

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086921.D
 Acq On : 12 May 2016 8:51
 Operator : UM/SJ
 Sample : PB90419TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Quant Time: May 12 15:32:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 15:26:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	132302	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	516771	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	201272	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	308226	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	300992	20.00	ng	-0.01
86) Perylene-d12	15.13	264	223126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	849503	108.74	ng	0.00
7) Phenol-d6	6.30	99	974975	93.38	ng	-0.02
23) Nitrobenzene-d5	7.21	82	719414	69.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	164869	77.37	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1110034	92.69	ng	0.00
78) Terphenyl-d14	12.73	244	816858	57.58	ng	0.00

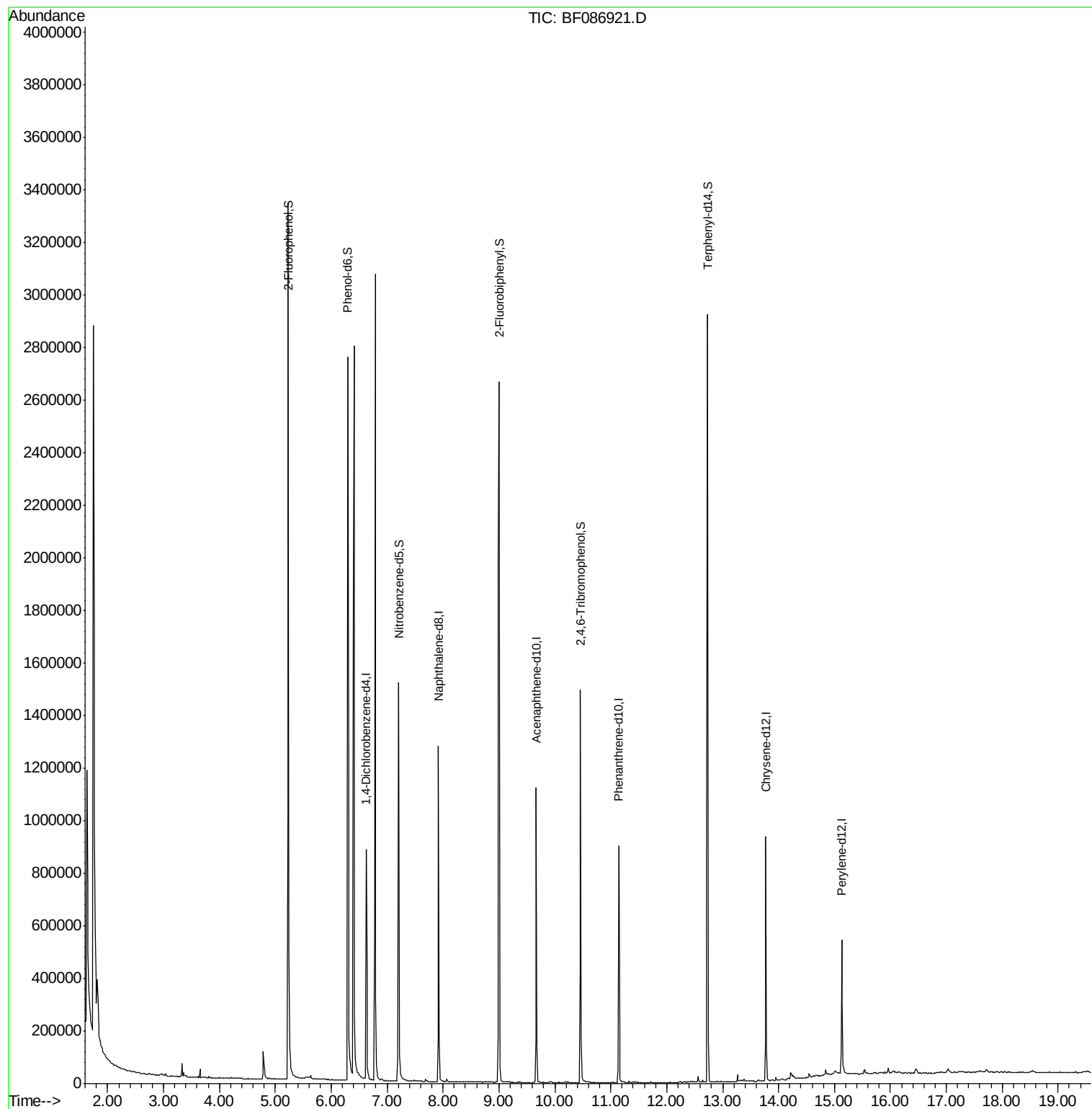
Target Compounds	Qvalue
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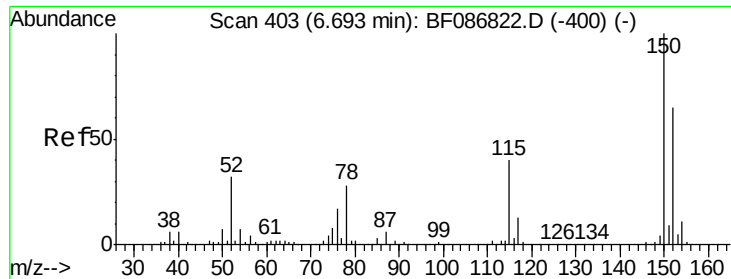
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 12 15:26:18 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

Instrument :

BNA_F

ClientSampleId :

PB90419TB

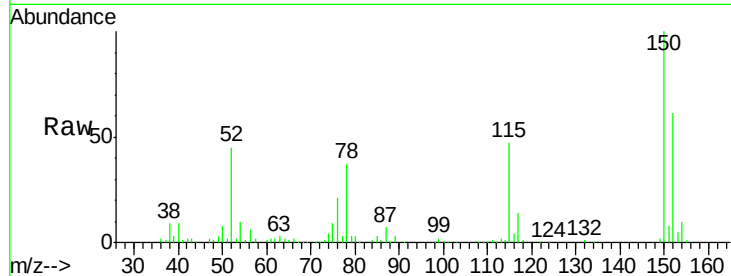
Tgt Ion:152 Resp: 132302

Ion Ratio Lower Upper

152 100

150 164.1 125.8 188.6

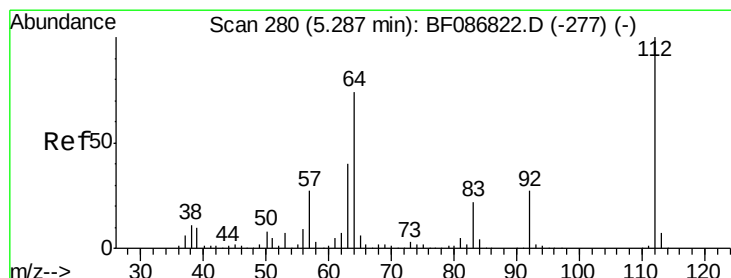
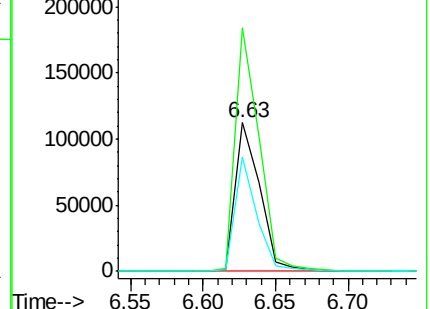
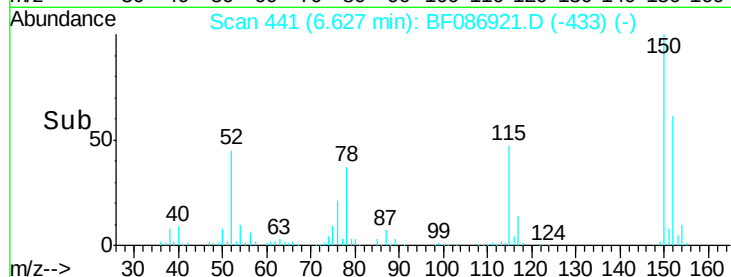
115 76.9 51.5 77.3



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: 108.74 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.00 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

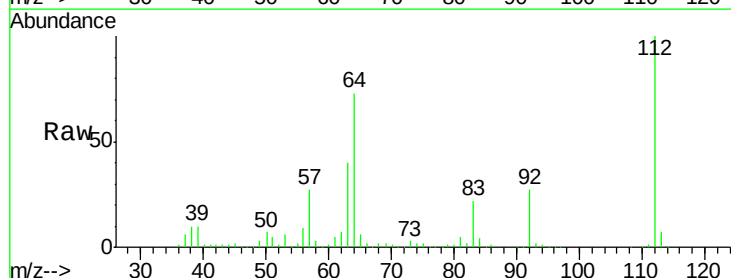
Tgt Ion:112 Resp: 849503

Ion Ratio Lower Upper

112 100

64 72.6 52.1 78.1

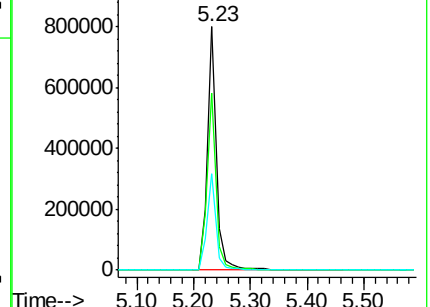
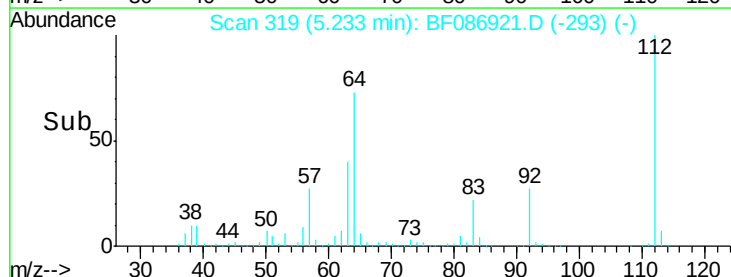
63 39.6 25.7 38.5

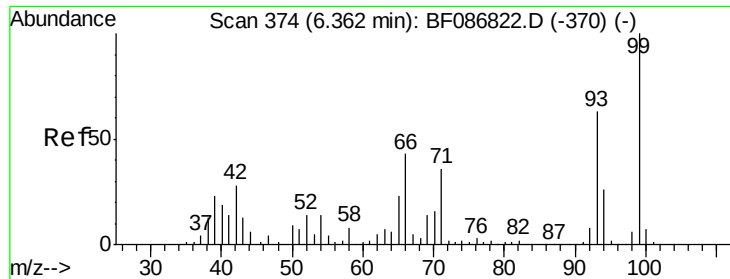


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.38 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

Instrument :

BNA_F

ClientSampled :

PB90419TB

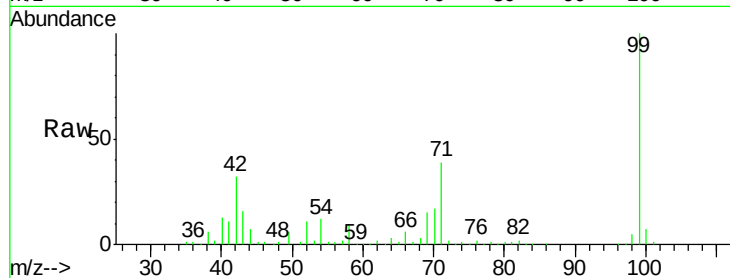
Tgt Ion: 99 Resp: 974975

Ion Ratio Lower Upper

99 100

42 32.1 13.6 20.4#

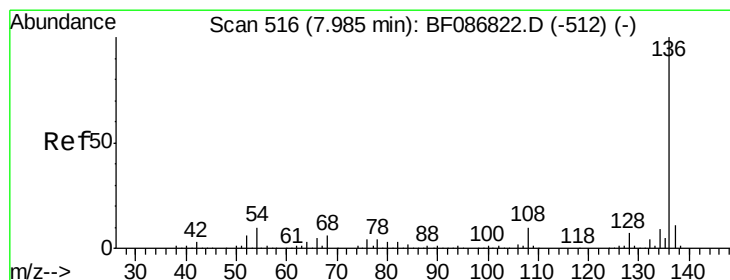
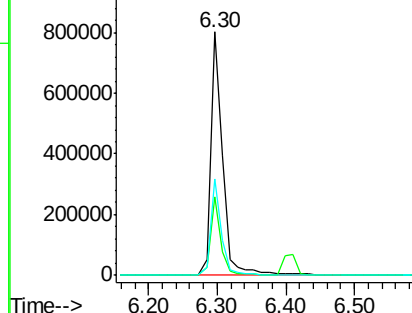
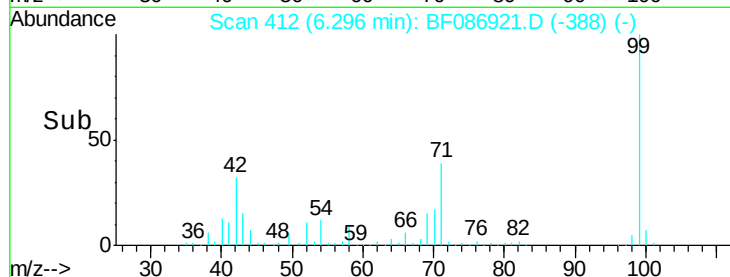
71 39.5 24.6 36.8#



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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

Tgt Ion: 136 Resp: 516771

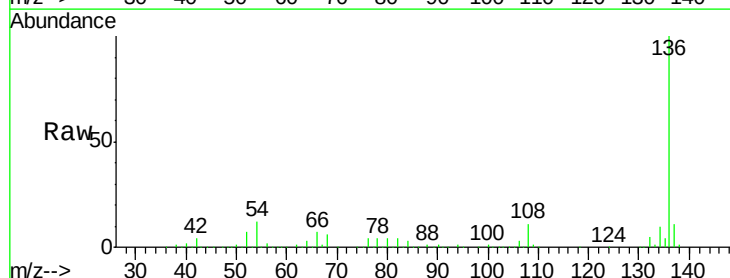
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 12.3 5.0 7.4#

68 6.5 4.4 6.6

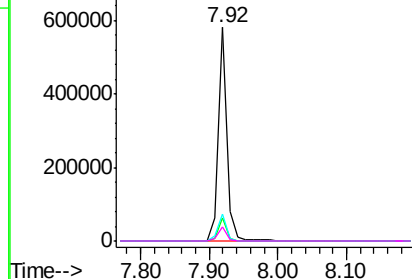
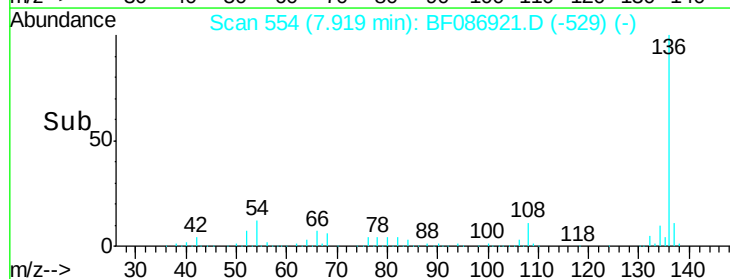


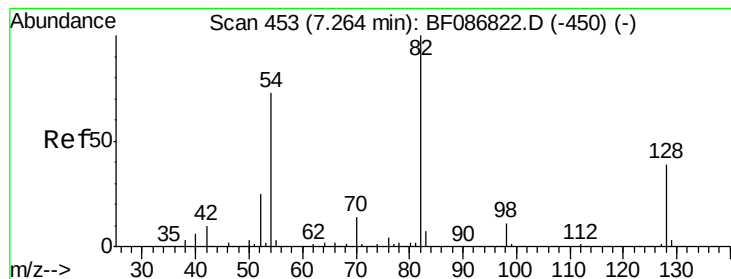
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.90 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

Instrument :

BNA_F

ClientSampleId :

PB90419TB

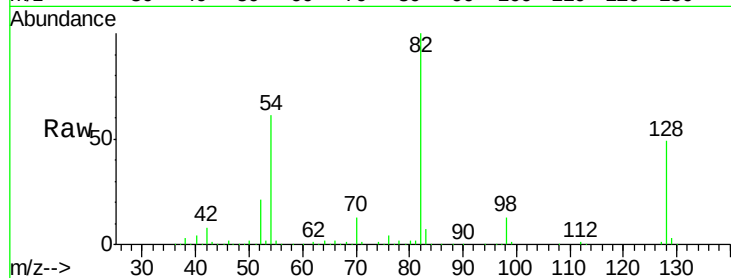
Tgt Ion: 82 Resp: 719414

Ion Ratio Lower Upper

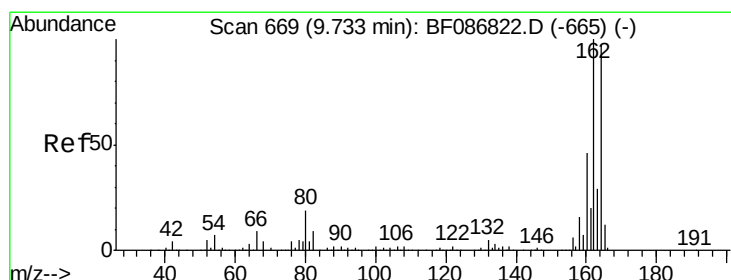
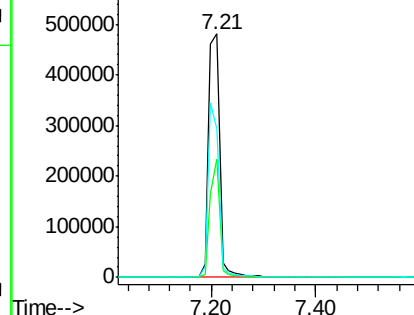
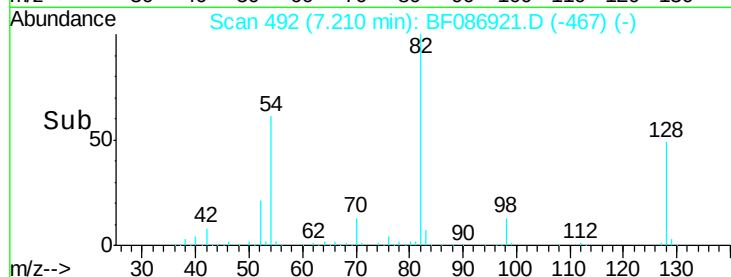
82 100

128 48.6 40.6 61.0

54 60.9 38.1 57.1#



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: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

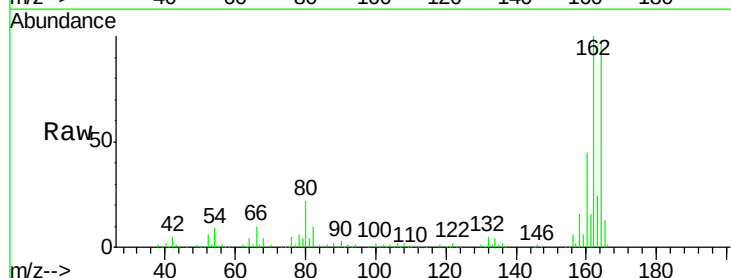
Tgt Ion: 164 Resp: 201272

Ion Ratio Lower Upper

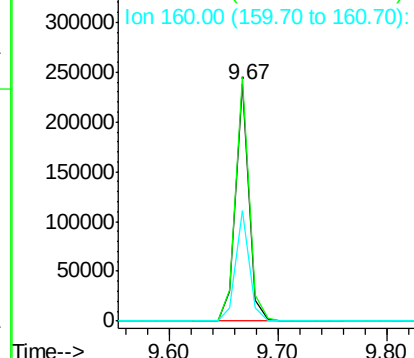
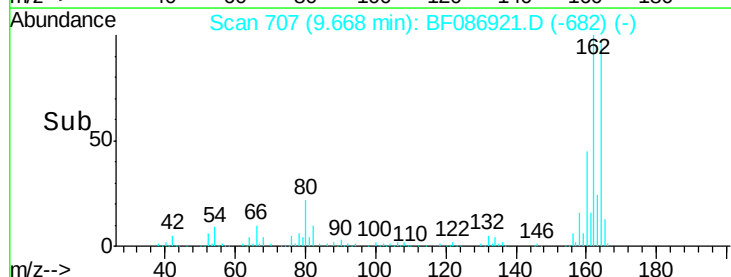
164 100

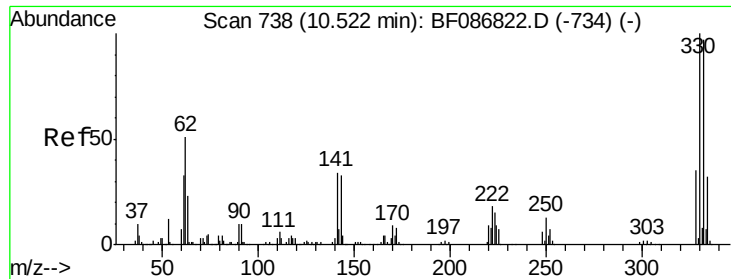
162 102.9 82.8 124.2

160 46.5 36.9 55.3



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

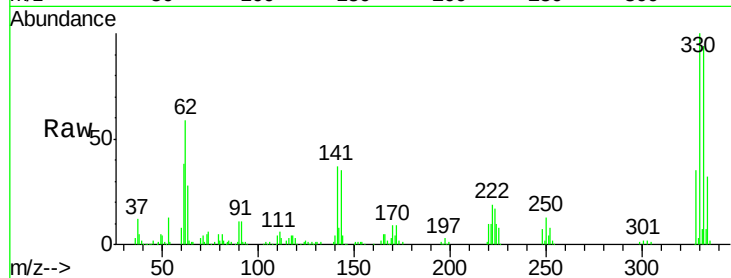




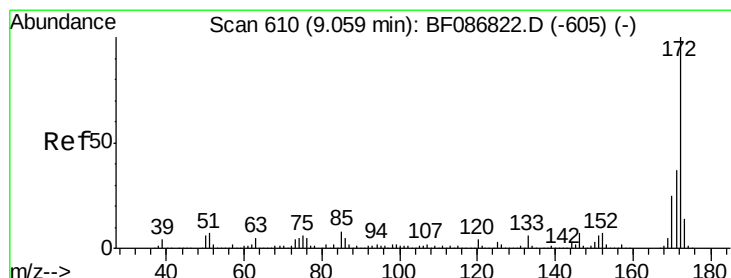
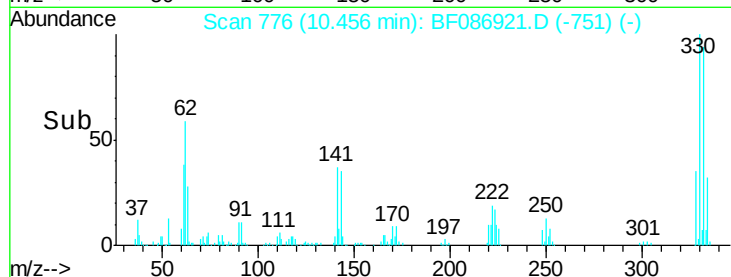
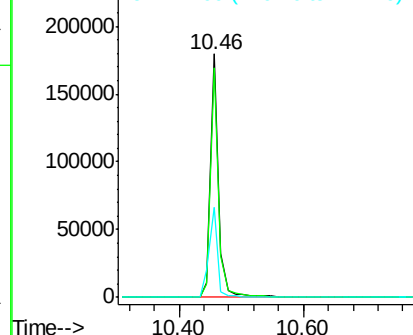
#41
 2,4,6-Tribromophenol
 Concen: 77.37 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086921.D
 Acq: 12 May 2016 8:51

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	79.0	118.4
141	39.8	31.2	46.8

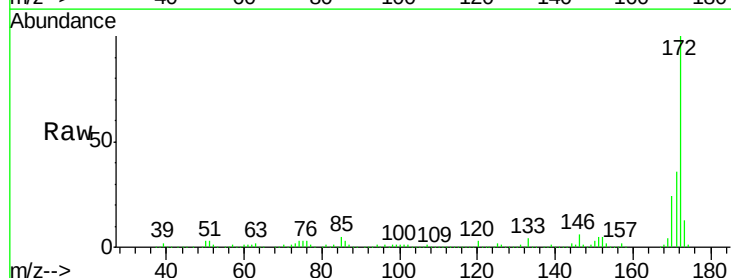


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

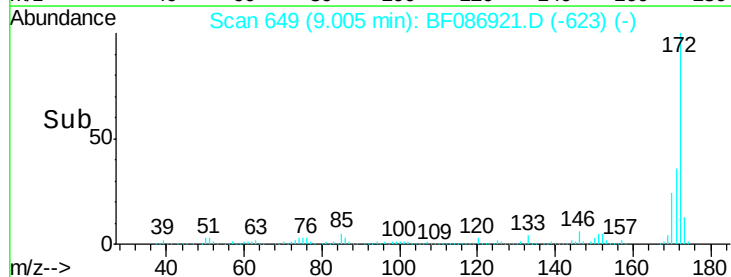
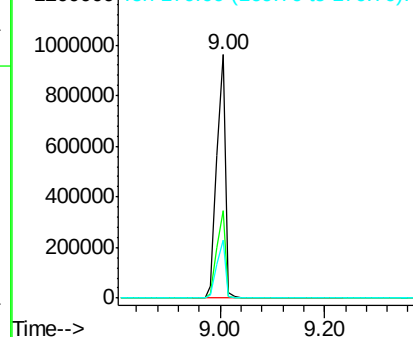


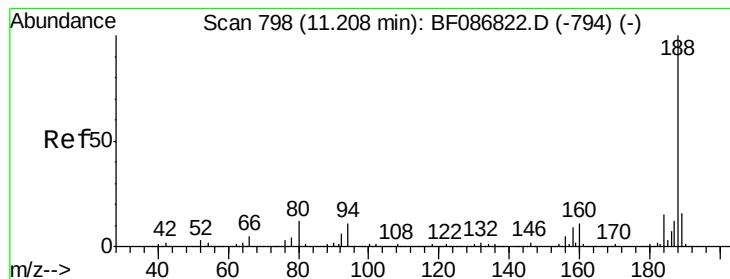
#44
 2-Fluorobiphenyl
 Concen: 92.69 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086921.D
 Acq: 12 May 2016 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.8	29.8



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: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

Instrument :

BNA_F

ClientSampleId :

PB90419TB

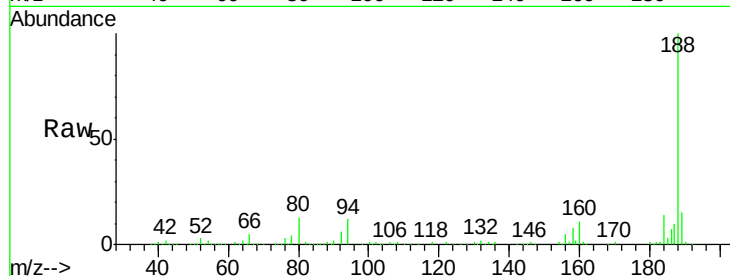
Tgt Ion:188 Resp: 308226

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

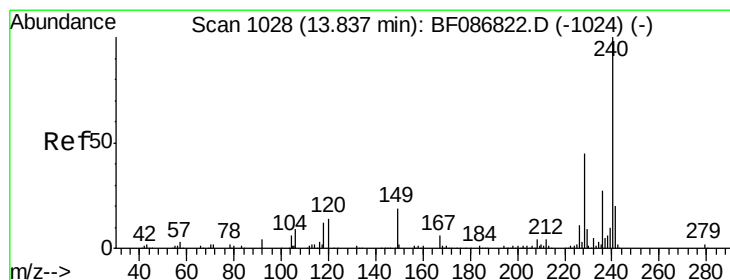
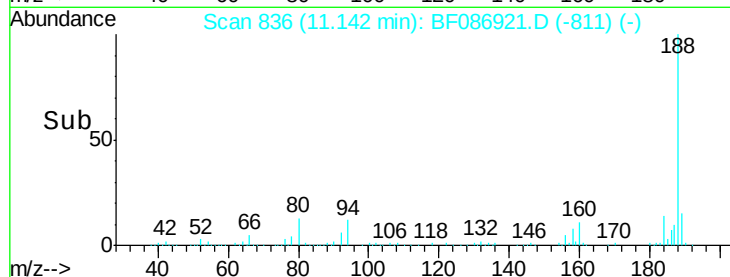
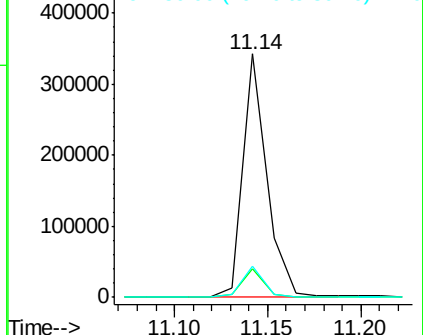
80 12.9 7.1 10.7#



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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

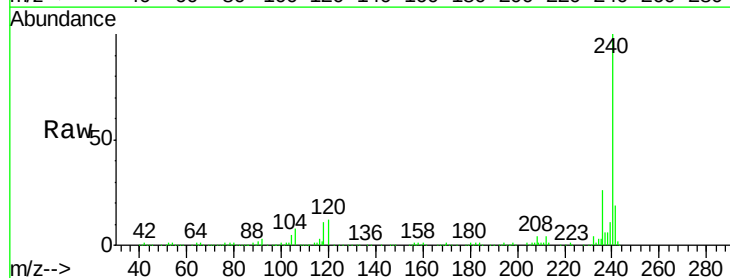
Tgt Ion:240 Resp: 300992

Ion Ratio Lower Upper

240 100

120 12.3 11.2 16.8

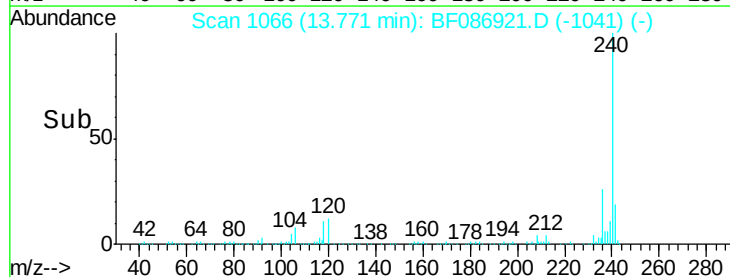
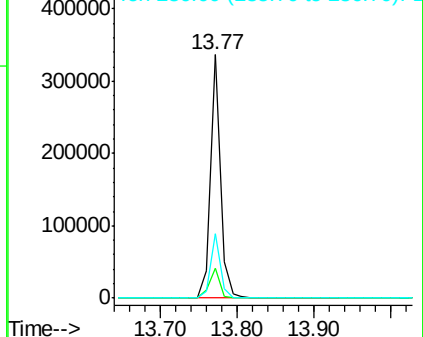
236 26.3 21.2 31.8

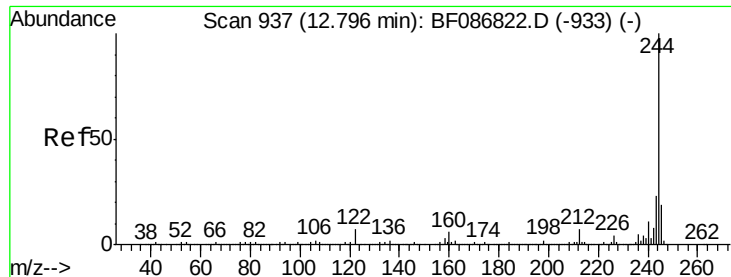


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.58 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

Instrument :

BNA_F

ClientSampleId :

PB90419TB

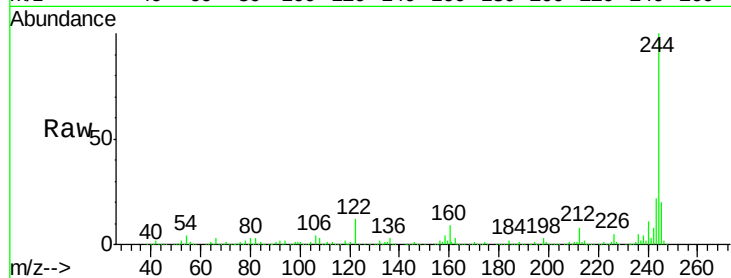
Tgt Ion:244 Resp: 816858

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

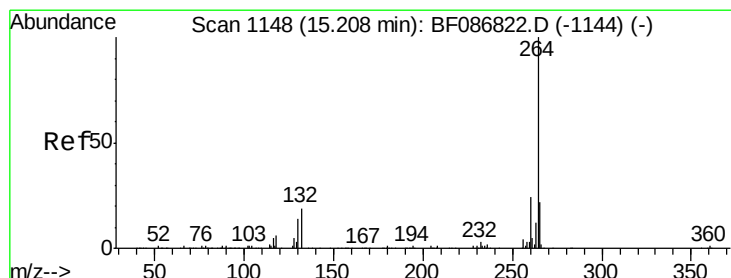
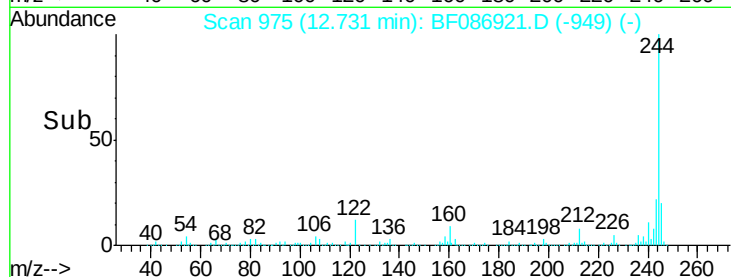
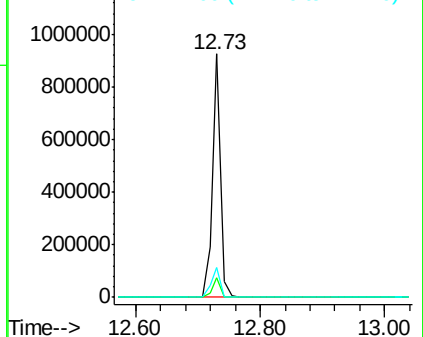
122 12.4 12.0 18.0



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: 15.13 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF086921.D

Acq: 12 May 2016 8:51

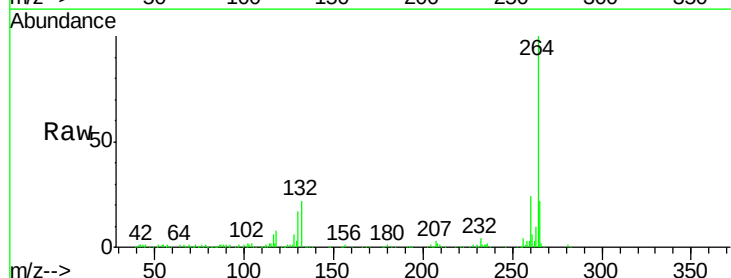
Tgt Ion:264 Resp: 223126

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.0 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

