

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087480.D
 Acq On : 28 May 2016 15:22
 Operator : UM/SJ
 Sample : PB90965BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BL

Quant Time: May 30 03:28:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 03:25:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	115242	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	469654	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	223007	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	439254	20.00	ng	-0.01
75) Chrysene-d12	18.43	240	362356	20.00	ng	0.00
86) Perylene-d12	20.10	264	224544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	797949	121.67	ng	0.01
7) Phenol-d6	7.02	99	1051339	118.64	ng	-0.02
23) Nitrobenzene-d5	8.38	82	683175	73.31	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	237271	110.72	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1210725	76.54	ng	-0.01
78) Terphenyl-d14	17.09	244	1164849	68.34	ng	0.00

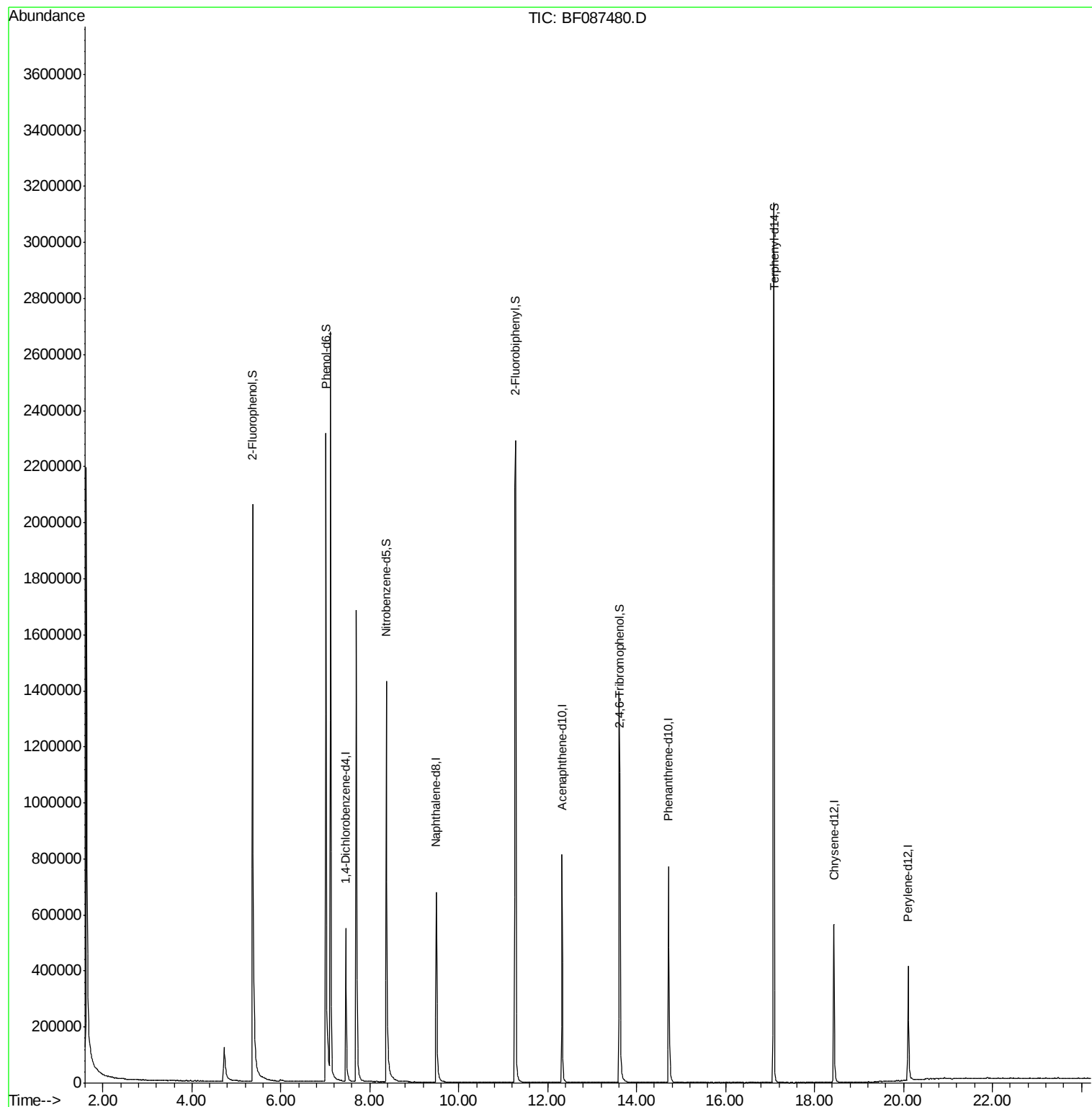
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF087480.D

Acq: 28 May 2016 15:22

Instrument :

BNA_F

ClientSampled :

PB90965BL

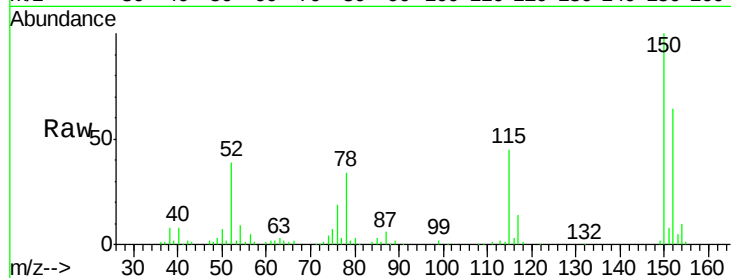
Tgt Ion:152 Resp: 115242

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

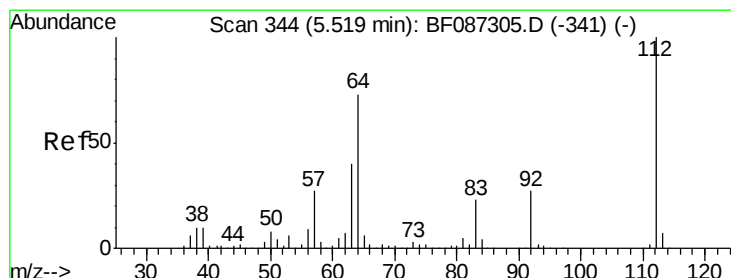
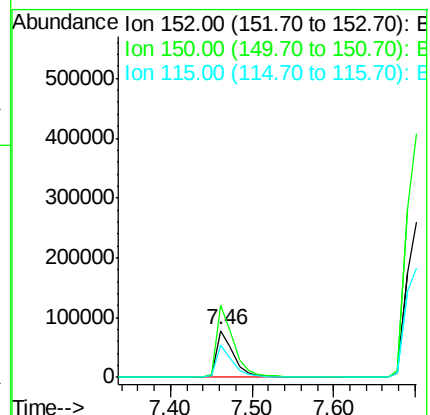
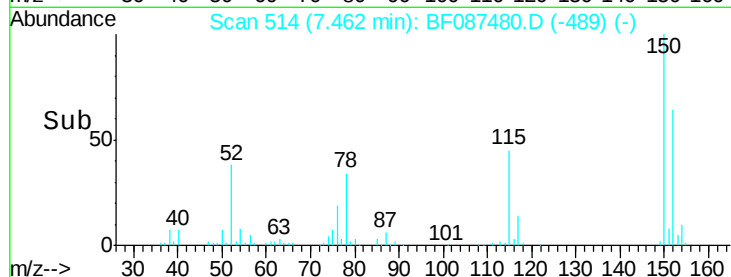
115 70.6 51.5 77.3



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: 121.67 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087480.D

Acq: 28 May 2016 15:22

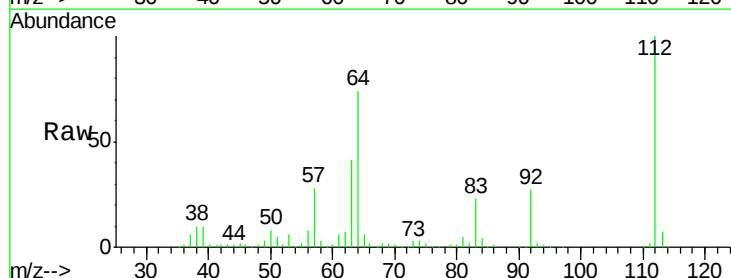
Tgt Ion:112 Resp: 797949

Ion Ratio Lower Upper

112 100

64 74.1 52.1 78.1

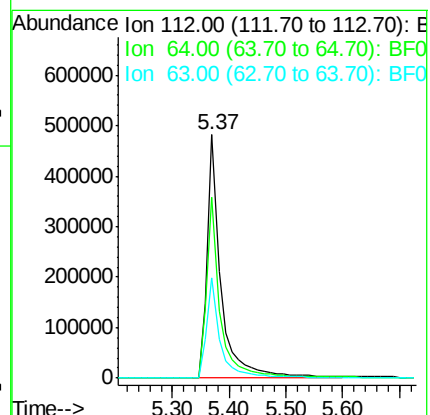
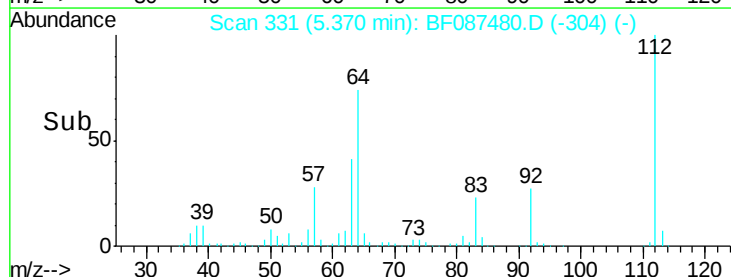
63 40.9 25.7 38.5#



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: 118.64 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087480.D

Acq: 28 May 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB90965BL

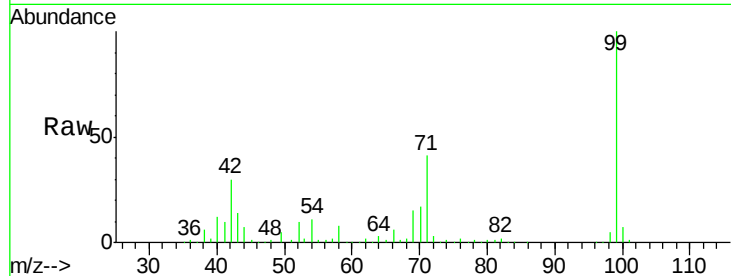
Tgt Ion: 99 Resp: 1051339

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

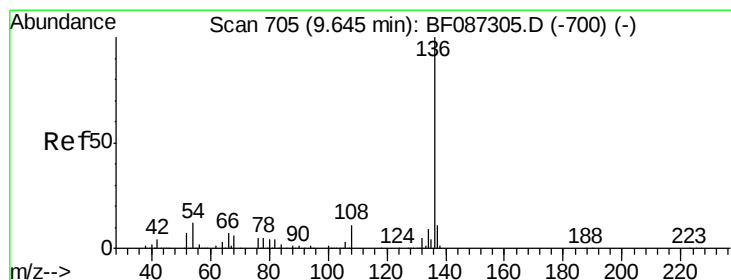
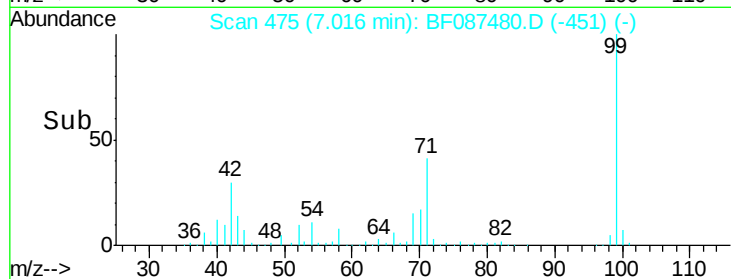
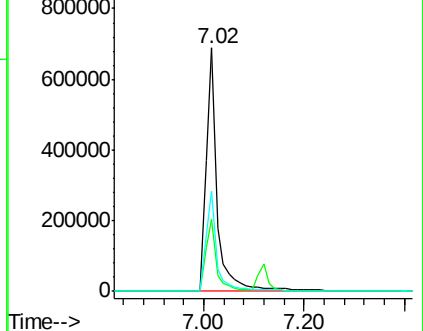
71 41.0 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087480.D

Acq: 28 May 2016 15:22

Tgt Ion: 136 Resp: 469654

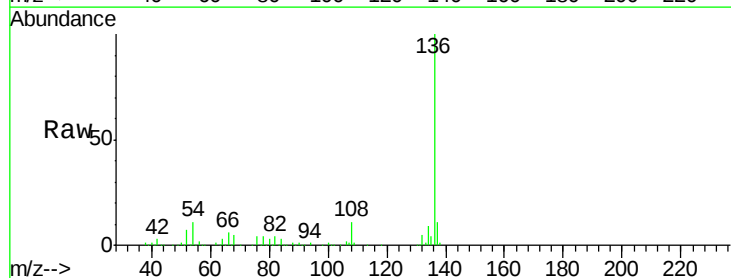
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.8 5.0 7.4#

68 5.1 4.4 6.6

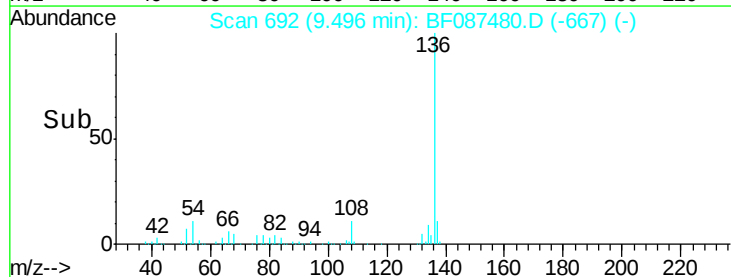
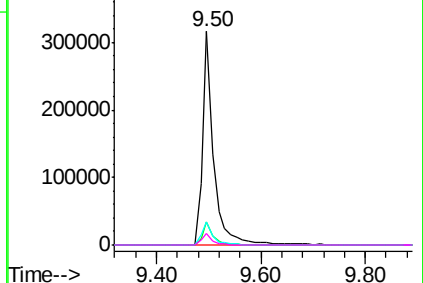


Abundance Ion 136.00 (135.70 to 136.70): E

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

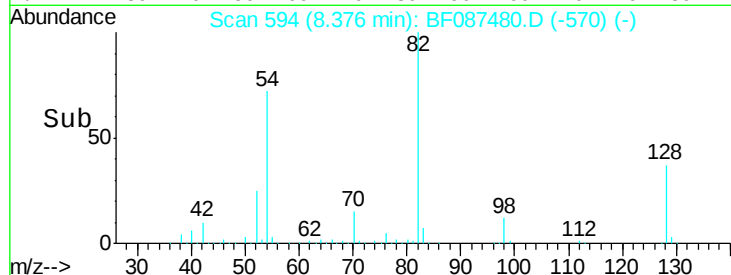
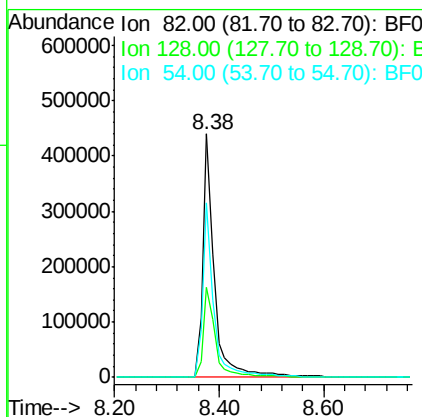
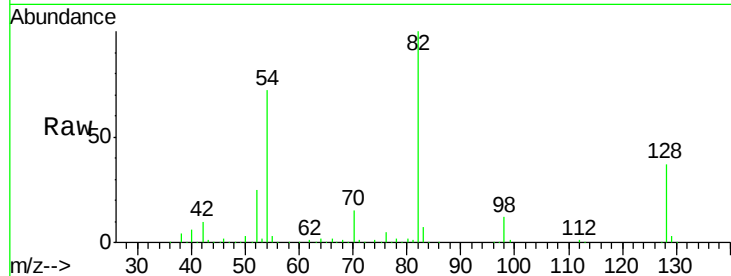




#23
 Nitrobenzene-d5
 Concen: 73.31 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF087480.D
 Acq: 28 May 2016 15:22

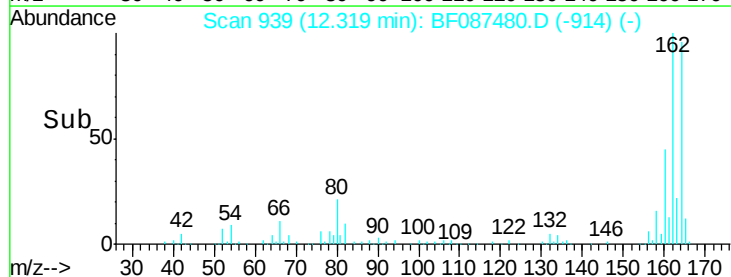
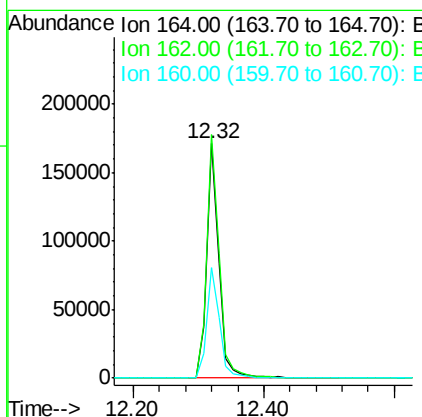
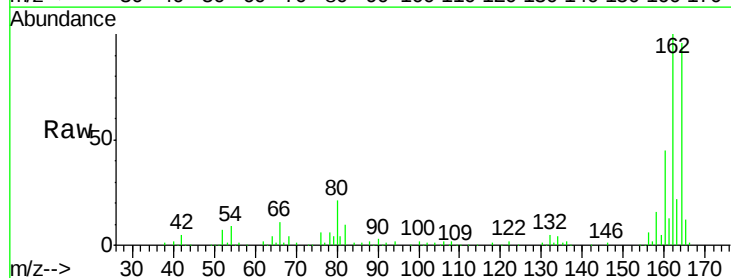
Instrument :
 BNA_F
 ClientSampleId :
 PB90965BL

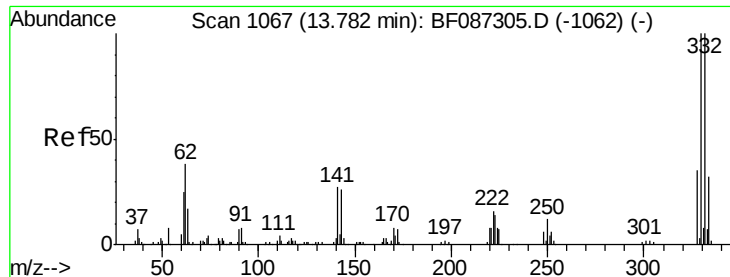
Tgt Ion: 82 Resp: 683175
 Ion Ratio Lower Upper
 82 100
 128 37.2 40.6 61.0#
 54 71.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087480.D
 Acq: 28 May 2016 15:22

Tgt Ion: 164 Resp: 223007
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.2 36.9 55.3

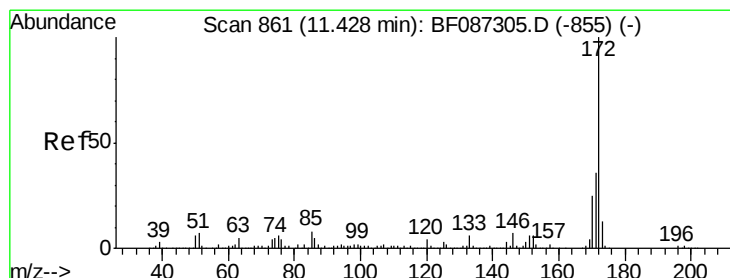
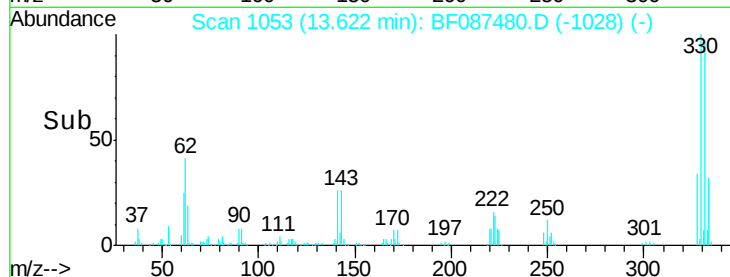
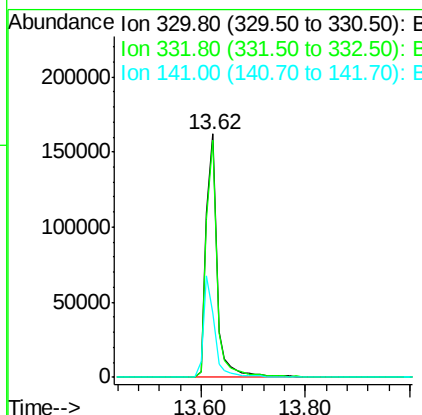
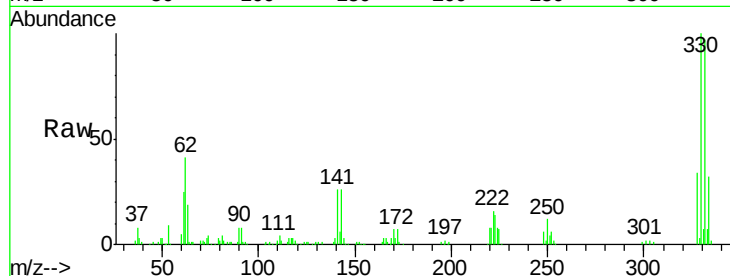




#41
 2,4,6-Tribromophenol
 Concen: 110.72 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087480.D
 Acq: 28 May 2016 15:22

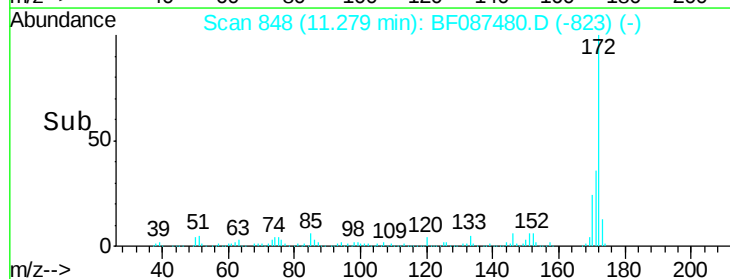
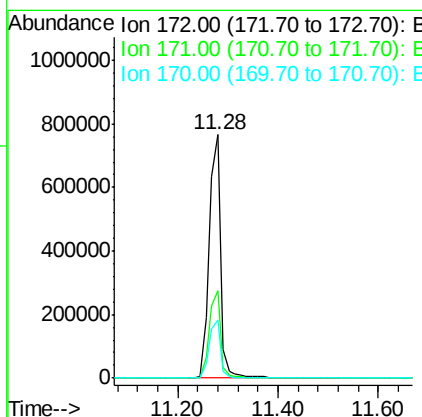
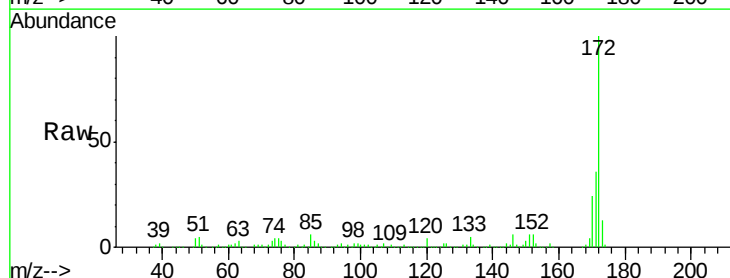
Instrument :
 BNA_F
 ClientSampleId :
 PB90965BL

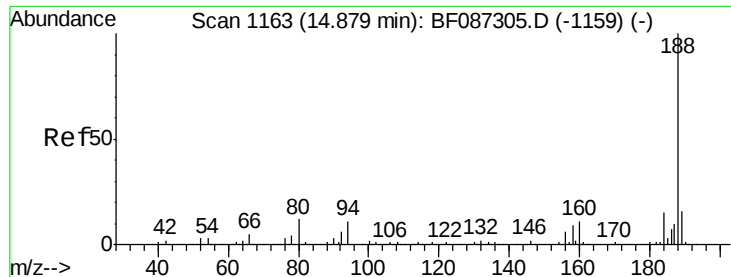
Tgt Ion:330 Resp: 237271
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 42.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 76.54 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087480.D
 Acq: 28 May 2016 15:22

Tgt Ion:172 Resp: 1210725
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.7 19.8 29.8

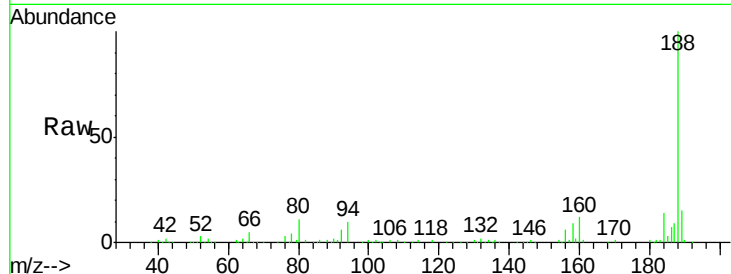




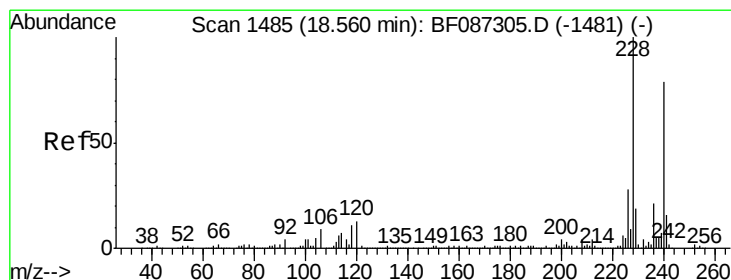
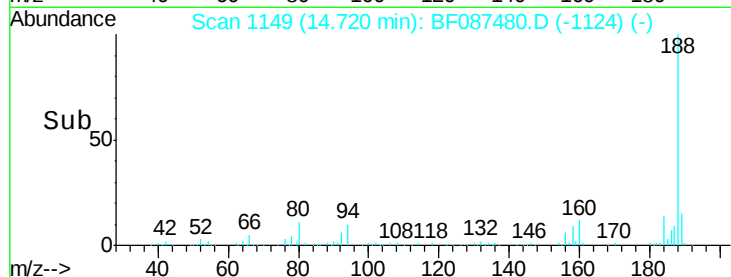
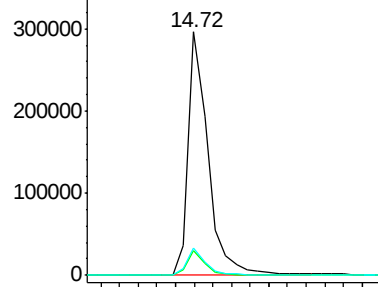
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF087480.D
Acq: 28 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
PB90965BL

Tgt Ion:188 Resp: 439254
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 11.2 7.1 10.7#

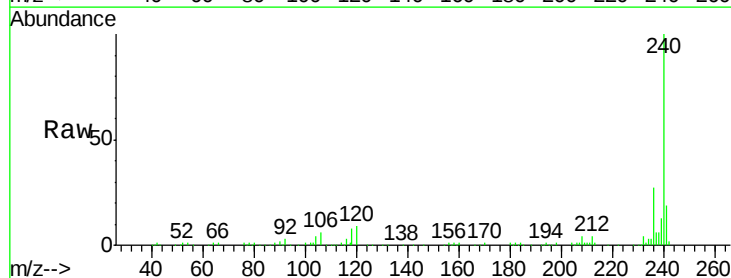


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

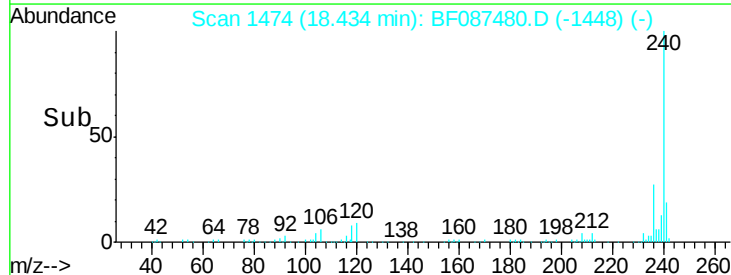
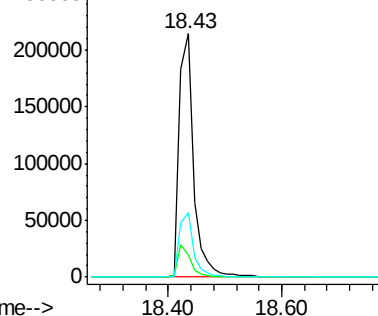


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087480.D
Acq: 28 May 2016 15:22

Tgt Ion:240 Resp: 362356
Ion Ratio Lower Upper
240 100
120 8.9 11.2 16.8#
236 26.6 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: 68.34 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087480.D

Acq: 28 May 2016 15:22

Instrument :

BNA_F

ClientSampleId :

PB90965BL

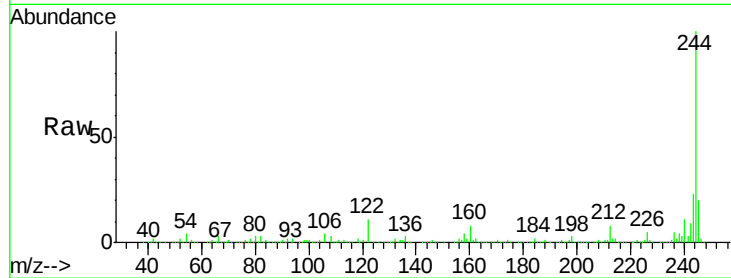
Tgt Ion:244 Resp: 1164849

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

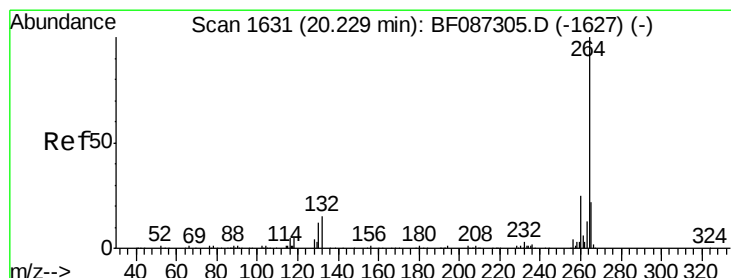
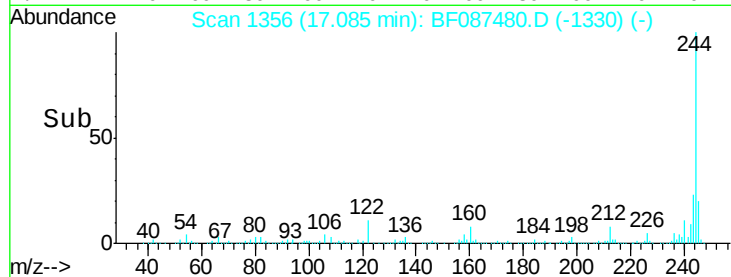
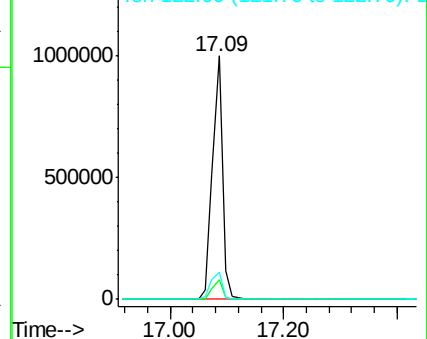
122 11.3 12.0 18.0#



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: 20.10 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF087480.D

Acq: 28 May 2016 15:22

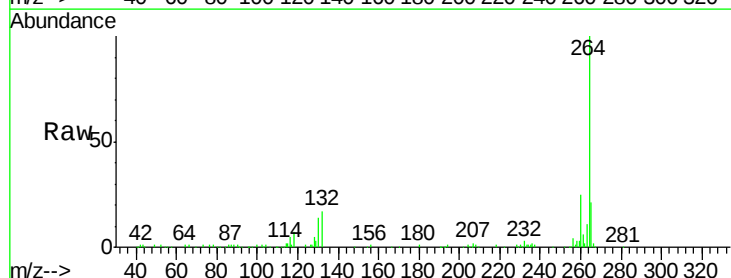
Tgt Ion:264 Resp: 224544

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.4 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

