

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080732.D
 Acq On : 31 Jul 2015 14:05
 Operator : TP/UM
 Sample : PB84695TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

Quant Time: Aug 01 01:23:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	166950	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	624966	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	305330	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	652425	20.00	ng	0.00
75) Chrysene-d12	14.00	240	426094	20.00	ng	0.00
86) Perylene-d12	15.41	264	336387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1073267	110.28	ng	0.02
7) Phenol-d6	6.49	99	1674034	126.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	994453	77.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	396648	125.19	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1736528	84.85	ng	-0.01
78) Terphenyl-d14	12.96	244	1820055	80.79	ng	0.00

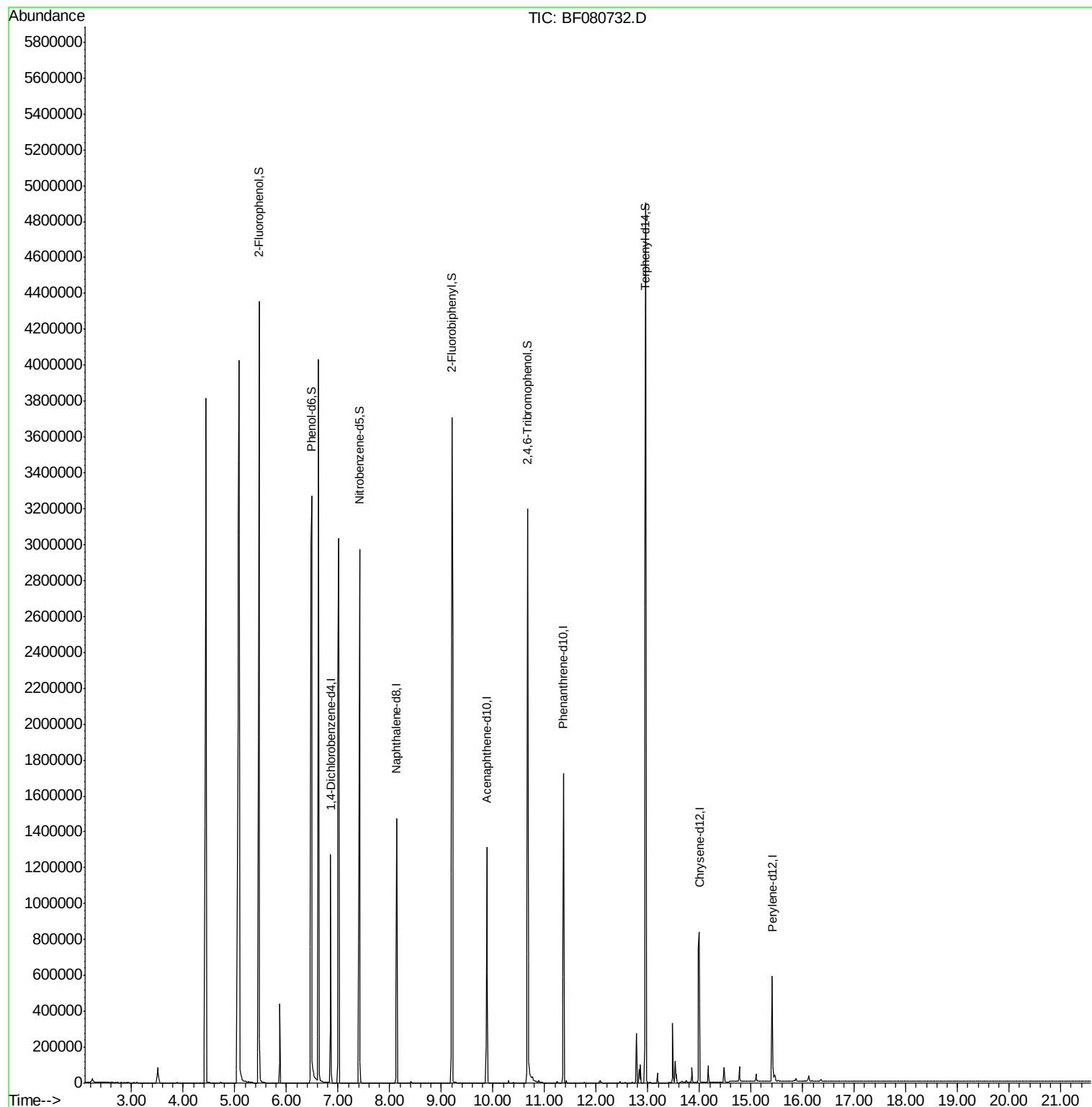
Target Compounds	Qvalue
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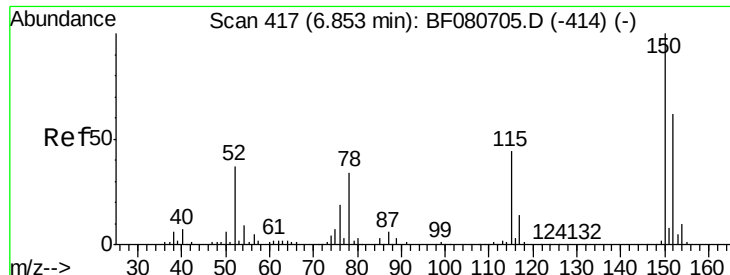
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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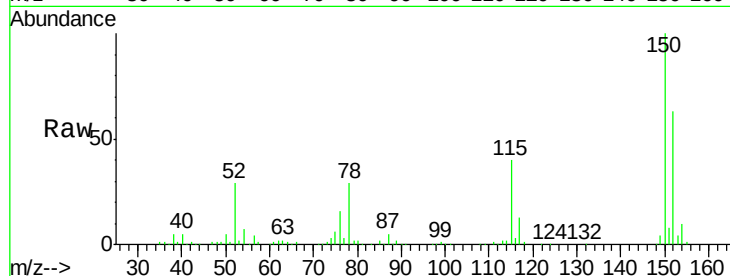


#1

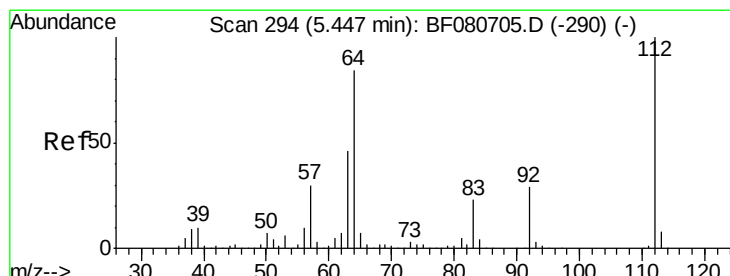
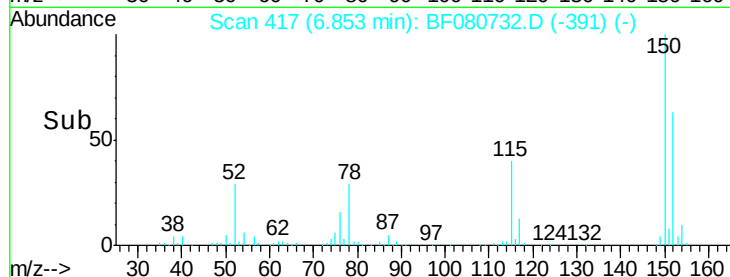
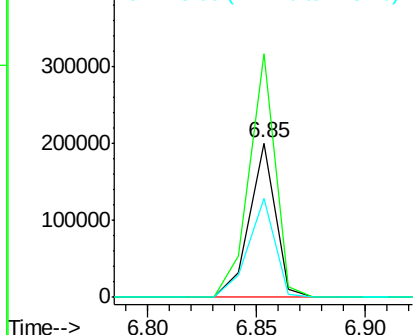
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB84695TB

Tgt Ion:152 Resp: 166950
Ion Ratio Lower Upper
152 100
150 157.5 129.6 194.4
115 63.7 56.6 85.0



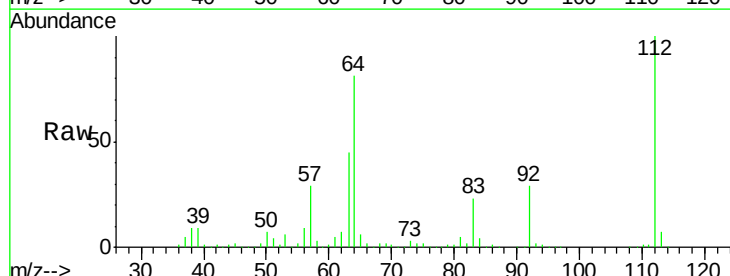
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



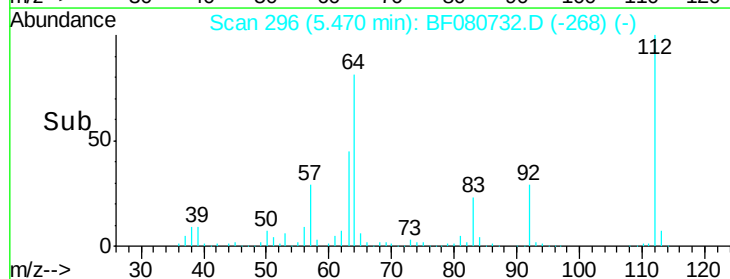
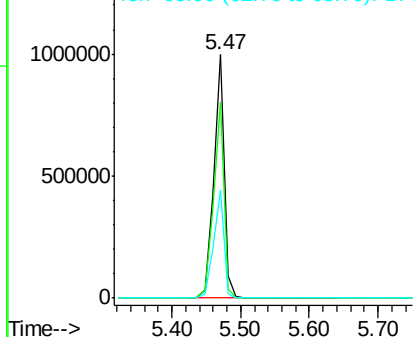
#5

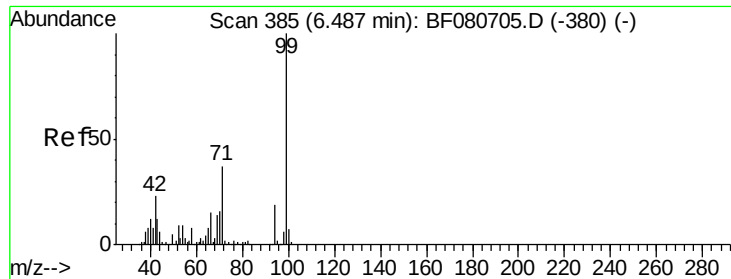
2-Fluorophenol
Concen: 110.28 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

Tgt Ion:112 Resp: 1073267
Ion Ratio Lower Upper
112 100
64 80.6 66.8 100.2
63 44.5 36.7 55.1



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: 126.35 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84695TB

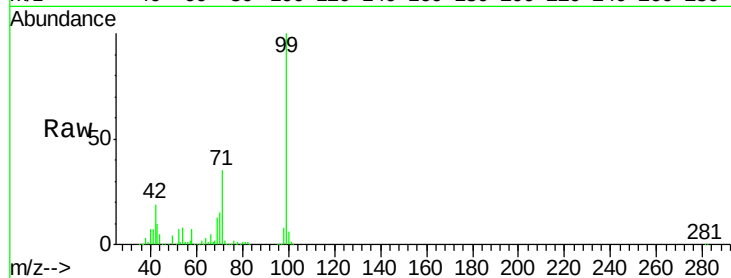
Tgt Ion: 99 Resp: 1674034

Ion Ratio Lower Upper

99 100

42 18.9 18.2 27.2

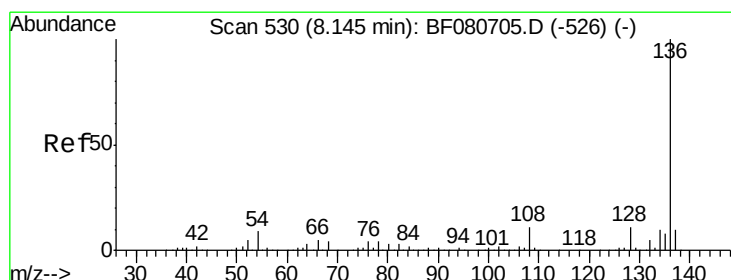
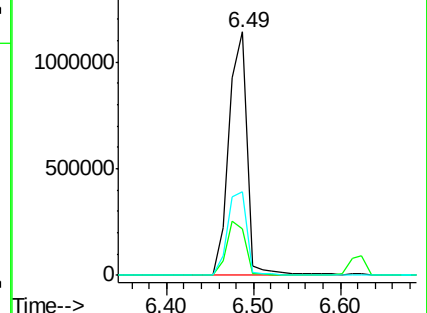
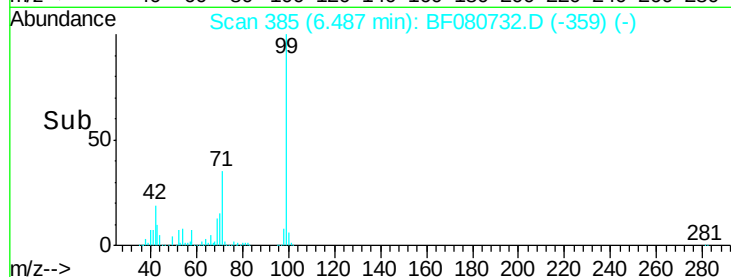
71 34.5 29.5 44.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Tgt Ion: 136 Resp: 624966

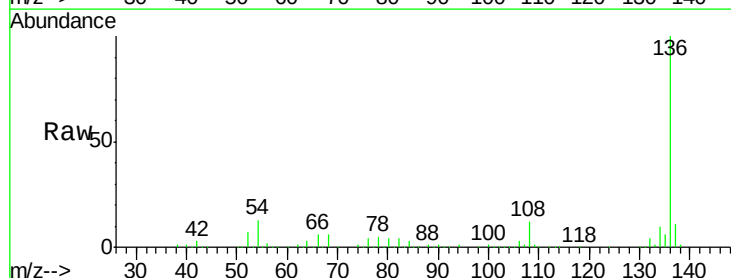
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.5 6.9 10.3#

68 5.6 3.5 5.3#

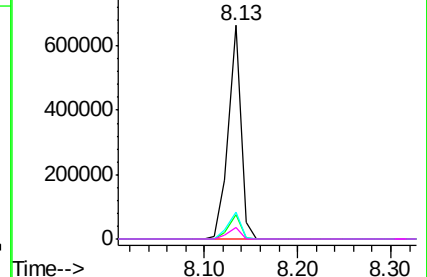
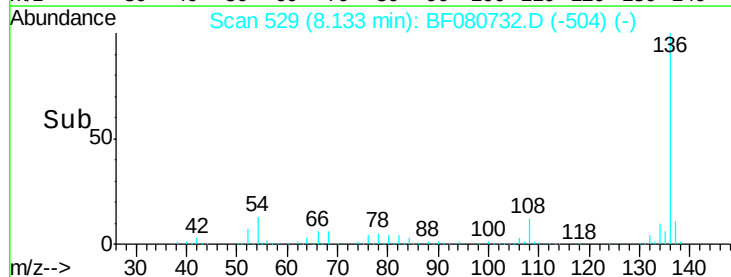


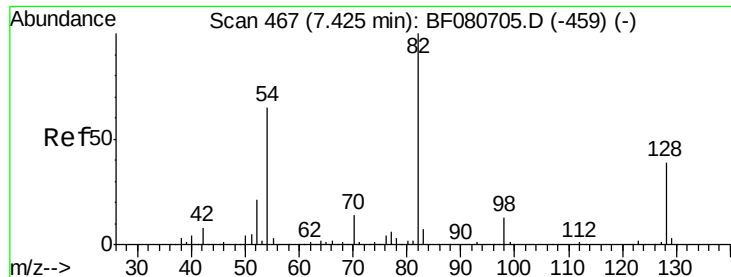
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.06 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84695TB

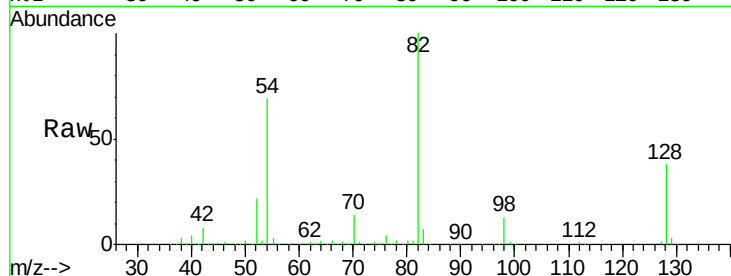
Tgt Ion: 82 Resp: 994453

Ion Ratio Lower Upper

82 100

128 37.5 31.5 47.3

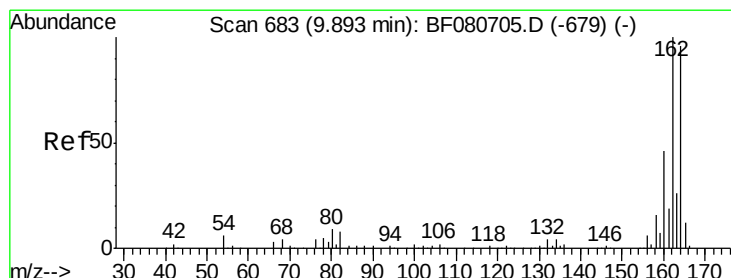
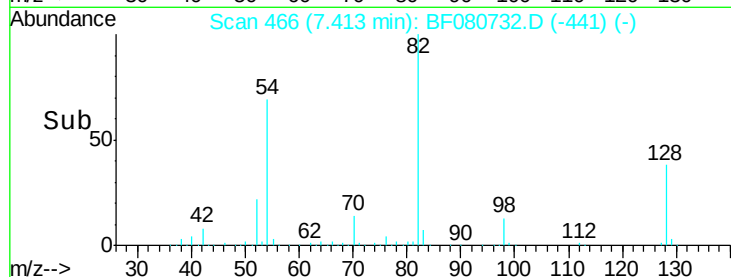
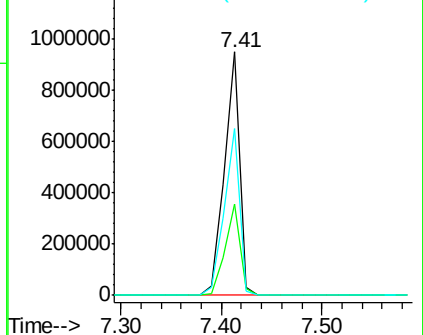
54 68.6 51.8 77.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

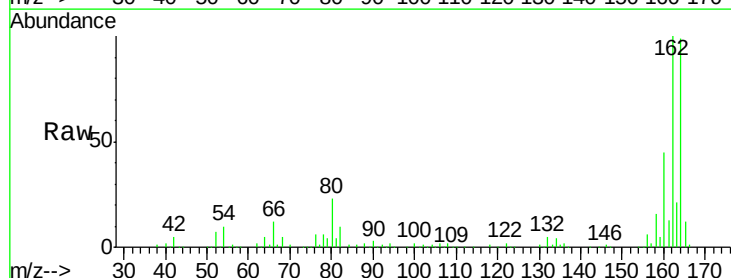
Tgt Ion: 164 Resp: 305330

Ion Ratio Lower Upper

164 100

162 101.3 83.4 125.0

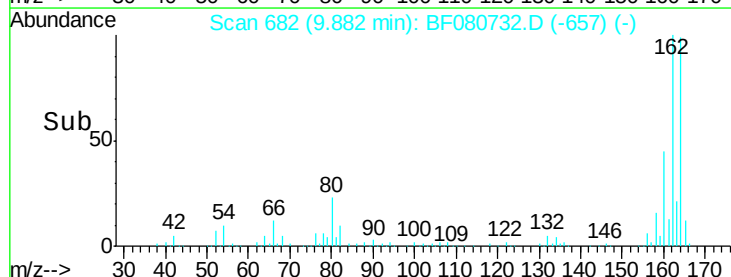
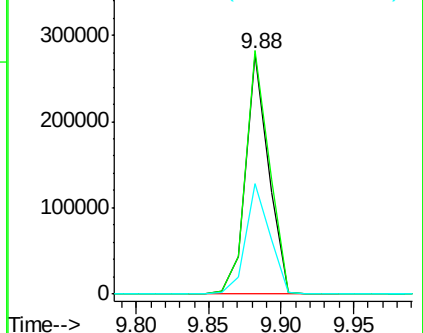
160 45.9 38.0 57.0

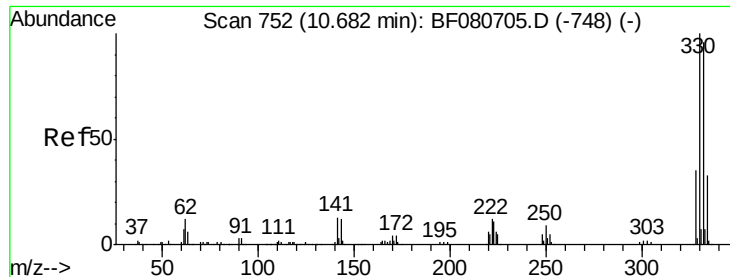


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

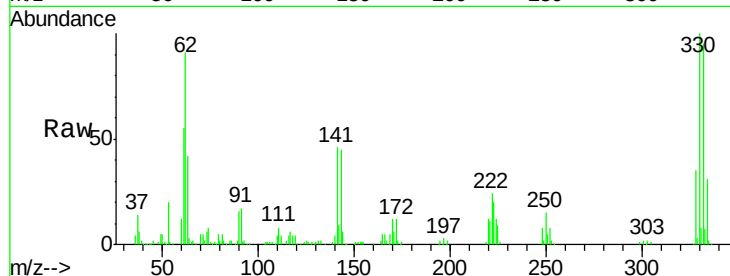




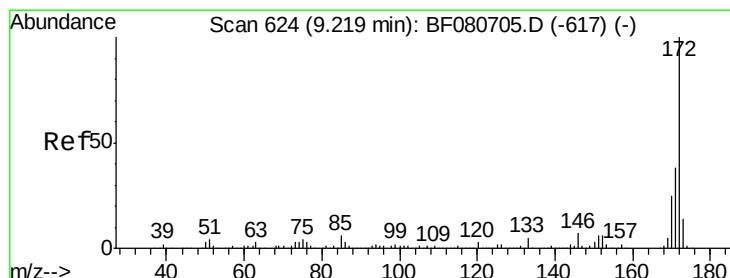
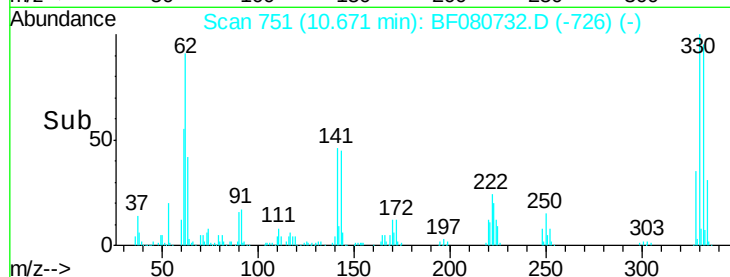
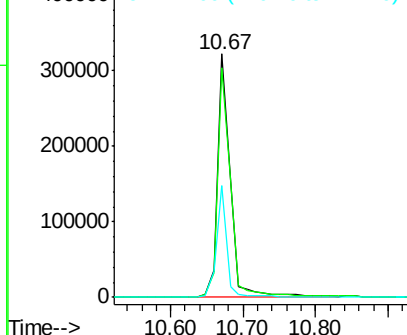
#41
 2,4,6-Tribromophenol
 Concen: 125.19 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84695TB

Tgt Ion:330 Resp: 396648
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 38.6 26.0 39.0

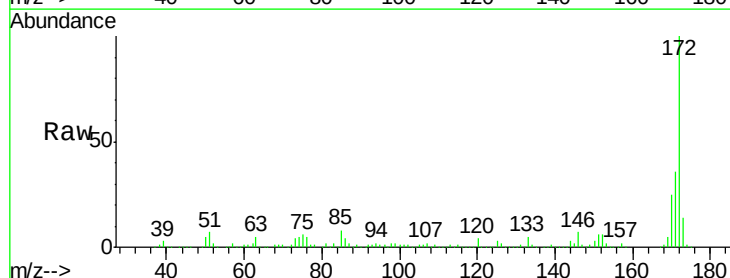


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

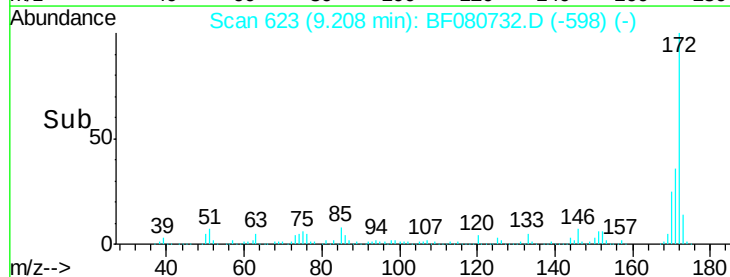
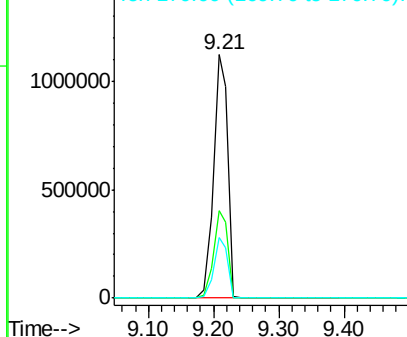


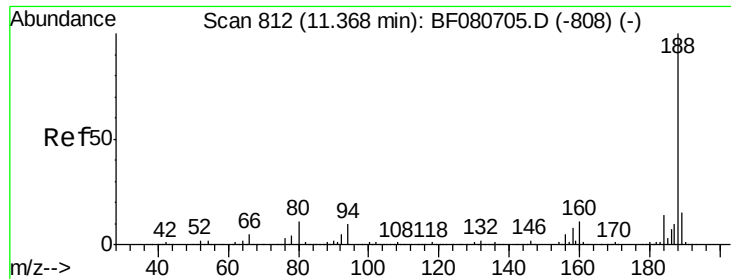
#44
 2-Fluorobiphenyl
 Concen: 84.85 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080732.D
 Acq: 31 Jul 2015 14:05

Tgt Ion:172 Resp: 1736528
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.2 45.4
 170 25.0 20.2 30.2



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

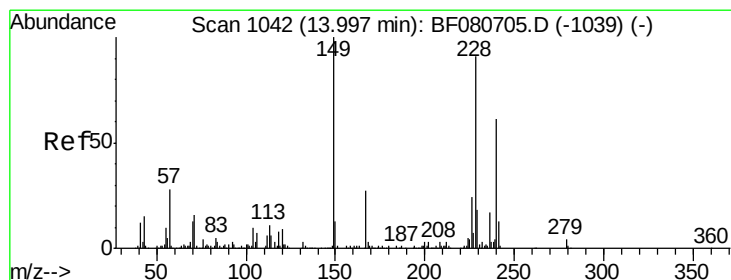
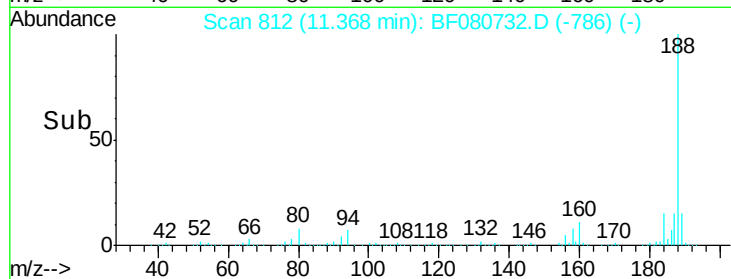
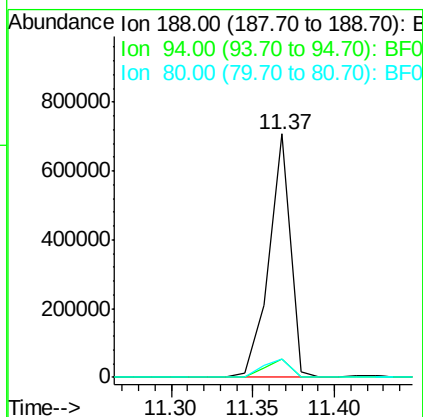
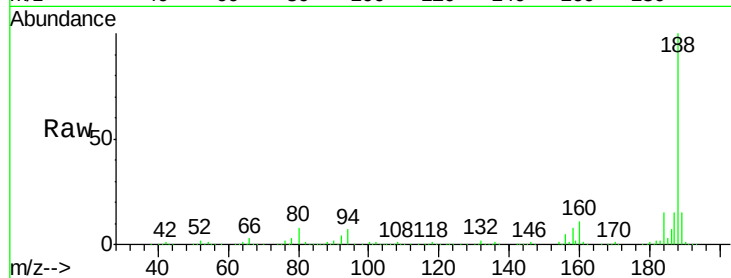




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

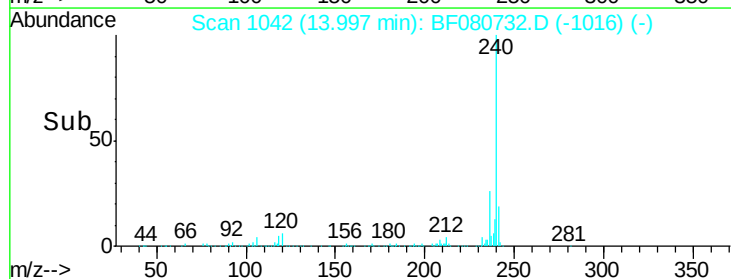
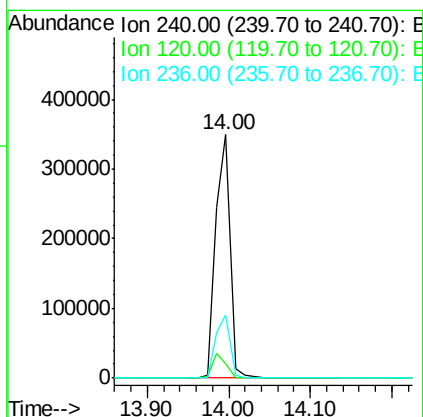
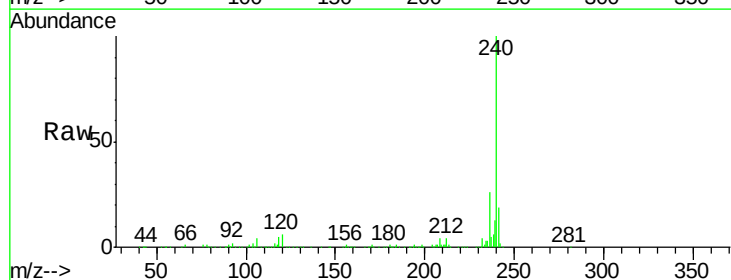
Instrument :
BNA_F
ClientSampleId :
PB84695TB

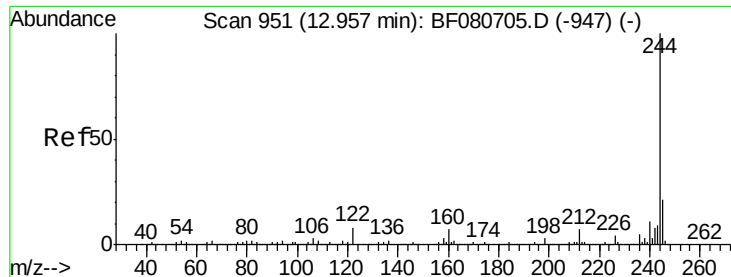
Tgt Ion:188 Resp: 652425
Ion Ratio Lower Upper
188 100
94 7.4 8.1 12.1#
80 7.7 9.1 13.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF080732.D
Acq: 31 Jul 2015 14:05

Tgt Ion:240 Resp: 426094
Ion Ratio Lower Upper
240 100
120 6.2 11.8 17.8#
236 26.0 21.8 32.8





#78

Terphenyl-d14

Concen: 80.79 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB84695TB

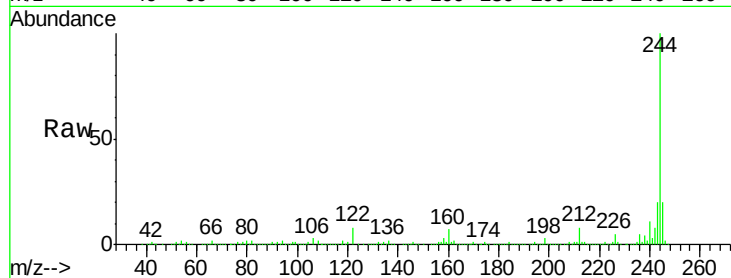
Tgt Ion:244 Resp: 1820055

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

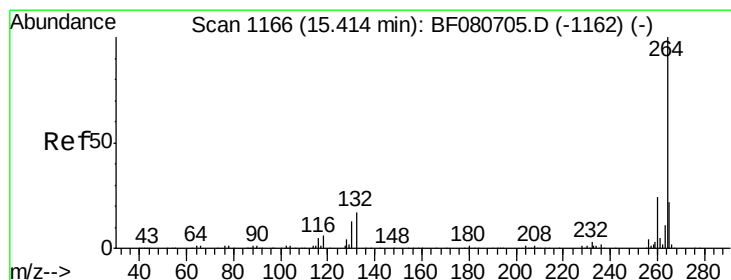
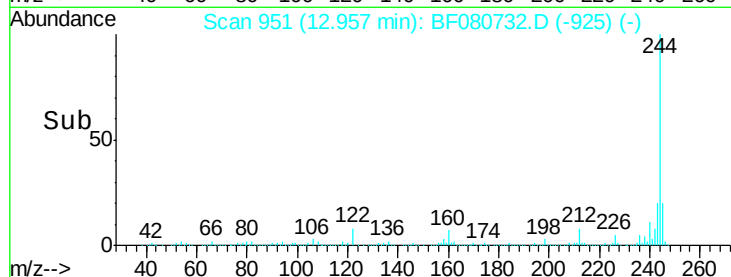
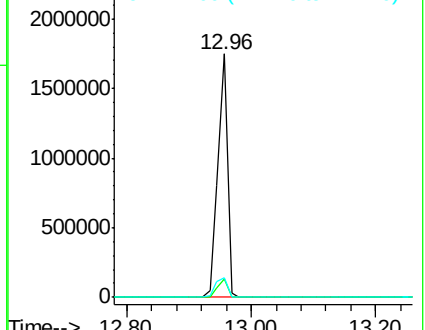
122 8.1 6.6 9.8



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: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF080732.D

Acq: 31 Jul 2015 14:05

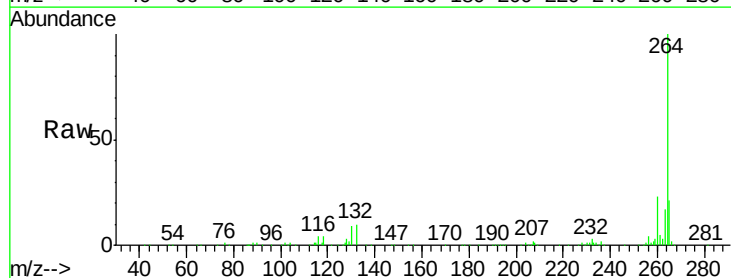
Tgt Ion:264 Resp: 336387

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

265 21.3 17.3 25.9



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

