

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086232.D
 Acq On : 15 Apr 2016 22:38
 Operator : UM/SJ
 Sample : H2402-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE-4-7-16

Quant Time: Apr 16 01:41:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	278546	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1162000	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	493505	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	850913	20.00	ng	0.00
75) Chrysene-d12	14.04	240	495411	20.00	ng	-0.01
86) Perylene-d12	15.48	264	436972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1044299	61.43	ng	0.00
7) Phenol-d6	6.51	99	879497	41.36	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1774632	88.09	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517874	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2674467	100.00	ng	0.00
78) Terphenyl-d14	13.00	244	1713373	86.97	ng	0.00

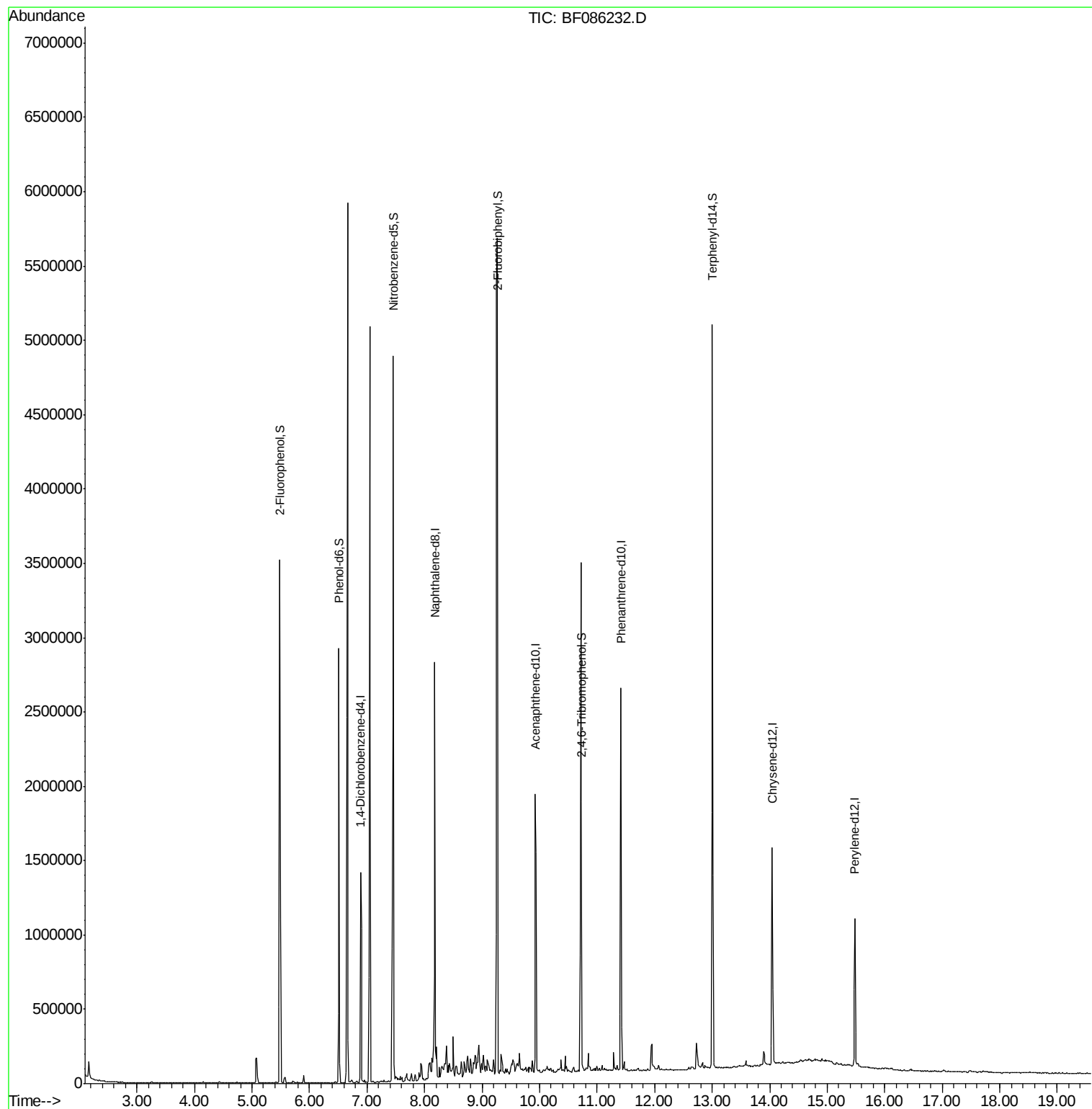
Target Compounds Qvalue

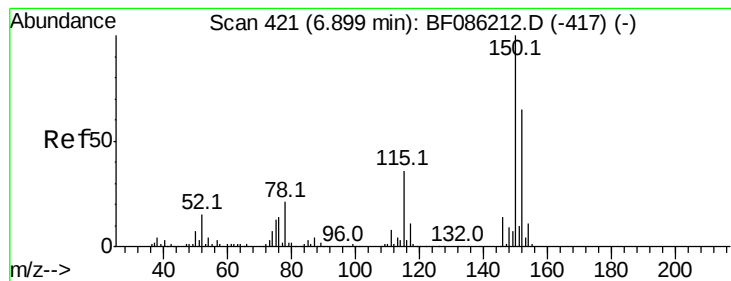
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

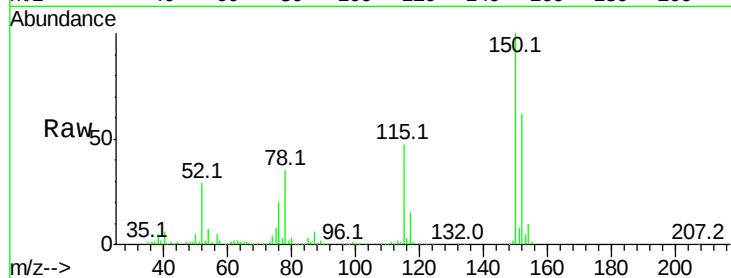
Tot Ion:152 Resp: 278546

Ion Ratio Lower Upper

152 100

150 162.4 124.1 186.1

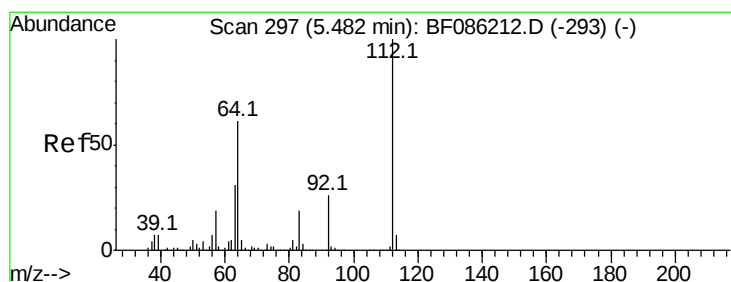
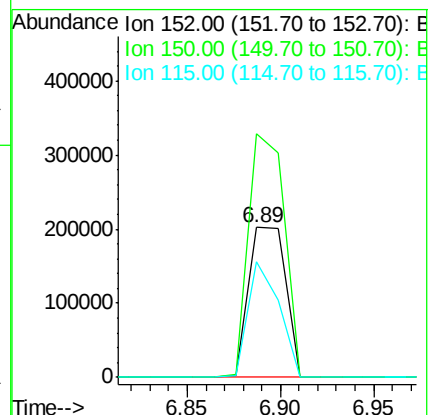
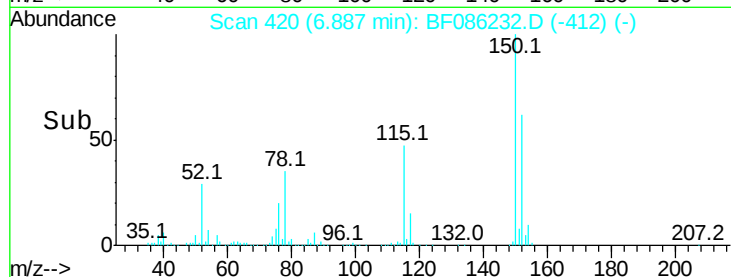
115 77.1 43.9 65.9#



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: 61.43 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

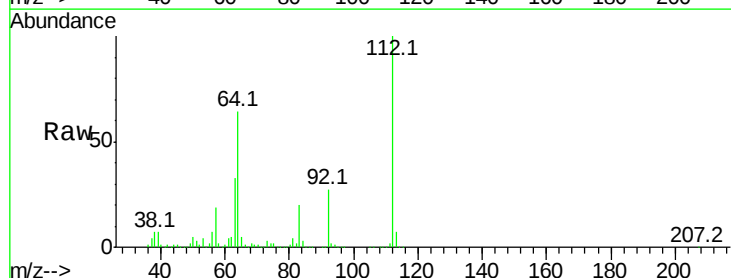
Tgt Ion:112 Resp: 1044299

Ion Ratio Lower Upper

112 100

64 64.4 48.1 72.1

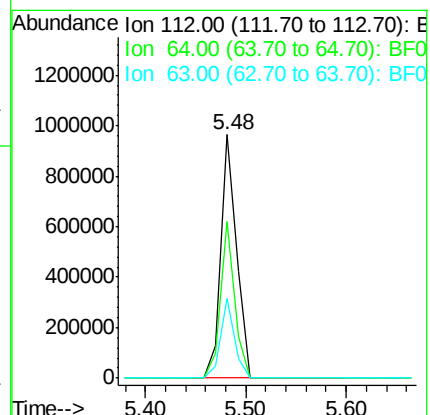
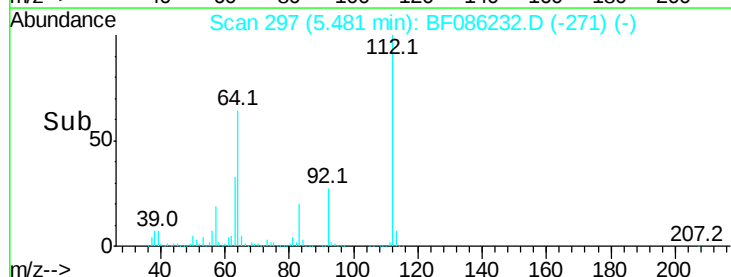
63 32.5 25.5 38.3

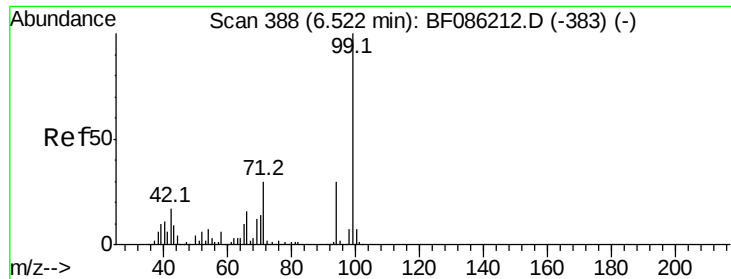


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.36 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

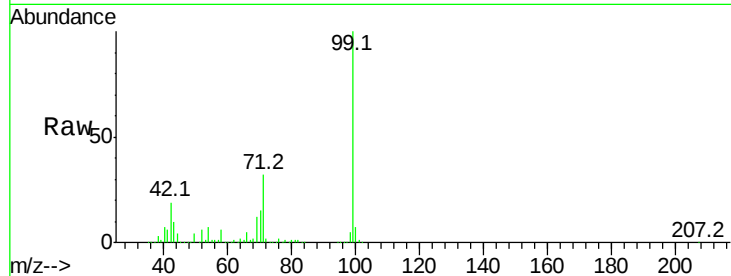
Tot Ion: 99 Resp: 879497

Ion Ratio Lower Upper

99 100

42 18.7 15.4 23.2

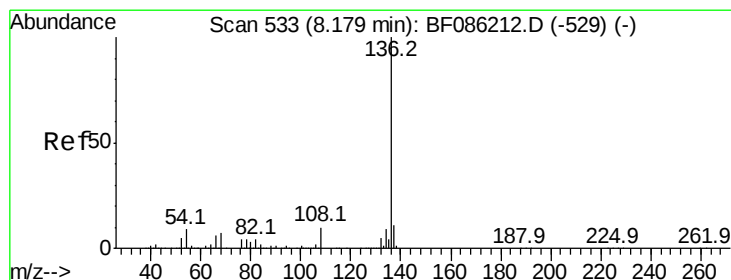
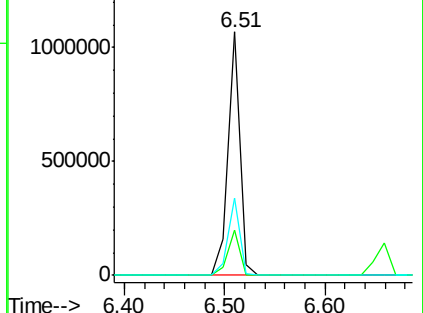
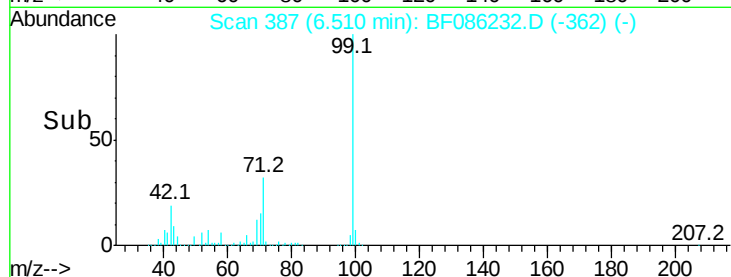
71 31.7 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Tgt Ion: 136 Resp: 1162000

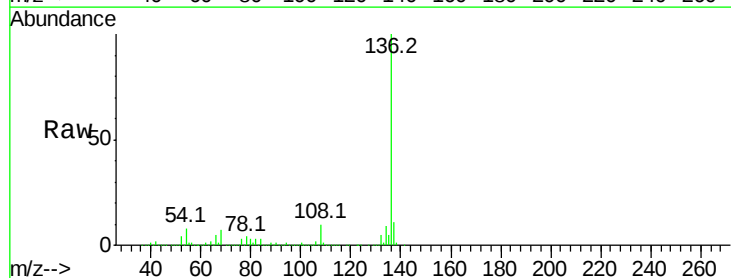
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.0 7.3 10.9

68 6.7 5.7 8.5

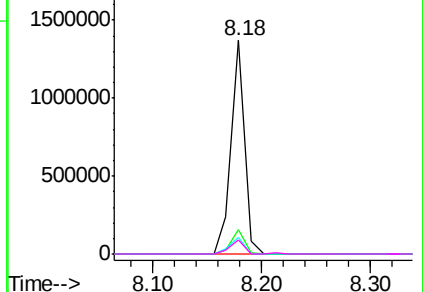
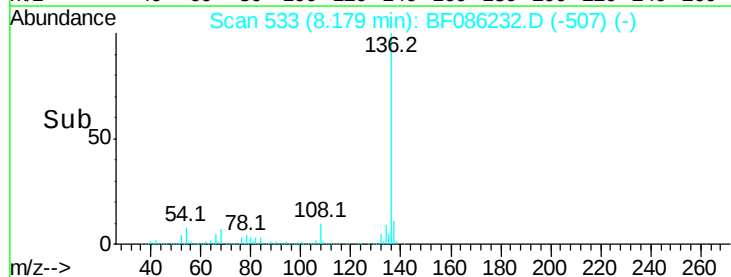


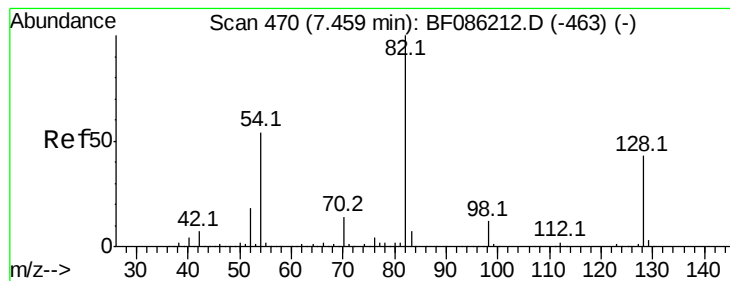
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.09 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

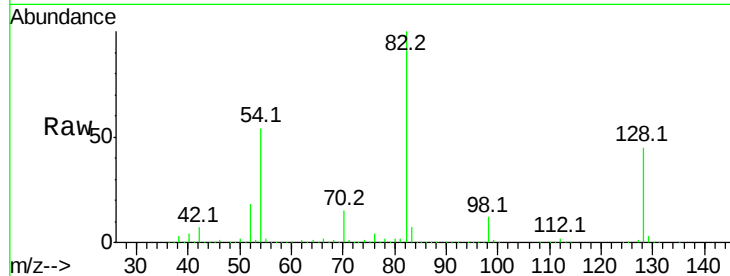
Tot Ion: 82 Resp: 1774632

Ion Ratio Lower Upper

82 100

128 45.5 35.4 53.2

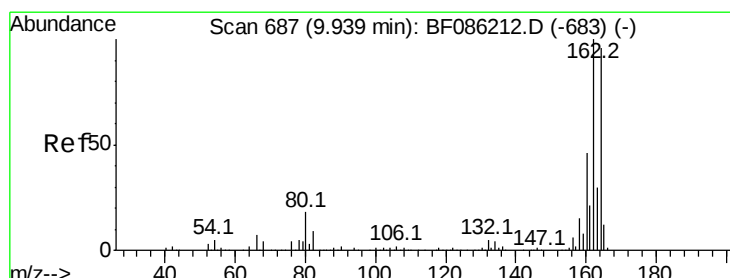
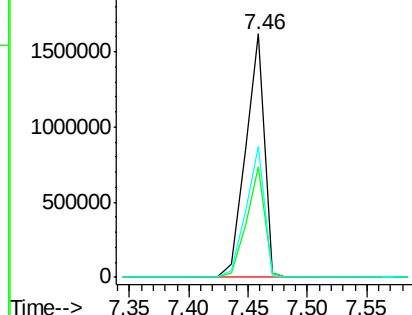
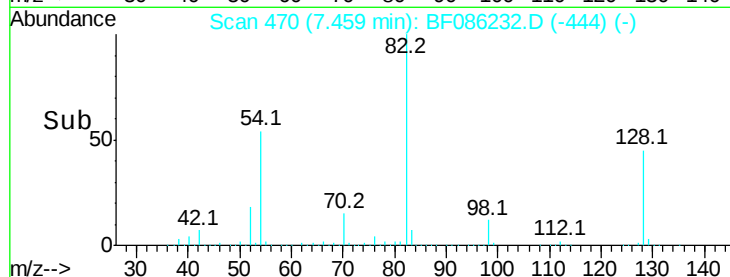
54 53.8 43.4 65.0



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: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

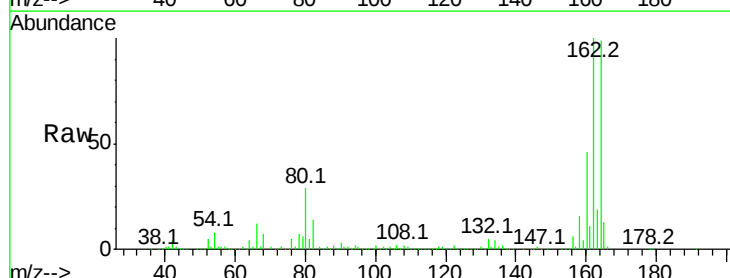
Tgt Ion:164 Resp: 493505

Ion Ratio Lower Upper

164 100

162 100.5 82.8 124.2

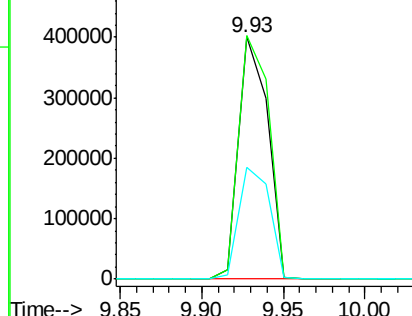
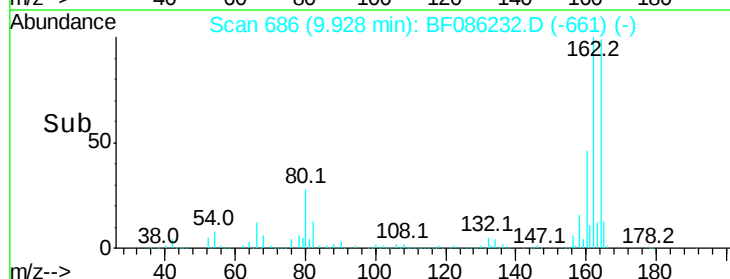
160 46.0 38.9 58.3

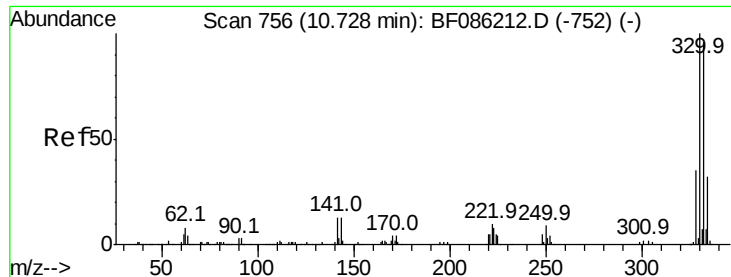


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

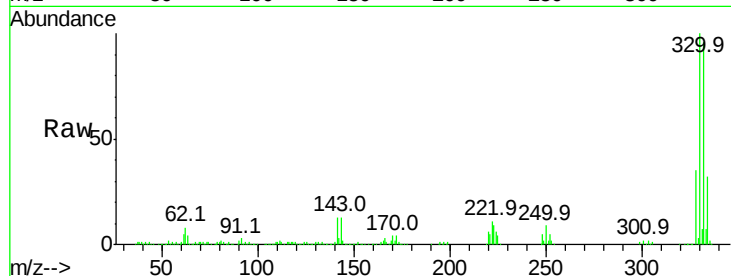




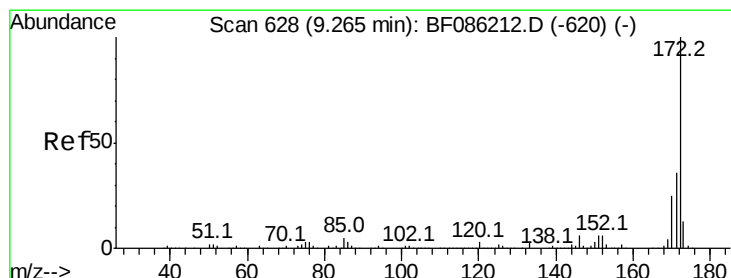
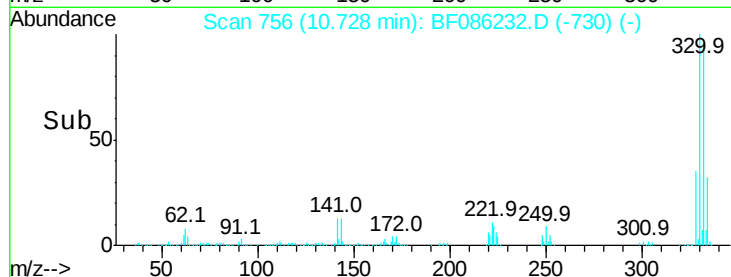
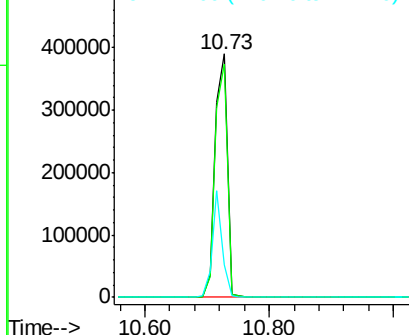
#41
 2,4,6-Tribromophenol
 Concen: 130.68 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086232.D
 Acq: 15 Apr 2016 22:38

Instrument :
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 BLIND-DUPLICATE-4-7-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.7	118.1
141	36.6	28.6	42.8

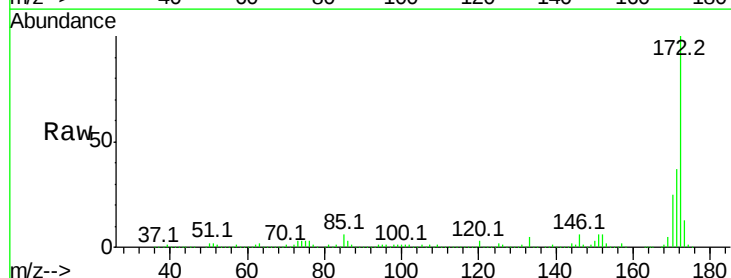


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

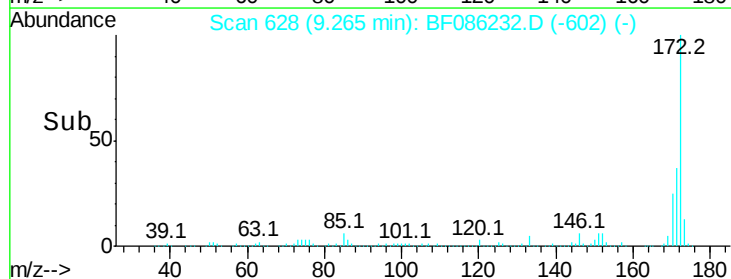
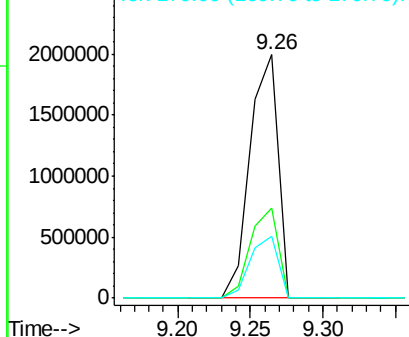


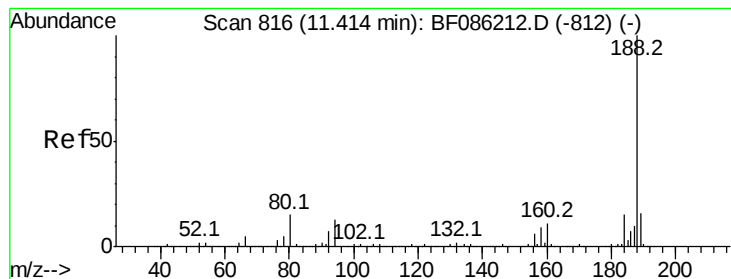
#44
 2-Fluorobiphenyl
 Concen: 100.00 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086232.D
 Acq: 15 Apr 2016 22:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.1	43.7
170	25.2	19.9	29.9



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. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

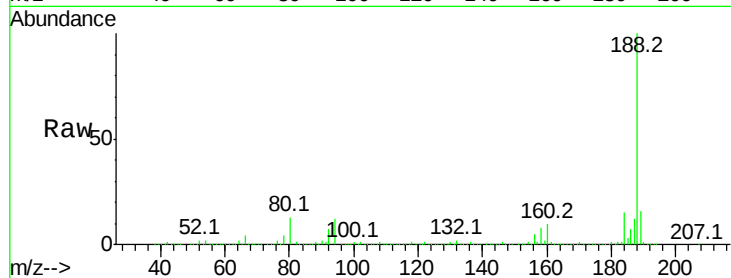
Tot Ion:188 Resp: 850913

Ion Ratio Lower Upper

188 100

94 11.7 9.8 14.8

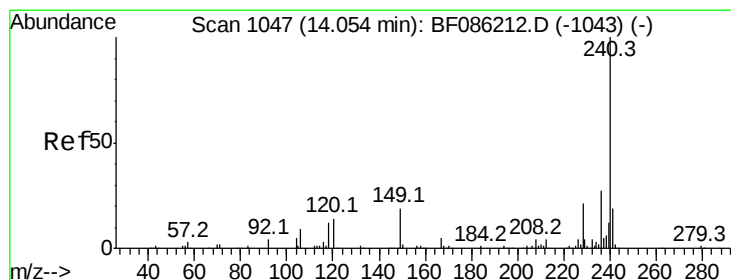
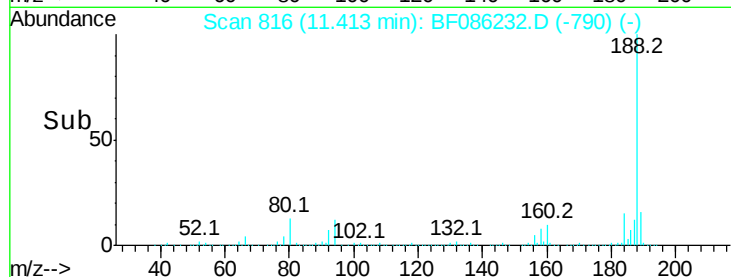
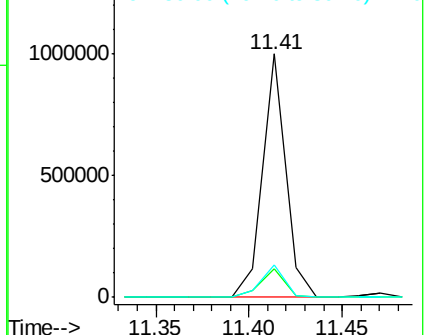
80 13.2 10.5 15.7



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

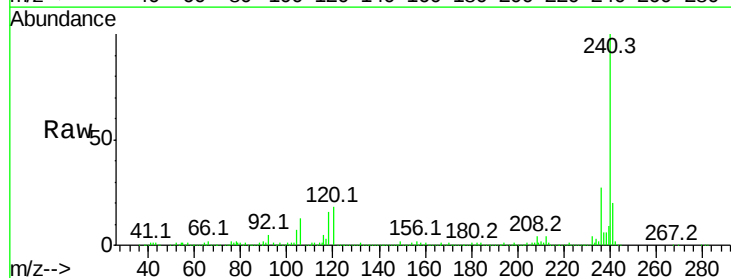
Tgt Ion:240 Resp: 495411

Ion Ratio Lower Upper

240 100

120 17.9 9.3 13.9#

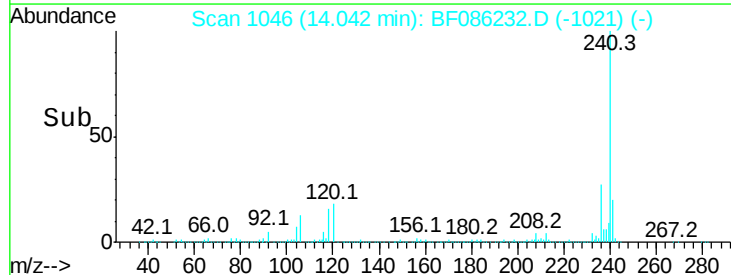
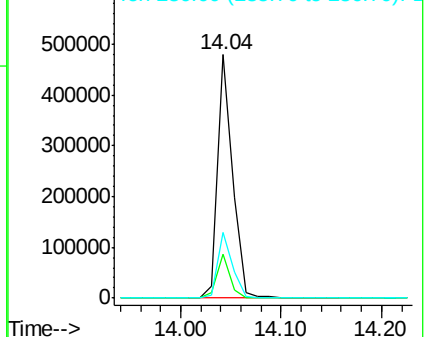
236 26.9 21.1 31.7

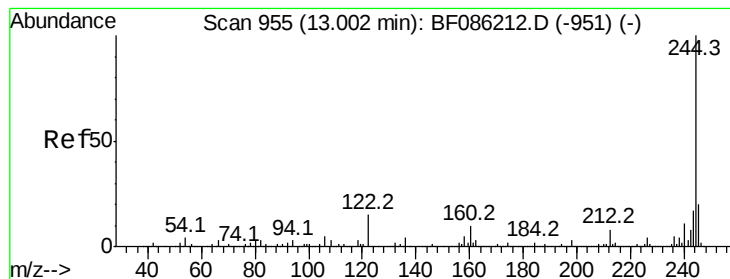


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.97 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

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BLIND-DUPLICATE-4-7-16

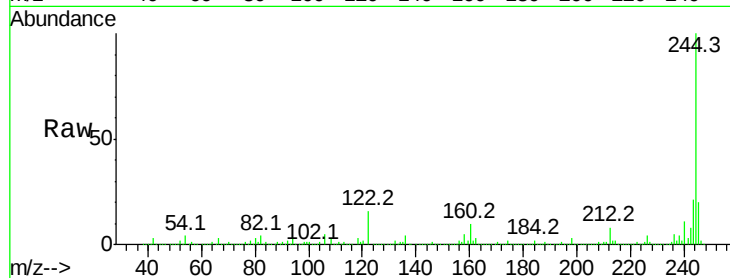
Tot Ion:244 Resp: 1713373

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

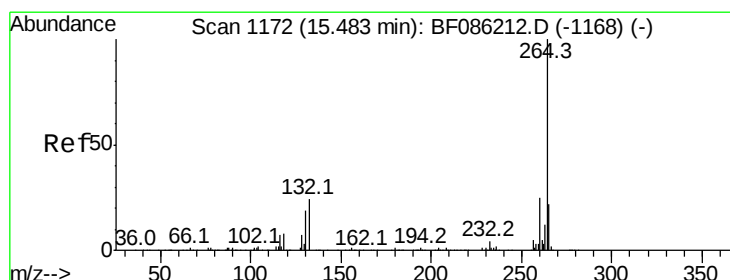
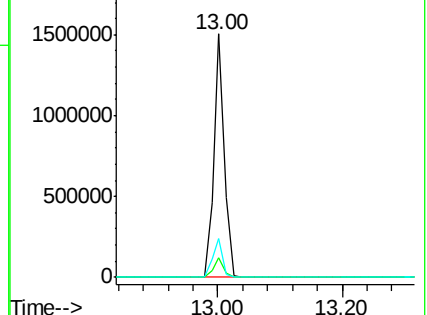
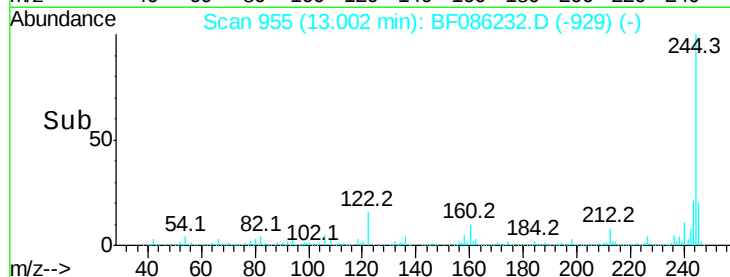
122 16.2 11.7 17.5



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: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

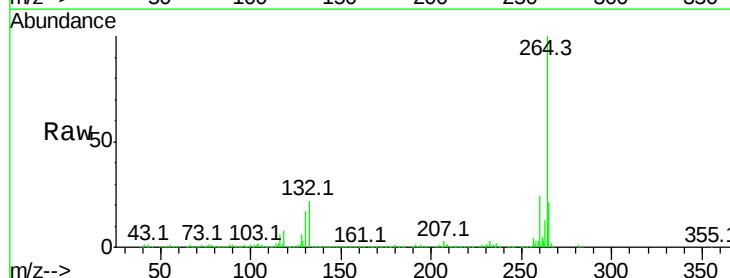
Tgt Ion:264 Resp: 436972

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 21.1 17.4 26.0



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

