

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086170.D
 Acq On : 8 Apr 2016 16:08
 Operator : UM/SJ
 Sample : PB89669BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Quant Time: Apr 09 00:01:43 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	6.73	152	114860	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	463251	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	221601	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	433268	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	323857	20.00	ng	-0.05
86) Perylene-d12	15.28	264	216050	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	532726	79.28	ng	-0.03
7) Phenol-d6	6.37	99	683285	80.05	ng	-0.05
23) Nitrobenzene-d5	7.30	82	615496	78.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	164712	79.19	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1058842	79.45	ng	-0.05
78) Terphenyl-d14	12.83	244	994491	72.18	ng	-0.05

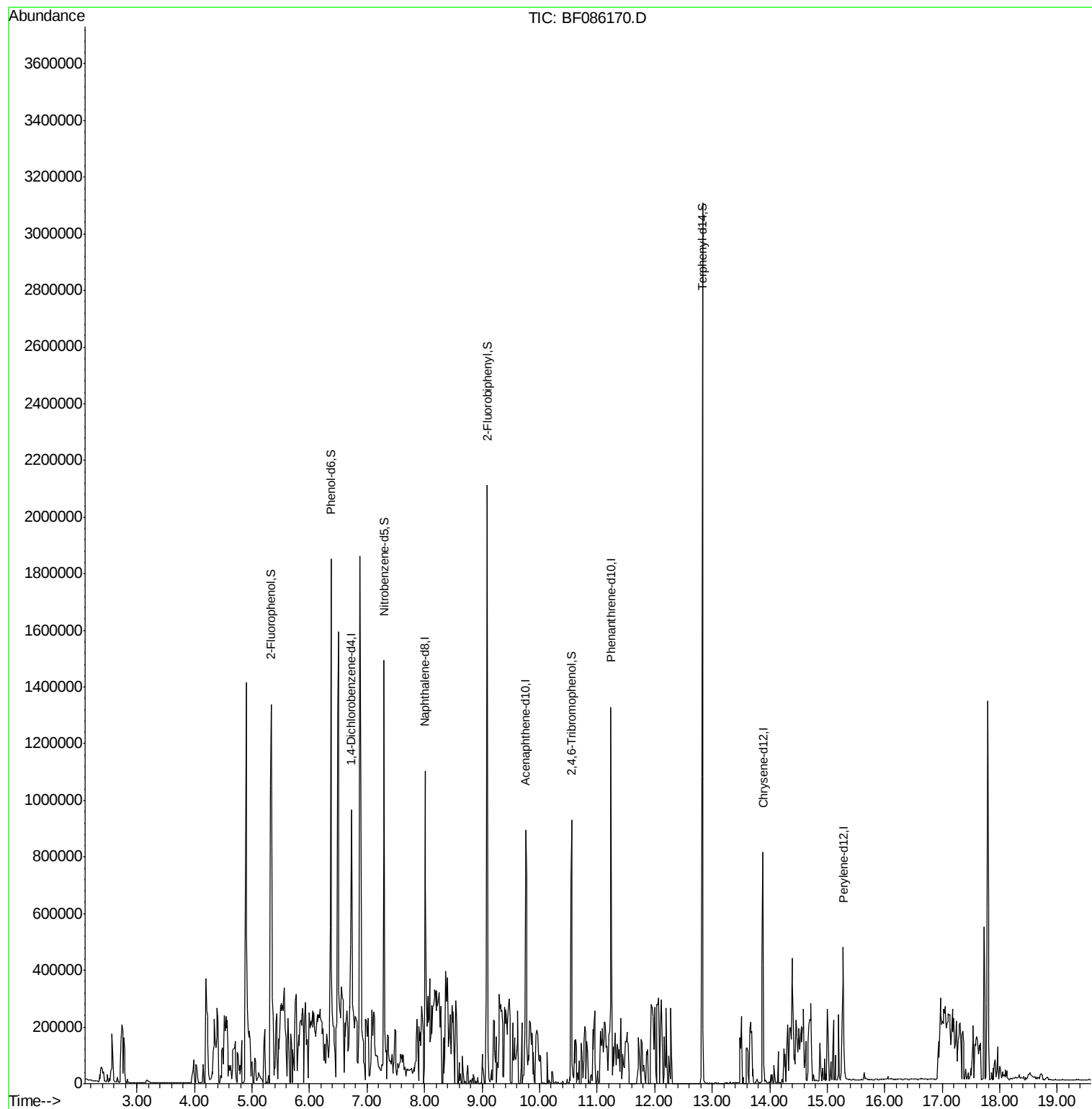
Target Compounds Qvalue

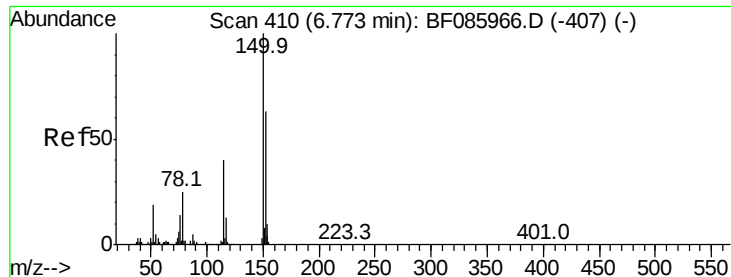
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB89669BL

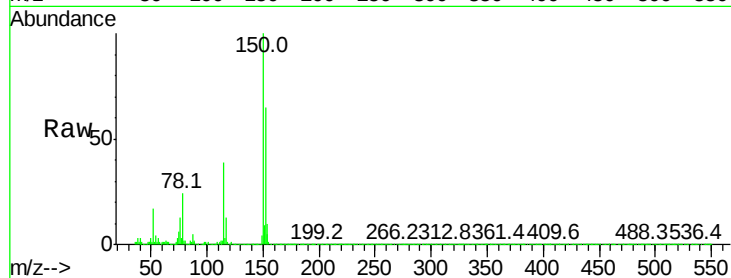
Tot Ion:152 Resp: 114860

Ion Ratio Lower Upper

152 100

150 154.1 124.2 186.2

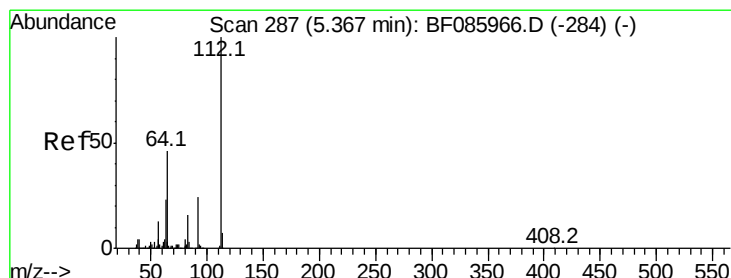
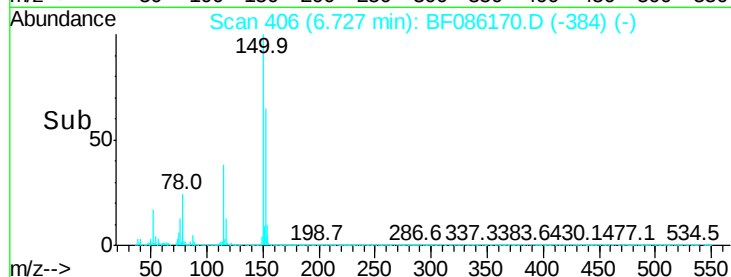
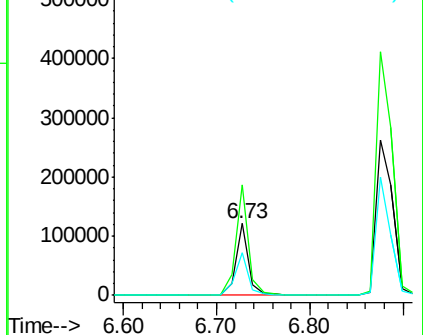
115 59.4 47.0 70.6



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: 79.28 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

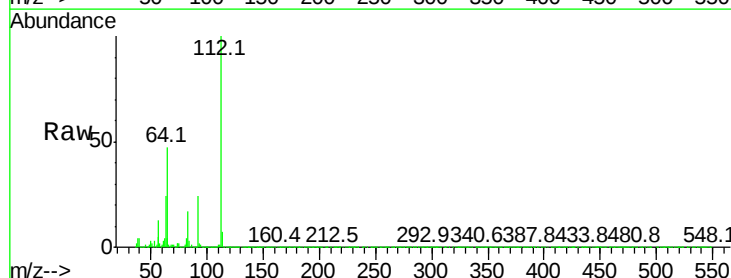
Tgt Ion:112 Resp: 532726

Ion Ratio Lower Upper

112 100

64 46.9 39.9 59.9

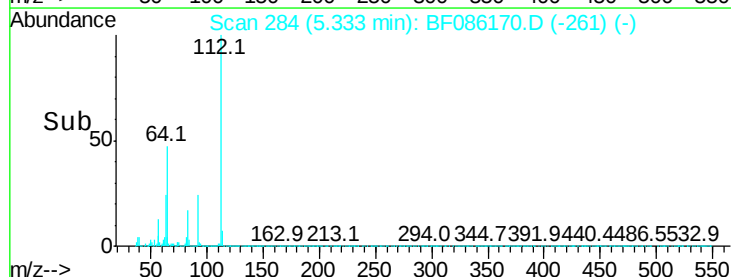
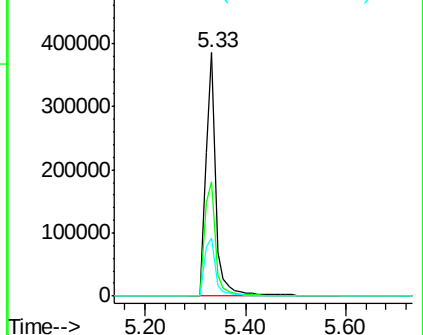
63 24.0 20.2 30.2

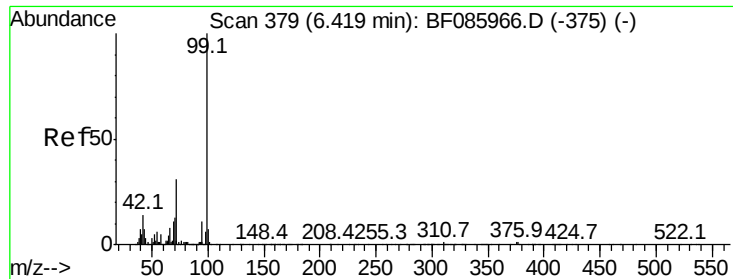


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.05 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB89669BL

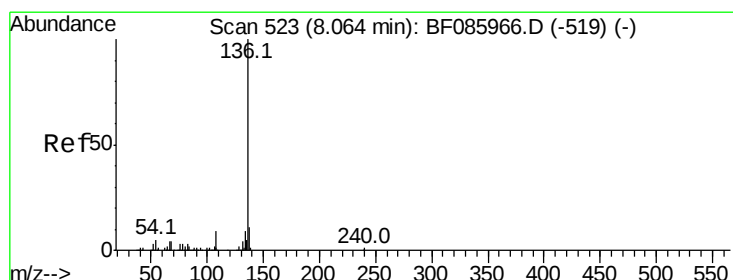
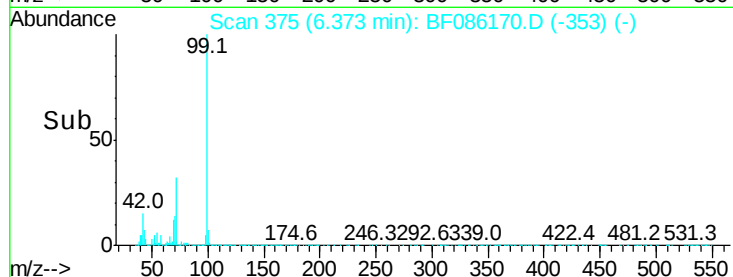
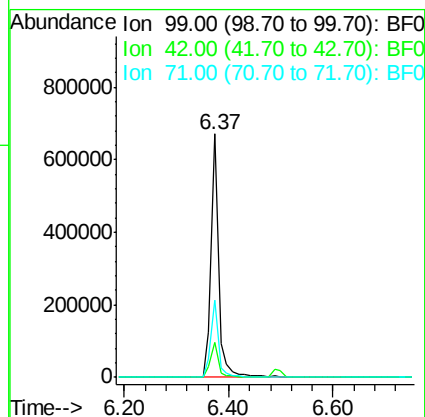
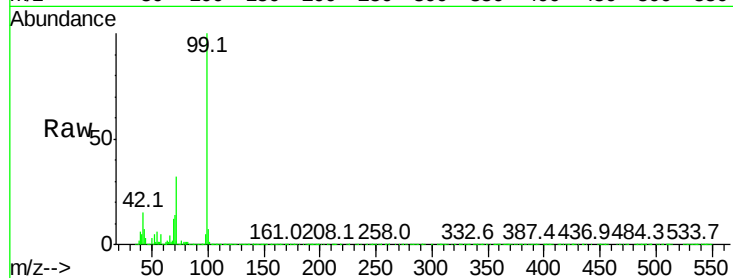
Tot Ion: 99 Resp: 683285

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

71 31.7 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

Tgt Ion: 136 Resp: 463251

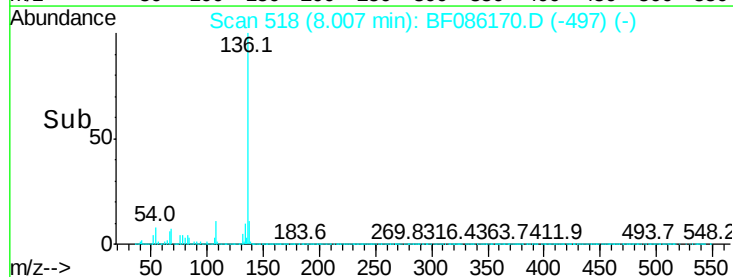
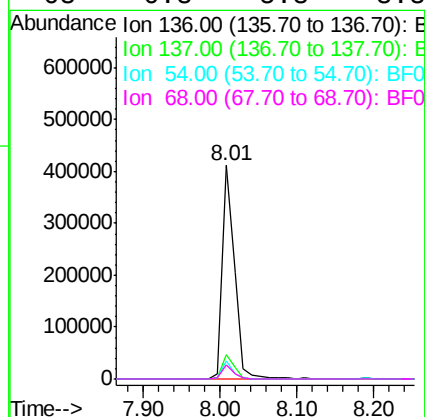
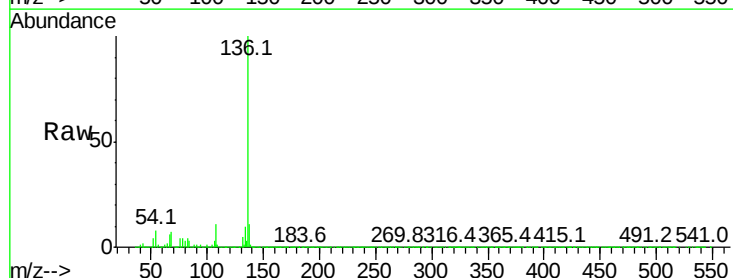
Ion Ratio Lower Upper

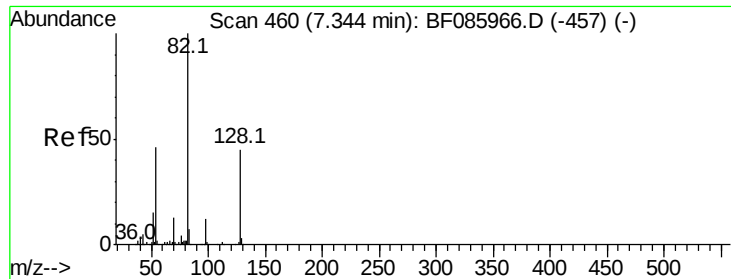
136 100

137 11.4 9.1 13.7

54 8.4 7.4 11.0

68 6.8 5.8 8.8

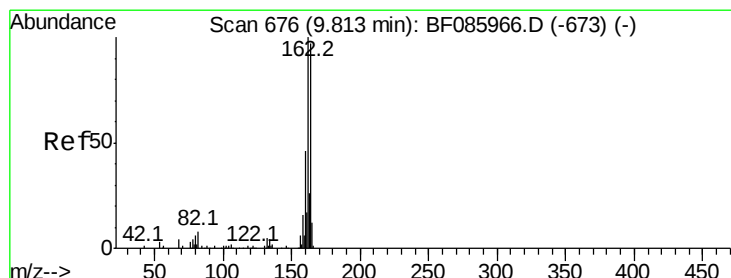
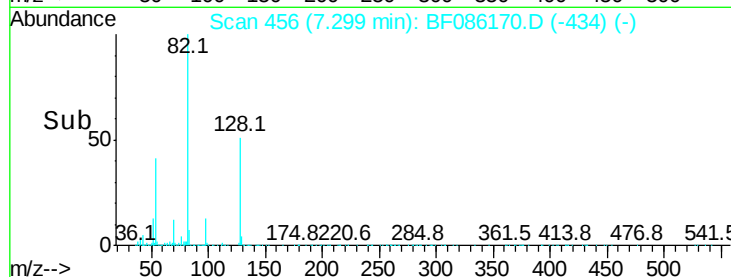
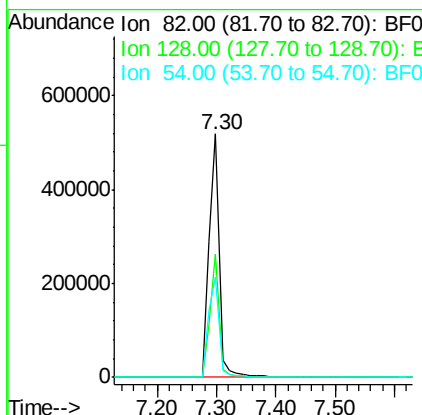
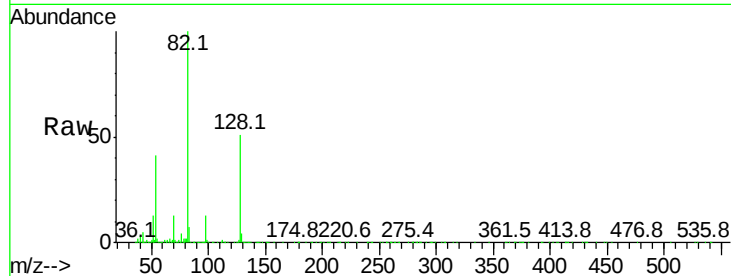




#23
 Nitrobenzene-d5
 Concen: 78.35 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086170.D
 Acq: 8 Apr 2016 16:08

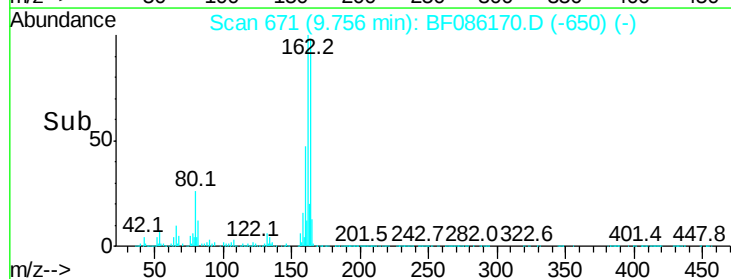
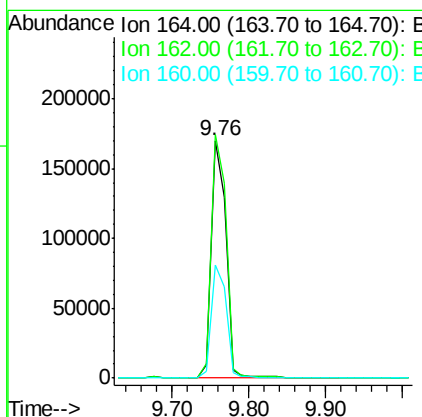
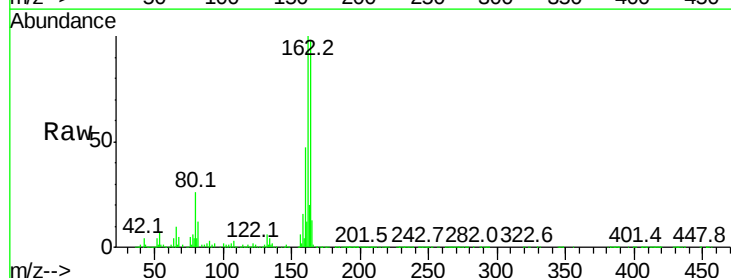
Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

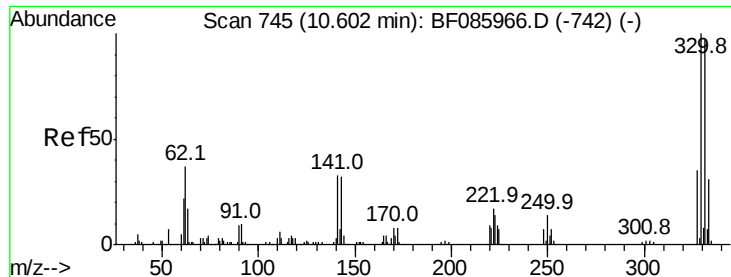
Tot Ion: 82 Resp: 615496
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.8 62.8
 54 41.4 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.06 min
 Lab File: BF086170.D
 Acq: 8 Apr 2016 16:08

Tgt Ion: 164 Resp: 221601
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.1 123.1
 160 47.6 37.4 56.2

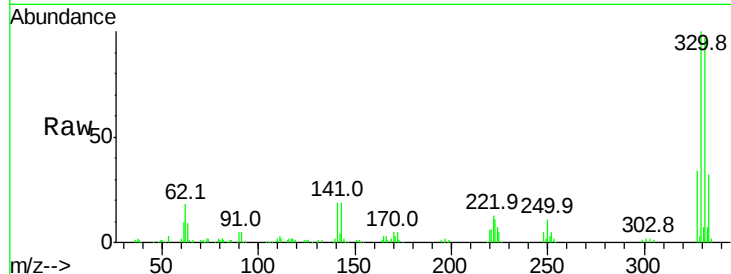




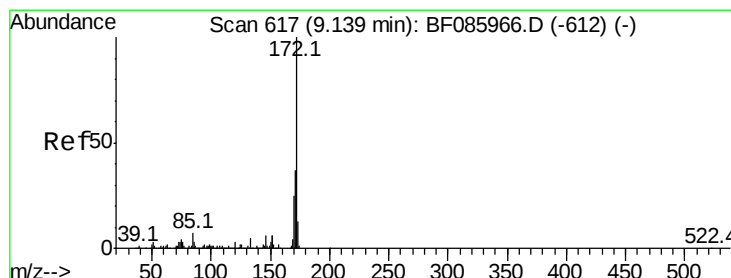
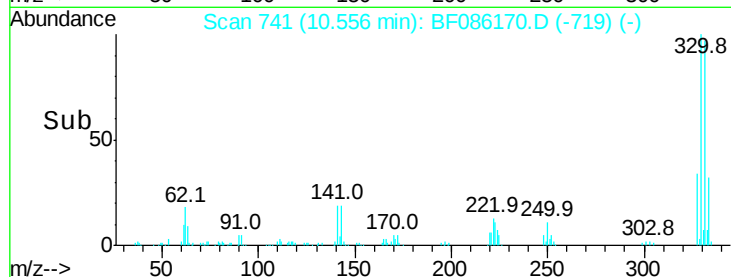
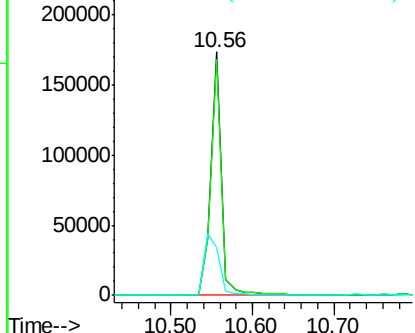
#41
 2,4,6-Tribromophenol
 Concen: 79.19 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086170.D
 Acq: 8 Apr 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Tot Ion:330 Resp: 164712
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 36.1 31.5 47.3

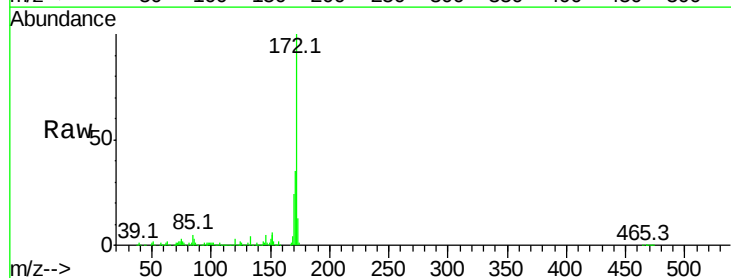


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

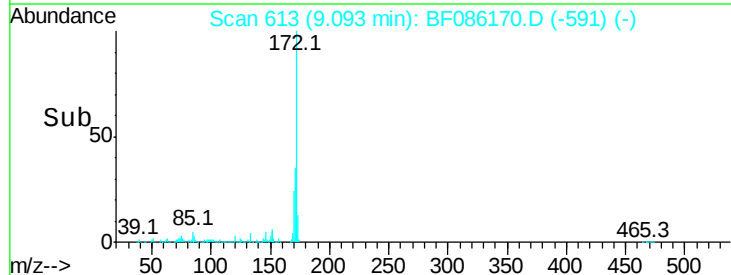
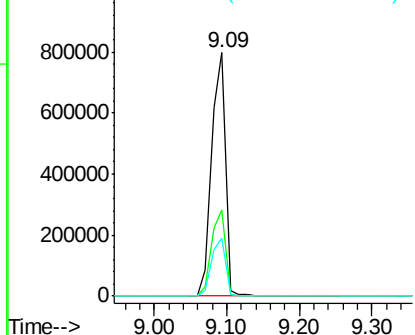


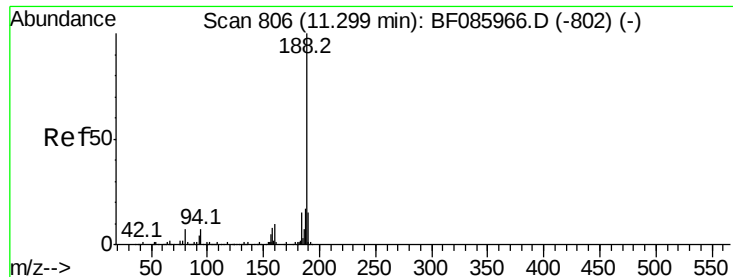
#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086170.D
 Acq: 8 Apr 2016 16:08

Tgt Ion:172 Resp: 1058842
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 23.7 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: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB89669BL

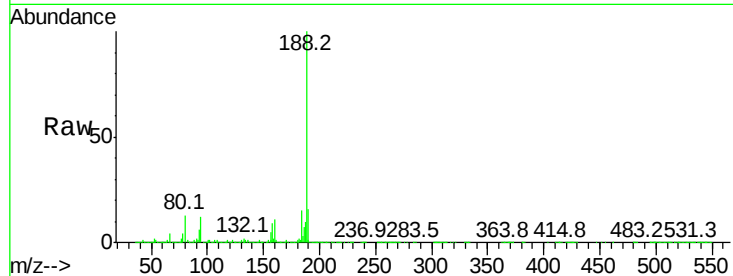
Tot Ion:188 Resp: 433268

Ion Ratio Lower Upper

188 100

94 11.9 5.4 8.0#

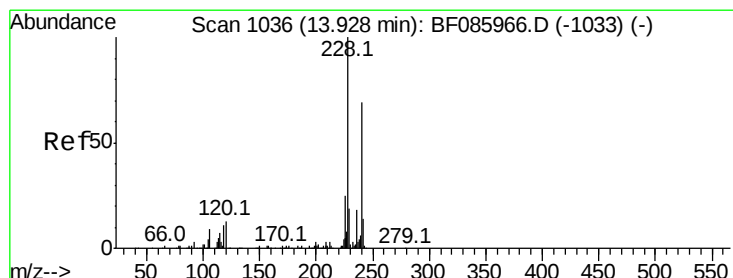
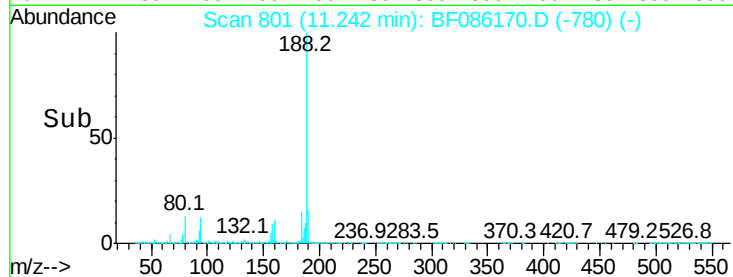
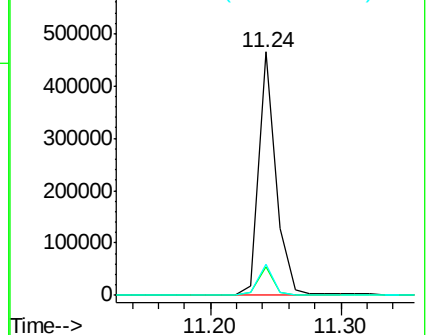
80 12.7 5.5 8.3#



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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

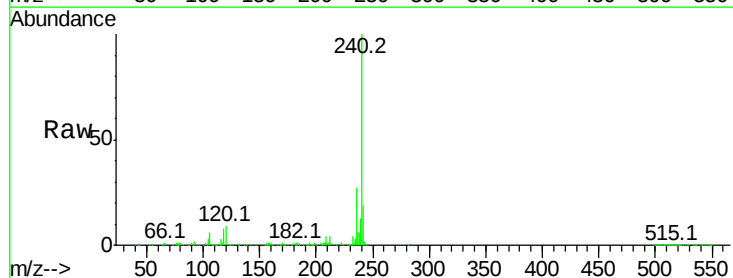
Tgt Ion:240 Resp: 323857

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

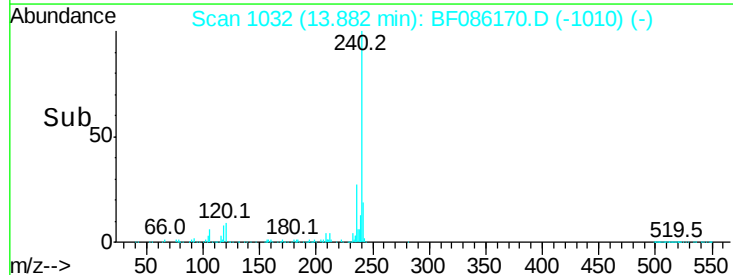
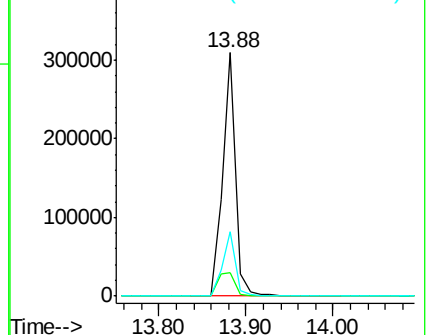
236 26.7 20.6 30.8

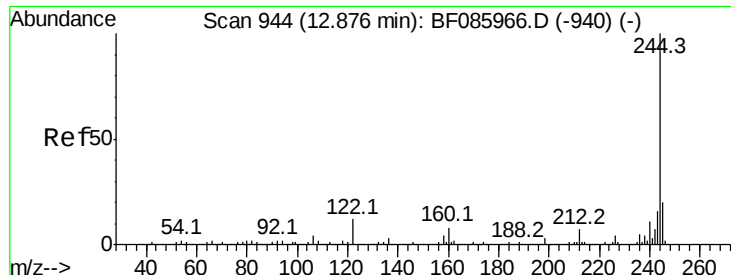


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.18 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB89669BL

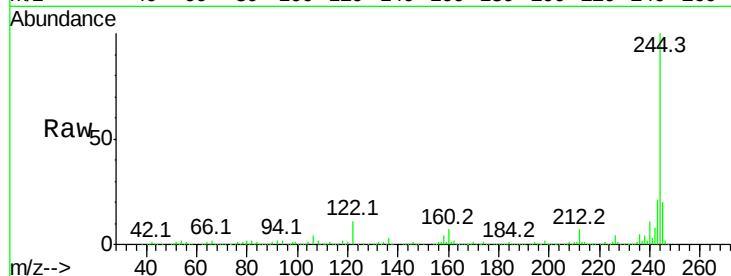
Tot Ion:244 Resp: 994491

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

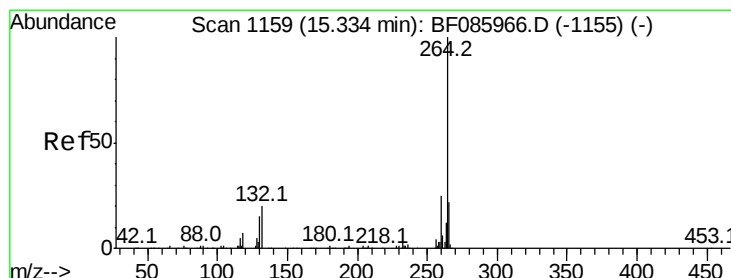
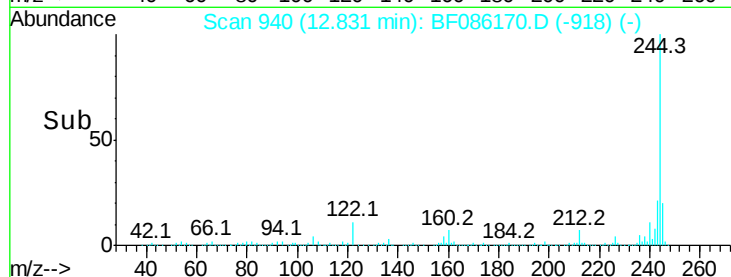
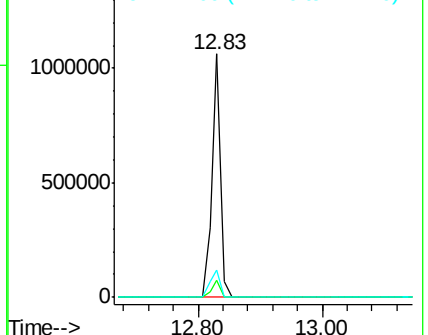
122 11.4 10.2 15.4



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086170.D

Acq: 8 Apr 2016 16:08

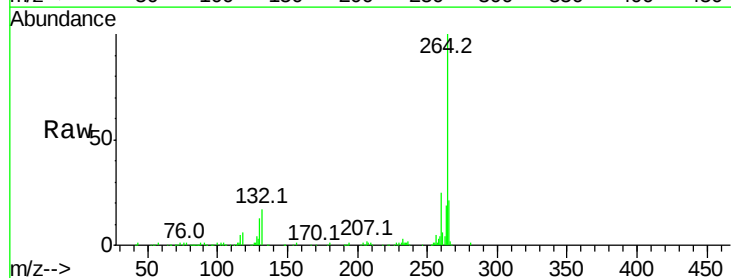
Tgt Ion:264 Resp: 216050

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.1 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

