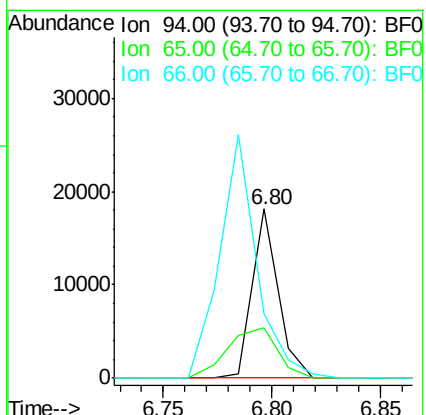
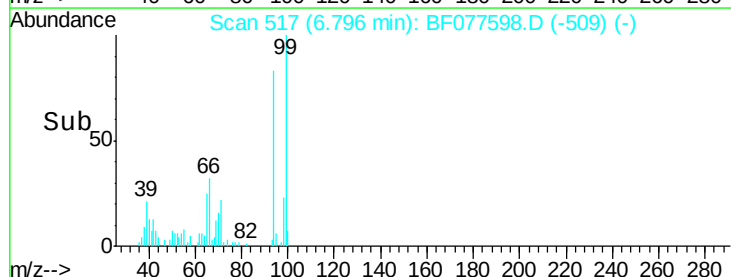
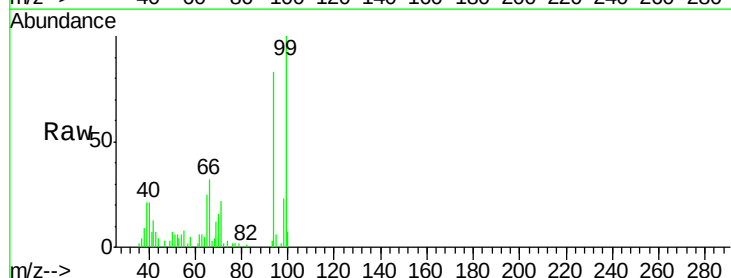
Tgt Ion: 94 Resp: 15024

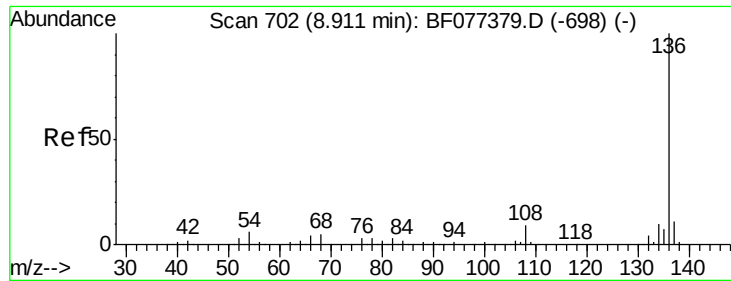
Ion Ratio Lower Upper

94 100

65 29.5 5.7 45.7

66 38.3 13.6 53.6

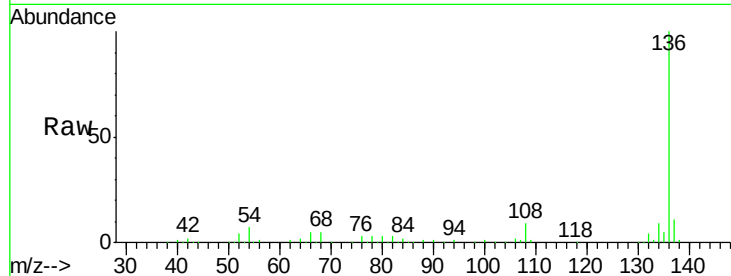




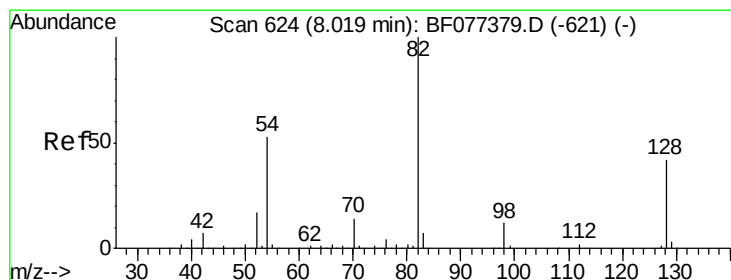
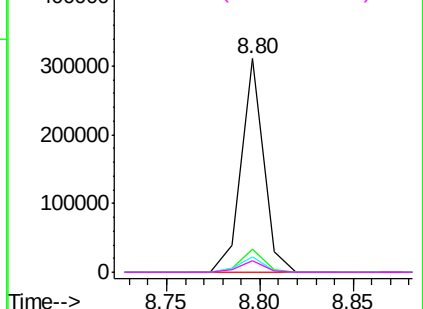
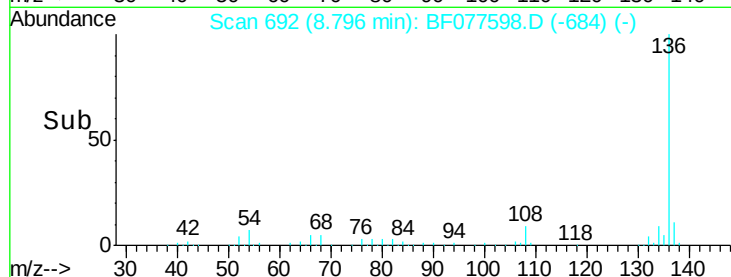
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tgt Ion:	136	Resp:	261569
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.2	6.2	9.4
68	5.5	5.0	7.6

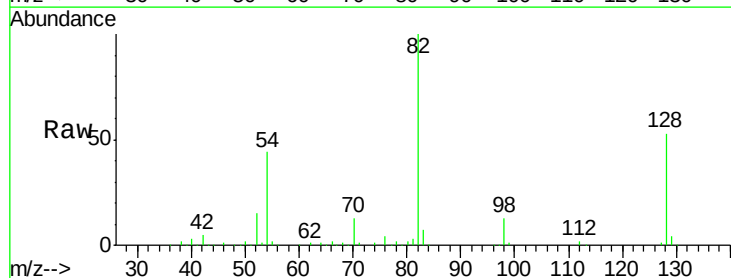


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

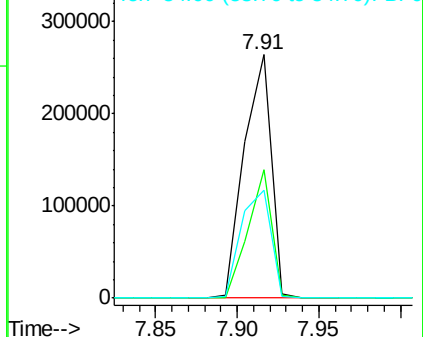
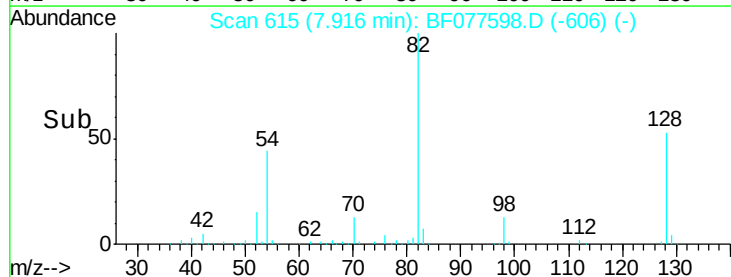


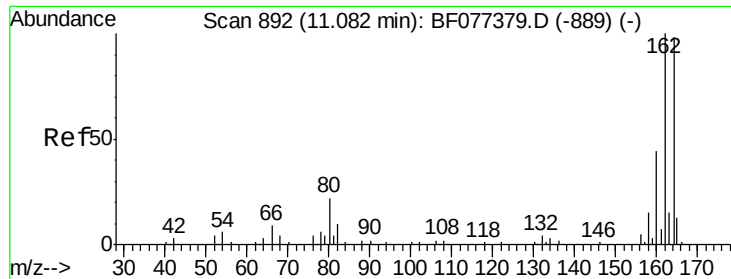
#23
Nitrobenzene-d5
Concen: 72.48 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

Tgt Ion:	82	Resp:	304857
Ion	Ratio	Lower	Upper
82	100		
128	52.8	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

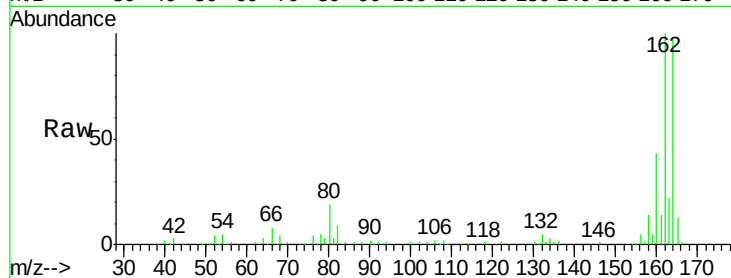




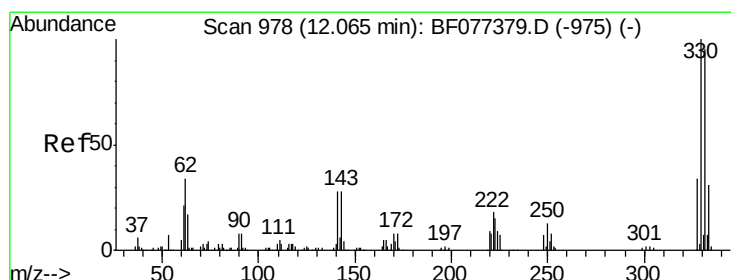
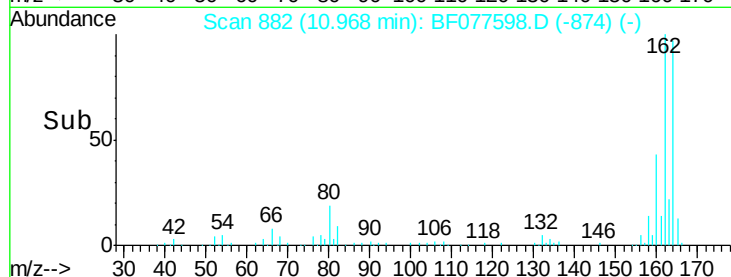
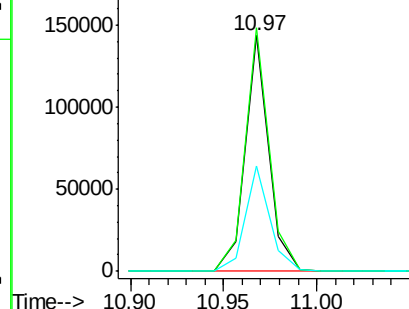
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013

Tgt Ion:164 Resp: 126475
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 44.8 34.6 52.0

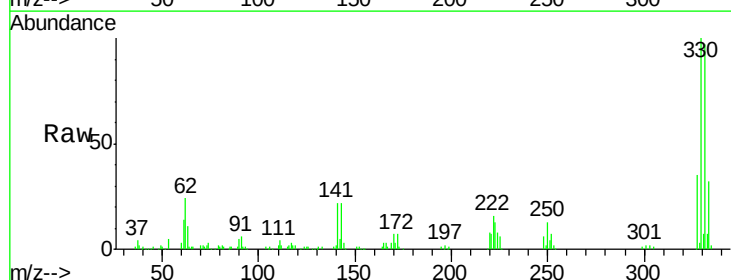


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

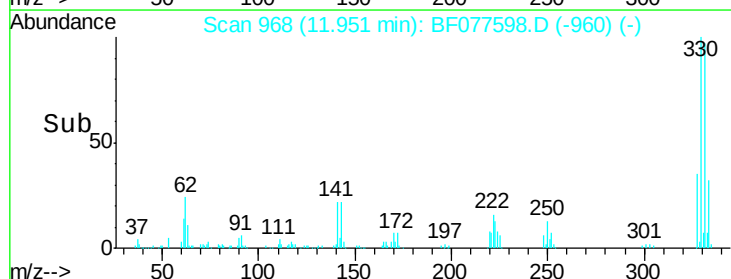
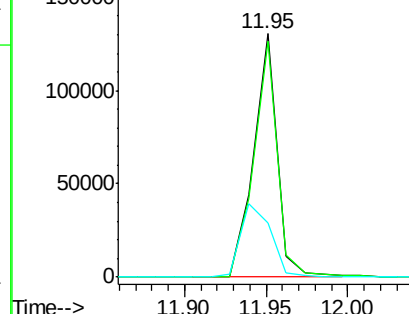


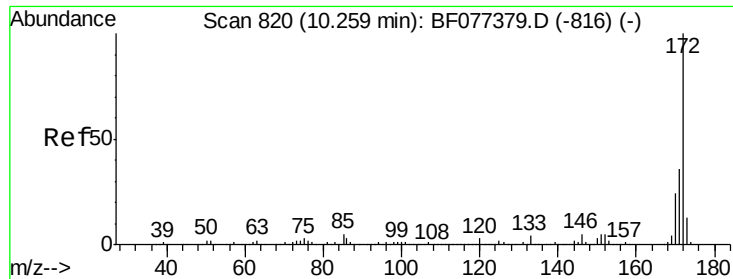
#41
2,4,6-Tribromophenol
Concen: 107.64 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

Tgt Ion:330 Resp: 131083
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 38.4 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

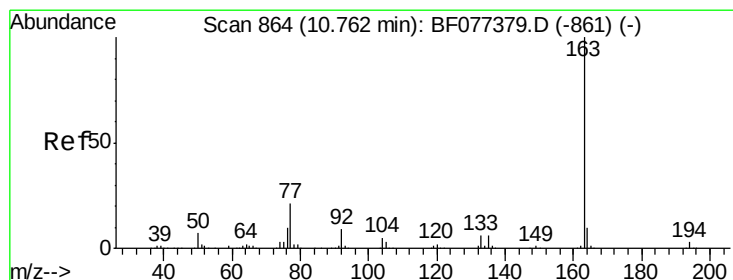
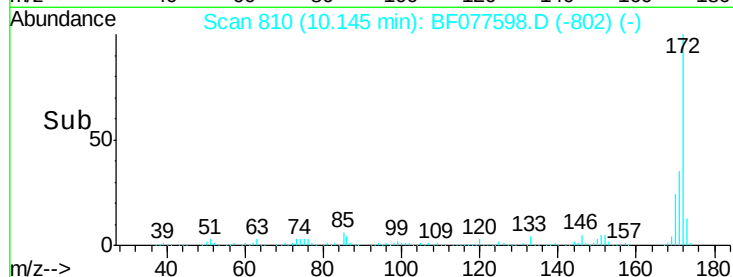
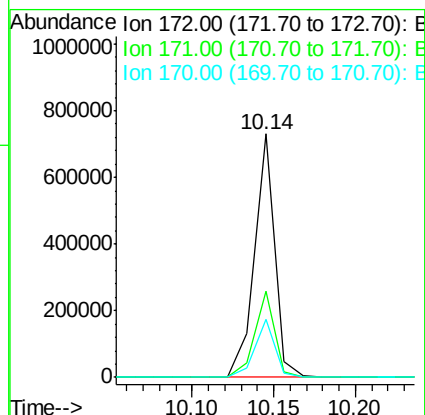
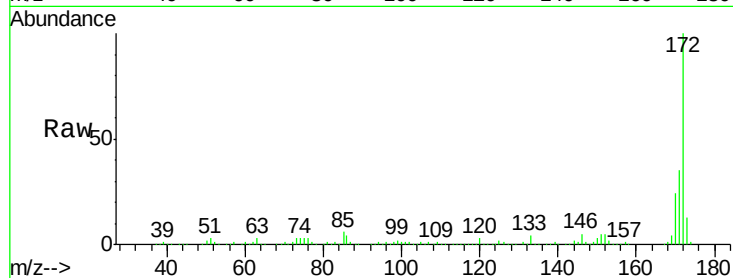




#44
2-Fluorobiphenyl
Concen: 77.71 ng
RT: 10.14 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

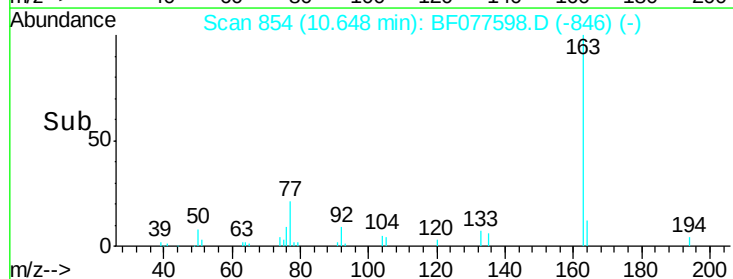
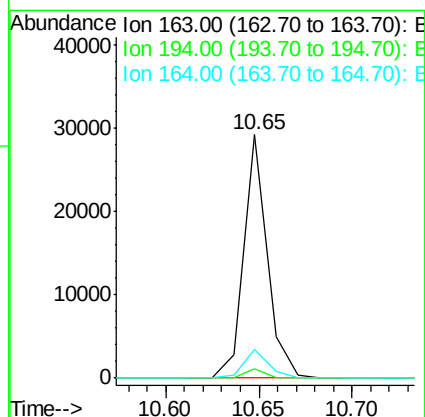
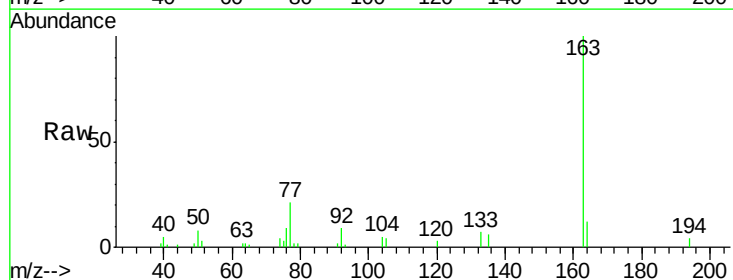
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FK-PS-01-013

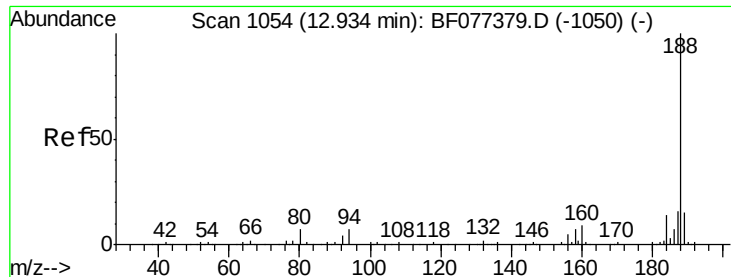
Tgt Ion:172 Resp: 630348
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.7 19.4 29.2



#49
Dimethylphthalate
Concen: 2.89 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

Tgt Ion:163 Resp: 25659
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 11.7 8.6 13.0

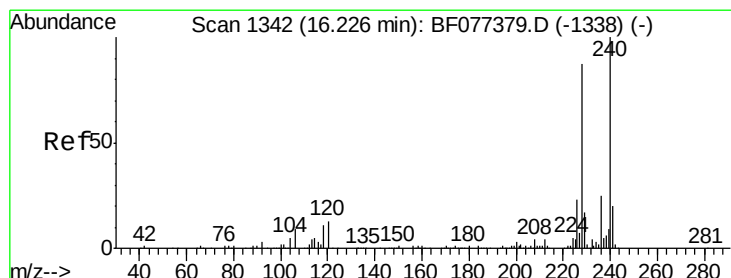
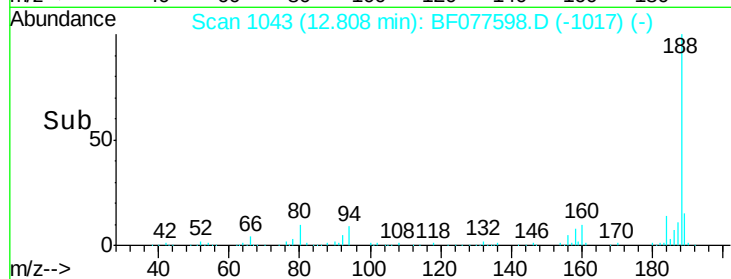
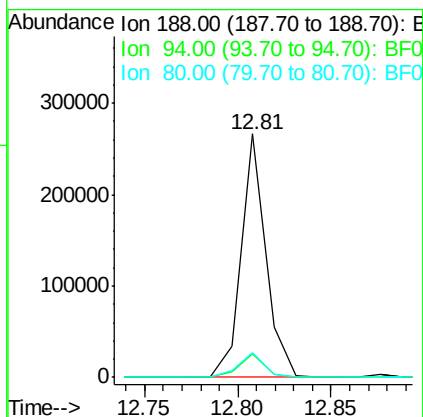
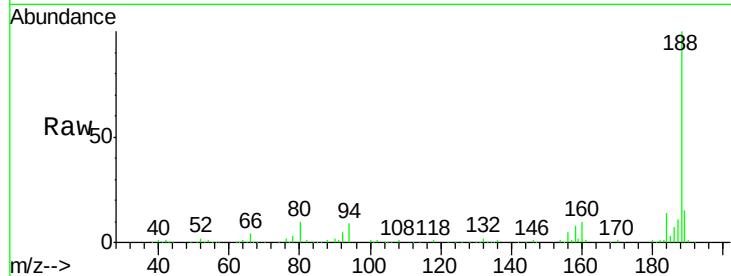




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

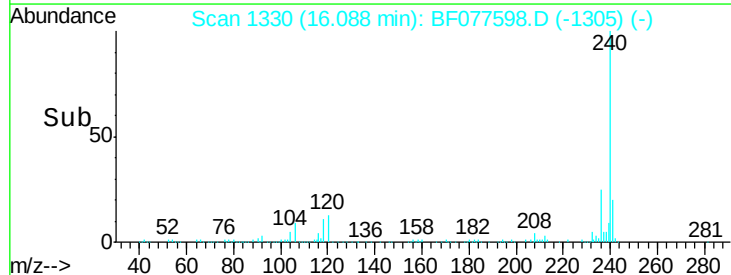
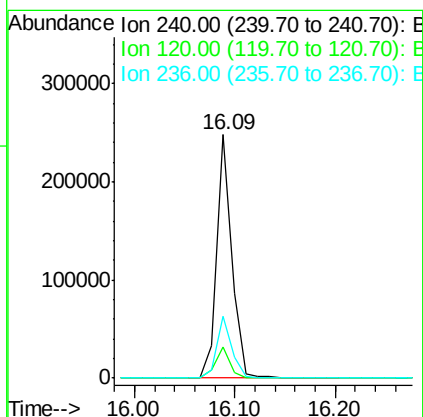
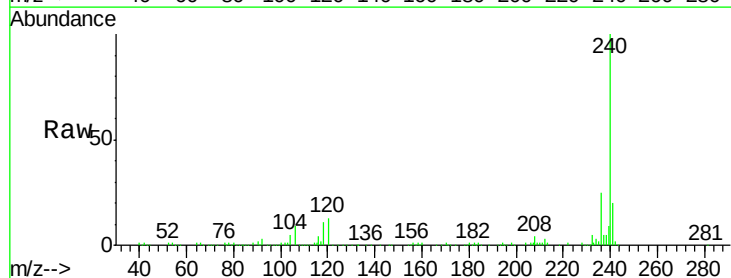
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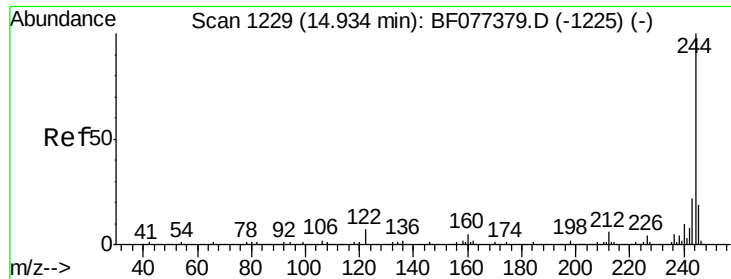
Tgt Ion:188 Resp: 246939
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF077598.D
Acq: 5 Mar 2015 1:38

Tgt Ion:240 Resp: 259104
Ion Ratio Lower Upper
240 100
120 12.7 8.8 13.2
236 25.4 20.7 31.1

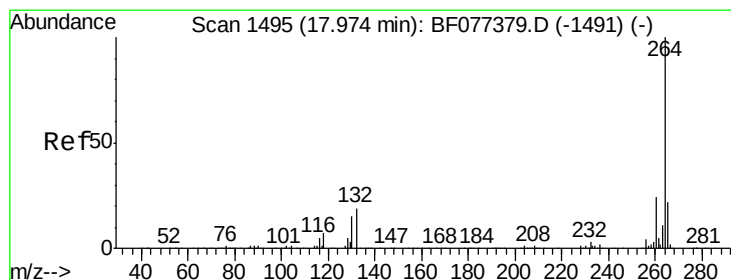
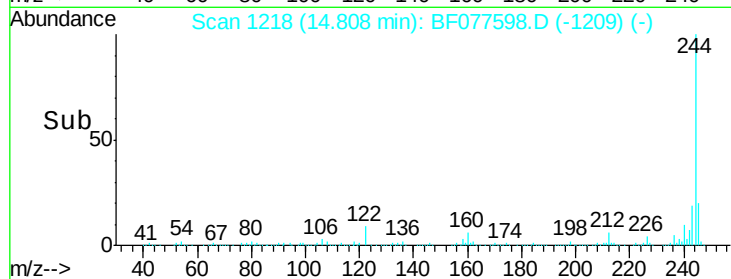
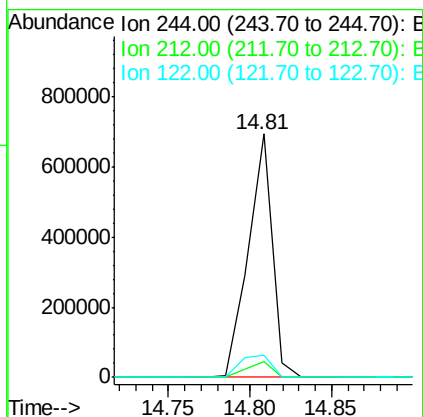
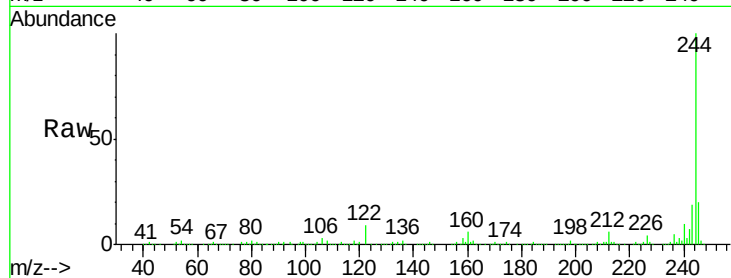




#78
 Terphenyl-d14
 Concen: 64.20 ng
 RT: 14.81 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF077598.D
 Acq: 5 Mar 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	9.3	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. -0.07 min
 Lab File: BF077598.D
 Acq: 5 Mar 2015 1:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.3	16.8	25.2

