

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087623.D
 Acq On : 1 Jun 2016 18:33
 Operator : UM/SJ
 Sample : PB91016BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BL

Quant Time: Jun 02 02:20:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	110445	20.00	ng	0.00
21) Naphthalene-d8	9.45	136	444611	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	214099	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	425151	20.00	ng	0.00
75) Chrysene-d12	18.40	240	375999	20.00	ng	0.00
86) Perylene-d12	20.08	264	292568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	847622	134.85	ng	0.02
7) Phenol-d6	6.98	99	1098814	129.38	ng	-0.02
23) Nitrobenzene-d5	8.34	82	759902	86.14	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	279704	135.95	ng	-0.01
44) 2-Fluorobiphenyl	11.22	172	1231775	81.11	ng	-0.01
78) Terphenyl-d14	17.04	244	1240668	70.15	ng	-0.01

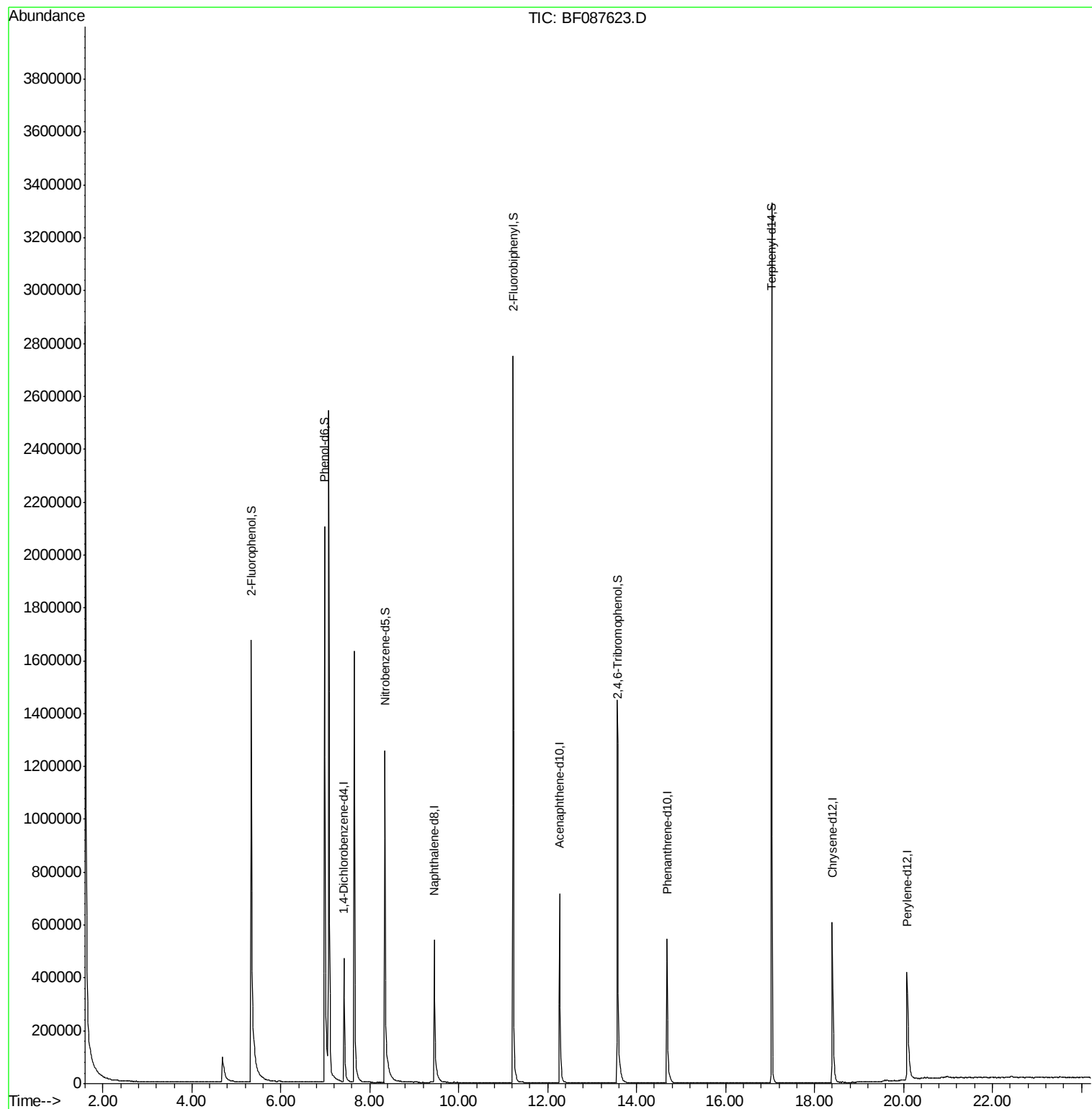
Target Compounds Qvalue

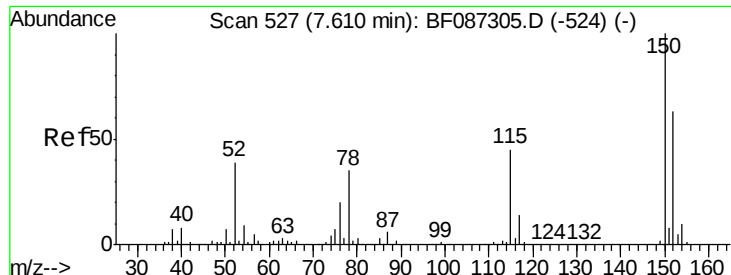
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087623.D

Acq: 1 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91016BL

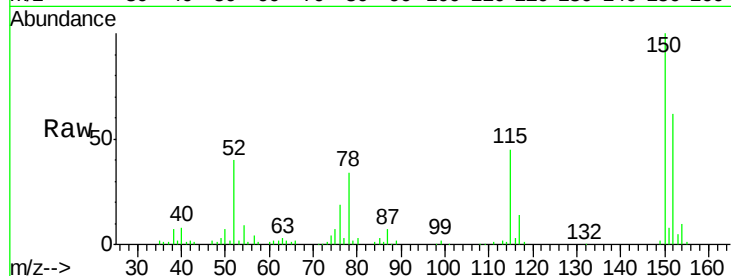
Tot Ion:152 Resp: 110445

Ion Ratio Lower Upper

152 100

150 161.6 125.8 188.6

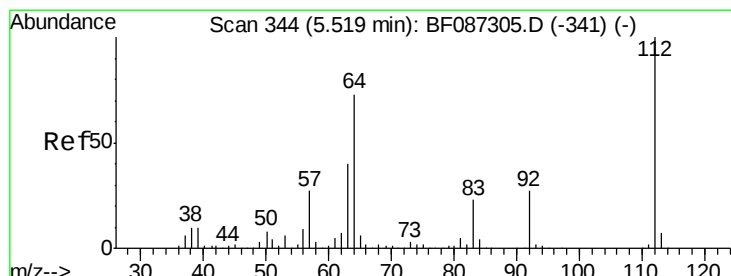
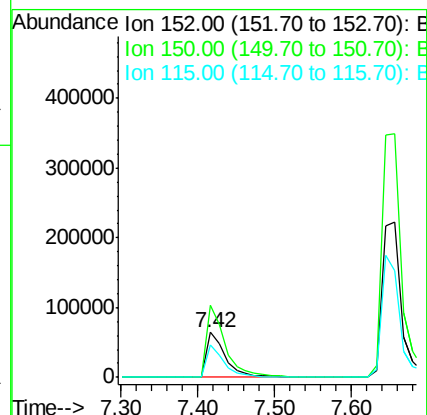
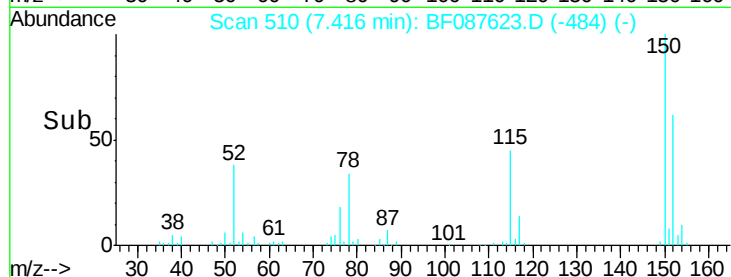
115 72.0 51.5 77.3



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: 134.85 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF087623.D

Acq: 1 Jun 2016 18:33

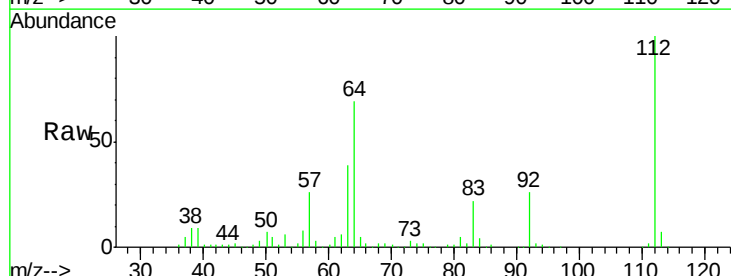
Tgt Ion:112 Resp: 847622

Ion Ratio Lower Upper

112 100

64 68.8 52.1 78.1

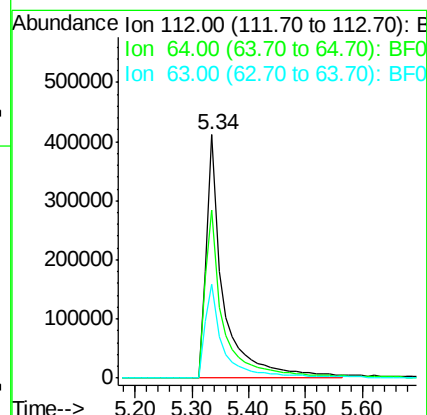
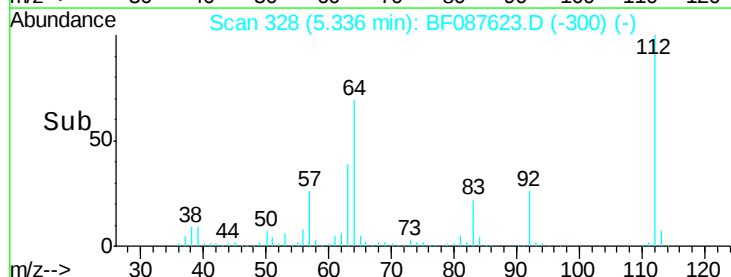
63 38.6 25.7 38.5#



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: 129.38 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF087623.D

Acq: 1 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91016BL

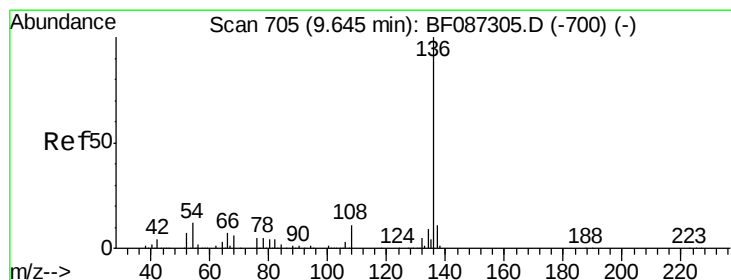
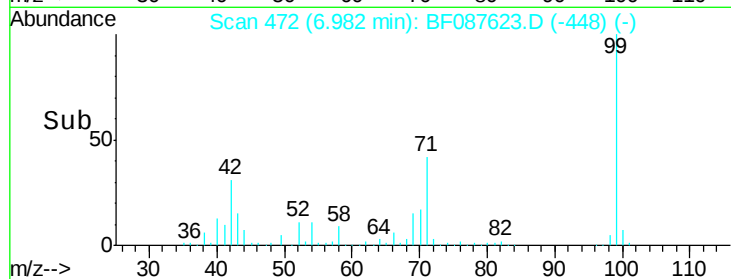
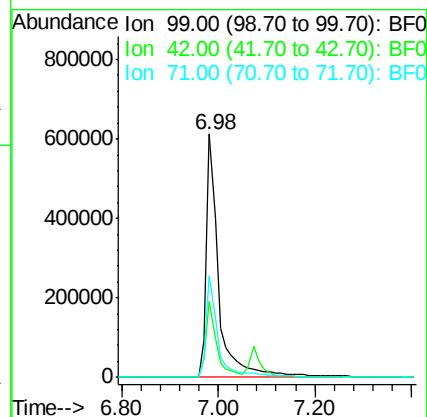
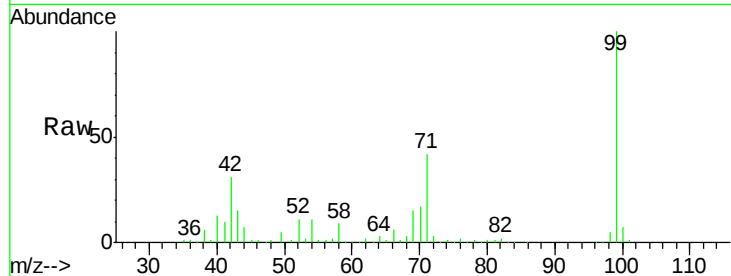
Tot Ion: 99 Resp: 1098814

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

71 41.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087623.D

Acq: 1 Jun 2016 18:33

Tgt Ion: 136 Resp: 444611

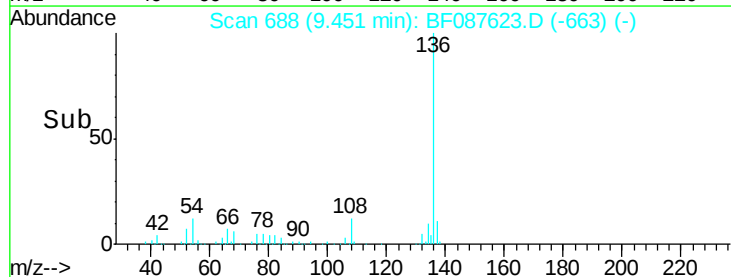
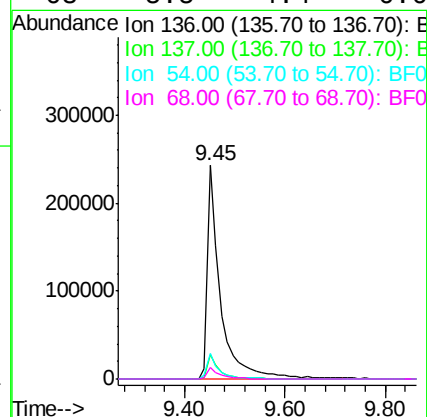
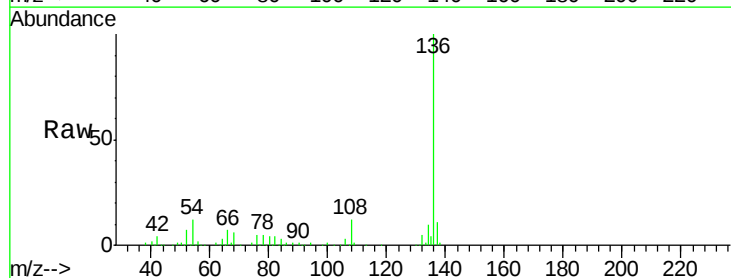
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.8 5.0 7.4#

68 5.5 4.4 6.6

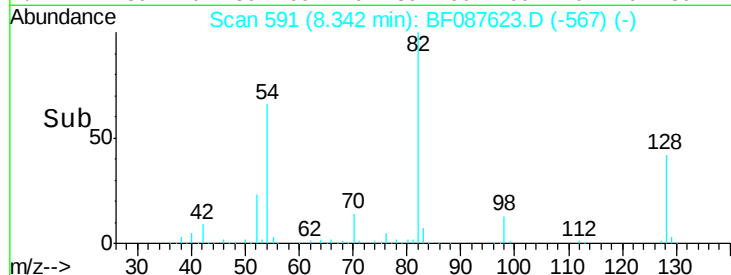
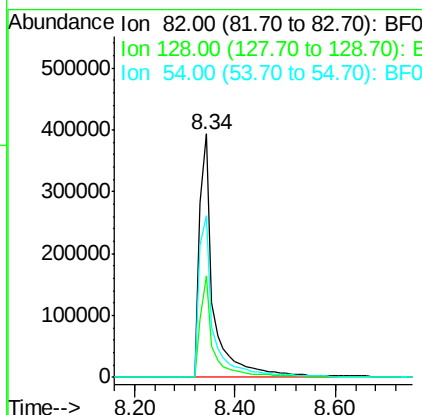
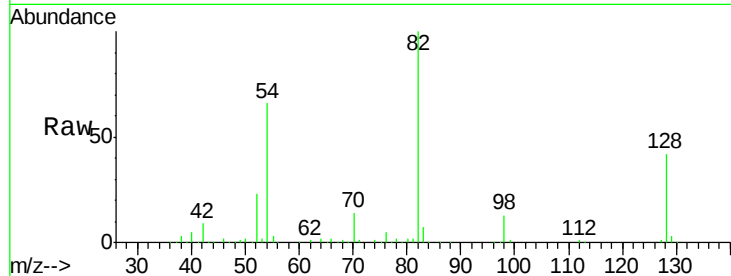




#23
 Nitrobenzene-d5
 Concen: 86.14 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087623.D
 Acq: 1 Jun 2016 18:33

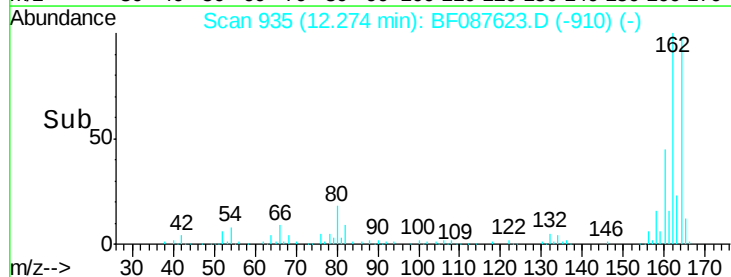
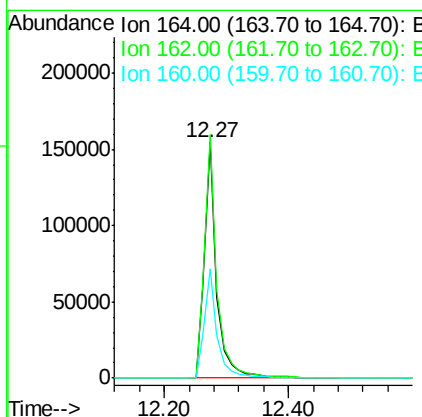
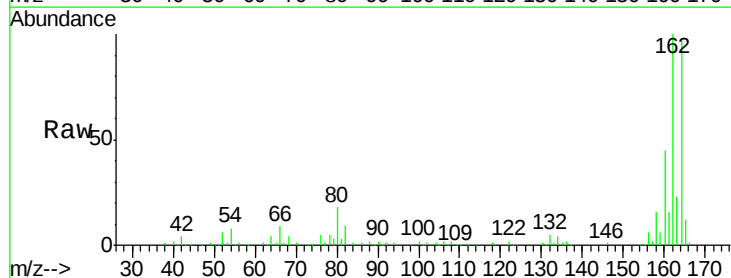
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BL

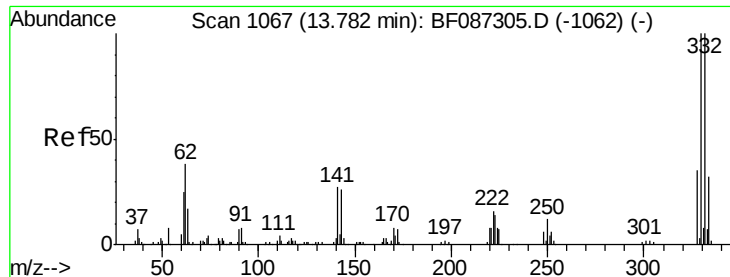
Tot Ion: 82 Resp: 759902
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 66.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087623.D
 Acq: 1 Jun 2016 18:33

Tgt Ion: 164 Resp: 214099
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 46.5 36.9 55.3

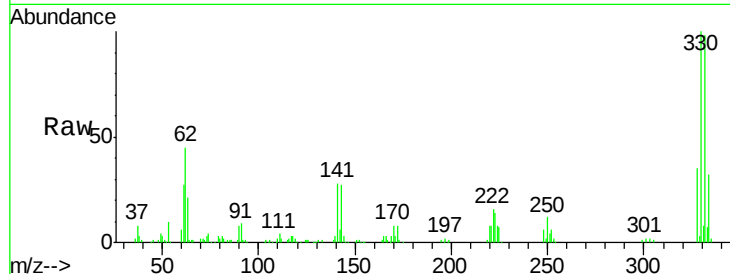




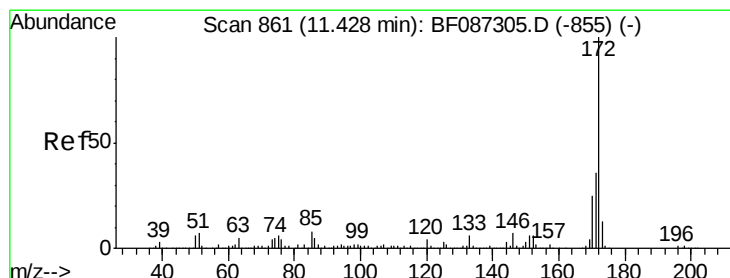
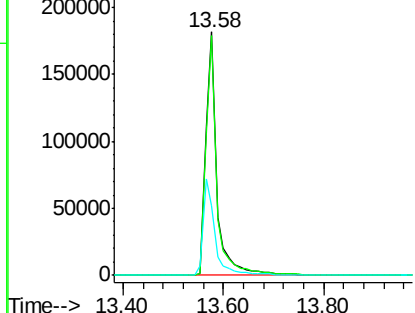
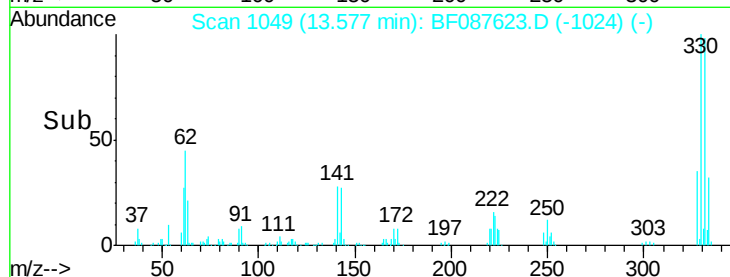
#41
 2,4,6-Tribromophenol
 Concen: 135.95 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087623.D
 Acq: 1 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleID :
 PB91016BL

Tot Ion:330 Resp: 279704
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 42.3 31.2 46.8

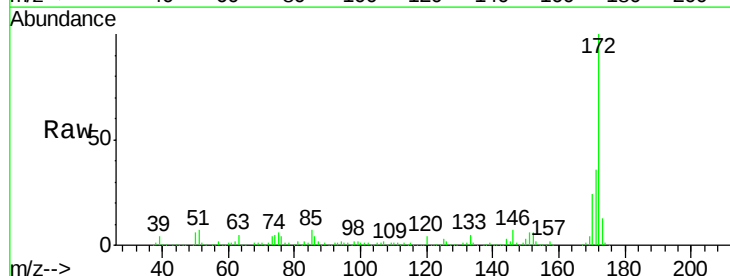


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

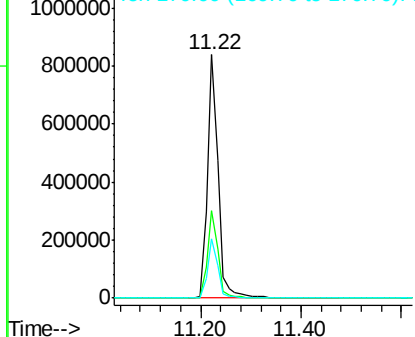
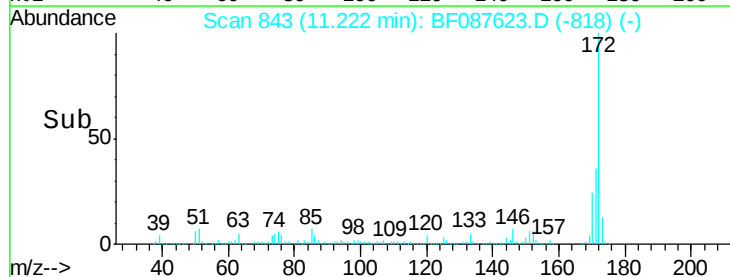


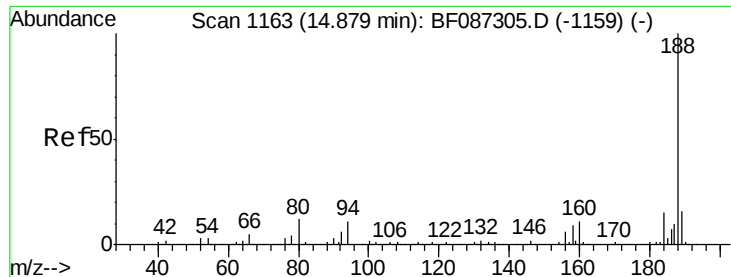
#44
 2-Fluorobiphenyl
 Concen: 81.11 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF087623.D
 Acq: 1 Jun 2016 18:33

Tgt Ion:172 Resp: 1231775
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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

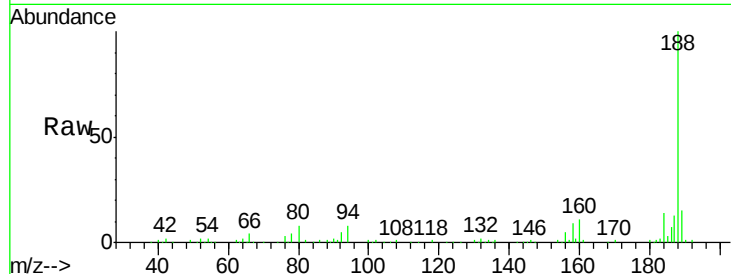




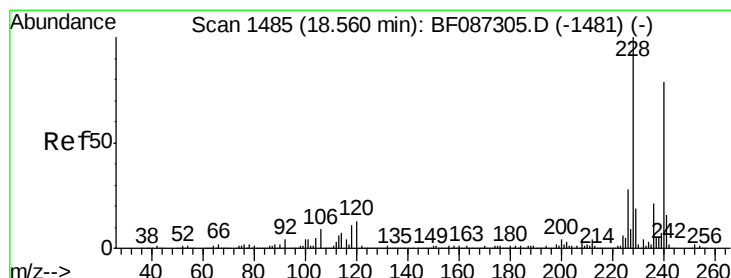
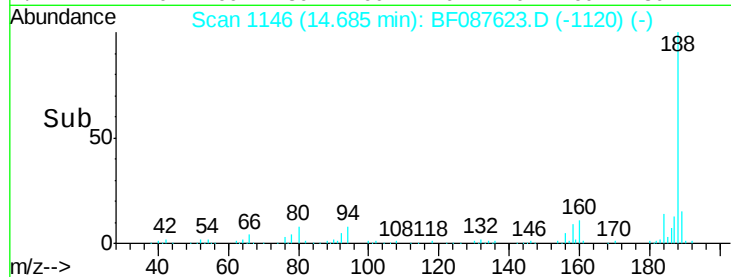
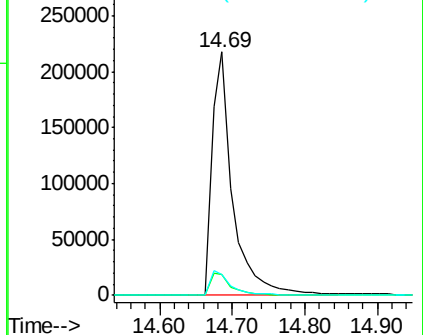
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087623.D
Acq: 1 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91016BL

Tot Ion:188 Resp: 425151
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.5 7.1 10.7

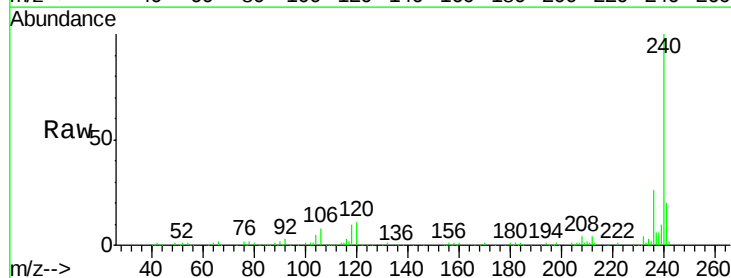


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

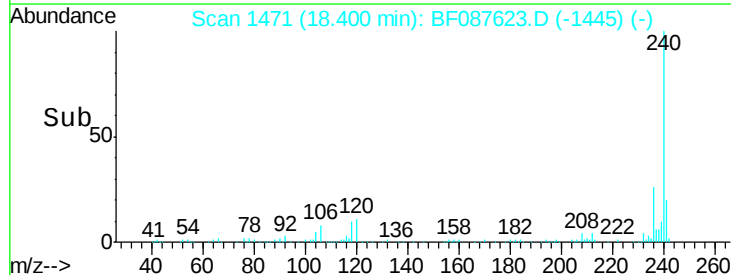
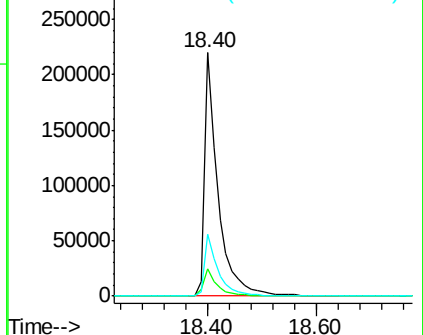


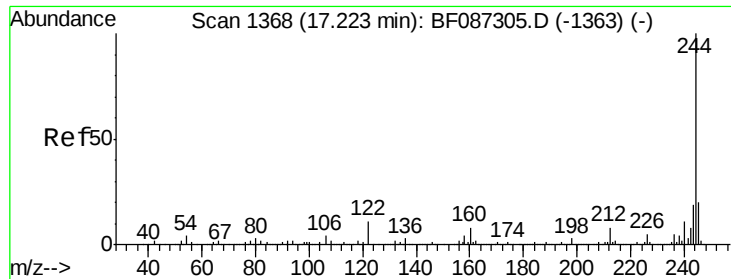
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF087623.D
Acq: 1 Jun 2016 18:33

Tgt Ion:240 Resp: 375999
Ion Ratio Lower Upper
240 100
120 11.1 11.2 16.8#
236 25.6 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: 70.15 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087623.D

Acq: 1 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91016BL

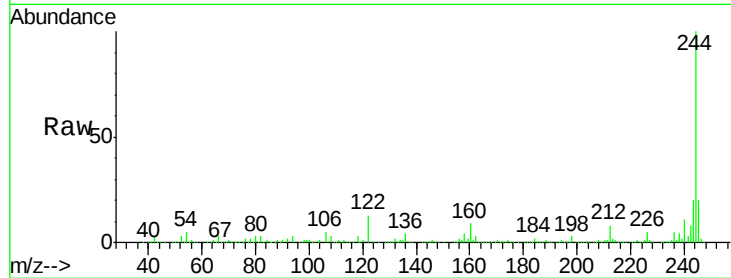
Tot Ion:244 Resp: 1240668

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

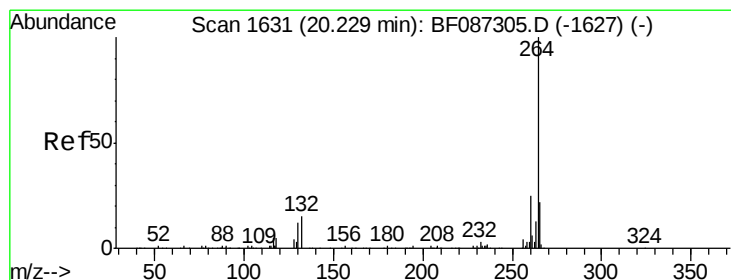
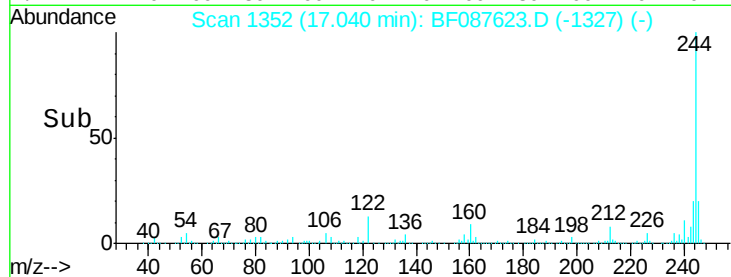
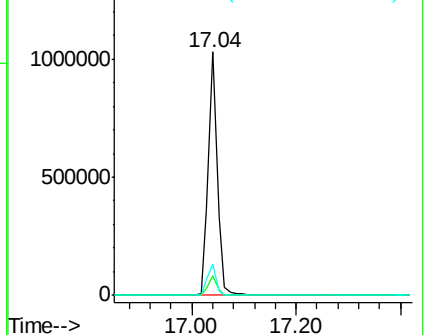
122 12.9 12.0 18.0



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: 20.08 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF087623.D

Acq: 1 Jun 2016 18:33

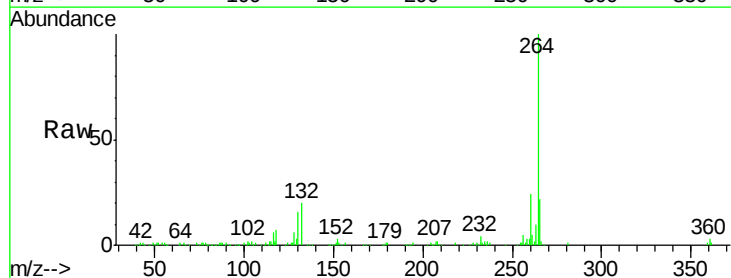
Tgt Ion:264 Resp: 292568

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.4 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

