

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087231.D
 Acq On : 20 May 2016 18:28
 Operator : UM/SJ
 Sample : PB90736BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BL

Quant Time: May 21 00:24:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127536	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	549942	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	286150	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	532728	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	418332	20.00	ng	-0.01
86) Perylene-d12	15.04	264	299620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	884301	116.54	ng	0.01
7) Phenol-d6	6.23	99	1304125	128.15	ng	0.00
23) Nitrobenzene-d5	7.13	82	768794	69.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	293464	92.81	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1450946	83.98	ng	0.00
78) Terphenyl-d14	12.65	244	1350684	73.04	ng	0.00

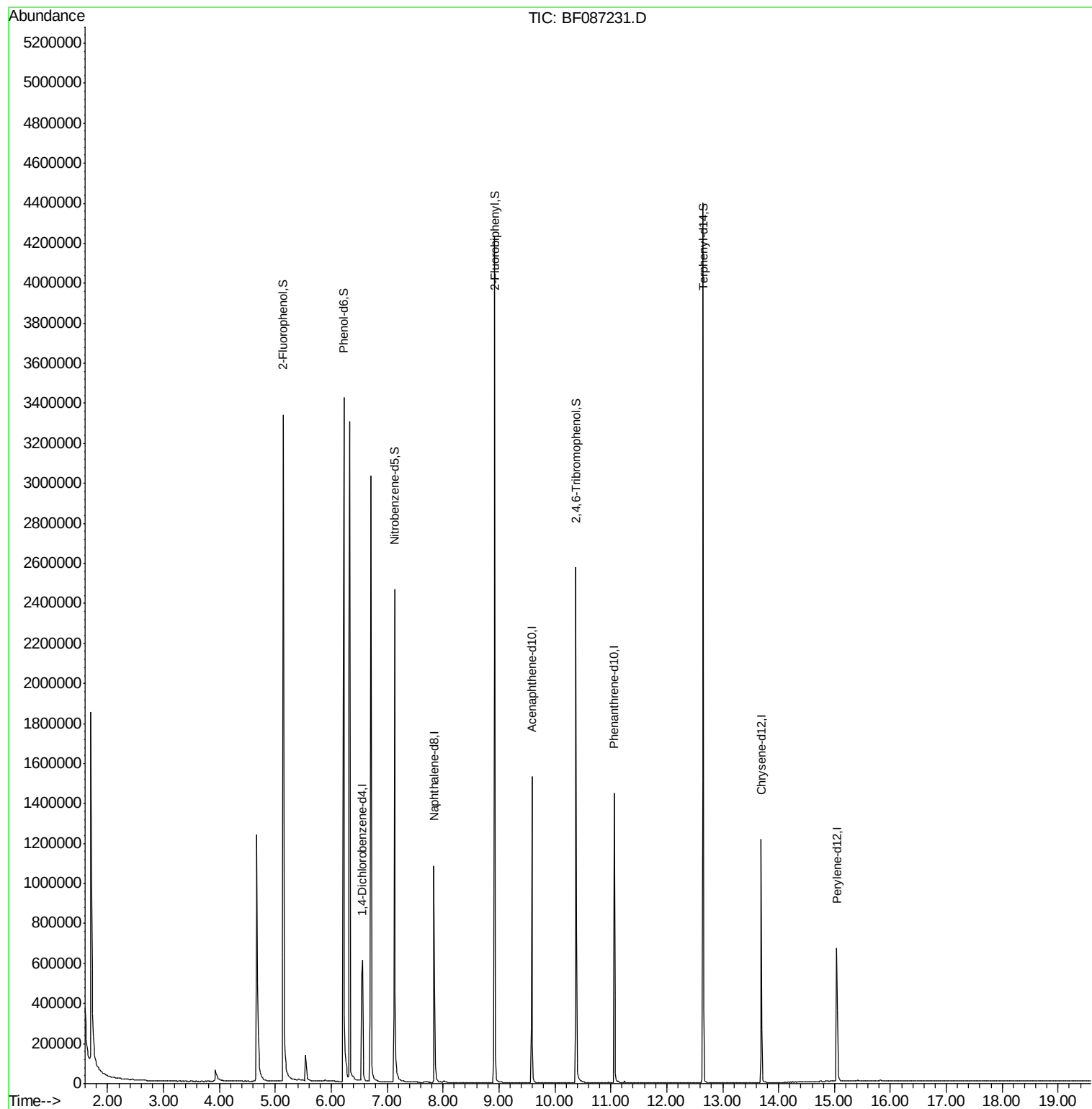
Target Compounds Qvalue

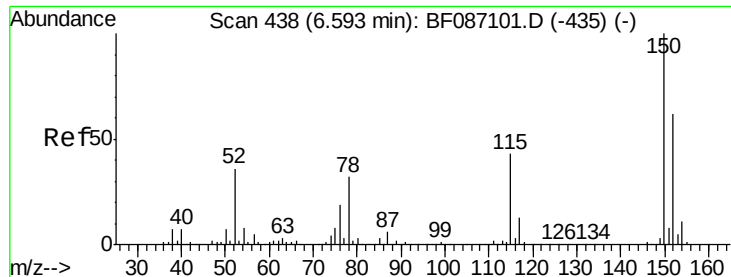
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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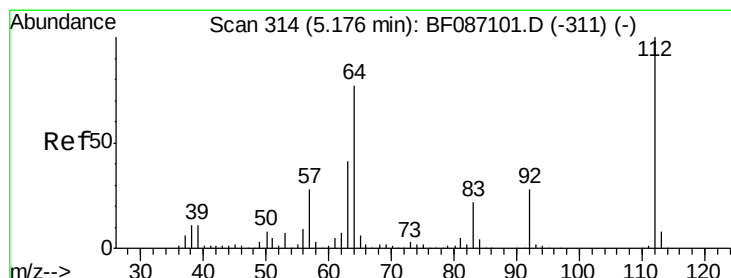
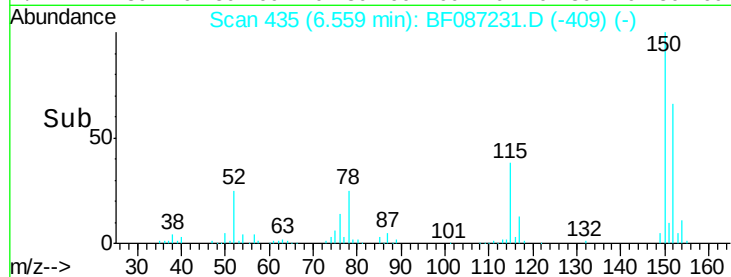
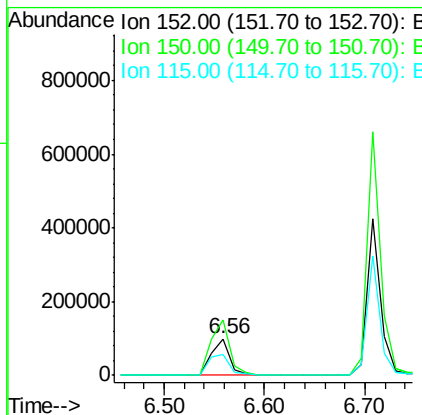
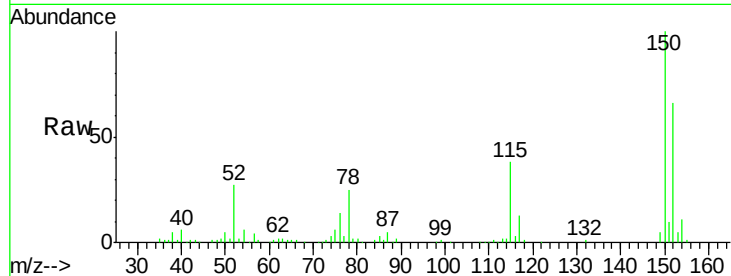


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087231.D
Acq: 20 May 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB90736BL

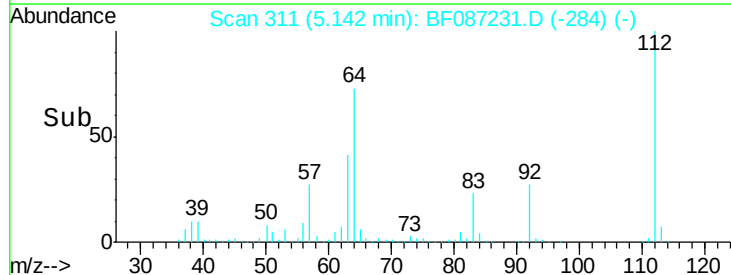
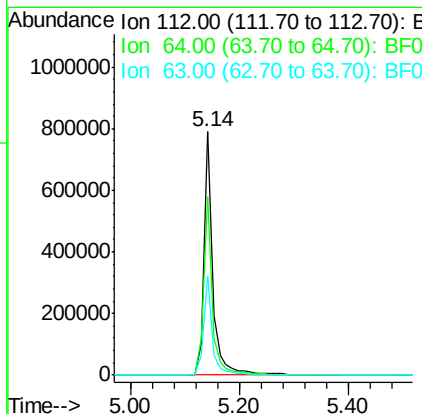
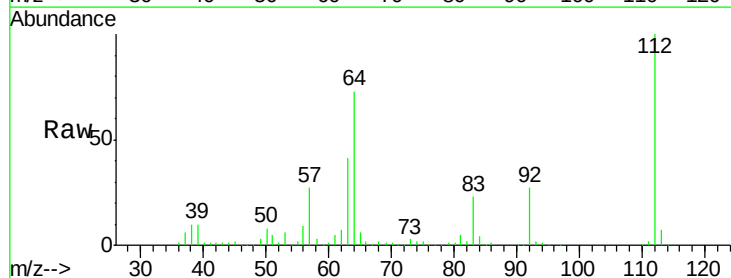
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	125.8	188.6
115	57.6	51.5	77.3

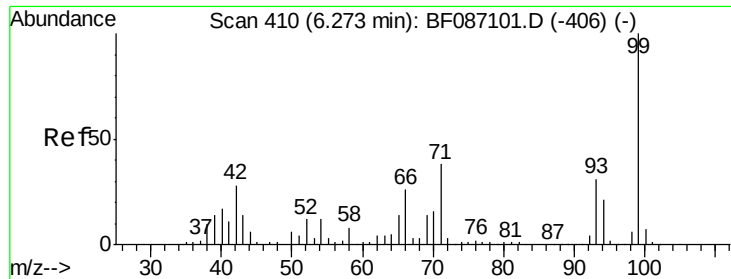


#5

2-Fluorophenol
Concen: 116.54 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087231.D
Acq: 20 May 2016 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	52.1	78.1
63	40.6	25.7	38.5





#7

Phenol-d6

Concen: 128.15 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087231.D

Acq: 20 May 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB90736BL

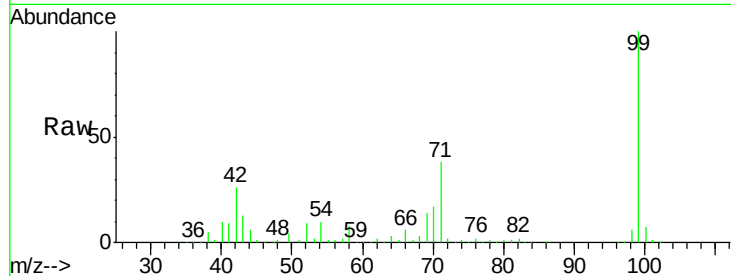
Tot Ion: 99 Resp: 1304125

Ion Ratio Lower Upper

99 100

42 26.0 13.6 20.4#

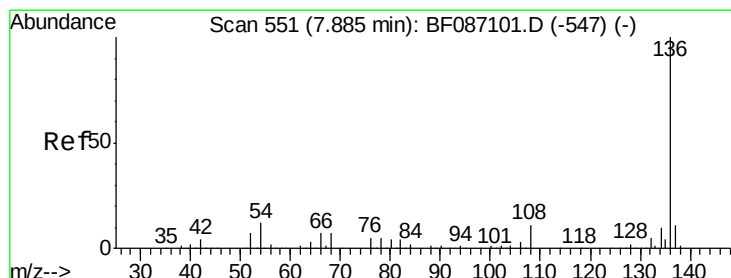
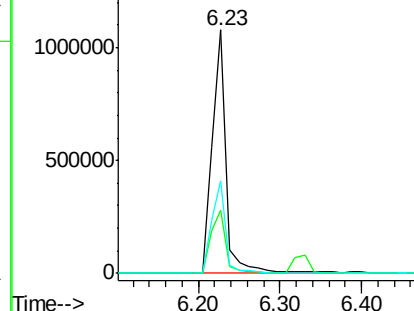
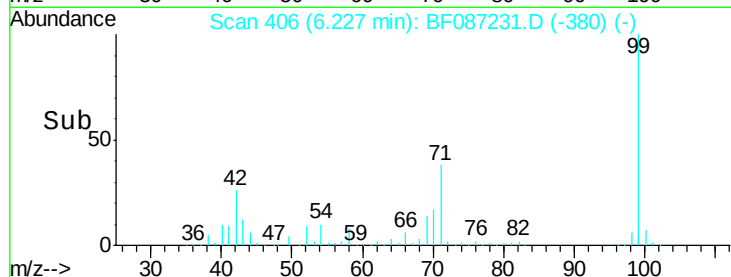
71 37.9 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087231.D

Acq: 20 May 2016 18:28

Tgt Ion: 136 Resp: 549942

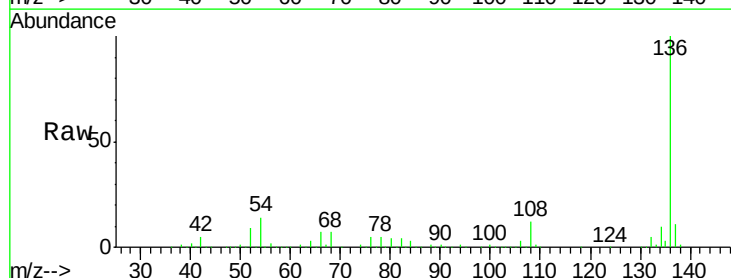
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 13.9 5.0 7.4#

68 7.2 4.4 6.6#

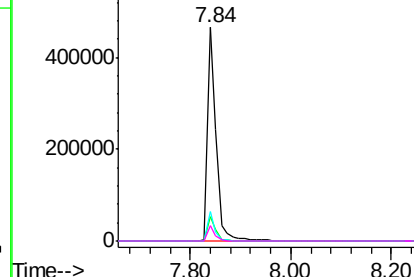
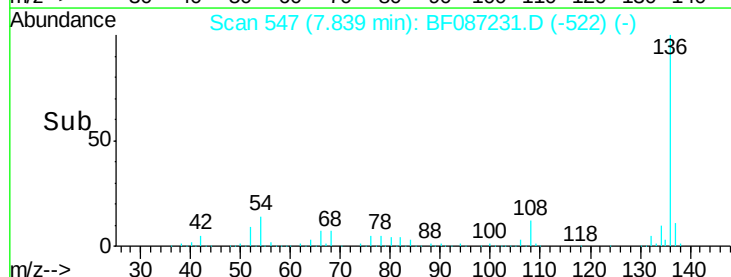


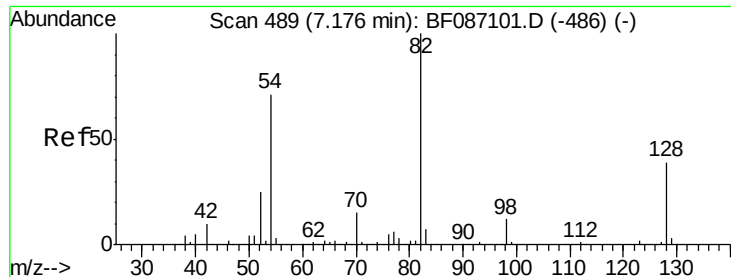
Abundance Ion 136.00 (135.70 to 136.70): E

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

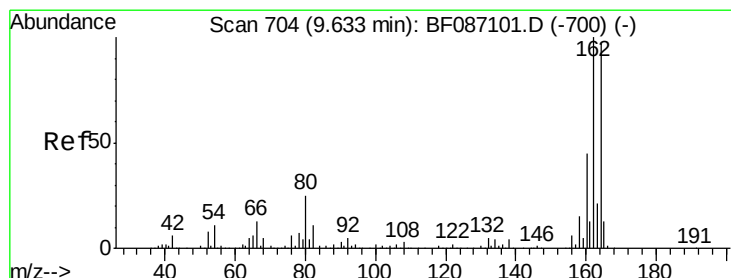
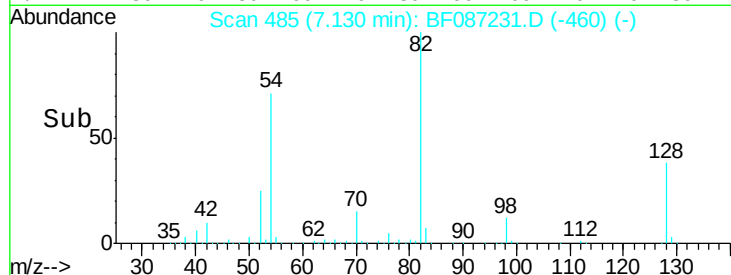
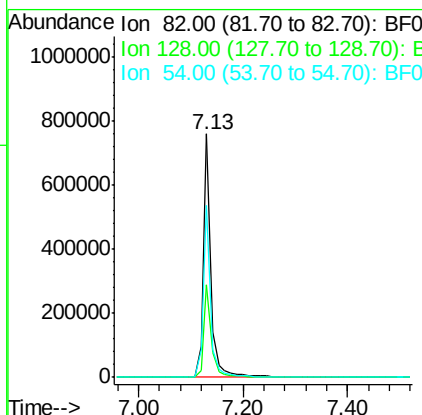
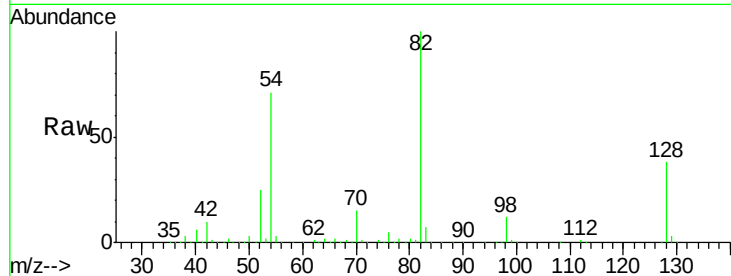




#23
 Nitrobenzene-d5
 Concen: 69.67 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087231.D
 Acq: 20 May 2016 18:28

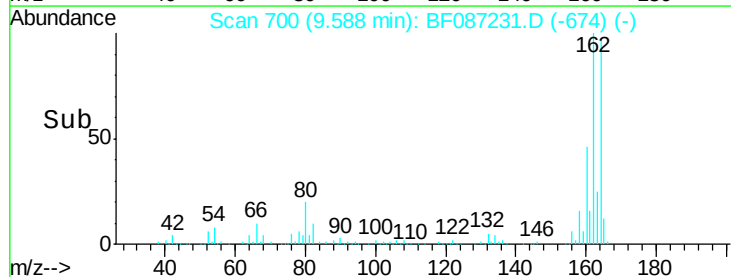
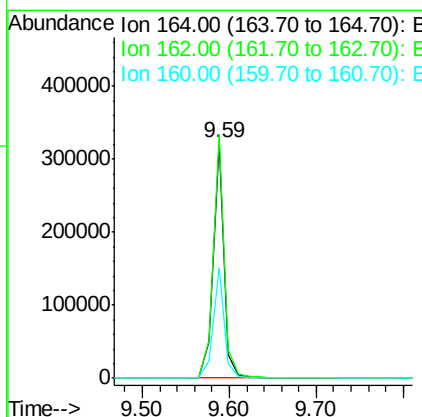
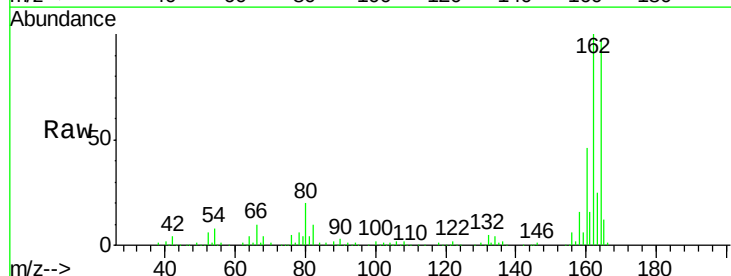
Instrument :
 BNA_F
 ClientSampleID :
 PB90736BL

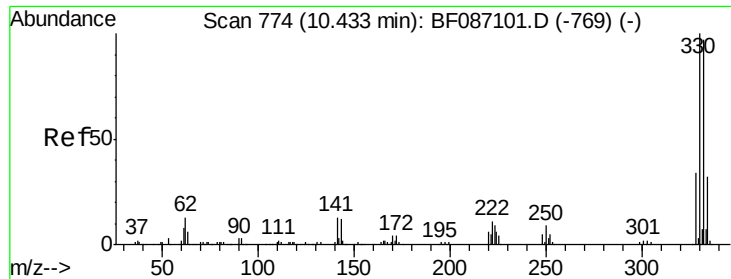
Tot Ion	82	Resp	768794
Ion Ratio	Lower	Upper	
82	100		
128	38.0	40.6	61.0#
54	70.8	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF087231.D
 Acq: 20 May 2016 18:28

Tgt Ion	164	Resp	286150
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.8	124.2
160	47.2	36.9	55.3

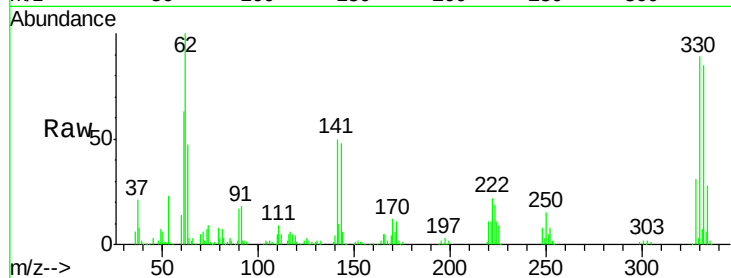




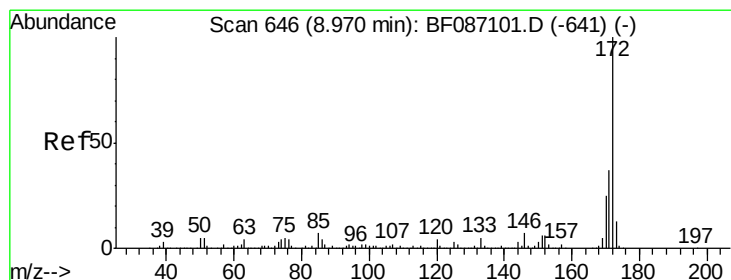
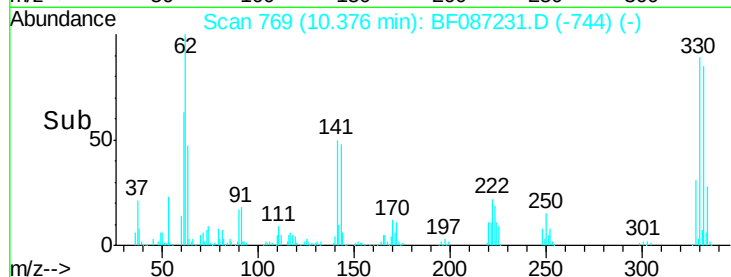
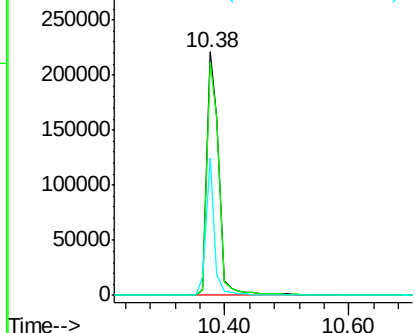
#41
 2,4,6-Tribromophenol
 Concen: 92.81 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087231.D
 Acq: 20 May 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	40.6	31.2	46.8

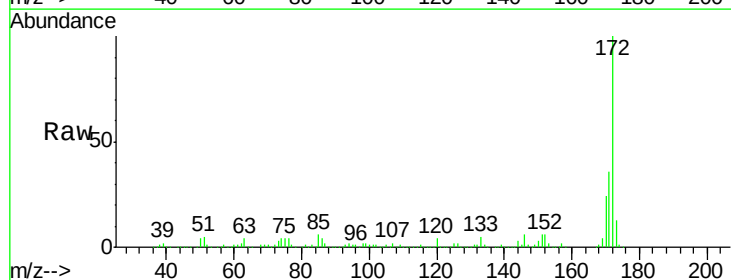


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

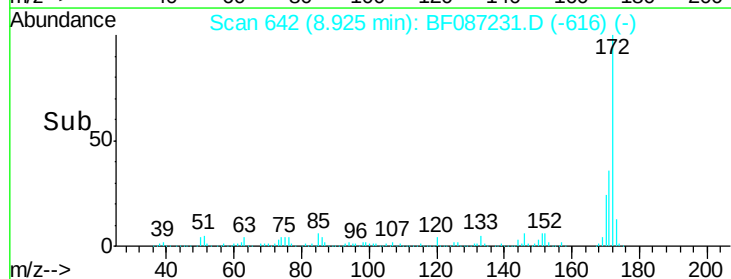
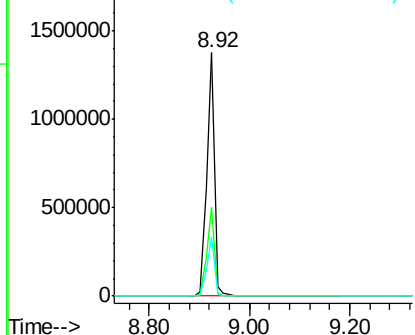


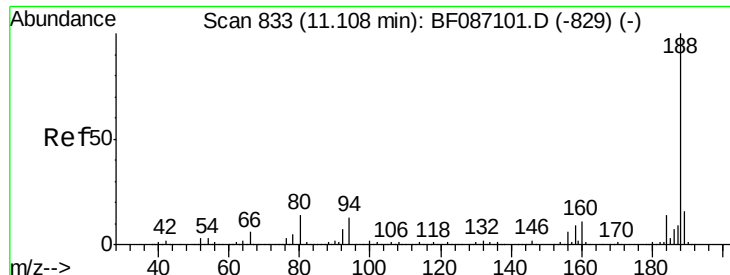
#44
 2-Fluorobiphenyl
 Concen: 83.98 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087231.D
 Acq: 20 May 2016 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	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

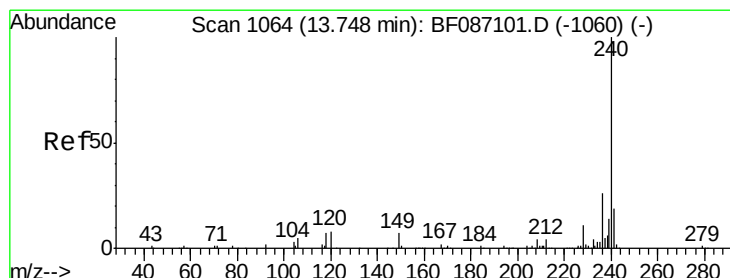
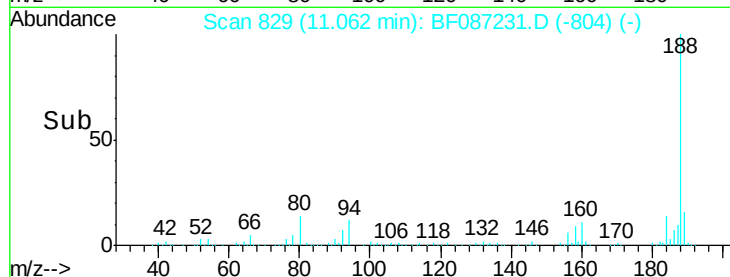
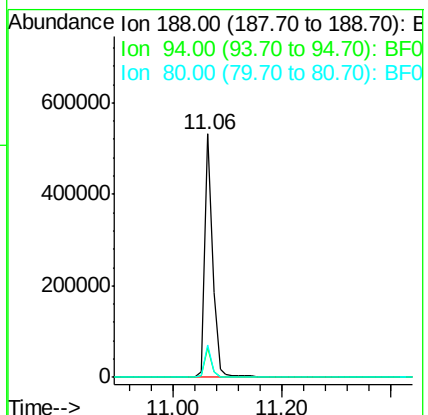
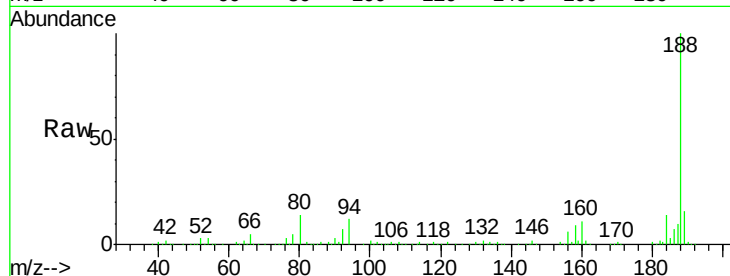




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087231.D
Acq: 20 May 2016 18:28

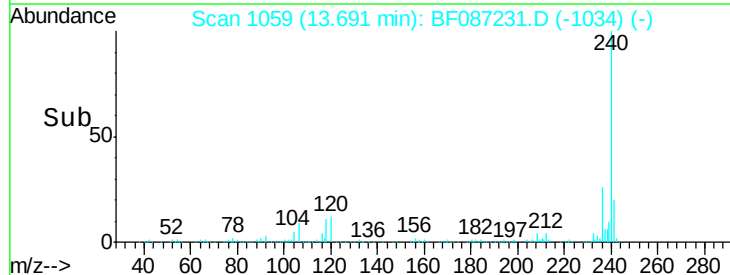
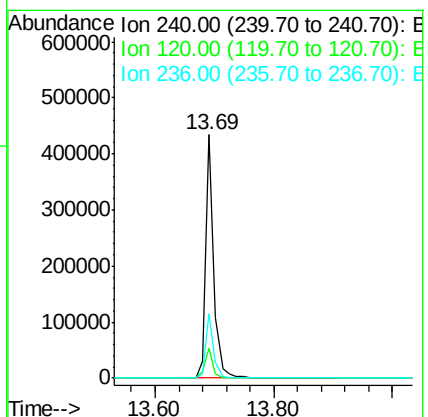
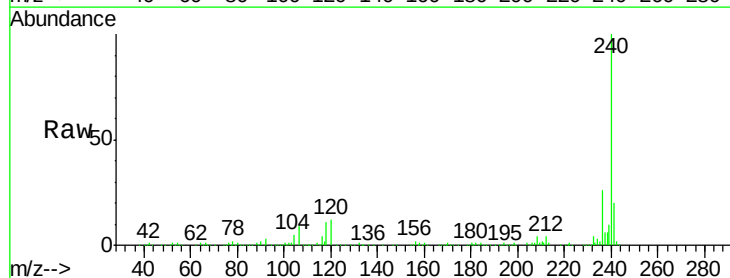
Instrument :
BNA_F
ClientSampleId :
PB90736BL

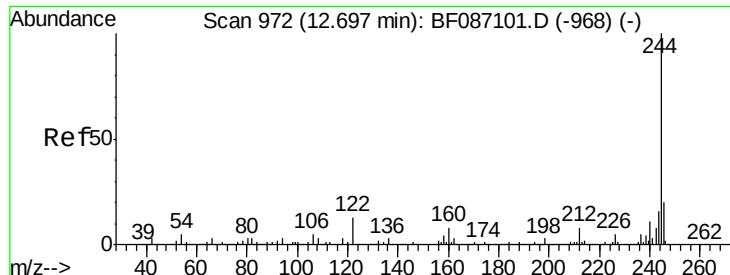
Tot Ion:188 Resp: 532728
Ion Ratio Lower Upper
188 100
94 12.1 6.8 10.2#
80 13.5 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087231.D
Acq: 20 May 2016 18:28

Tgt Ion:240 Resp: 418332
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 73.04 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087231.D

Acq: 20 May 2016 18:28

Instrument :

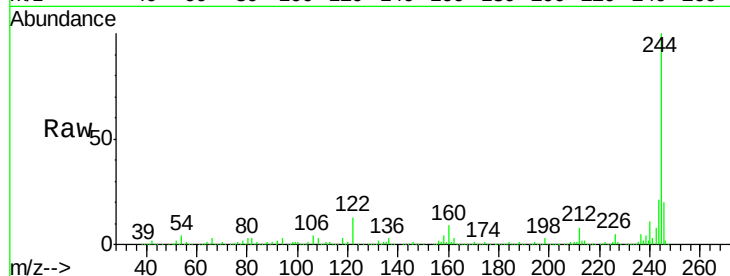
BNA_F

ClientSampleId :

PB90736BL

Tot Ion:244 Resp: 1350684

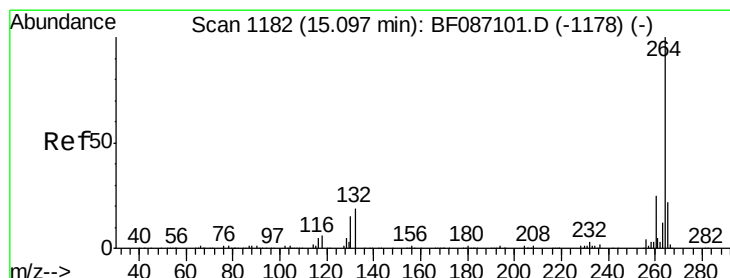
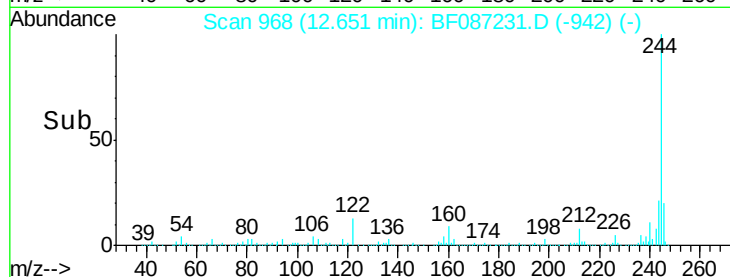
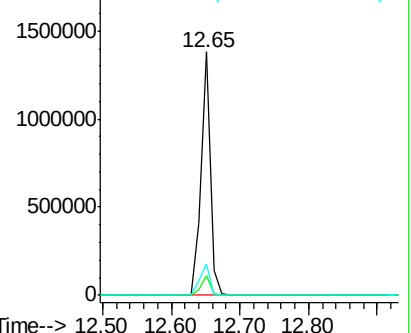
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.7	12.0	18.0



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: 15.04 min Scan# 1177

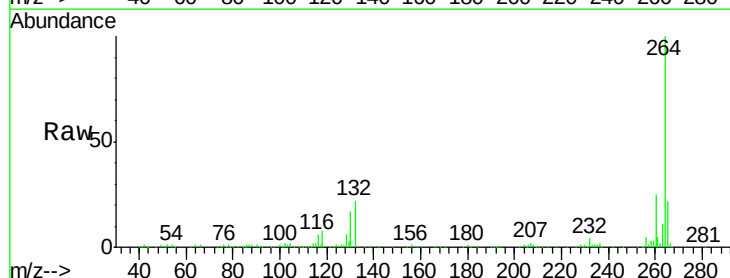
Delta R.T. 0.00 min

Lab File: BF087231.D

Acq: 20 May 2016 18:28

Tgt Ion:264 Resp: 299620

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	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

