

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081806.D
 Acq On : 25 Sep 2015 16:44
 Operator : UM/IZ
 Sample : PB85698BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Quant Time: Sep 26 00:45:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	161291	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	620973	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	335187	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	657472	20.00	ng	0.00
75) Chrysene-d12	14.12	240	601522	20.00	ng	0.00
86) Perylene-d12	15.58	264	444503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	616088	64.62	ng	0.00
7) Phenol-d6	6.56	99	733877	60.86	ng	-0.01
23) Nitrobenzene-d5	7.51	82	670351	71.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	195049	67.03	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1448282	70.93	ng	0.00
78) Terphenyl-d14	13.06	244	1410170	53.55	ng	0.00

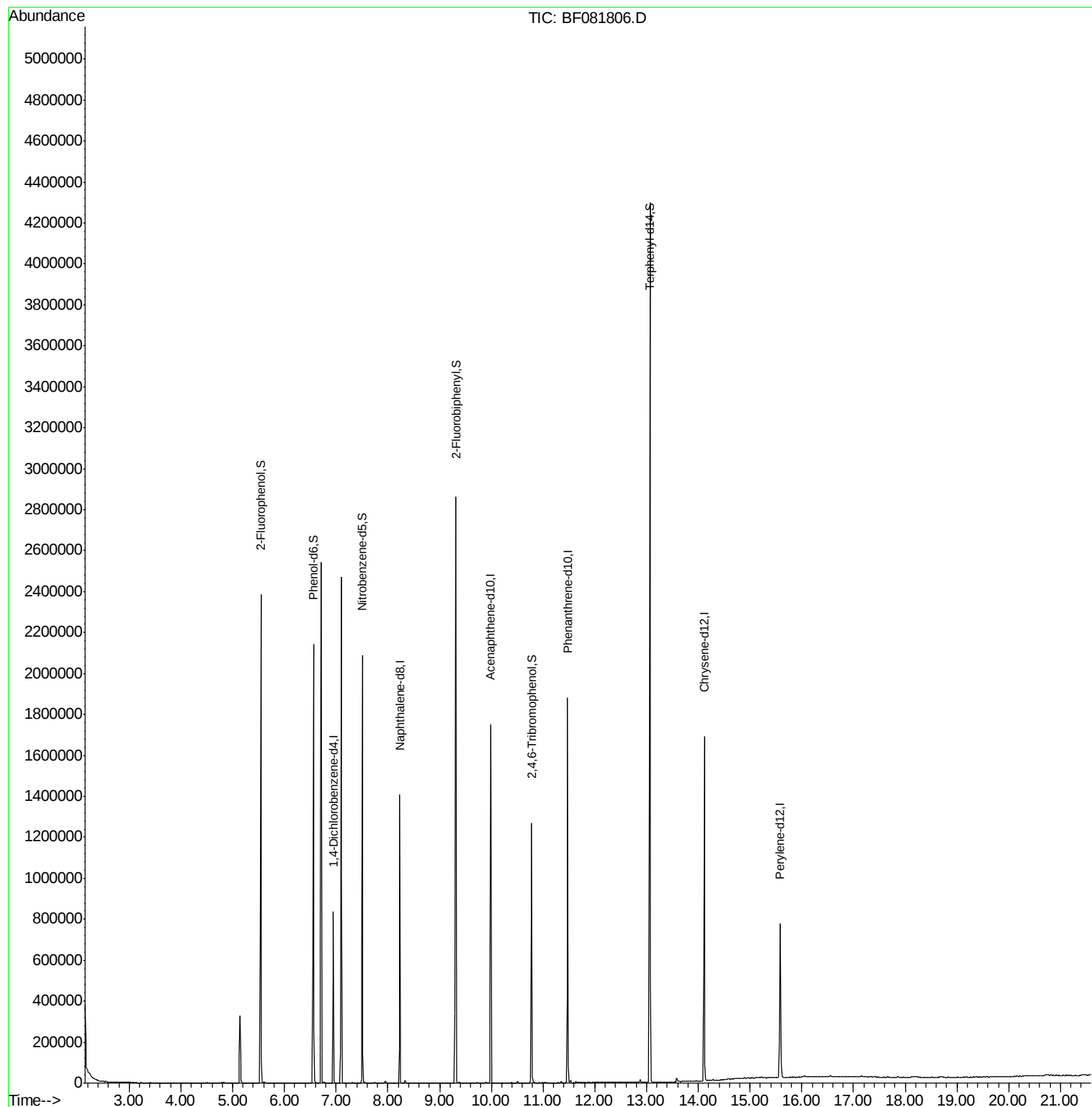
Target Compounds	Qvalue
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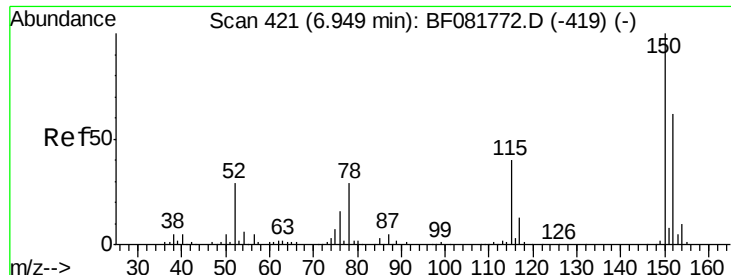
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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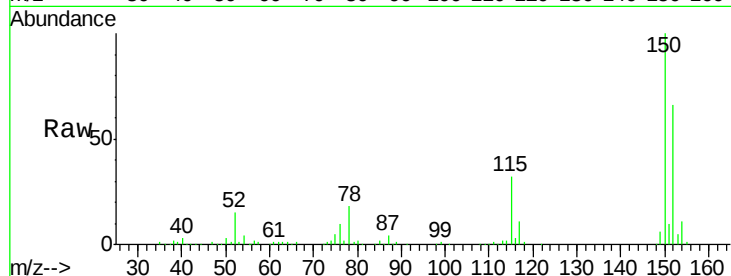




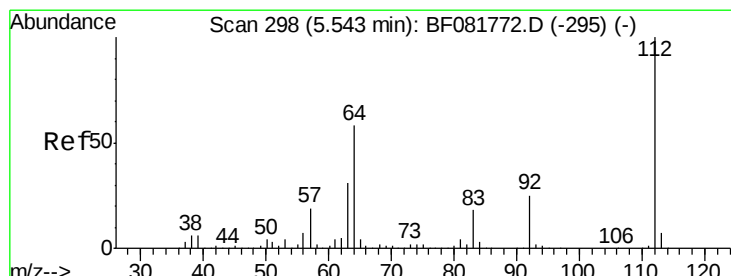
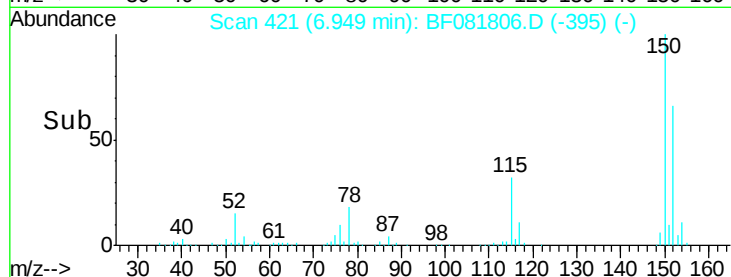
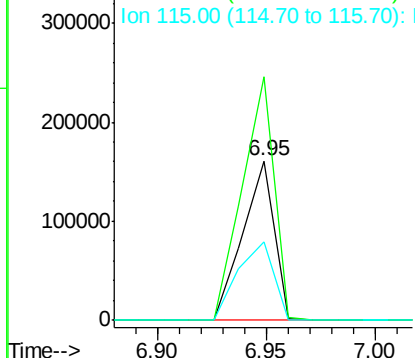
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Tgt Ion:152 Resp: 161291
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.7 187.1
 115 49.5 39.0 58.4

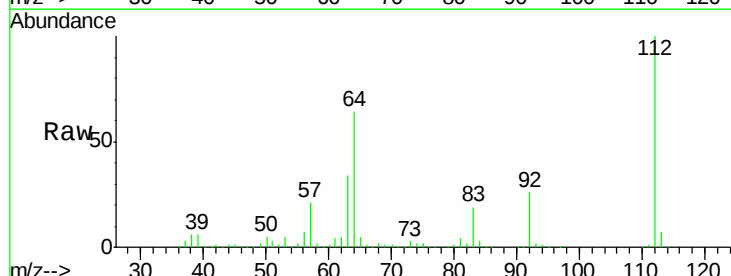


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

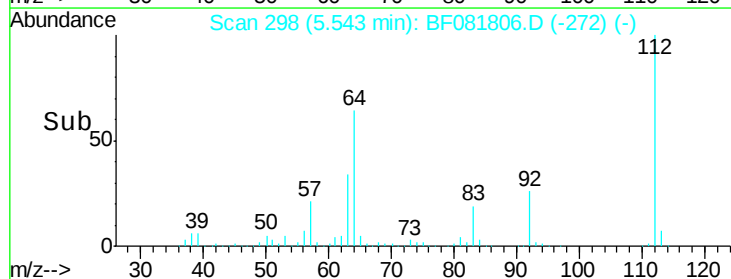
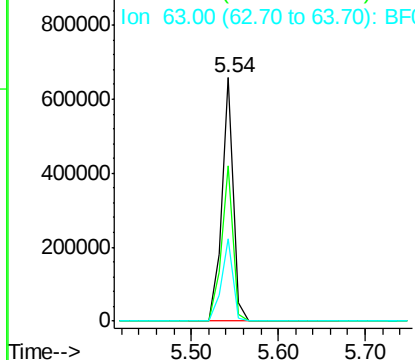


#5
 2-Fluorophenol
 Concen: 64.62 ng
 RT: 5.54 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Tgt Ion:112 Resp: 616088
 Ion Ratio Lower Upper
 112 100
 64 63.8 39.7 59.5#
 63 33.8 17.4 26.0#



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: 60.86 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

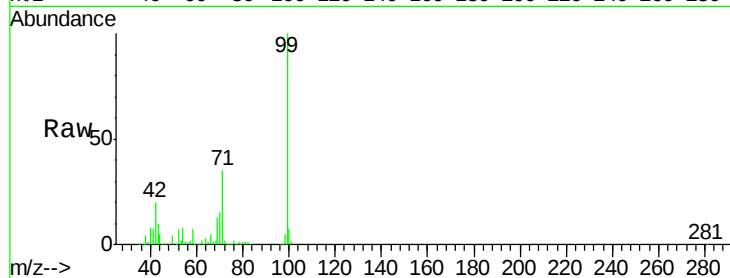
Tgt Ion: 99 Resp: 733877

Ion Ratio Lower Upper

99 100

42 20.3 13.7 20.5

71 34.6 14.2 21.2#



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

1000000

800000

600000

400000

200000

0

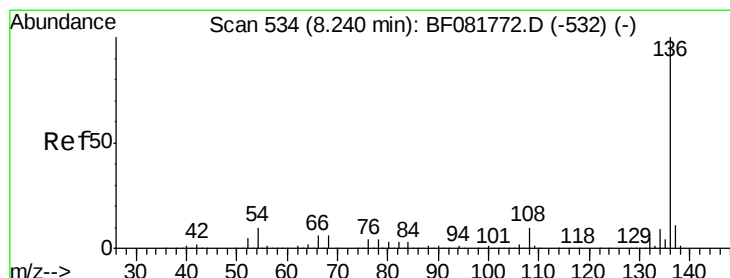
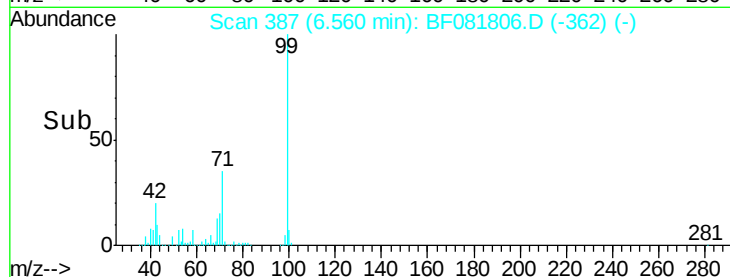
6.56

6.50

6.60

6.70

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Tgt Ion: 136 Resp: 620973

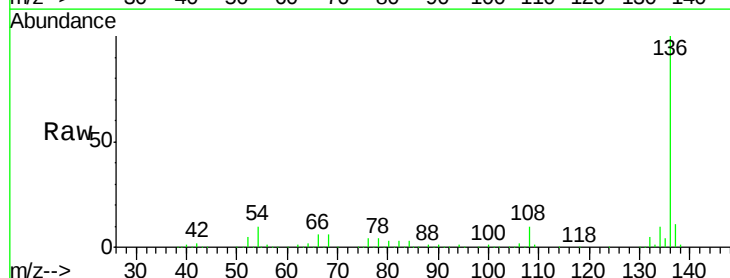
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.6 8.2 12.2

68 6.3 5.8 8.6



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

1000000

800000

600000

400000

200000

0

8.23

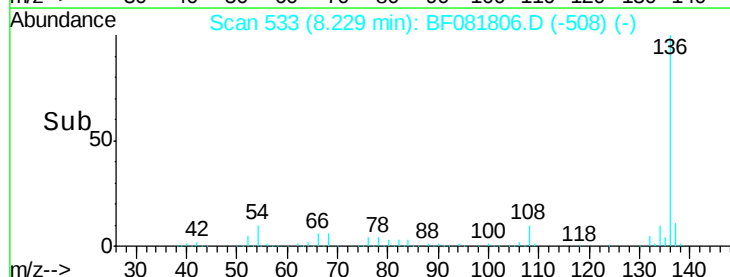
8.15

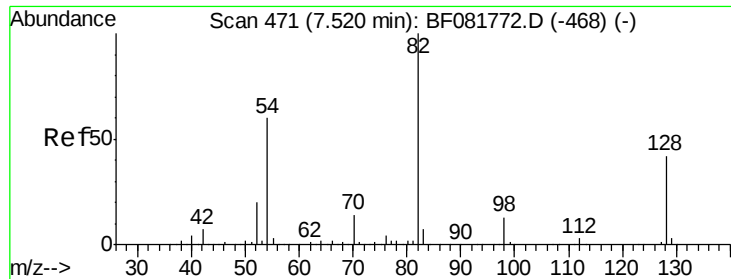
8.20

8.25

8.30

Time-->

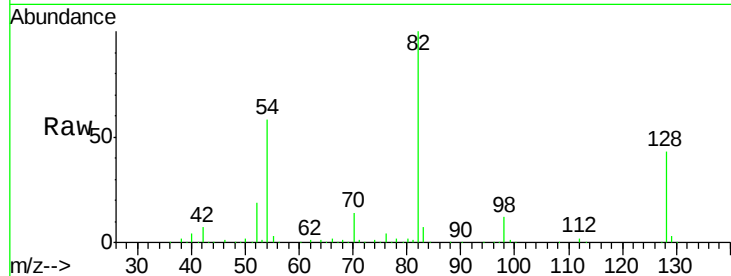




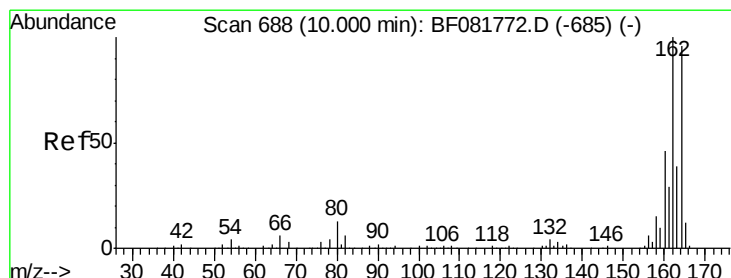
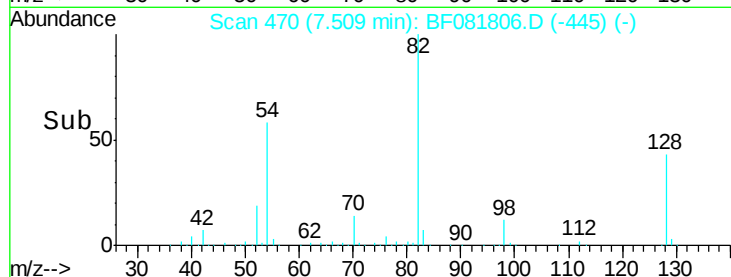
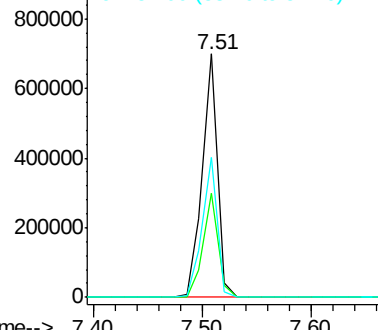
#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Tgt Ion: 82 Resp: 670351
 Ion Ratio Lower Upper
 82 100
 128 42.5 51.0 76.6#
 54 57.7 47.5 71.3

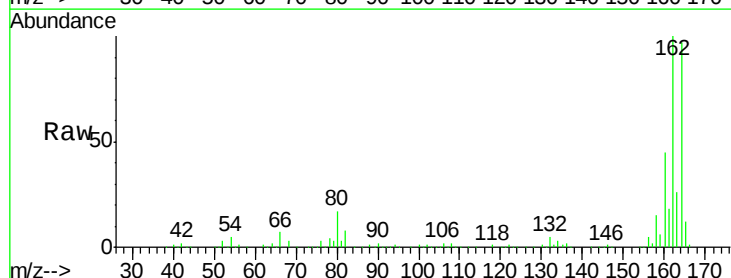


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

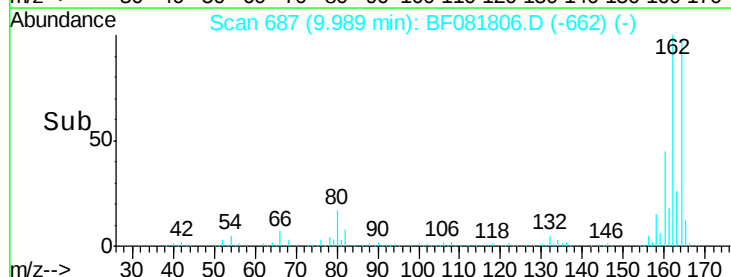
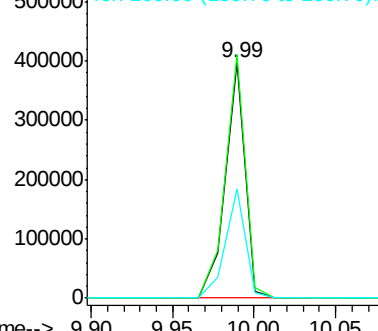


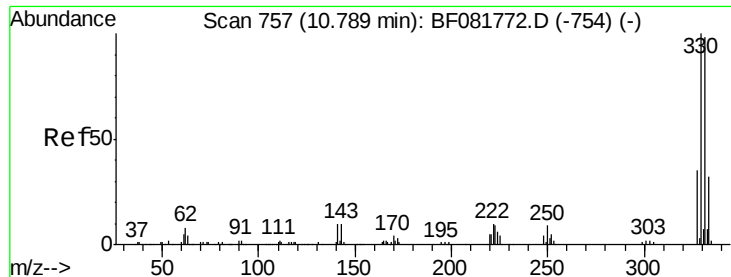
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Tgt Ion: 164 Resp: 335187
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 46.1 31.5 47.3



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

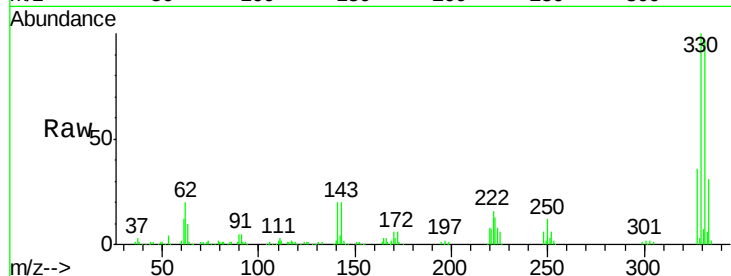




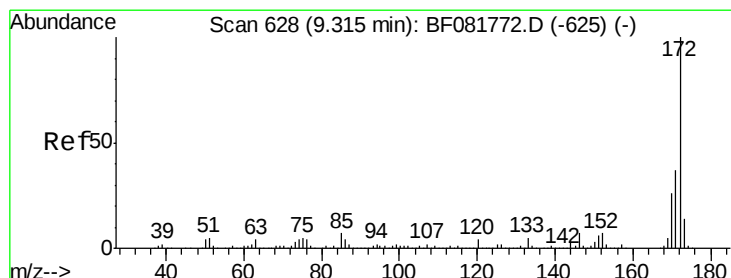
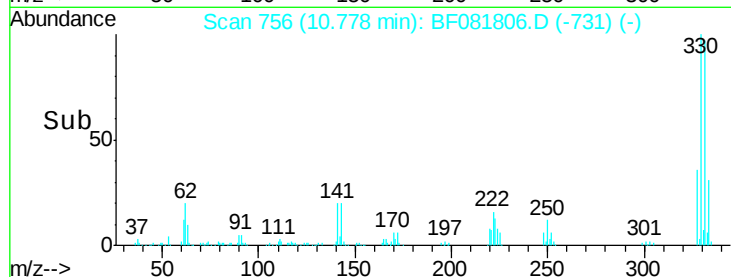
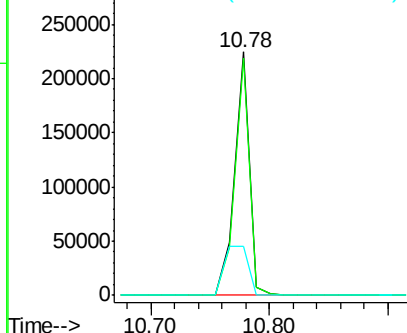
#41
 2,4,6-Tribromophenol
 Concen: 67.03 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Tgt Ion:330 Resp: 195049
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 32.6 29.7 44.5

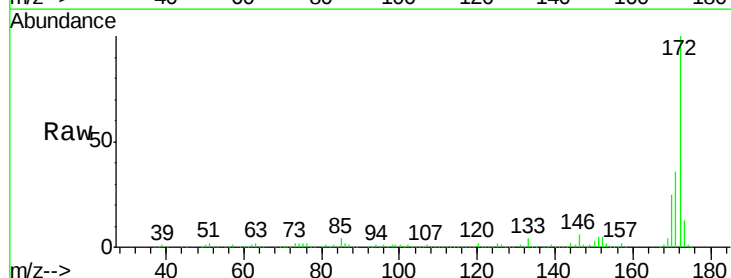


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

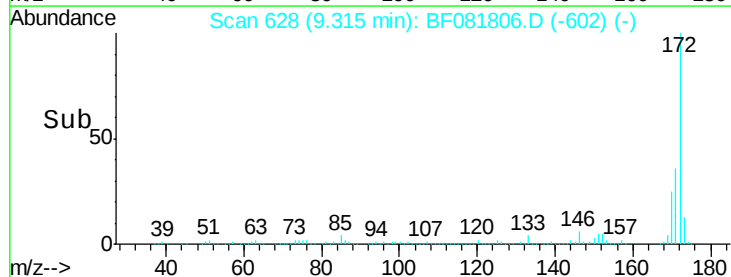
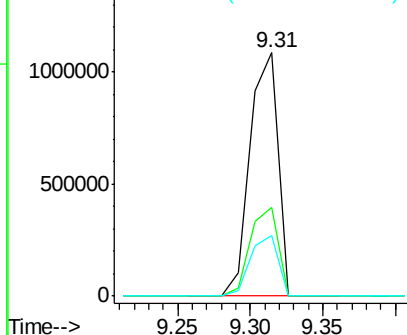


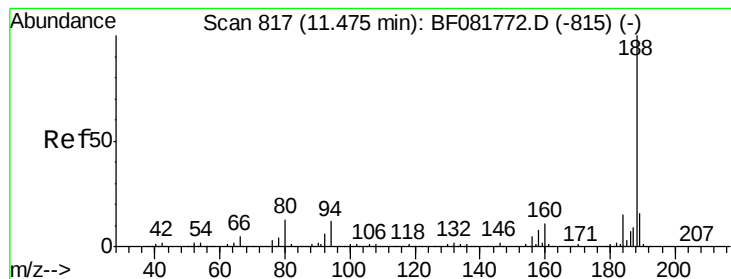
#44
 2-Fluorobiphenyl
 Concen: 70.93 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Tgt Ion:172 Resp: 1448282
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.6 17.4 26.2



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: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85698BL

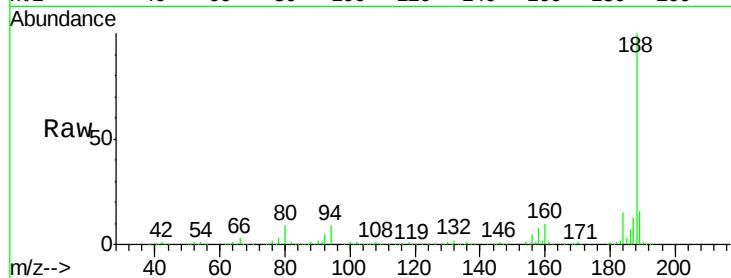
Tgt Ion:188 Resp: 657472

Ion Ratio Lower Upper

188 100

94 8.7 11.1 16.7#

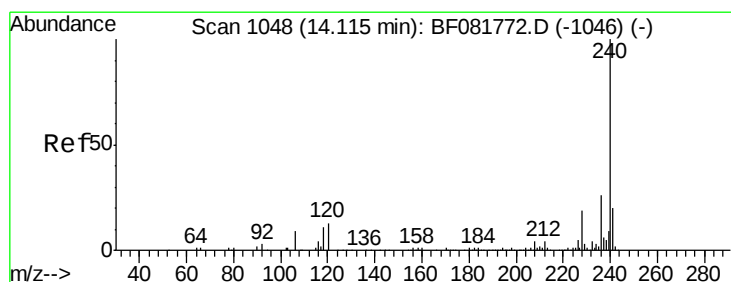
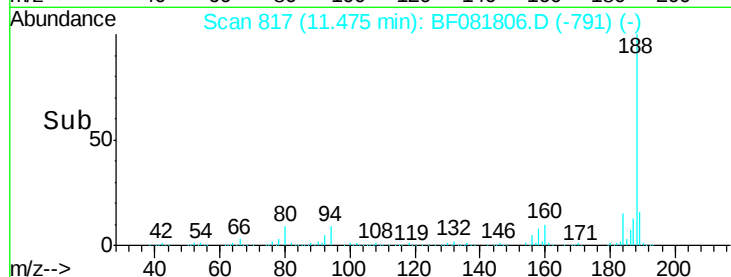
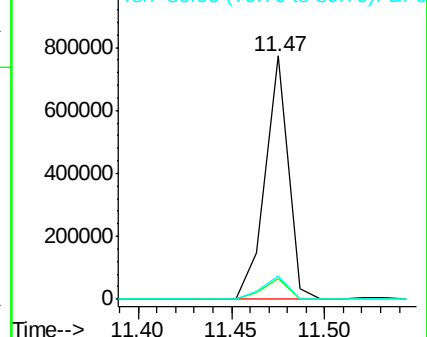
80 9.4 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081806.D

Acq: 25 Sep 2015 16:44

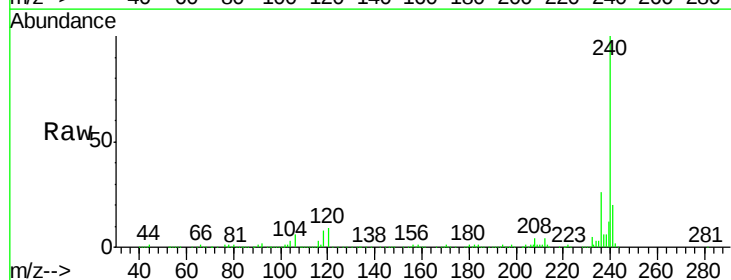
Tgt Ion:240 Resp: 601522

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

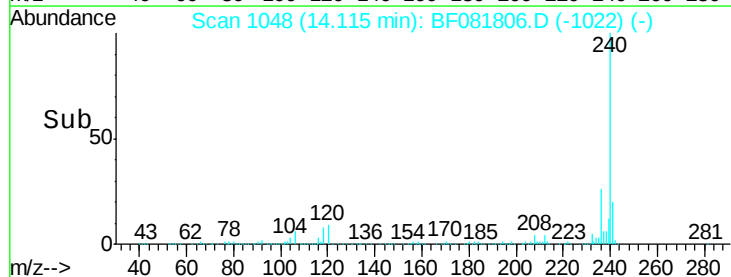
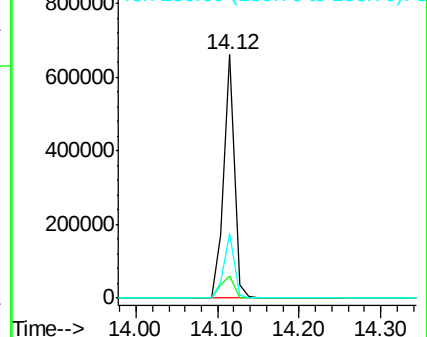
236 26.4 18.4 27.6

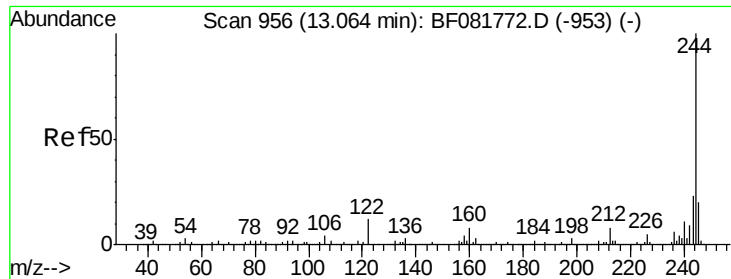


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

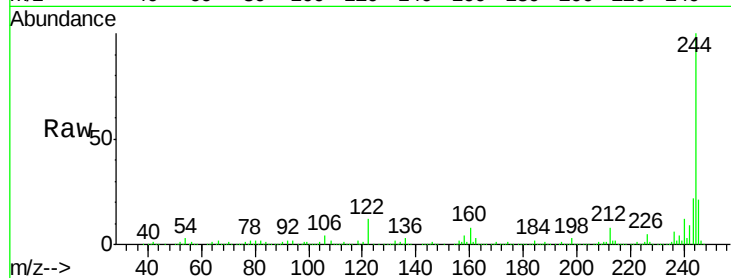




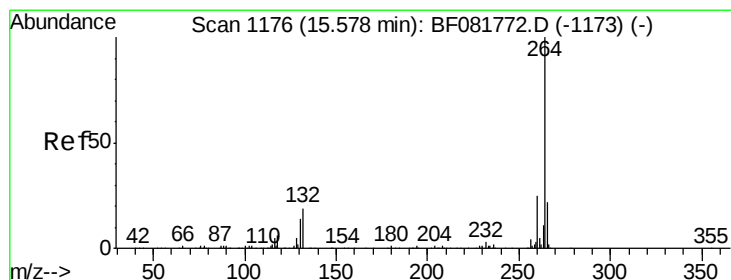
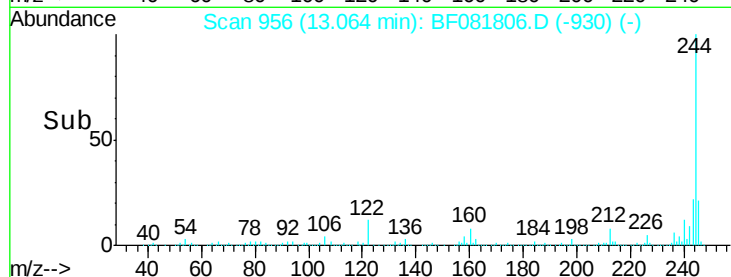
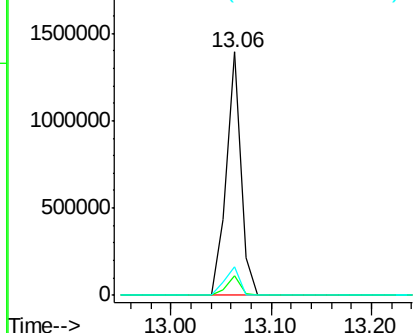
#78
 Terphenyl-d14
 Concen: 53.55 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85698BL

Tgt Ion: 244 Resp: 1410170
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.3 6.5#
 122 11.9 17.4 26.2#

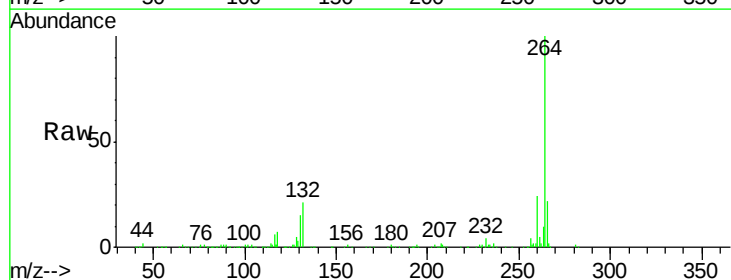


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081806.D
 Acq: 25 Sep 2015 16:44

Tgt Ion: 264 Resp: 444503
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 22.0 17.2 25.8



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

