

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086251.D
 Acq On : 16 Apr 2016 8:24
 Operator : UM/SJ
 Sample : H2503-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-FB1-20160412

Quant Time: Apr 18 14:47:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	292476	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1223756	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	526781	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	946235	20.00	ng	0.00
75) Chrysene-d12	14.04	240	557958	20.00	ng	-0.01
86) Perylene-d12	15.48	264	475966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1094139	61.29	ng	0.00
7) Phenol-d6	6.51	99	892303	39.96	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1770446	83.44	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	498734	117.90	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2538470	88.92	ng	-0.01
78) Terphenyl-d14	13.00	244	1987449	89.57	ng	0.00

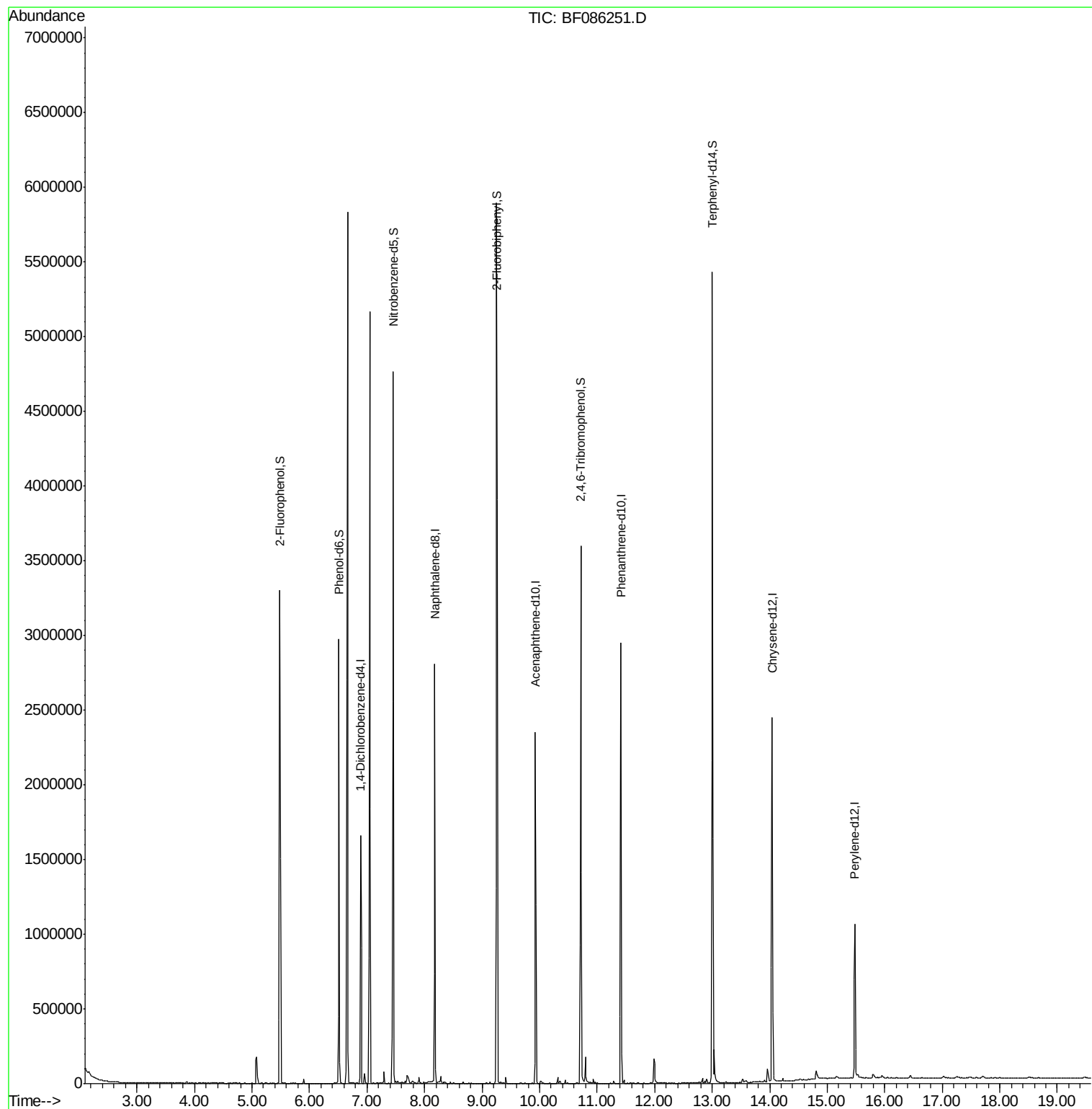
Target Compounds Qvalue

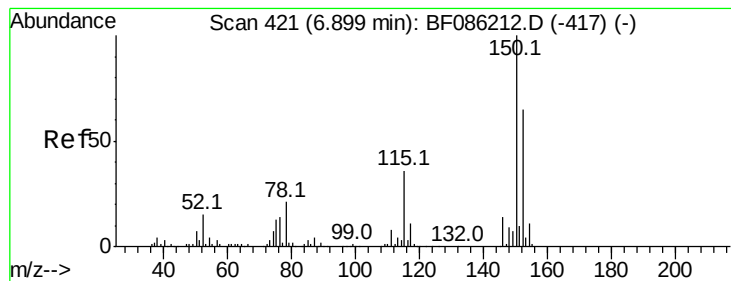
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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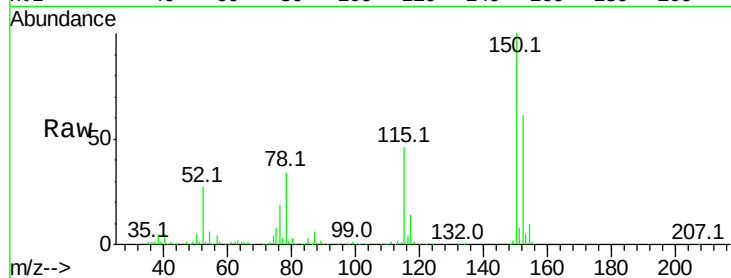




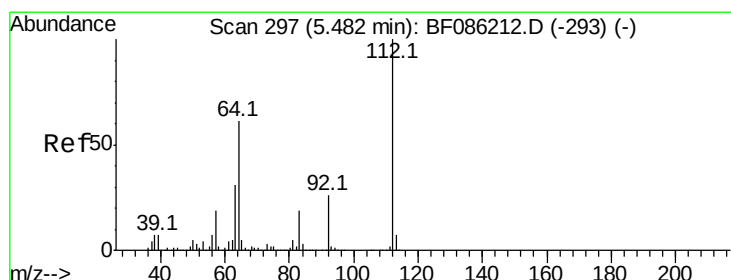
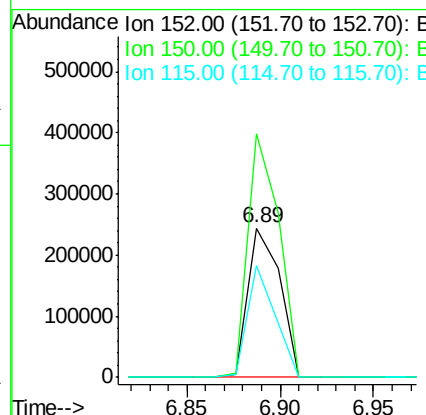
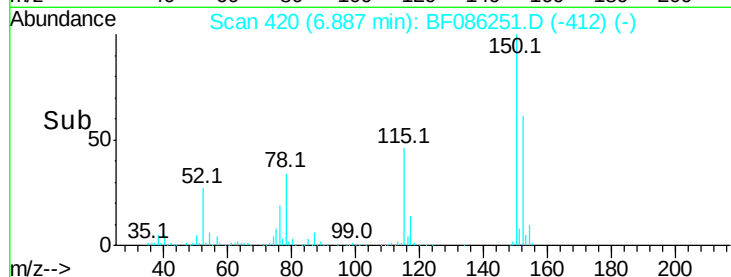
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086251.D
 Acq: 16 Apr 2016 8:24

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-FB1-20160412

Tot Ion:152 Resp: 292476
 Ion Ratio Lower Upper
 152 100
 150 163.5 124.1 186.1
 115 74.6 43.9 65.9#

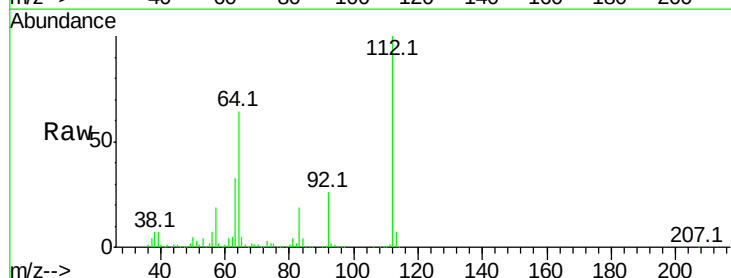


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

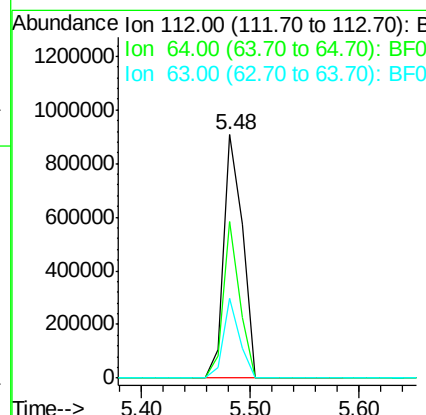
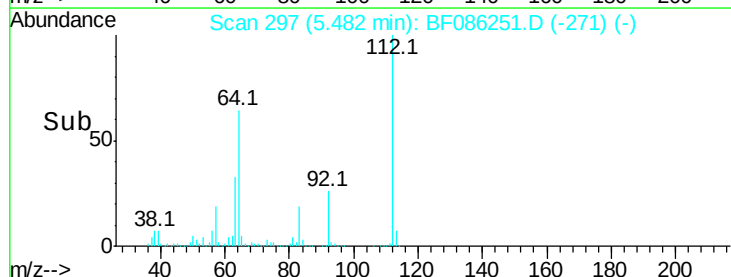


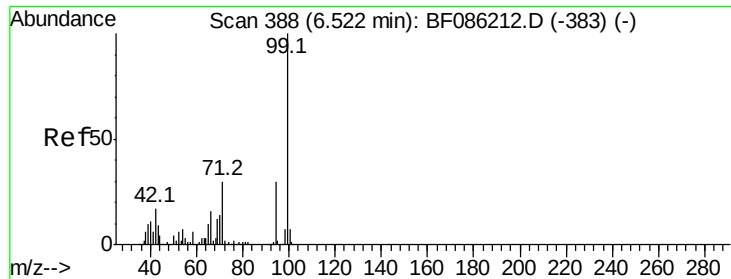
#5
 2-Fluorophenol
 Concen: 61.29 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF086251.D
 Acq: 16 Apr 2016 8:24

Tgt Ion:112 Resp: 1094139
 Ion Ratio Lower Upper
 112 100
 64 64.3 48.1 72.1
 63 32.7 25.5 38.3



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: 39.96 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-FB1-20160412

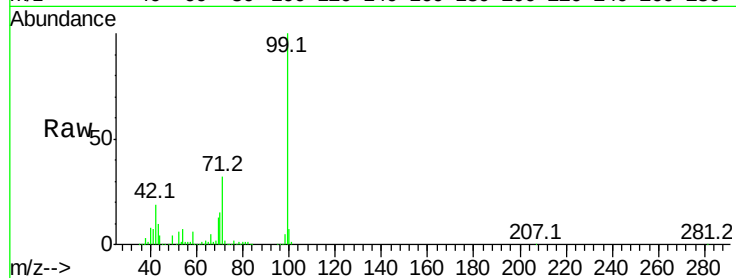
Tot Ion: 99 Resp: 892303

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.2

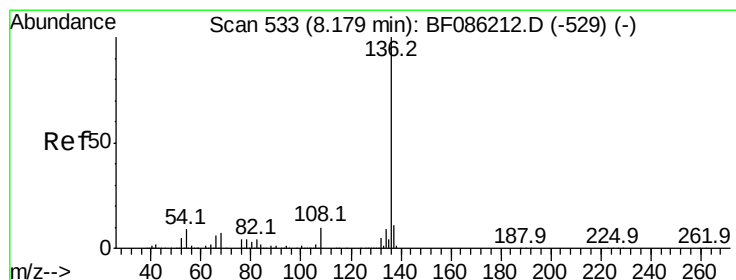
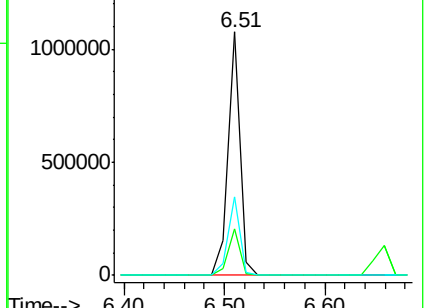
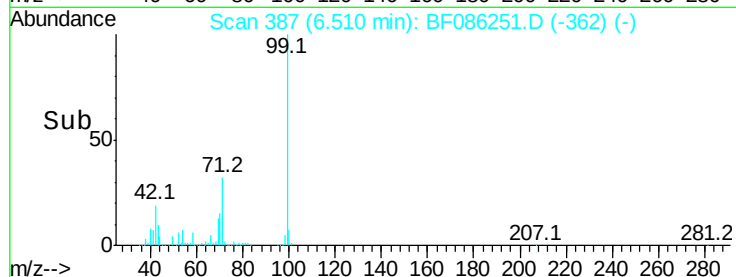
71 32.3 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

Tgt Ion: 136 Resp: 1223756

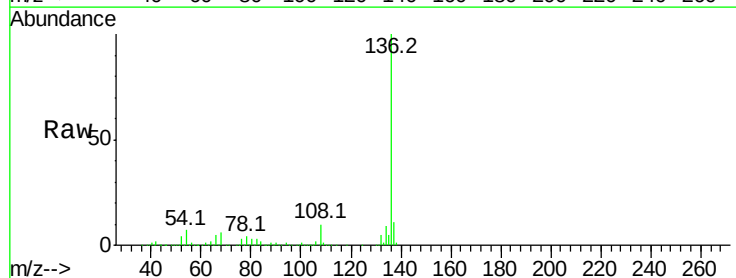
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.3 7.3 10.9

68 6.3 5.7 8.5

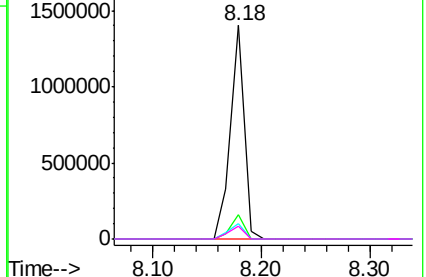
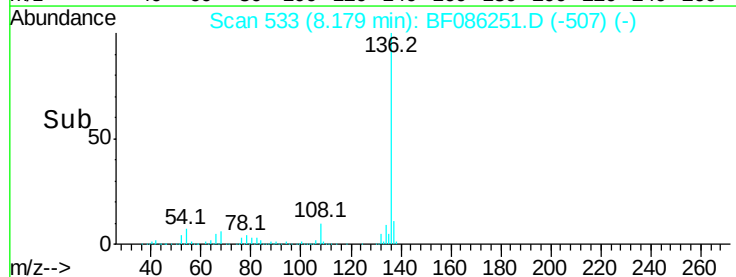


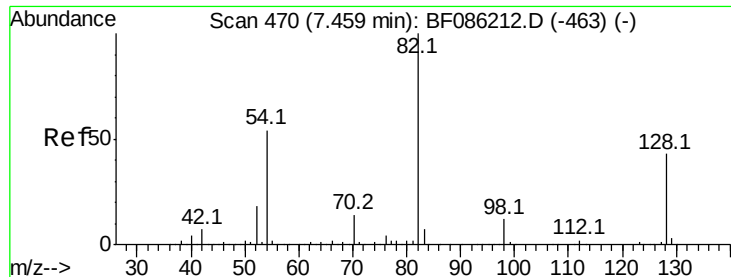
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.44 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-FB1-20160412

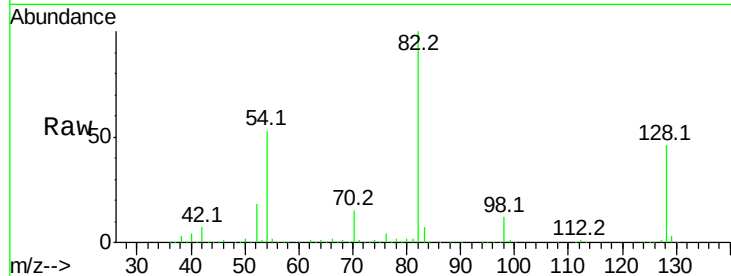
Tot Ion: 82 Resp: 1770446

Ion Ratio Lower Upper

82 100

128 45.9 35.4 53.2

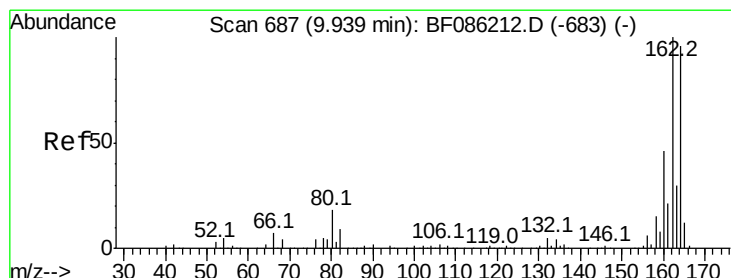
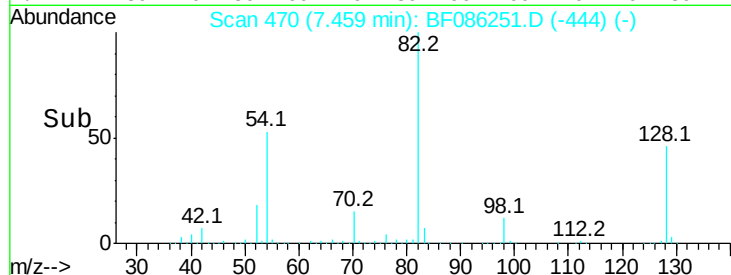
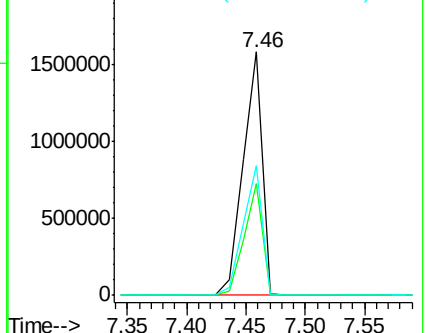
54 53.3 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

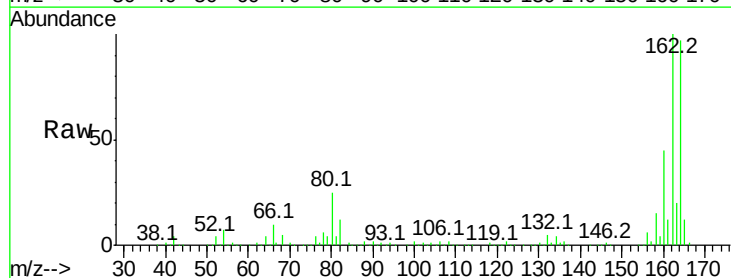
Tgt Ion:164 Resp: 526781

Ion Ratio Lower Upper

164 100

162 103.1 82.8 124.2

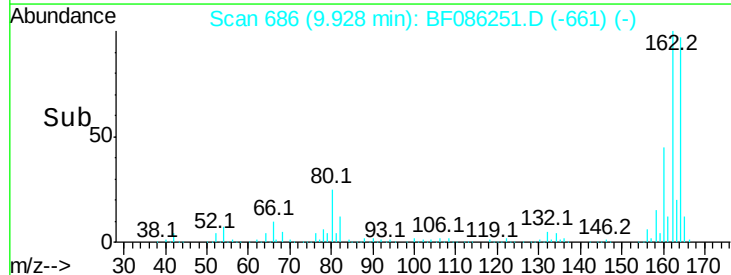
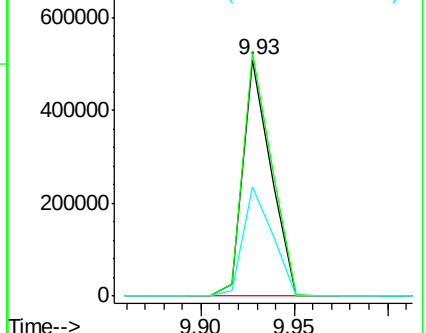
160 46.4 38.9 58.3

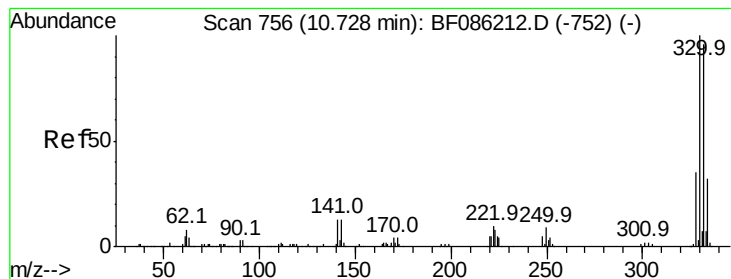


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 117.90 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-FB1-20160412

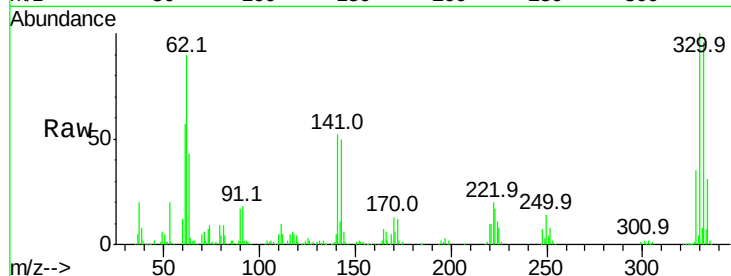
Tot Ion:330 Resp: 498734

Ion Ratio Lower Upper

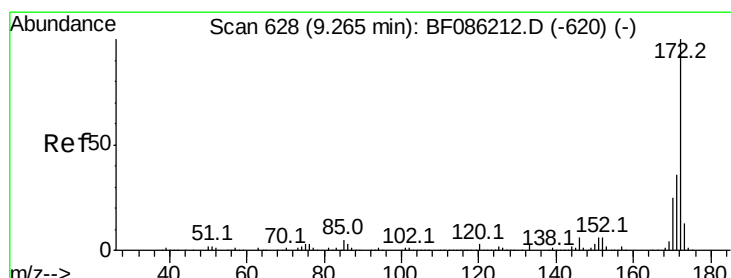
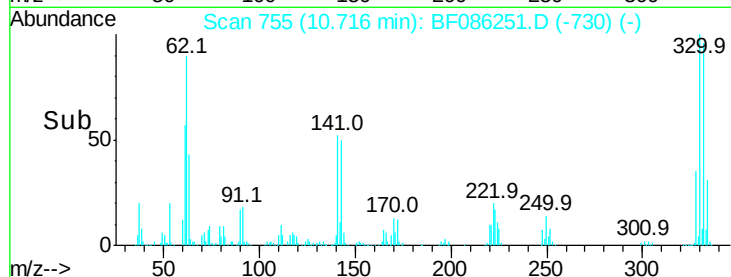
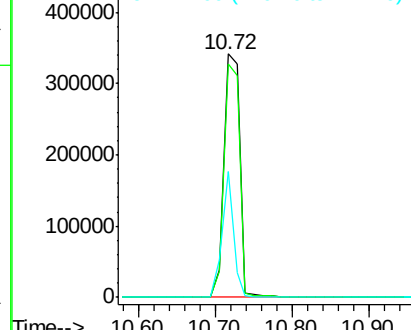
330 100

332 95.6 78.7 118.1

141 37.4 28.6 42.8



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: 88.92 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

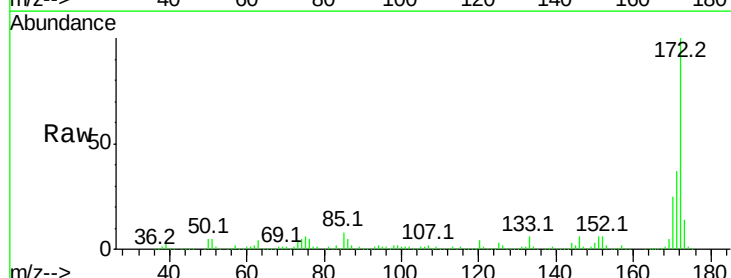
Tgt Ion:172 Resp: 2538470

Ion Ratio Lower Upper

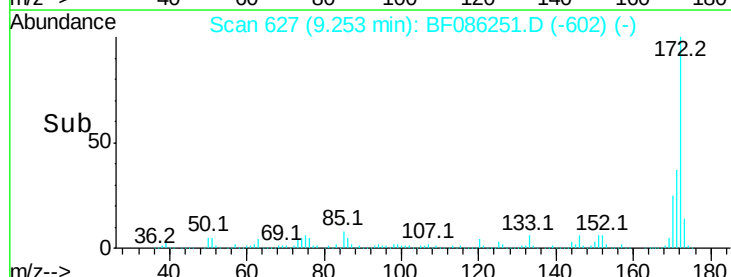
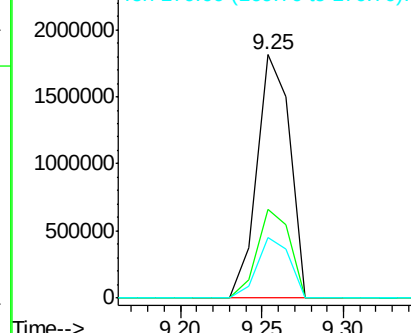
172 100

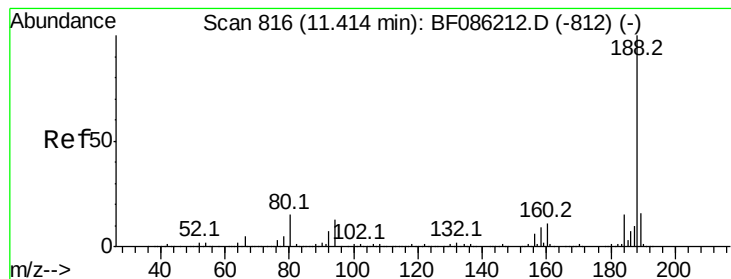
171 36.5 29.1 43.7

170 25.1 19.9 29.9



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: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-FB1-20160412

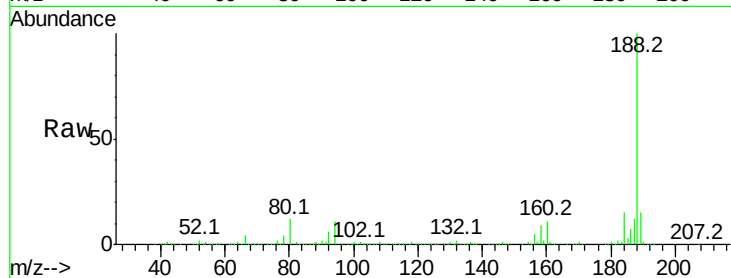
Tot Ion:188 Resp: 946235

Ion Ratio Lower Upper

188 100

94 10.9 9.8 14.8

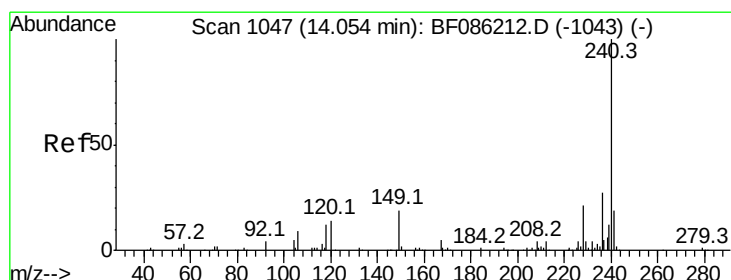
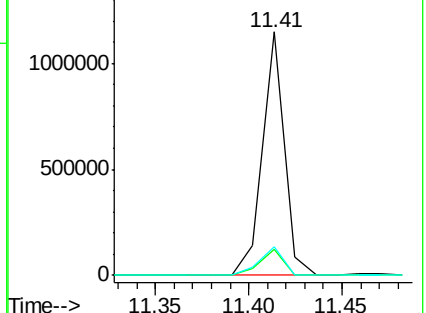
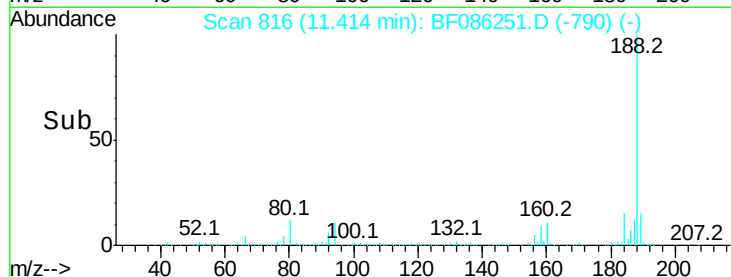
80 11.9 10.5 15.7



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

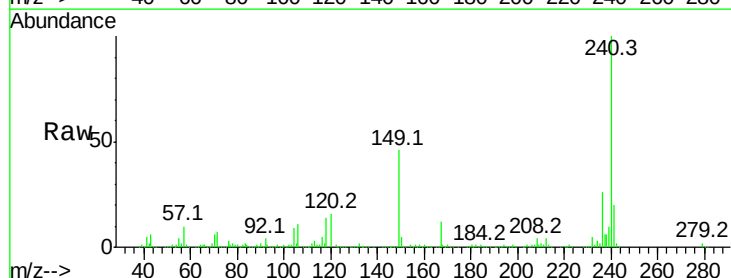
Tgt Ion:240 Resp: 557958

Ion Ratio Lower Upper

240 100

120 16.4 9.3 13.9#

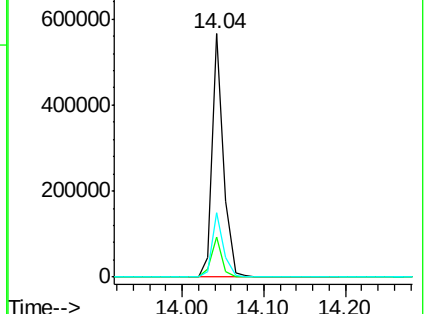
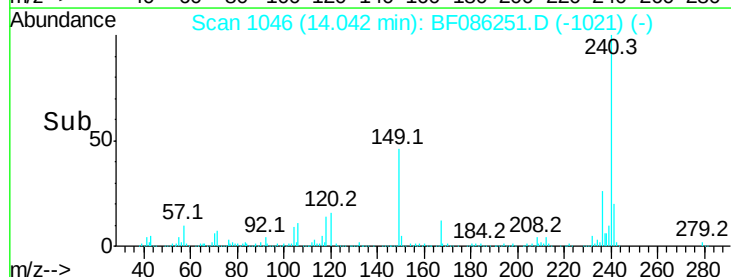
236 26.4 21.1 31.7

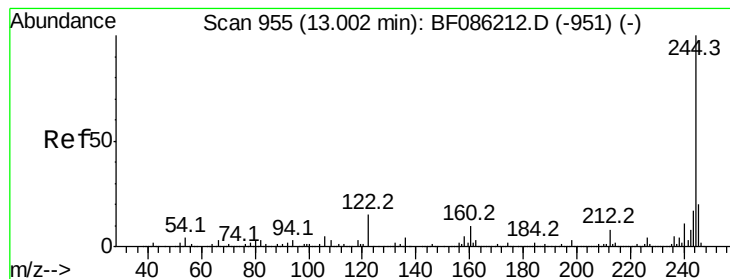


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.57 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

Instrument :

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POST-EX-FB1-20160412

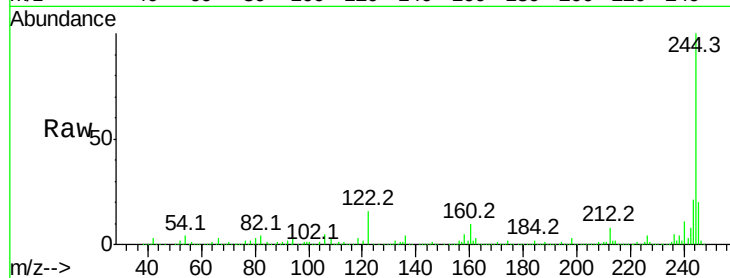
Tot Ion:244 Resp: 1987449

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

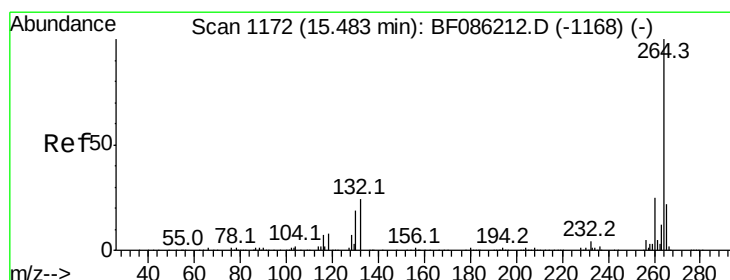
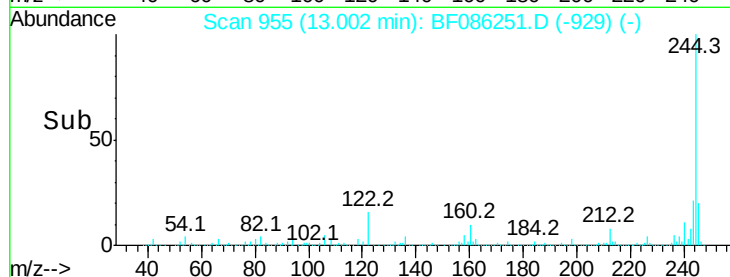
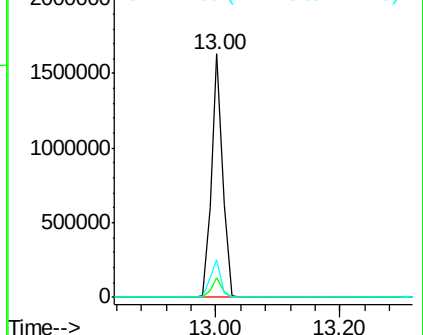
122 15.6 11.7 17.5



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: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086251.D

Acq: 16 Apr 2016 8:24

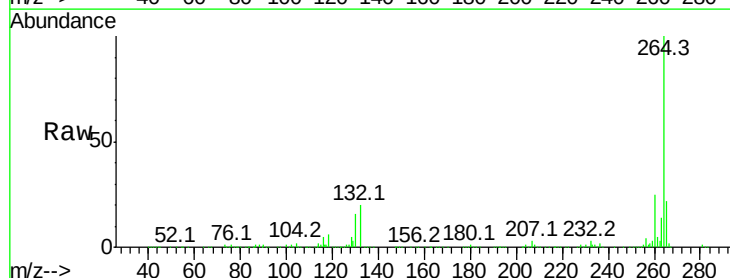
Tgt Ion:264 Resp: 475966

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 21.6 17.4 26.0



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

