

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086070.D
 Acq On : 5 Apr 2016 7:53
 Operator : UM/SJ
 Sample : PB89469BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BL

Quant Time: Apr 05 08:27:58 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	6.76	152	101834	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	365690	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	148348	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	229807	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	197646	20.00	ng	-0.01
86) Perylene-d12	15.32	264	153295	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	736458	123.62	ng	0.00
7) Phenol-d6	6.41	99	775755	102.51	ng	-0.01
23) Nitrobenzene-d5	7.33	82	554966	89.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	147031	105.60	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	906779	101.63	ng	-0.01
78) Terphenyl-d14	12.87	244	635259	75.55	ng	-0.01

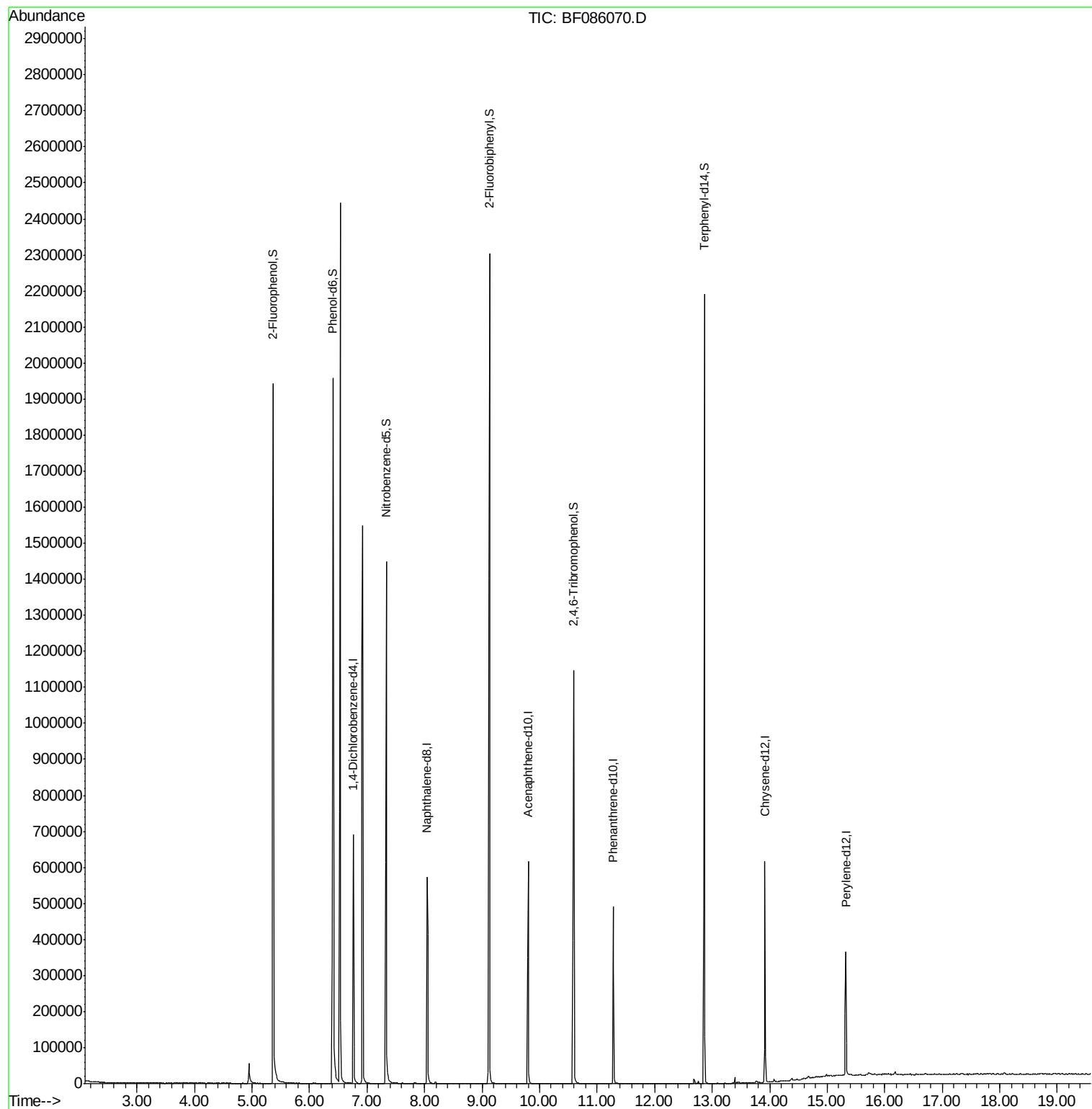
Target Compounds Qvalue

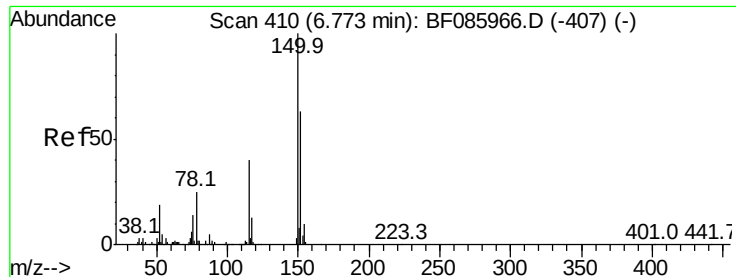
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

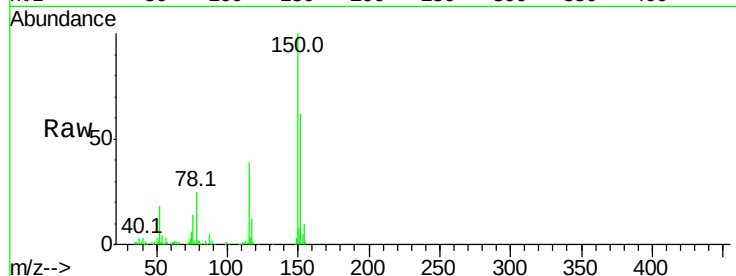
Tot Ion:152 Resp: 101834

Ion Ratio Lower Upper

152 100

150 160.5 124.2 186.2

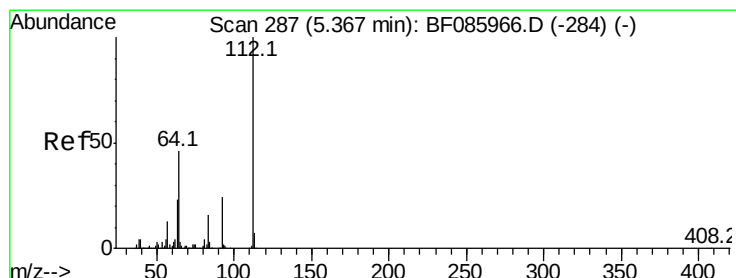
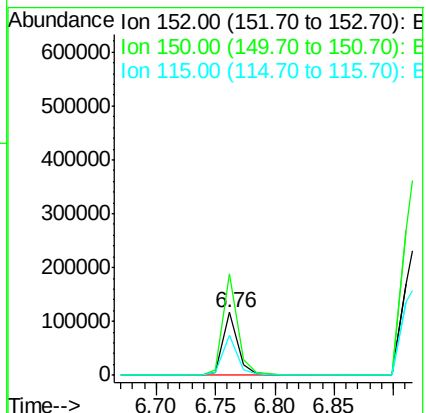
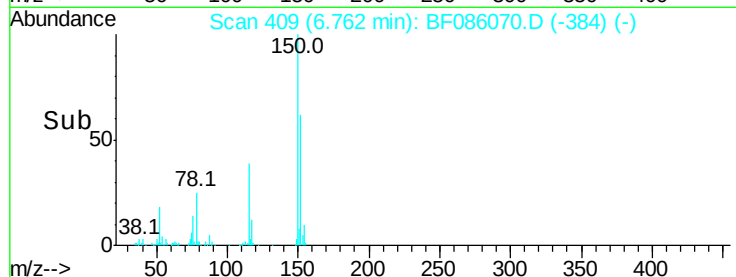
115 63.0 47.0 70.6



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: 123.62 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

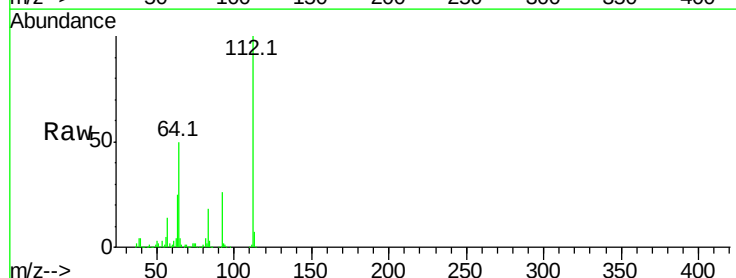
Tgt Ion:112 Resp: 736458

Ion Ratio Lower Upper

112 100

64 49.8 39.9 59.9

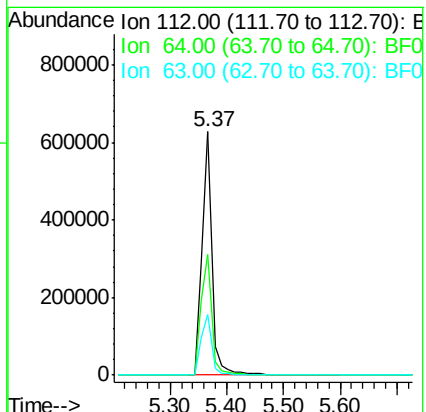
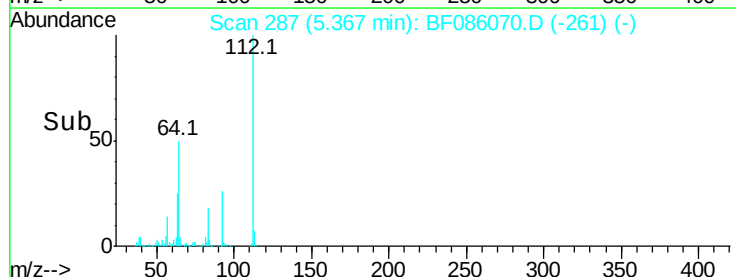
63 25.1 20.2 30.2

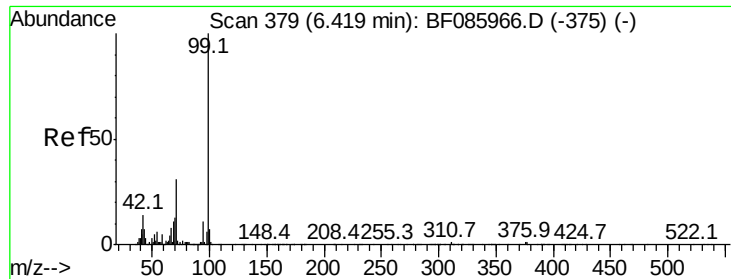


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

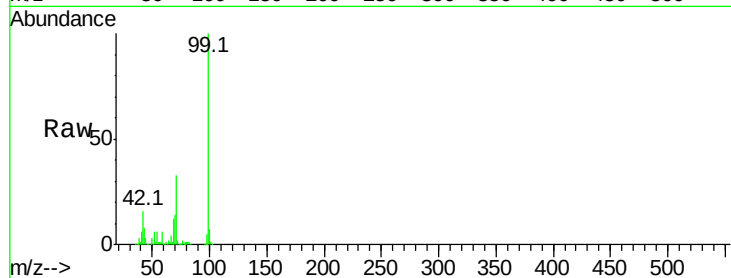
Tot Ion: 99 Resp: 775755

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

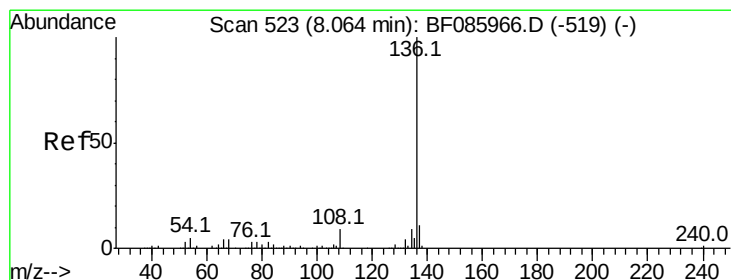
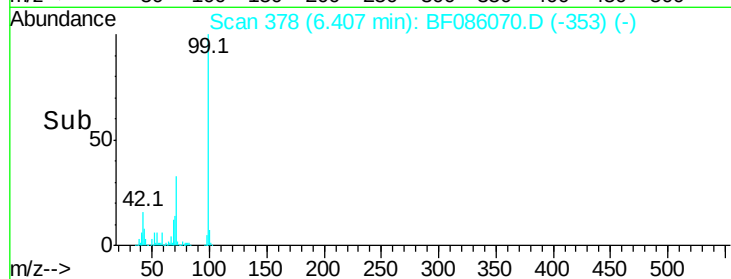
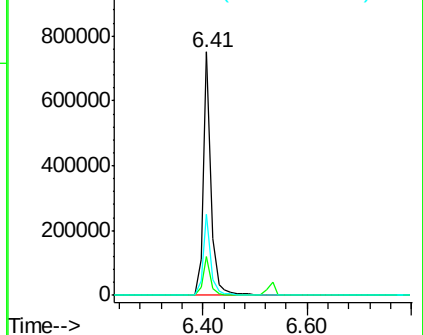
71 33.3 24.9 37.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Tgt Ion: 136 Resp: 365690

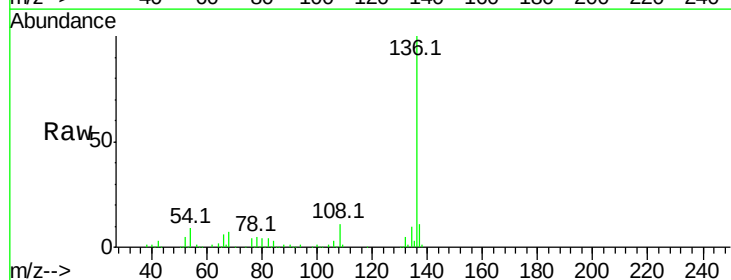
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.3 7.4 11.0

68 7.5 5.8 8.8

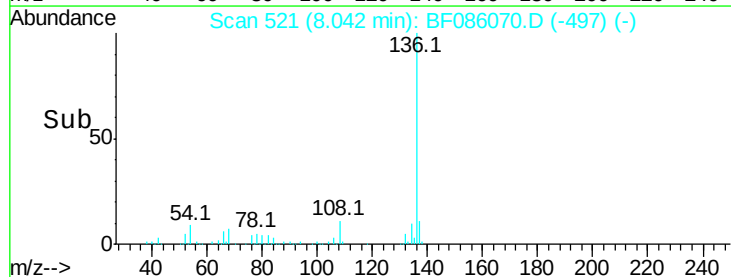
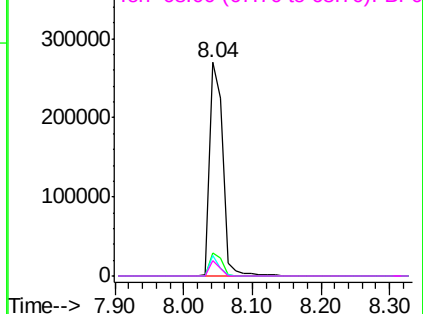


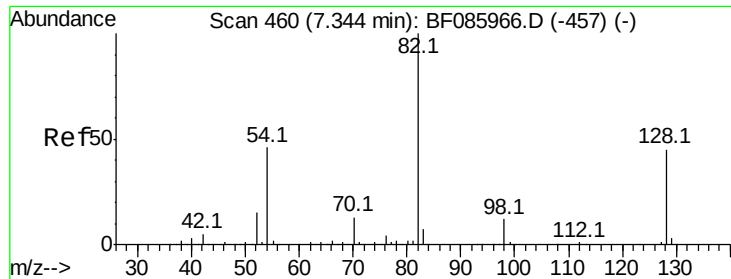
Abundance Ion 136.00 (135.70 to 136.70): E

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

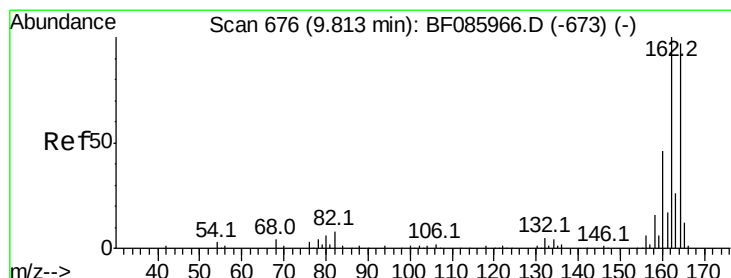
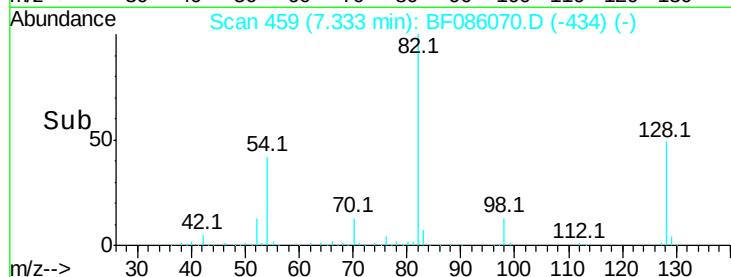
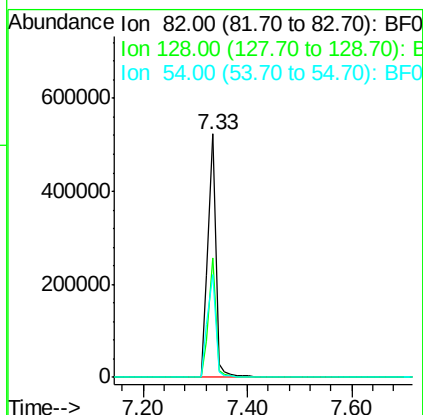
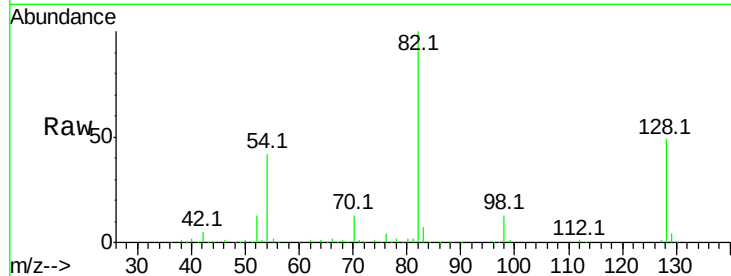




#23
 Nitrobenzene-d5
 Concen: 89.50 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

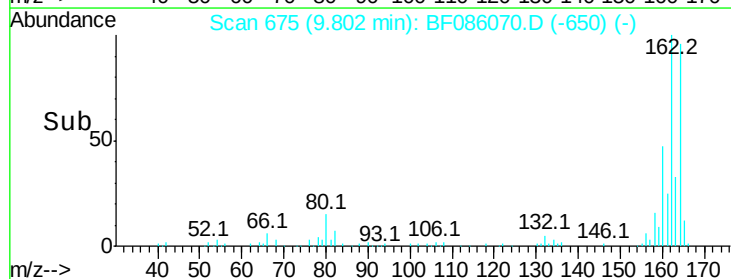
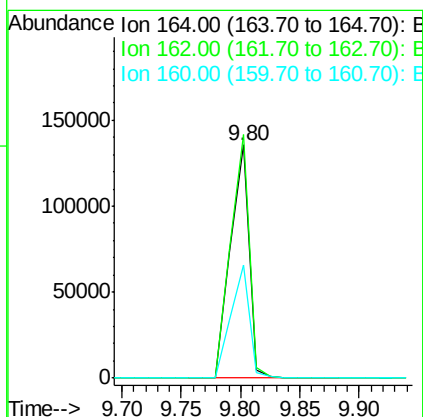
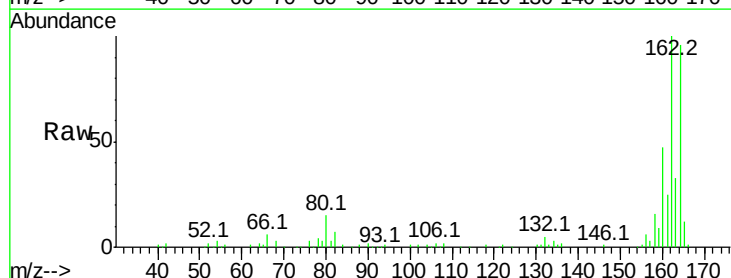
Instrument :
 BNA_F
 ClientSampleId :
 PB89469BL

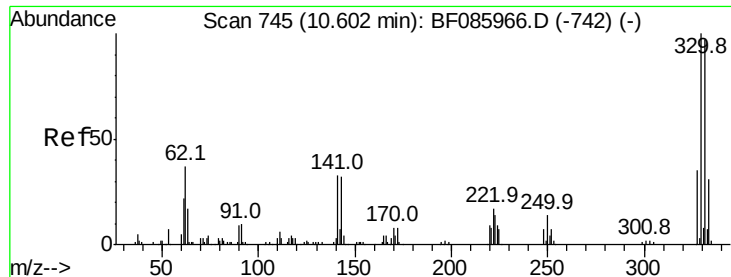
Tot Ion: 82 Resp: 554966
 Ion Ratio Lower Upper
 82 100
 128 49.1 41.8 62.8
 54 42.1 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Tgt Ion: 164 Resp: 148348
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.1 123.1
 160 48.6 37.4 56.2

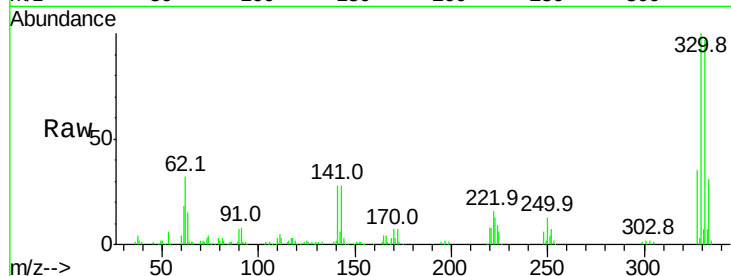




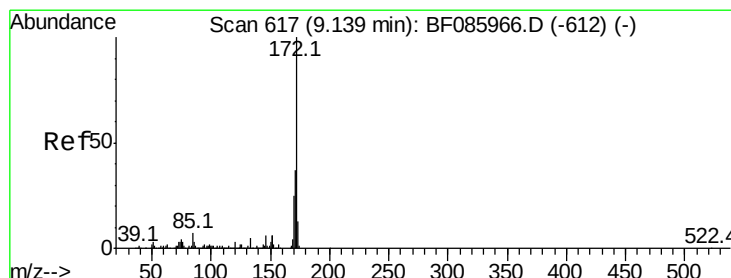
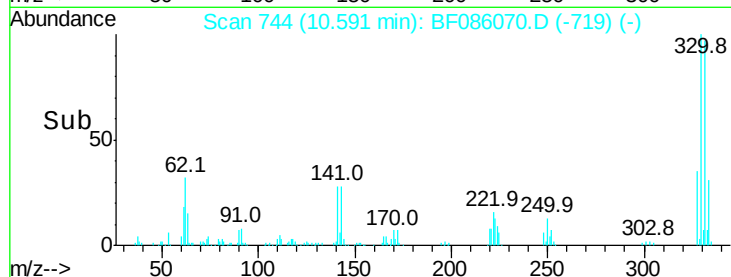
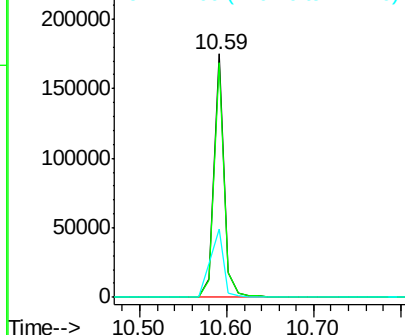
#41
 2,4,6-Tribromophenol
 Concen: 105.60 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	37.0	31.5	47.3

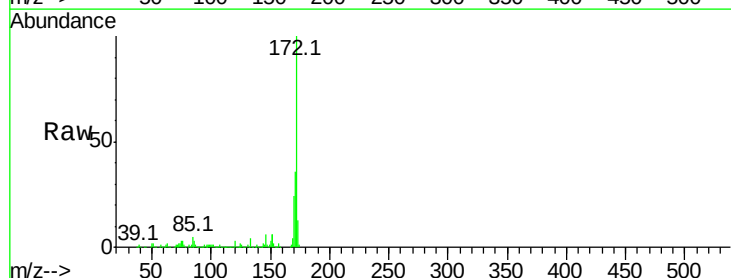


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

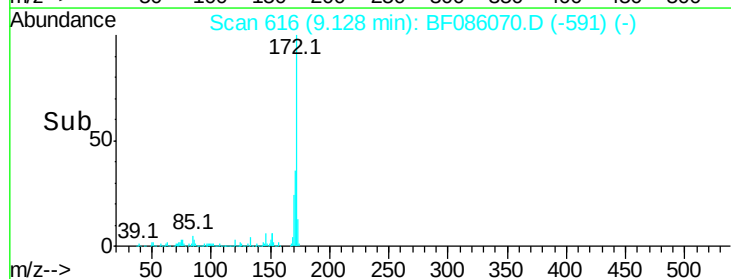
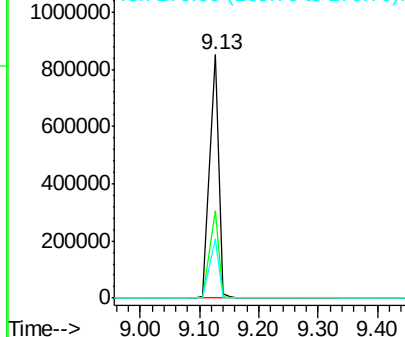


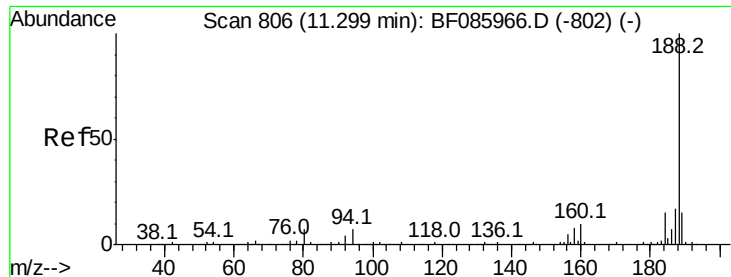
#44
 2-Fluorobiphenyl
 Concen: 101.63 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	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

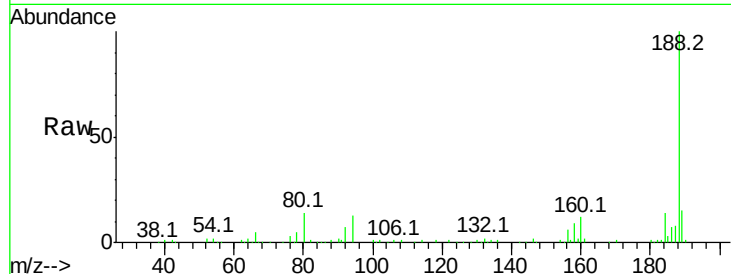




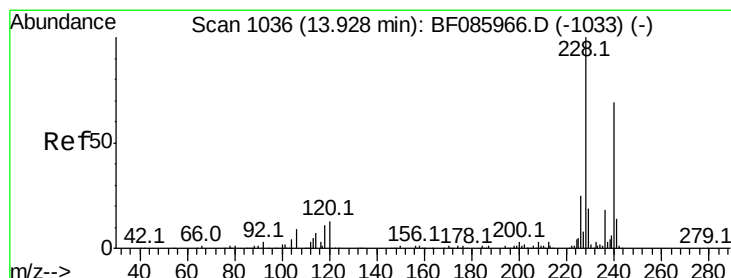
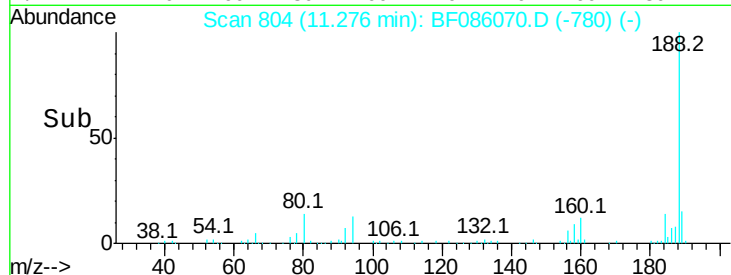
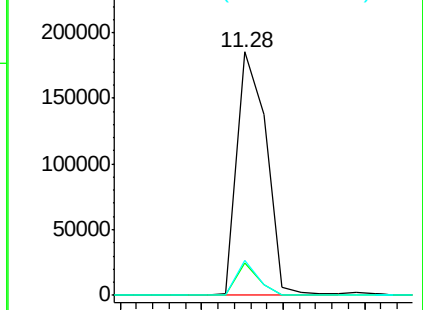
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.3	5.5	8.3#

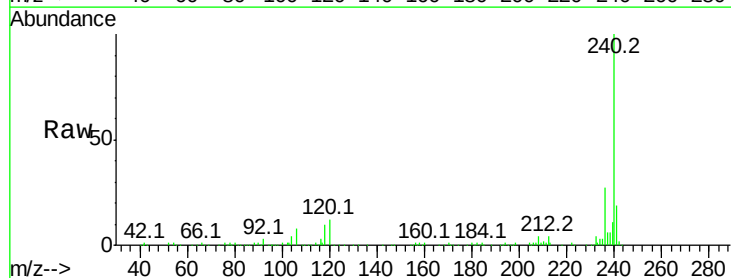


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

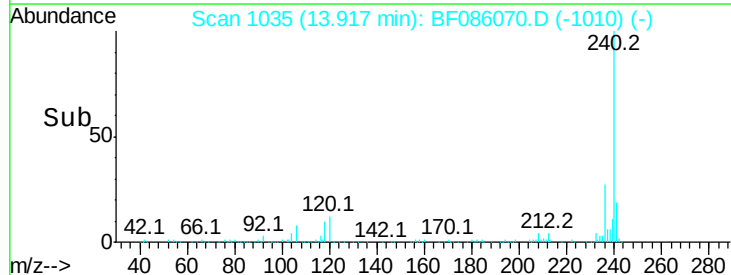
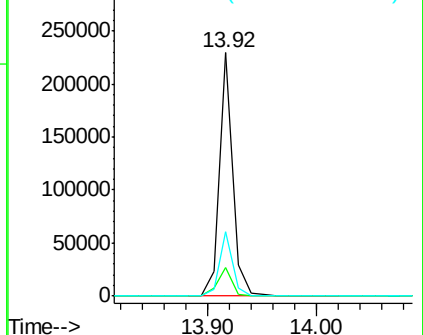


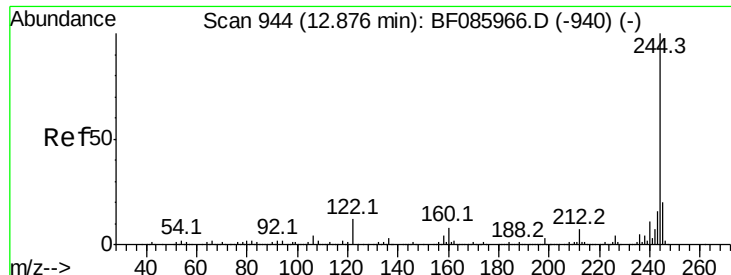
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	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: 75.55 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

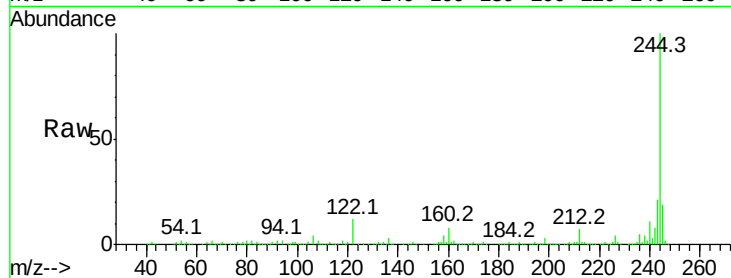
Tot Ion:244 Resp: 635259

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

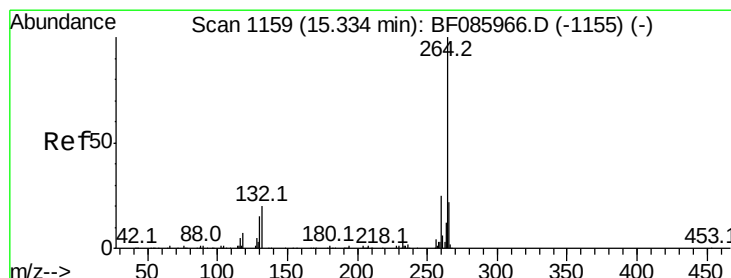
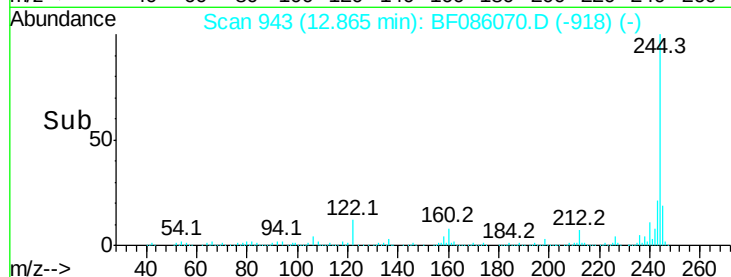
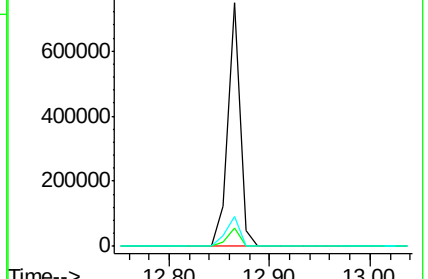
122 12.2 10.2 15.4



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

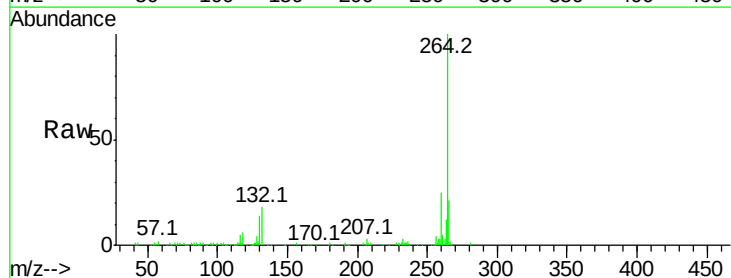
Tgt Ion:264 Resp: 153295

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

