

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077340.D
 Acq On : 18 Feb 2015 4:06
 Operator : TP/IZ
 Sample : PB81762TB
 Misc : W
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81762TB

Quant Time: Feb 18 05:06:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 02:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	56906	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	236281	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	110041	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	225490	20.00	ng	0.00
75) Chrysene-d12	16.27	240	215569	20.00	ng	0.00
86) Perylene-d12	17.99	264	208576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	396778	119.16	ng	0.00
7) Phenol-d6	6.92	99	531089	122.09	ng	0.00
23) Nitrobenzene-d5	8.06	82	278781	81.71	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	124166	121.22	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	648496	88.84	ng	0.00
78) Terphenyl-d14	14.98	244	746045	78.68	ng	0.00

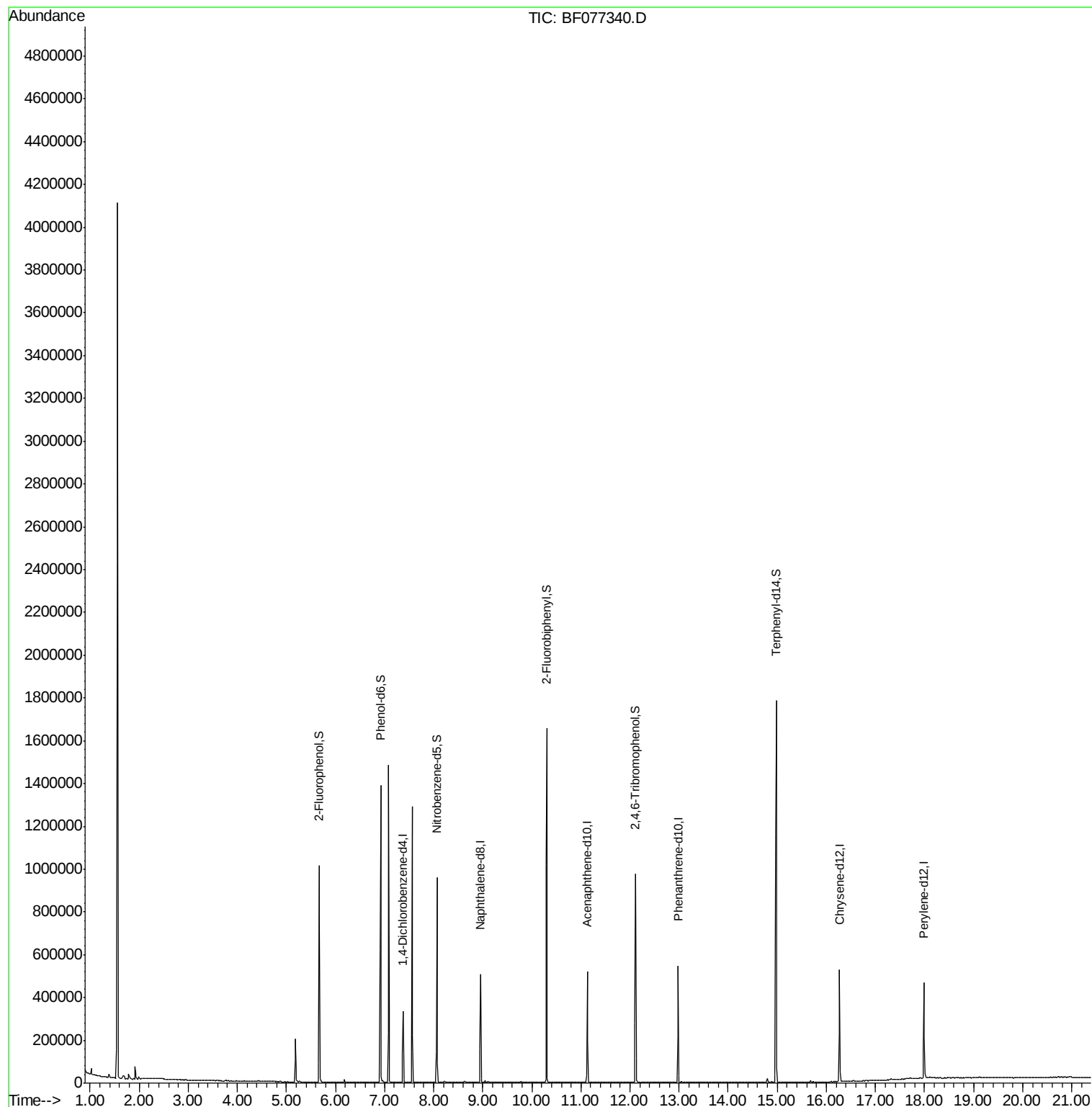
Target Compounds	Qvalue
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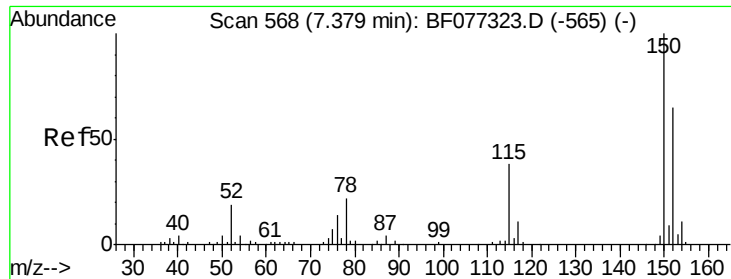
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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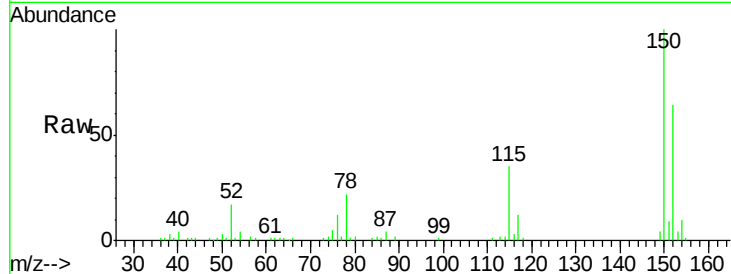


#1

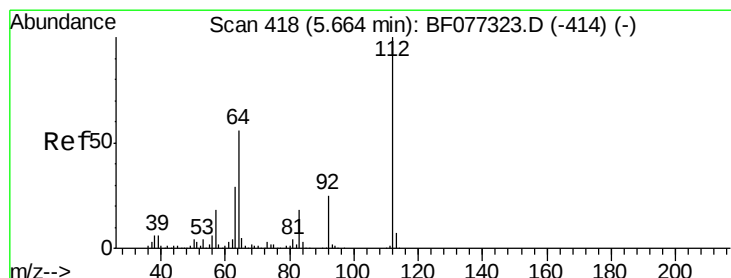
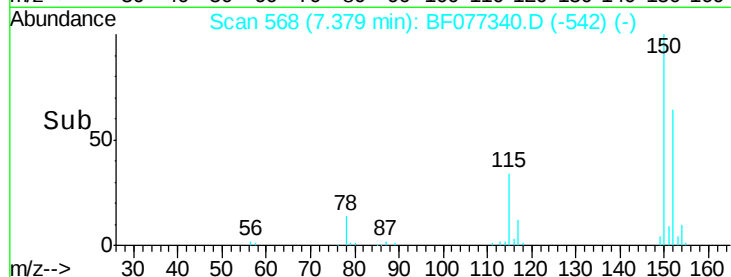
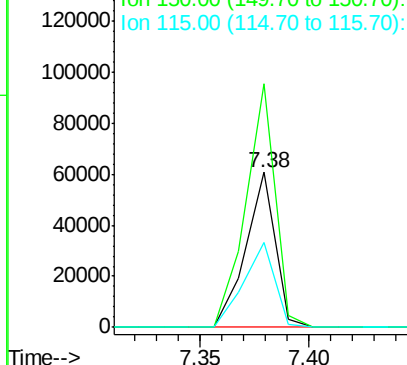
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF077340.D
Acq: 18 Feb 2015 4:06

Instrument :
BNA_F
ClientSampleId :
PB81762TB

Tgt Ion:152 Resp: 56906
Ion Ratio Lower Upper
152 100
150 156.9 123.1 184.7
115 54.4 46.2 69.4



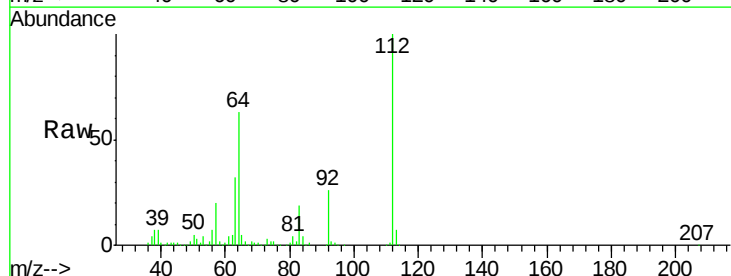
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



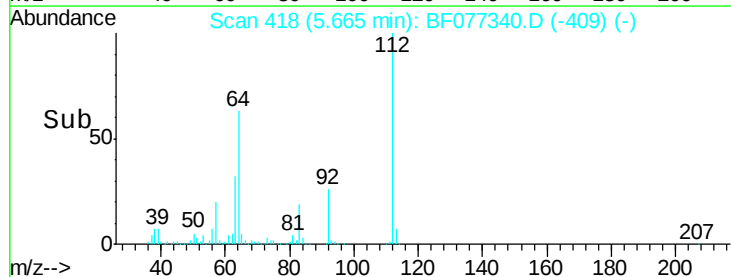
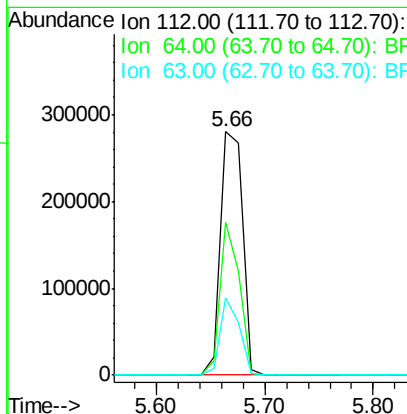
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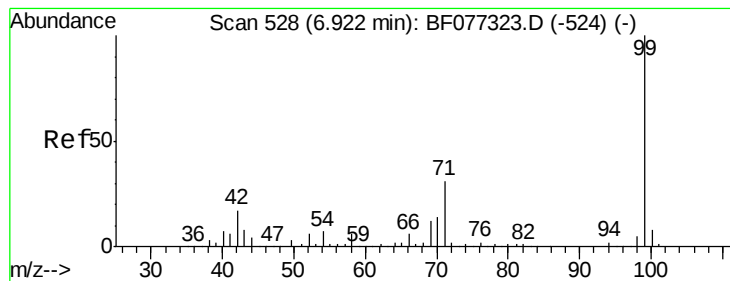
2-Fluorophenol
Concen: 119.16 ng
RT: 5.66 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF077340.D
Acq: 18 Feb 2015 4:06

Tgt Ion:112 Resp: 396778
Ion Ratio Lower Upper
112 100
64 62.6 44.7 67.1
63 31.6 23.3 34.9



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: 122.09 ng

RT: 6.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077340.D

Acq: 18 Feb 2015 4:06

Instrument :

BNA_F

ClientSampleId :

PB81762TB

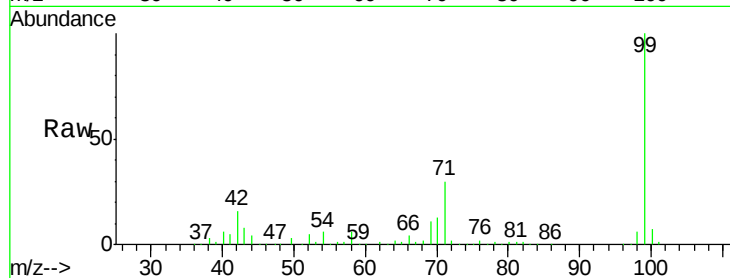
Tgt Ion: 99 Resp: 531089

Ion Ratio Lower Upper

99 100

42 15.6 13.8 20.6

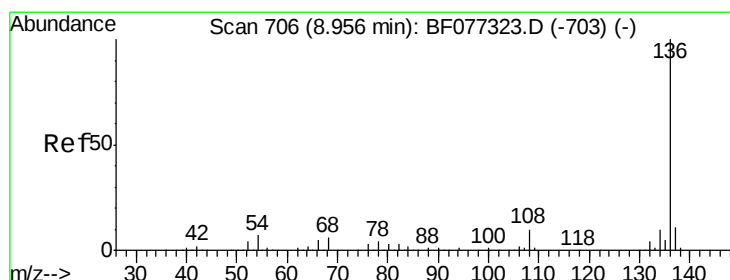
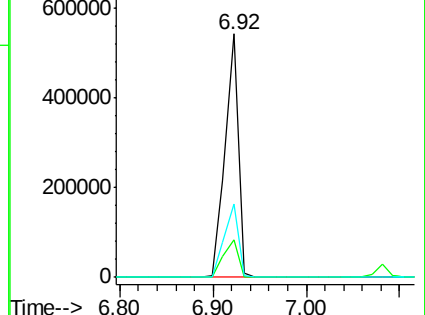
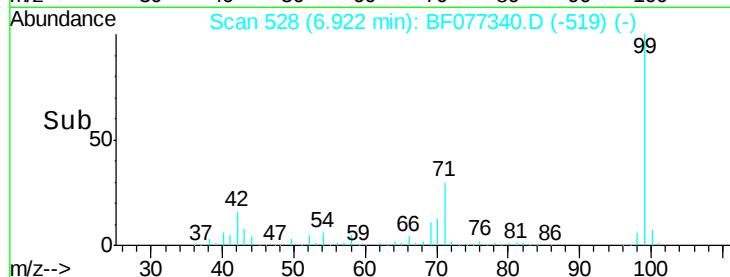
71 30.4 24.6 37.0



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: 8.96 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077340.D

Acq: 18 Feb 2015 4:06

Tgt Ion: 136 Resp: 236281

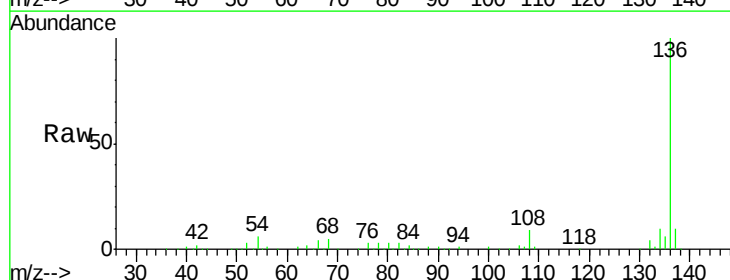
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.3 5.8 8.6

68 5.3 4.6 6.8

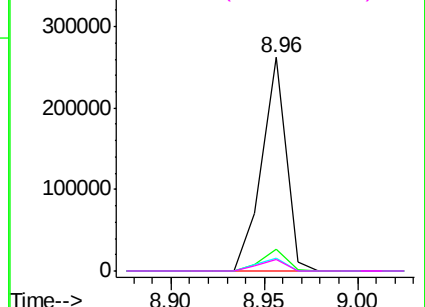
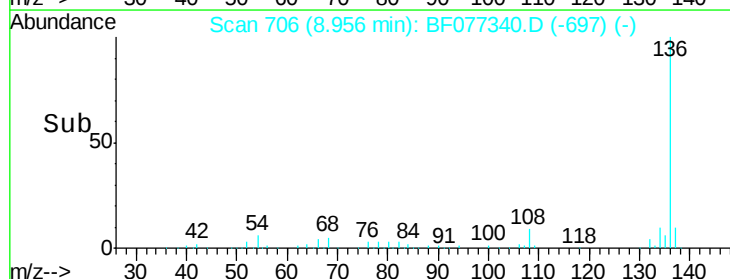


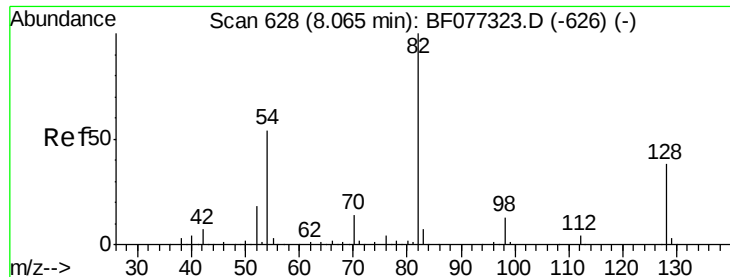
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.71 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF077340.D

Acq: 18 Feb 2015 4:06

Instrument :

BNA_F

ClientSampleId :

PB81762TB

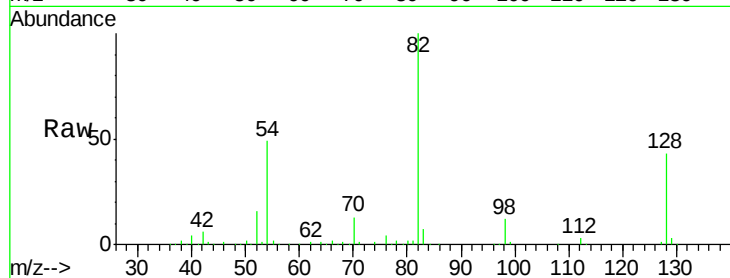
Tgt Ion: 82 Resp: 278781

Ion Ratio Lower Upper

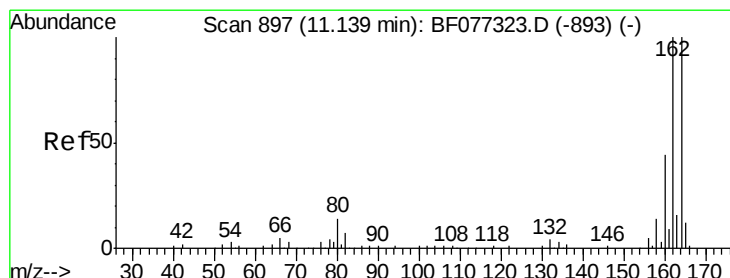
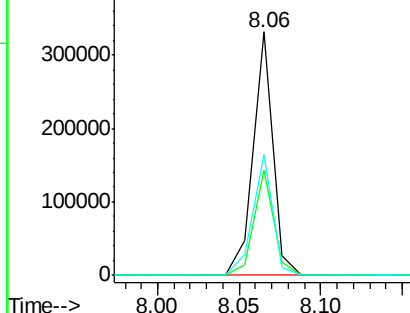
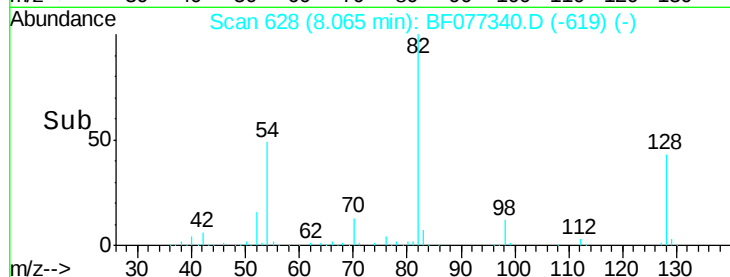
82 100

128 43.1 30.7 46.1

54 49.5 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BF077340.D (-619) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF077340.D

Acq: 18 Feb 2015 4:06

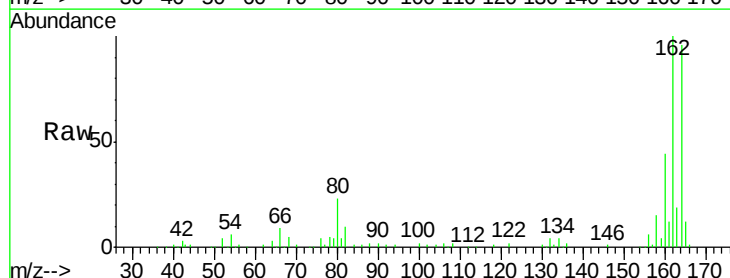
Tgt Ion: 164 Resp: 110041

Ion Ratio Lower Upper

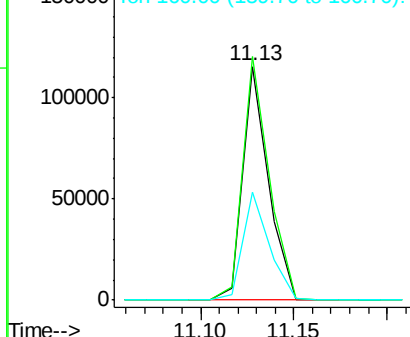
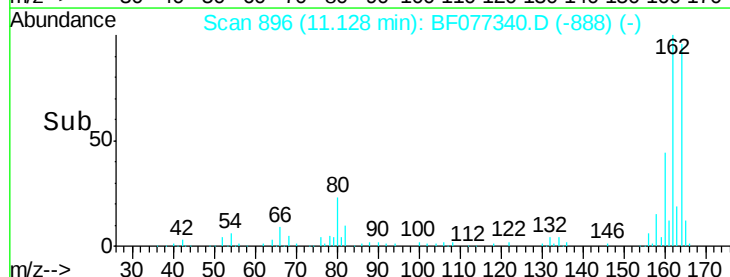
164 100

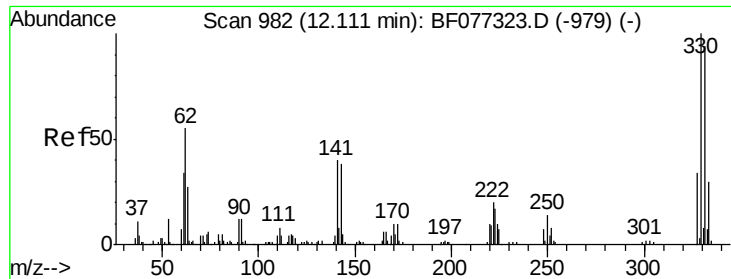
162 104.2 80.4 120.6

160 46.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BF077340.D (-888) (-)

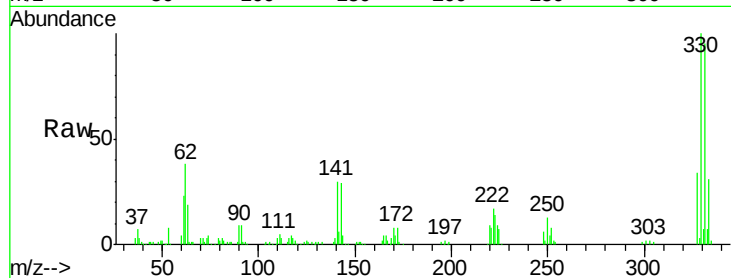




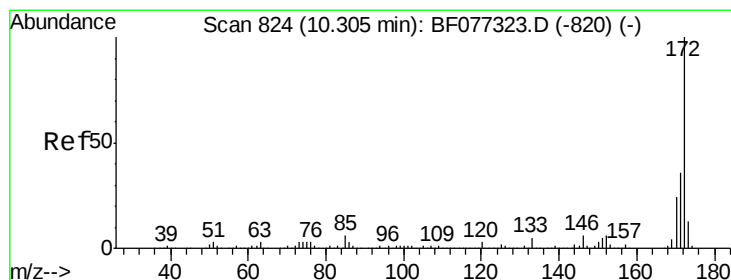
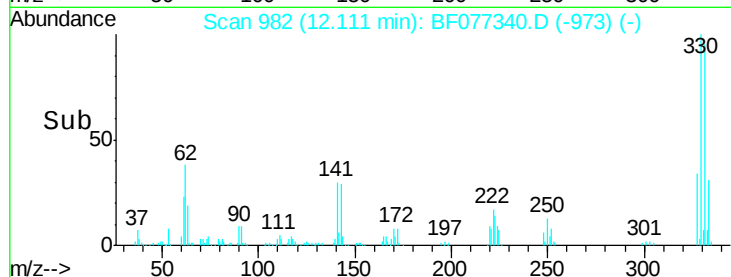
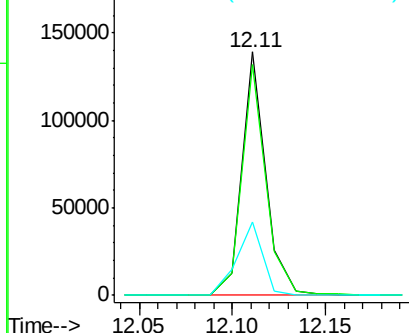
#41
 2,4,6-Tribromophenol
 Concen: 121.22 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF077340.D
 Acq: 18 Feb 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 PB81762TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	33.3	28.5	42.7

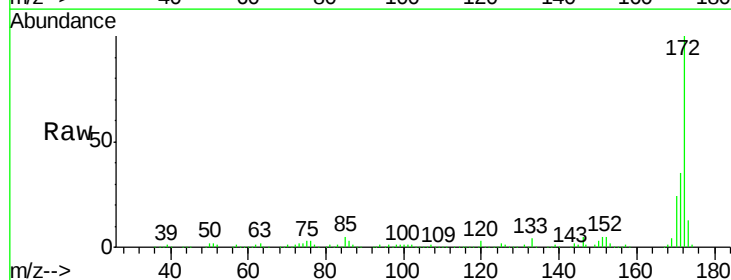


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

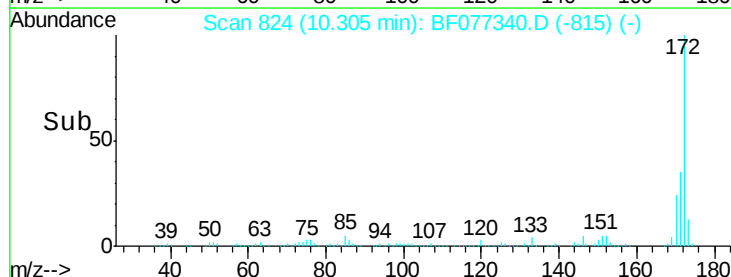
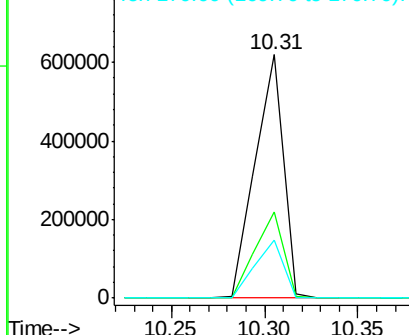


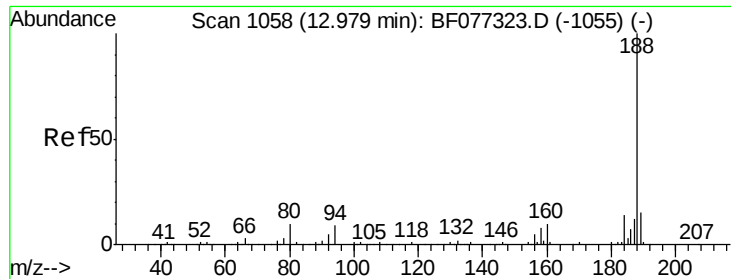
#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 10.31 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077340.D
 Acq: 18 Feb 2015 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.7	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

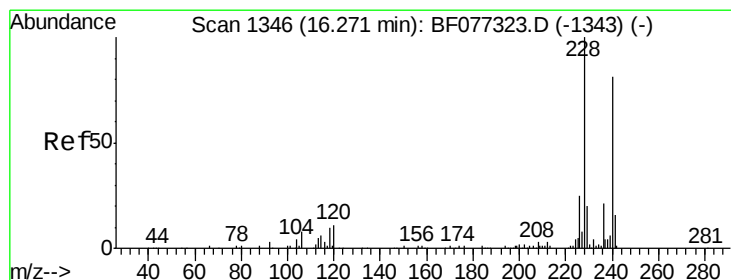
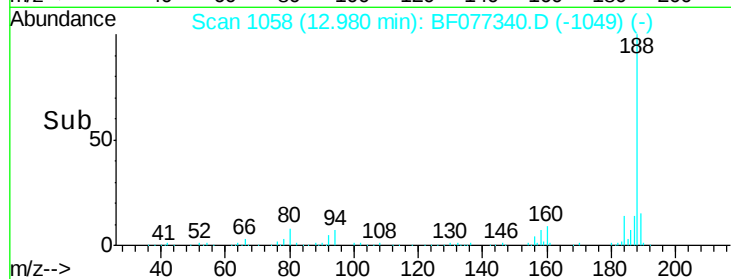
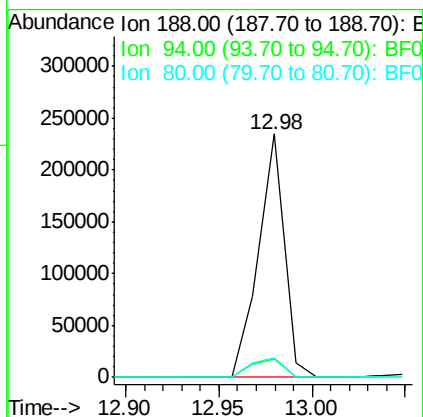
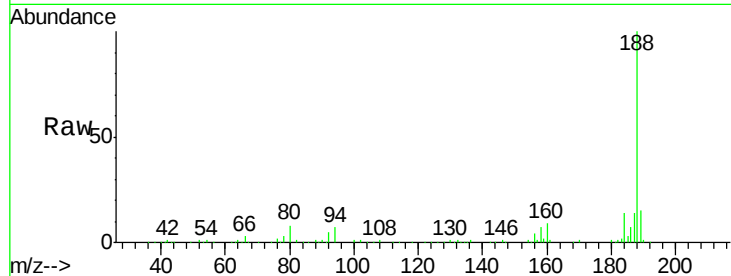




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF077340.D
Acq: 18 Feb 2015 4:06

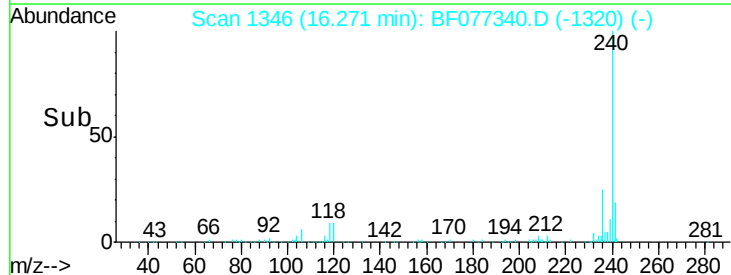
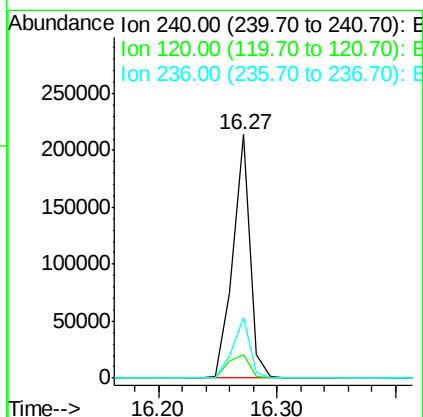
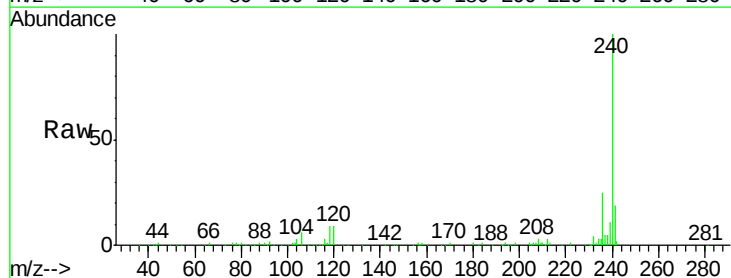
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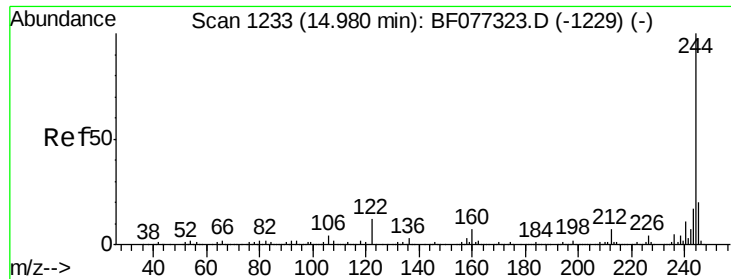
Tgt Ion:188 Resp: 225490
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 8.0 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF077340.D
Acq: 18 Feb 2015 4:06

Tgt Ion:240 Resp: 215569
Ion Ratio Lower Upper
240 100
120 9.4 11.3 16.9#
236 25.1 20.3 30.5

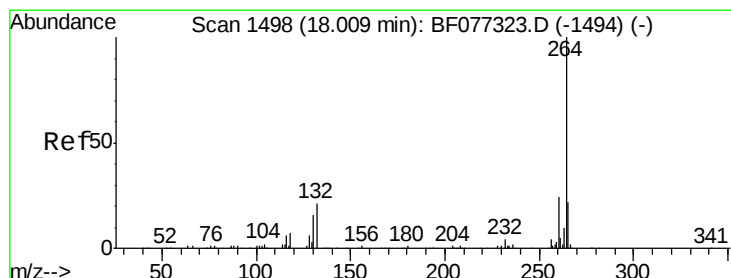
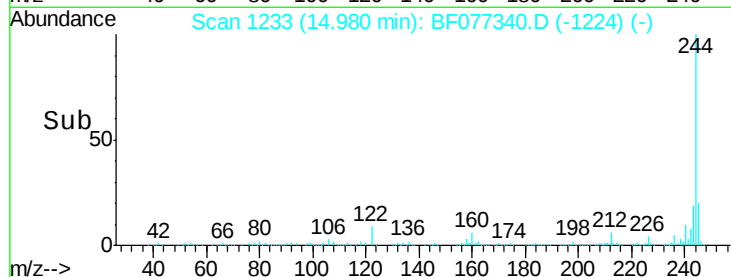
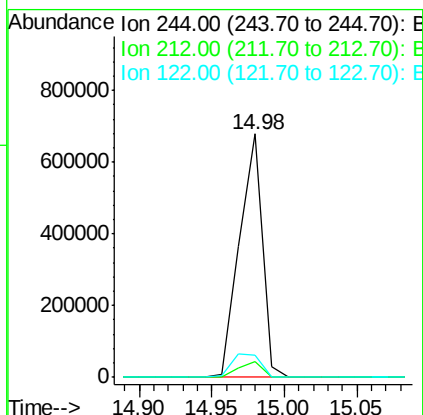
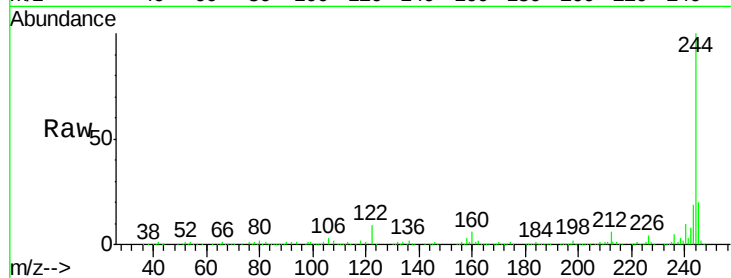




#78
 Terphenyl-d14
 Concen: 78.68 ng
 RT: 14.98 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF077340.D
 Acq: 18 Feb 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 PB81762TB

Tgt Ion: 244 Resp: 746045
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.0 9.3 13.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BF077340.D
 Acq: 18 Feb 2015 4:06

Tgt Ion: 264 Resp: 208576
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.5 17.7 26.5

