

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087119.D
 Acq On : 17 May 2016 23:25
 Operator : UM/SJ
 Sample : PB90651TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Quant Time: May 18 03:24:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	135068	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	558804	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	275030	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	575040	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	466533	20.00	ng	-0.02
86) Perylene-d12	15.09	264	372012	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	602946	75.03	ng	-0.01
7) Phenol-d6	6.25	99	750250	69.61	ng	-0.03
23) Nitrobenzene-d5	7.16	82	754575	67.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	213137	70.13	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1202014	72.38	ng	-0.02
78) Terphenyl-d14	12.70	244	1394725	67.63	ng	-0.01

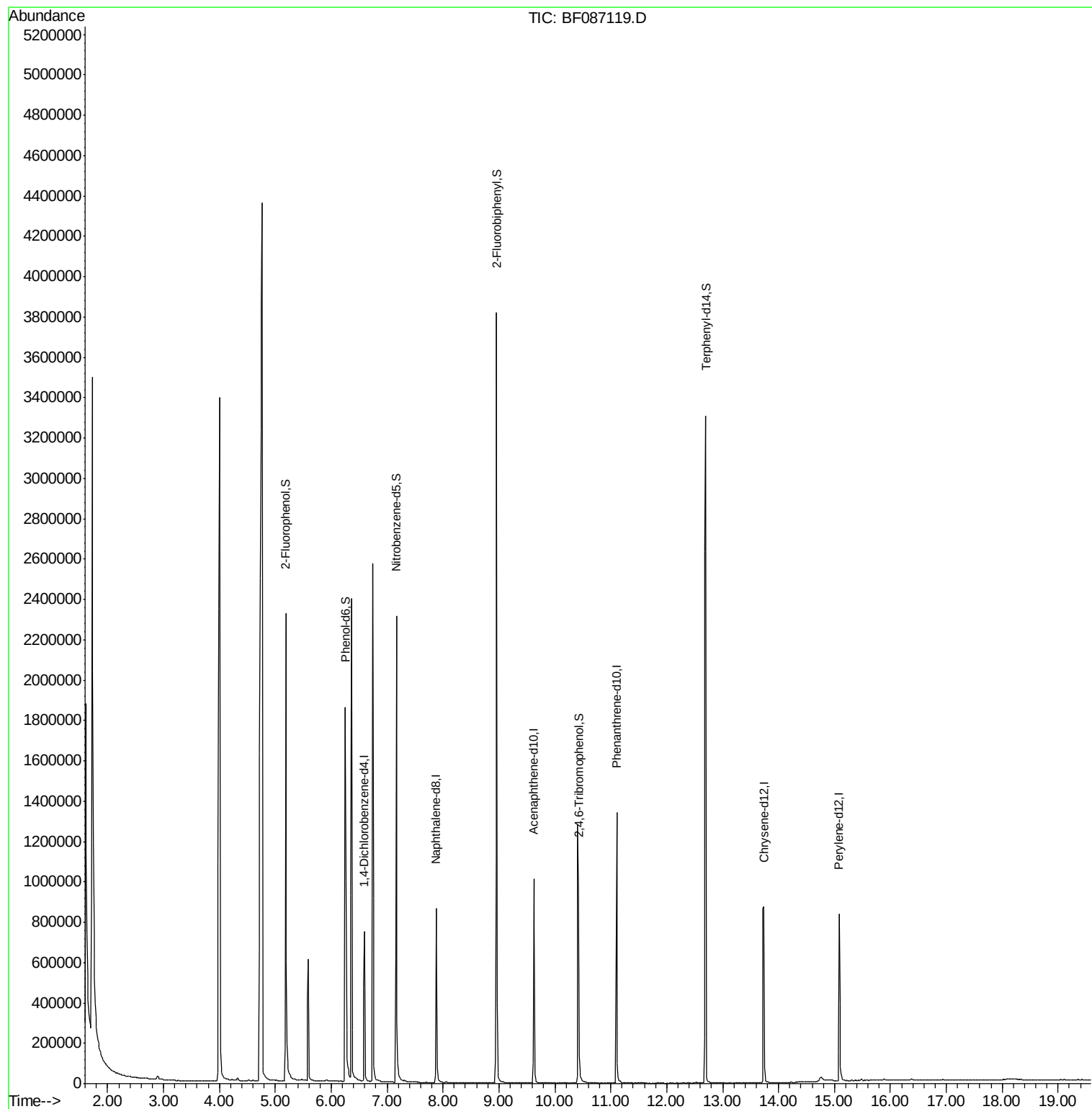
Target Compounds Qvalue

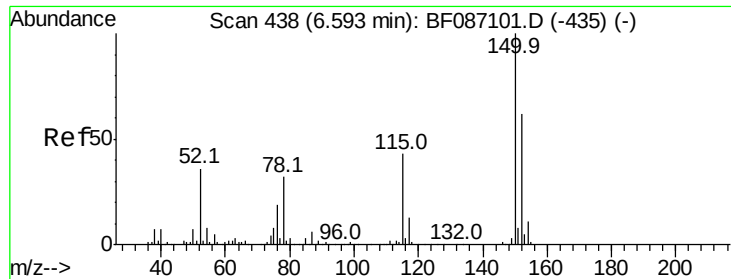
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

ClientSampleId :

PB90651TB

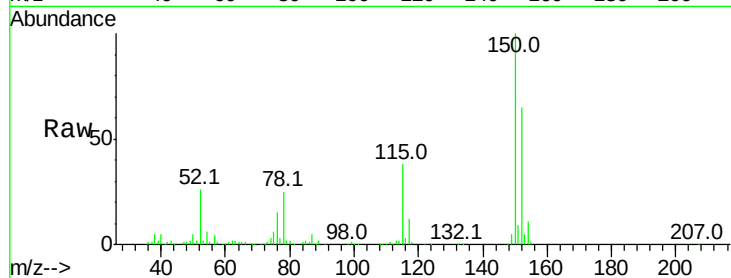
Tot Ion:152 Resp: 135068

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

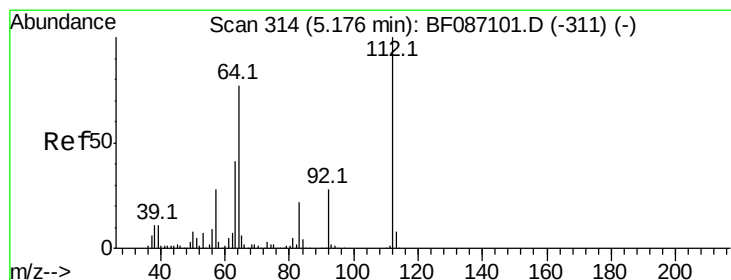
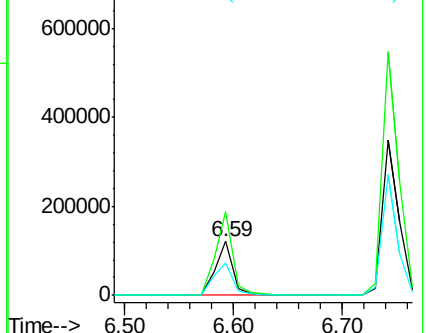
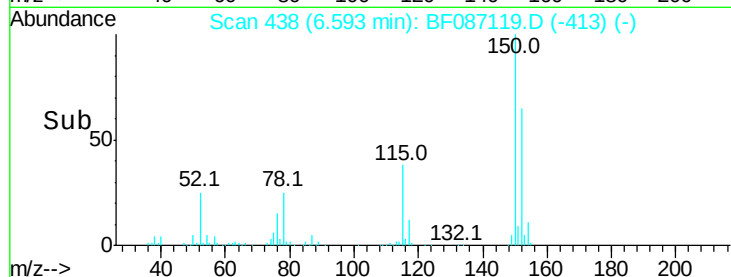
115 59.4 51.5 77.3



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: 75.03 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

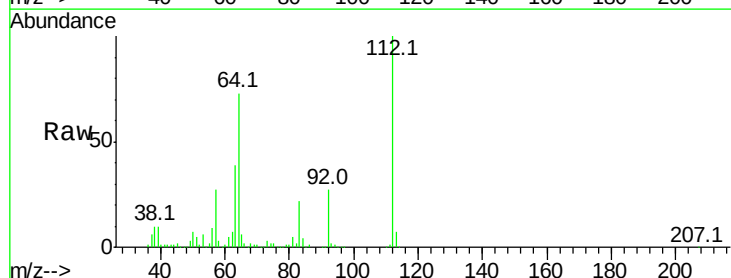
Tgt Ion:112 Resp: 602946

Ion Ratio Lower Upper

112 100

64 73.1 52.1 78.1

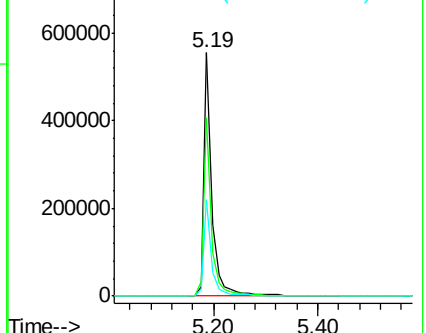
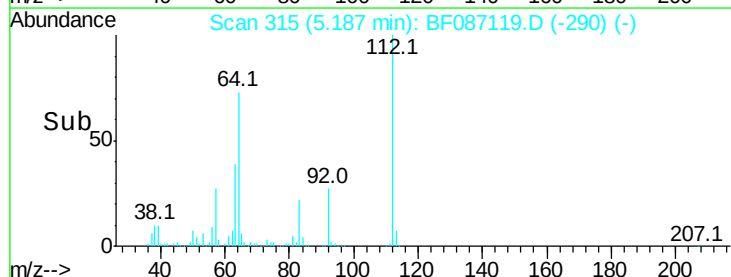
63 39.4 25.7 38.5#

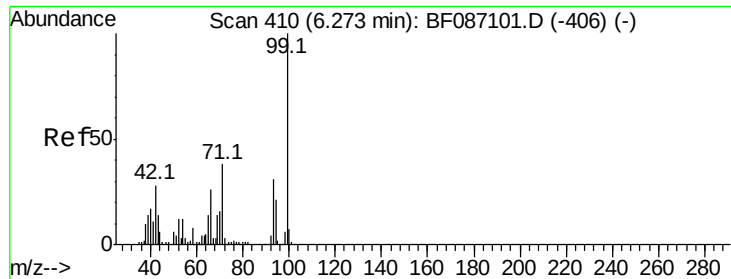


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.61 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

ClientSampleId :

PB90651TB

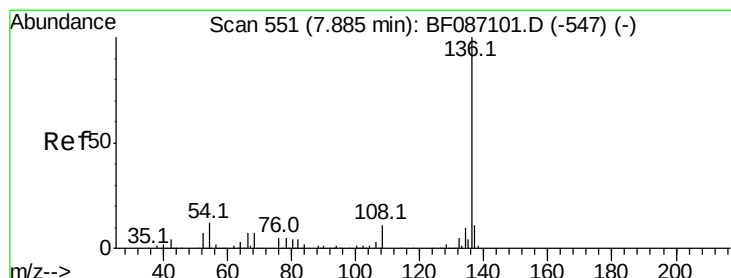
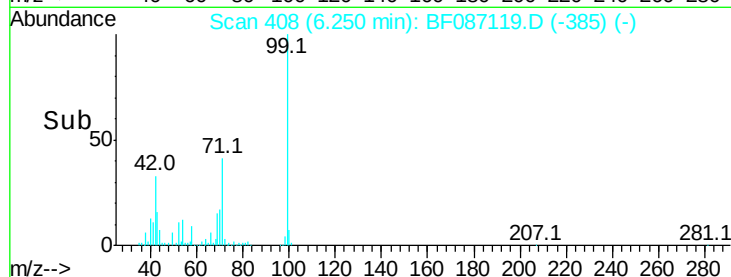
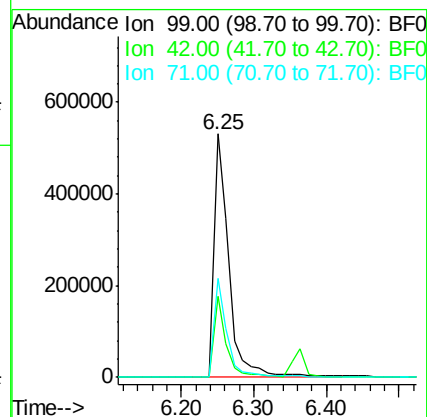
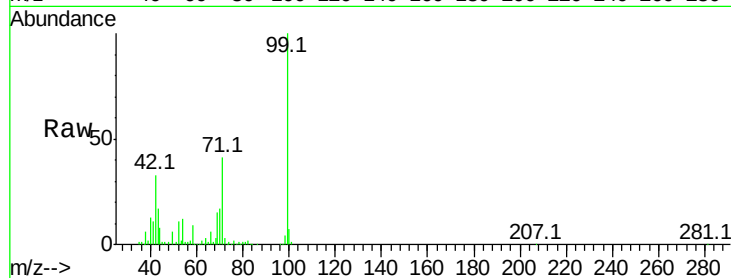
Tot Ion: 99 Resp: 750250

Ion Ratio Lower Upper

99 100

42 33.2 13.6 20.4#

71 40.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Tgt Ion: 136 Resp: 558804

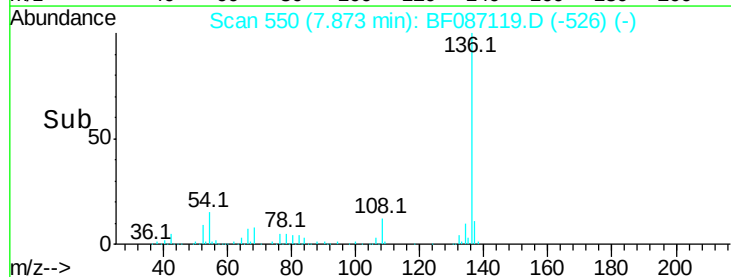
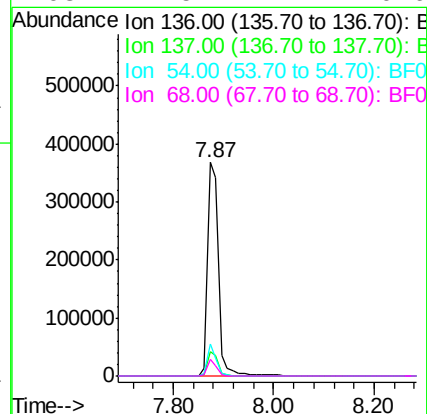
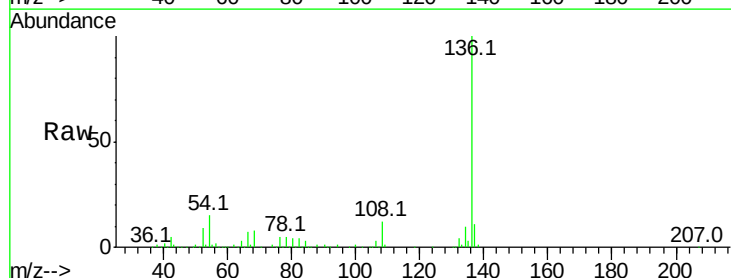
Ion Ratio Lower Upper

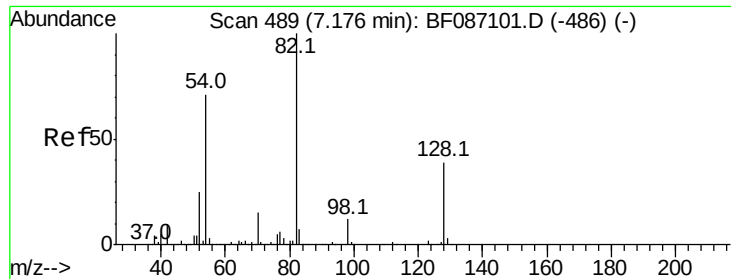
136 100

137 11.5 8.8 13.2

54 14.7 5.0 7.4#

68 7.5 4.4 6.6#

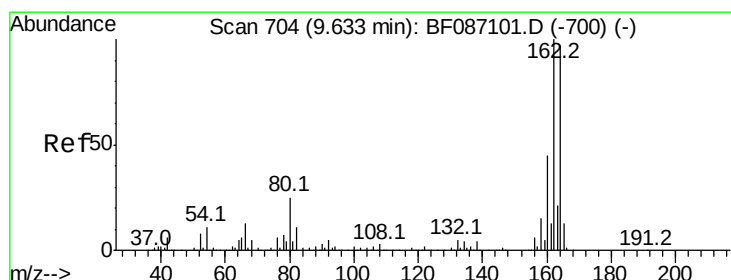
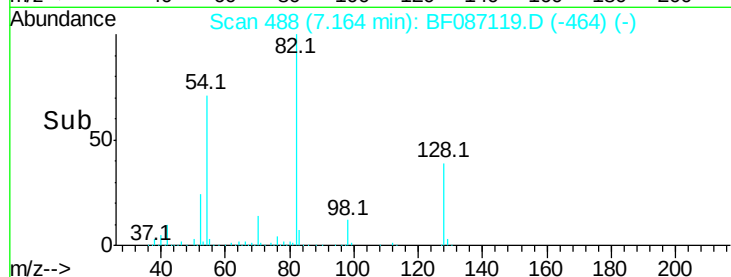
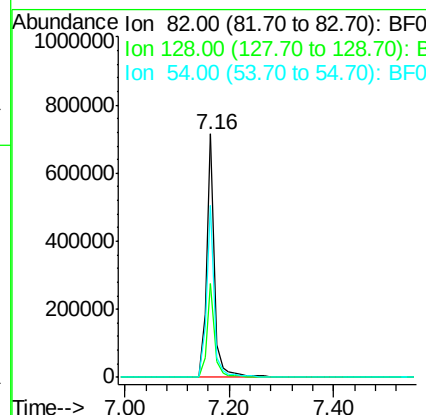
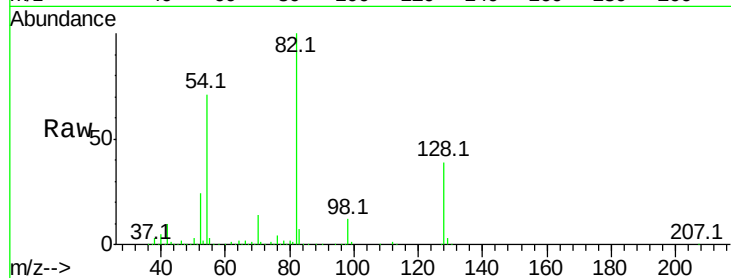




#23
 Nitrobenzene-d5
 Concen: 67.30 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087119.D
 Acq: 17 May 2016 23:25

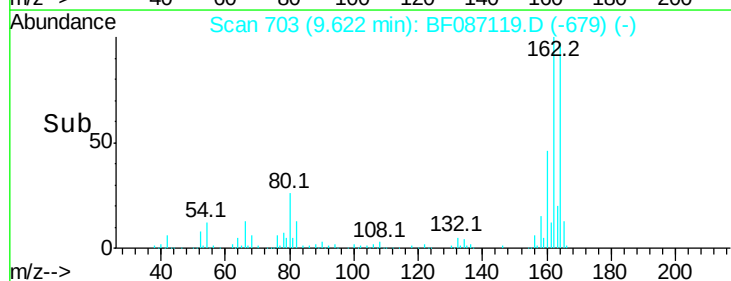
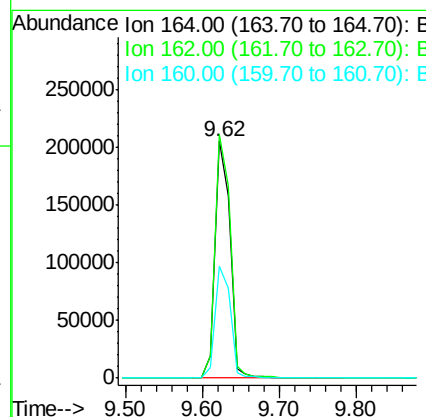
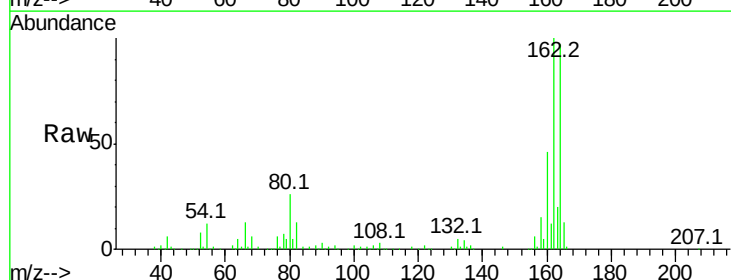
Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

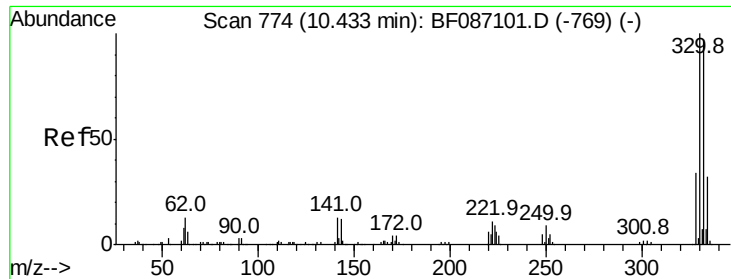
Tot Ion: 82 Resp: 754575
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 70.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF087119.D
 Acq: 17 May 2016 23:25

Tgt Ion: 164 Resp: 275030
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 47.2 36.9 55.3

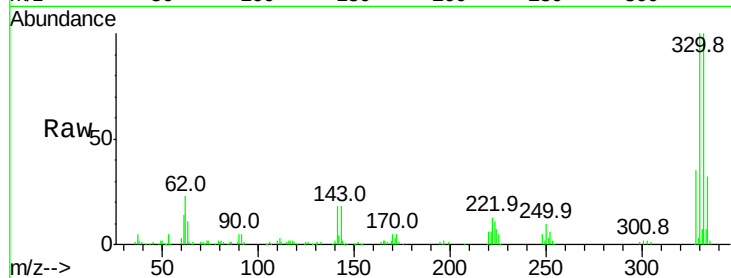




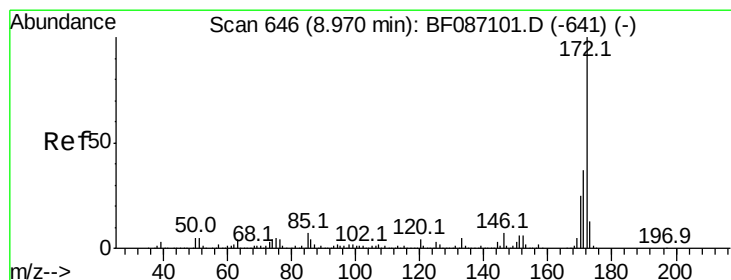
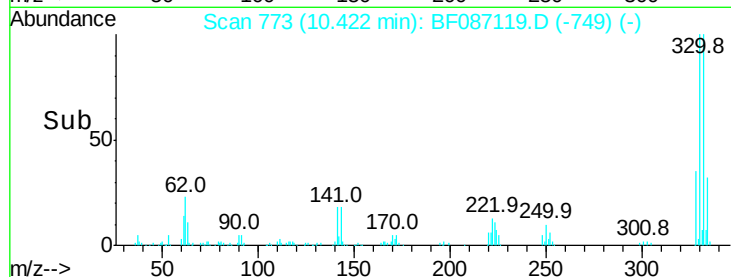
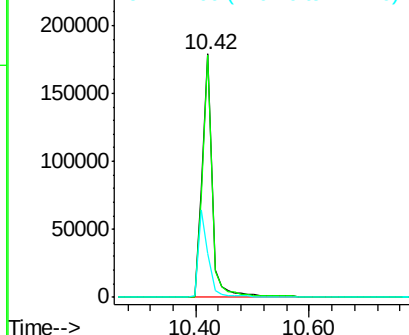
#41
 2,4,6-Tribromophenol
 Concen: 70.13 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087119.D
 Acq: 17 May 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	36.6	31.2	46.8

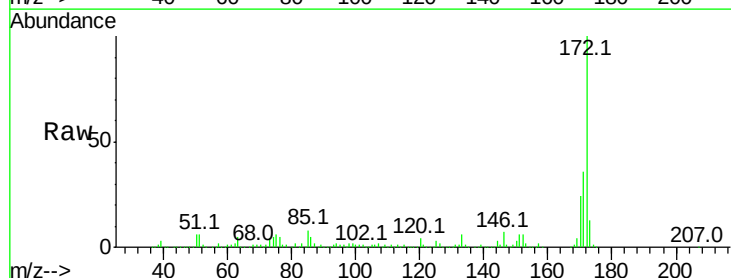


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

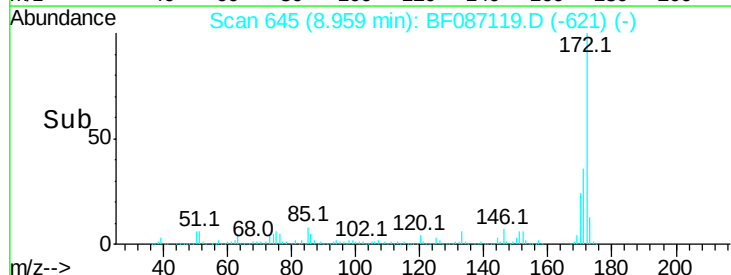
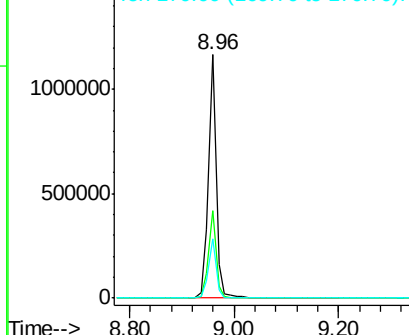


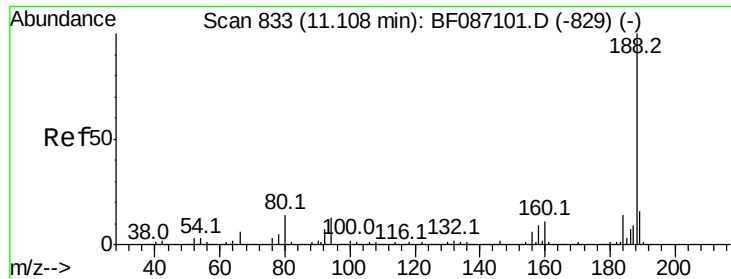
#44
 2-Fluorobiphenyl
 Concen: 72.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087119.D
 Acq: 17 May 2016 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	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

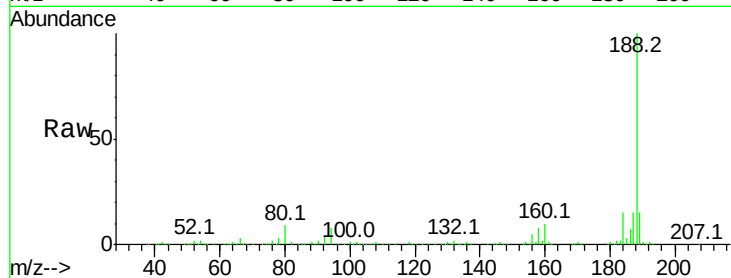




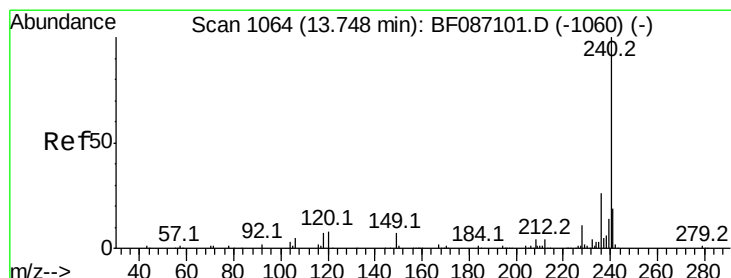
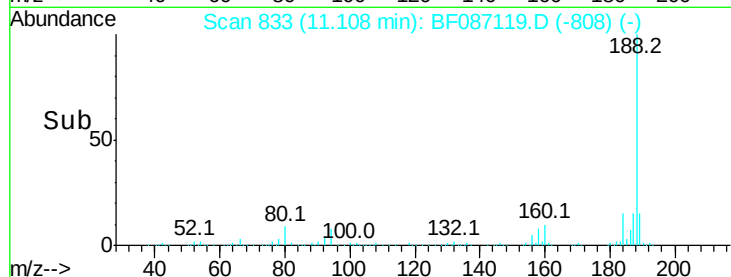
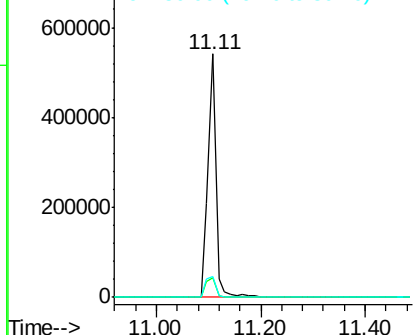
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tot Ion:188 Resp: 575040
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.5 7.1 10.7

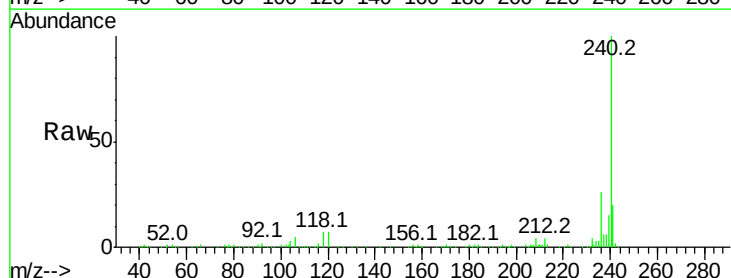


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

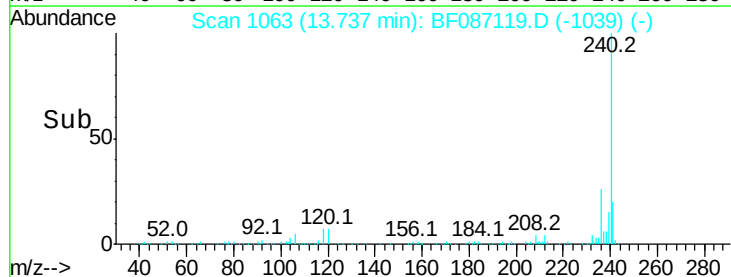
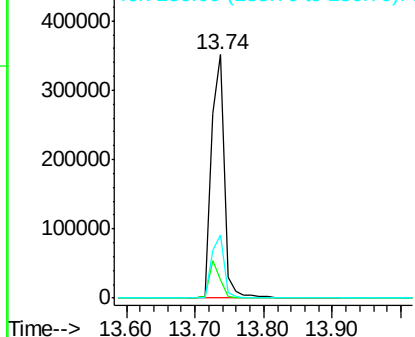


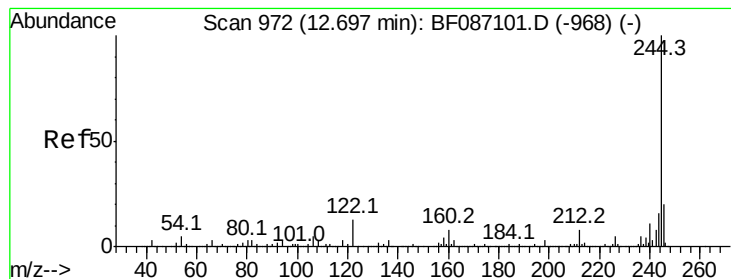
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Tgt Ion:240 Resp: 466533
Ion Ratio Lower Upper
240 100
120 7.5 11.2 16.8#
236 25.7 21.2 31.8



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: 67.63 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

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PB90651TB

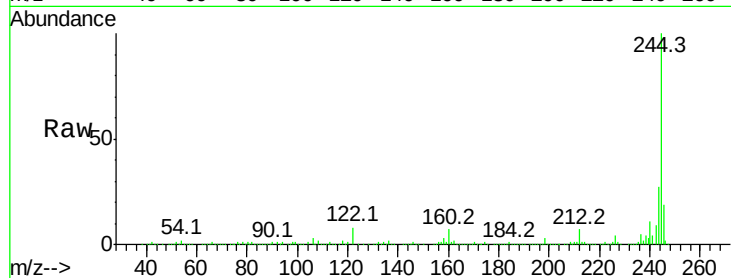
Tot Ion:244 Resp: 1394725

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

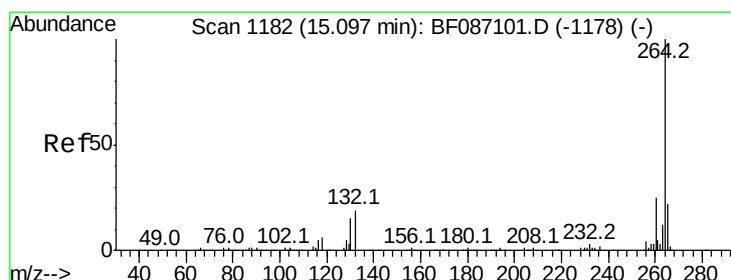
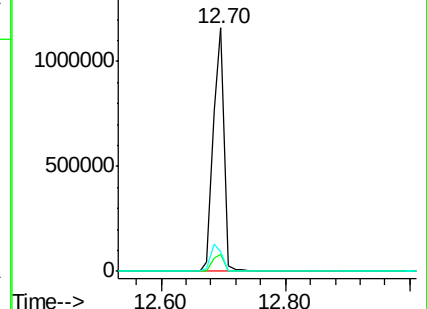
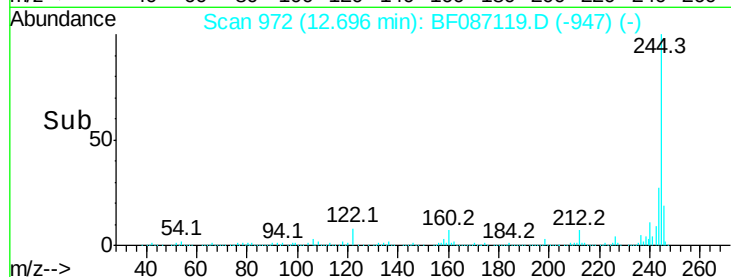
122 7.9 12.0 18.0#



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: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

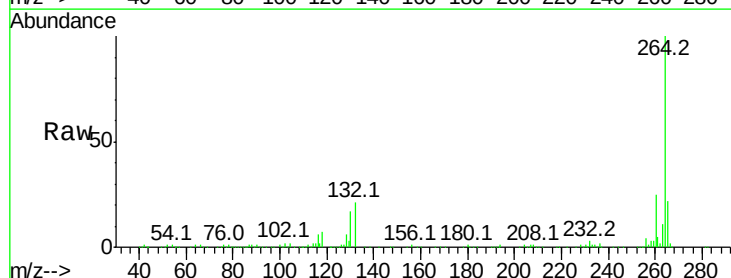
Tgt Ion:264 Resp: 372012

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.9 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

