

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086747.D
 Acq On : 7 May 2016 2:18
 Operator : UM/SJ
 Sample : PB90223BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BL

Quant Time: May 07 04:26:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170952	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	687032	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	342941	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	654500	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	480694	40.00	ng	-0.01
86) Perylene-d12	15.23	264	345893	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1168341	113.14	ng	0.00
7) Phenol-d6	6.37	99	1682021	120.92	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1015821	75.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	444263	132.43	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1749457	83.62	ng	-0.01
78) Terphenyl-d14	12.81	244	1599661	67.26	ng	0.00

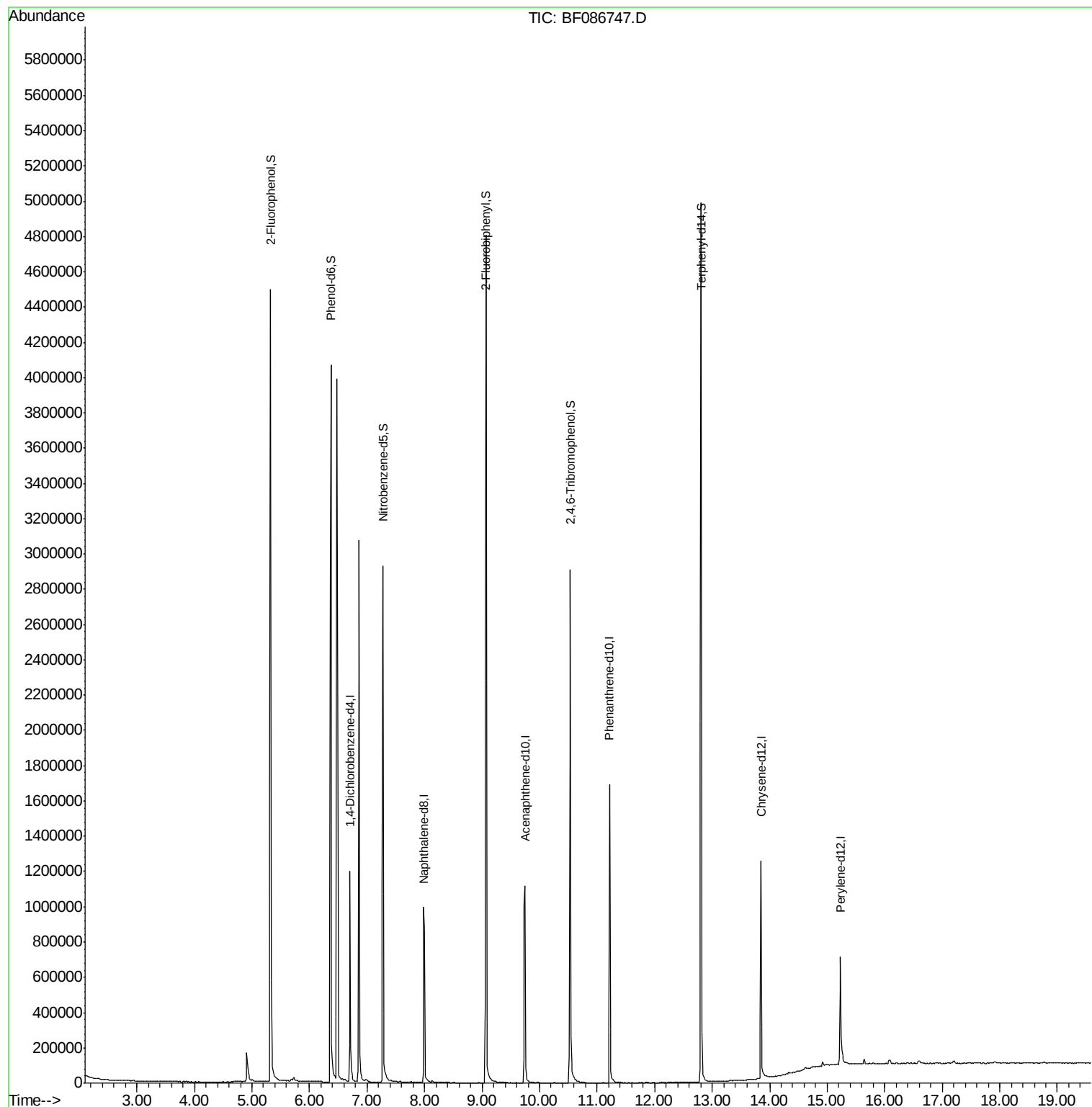
Target Compounds	Qvalue
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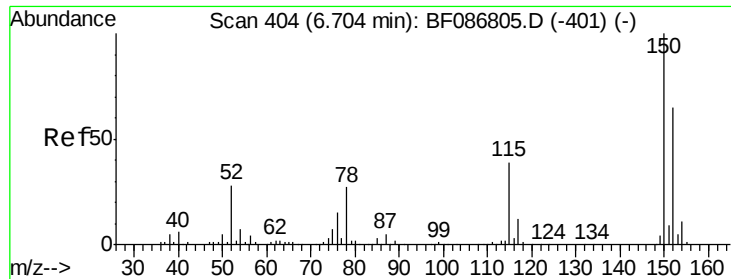
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB90223BL

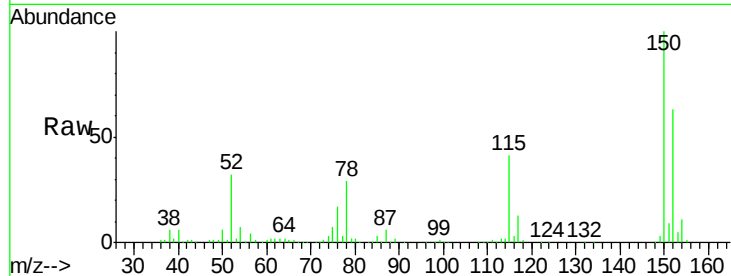
Tgt Ion:152 Resp: 170952

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

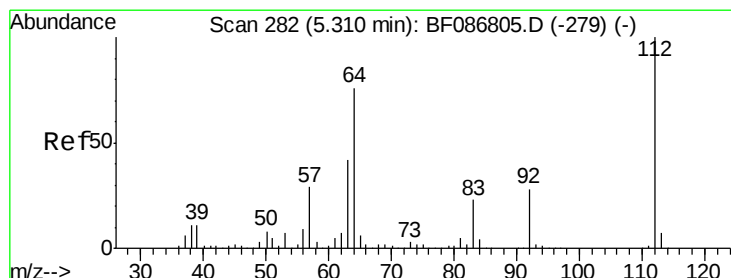
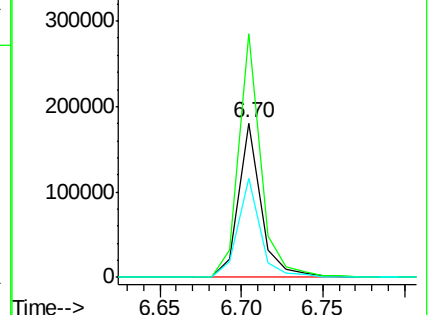
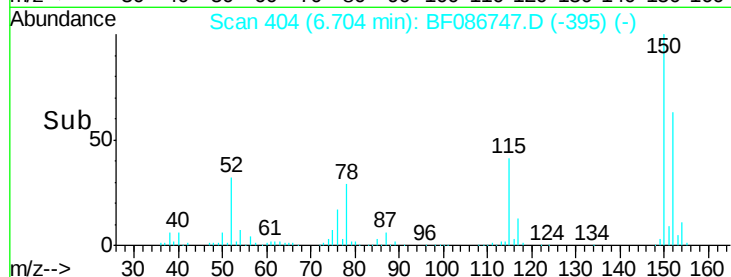
115 64.3 51.5 77.3



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: 113.14 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

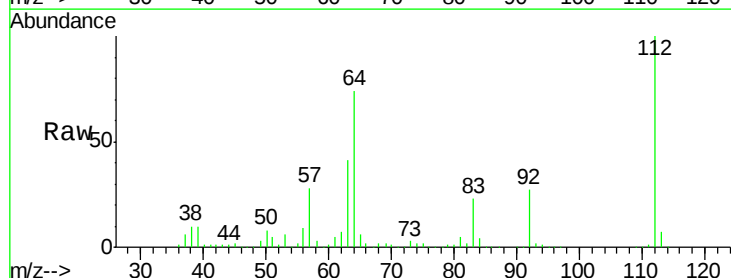
Tgt Ion:112 Resp: 1168341

Ion Ratio Lower Upper

112 100

64 73.9 52.1 78.1

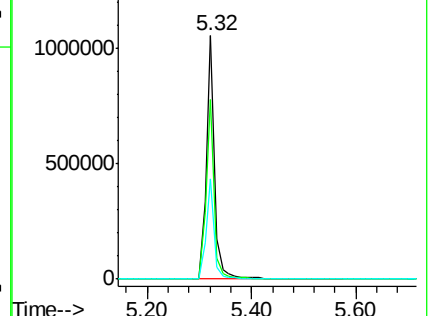
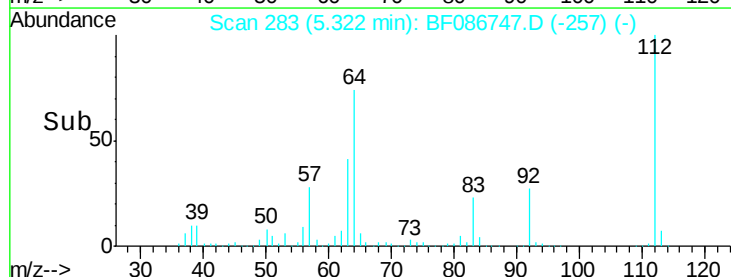
63 41.0 25.7 38.5

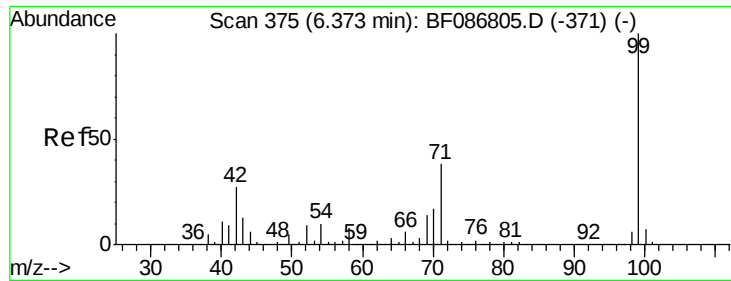


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.92 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

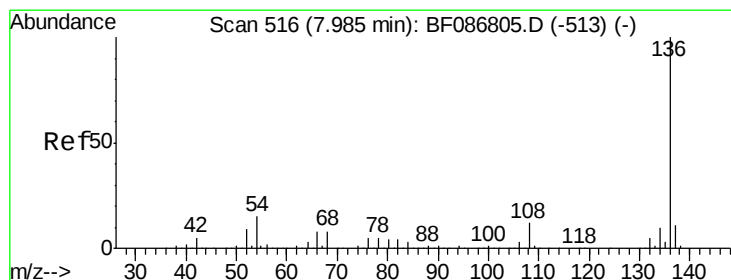
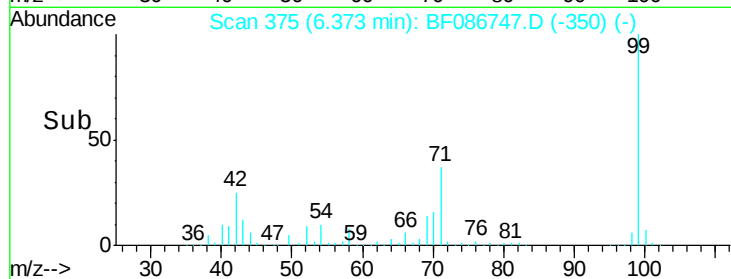
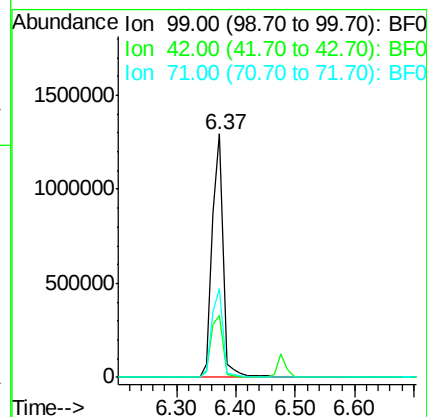
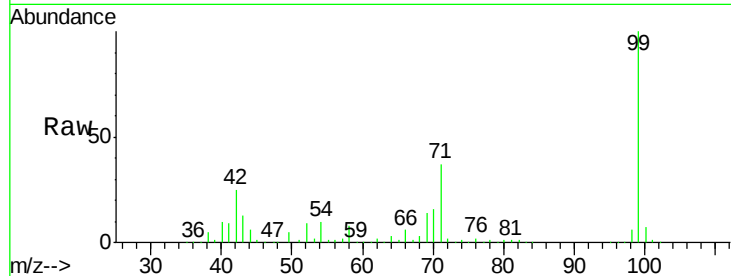
BNA_F

ClientSampleId :

PB90223BL

Tgt Ion: 99 Resp: 1682021

Ion	Ratio	Lower	Upper
99	100		
42	25.2	13.6	20.4#
71	36.5	24.6	36.8



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

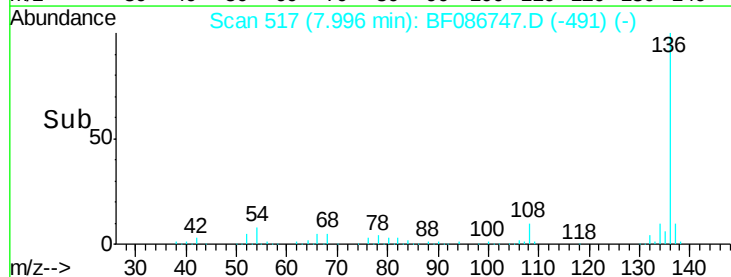
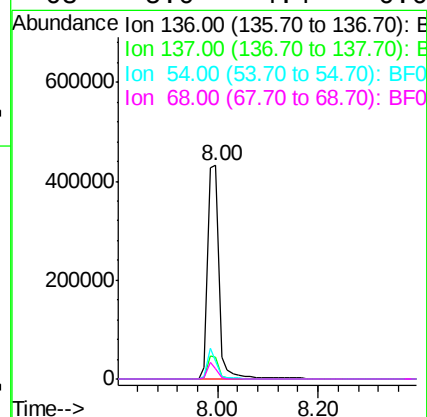
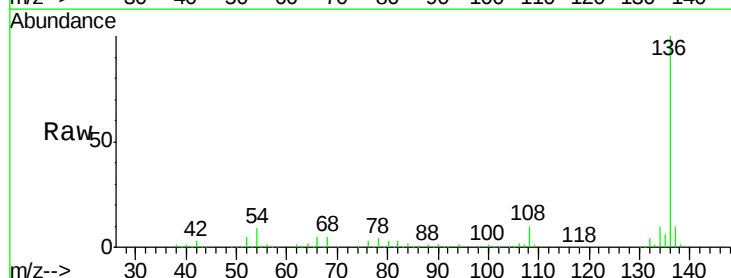
Delta R.T. 0.00 min

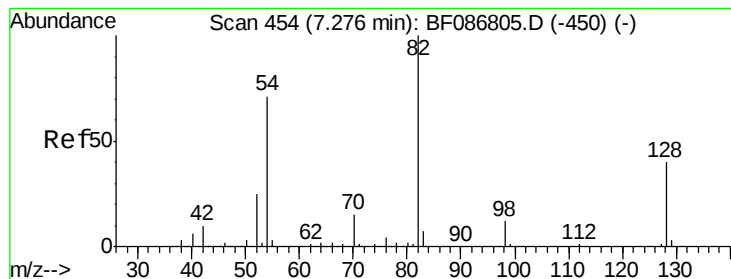
Lab File: BF086747.D

Acq: 7 May 2016 2:18

Tgt Ion: 136 Resp: 687032

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.6	5.0	7.4#
68	5.0	4.4	6.6





#23

Nitrobenzene-d5

Concen: 75.98 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB90223BL

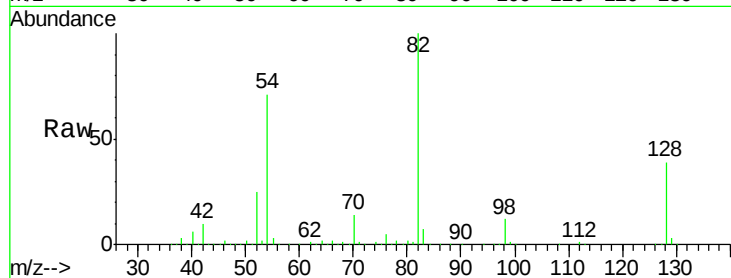
Tgt Ion: 82 Resp: 1015821

Ion Ratio Lower Upper

82 100

128 39.0 40.6 61.0#

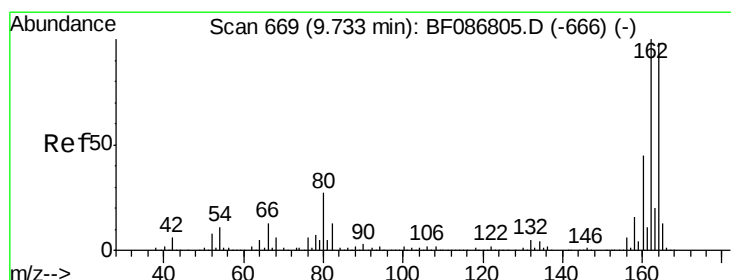
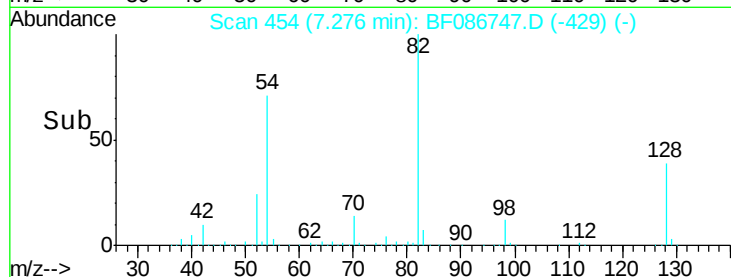
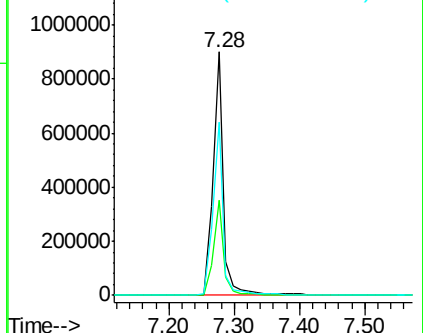
54 71.0 38.1 57.1#



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: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

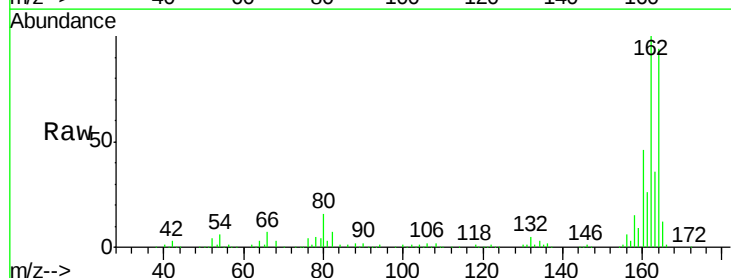
Tgt Ion: 164 Resp: 342941

Ion Ratio Lower Upper

164 100

162 106.0 82.8 124.2

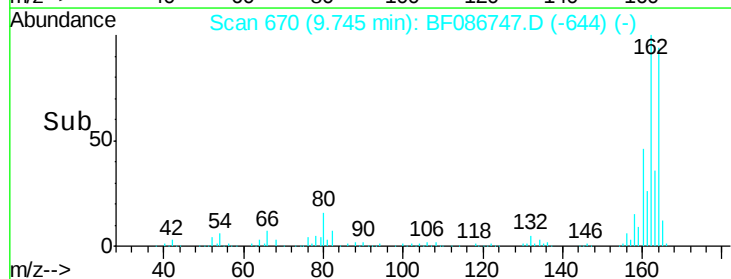
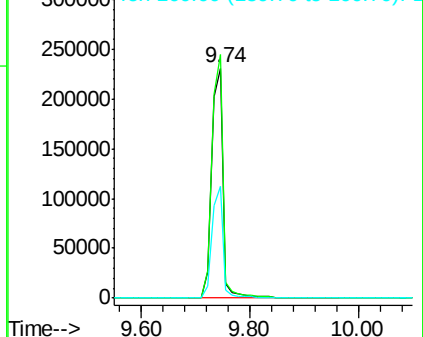
160 48.4 36.9 55.3

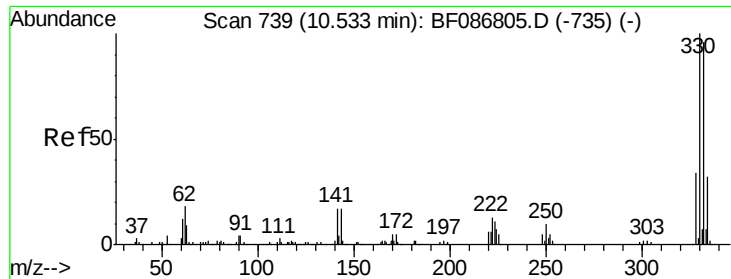


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

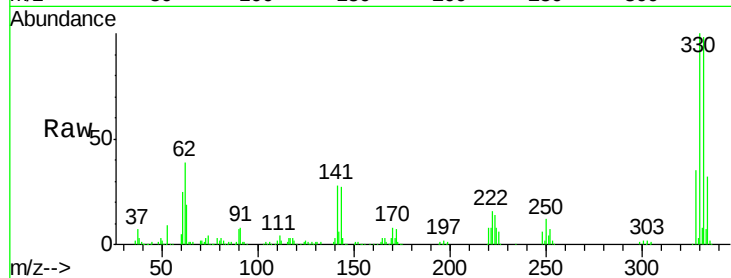




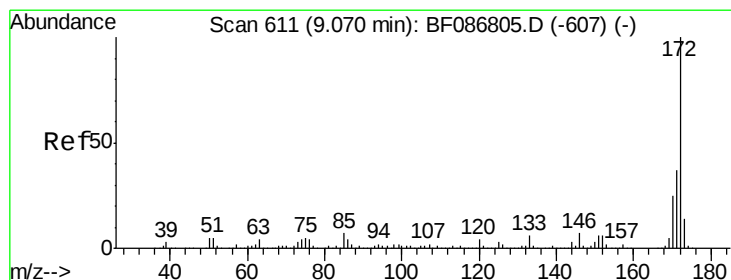
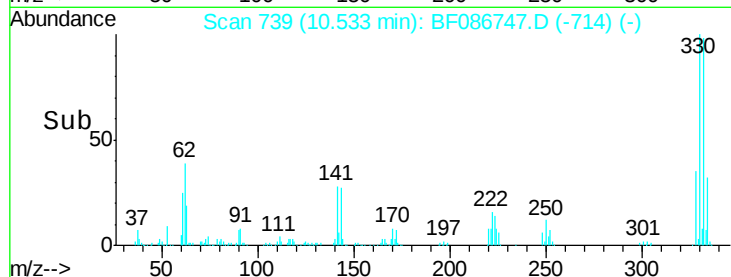
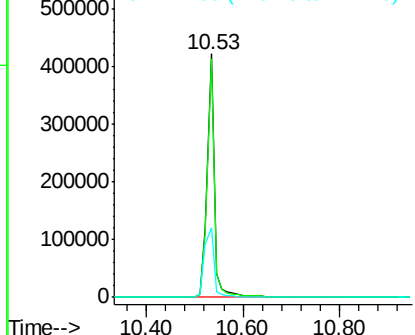
#41
 2,4,6-Tribromophenol
 Concen: 132.43 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086747.D
 Acq: 7 May 2016 2:18

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BL

Tgt Ion:330 Resp: 444263
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 38.1 31.2 46.8

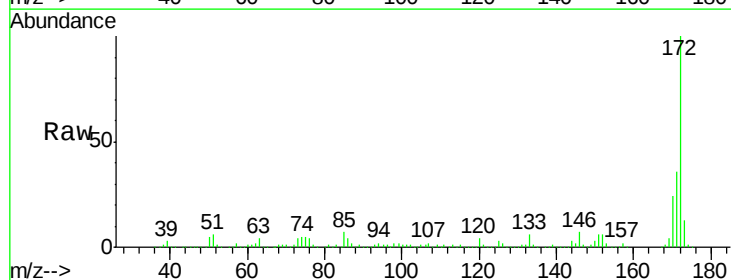


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

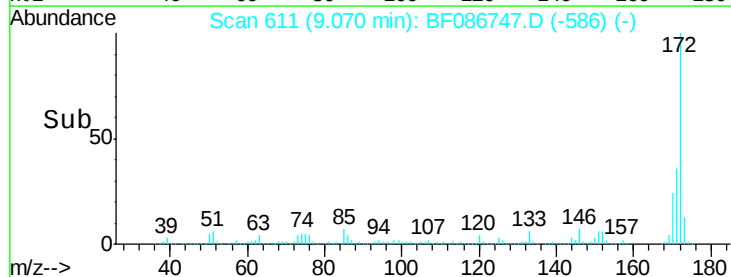
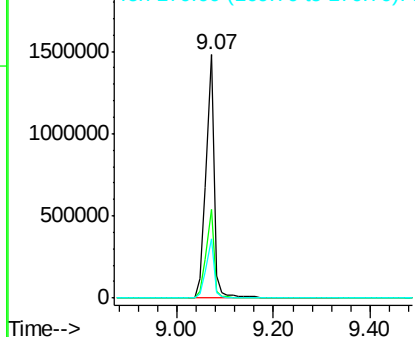


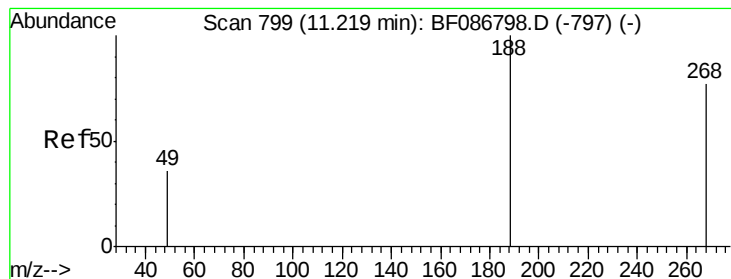
#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086747.D
 Acq: 7 May 2016 2:18

Tgt Ion:172 Resp: 1749457
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.4 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: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB90223BL

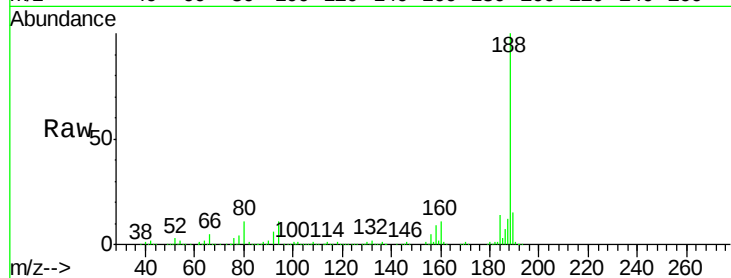
Tgt Ion:188 Resp: 654500

Ion Ratio Lower Upper

188 100

94 10.6 6.8 10.2#

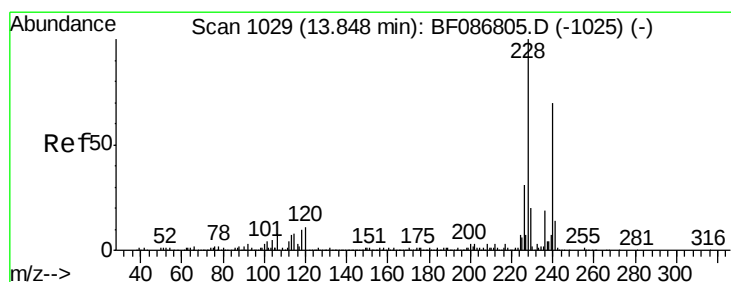
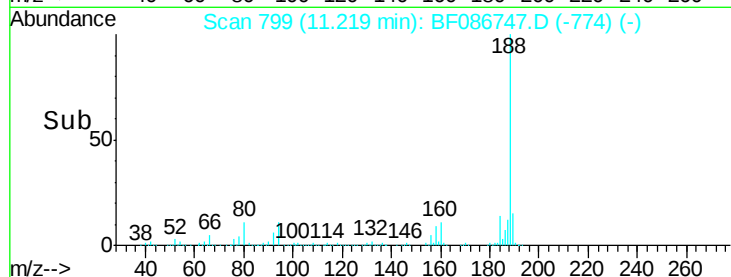
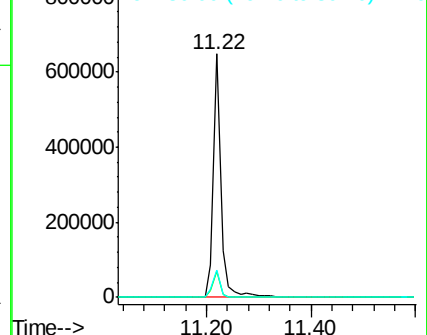
80 11.4 7.1 10.7#



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

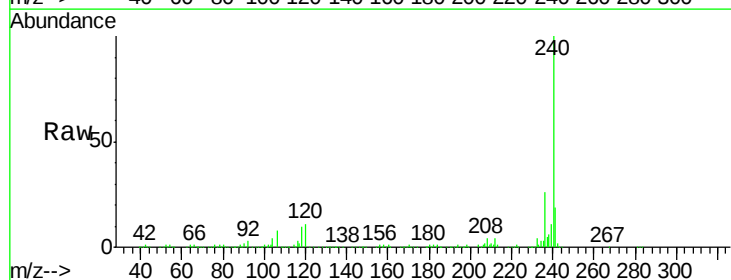
Tgt Ion:240 Resp: 480694

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

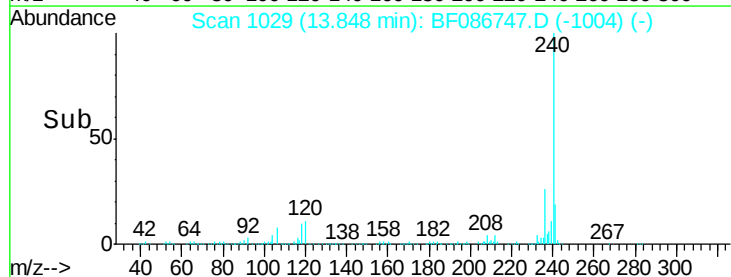
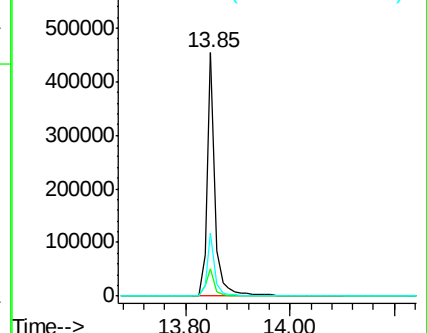
236 25.9 21.2 31.8

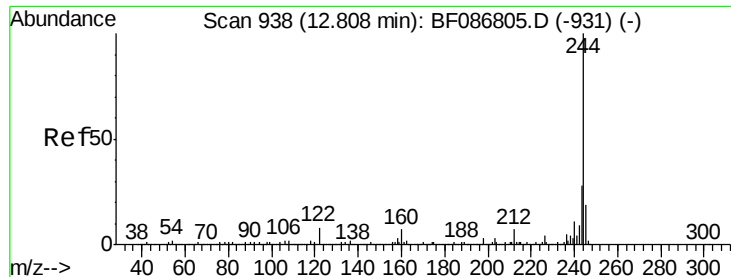


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.26 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

PB90223BL

Tgt Ion:244 Resp: 1599661

Ion Ratio Lower Upper

244 100

212 8.0

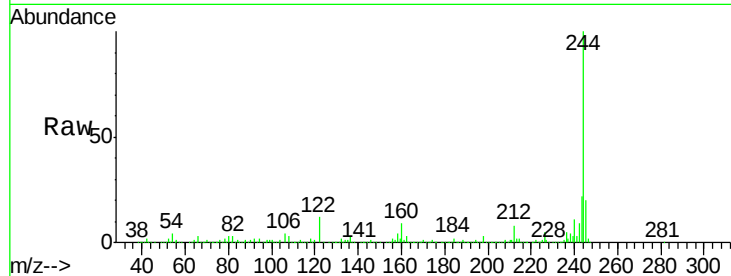
6.2

9.2

122 11.9

12.0

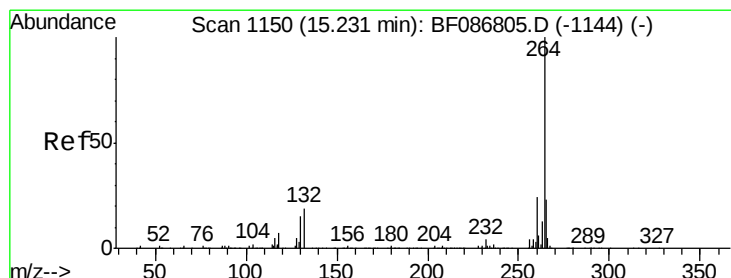
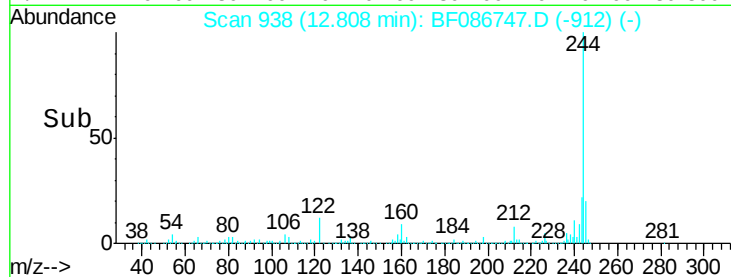
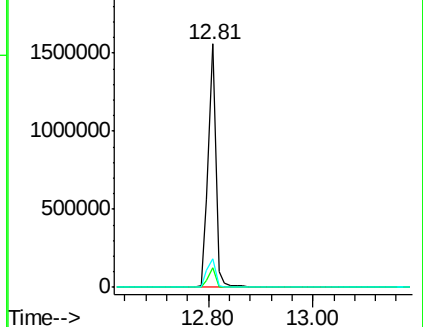
18.0#



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086747.D

Acq: 7 May 2016 2:18

Tgt Ion:264 Resp: 345893

Ion Ratio Lower Upper

264 100

260 23.7

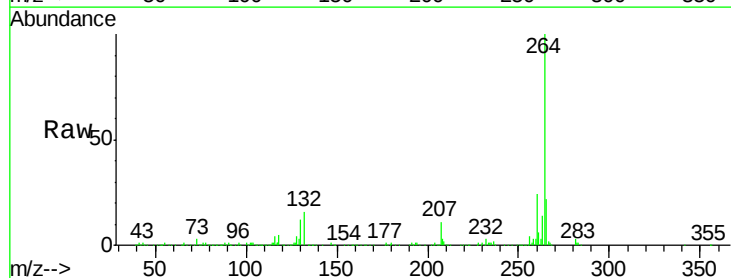
19.5

29.3

265 21.6

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

