

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086930.D
 Acq On : 12 May 2016 15:03
 Operator : UM/SJ
 Sample : PB90495BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

Quant Time: May 13 00:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	152998	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	654024	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	322194	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	616165	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	514361	20.00	ng	-0.01
86) Perylene-d12	15.12	264	391434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	831870	92.08	ng	0.01
7) Phenol-d6	6.28	99	954260	79.03	ng	-0.01
23) Nitrobenzene-d5	7.19	82	676839	51.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	252635	74.07	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1161688	60.60	ng	-0.01
78) Terphenyl-d14	12.72	244	1154567	47.63	ng	0.00

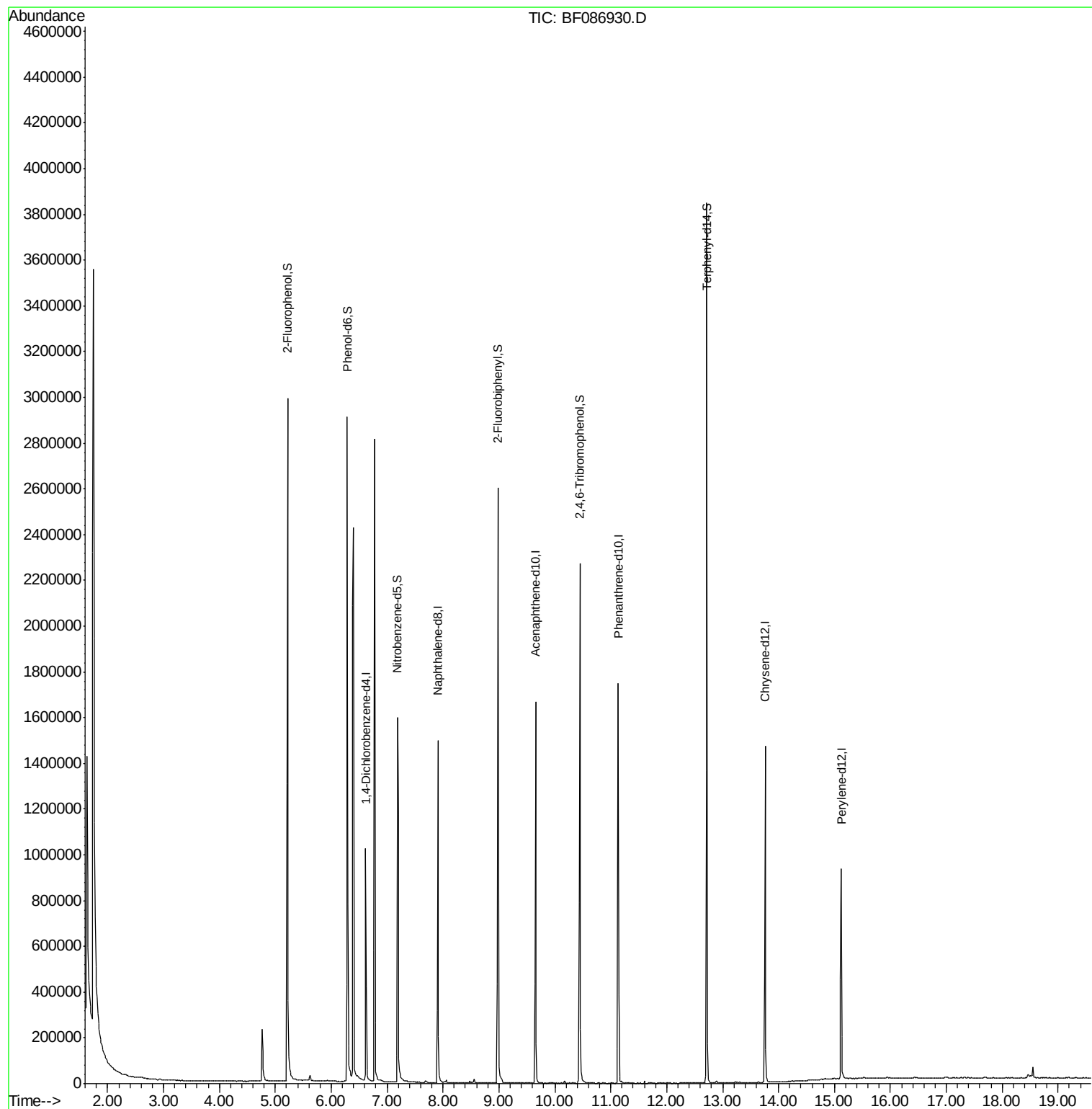
Target Compounds	Qvalue
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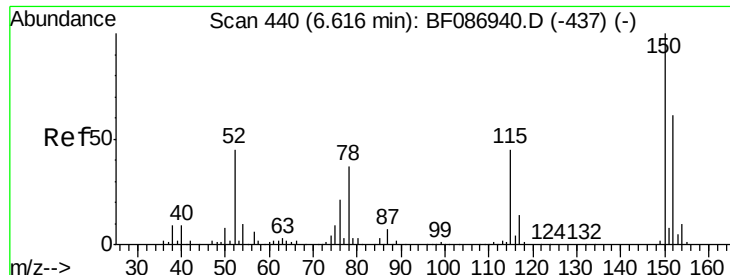
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 00:58:18 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

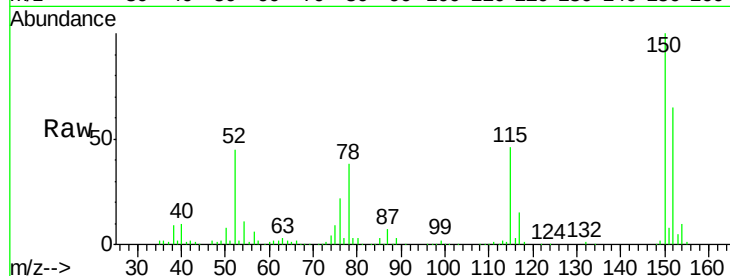
Tgt Ion:152 Resp: 152998

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.6

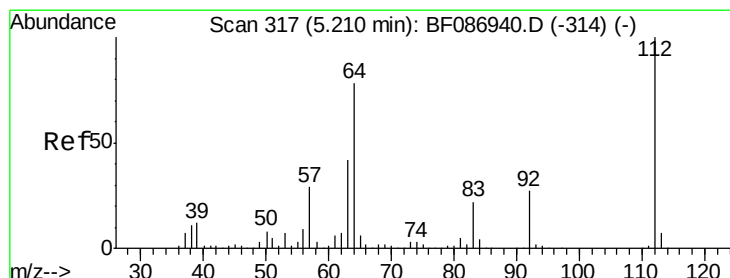
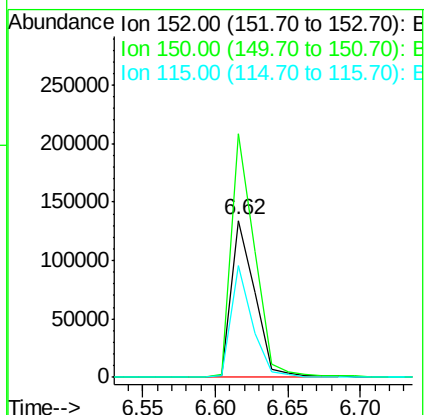
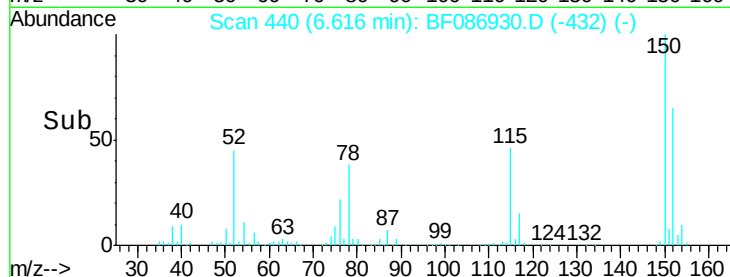
115 71.2 51.5 77.3



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: 92.08 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

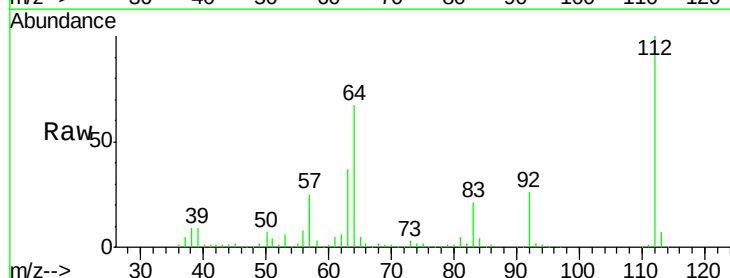
Tgt Ion:112 Resp: 831870

Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

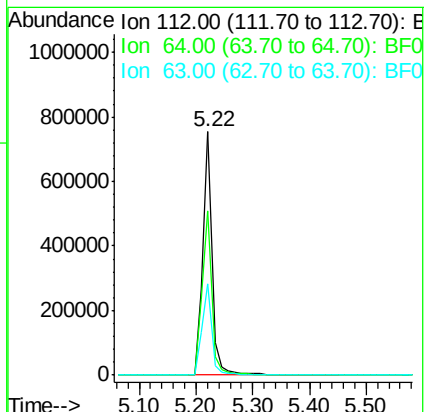
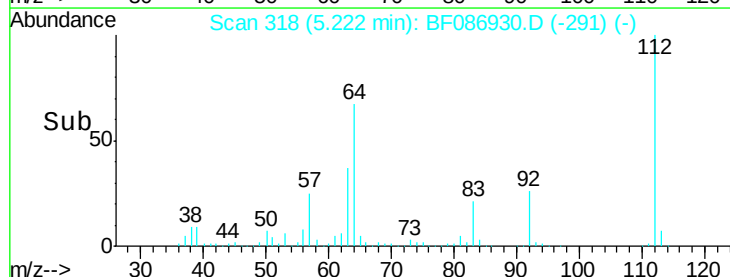
63 37.3 25.7 38.5

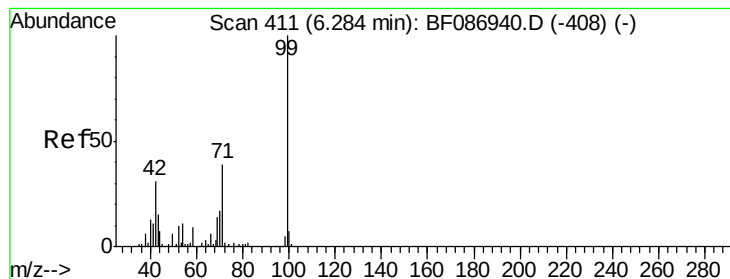


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 79.03 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

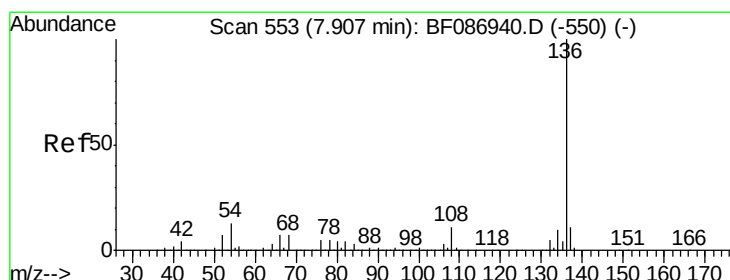
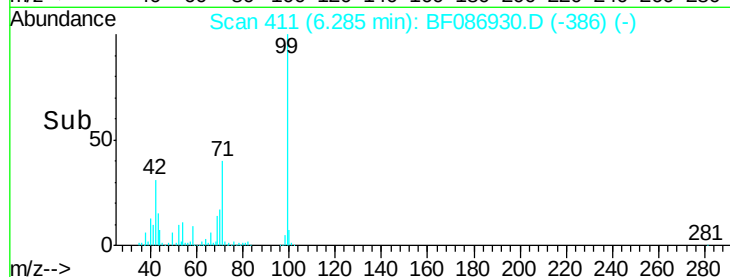
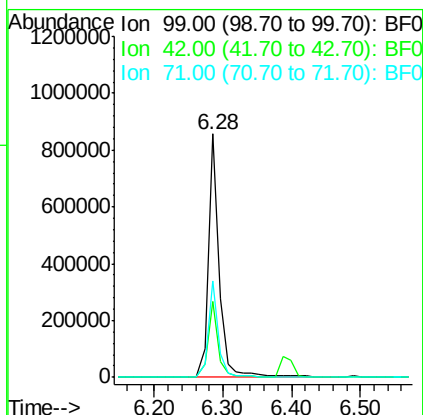
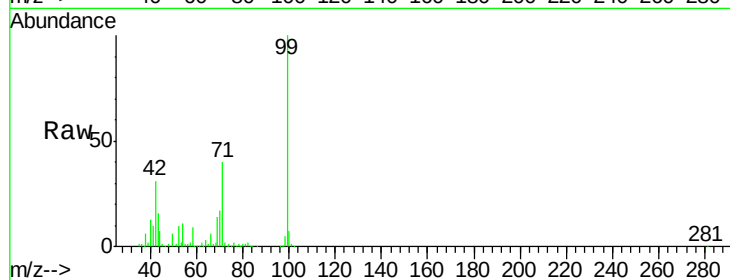
Tgt Ion: 99 Resp: 954260

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

71 39.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Tgt Ion: 136 Resp: 654024

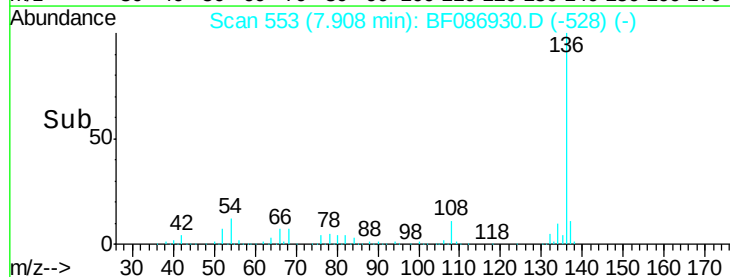
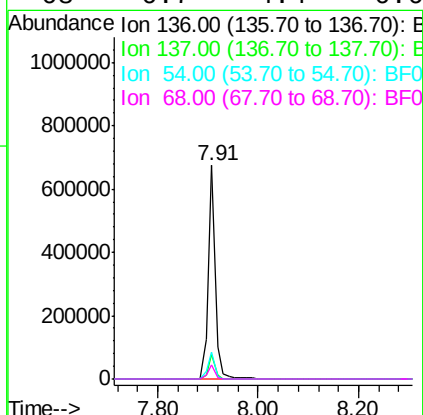
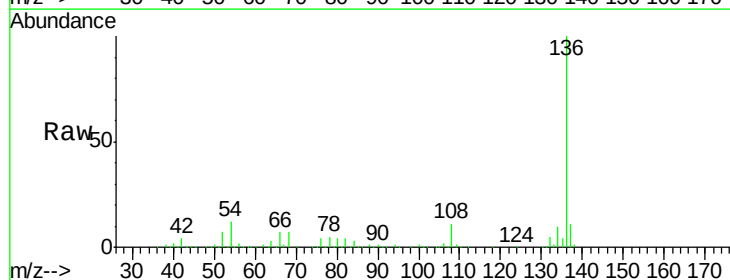
Ion Ratio Lower Upper

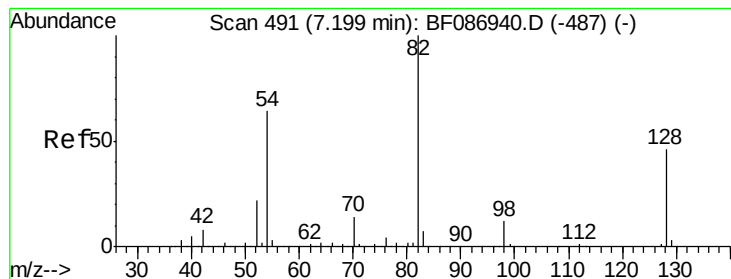
136 100

137 11.3 8.8 13.2

54 12.4 5.0 7.4#

68 6.7 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 51.96 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampled :

PB90495BL

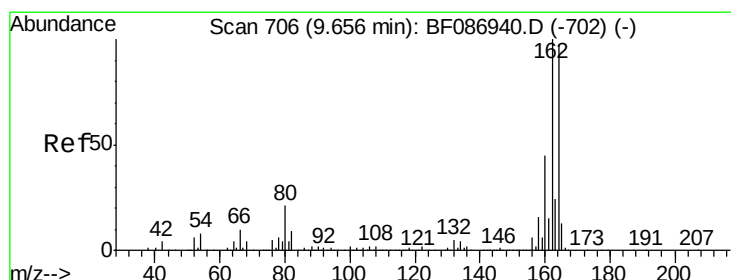
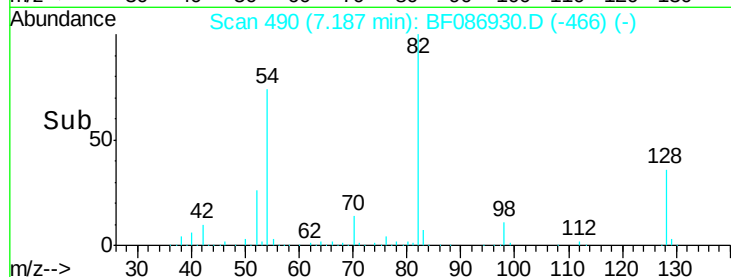
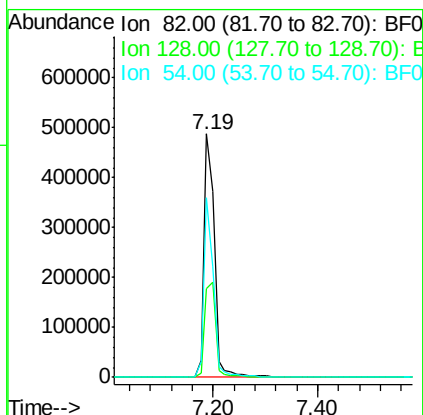
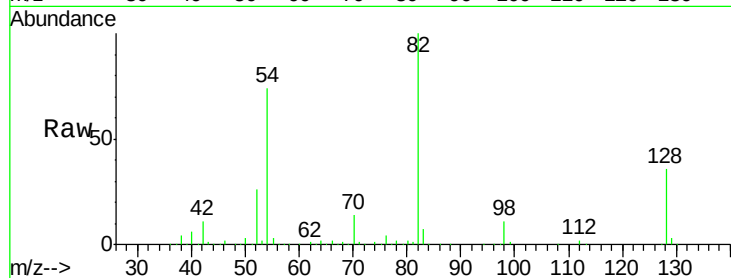
Tgt Ion: 82 Resp: 676839

Ion Ratio Lower Upper

82 100

128 36.2 40.6 61.0#

54 73.7 38.1 57.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

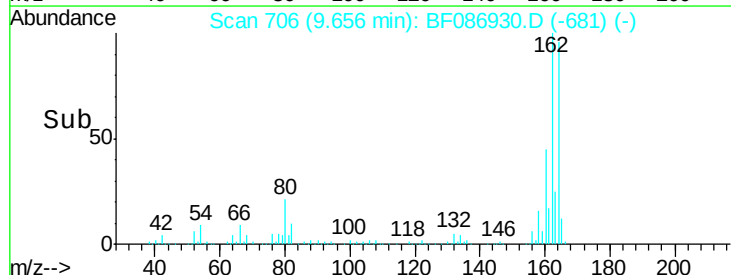
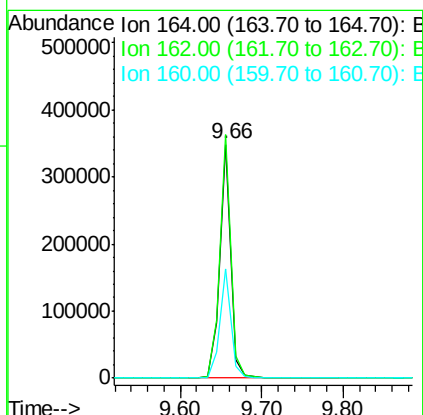
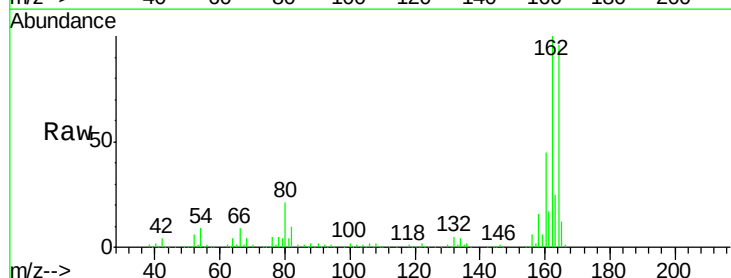
Tgt Ion: 164 Resp: 322194

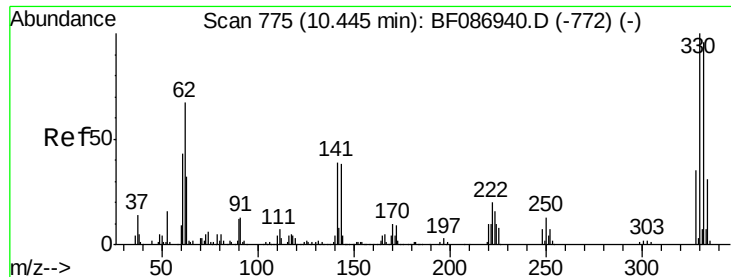
Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

160 47.0 36.9 55.3

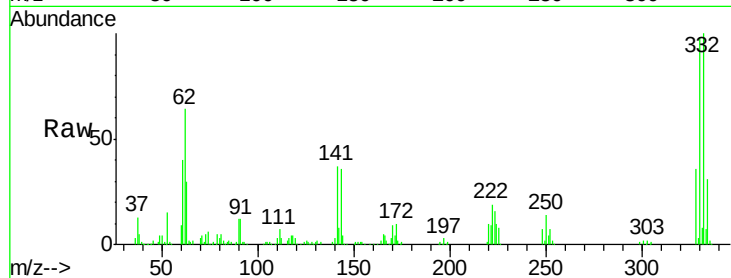




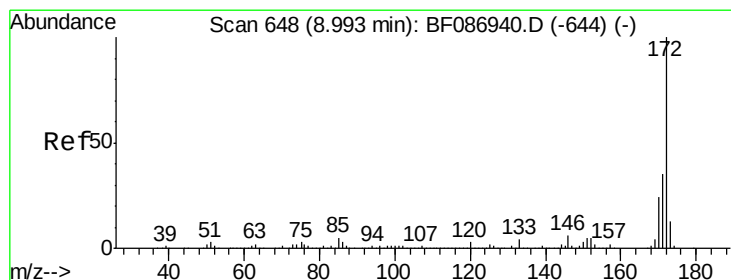
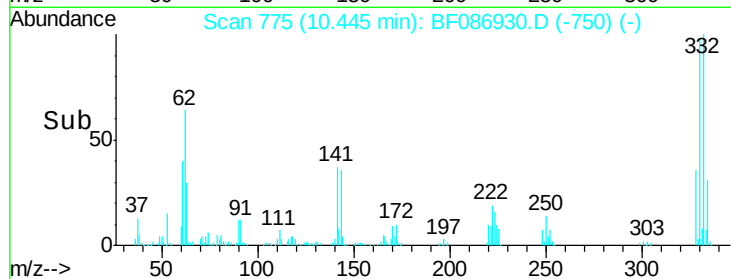
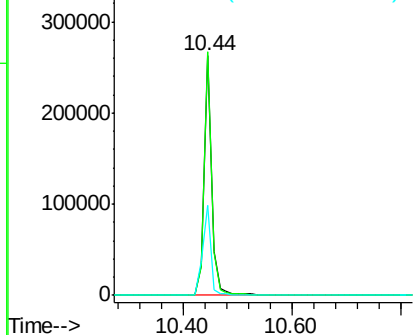
#41
 2,4,6-Tribromophenol
 Concen: 74.07 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90495BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.4	79.0	118.4
141	40.6	31.2	46.8

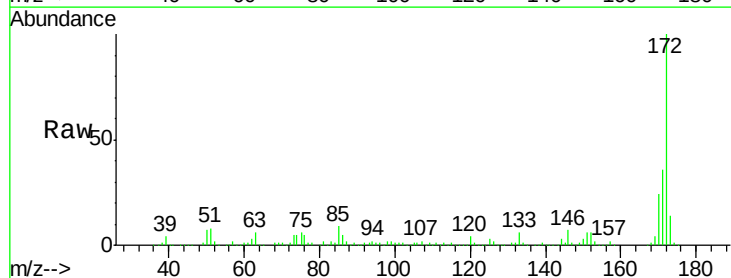


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

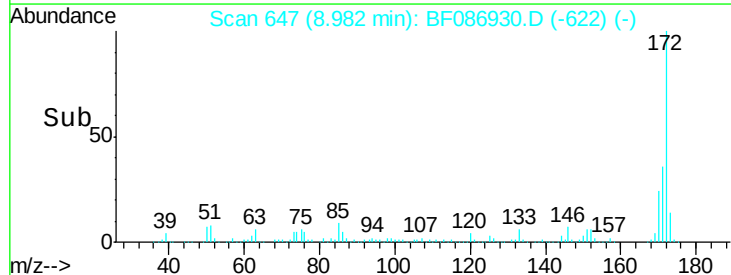
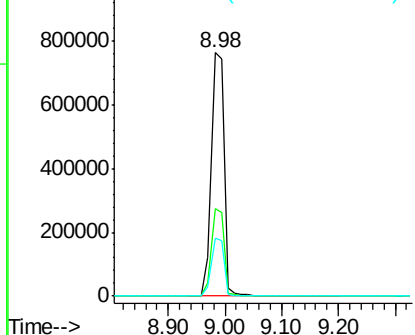


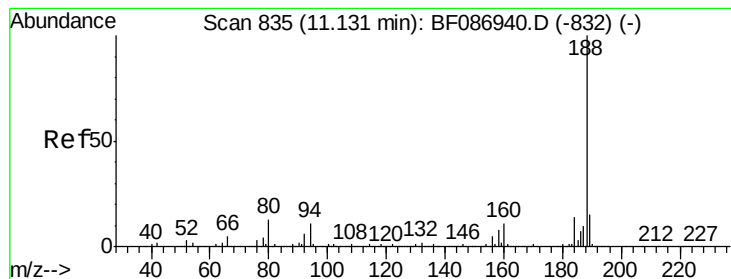
#44
 2-Fluorobiphenyl
 Concen: 60.60 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF086930.D
 Acq: 12 May 2016 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.8	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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

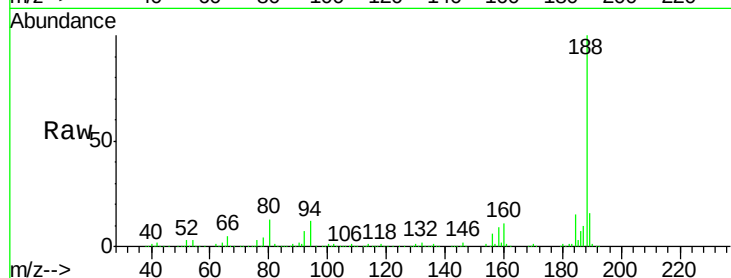
Tgt Ion:188 Resp: 616165

Ion Ratio Lower Upper

188 100

94 11.6 6.8 10.2#

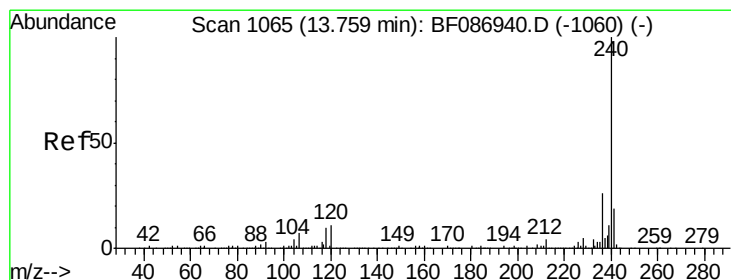
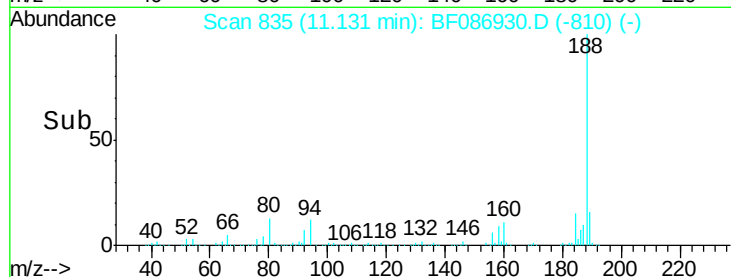
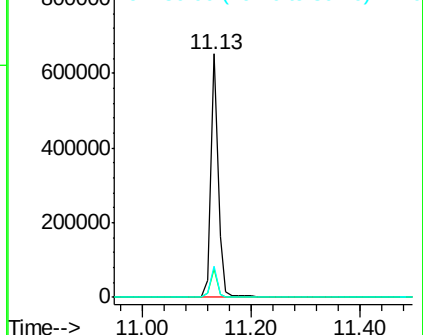
80 12.9 7.1 10.7#



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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

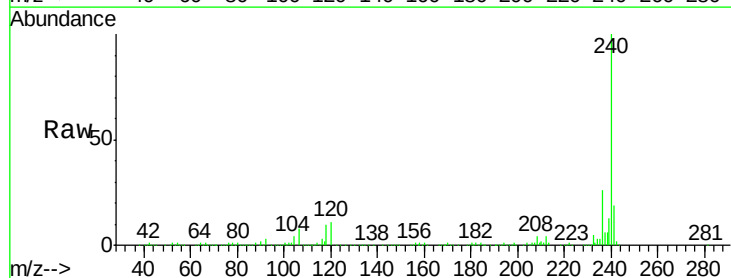
Tgt Ion:240 Resp: 514361

Ion Ratio Lower Upper

240 100

120 11.2 11.2 16.8#

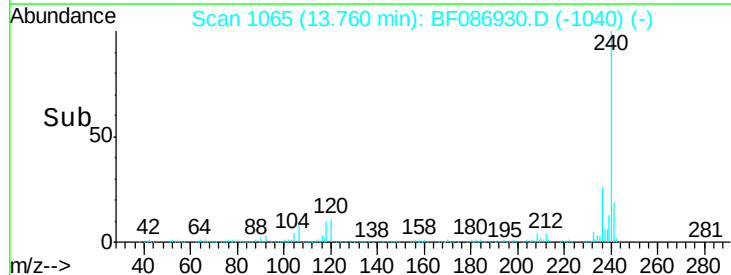
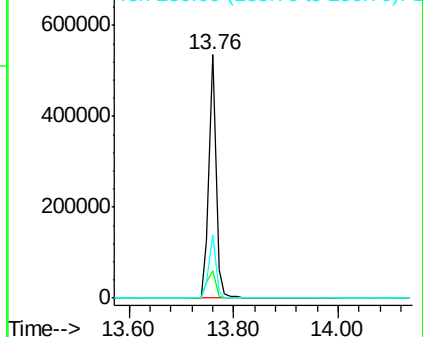
236 26.1 21.2 31.8

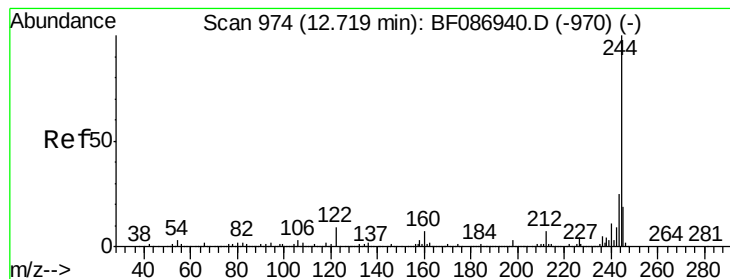


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 47.63 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

PB90495BL

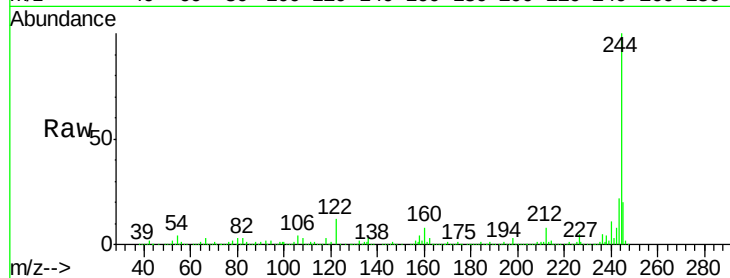
Tgt Ion:244 Resp: 1154567

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

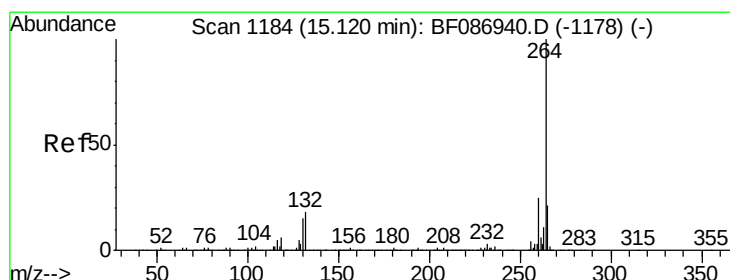
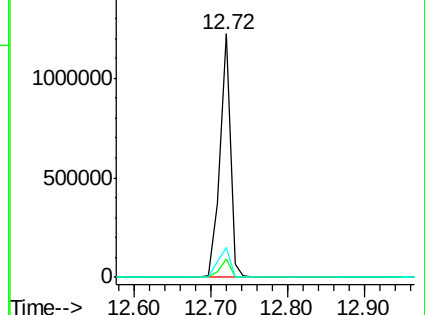
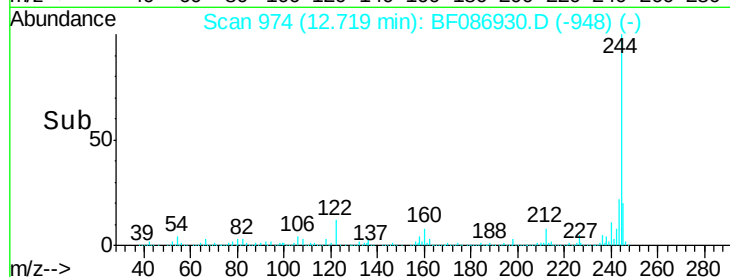
122 12.2 12.0 18.0



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: 15.12 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF086930.D

Acq: 12 May 2016 15:03

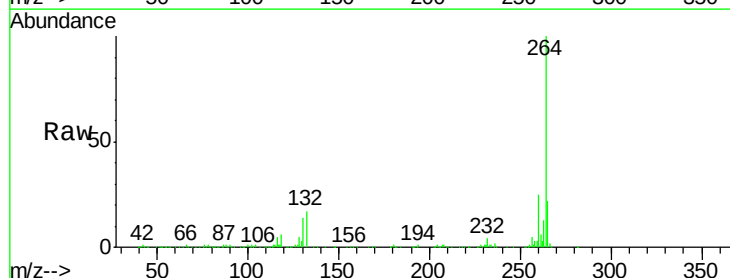
Tgt Ion:264 Resp: 391434

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 22.5 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

