

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077545.D
 Acq On : 3 Mar 2015 15:00
 Operator : TP/IZ
 Sample : PB81936BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BL

Quant Time: Mar 04 01:20:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	57535	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	188100	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	96531	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	188291	20.00	ng	0.00
75) Chrysene-d12	16.13	240	237760	20.00	ng	-0.02
86) Perylene-d12	17.93	264	198960	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	369108	107.10	ng	0.00
7) Phenol-d6	6.80	99	478503	107.99	ng	0.00
23) Nitrobenzene-d5	7.93	82	250139	82.69	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	109512	117.82	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	520152	84.02	ng	0.00
78) Terphenyl-d14	14.83	244	630721	62.02	ng	0.00

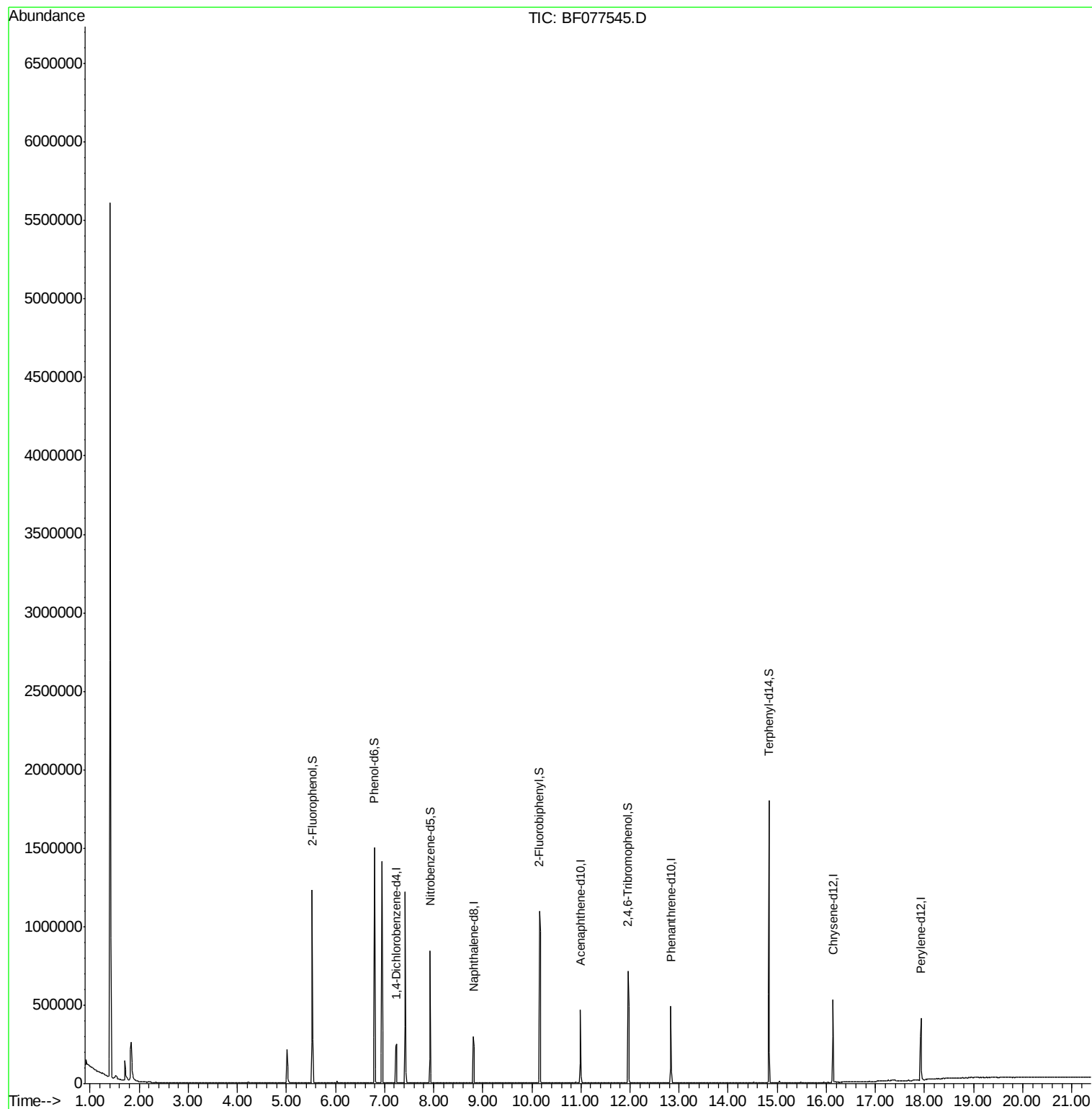
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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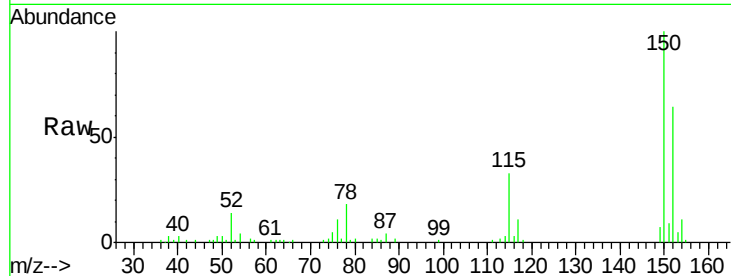




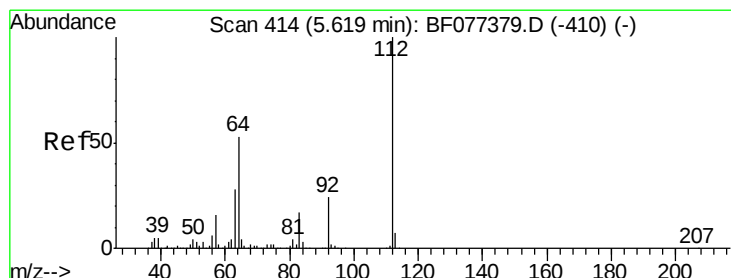
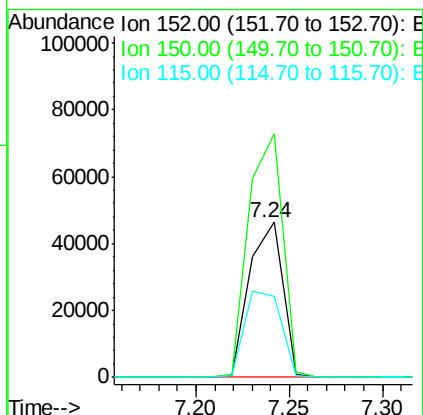
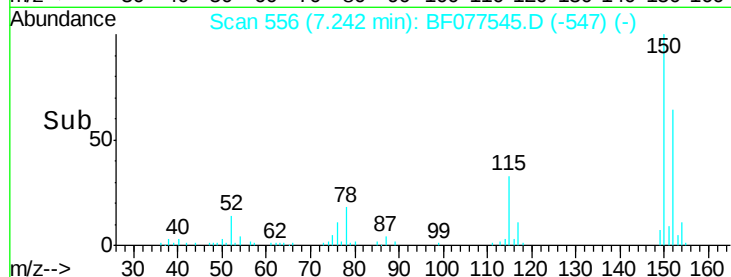
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BL

Tgt Ion:152 Resp: 57535
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.0 186.0
 115 51.9 49.4 74.2

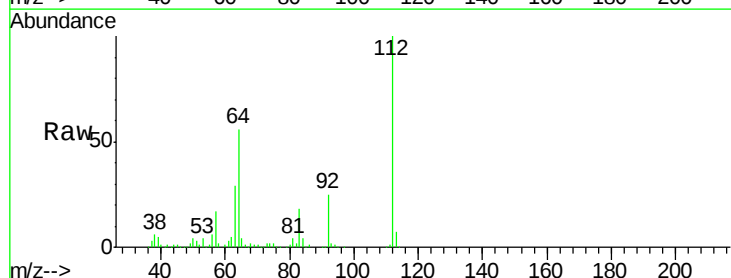


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

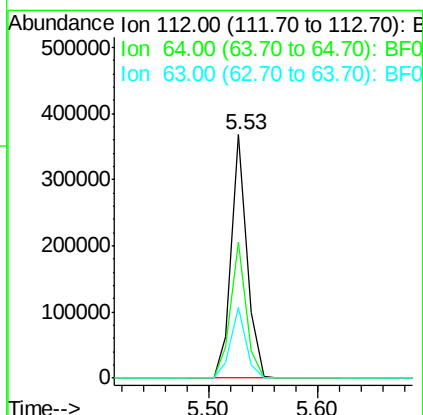
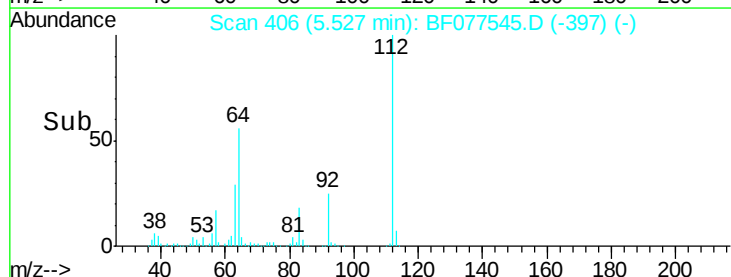


#5
 2-Fluorophenol
 Concen: 107.10 ng
 RT: 5.53 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Tgt Ion:112 Resp: 369108
 Ion Ratio Lower Upper
 112 100
 64 56.0 48.5 72.7
 63 28.9 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: 107.99 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077545.D

Acq: 3 Mar 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81936BL

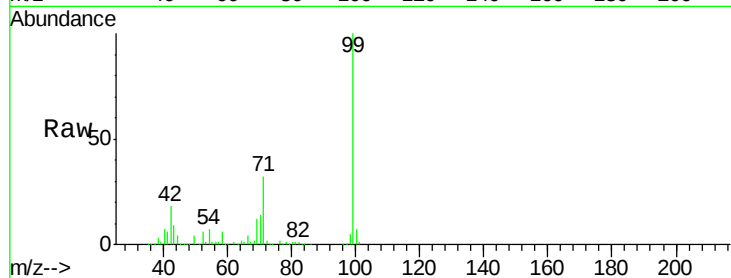
Tgt Ion: 99 Resp: 478503

Ion Ratio Lower Upper

99 100

42 17.5 16.2 24.4

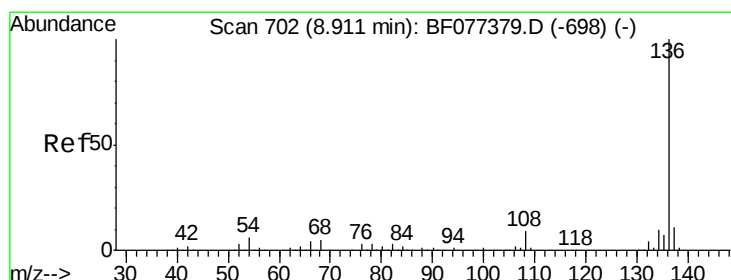
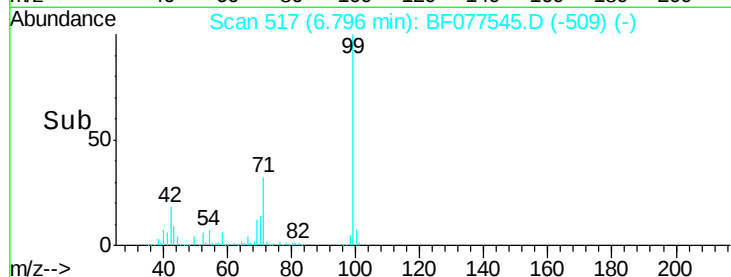
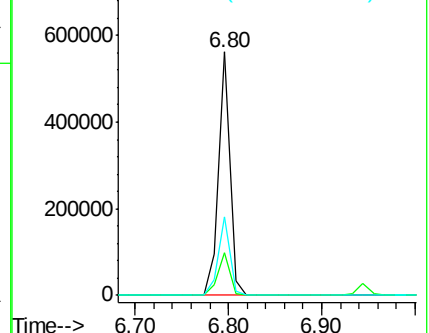
71 32.4 26.7 40.1



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: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077545.D

Acq: 3 Mar 2015 15:00

Tgt Ion: 136 Resp: 188100

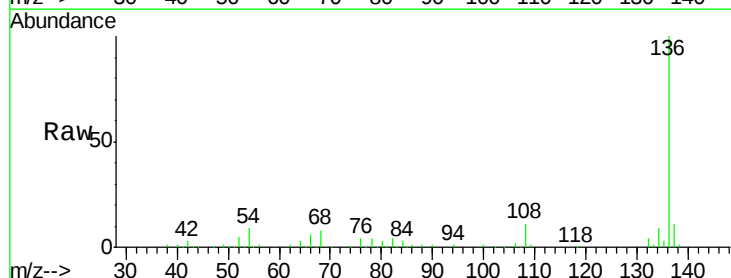
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.0 6.2 9.4

68 7.7 5.0 7.6#

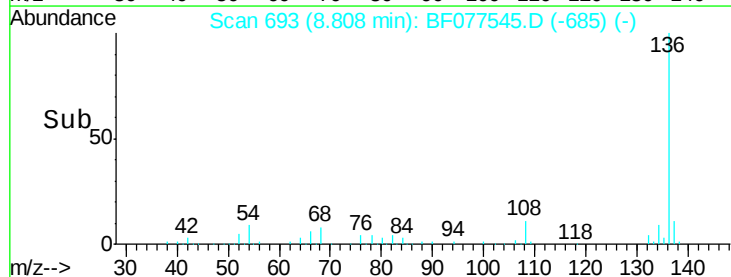
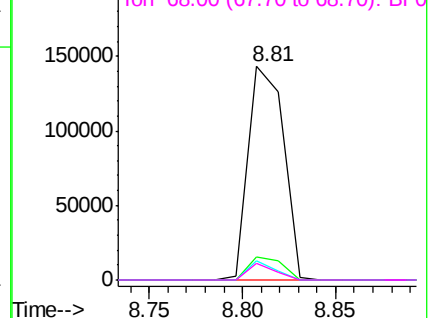


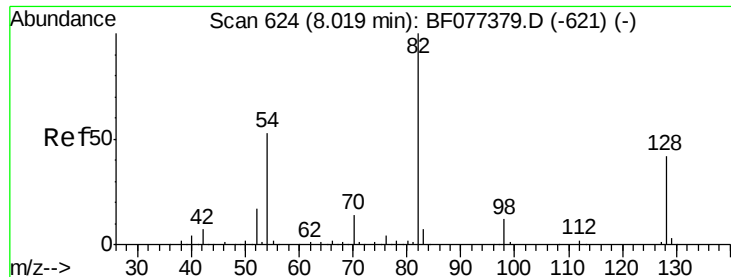
Abundance Ion 136.00 (135.70 to 136.70): E

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

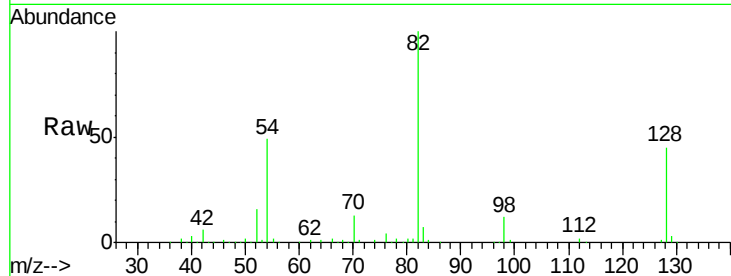




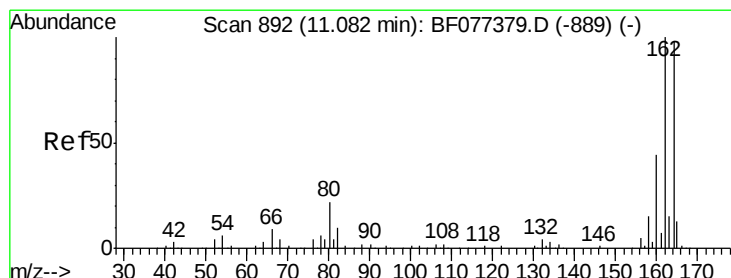
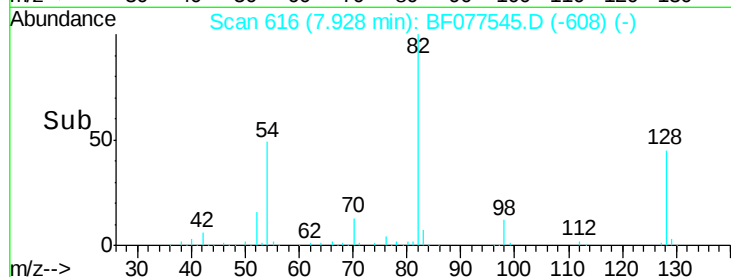
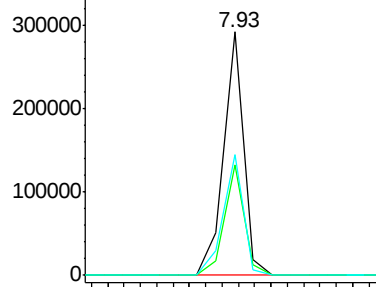
#23
 Nitrobenzene-d5
 Concen: 82.69 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BL

Tgt Ion: 82 Resp: 250139
 Ion Ratio Lower Upper
 82 100
 128 45.3 43.8 65.8
 54 49.4 36.7 55.1

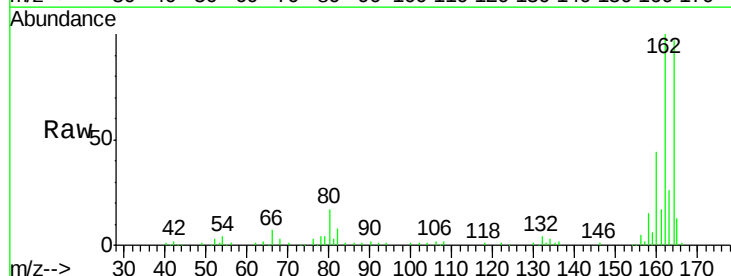


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

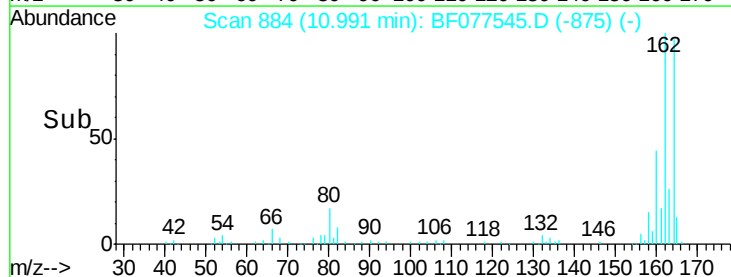
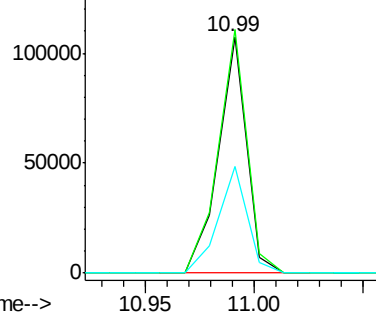


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Tgt Ion: 164 Resp: 96531
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.2 124.8
 160 45.3 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

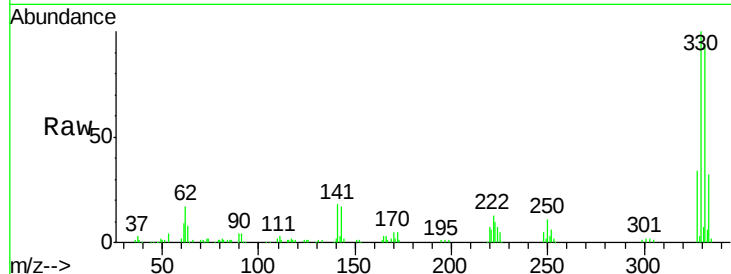




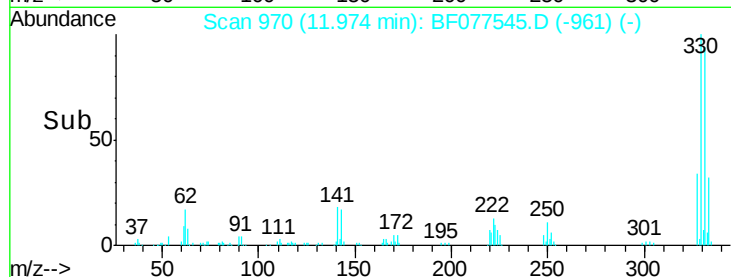
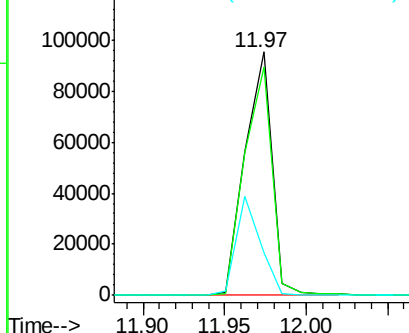
#41
 2,4,6-Tribromophenol
 Concen: 117.82 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BL

Tgt Ion:330 Resp: 109512
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 36.5 28.8 43.2

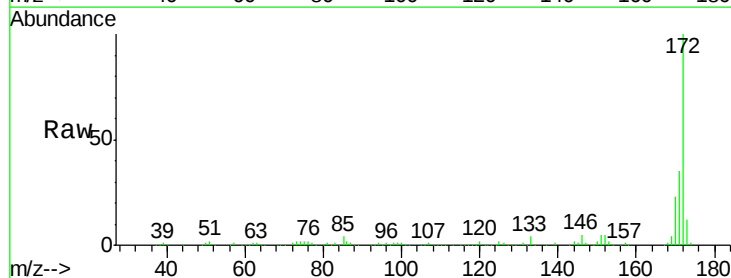


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

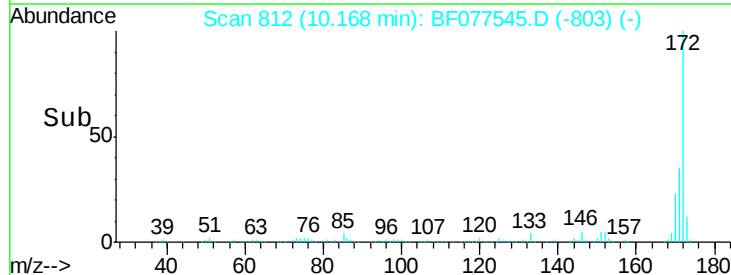
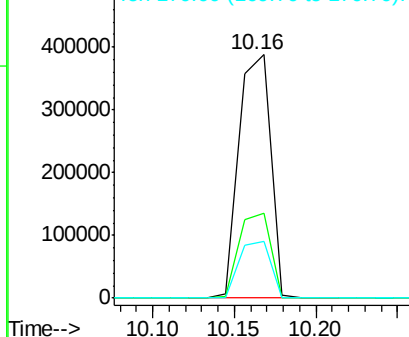


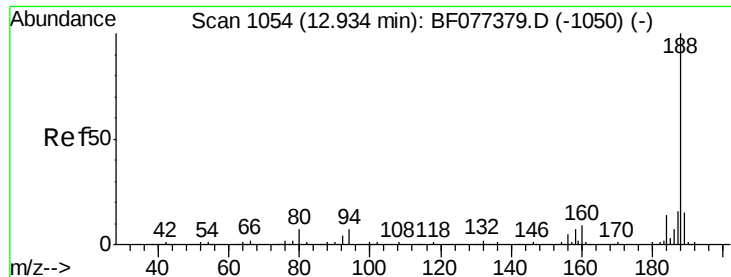
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Tgt Ion:172 Resp: 520152
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.1 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

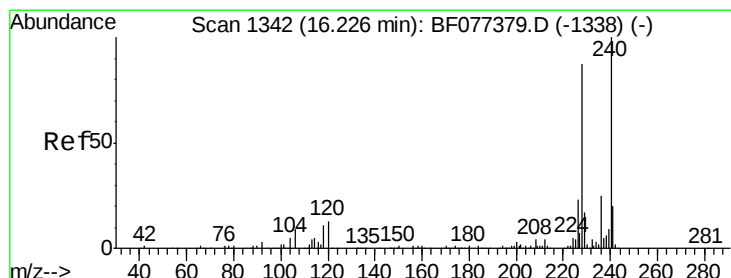
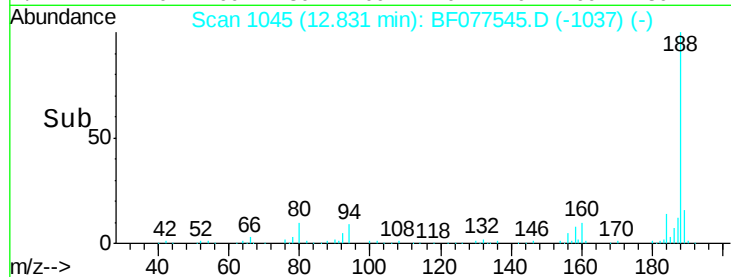
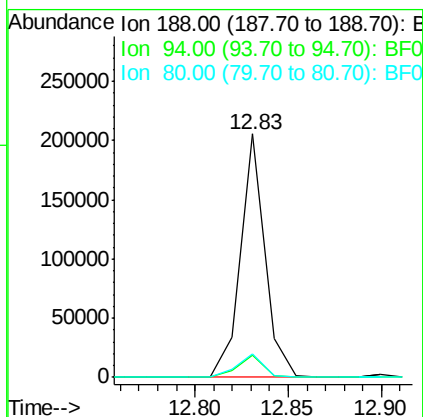
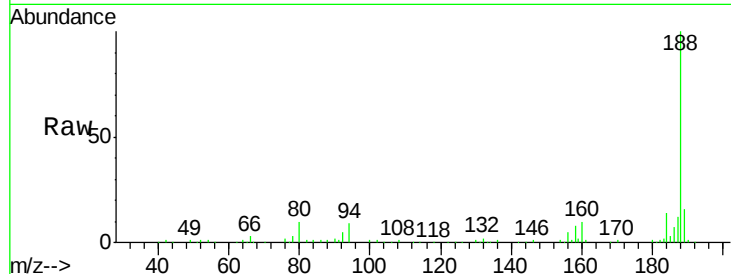




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077545.D
Acq: 3 Mar 2015 15:00

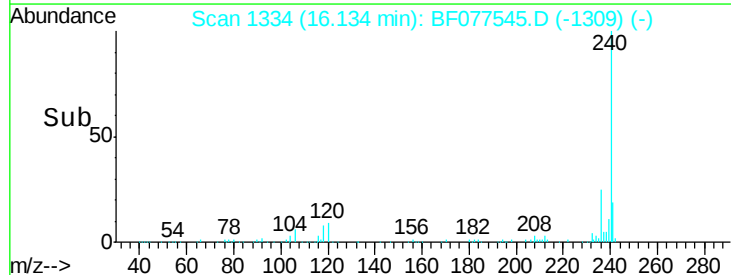
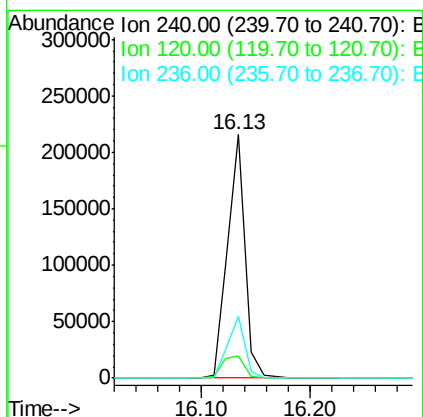
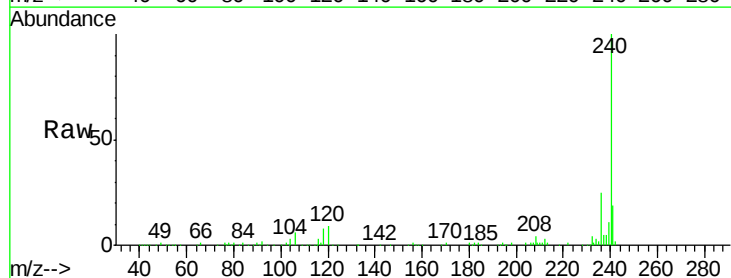
Instrument :
BNA_F
ClientSampled :
PB81936BL

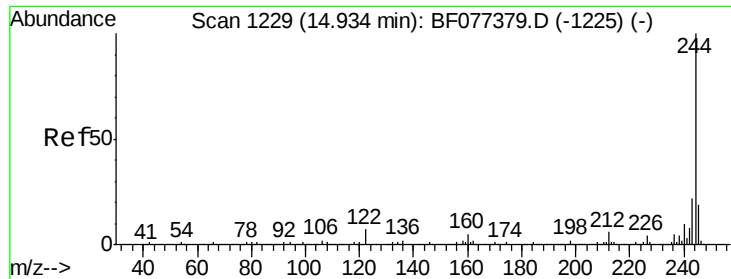
Tgt Ion:188 Resp: 188291
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF077545.D
Acq: 3 Mar 2015 15:00

Tgt Ion:240 Resp: 237760
Ion Ratio Lower Upper
240 100
120 8.9 8.8 13.2
236 25.3 20.7 31.1

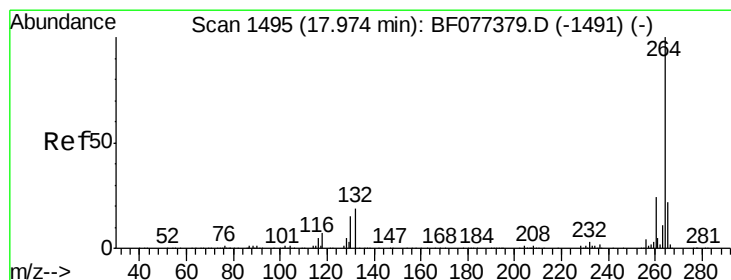
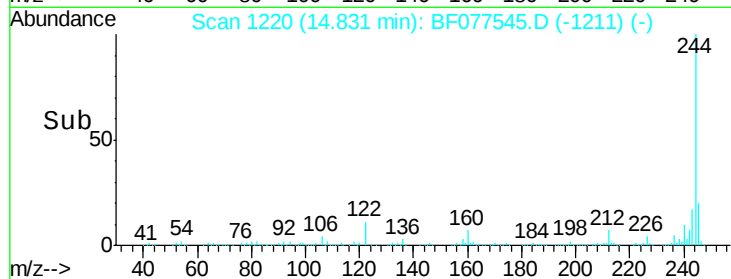
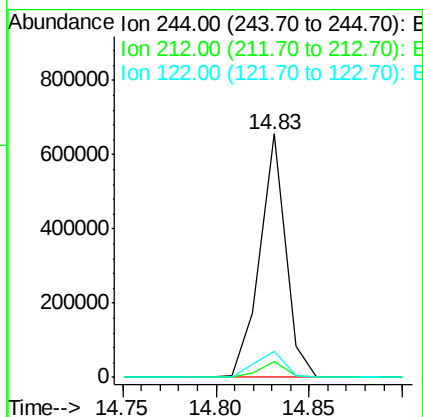
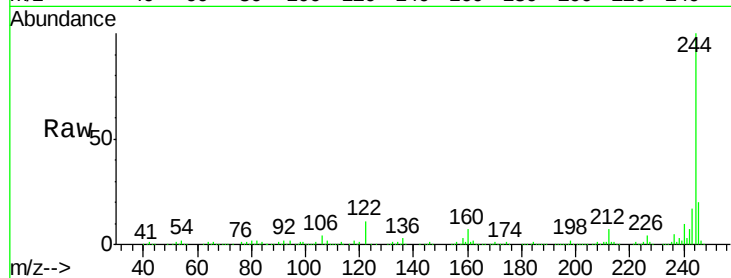




#78
 Terphenyl-d14
 Concen: 62.02 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BL

Tgt Ion:244 Resp: 630721
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.93 min Scan# 1491
 Delta R.T. -0.05 min
 Lab File: BF077545.D
 Acq: 3 Mar 2015 15:00

Tgt Ion:264 Resp: 198960
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 20.9 16.8 25.2

