

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086136.D
 Acq On : 7 Apr 2016 18:09
 Operator : UM/SJ
 Sample : PB89612BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BL

Quant Time: Apr 08 02:32:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115091	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	459345	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	209534	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	421288	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	314401	20.00	ng	-0.03
86) Perylene-d12	15.29	264	215993	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	783785	116.41	ng	-0.03
7) Phenol-d6	6.38	99	1024835	119.83	ng	-0.03
23) Nitrobenzene-d5	7.31	82	648914	83.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	289402	147.15	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1108480	87.96	ng	-0.03
78) Terphenyl-d14	12.84	244	1071260	80.09	ng	-0.03

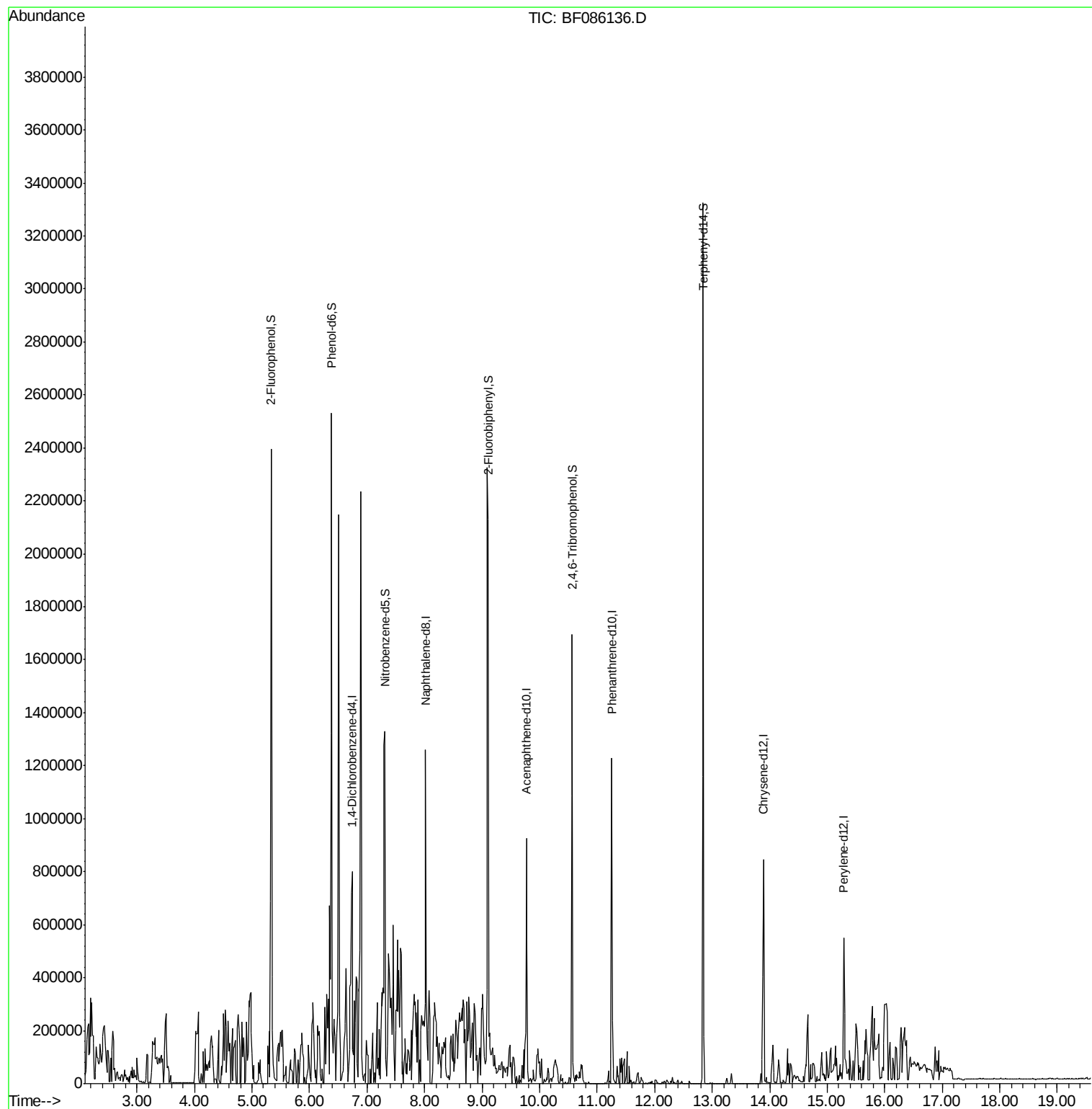
Target Compounds Qvalue

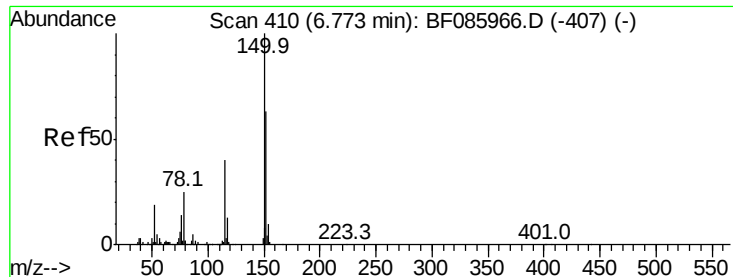
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB89612BL

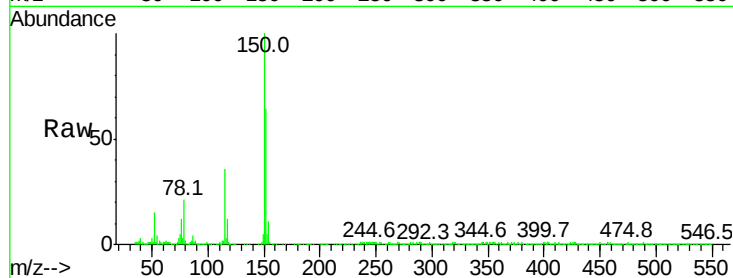
Tot Ion:152 Resp: 115091

Ion Ratio Lower Upper

152 100

150 156.4 124.2 186.2

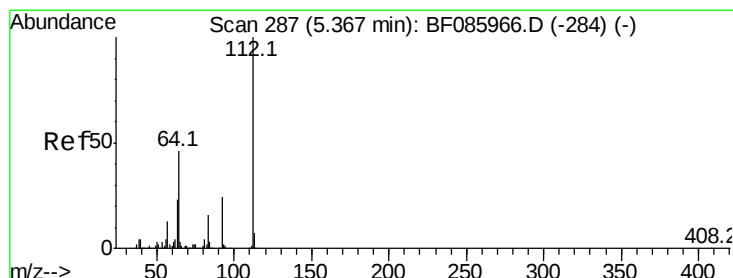
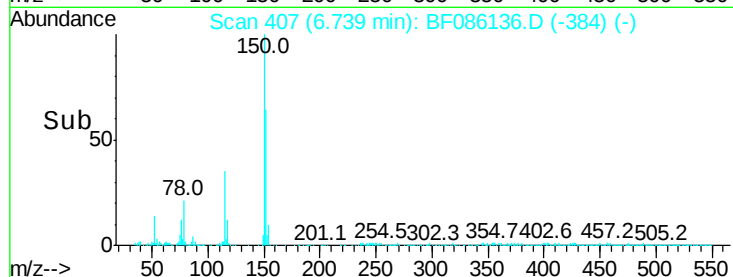
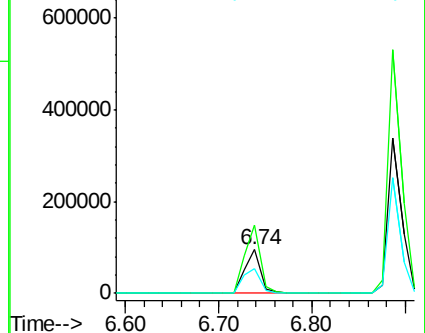
115 55.9 47.0 70.6



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: 116.41 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

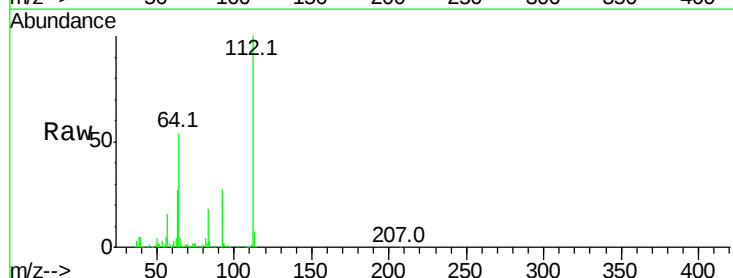
Tgt Ion:112 Resp: 783785

Ion Ratio Lower Upper

112 100

64 53.6 39.9 59.9

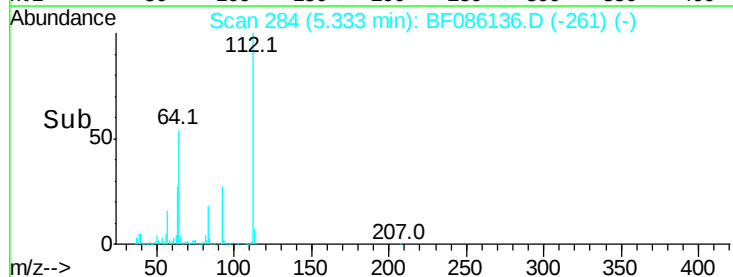
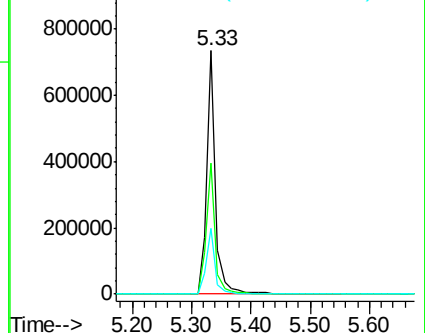
63 27.1 20.2 30.2

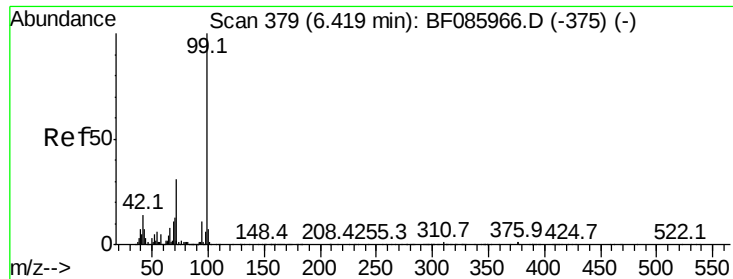


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.83 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB89612BL

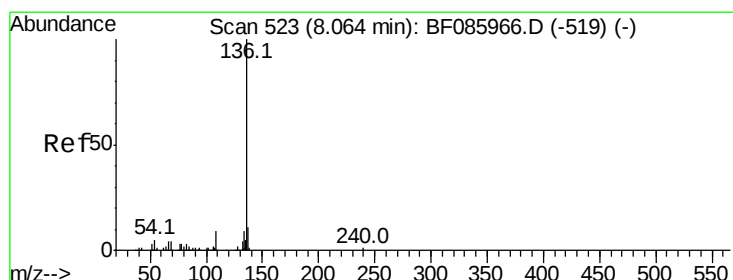
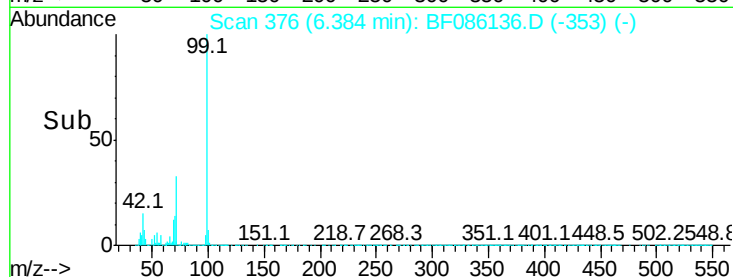
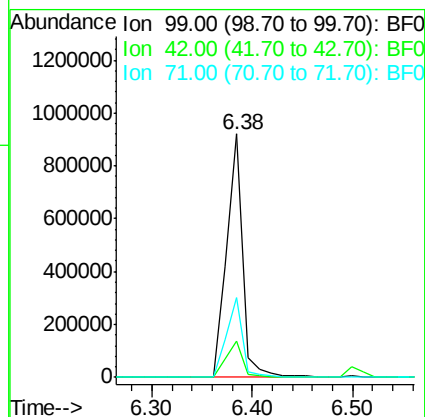
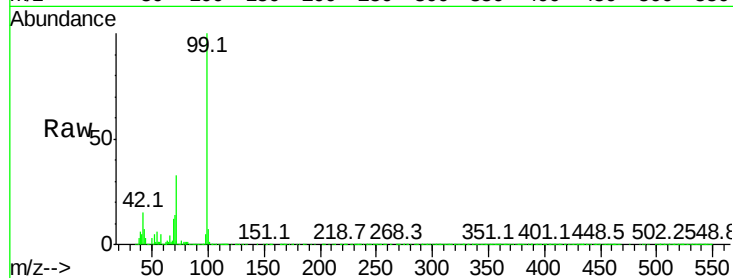
Tot Ion: 99 Resp: 1024835

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

71 32.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Tgt Ion: 136 Resp: 459345

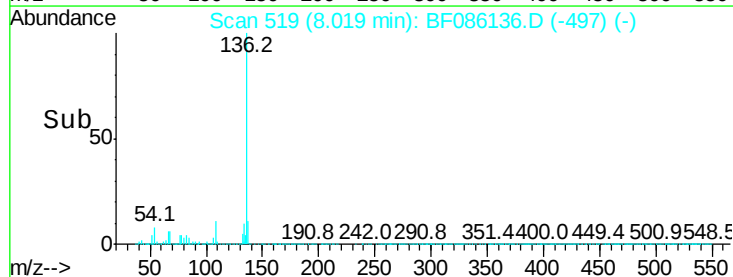
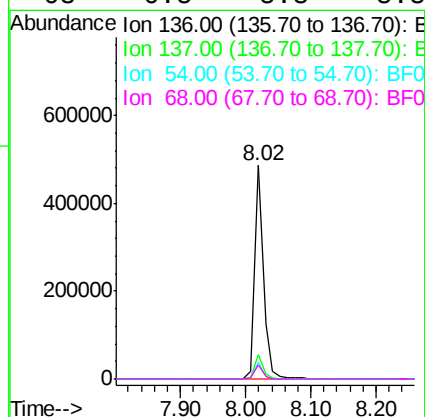
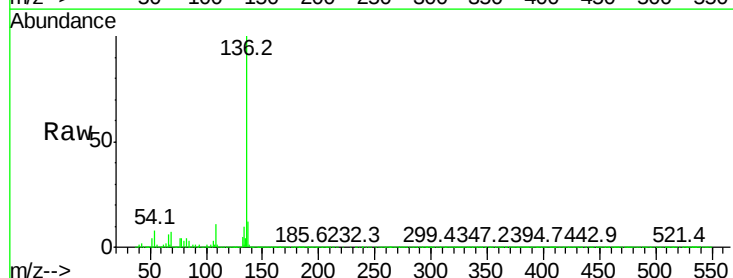
Ion Ratio Lower Upper

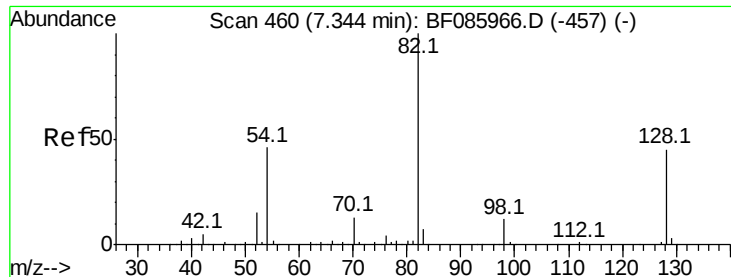
136 100

137 11.5 9.1 13.7

54 7.7 7.4 11.0

68 6.5 5.8 8.8

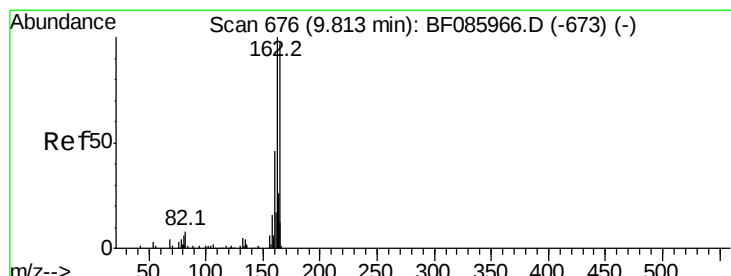
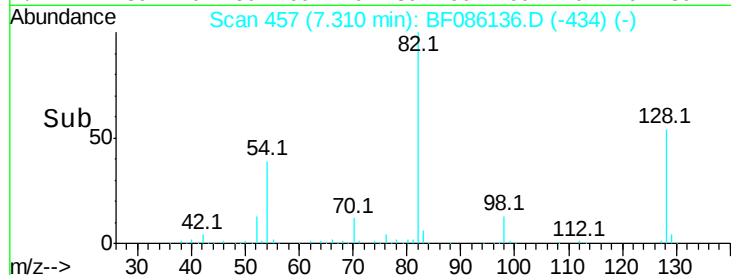
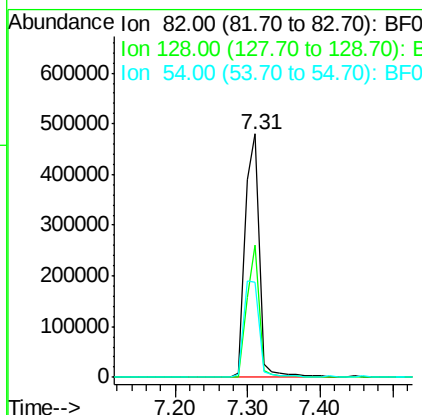
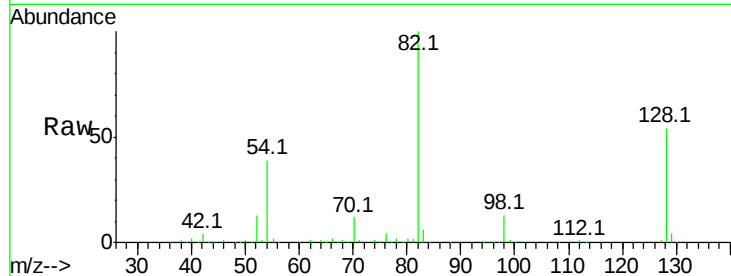




#23
 Nitrobenzene-d5
 Concen: 83.31 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

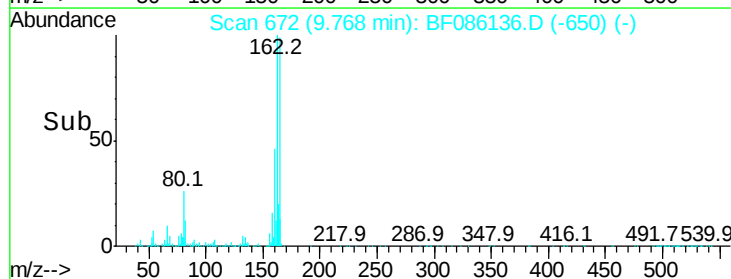
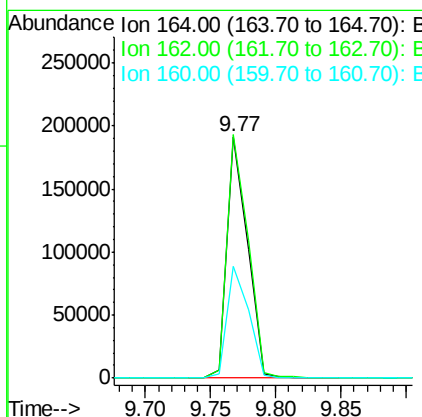
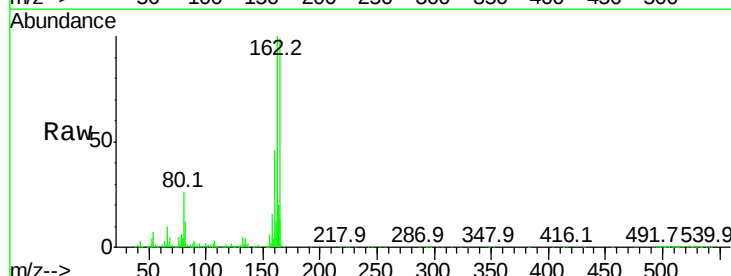
Instrument :
 BNA_F
 ClientSampleId :
 PB89612BL

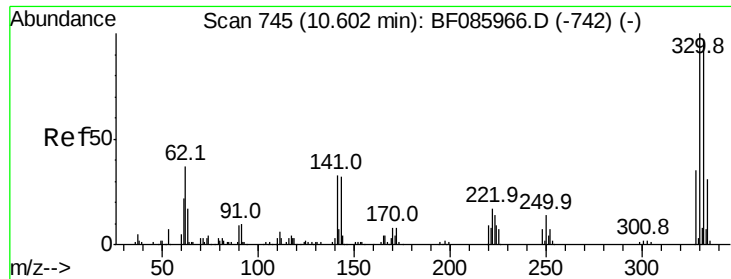
Tot Ion	82	Resp	648914
Ion Ratio	100		
Lower	41.8		
Upper	62.8		
54	39.2		50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Tgt Ion	164	Resp	209534
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.1</td> <td></td> <td></td>	82.1		
Upper <td>123.1</td> <td></td> <td></td>	123.1		
162	101.0		56.2
160	46.2		

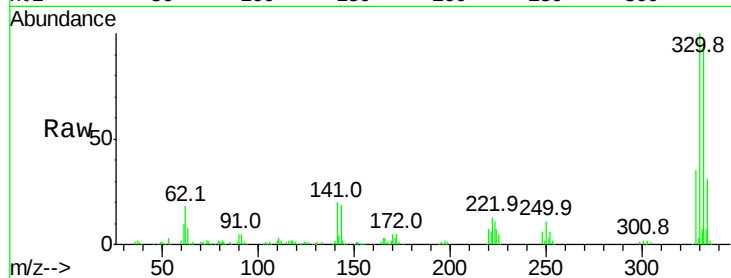




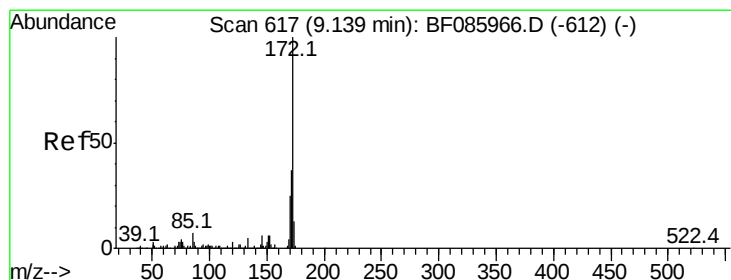
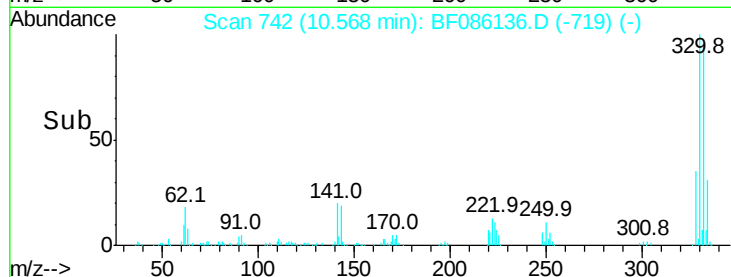
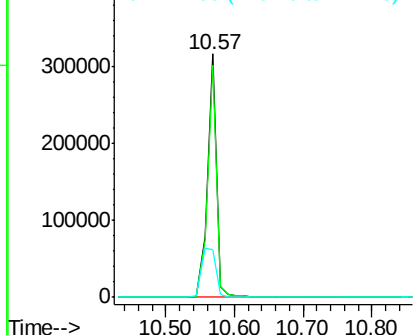
#41
 2,4,6-Tribromophenol
 Concen: 147.15 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BL

Tot Ion:330 Resp: 289402
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.2 117.2
 141 32.0 31.5 47.3

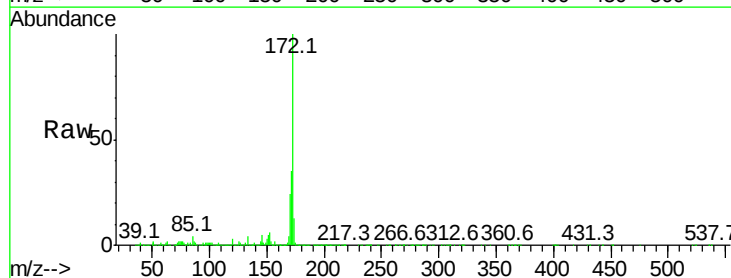


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

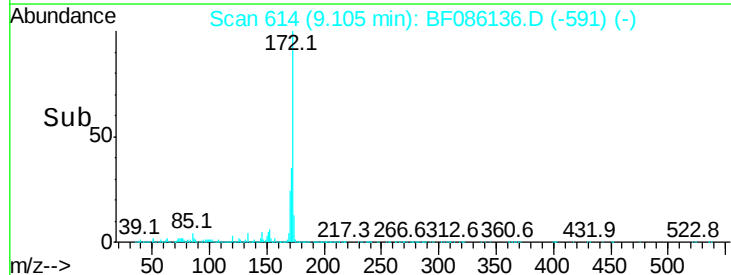
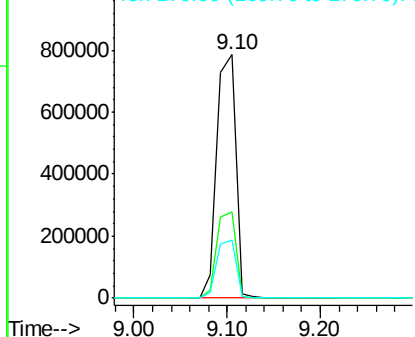


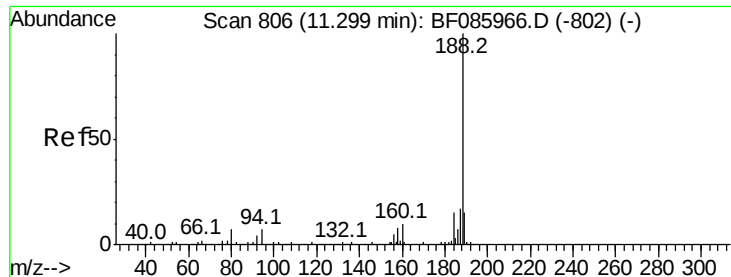
#44
 2-Fluorobiphenyl
 Concen: 87.96 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086136.D
 Acq: 7 Apr 2016 18:09

Tgt Ion:172 Resp: 1108480
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 23.9 19.8 29.6



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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Instrument :

BNA_F

ClientSampleId :

PB89612BL

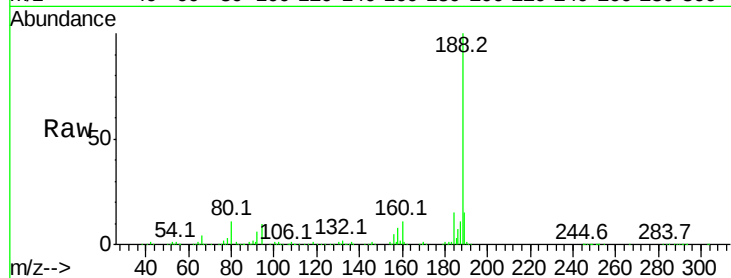
Tot Ion:188 Resp: 421288

Ion Ratio Lower Upper

188 100

94 10.3 5.4 8.0#

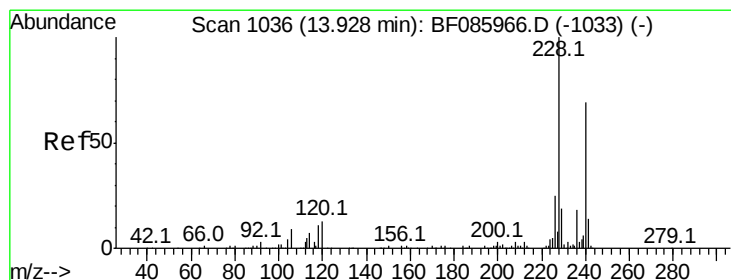
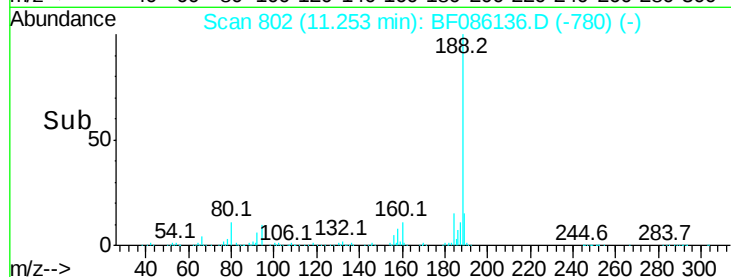
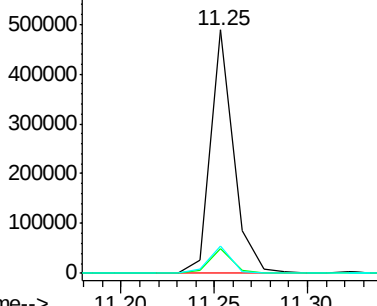
80 11.3 5.5 8.3#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

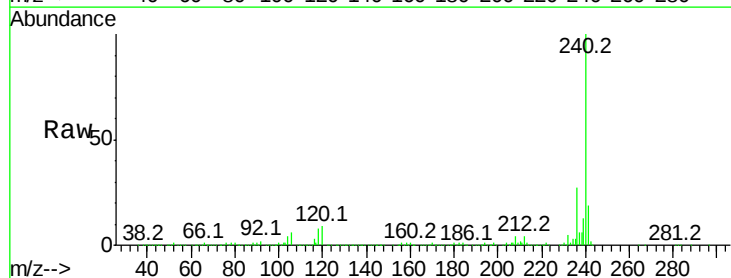
Tgt Ion:240 Resp: 314401

Ion Ratio Lower Upper

240 100

120 9.5 13.8 20.8#

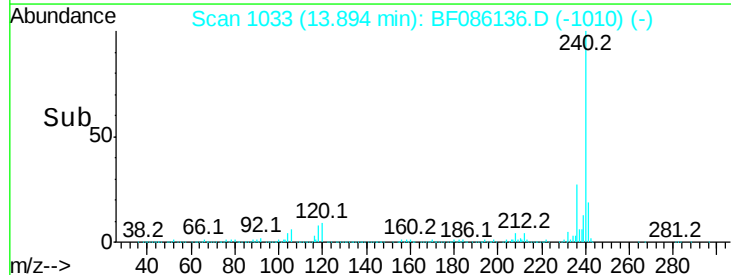
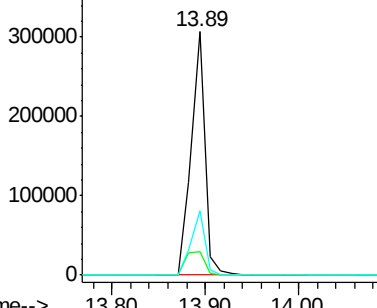
236 26.6 20.6 30.8

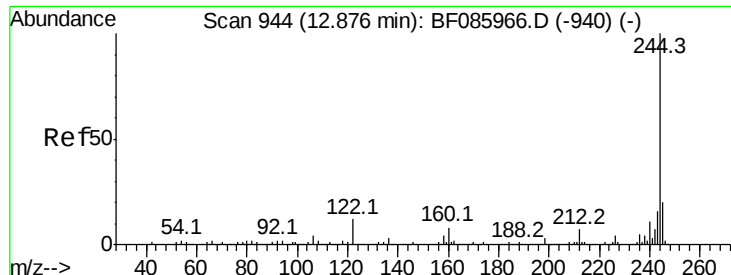


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.09 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

Instrument :

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ClientSampleId :

PB89612BL

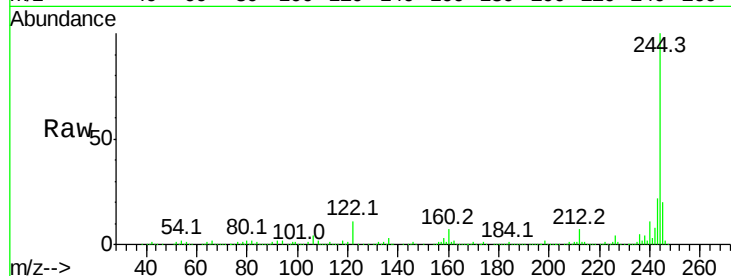
Tot Ion:244 Resp: 1071260

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

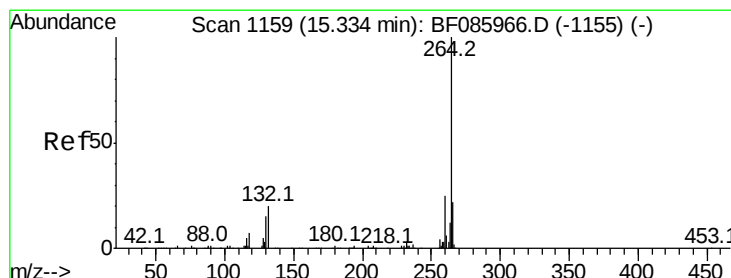
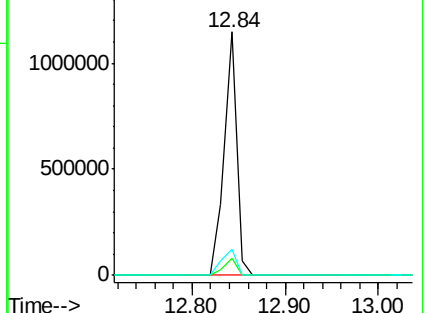
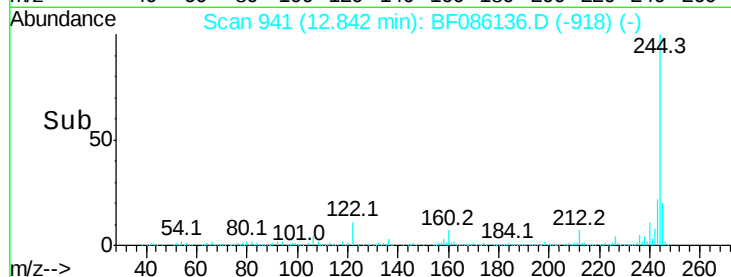
122 10.9 10.2 15.4



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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086136.D

Acq: 7 Apr 2016 18:09

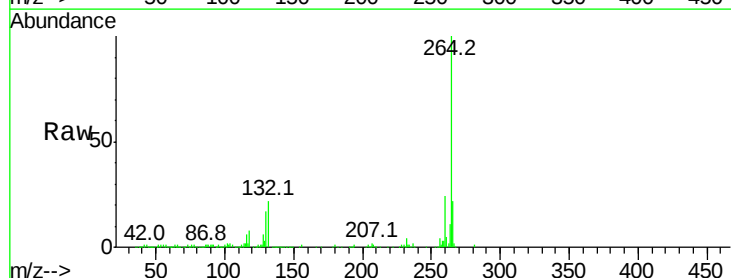
Tgt Ion:264 Resp: 215993

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.6 17.2 25.8



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

