

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077587.D
 Acq On : 4 Mar 2015 17:44
 Operator : TP/IZ
 Sample : PB81974TB
 Misc : W/TCLP
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81974TB

Quant Time: Mar 04 23:39:01 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	66330	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	265856	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	128220	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	249916	20.00	ng	0.00
75) Chrysene-d12	16.11	240	260389	20.00	ng	0.00
86) Perylene-d12	17.89	264	256466	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	481244	121.12	ng	0.00
7) Phenol-d6	6.78	99	582463	114.02	ng	0.00
23) Nitrobenzene-d5	7.91	82	355829	83.23	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	145962	118.23	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	695855	84.62	ng	0.00
78) Terphenyl-d14	14.81	244	814712	73.15	ng	0.00

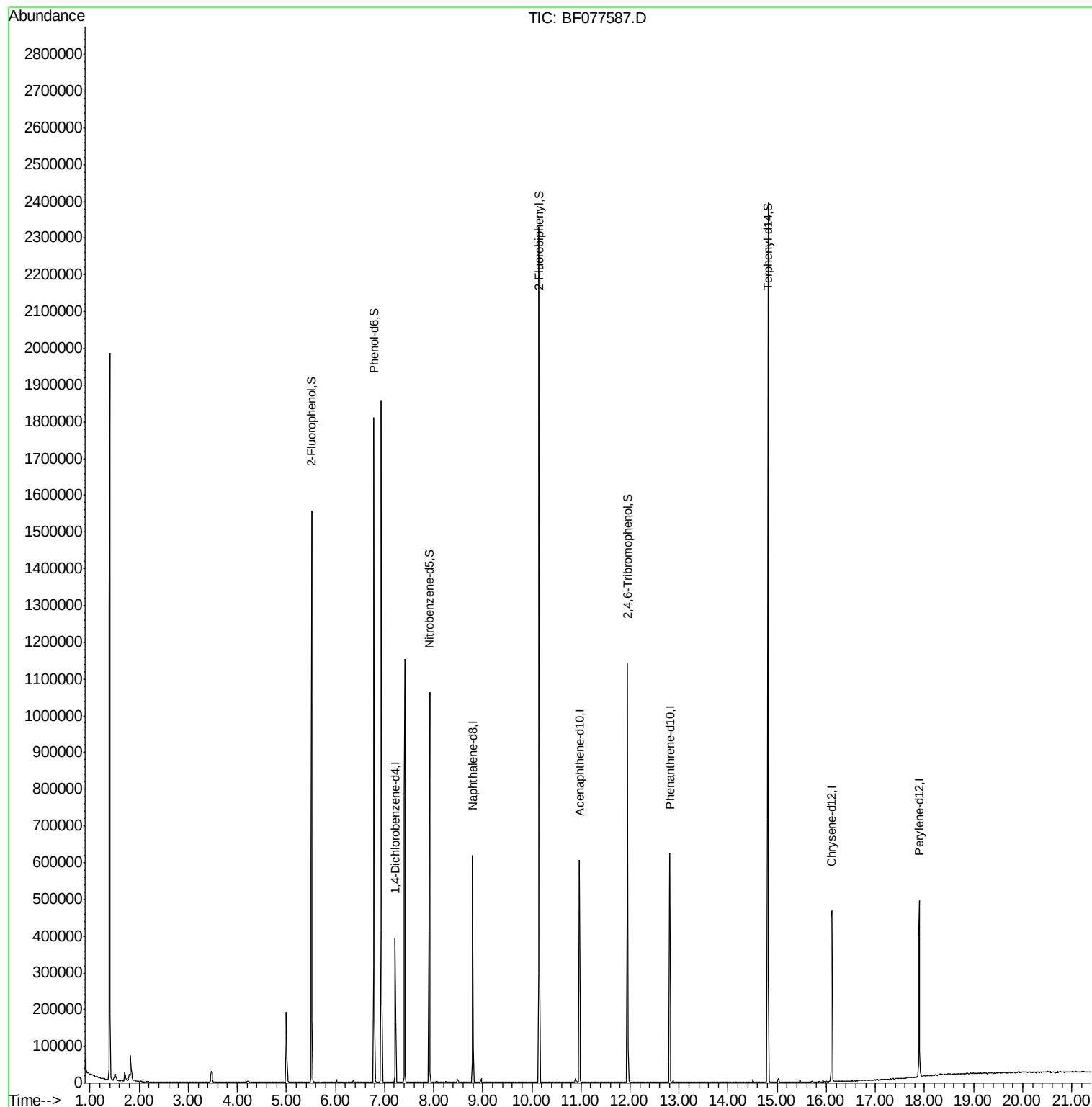
Target Compounds	Qvalue
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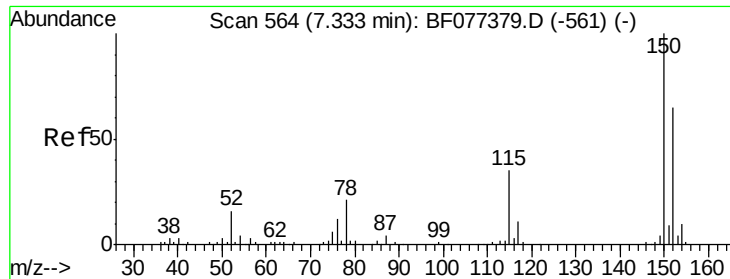
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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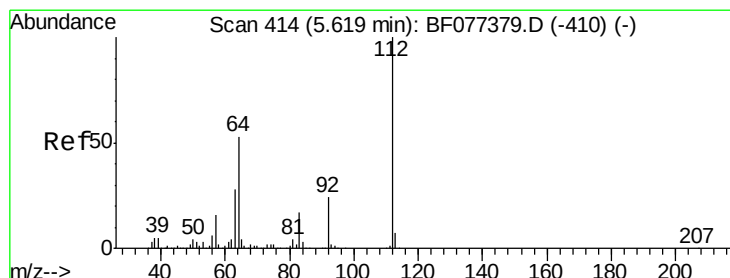
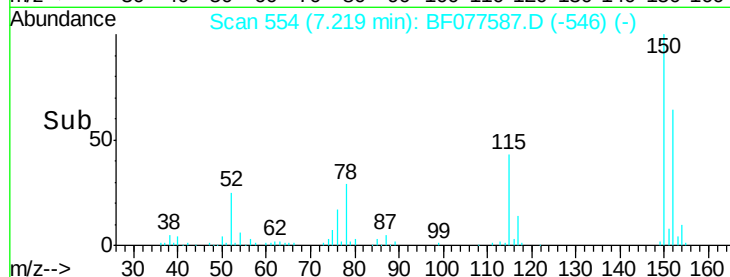
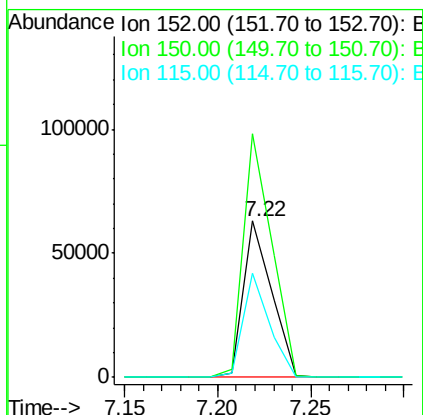
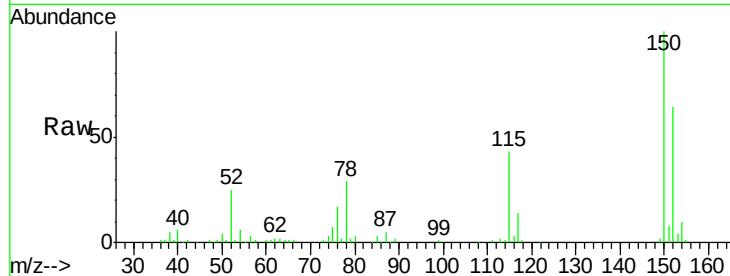


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077587.D
Acq: 4 Mar 2015 17:44

Instrument :
BNA_F
ClientSampleId :
PB81974TB

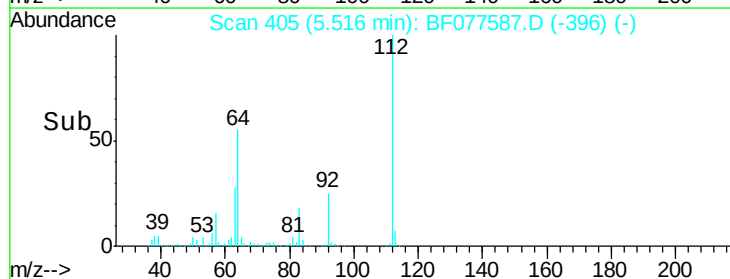
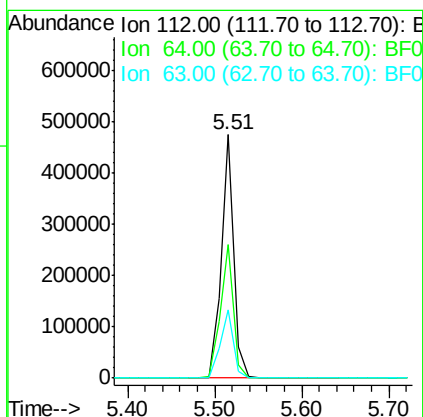
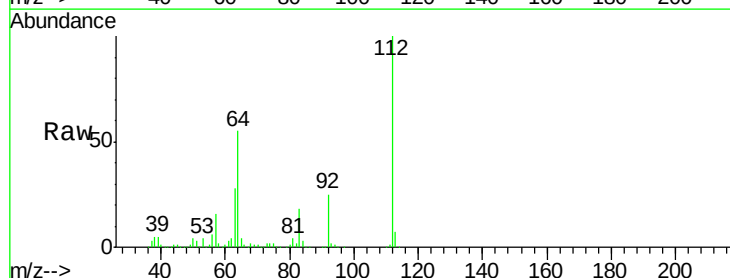
Tgt Ion:152 Resp: 66330
Ion Ratio Lower Upper
152 100
150 155.8 124.0 186.0
115 66.6 49.4 74.2

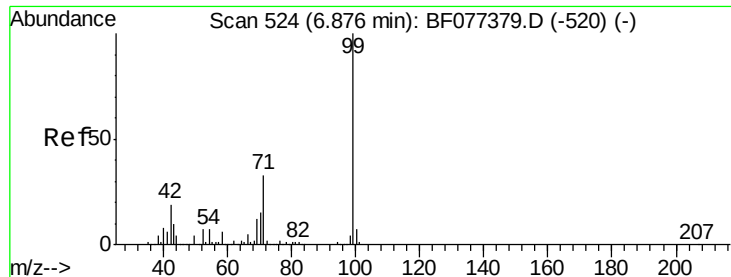


#5

2-Fluorophenol
Concen: 121.12 ng
RT: 5.51 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077587.D
Acq: 4 Mar 2015 17:44

Tgt Ion:112 Resp: 481244
Ion Ratio Lower Upper
112 100
64 54.6 48.5 72.7
63 28.0 25.0 37.4





#7

Phenol-d6

Concen: 114.02 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077587.D

Acq: 4 Mar 2015 17:44

Instrument :

BNA_F

ClientSampleId :

PB81974TB

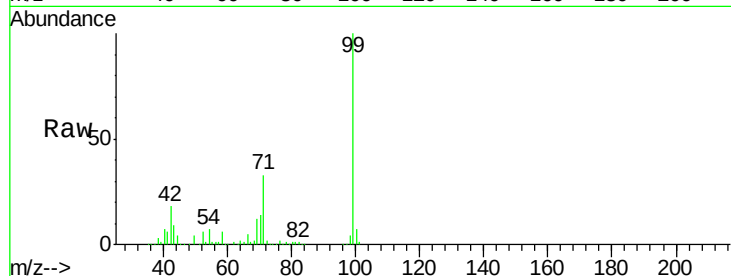
Tgt Ion: 99 Resp: 582463

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.4

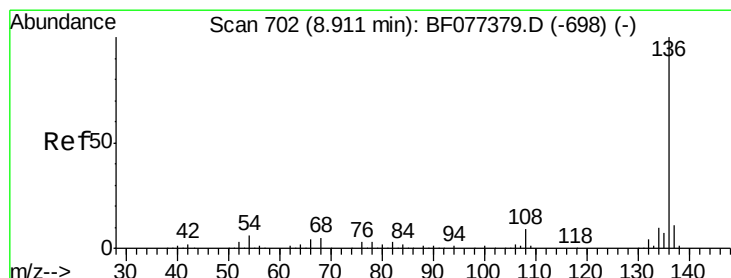
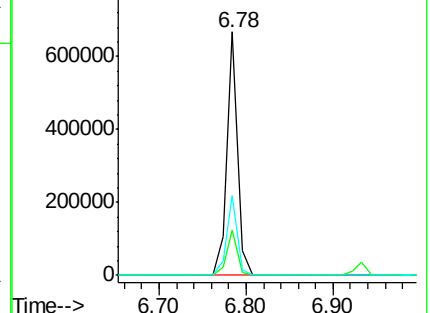
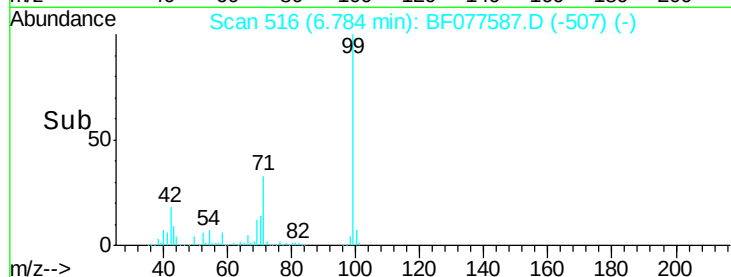
71 32.8 26.7 40.1



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: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077587.D

Acq: 4 Mar 2015 17:44

Tgt Ion: 136 Resp: 265856

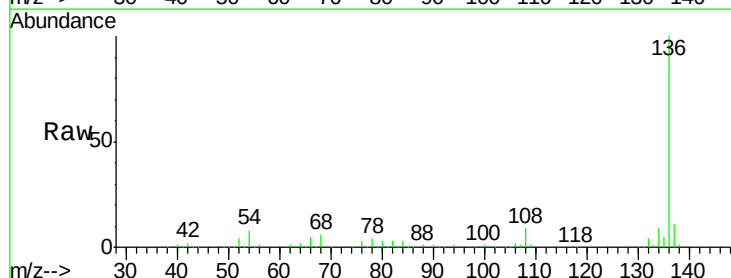
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.9 6.2 9.4

68 5.8 5.0 7.6

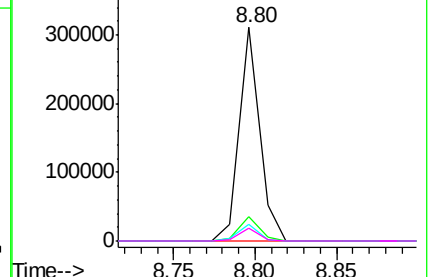
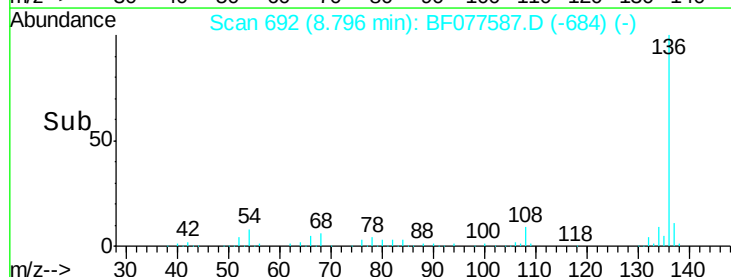


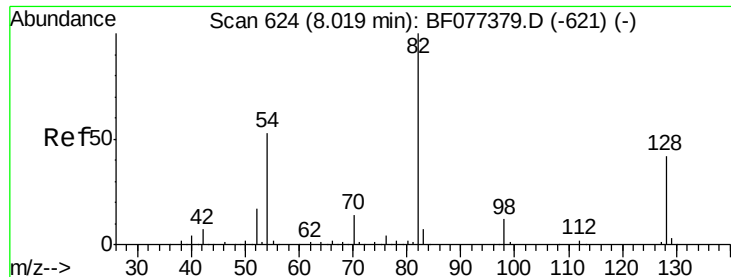
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.23 ng

RT: 7.91 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077587.D

Acq: 4 Mar 2015 17:44

Instrument :

BNA_F

ClientSampleId :

PB81974TB

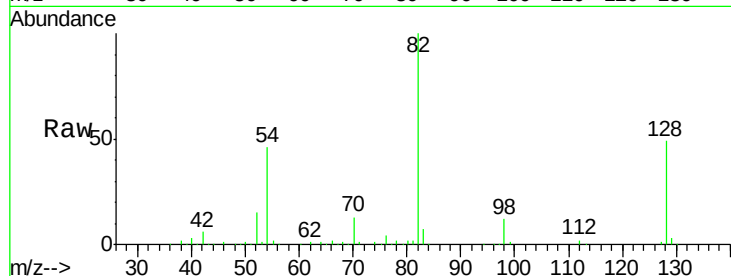
Tgt Ion: 82 Resp: 355829

Ion Ratio Lower Upper

82 100

128 49.3 43.8 65.8

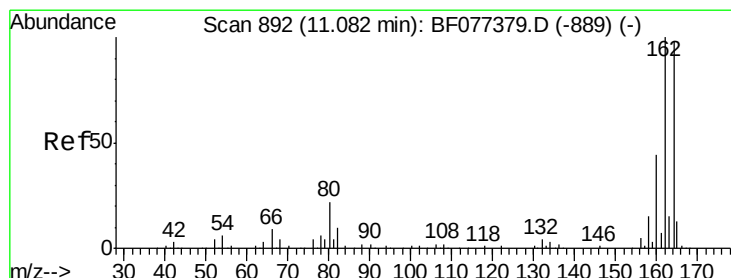
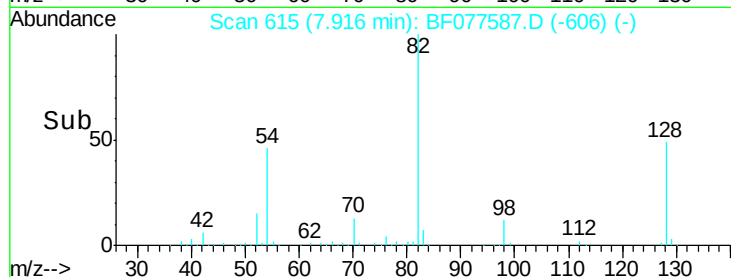
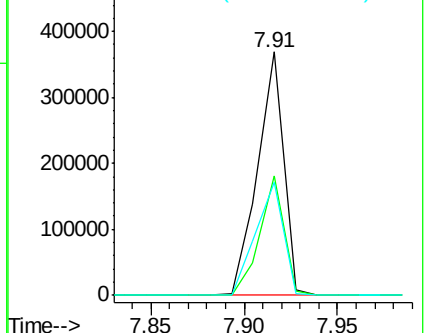
54 46.4 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077587.D

Acq: 4 Mar 2015 17:44

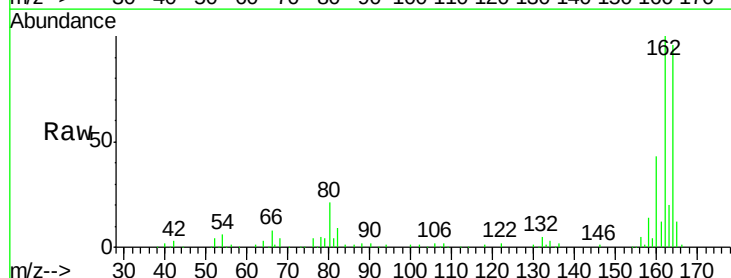
Tgt Ion: 164 Resp: 128220

Ion Ratio Lower Upper

164 100

162 103.8 83.2 124.8

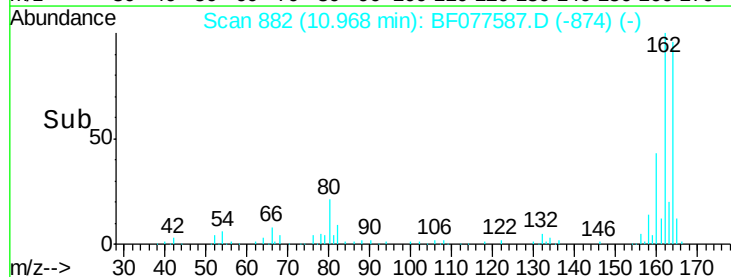
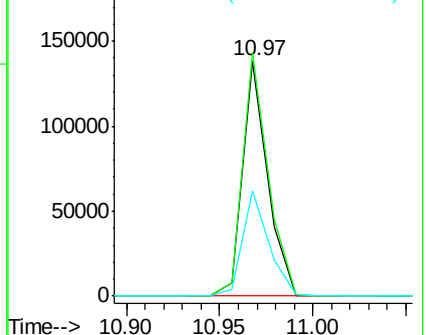
160 44.7 34.6 52.0

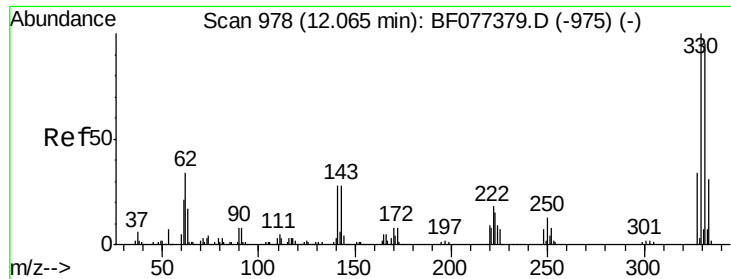


Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)

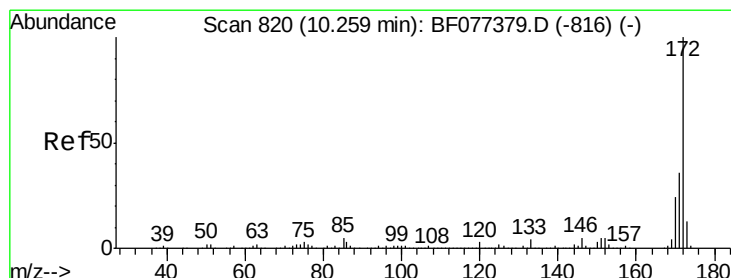
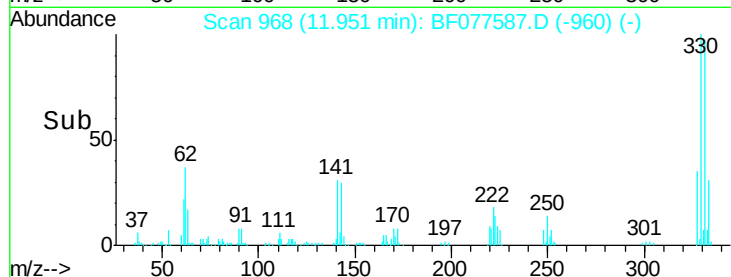
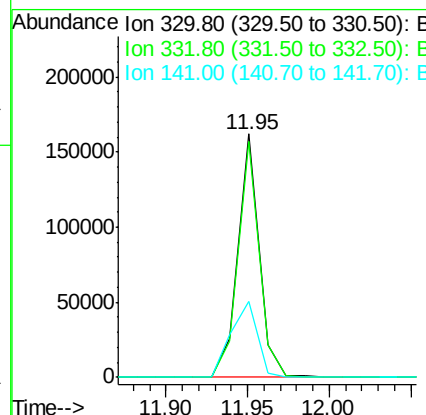
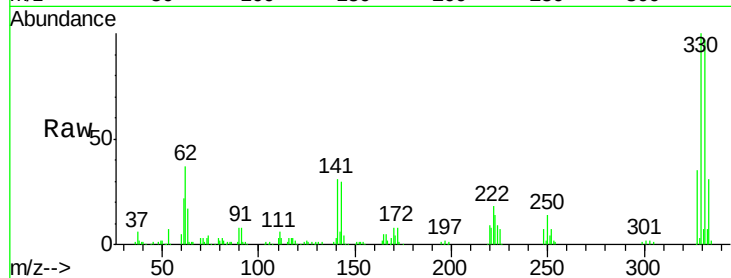




#41
 2,4,6-Tribromophenol
 Concen: 118.23 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077587.D
 Acq: 4 Mar 2015 17:44

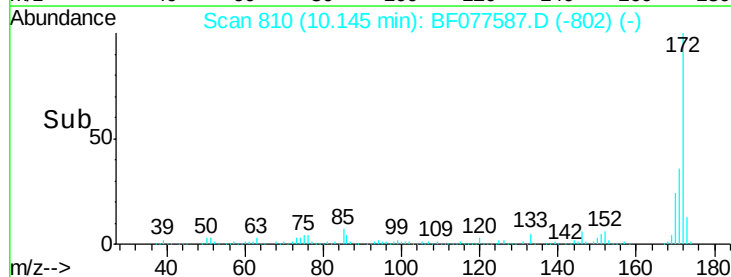
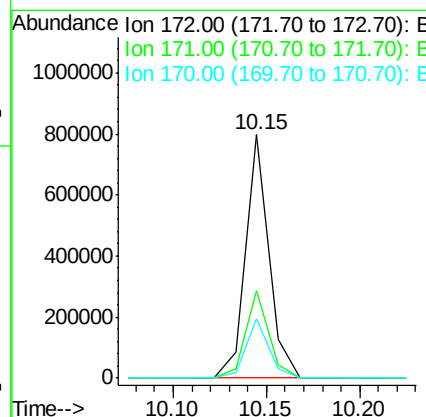
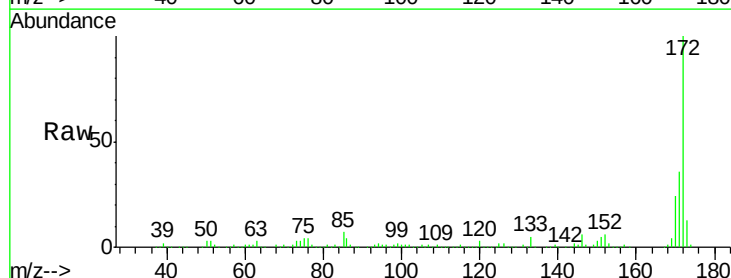
Instrument :
 BNA_F
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 PB81974TB

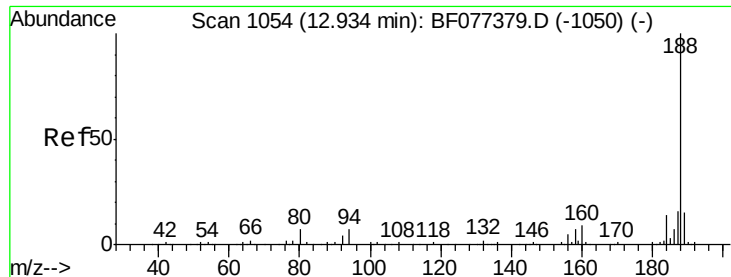
Tgt Ion:330 Resp: 145962
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 38.9 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 84.62 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077587.D
 Acq: 4 Mar 2015 17:44

Tgt Ion:172 Resp: 695855
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.2 19.4 29.2

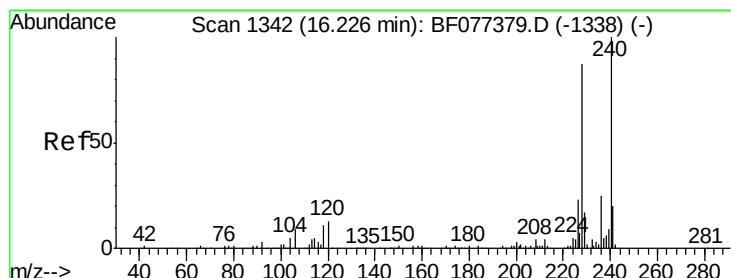
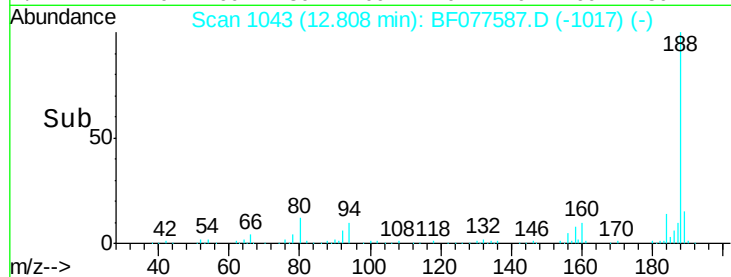
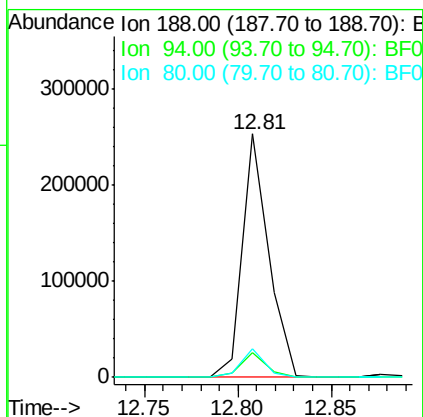
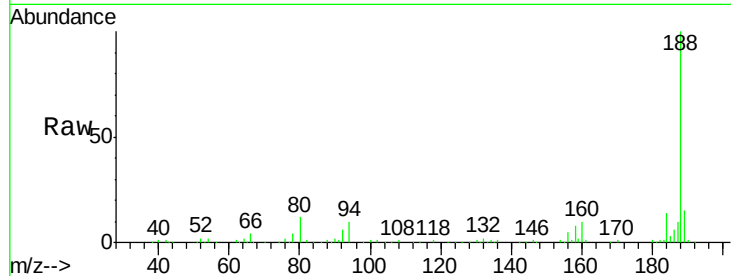




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077587.D
Acq: 4 Mar 2015 17:44

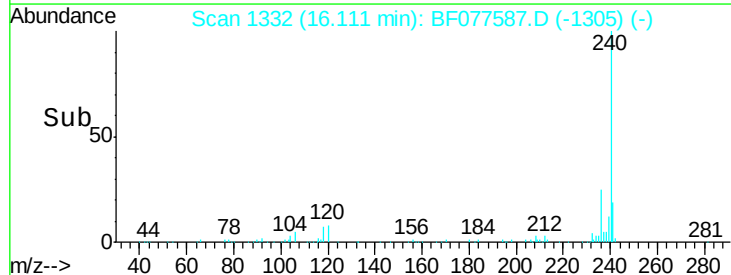
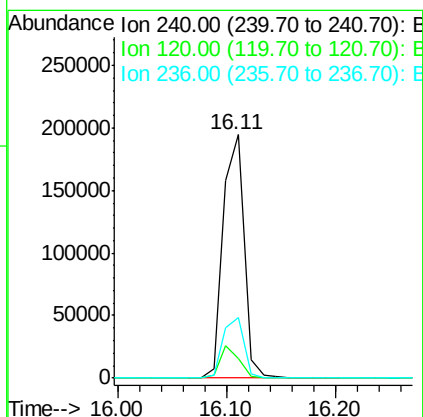
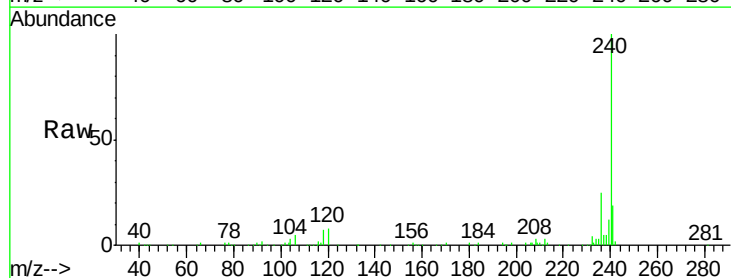
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PB81974TB

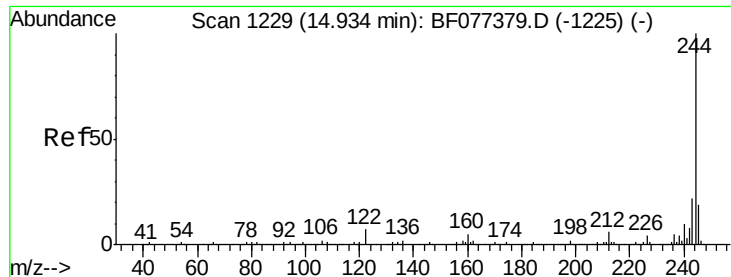
Tgt Ion:188 Resp: 249916
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.7 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF077587.D
Acq: 4 Mar 2015 17:44

Tgt Ion:240 Resp: 260389
Ion Ratio Lower Upper
240 100
120 7.9 8.8 13.2#
236 24.7 20.7 31.1

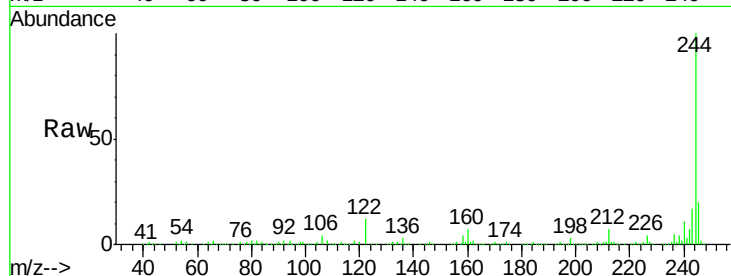




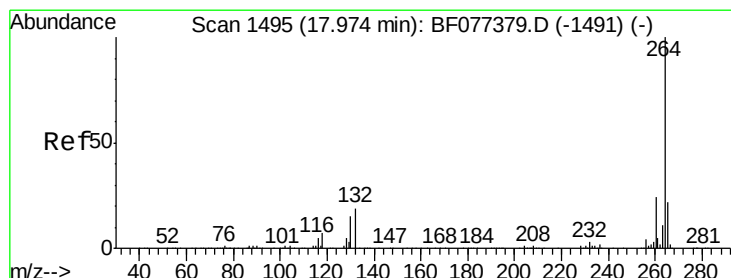
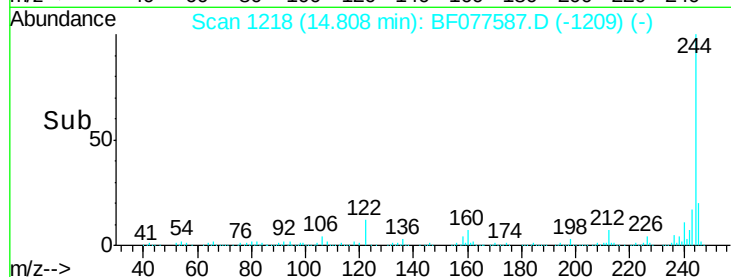
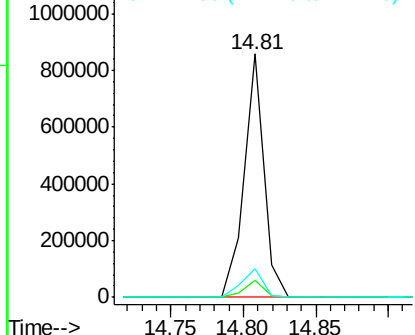
#78
 Terphenyl-d14
 Concen: 73.15 ng
 RT: 14.81 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF077587.D
 Acq: 4 Mar 2015 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB81974TB

Tgt Ion:244 Resp: 814712
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 11.5 7.8 11.8

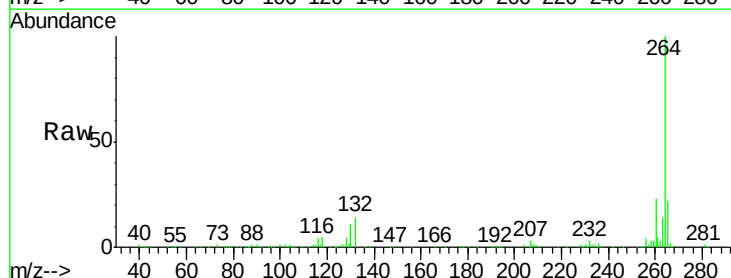


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1488
 Delta R.T. 0.04 min
 Lab File: BF077587.D
 Acq: 4 Mar 2015 17:44

Tgt Ion:264 Resp: 256466
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.6 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

