

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086977.D
 Acq On : 13 May 2016 18:09
 Operator : UM/SJ
 Sample : PB90587BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BL

Quant Time: May 13 23:04:06 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 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	132955	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	555924	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	272307	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	546436	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	512148	20.00	ng	-0.01
86) Perylene-d12	15.11	264	430127	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	964580	122.86	ng	0.01
7) Phenol-d6	6.27	99	1087975	103.69	ng	-0.01
23) Nitrobenzene-d5	7.19	82	864993	78.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	303638	105.33	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1350586	83.36	ng	0.00
78) Terphenyl-d14	12.71	244	1346164	55.77	ng	-0.01

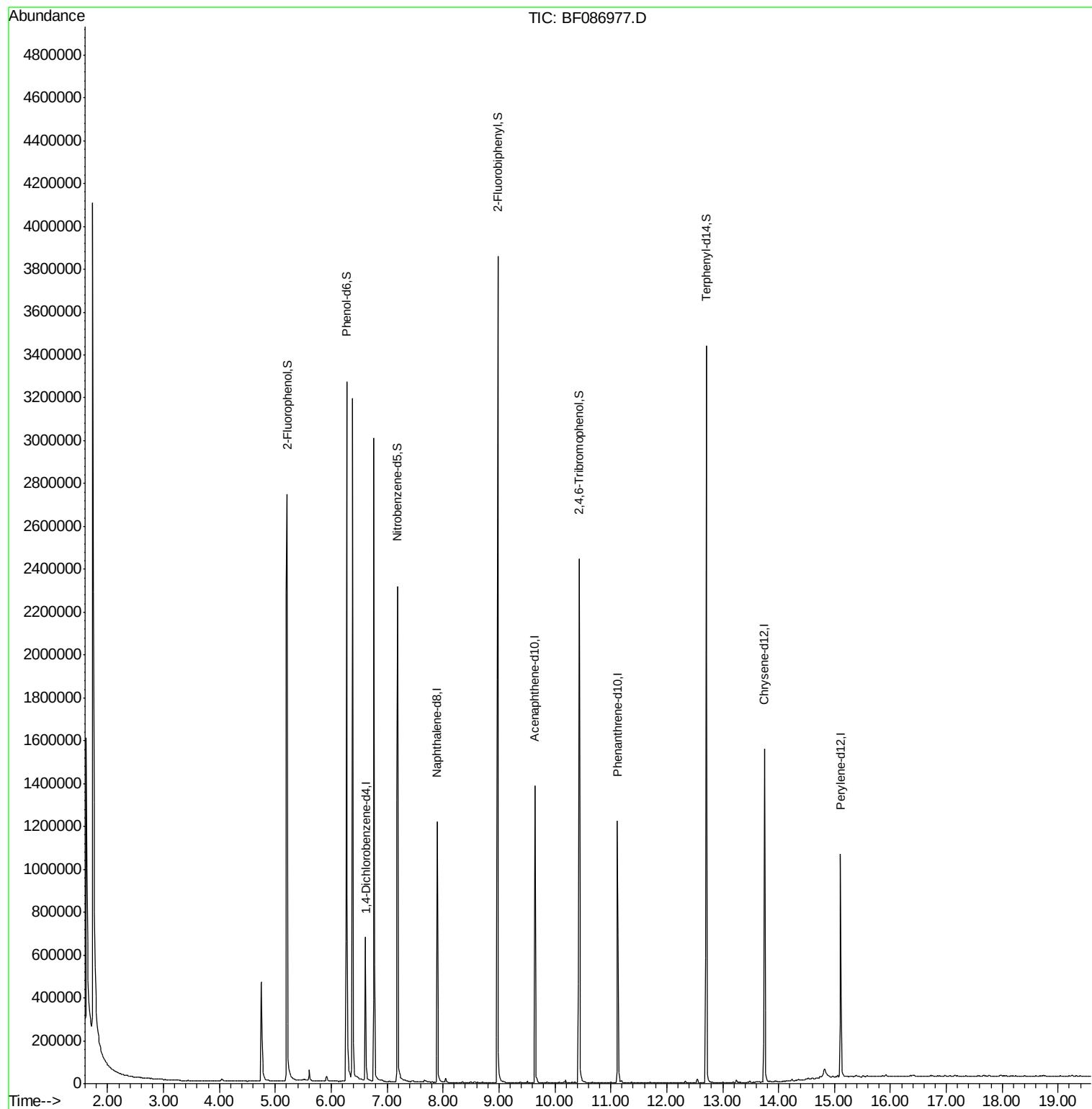
Target Compounds Qvalue

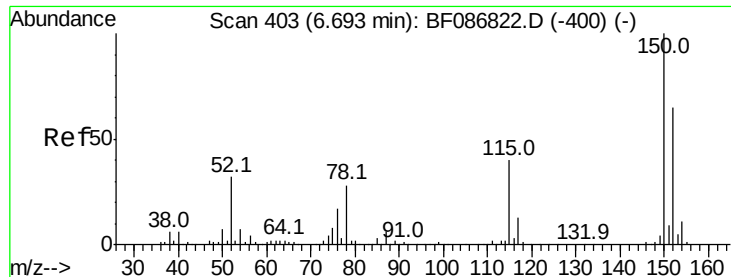
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

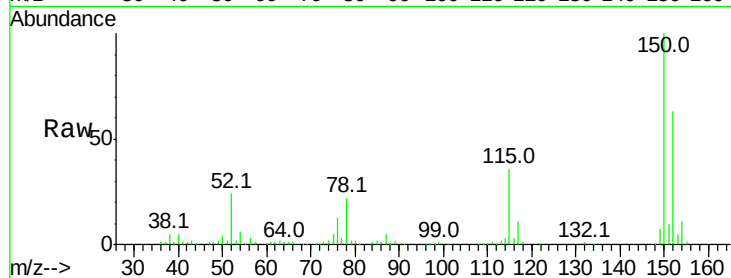
Tot Ion:152 Resp: 132955

Ion Ratio Lower Upper

152 100

150 158.8 125.8 188.6

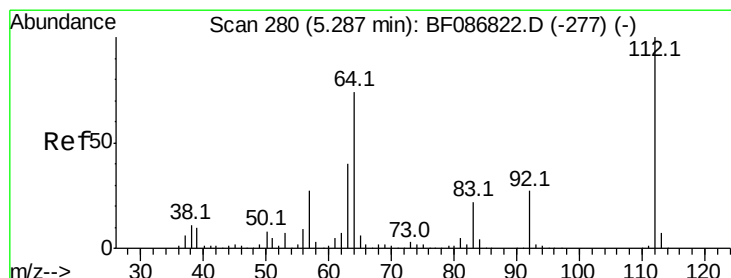
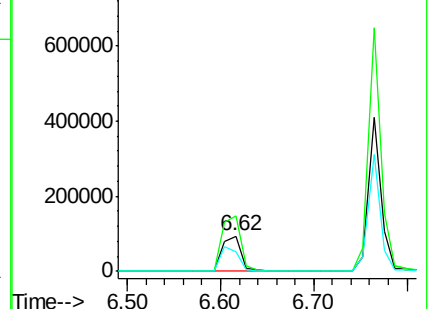
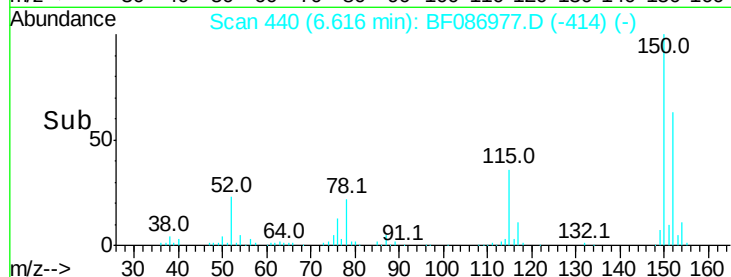
115 56.8 51.5 77.3



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: 122.86 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

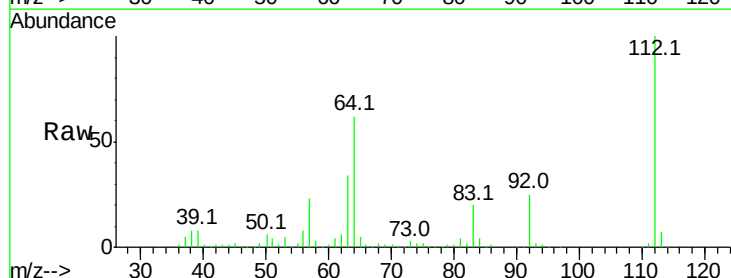
Tgt Ion:112 Resp: 964580

Ion Ratio Lower Upper

112 100

64 62.3 52.1 78.1

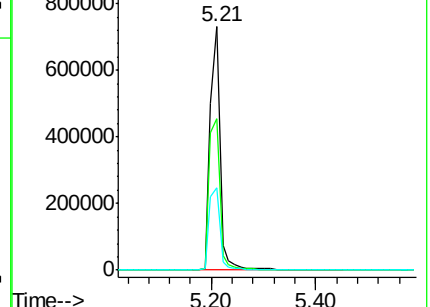
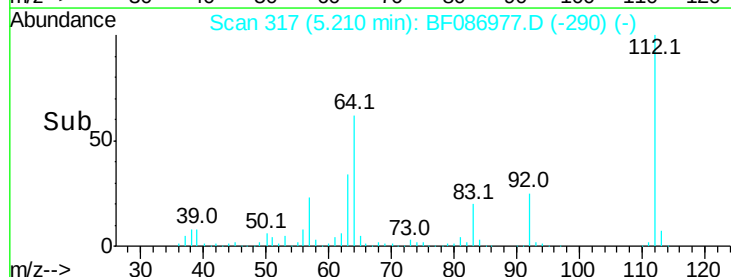
63 33.9 25.7 38.5

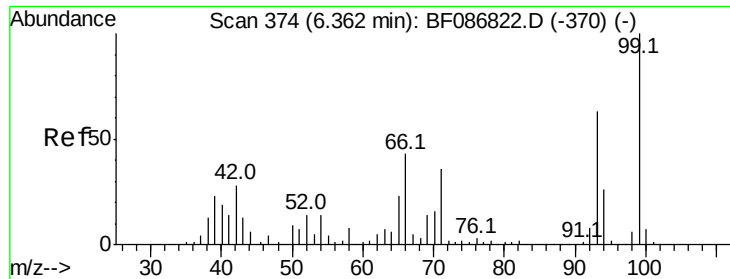


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.69 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

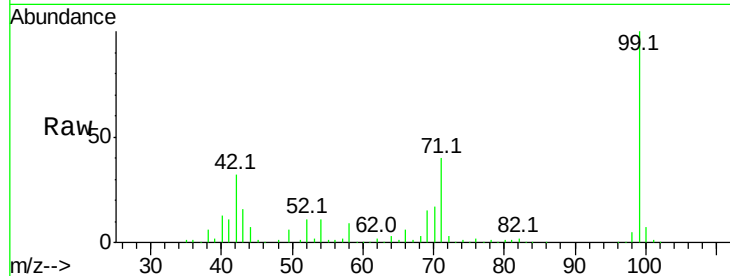
Tot Ion: 99 Resp: 1087975

Ion Ratio Lower Upper

99 100

42 32.2 13.6 20.4#

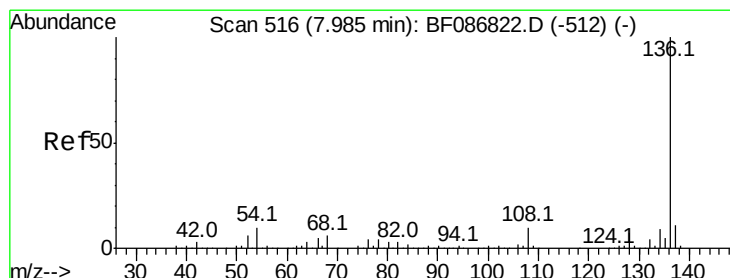
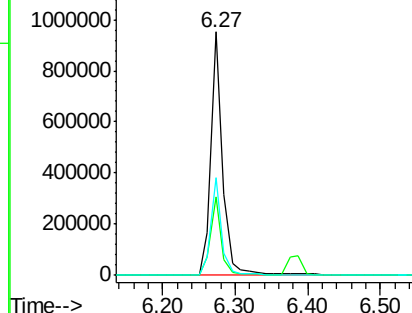
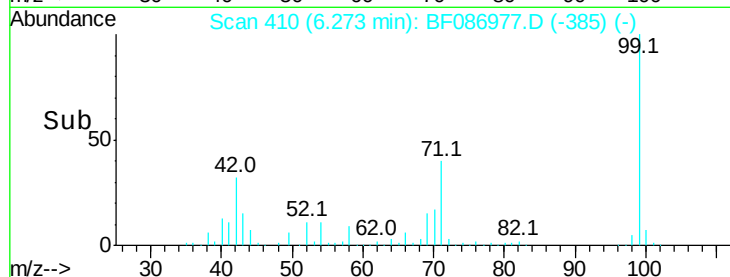
71 40.3 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Tgt Ion: 136 Resp: 555924

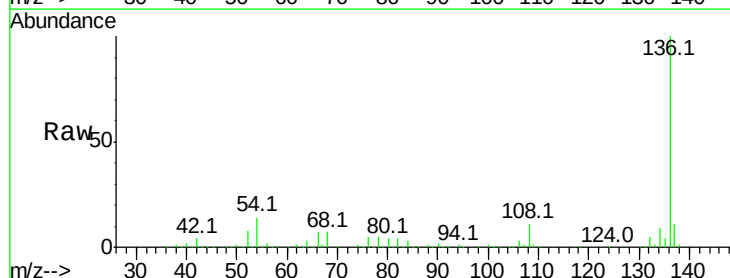
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.0 5.0 7.4#

68 7.3 4.4 6.6#

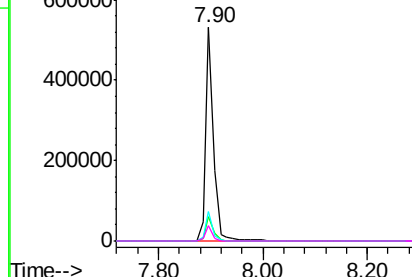
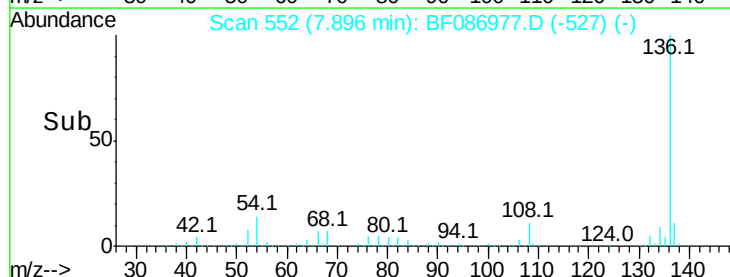


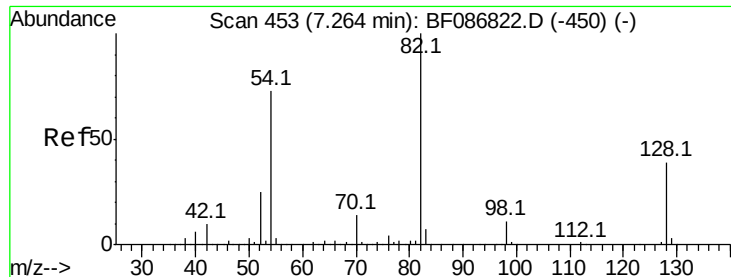
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.13 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

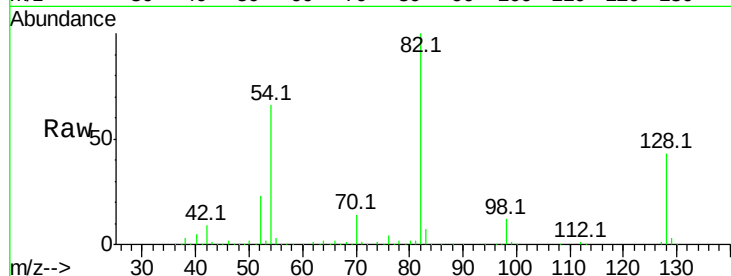
Tot Ion: 82 Resp: 864993

Ion Ratio Lower Upper

82 100

128 43.0 40.6 61.0

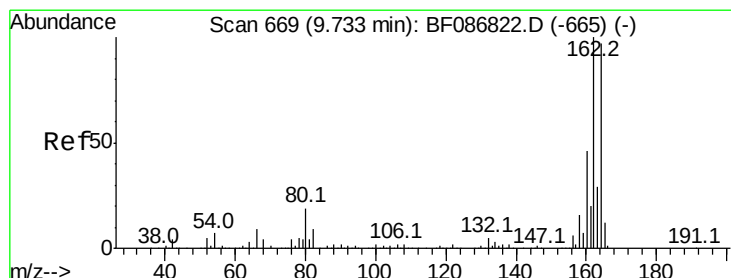
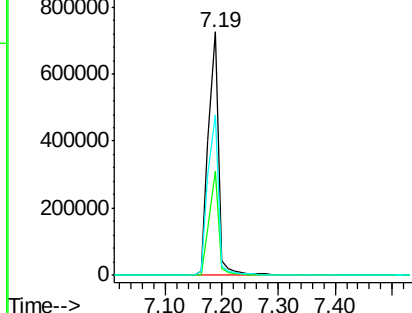
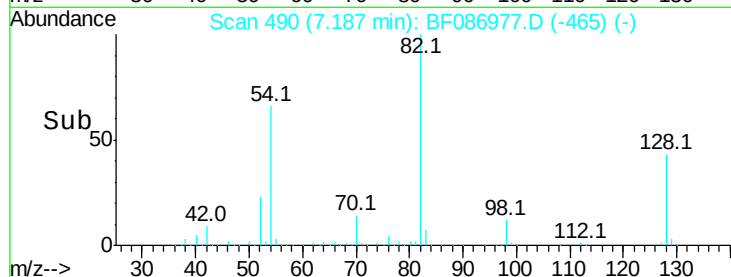
54 66.0 38.1 57.1#



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: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

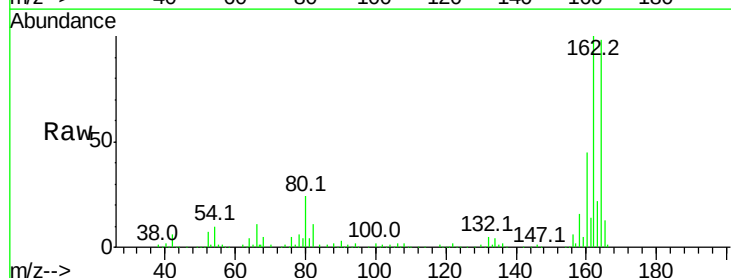
Tgt Ion: 164 Resp: 272307

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

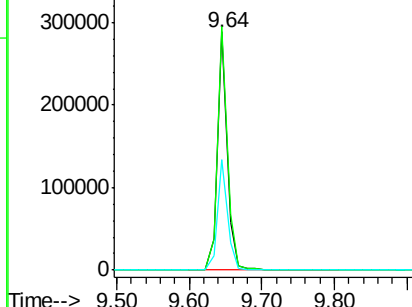
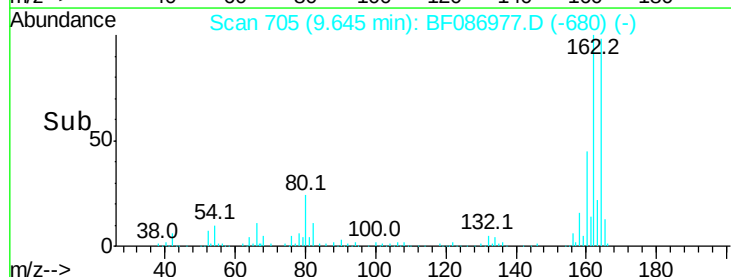
160 46.2 36.9 55.3

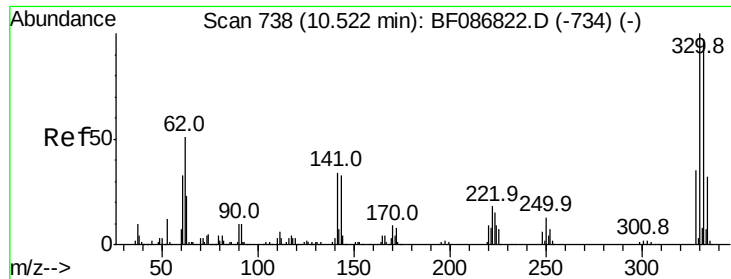


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

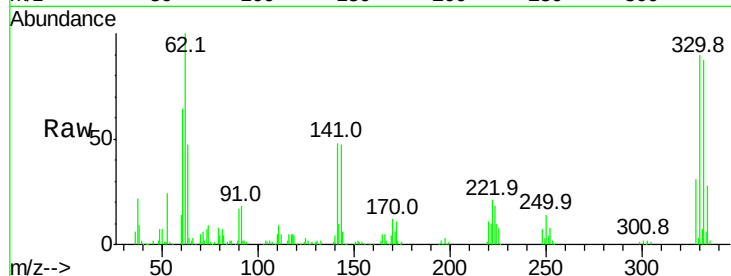




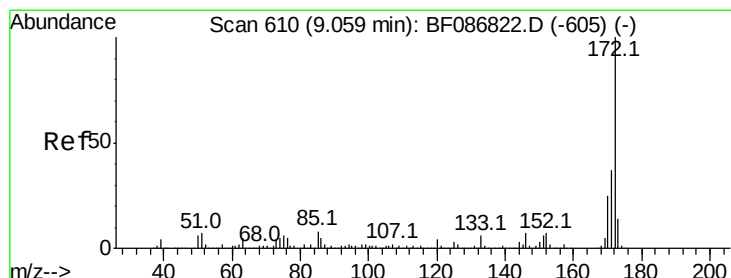
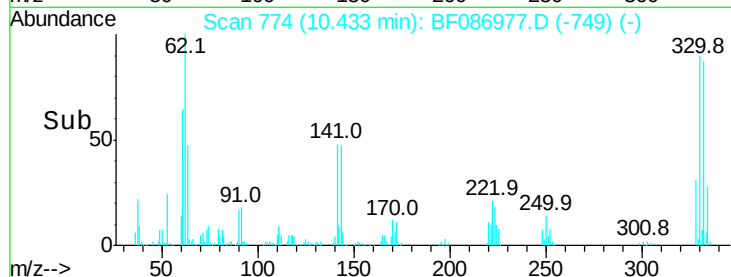
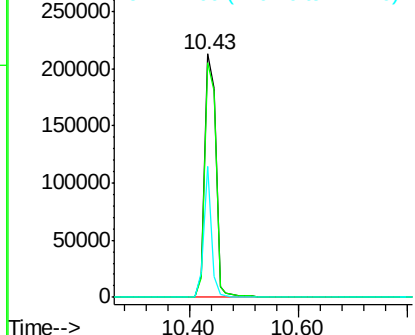
#41
 2,4,6-Tribromophenol
 Concen: 105.33 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF086977.D
 Acq: 13 May 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	36.6	31.2	46.8

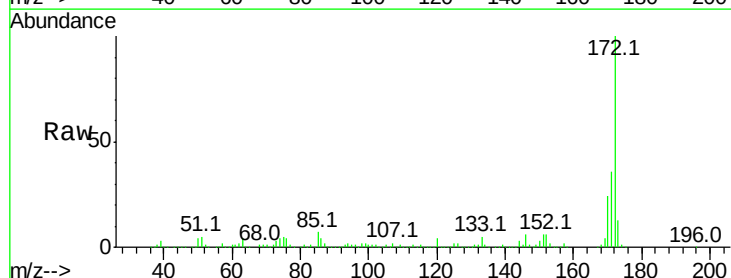


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

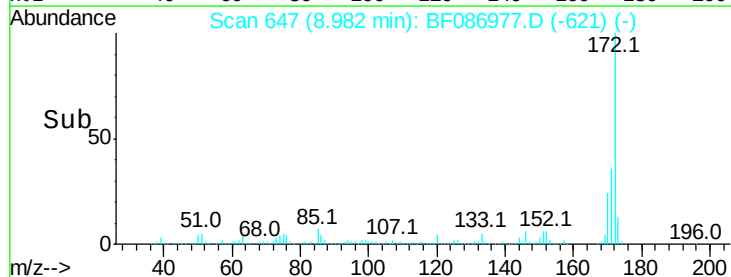
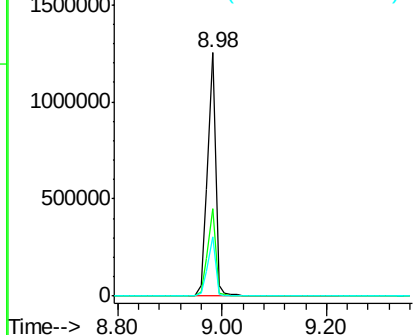


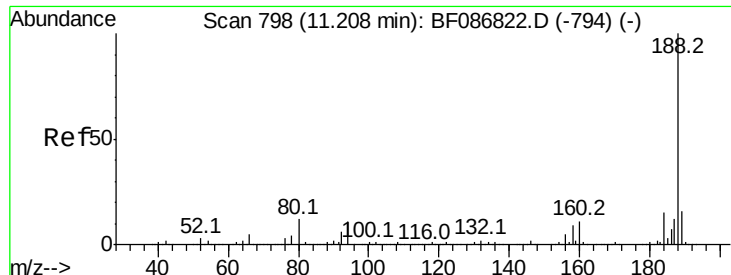
#44
 2-Fluorobiphenyl
 Concen: 83.36 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086977.D
 Acq: 13 May 2016 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	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

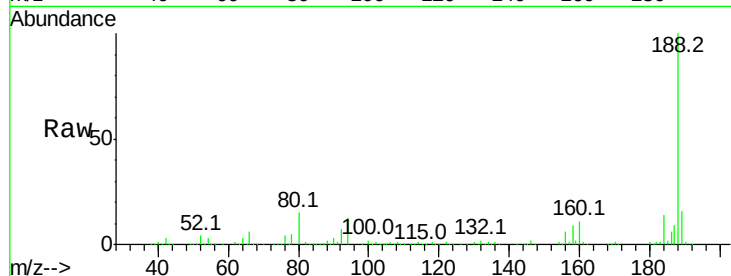




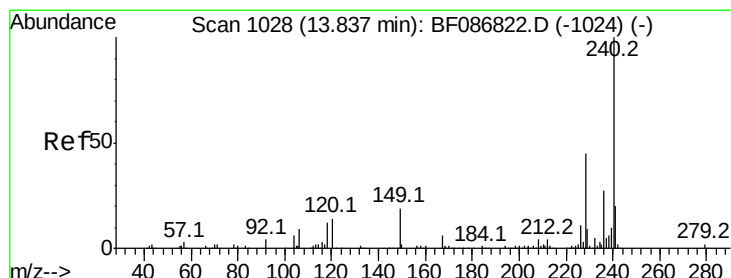
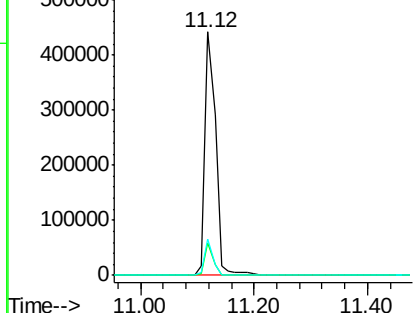
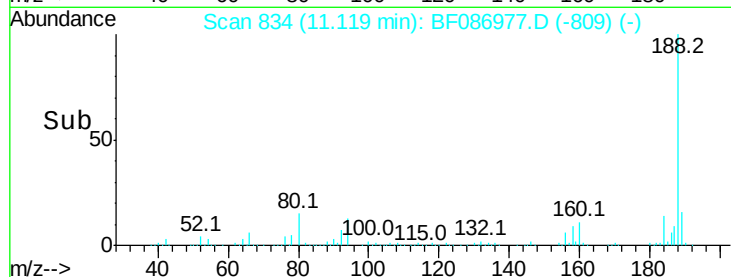
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Instrument :
BNA_F
ClientSampleId :
PB90587BL

Tot Ion:188 Resp: 546436
Ion Ratio Lower Upper
188 100
94 13.1 6.8 10.2#
80 14.8 7.1 10.7#

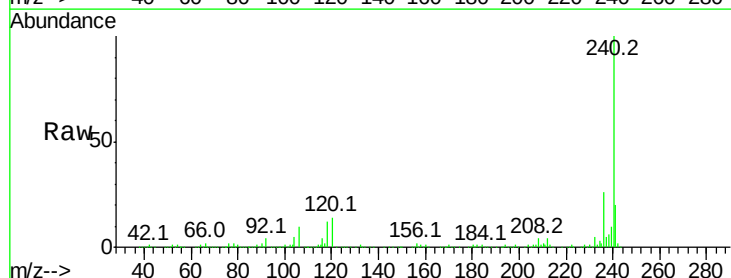


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

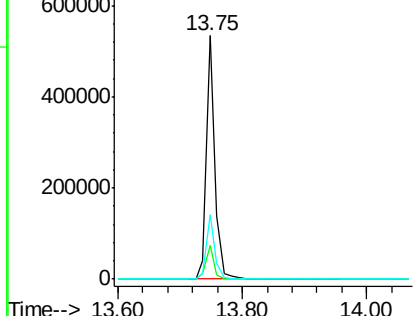
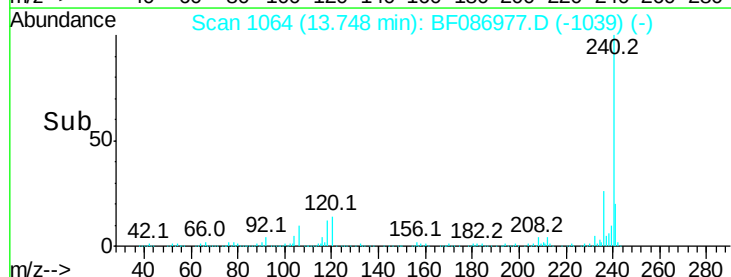


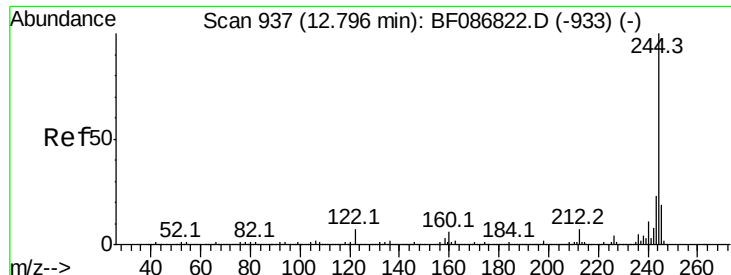
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086977.D
Acq: 13 May 2016 18:09

Tgt Ion:240 Resp: 512148
Ion Ratio Lower Upper
240 100
120 13.7 11.2 16.8
236 26.5 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: 55.77 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB90587BL

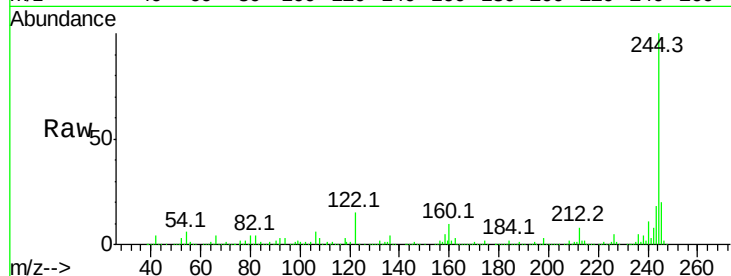
Tot Ion:244 Resp: 1346164

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

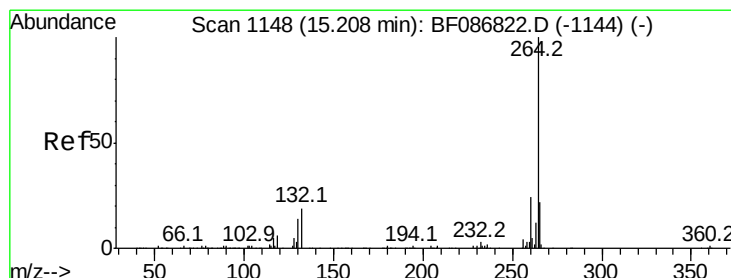
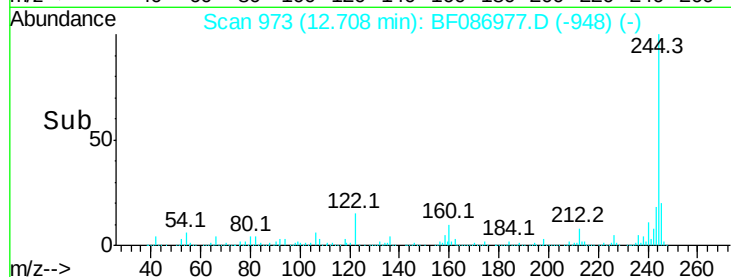
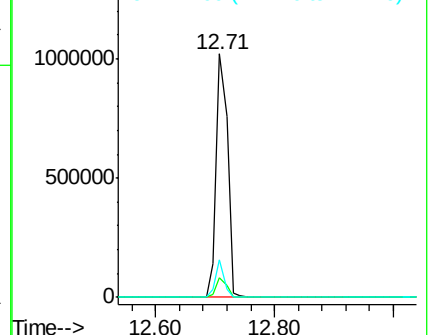
122 15.2 12.0 18.0



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: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF086977.D

Acq: 13 May 2016 18:09

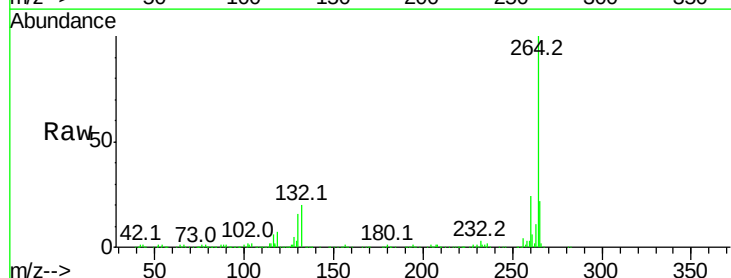
Tgt Ion:264 Resp: 430127

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.5 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

