

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084255.D
 Acq On : 5 Jan 2016 00:23
 Operator : UM/SJ
 Sample : PB87631BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BL

Quant Time: Jan 05 03:50:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	281653	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1166006	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	506431	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	868548	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	596783	20.00	ng	-0.01
86) Perylene-d12	15.49	264	554756	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2097235	120.44	ng	0.02
7) Phenol-d6	6.53	99	2401051	109.79	ng	0.00
23) Nitrobenzene-d5	7.46	82	1712199	81.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	573885	112.24	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2438795	84.69	ng	-0.01
78) Terphenyl-d14	13.00	244	1877640	70.23	ng	-0.01

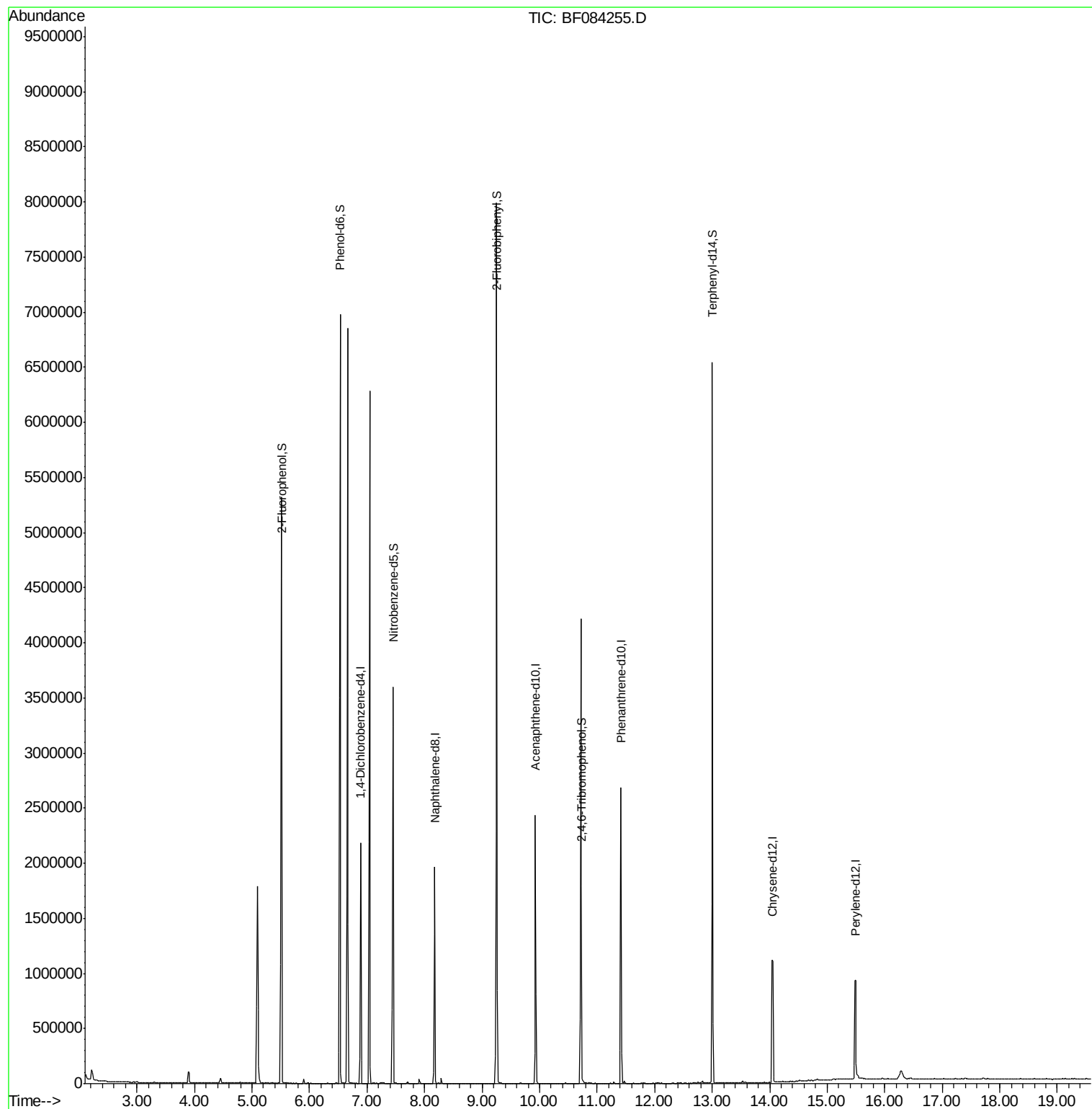
Target Compounds Qvalue

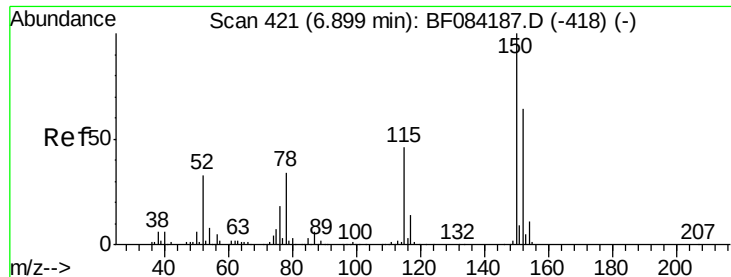
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084255.D
Acq On : 5 Jan 2016 00:23
Operator : UM/SJ
Sample : PB87631BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87631BL

Quant Time: Jan 05 03:50:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

PB87631BL

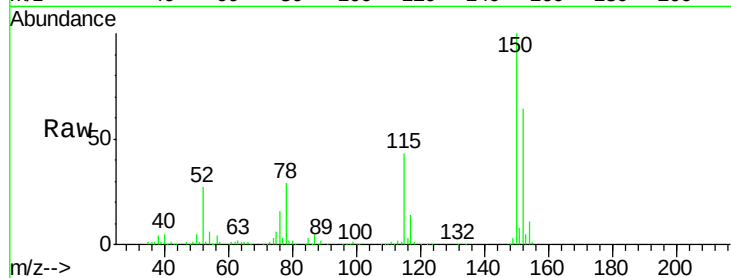
Tot Ion:152 Resp: 281653

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

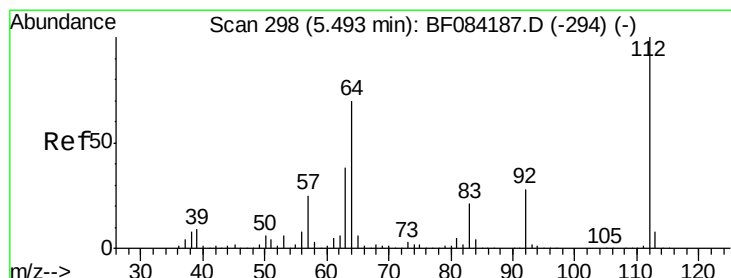
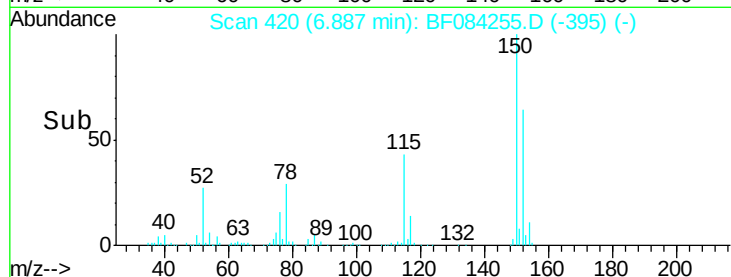
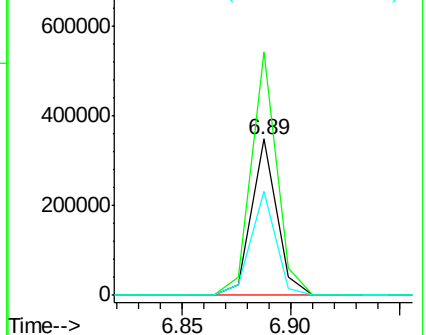
115 67.1 51.4 77.2



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: 120.44 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

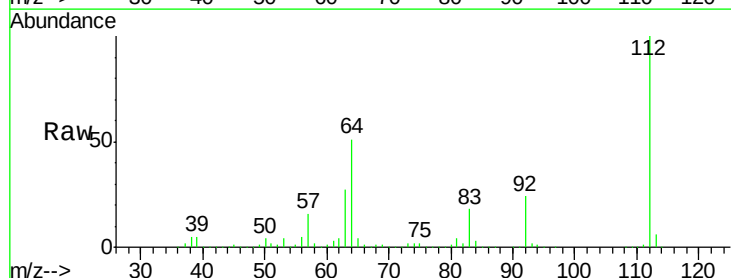
Tgt Ion:112 Resp: 2097235

Ion Ratio Lower Upper

112 100

64 50.5 36.6 55.0

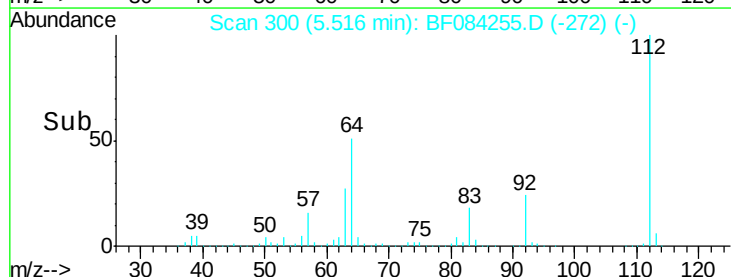
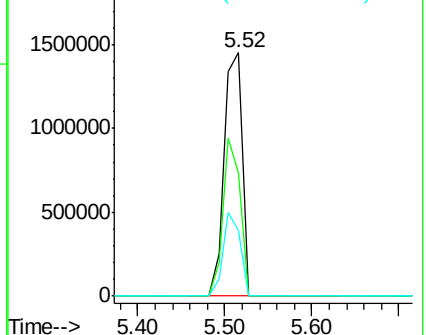
63 26.8 19.4 29.0

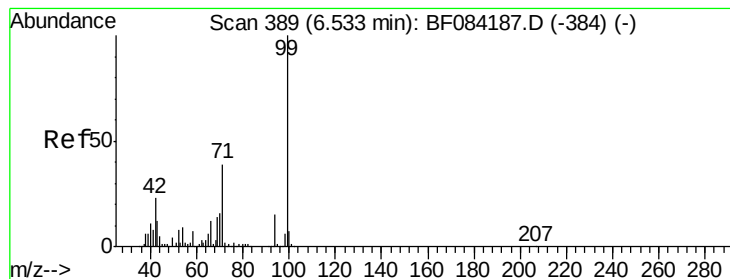


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.79 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

PB87631BL

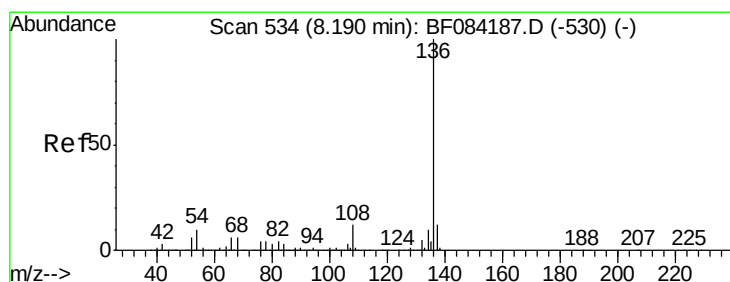
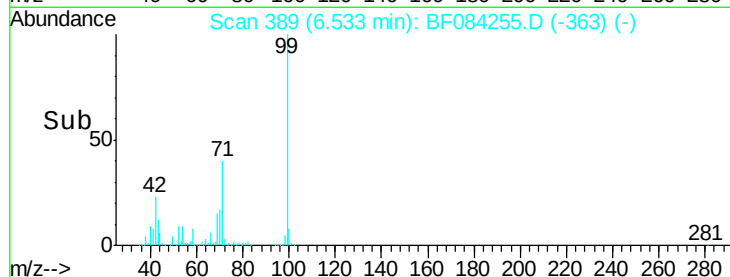
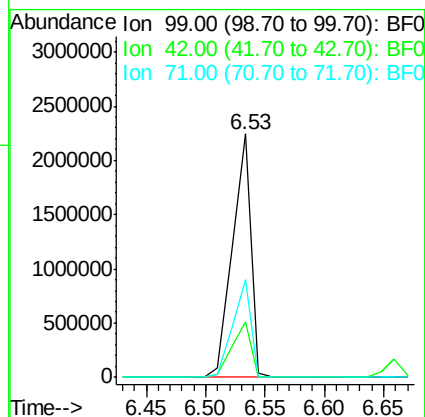
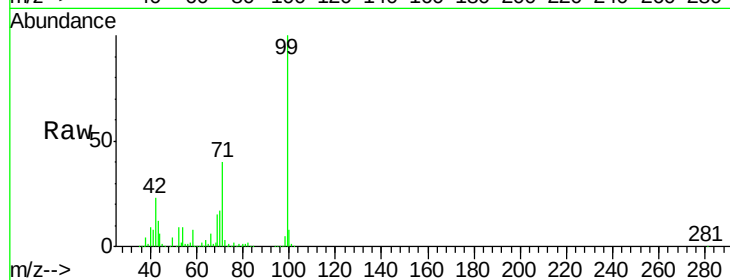
Tot Ion: 99 Resp: 2401051

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

71 40.0 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Tgt Ion: 136 Resp: 1166006

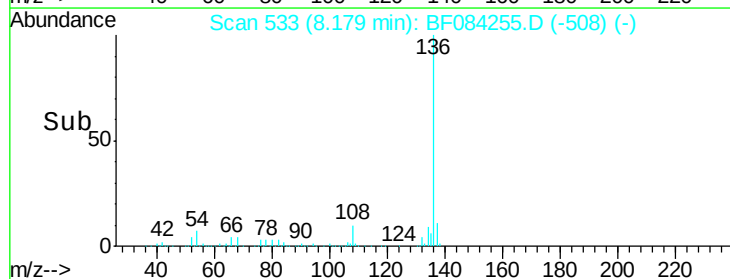
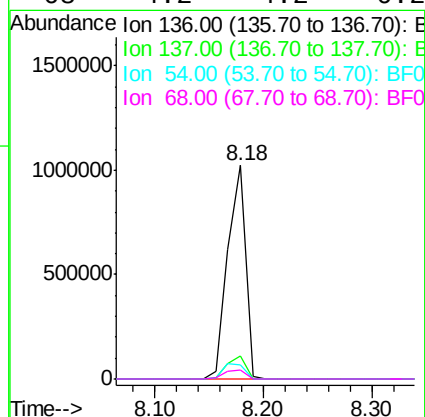
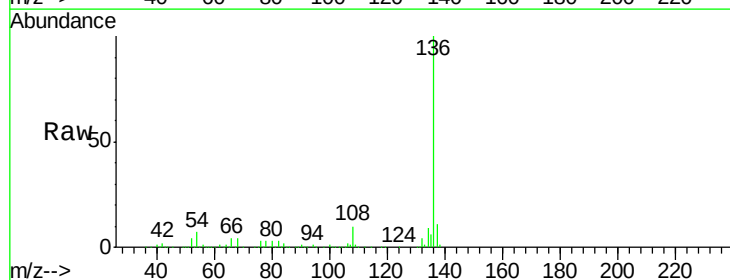
Ion Ratio Lower Upper

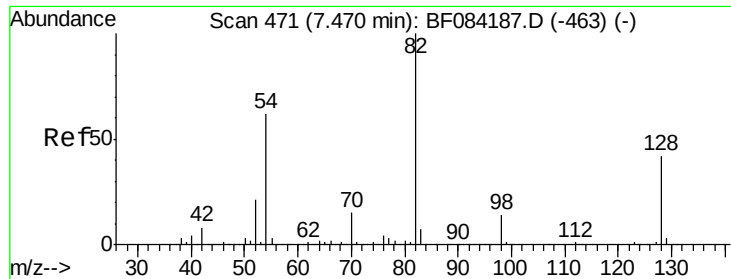
136 100

137 10.8 8.7 13.1

54 6.8 5.8 8.8

68 4.2 4.2 6.2

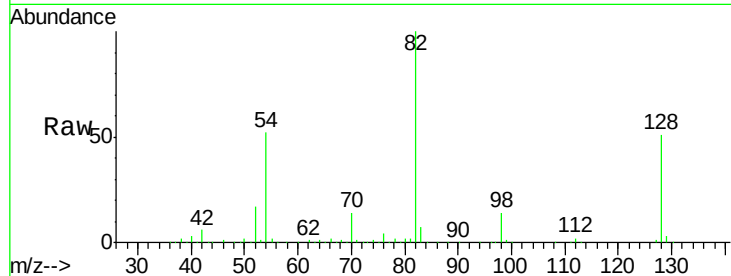




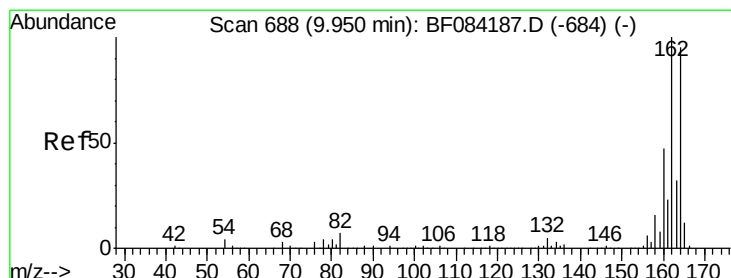
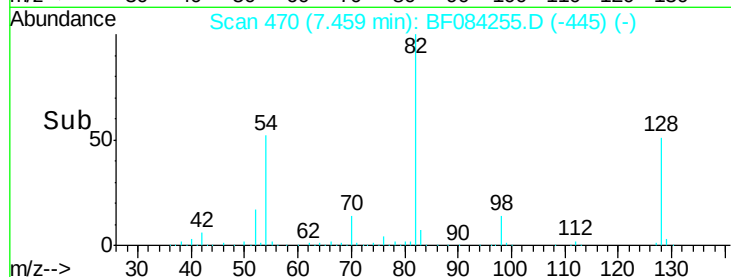
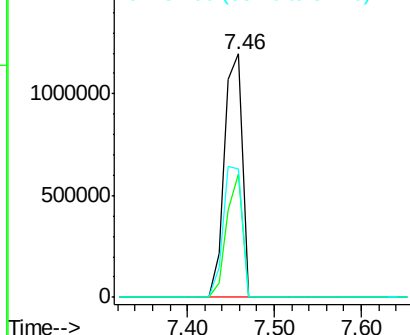
#23
 Nitrobenzene-d5
 Concen: 81.73 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BL

Tot Ion: 82 Resp: 1712199
 Ion Ratio Lower Upper
 82 100
 128 50.7 34.6 51.8
 54 52.5 38.4 57.6

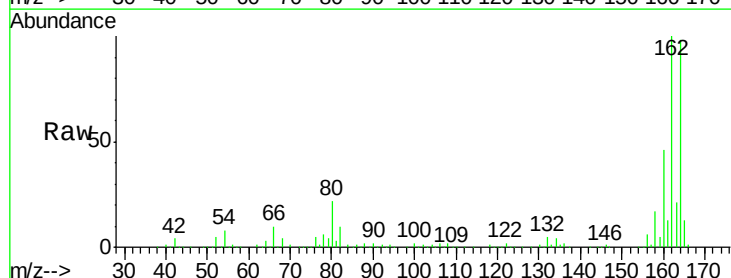


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

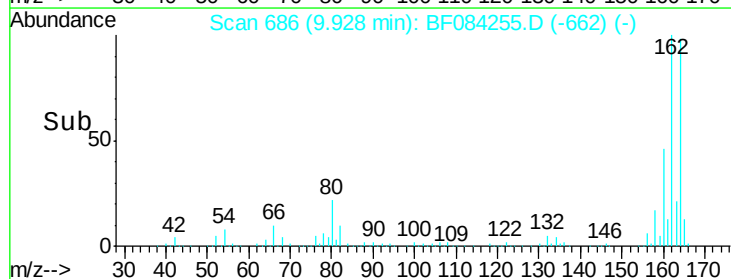
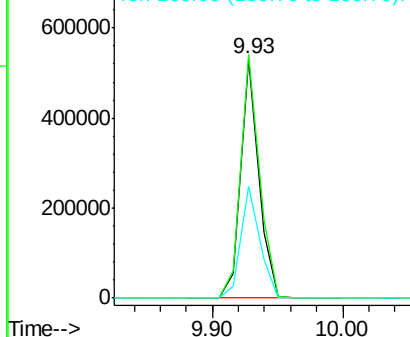


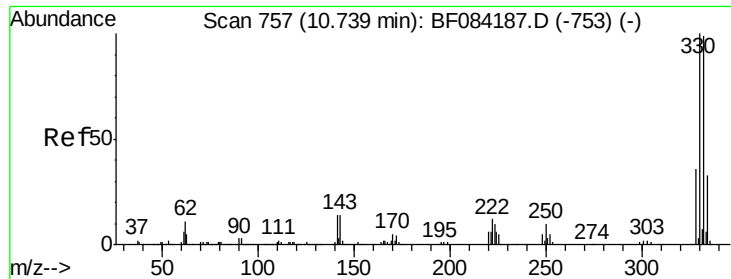
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Tgt Ion:164 Resp: 506431
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.1 127.7
 160 47.0 37.5 56.3



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

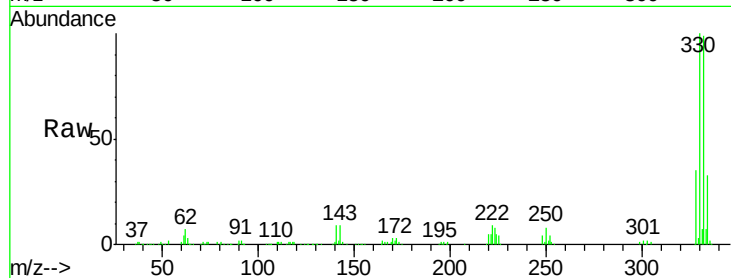




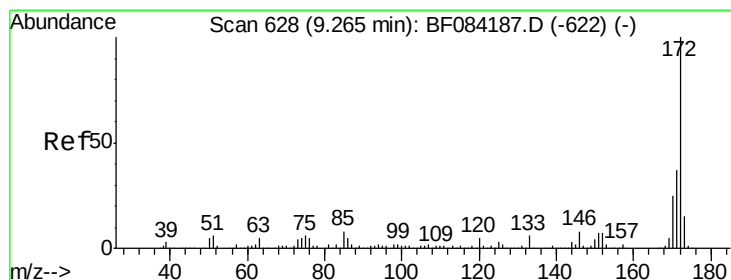
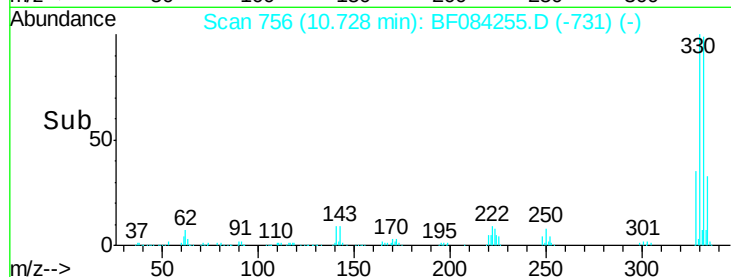
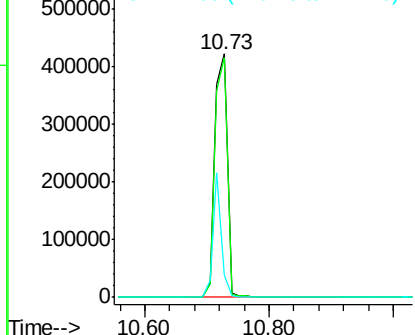
#41
 2,4,6-Tribromophenol
 Concen: 112.24 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Instrument :
 BNA_F
 ClientSampled :
 PB87631BL

Tot Ion:330 Resp: 573885
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 35.1 27.8 41.6

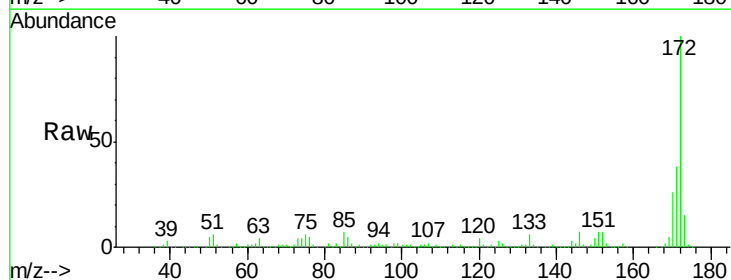


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

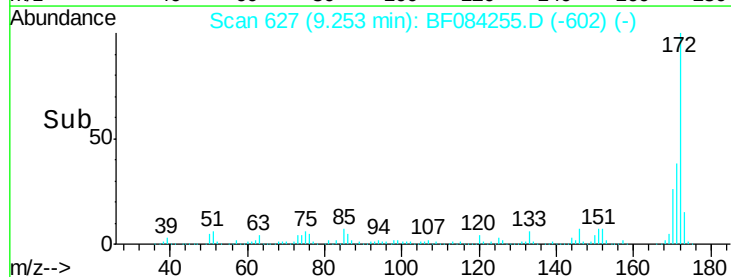
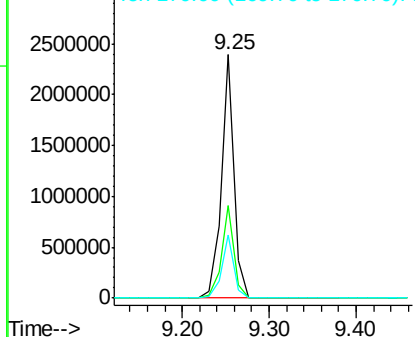


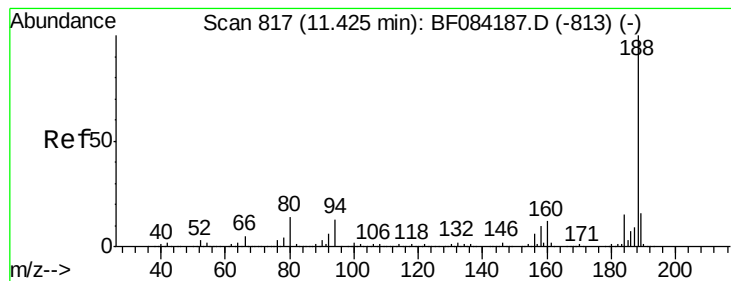
#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Tgt Ion:172 Resp: 2438795
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.2 18.6 27.8



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: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampled :

PB87631BL

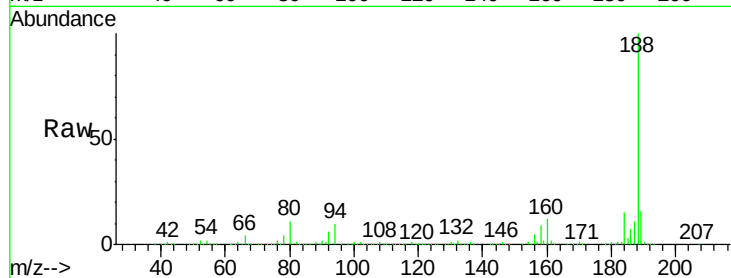
Tot Ion:188 Resp: 868548

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

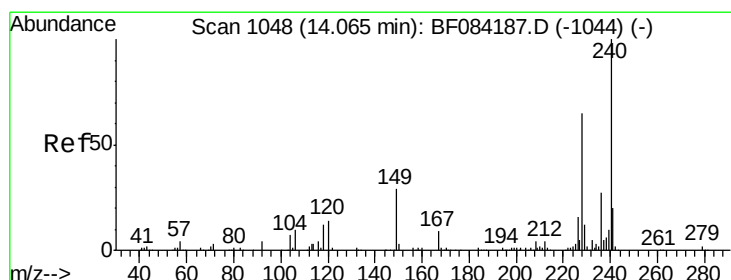
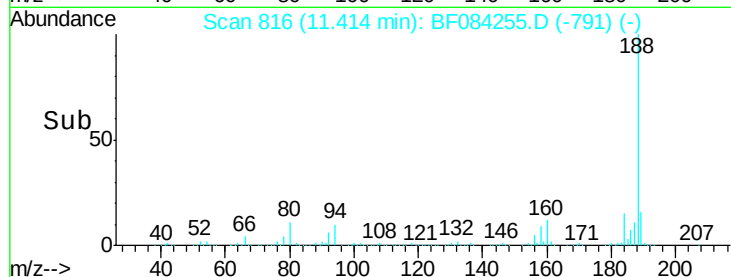
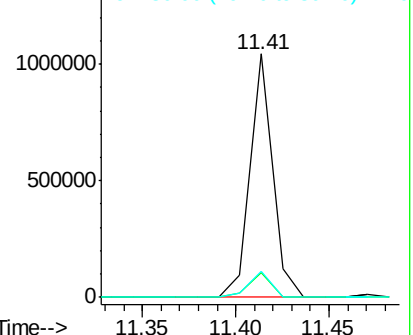
80 10.8 9.6 14.4



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

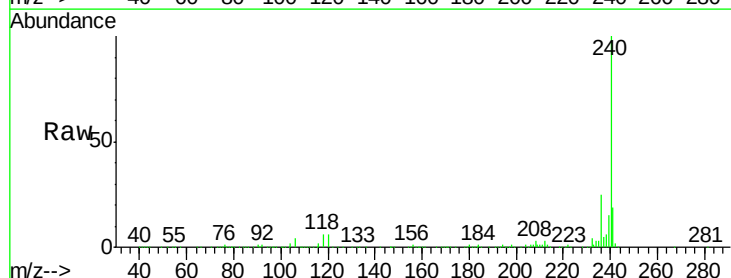
Tgt Ion:240 Resp: 596783

Ion Ratio Lower Upper

240 100

120 6.4 9.5 14.3#

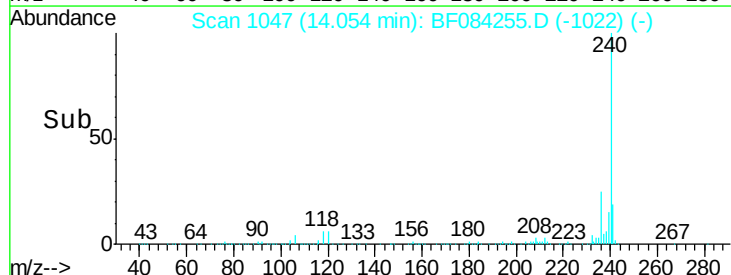
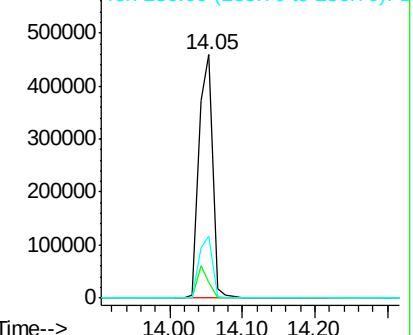
236 25.5 20.6 31.0

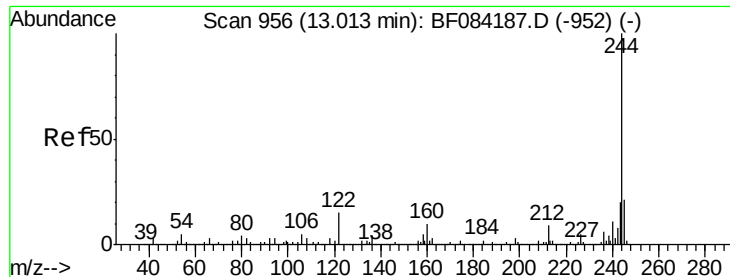


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.23 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampled :

PB87631BL

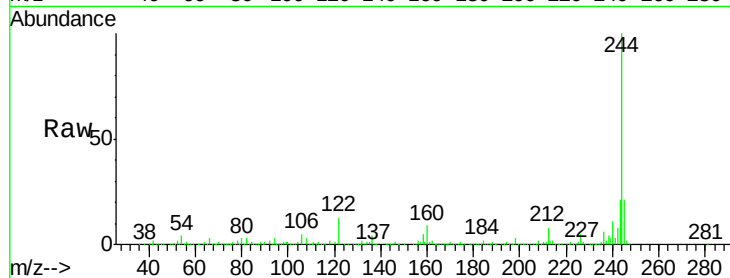
Tot Ion:244 Resp: 1877640

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

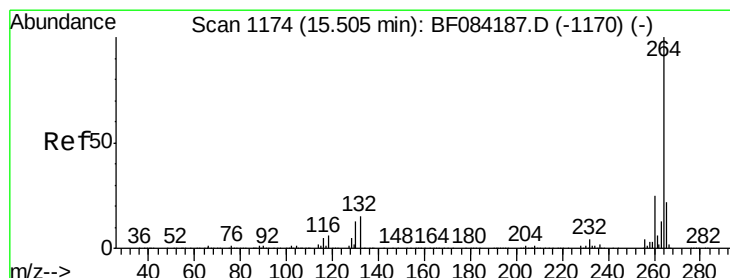
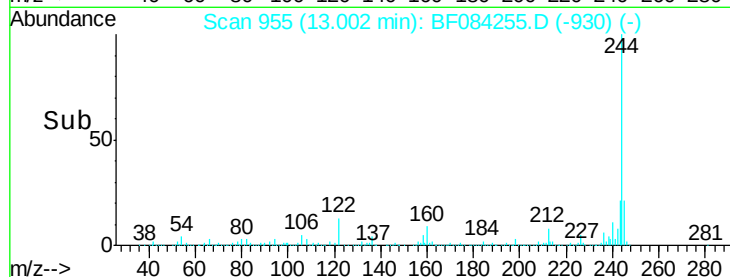
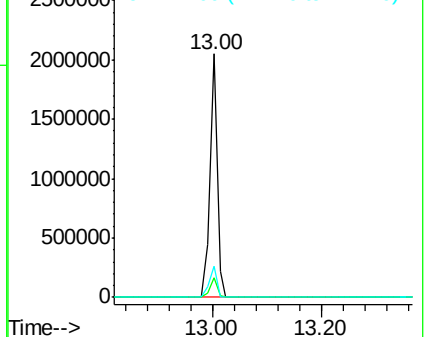
122 13.1 7.4 11.0#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

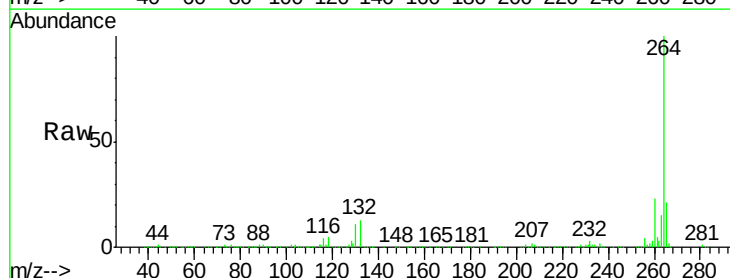
Tgt Ion:264 Resp: 554756

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.0 17.8 26.6



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

