

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086176.D
 Acq On : 8 Apr 2016 18:59
 Operator : UM/SJ
 Sample : PB89682BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BL

Quant Time: Apr 09 00:14:28 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	117684	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	491257	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	231422	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	465451	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	345381	20.00	ng	-0.05
86) Perylene-d12	15.28	264	249132	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	847339	123.07	ng	-0.03
7) Phenol-d6	6.37	99	918435	105.02	ng	-0.05
23) Nitrobenzene-d5	7.30	82	685888	82.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	292697	134.75	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1201345	86.31	ng	-0.05
78) Terphenyl-d14	12.83	244	1134804	77.23	ng	-0.05

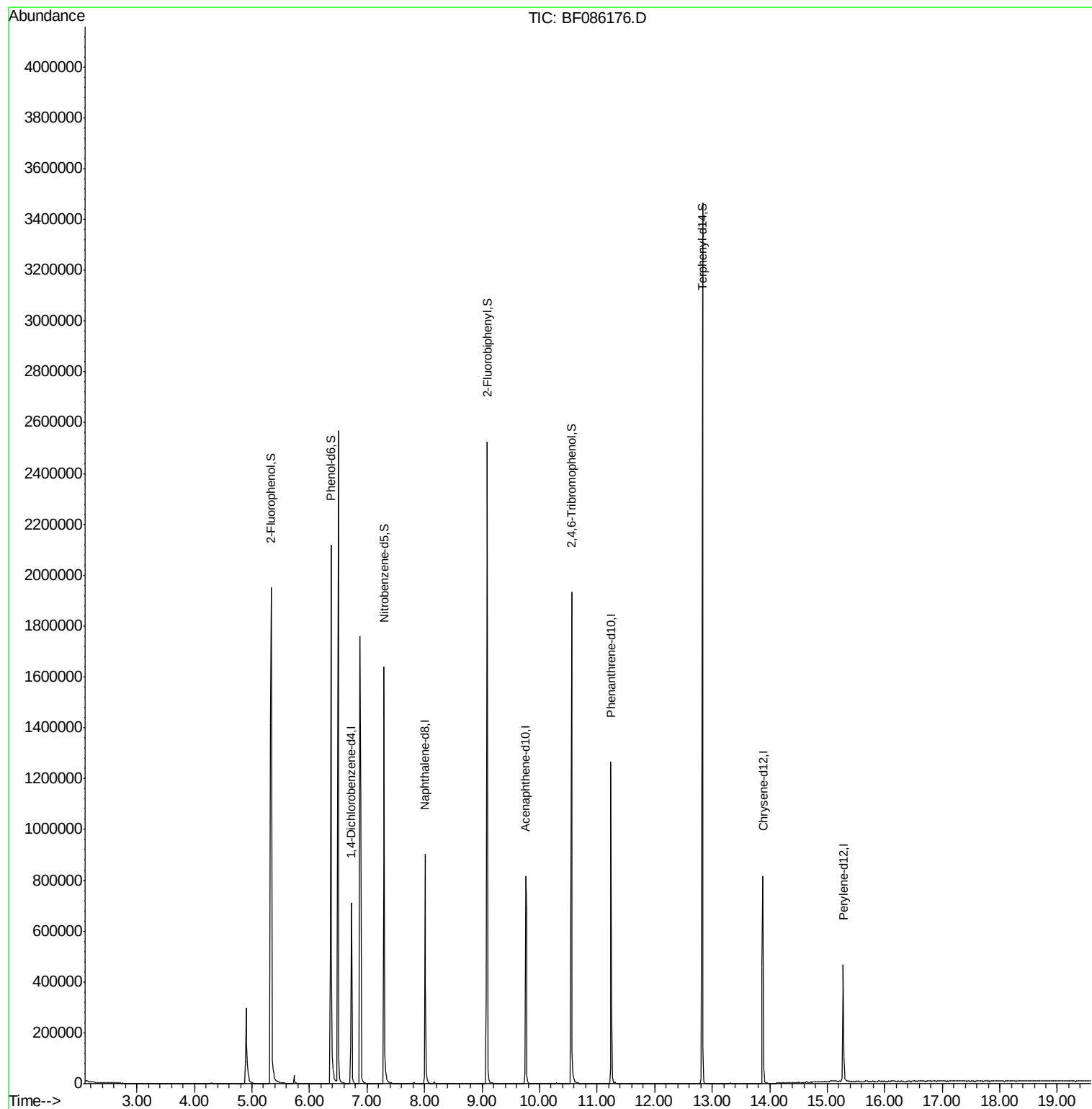
Target Compounds Qvalue

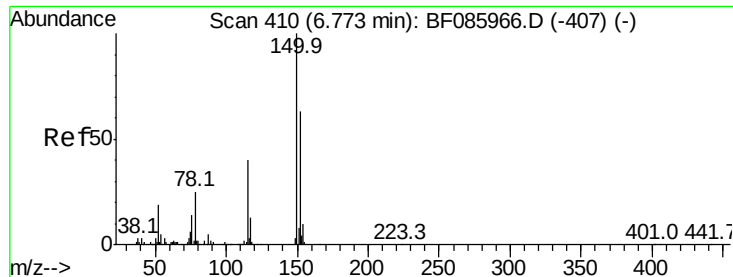
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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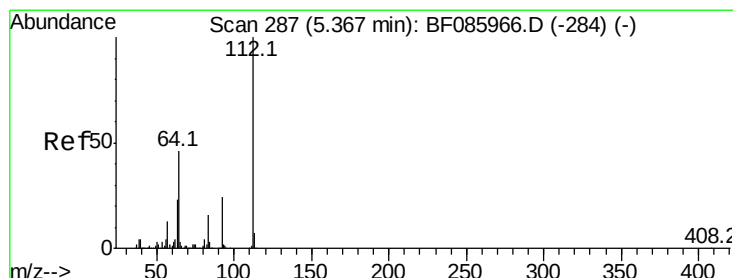
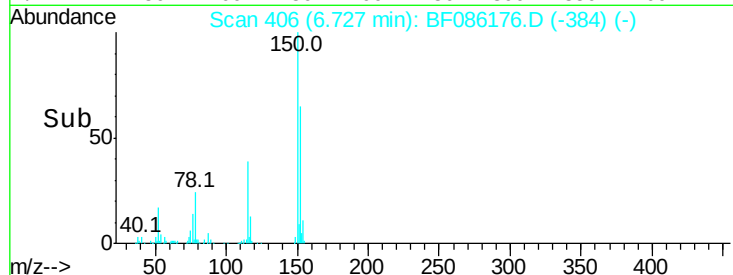
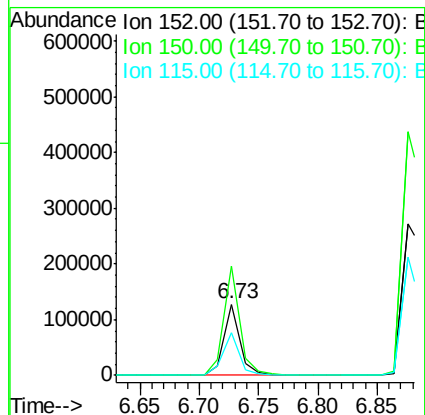
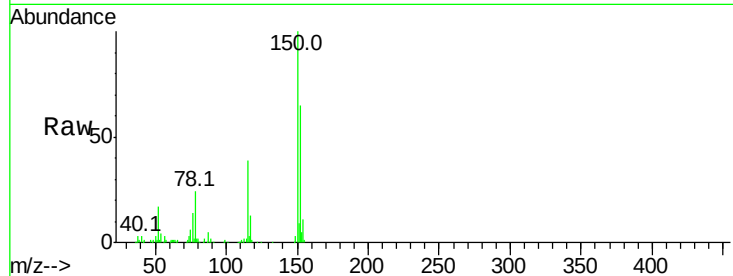


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

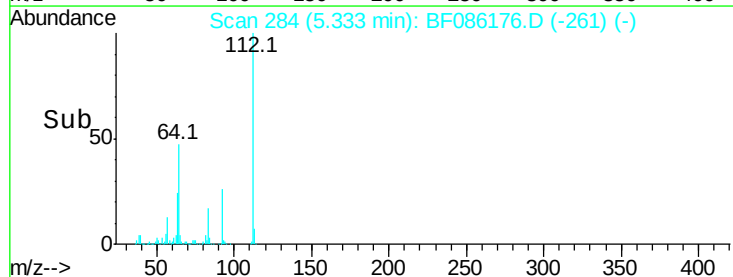
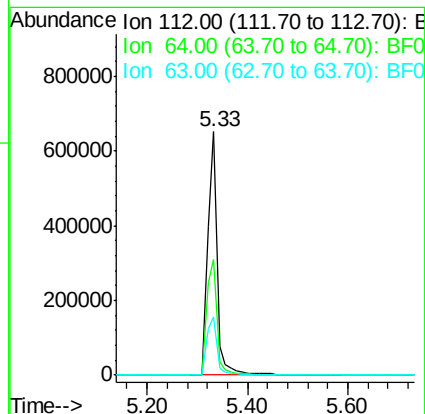
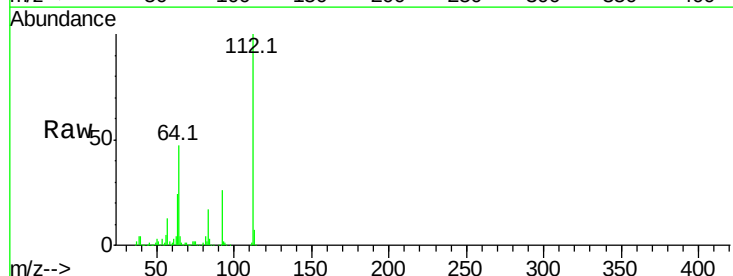
Tot Ion:152 Resp: 117684
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 59.8 47.0 70.6

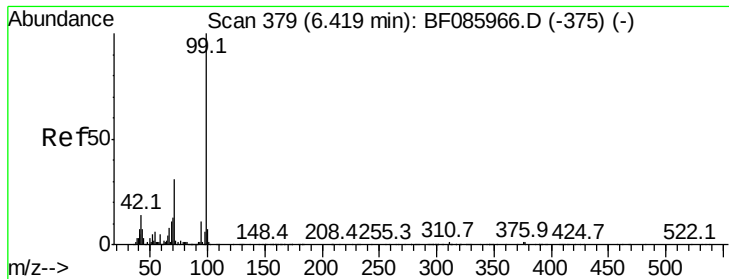


#5

2-Fluorophenol
Concen: 123.07 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:112 Resp: 847339
Ion Ratio Lower Upper
112 100
64 47.3 39.9 59.9
63 23.8 20.2 30.2





#7

Phenol-d6

Concen: 105.02 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086176.D

Acq: 8 Apr 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB89682BL

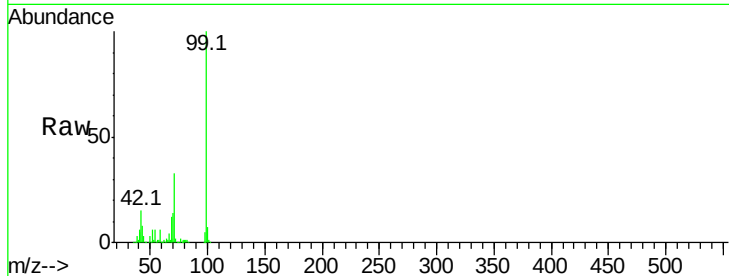
Tot Ion: 99 Resp: 918435

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

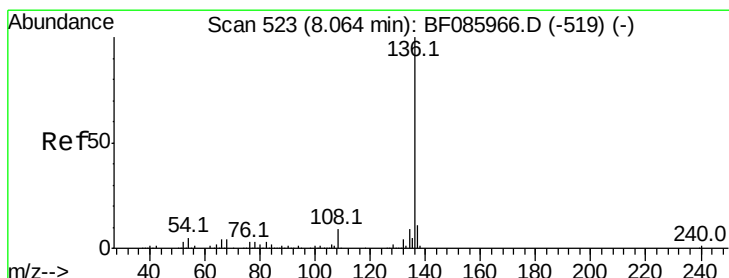
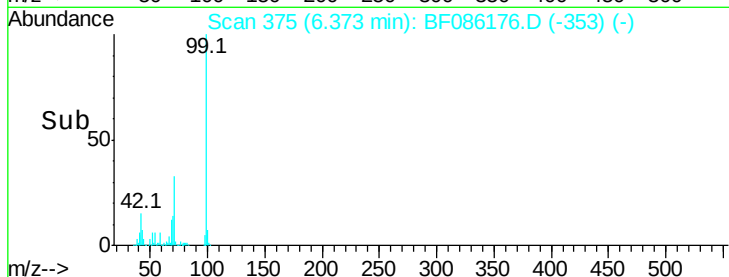
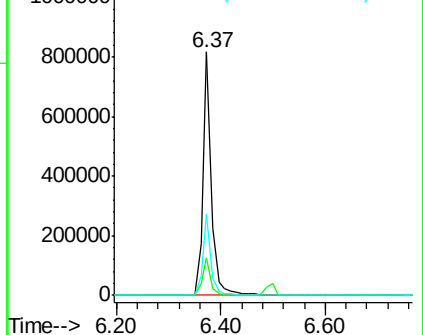
71 33.4 24.9 37.3



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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086176.D

Acq: 8 Apr 2016 18:59

Tgt Ion: 136 Resp: 491257

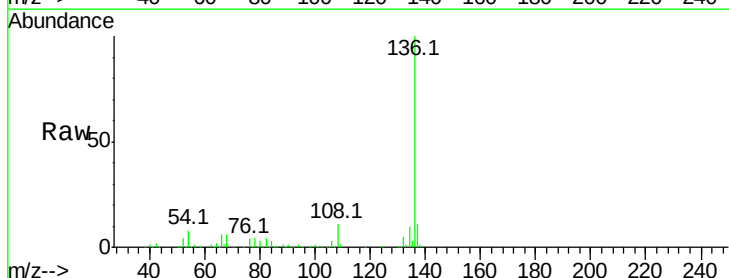
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.0 7.4 11.0

68 6.3 5.8 8.8

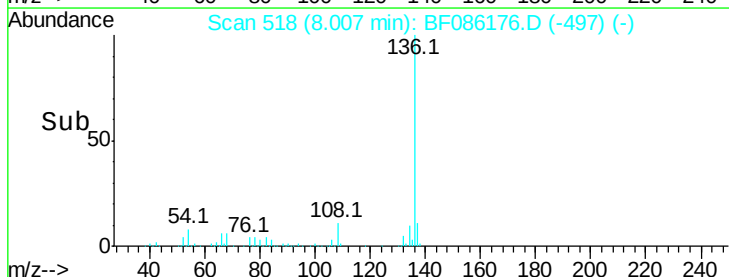
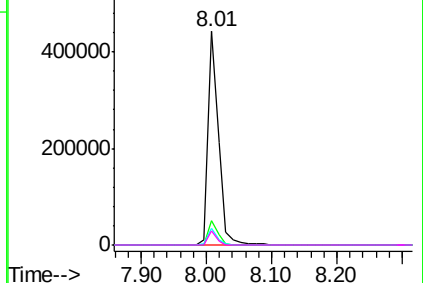


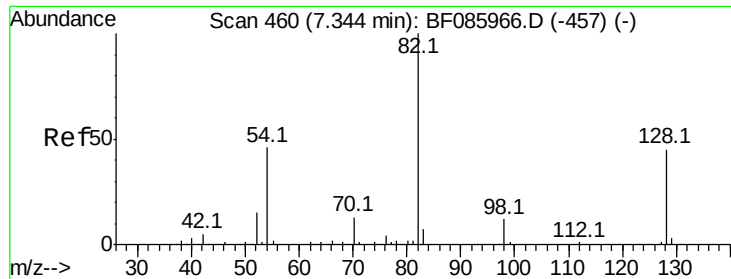
Abundance Ion 136.00 (135.70 to 136.70): E

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

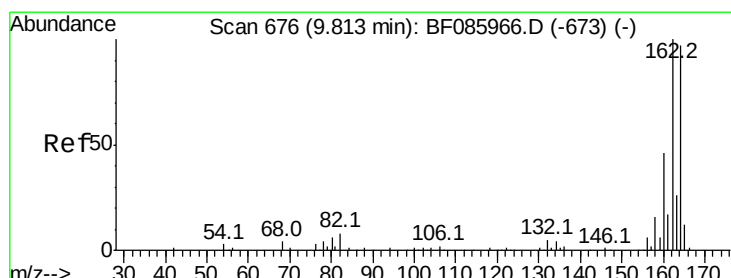
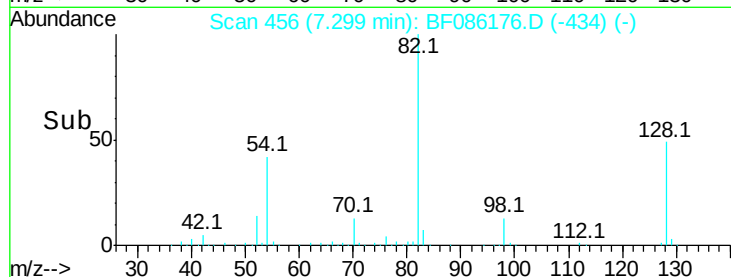
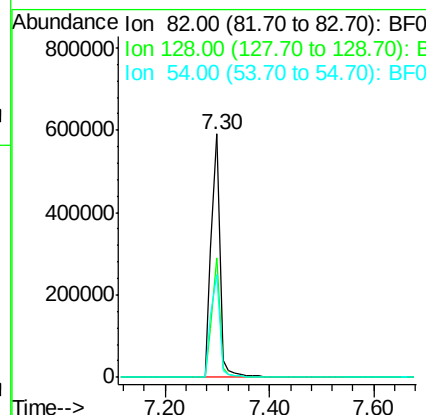
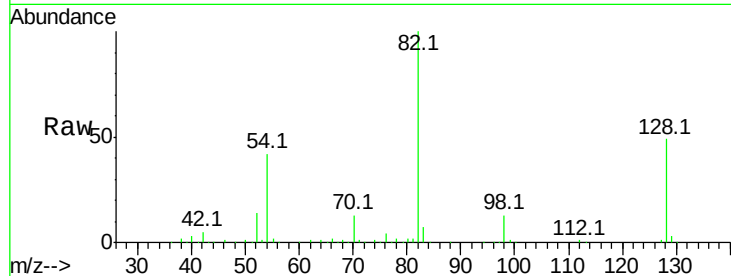




#23
 Nitrobenzene-d5
 Concen: 82.34 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086176.D
 Acq: 8 Apr 2016 18:59

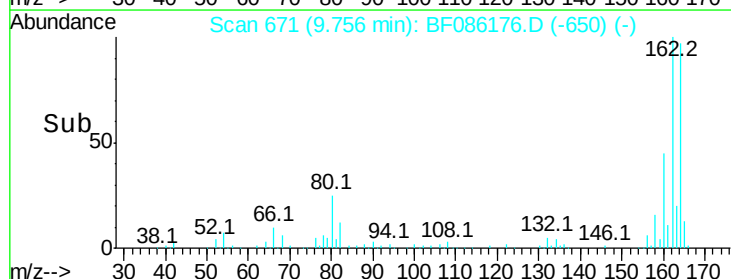
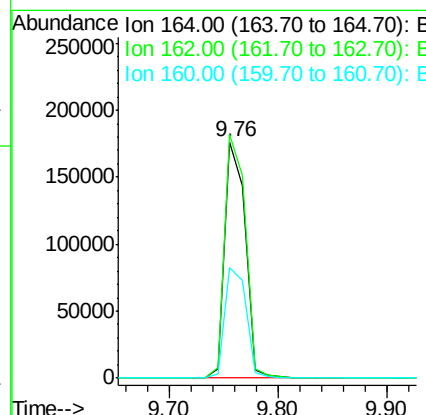
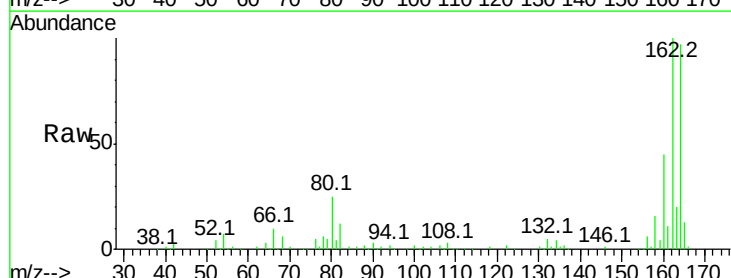
Instrument :
 BNA_F
 ClientSampleID :
 PB89682BL

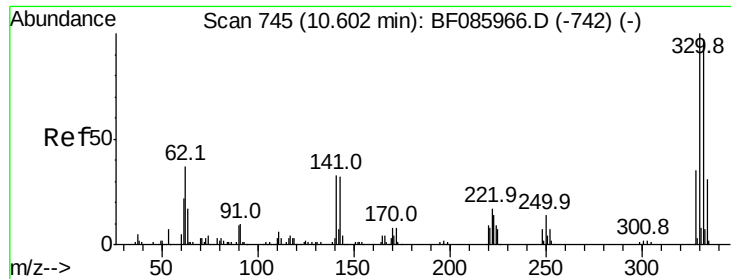
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	41.8	62.8
54	42.4	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.06 min
 Lab File: BF086176.D
 Acq: 8 Apr 2016 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	46.7	37.4	56.2

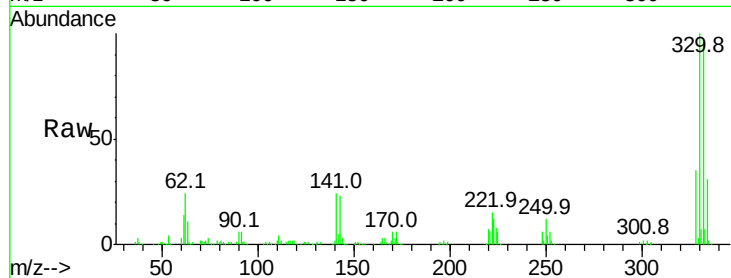




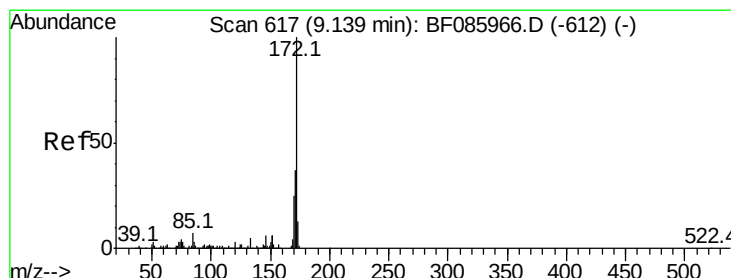
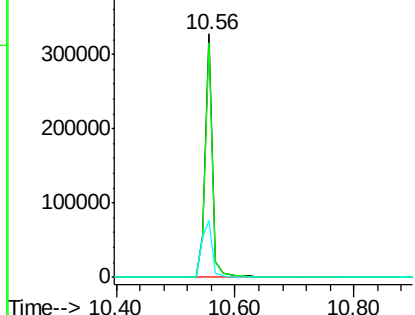
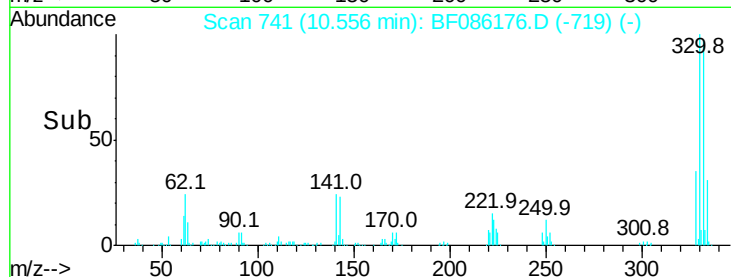
#41
 2,4,6-Tribromophenol
 Concen: 134.75 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086176.D
 Acq: 8 Apr 2016 18:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89682BL

Tot Ion:330 Resp: 292697
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 34.0 31.5 47.3

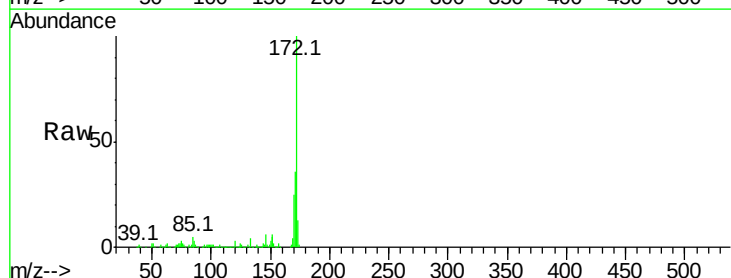


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

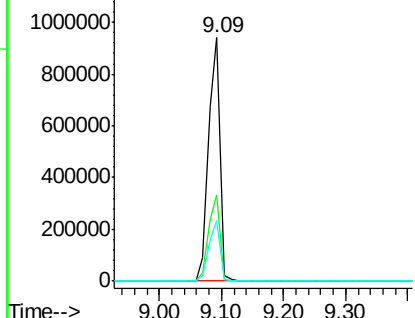
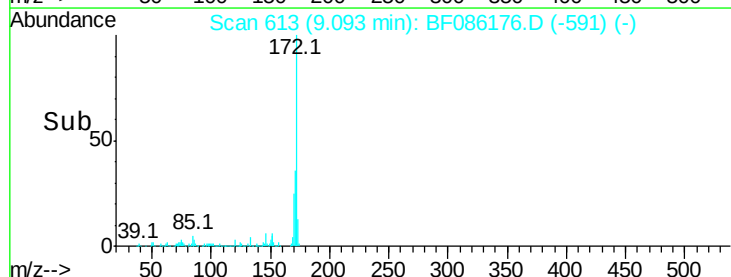


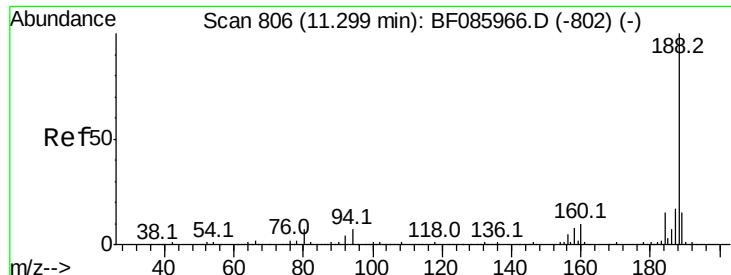
#44
 2-Fluorobiphenyl
 Concen: 86.31 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086176.D
 Acq: 8 Apr 2016 18:59

Tgt Ion:172 Resp: 1201345
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.7 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

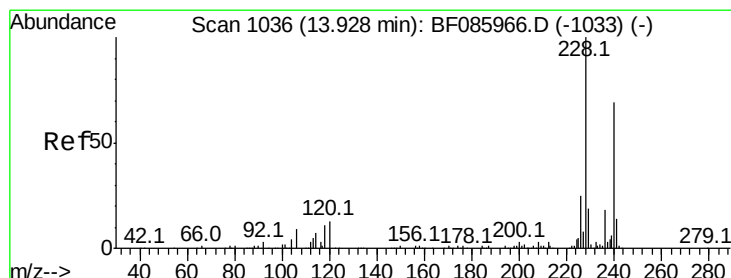
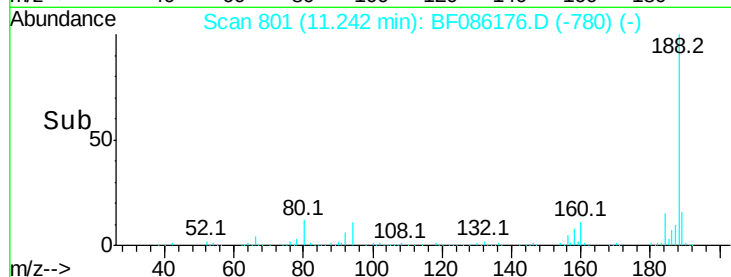
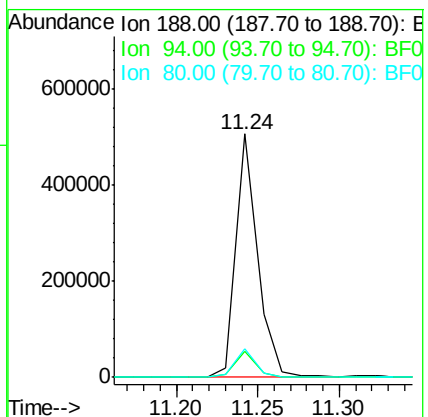
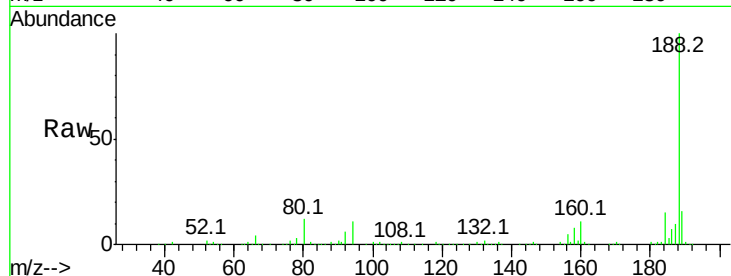




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

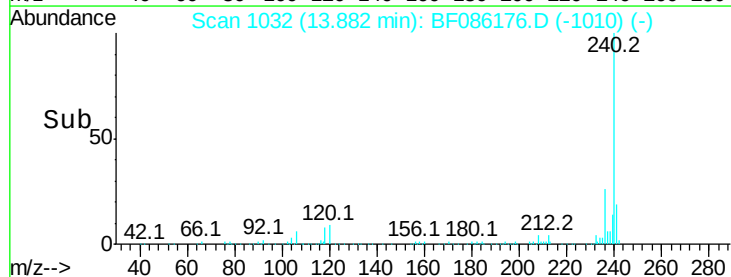
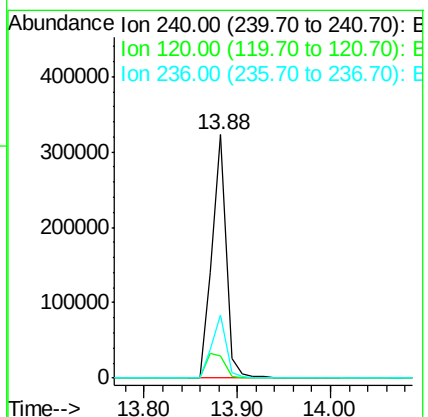
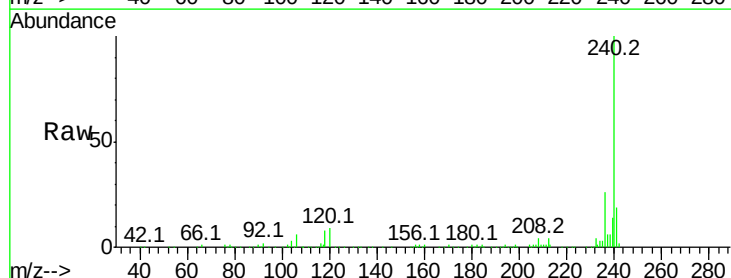
Instrument :
BNA_F
ClientSampleId :
PB89682BL

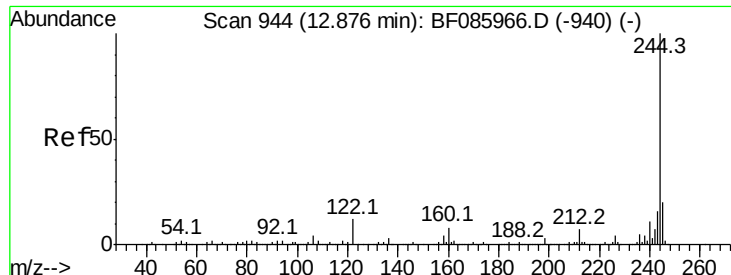
Tot Ion:188 Resp: 465451
Ion Ratio Lower Upper
188 100
94 10.9 5.4 8.0#
80 11.6 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:240 Resp: 345381
Ion Ratio Lower Upper
240 100
120 9.0 13.8 20.8#
236 26.1 20.6 30.8





#78

Terphenyl-d14

Concen: 77.23 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086176.D

Acq: 8 Apr 2016 18:59

Instrument :

BNA_F

ClientSampleId :

PB89682BL

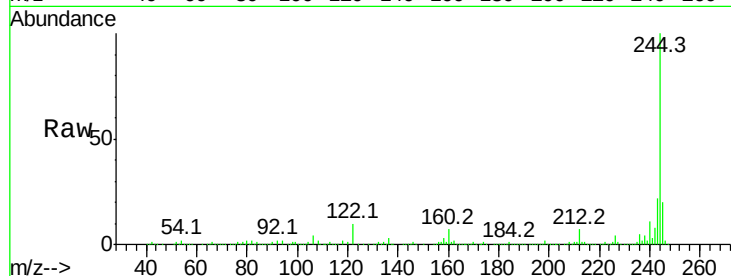
Tot Ion:244 Resp: 1134804

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

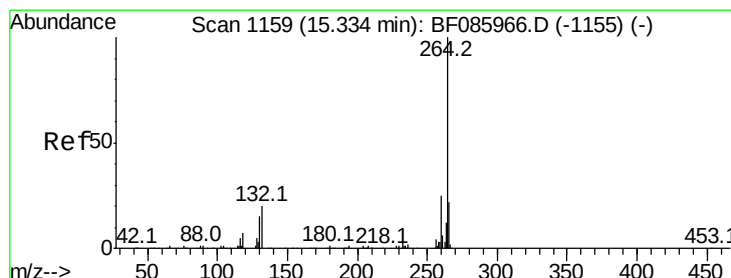
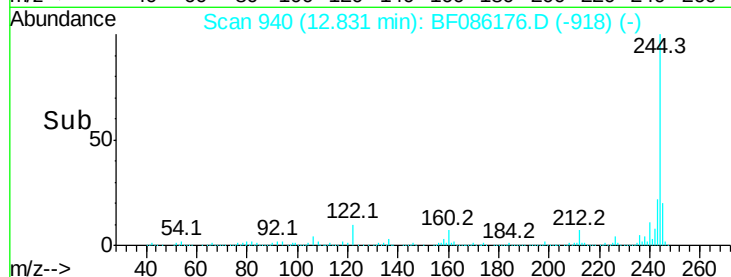
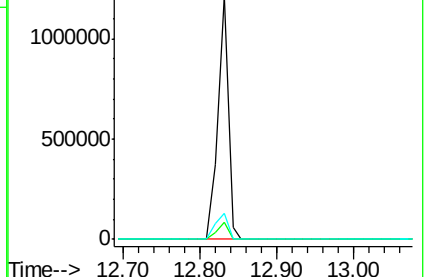
122 10.4 10.2 15.4



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: BF086176.D

Acq: 8 Apr 2016 18:59

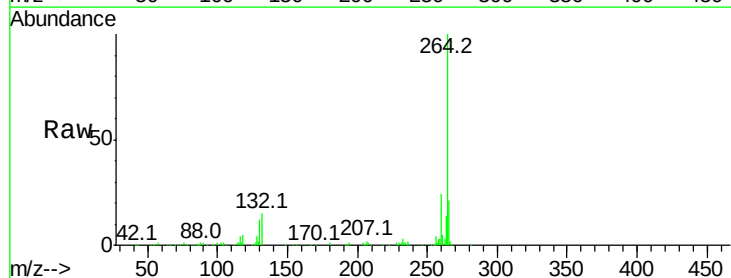
Tgt Ion:264 Resp: 249132

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.4 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

