

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087166.D
 Acq On : 19 May 2016 2:52
 Operator : UM/SJ
 Sample : PB90651TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Quant Time: May 19 04:55:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	128783	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	511532	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	239378	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	407087	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	298760	20.00	ng	-0.01
86) Perylene-d12	15.06	264	296478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	929871	121.36	ng	0.01
7) Phenol-d6	6.25	99	1234998	120.18	ng	0.00
23) Nitrobenzene-d5	7.15	82	805440	78.47	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	252583	95.49	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1276188	88.29	ng	0.00
78) Terphenyl-d14	12.67	244	1047701	79.33	ng	0.00

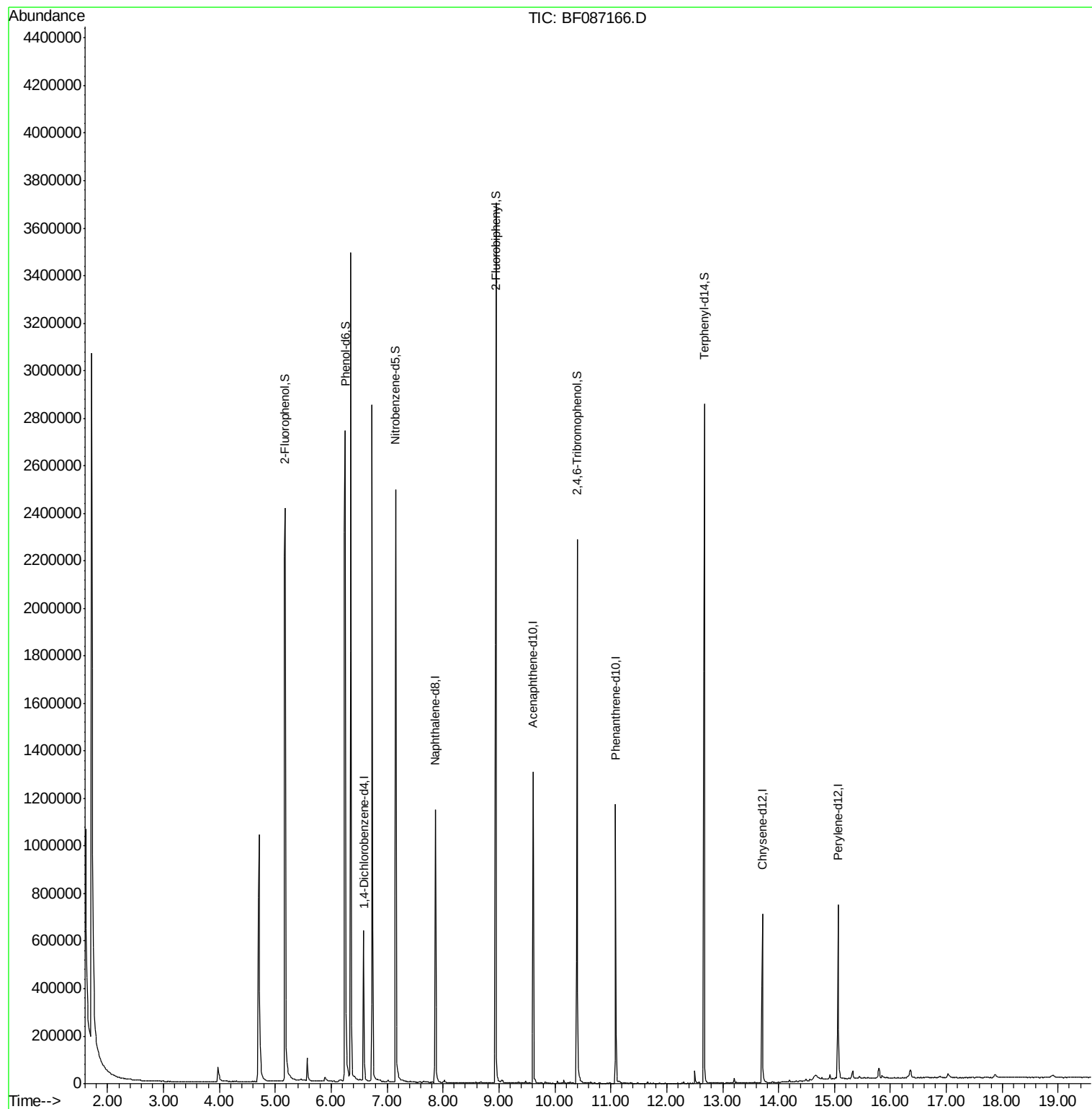
Target Compounds Qvalue

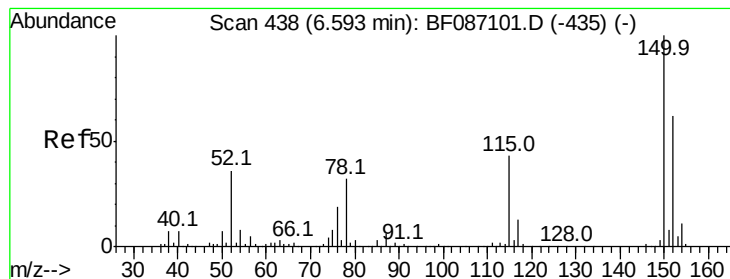
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087166.D
Acq On : 19 May 2016 2:52
Operator : UM/SJ
Sample : PB90651TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Quant Time: May 19 04:55:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 04:41:44 2016
Response via : Initial Calibration



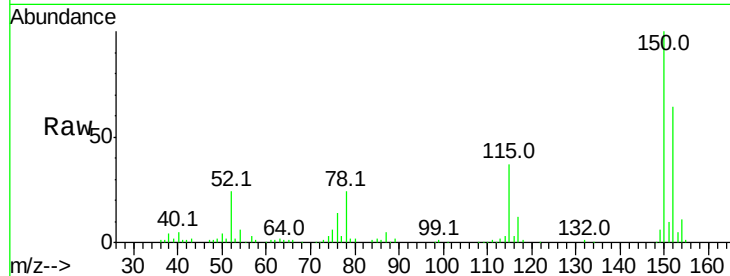


#1

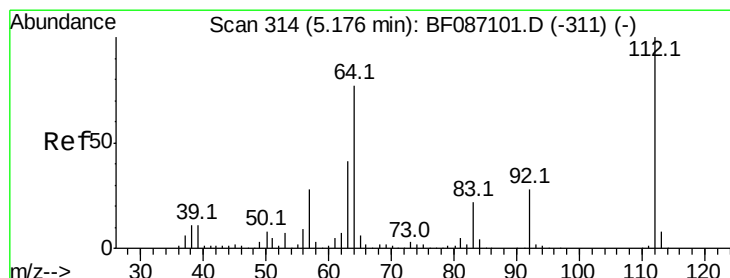
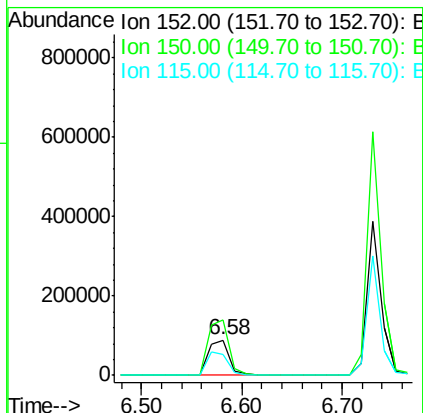
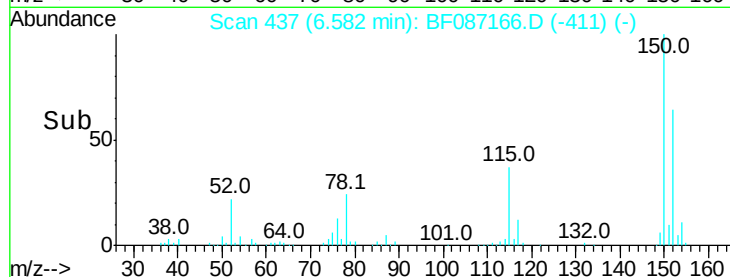
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tot Ion:152 Resp: 128783
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 58.2 51.5 77.3



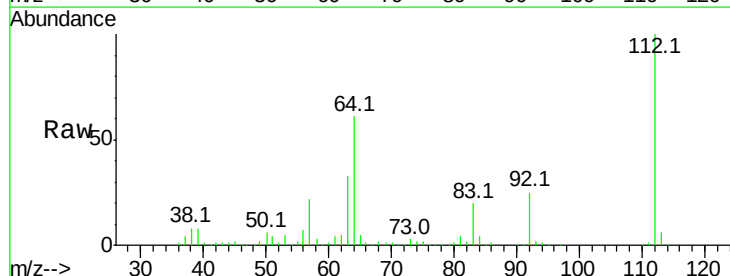
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



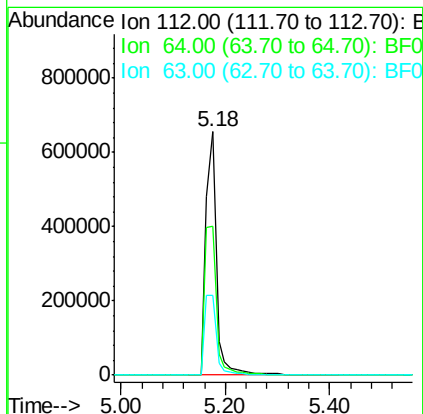
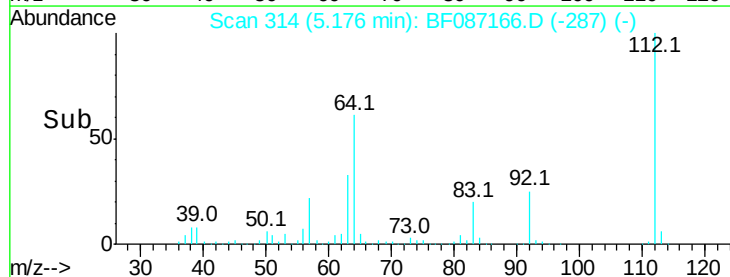
#5

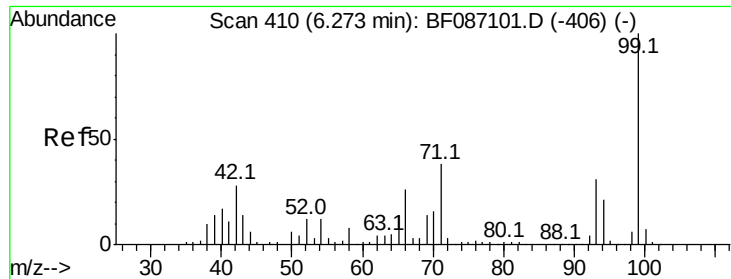
2-Fluorophenol
Concen: 121.36 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.01 min
Lab File: BF087166.D
Acq: 19 May 2016 2:52

Tgt Ion:112 Resp: 929871
Ion Ratio Lower Upper
112 100
64 61.2 52.1 78.1
63 33.0 25.7 38.5



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: 120.18 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087166.D

Acq: 19 May 2016 2:52

Instrument :

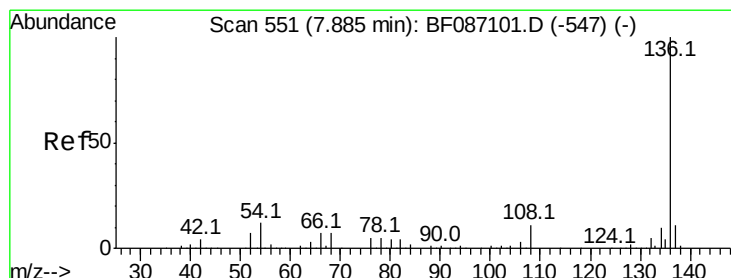
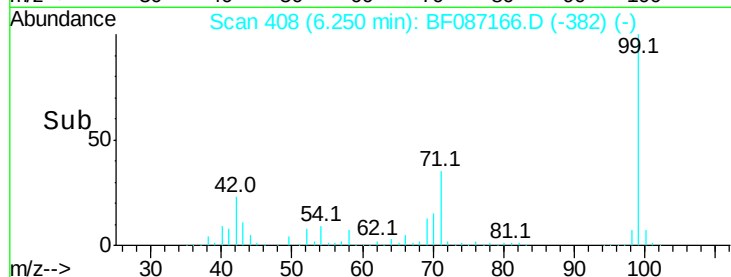
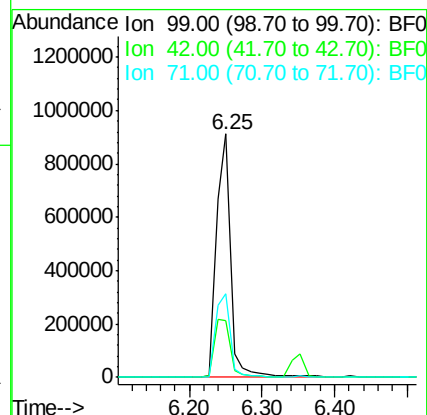
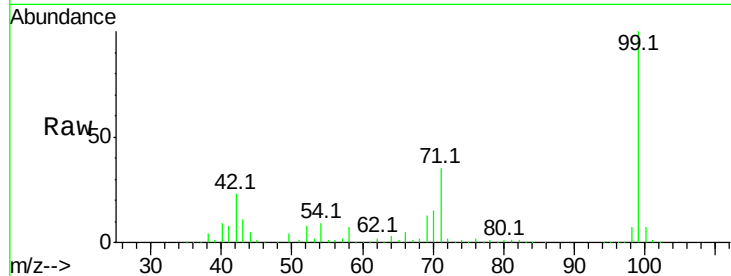
BNA_F

ClientSampleId :

PB90651TB

Tot Ion: 99 Resp: 1234998

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.6	20.4#
71	34.5	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

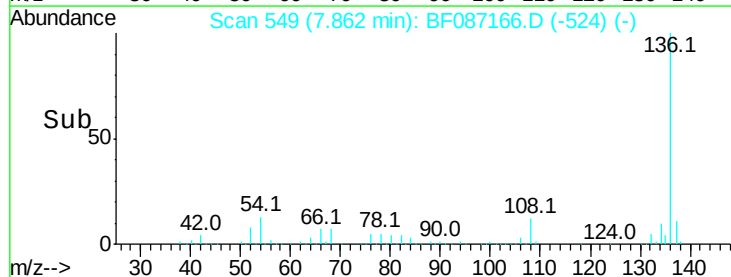
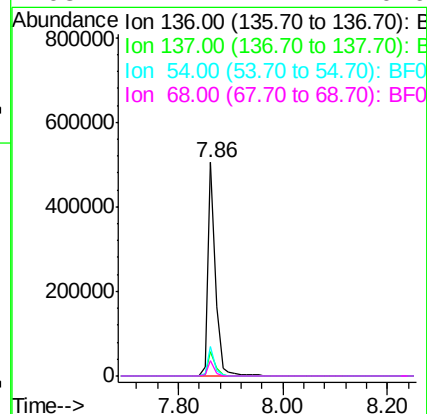
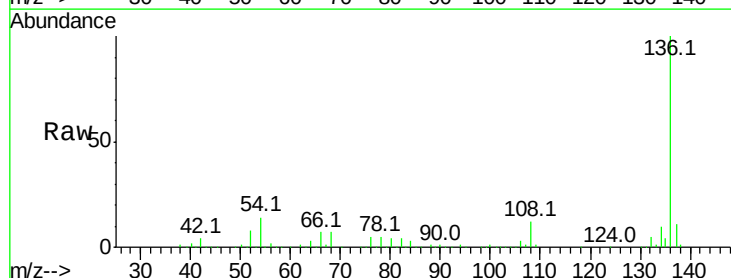
Delta R.T. -0.01 min

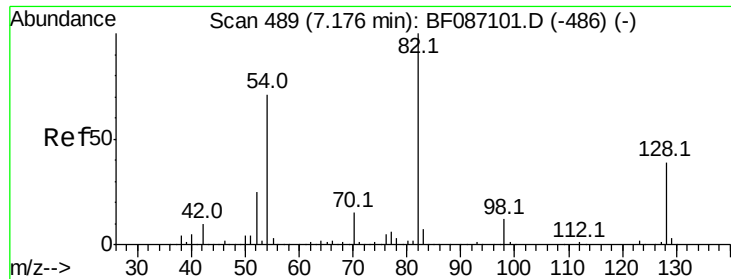
Lab File: BF087166.D

Acq: 19 May 2016 2:52

Tgt Ion: 136 Resp: 511532

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.6	5.0	7.4#
68	7.1	4.4	6.6#

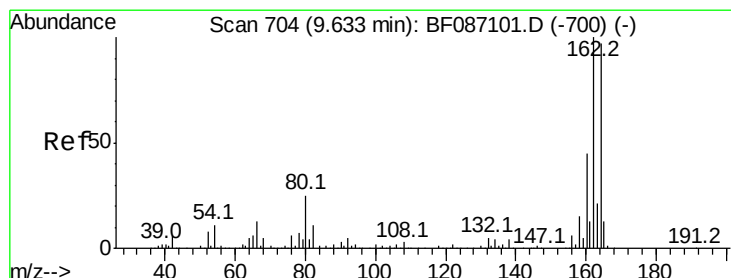
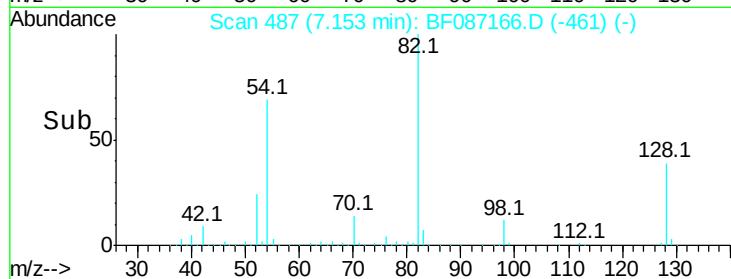
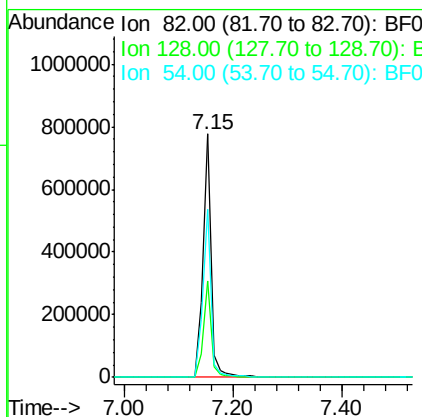
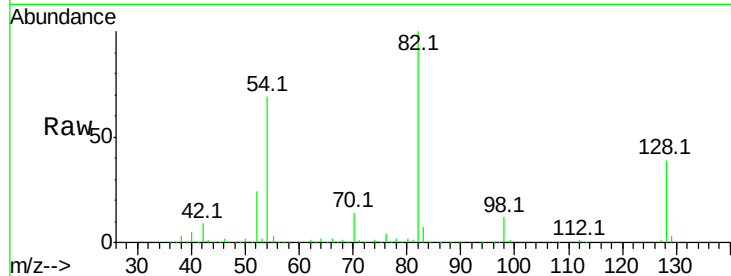




#23
 Nitrobenzene-d5
 Concen: 78.47 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF087166.D
 Acq: 19 May 2016 2:52

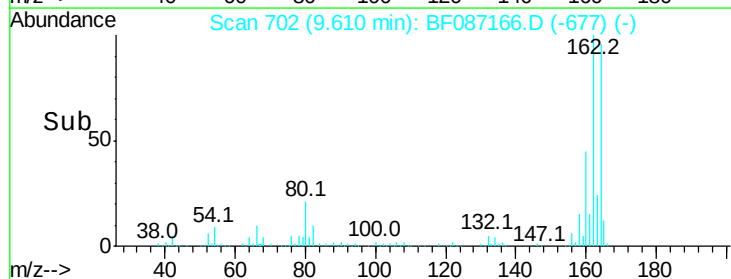
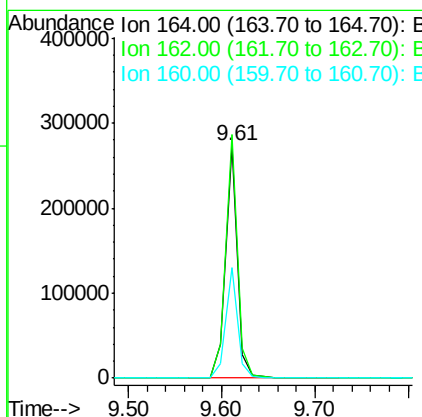
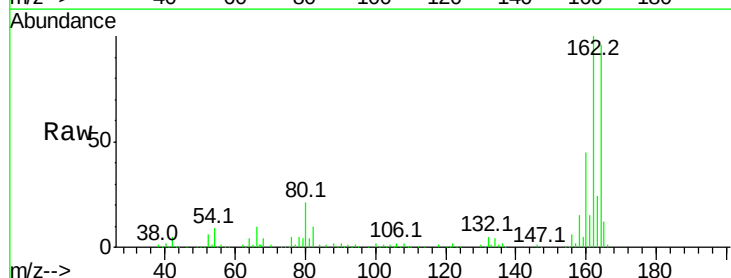
Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

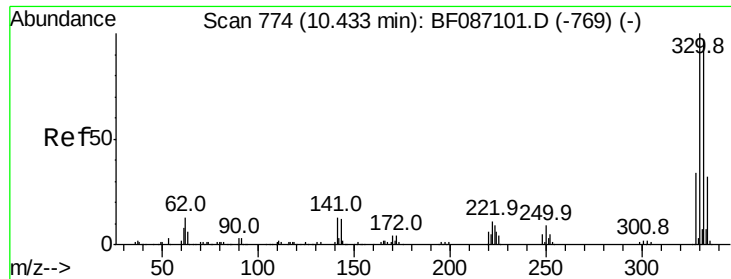
Tot Ion: 82 Resp: 805440
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 69.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF087166.D
 Acq: 19 May 2016 2:52

Tgt Ion: 164 Resp: 239378
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.8 124.2
 160 47.6 36.9 55.3

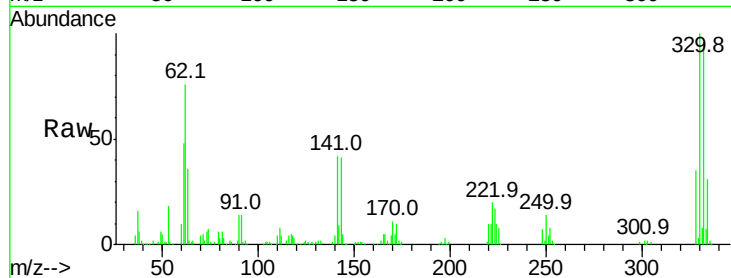




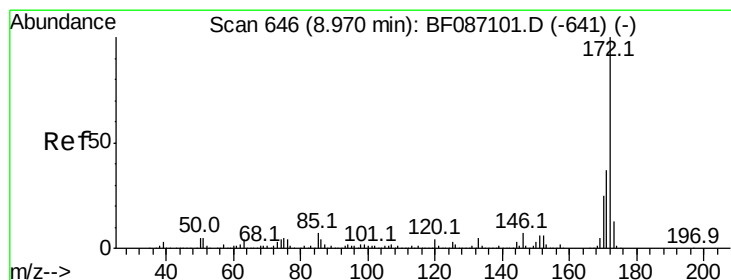
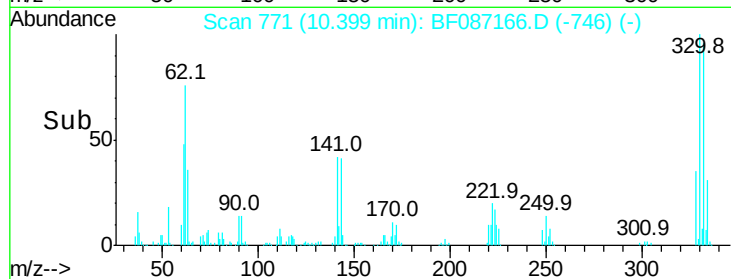
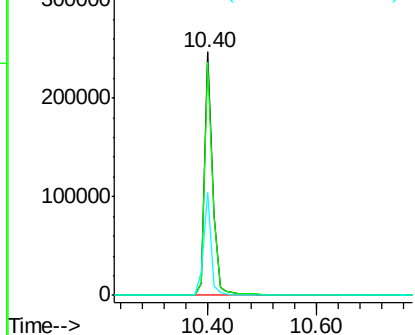
#41
 2,4,6-Tribromophenol
 Concen: 95.49 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF087166.D
 Acq: 19 May 2016 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Tot Ion:330 Resp: 252583
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 39.6 31.2 46.8

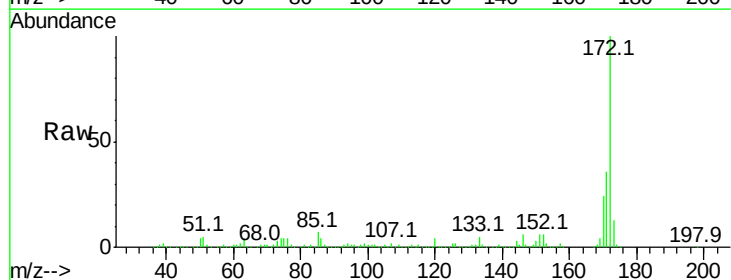


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

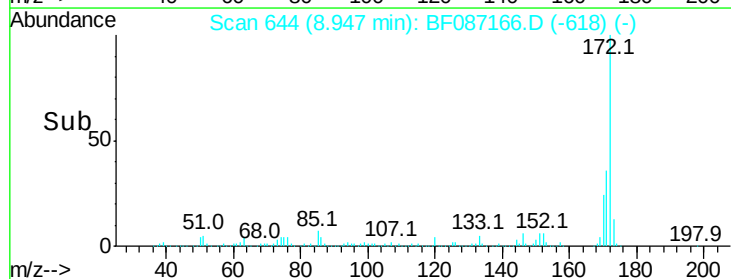
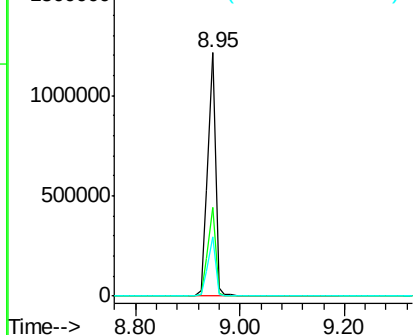


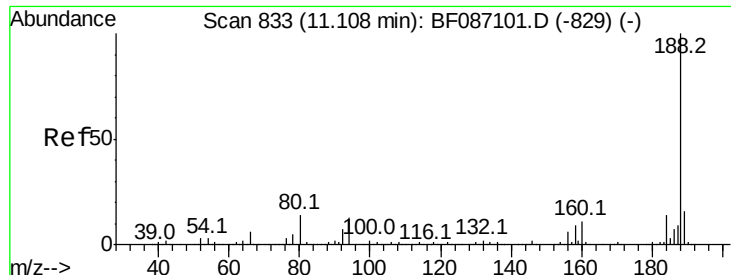
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF087166.D
 Acq: 19 May 2016 2:52

Tgt Ion:172 Resp: 1276188
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.4 19.8 29.8



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

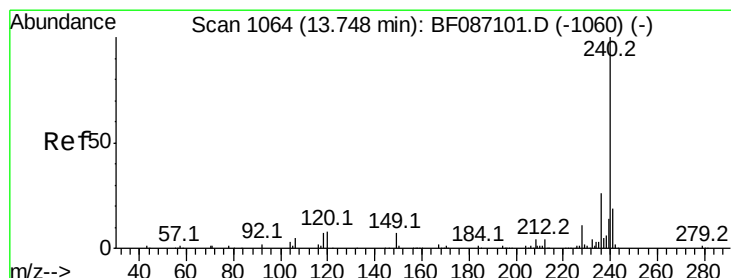
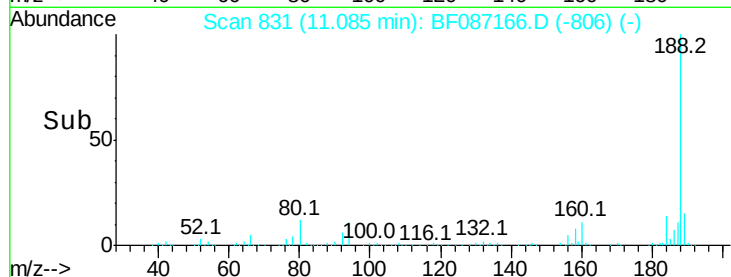
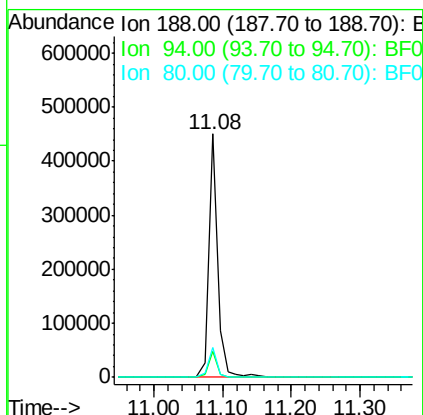
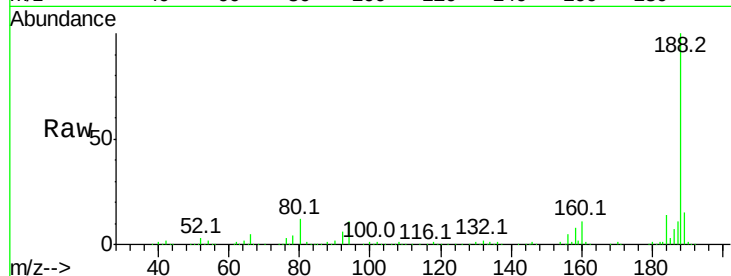




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF087166.D
 Acq: 19 May 2016 2:52

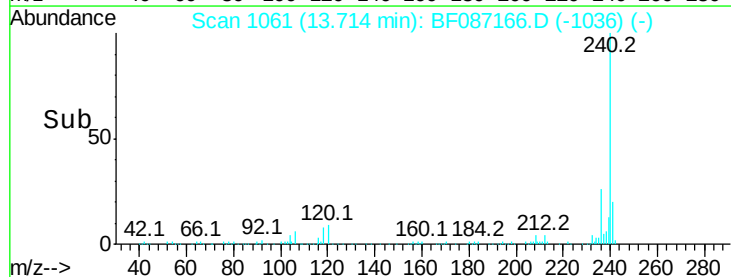
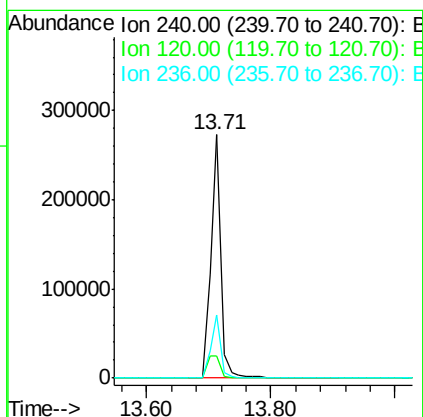
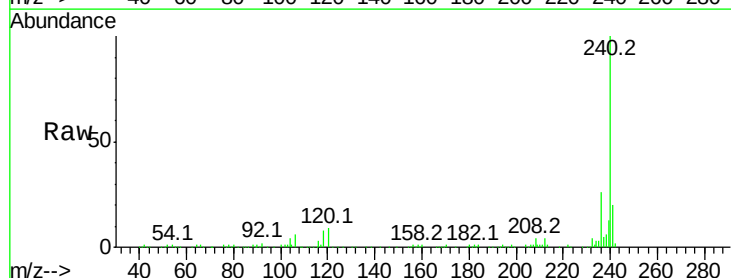
Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

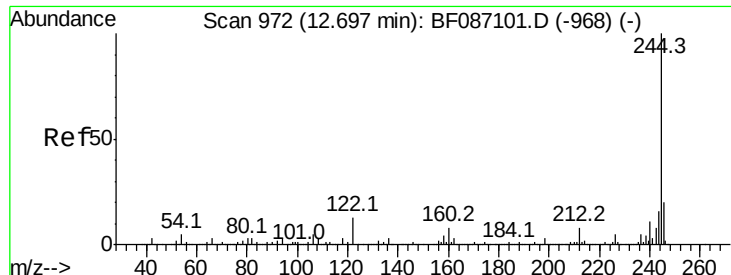
Tot Ion:188 Resp: 407087
 Ion Ratio Lower Upper
 188 100
 94 10.9 6.8 10.2#
 80 12.0 7.1 10.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087166.D
 Acq: 19 May 2016 2:52

Tgt Ion:240 Resp: 298760
 Ion Ratio Lower Upper
 240 100
 120 9.0 11.2 16.8#
 236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 79.33 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF087166.D

Acq: 19 May 2016 2:52

Instrument :

BNA_F

ClientSampleId :

PB90651TB

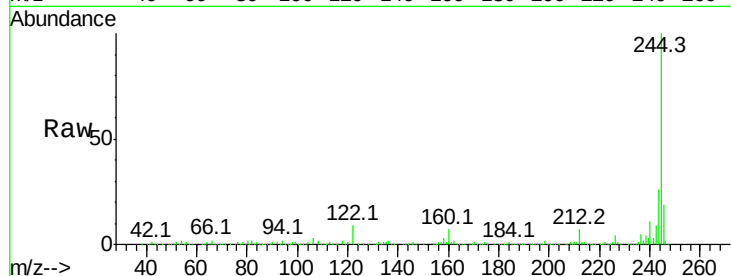
Tot Ion:244 Resp: 1047701

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

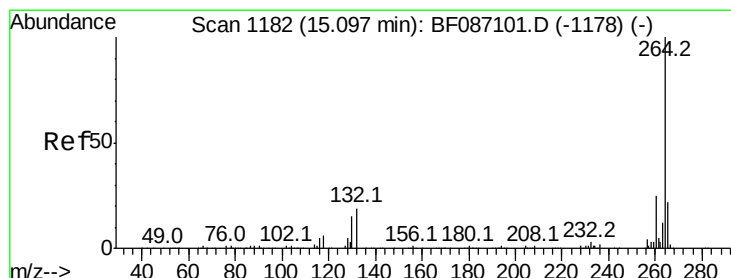
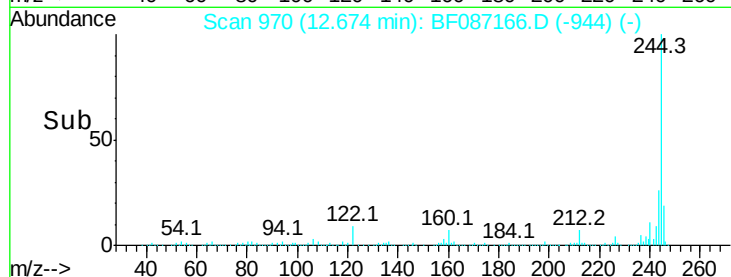
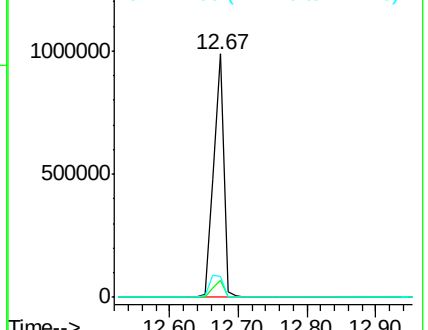
122 8.7 12.0 18.0#



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: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF087166.D

Acq: 19 May 2016 2:52

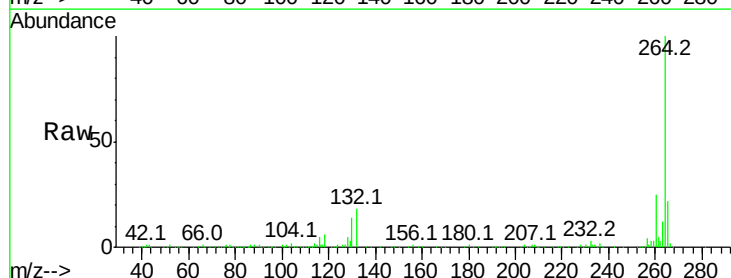
Tgt Ion:264 Resp: 296478

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 17.3 25.9



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

