

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087115.D
 Acq On : 17 May 2016 21:29
 Operator : UM/SJ
 Sample : PB90651BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BL

Quant Time: May 18 02:30:03 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	142434	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	588526	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	281034	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	626046	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	514531	20.00	ng	-0.02
86) Perylene-d12	15.09	264	407451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	935496	110.40	ng	-0.01
7) Phenol-d6	6.26	99	1357512	119.44	ng	-0.02
23) Nitrobenzene-d5	7.16	82	832349	70.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	403463	129.92	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1338278	78.87	ng	-0.02
78) Terphenyl-d14	12.70	244	1647372	72.43	ng	-0.01

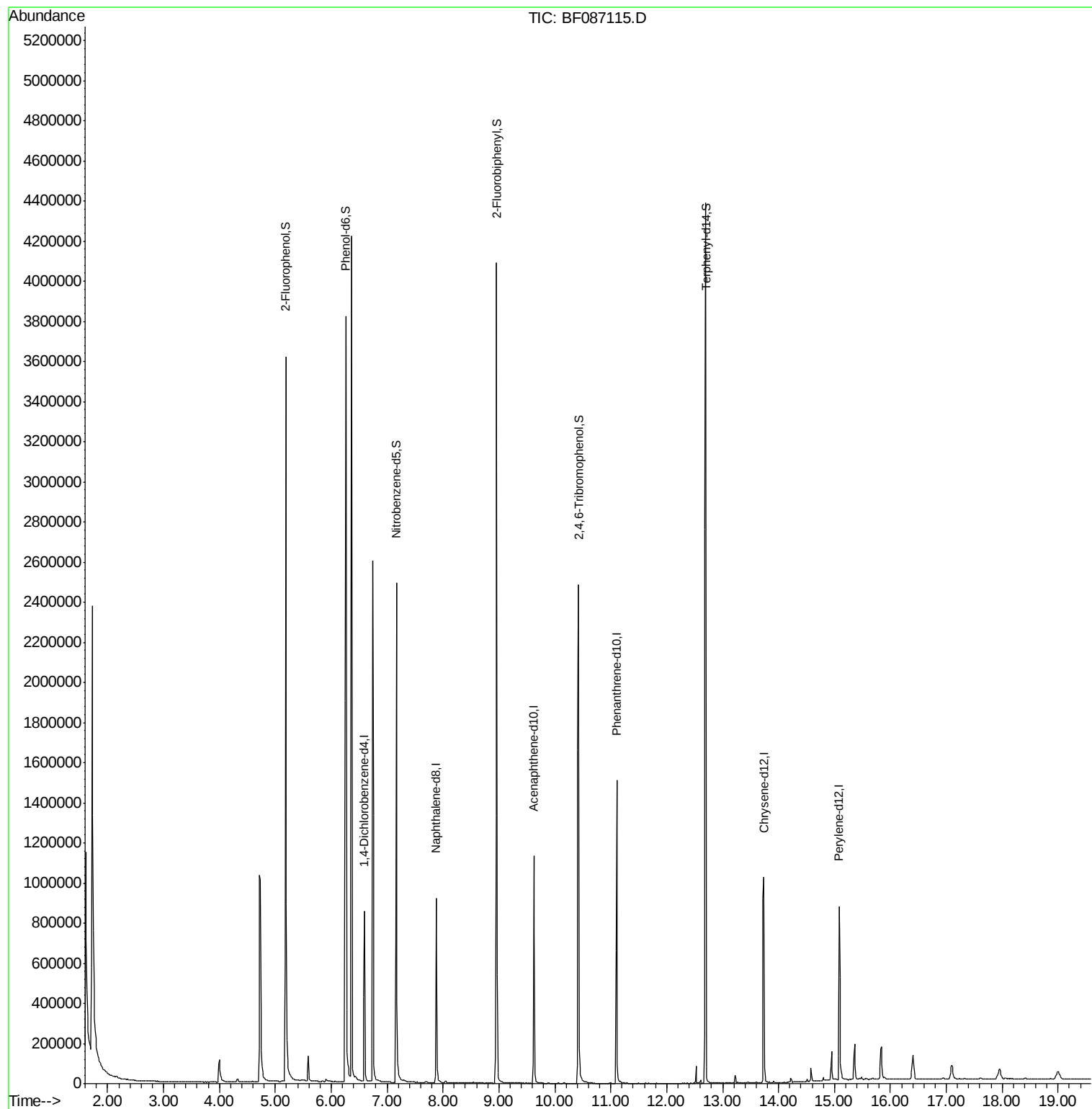
Target Compounds Qvalue

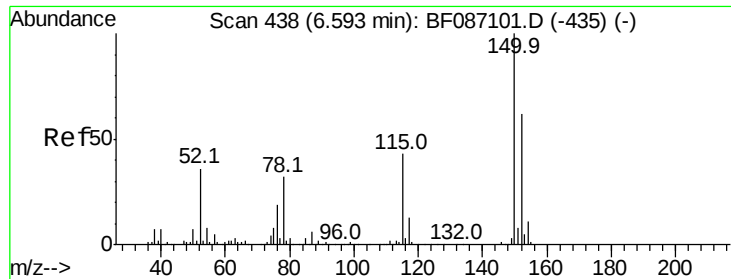
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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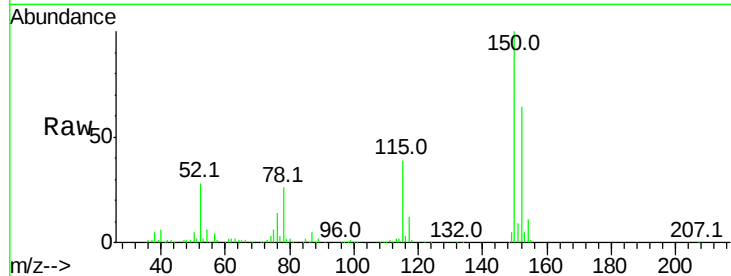


#1

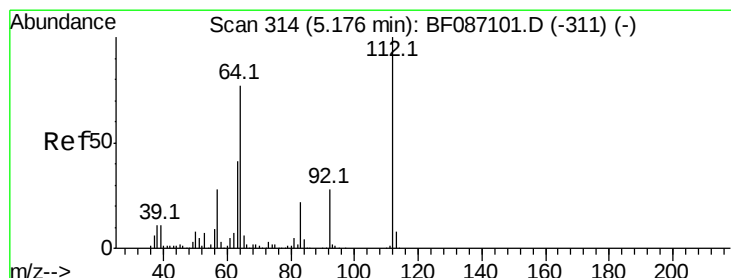
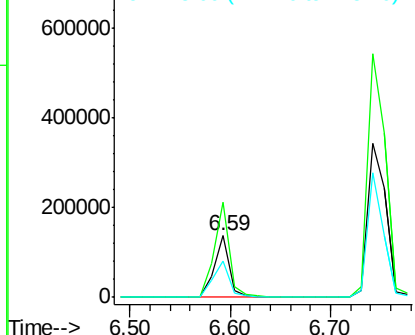
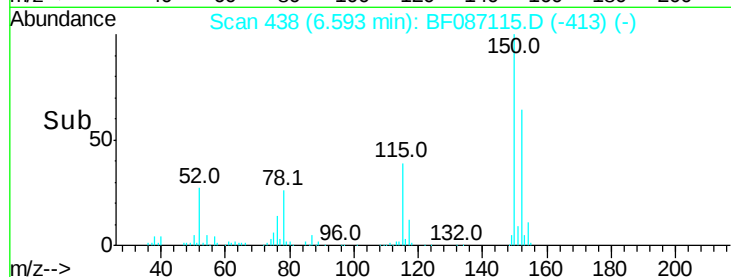
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

Instrument :
BNA_F
ClientSampleId :
PB90651BL

Tot Ion:152 Resp: 142434
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 60.1 51.5 77.3



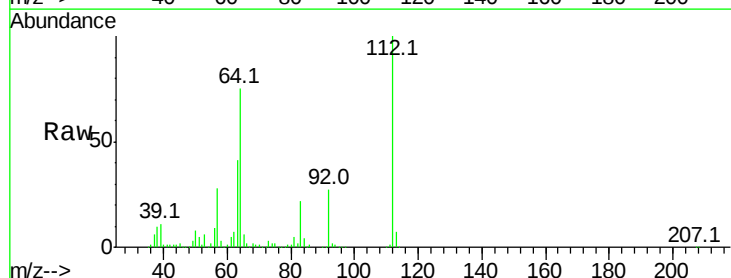
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



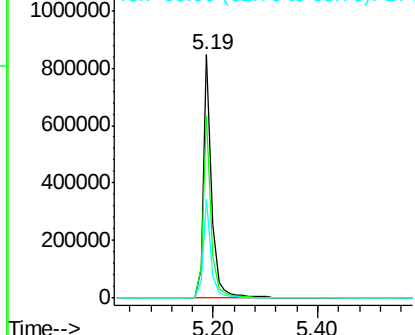
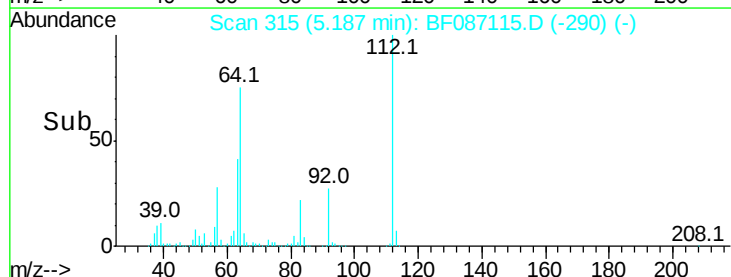
#5

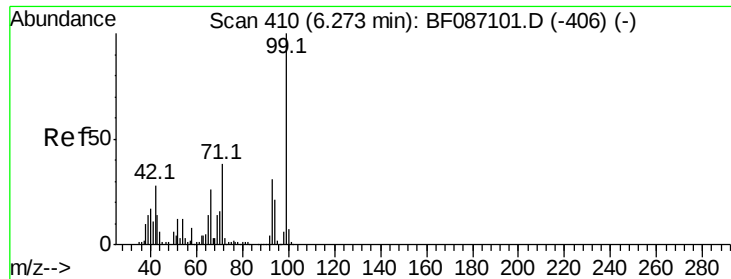
2-Fluorophenol
Concen: 110.40 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

Tgt Ion:112 Resp: 935496
Ion Ratio Lower Upper
112 100
64 75.0 52.1 78.1
63 40.7 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: 119.44 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

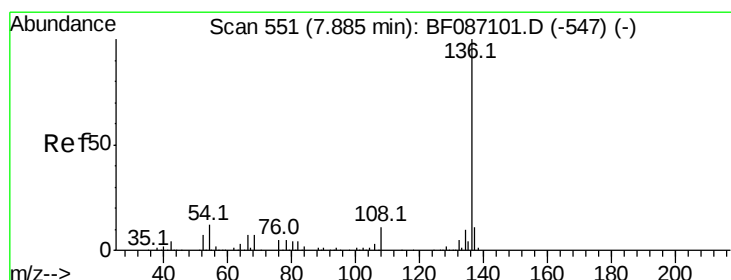
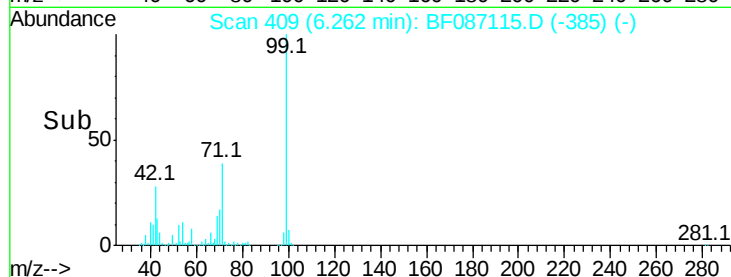
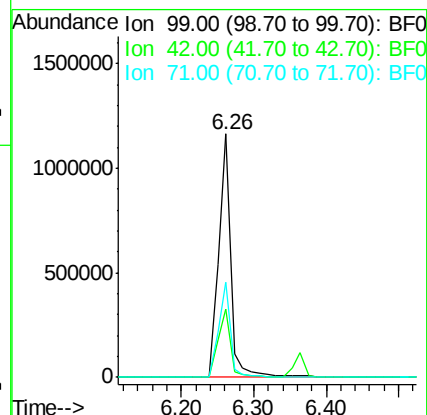
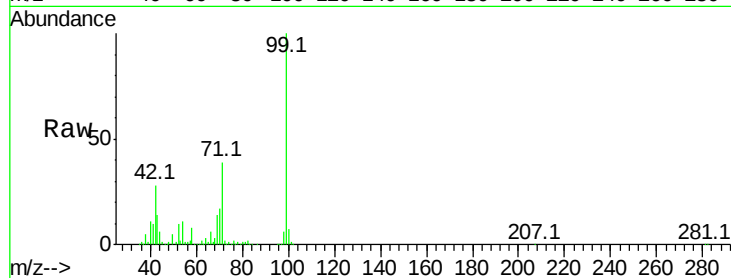
Tot Ion: 99 Resp: 1357512

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

71 38.9 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: BF087115.D

Acq: 17 May 2016 21:29

Tgt Ion: 136 Resp: 588526

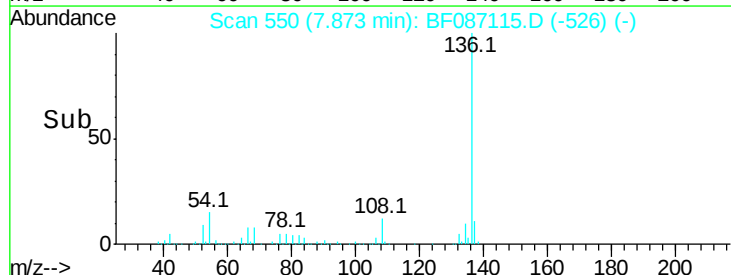
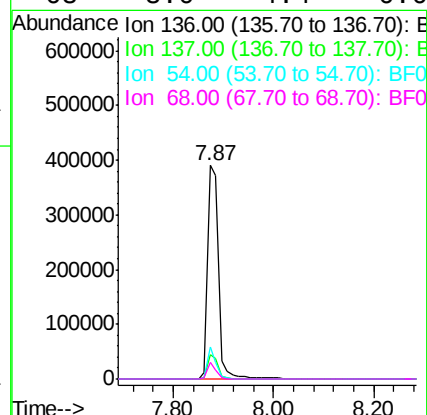
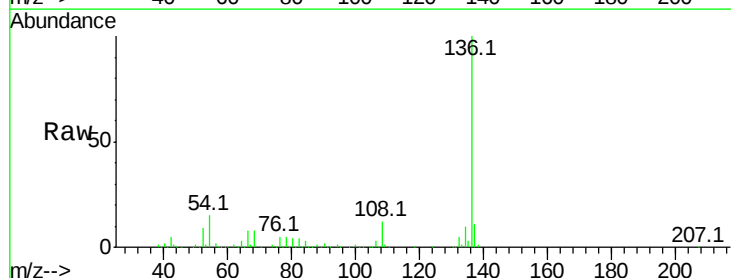
Ion Ratio Lower Upper

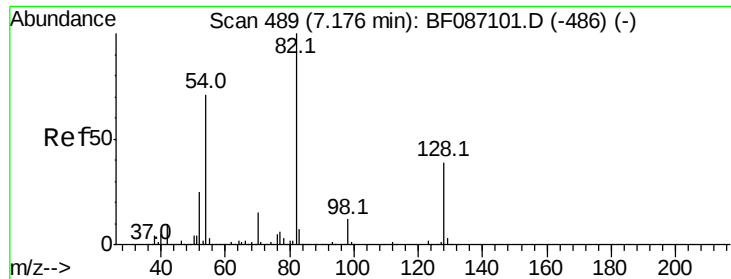
136 100

137 11.4 8.8 13.2

54 15.0 5.0 7.4#

68 8.0 4.4 6.6#

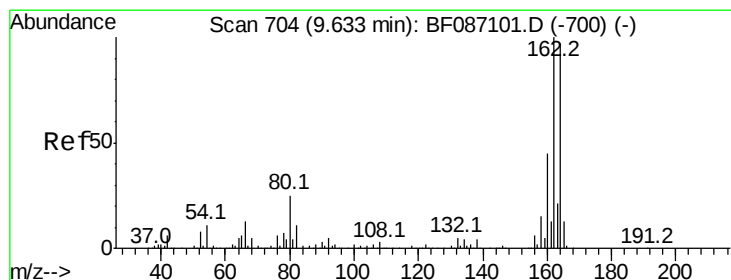
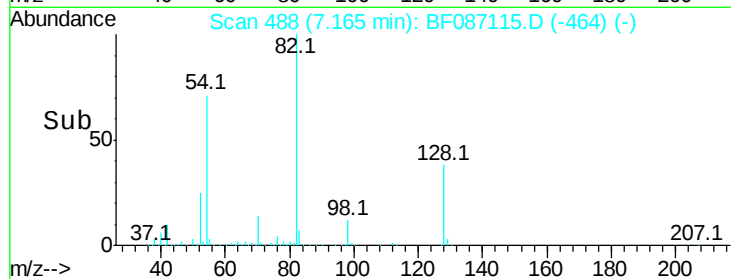
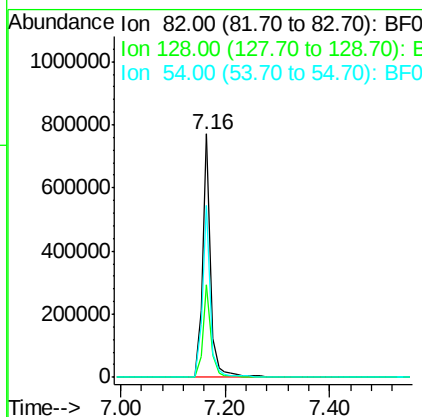
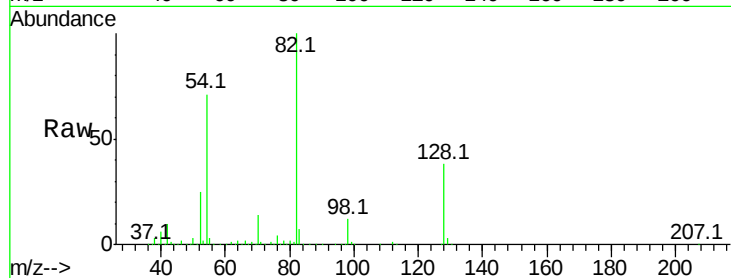




#23
Nitrobenzene-d5
Concen: 70.49 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

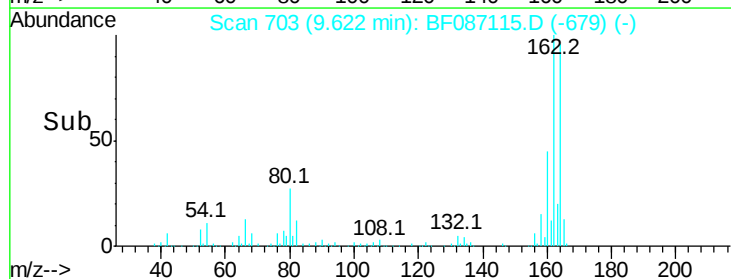
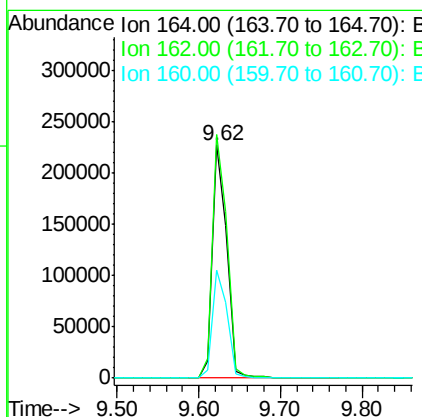
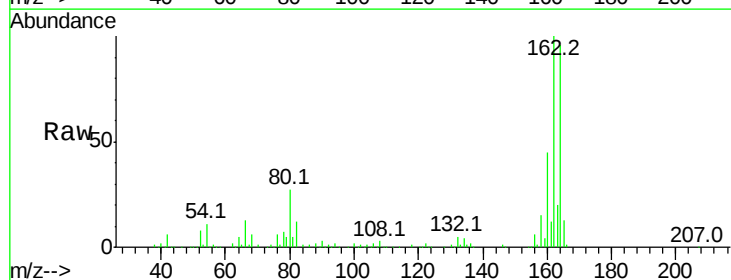
Instrument :
BNA_F
ClientSampleId :
PB90651BL

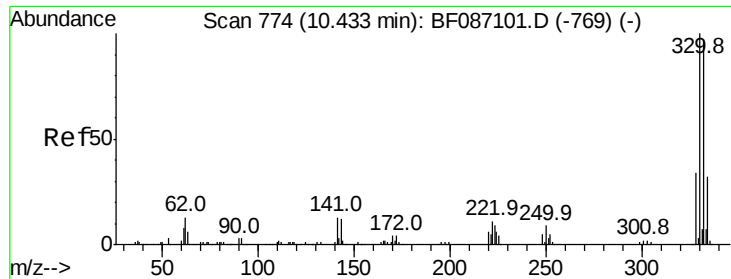
Tot Ion: 82 Resp: 832349
Ion Ratio Lower Upper
82 100
128 38.3 40.6 61.0#
54 70.7 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF087115.D
Acq: 17 May 2016 21:29

Tgt Ion:164 Resp: 281034
Ion Ratio Lower Upper
164 100
162 104.6 82.8 124.2
160 46.6 36.9 55.3

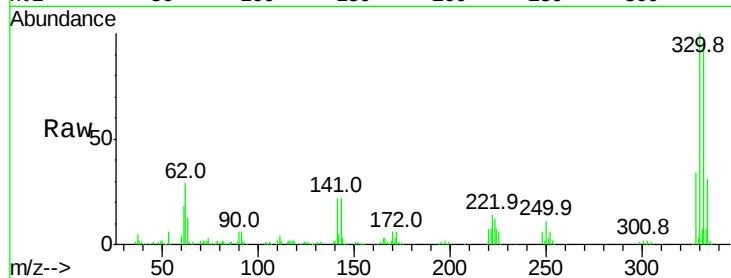




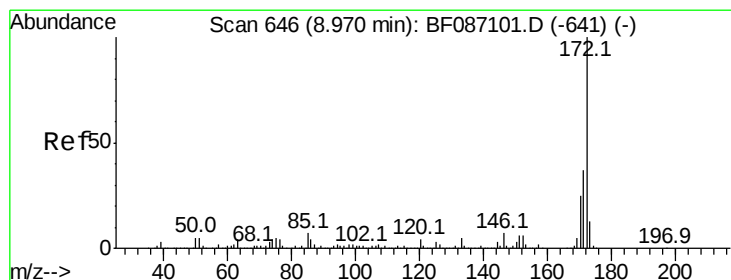
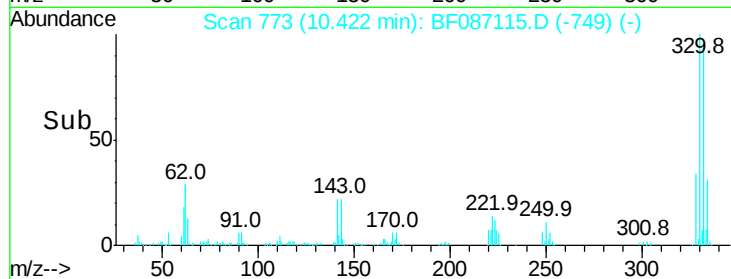
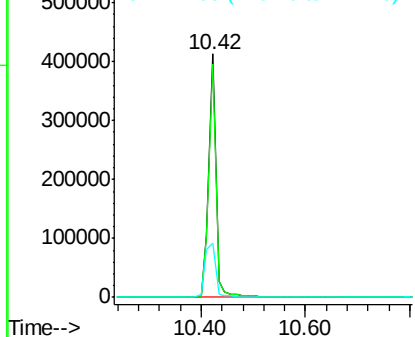
#41
 2,4,6-Tribromophenol
 Concen: 129.92 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087115.D
 Acq: 17 May 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BL

Tot Ion:330 Resp: 403463
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 33.3 31.2 46.8

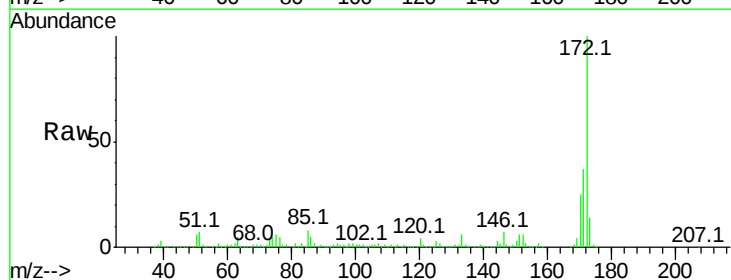


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

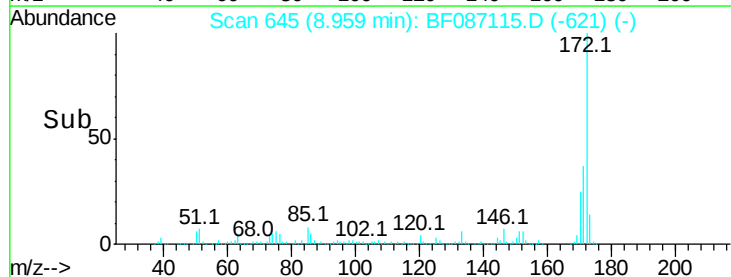
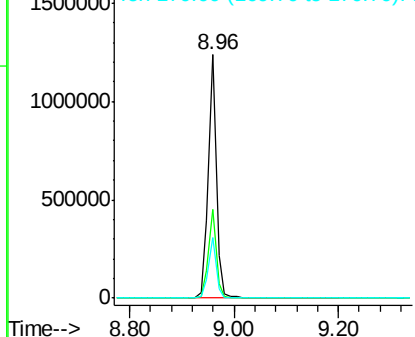


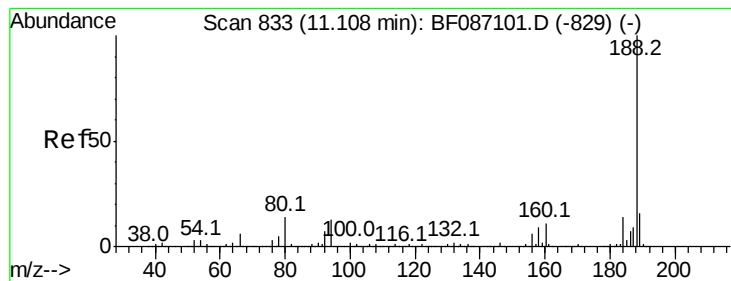
#44
 2-Fluorobiphenyl
 Concen: 78.87 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087115.D
 Acq: 17 May 2016 21:29

Tgt Ion:172 Resp: 1338278
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.6 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: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

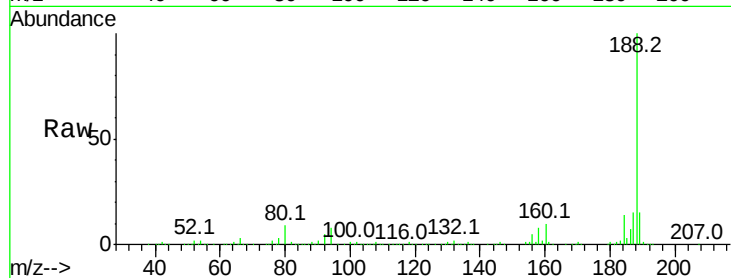
Tot Ion:188 Resp: 626046

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

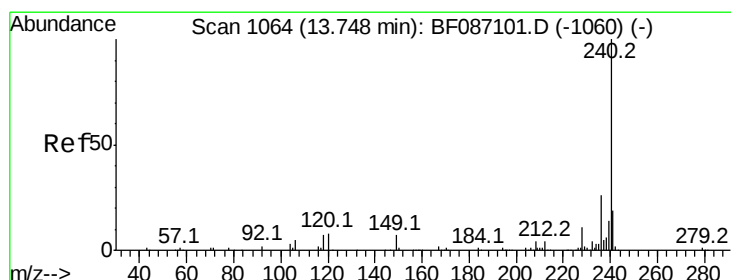
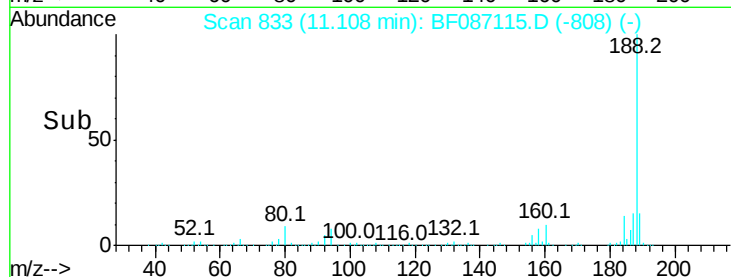
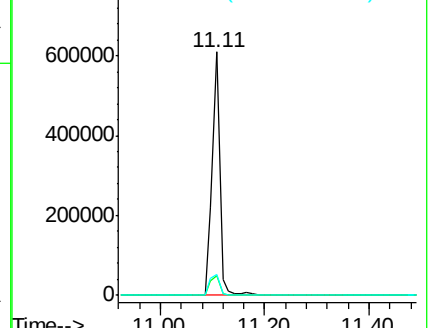
80 8.7 7.1 10.7



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: BF087115.D

Acq: 17 May 2016 21:29

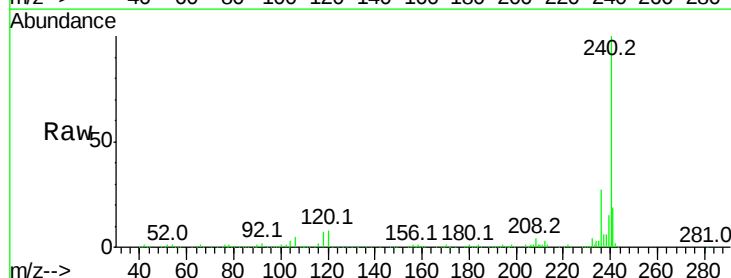
Tgt Ion:240 Resp: 514531

Ion Ratio Lower Upper

240 100

120 8.1 11.2 16.8#

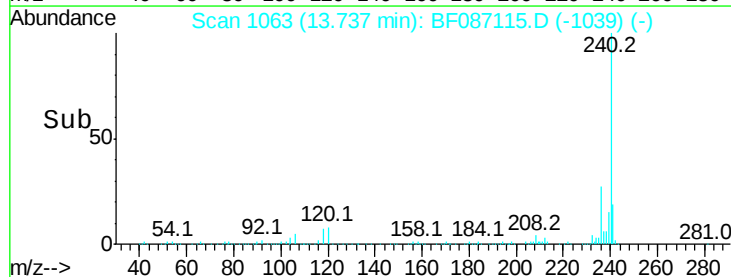
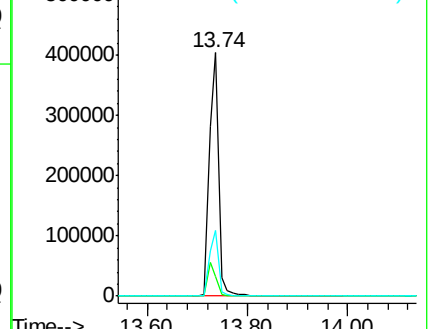
236 26.8 21.2 31.8

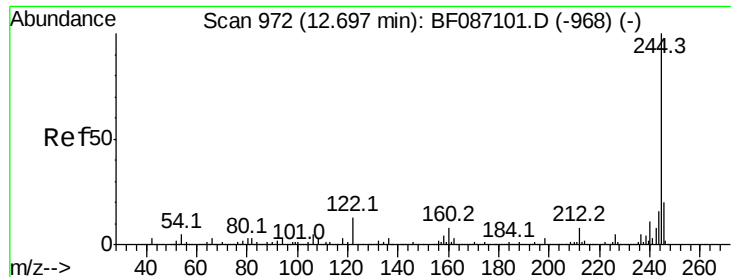


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.43 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087115.D

Acq: 17 May 2016 21:29

Instrument :

BNA_F

ClientSampleId :

PB90651BL

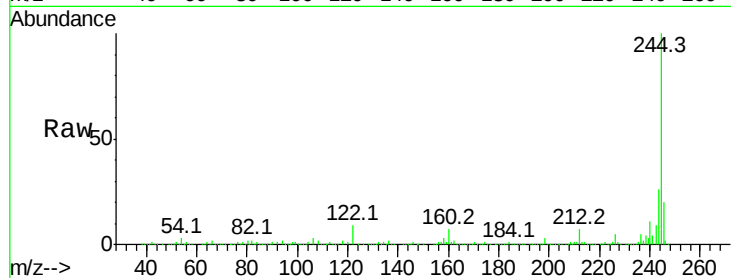
Tot Ion:244 Resp: 1647372

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

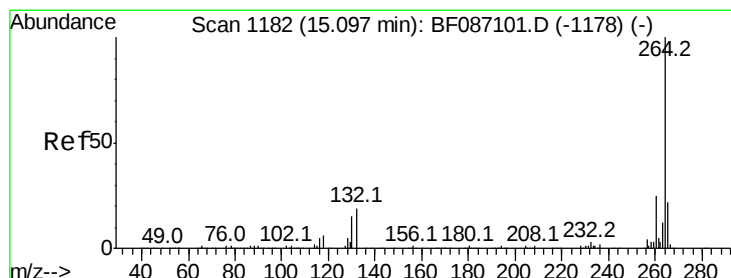
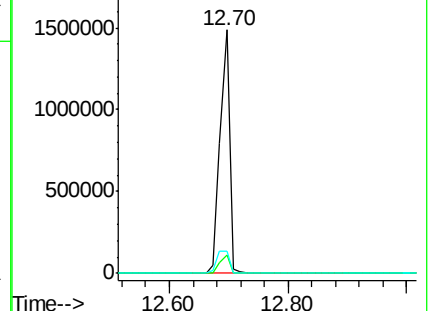
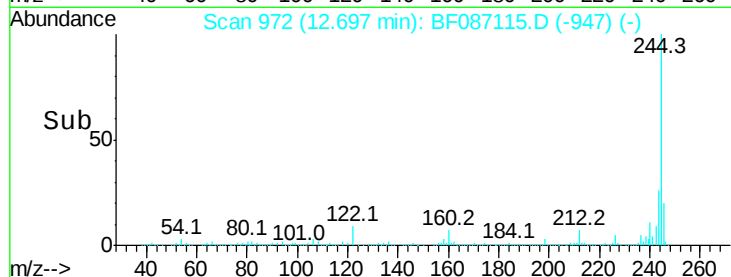
122 9.3 12.0 18.0#



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: BF087115.D

Acq: 17 May 2016 21:29

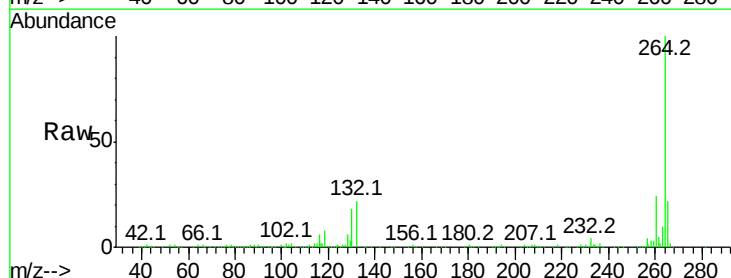
Tgt Ion:264 Resp: 407451

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.1 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

