

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

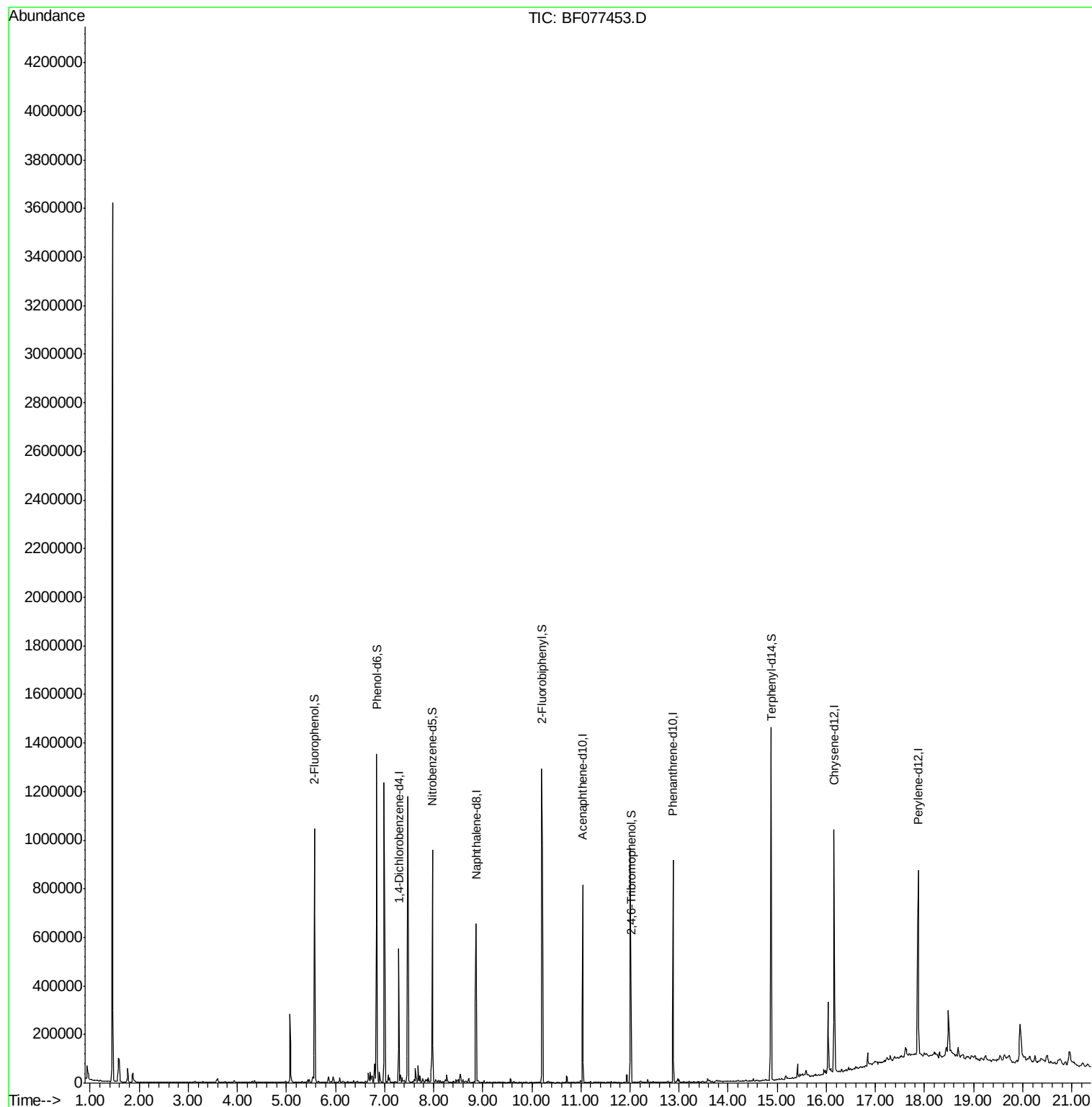
Target Compounds	Qvalue
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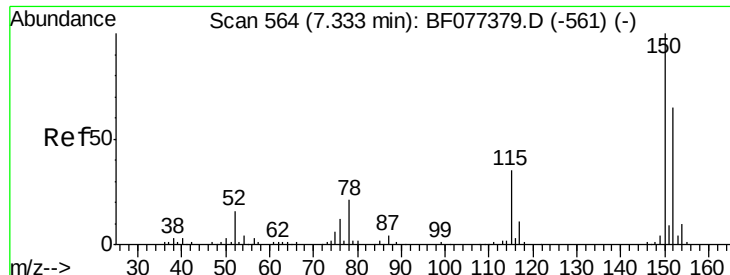
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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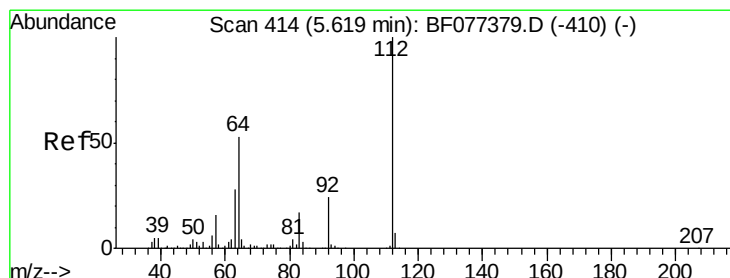
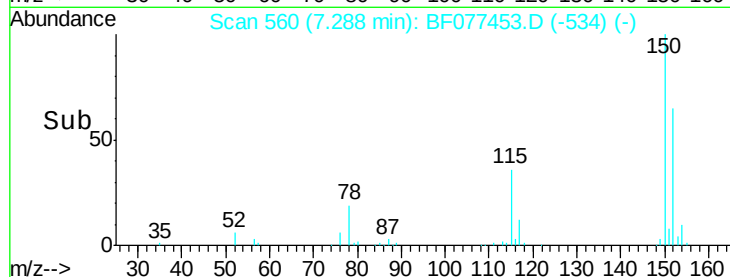
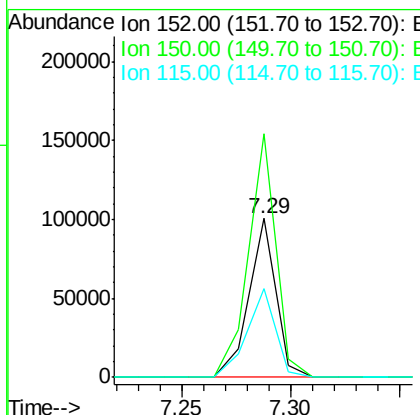
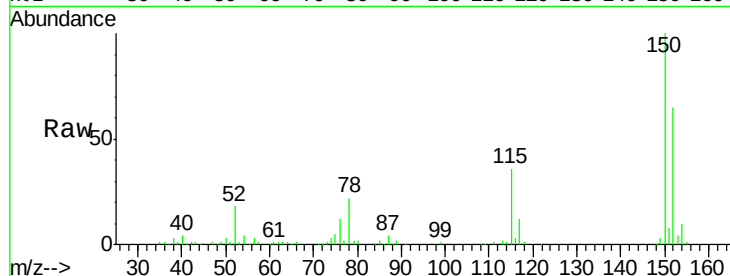


#1

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

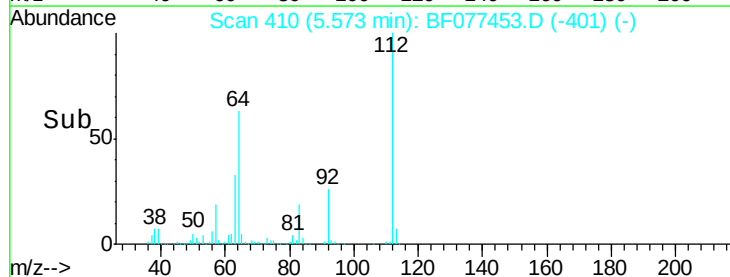
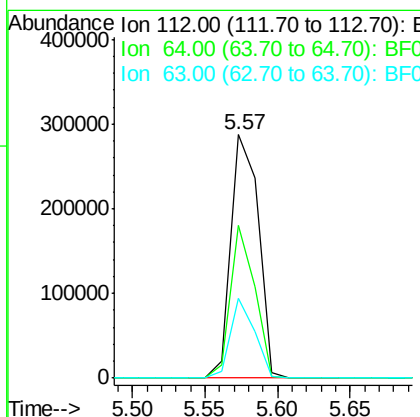
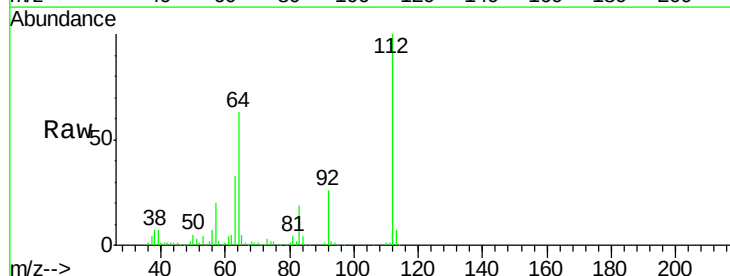
Tgt Ion:152 Resp: 86362
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.0 186.0
 115 55.8 49.4 74.2

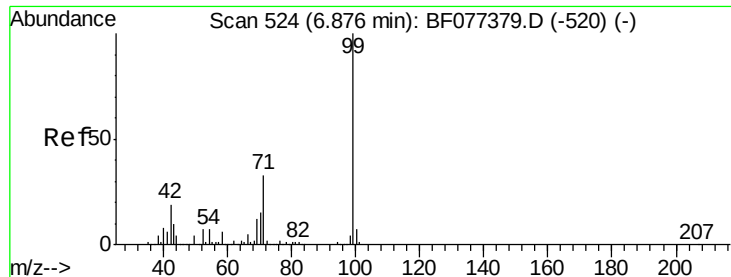


#5

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





#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

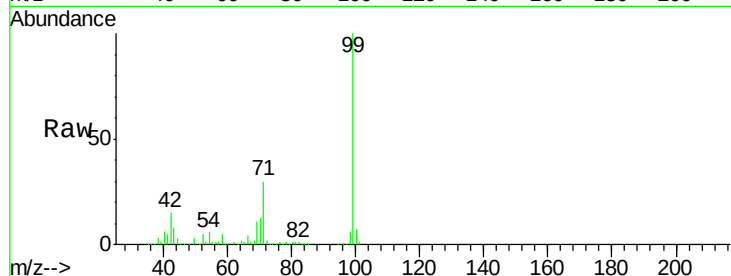
Tgt Ion: 99 Resp: 524057

Ion Ratio Lower Upper

99 100

42 15.2 16.2 24.4#

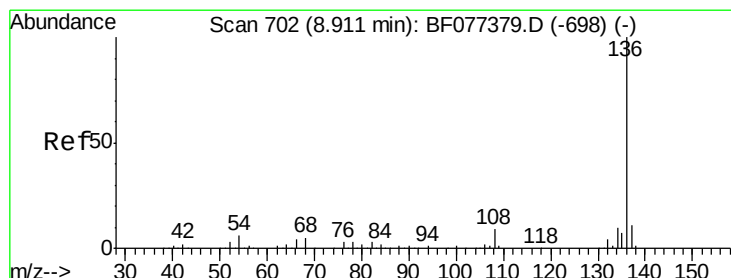
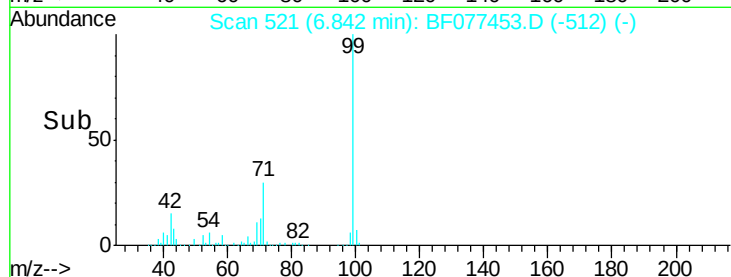
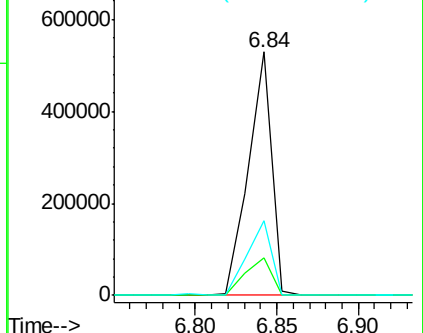
71 30.5 26.7 40.1



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

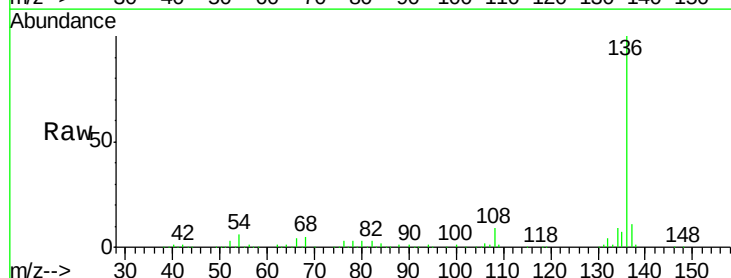
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.7 6.2 9.4#

68 4.6 5.0 7.6#

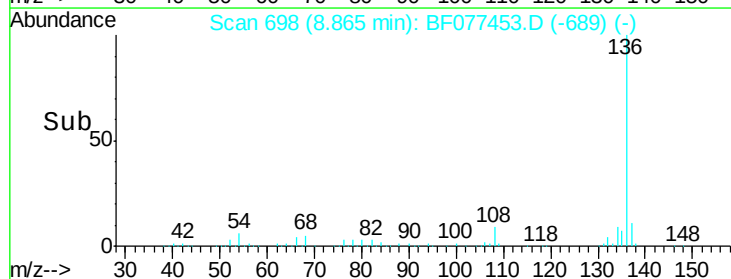
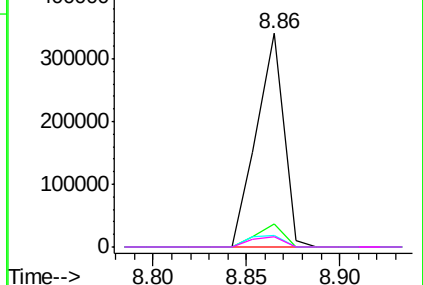


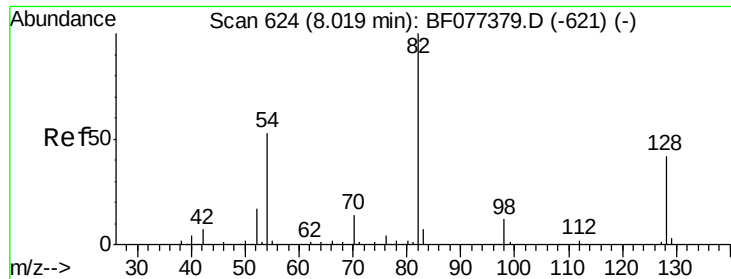
Abundance Ion 136.00 (135.70 to 136.70): E

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

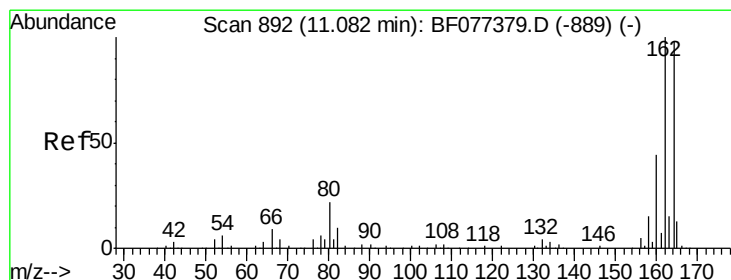
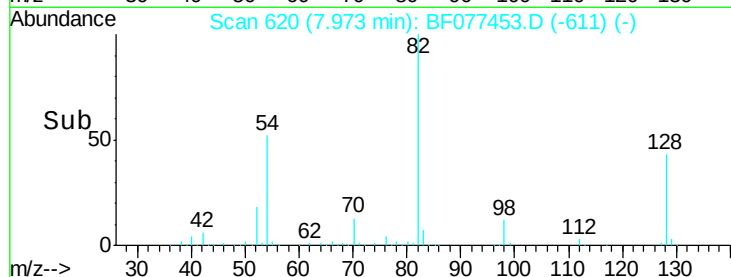
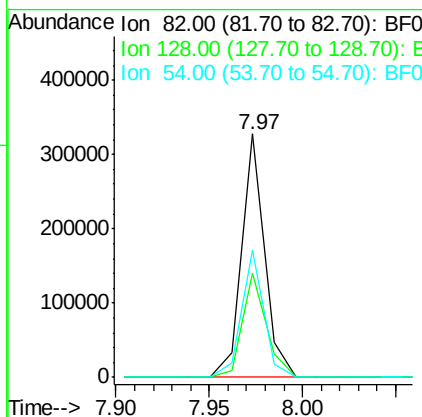
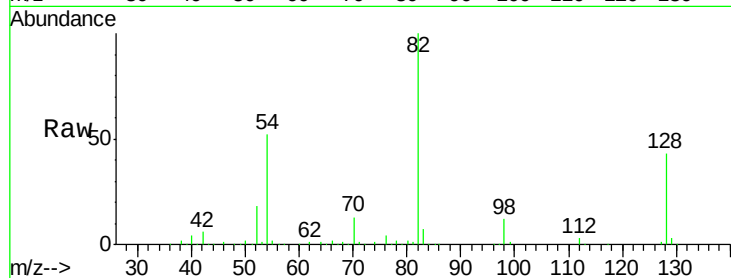




#23
 Nitrobenzene-d5
 Concen: 50.59 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

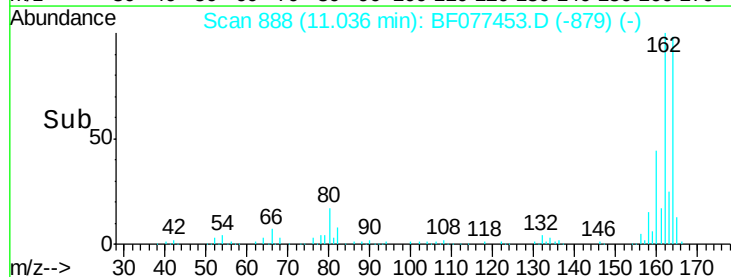
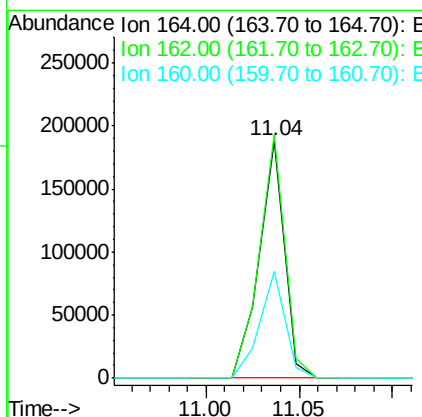
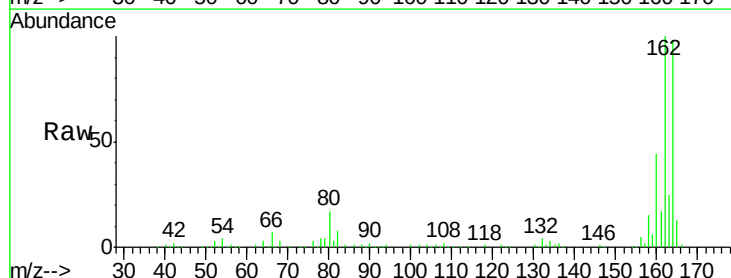
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

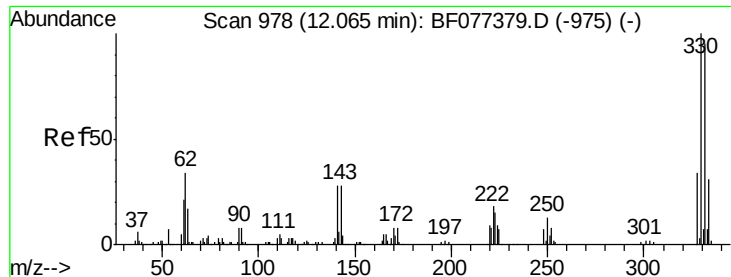
Tgt Ion: 82 Resp: 280367
 Ion Ratio Lower Upper
 82 100
 128 42.6 43.8 65.8#
 54 52.0 36.7 55.1



#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

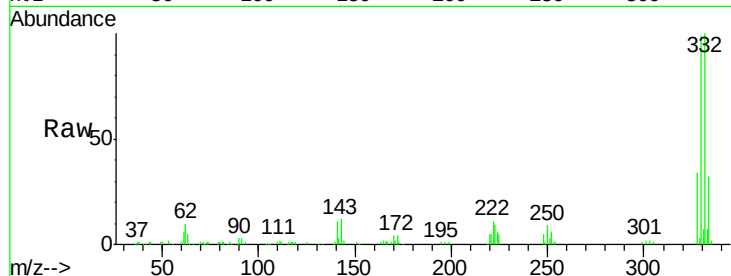




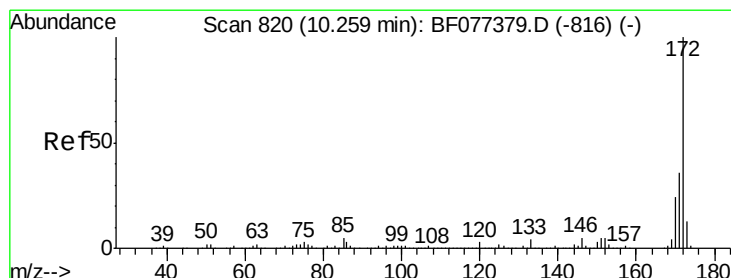
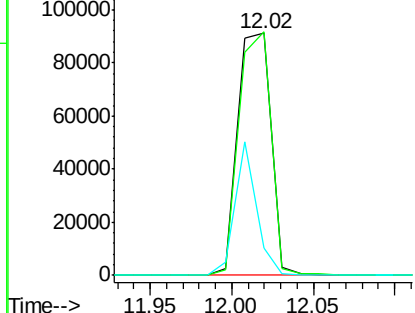
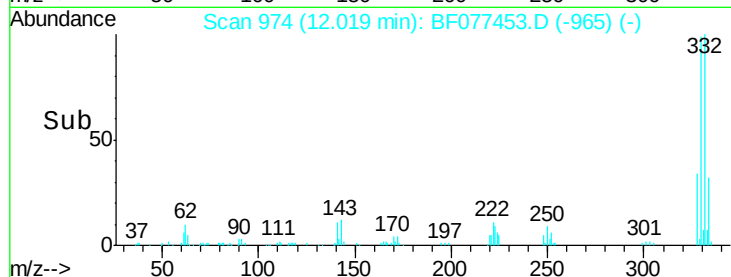
#41
 2,4,6-Tribromophenol
 Concen: 75.77 ng
 RT: 12.02 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

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

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

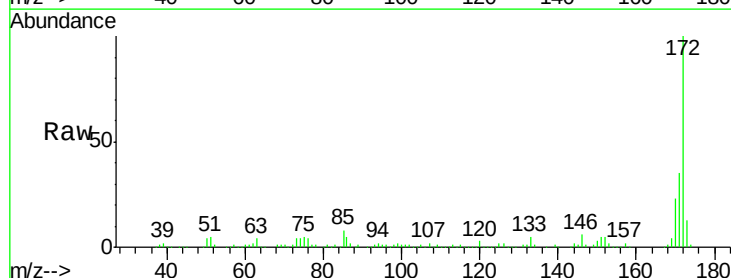


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

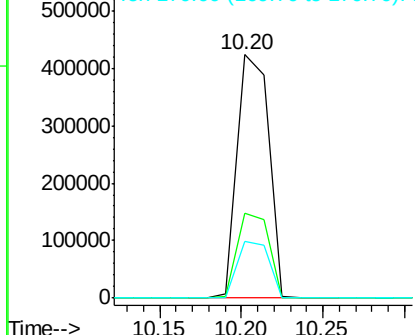
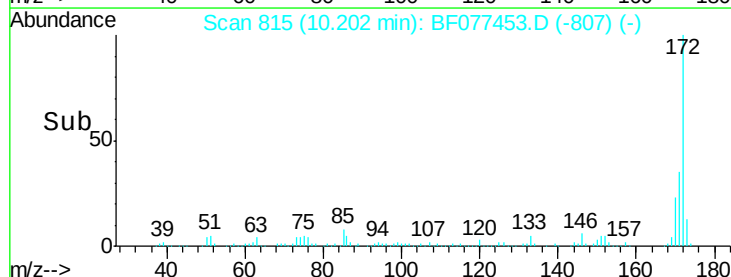


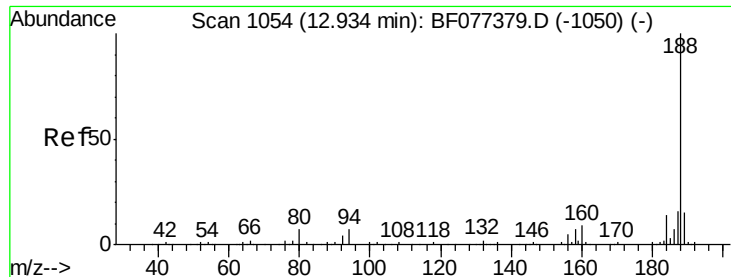
#44
 2-Fluorobiphenyl
 Concen: 50.12 ng
 RT: 10.20 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF077453.D
 Acq: 26 Feb 2015 2:26

Tgt Ion	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

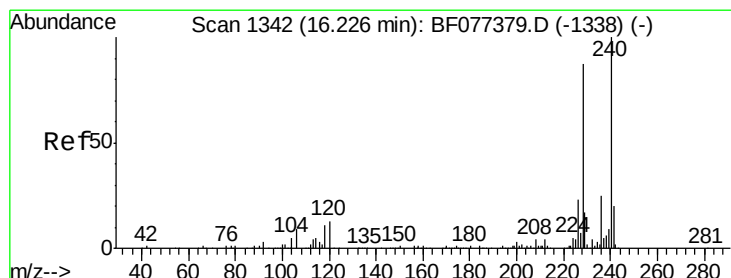
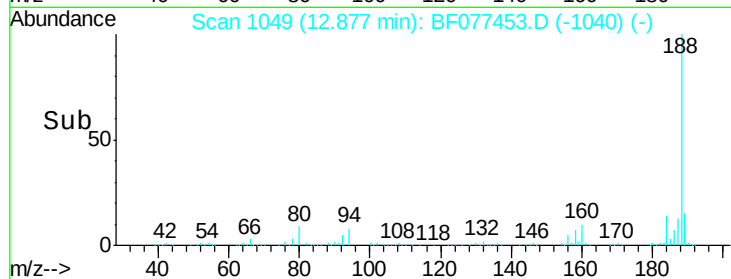
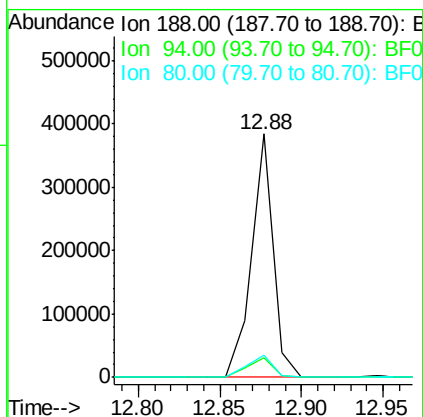
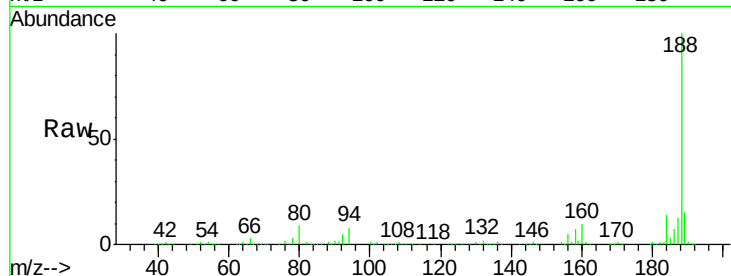




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077453.D
Acq: 26 Feb 2015 2:26

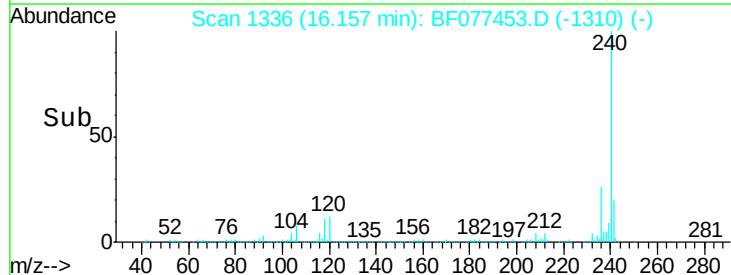
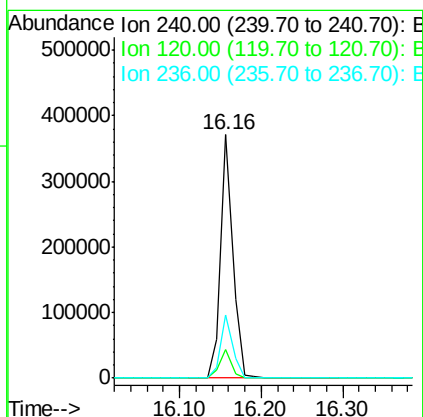
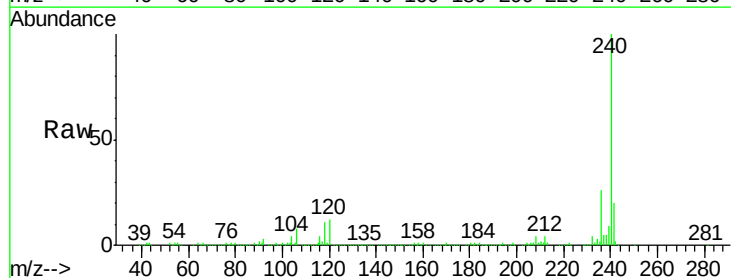
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

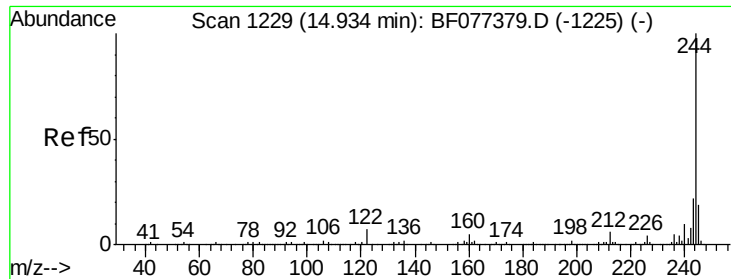
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	8.9	8.0	12.0



#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	Ratio	Lower	Upper
240	100		
120	12.0	8.8	13.2
236	25.7	20.7	31.1





#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

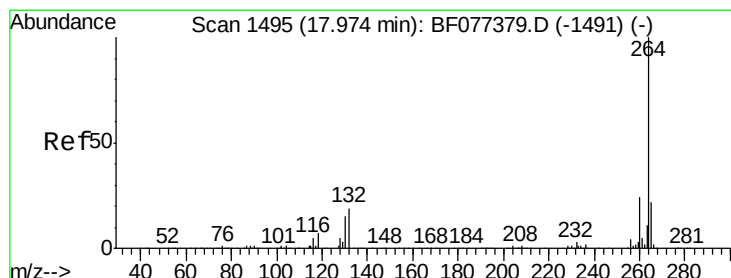
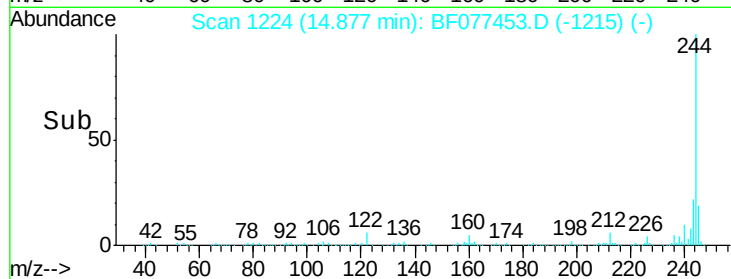
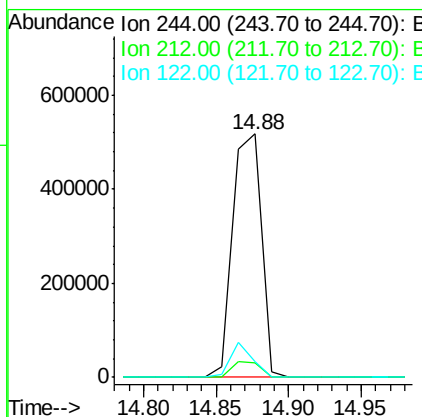
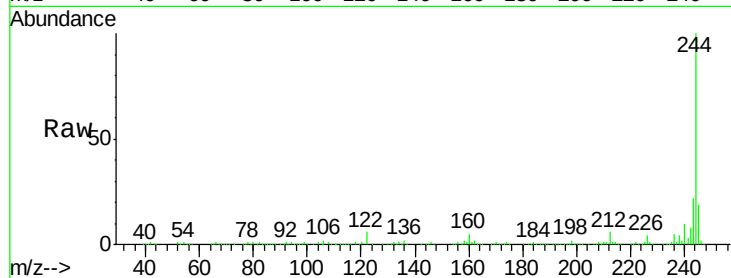
Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

Tgt Ion:	244	Resp:	712297
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:	264	Resp:	385353
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	21.5	16.8	25.2

