

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096781.D
 Acq On : 14 Jul 2017 19:42
 Operator : SJ/JU
 Sample : PB100644BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100644BL

Quant Time: Jul 15 00:40:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	87415	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	365715	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	165580	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	294816	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	265657	20.00	ng	-0.02
86) Perylene-d12	15.14	264	208262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	779105	134.01	ng	0.00
7) Phenol-d6	6.27	99	951875	136.44	ng	-0.01
23) Nitrobenzene-d5	7.19	82	550279	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	205456	145.37	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1009234	96.30	ng	-0.01
78) Terphenyl-d14	12.72	244	866302	56.55	ng	-0.01

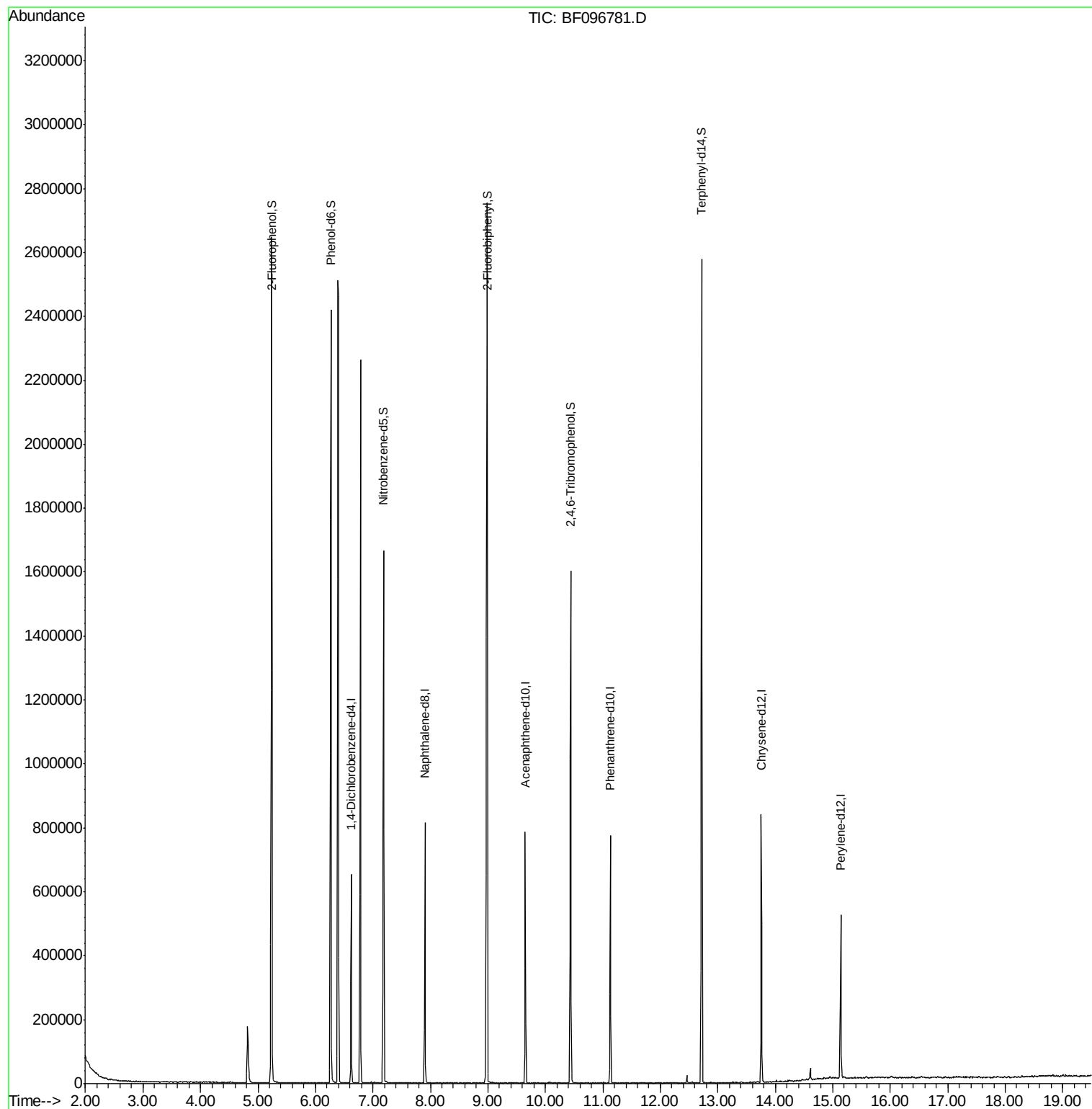
Target Compounds	Qvalue
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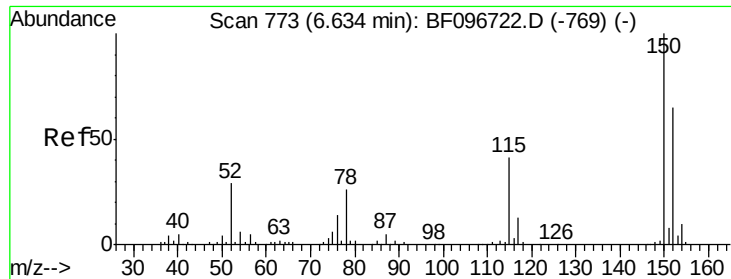
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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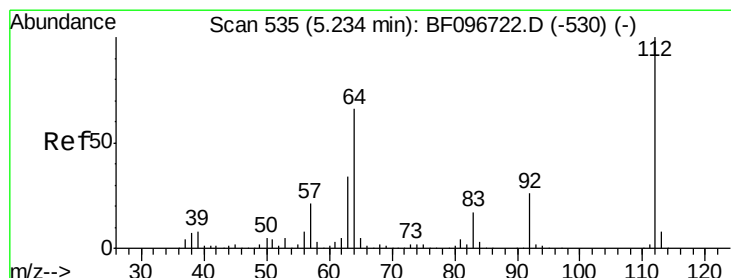
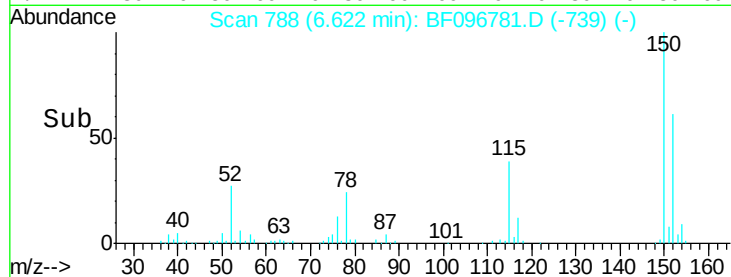
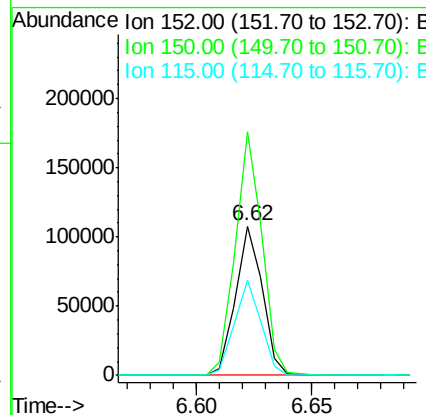
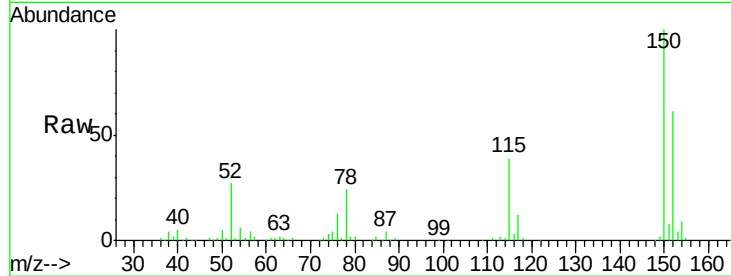


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Instrument :
BNA_F
ClientSampleId :
PB100644BL

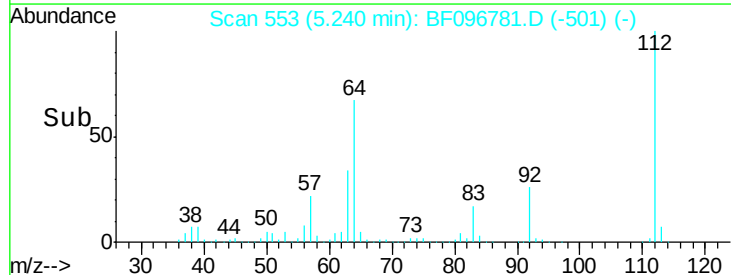
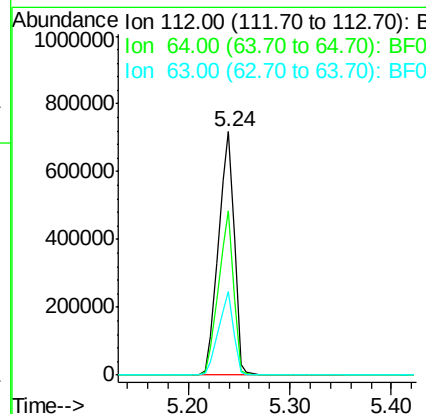
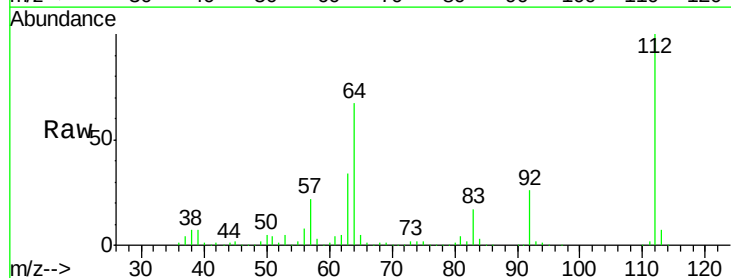
Tgt Ion:152 Resp: 87415
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 64.3 52.2 78.2

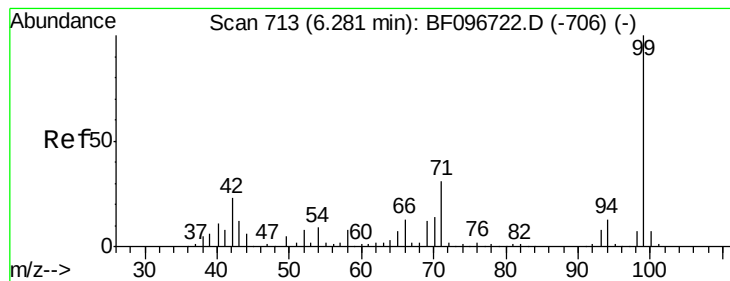


#5

2-Fluorophenol
Concen: 134.010 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096781.D
Acq: 14 Jul 2017 19:42

Tgt Ion:112 Resp: 779105
Ion Ratio Lower Upper
112 100
64 67.3 46.0 69.0
63 34.5 23.4 35.0





#7

Phenol-d6

Concen: 136.436 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Instrument :

BNA_F

ClientSampleId :

PB100644BL

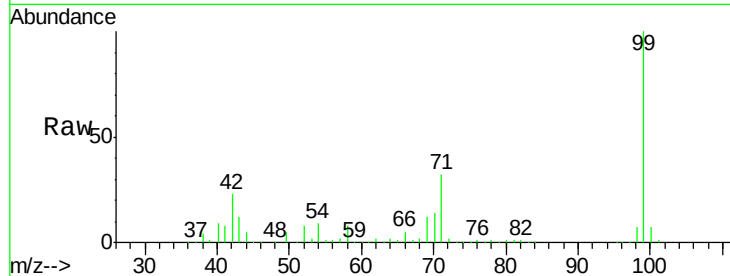
Tgt Ion: 99 Resp: 951875

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

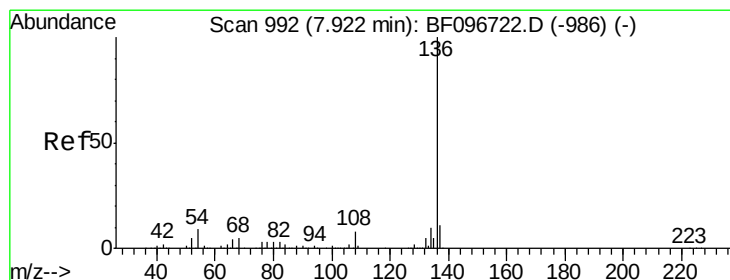
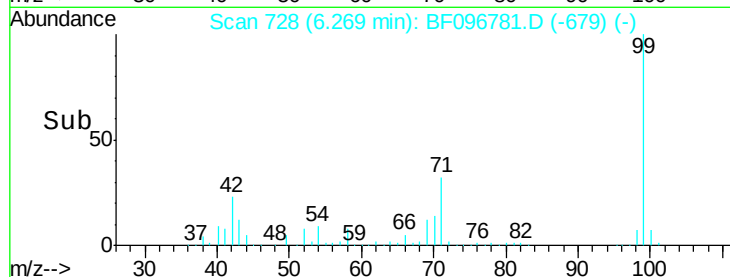
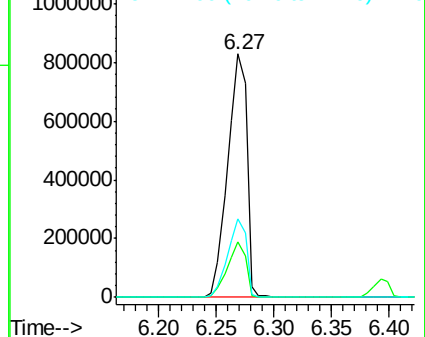
71 32.5 24.5 36.7



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: 20.000 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Tgt Ion: 136 Resp: 365715

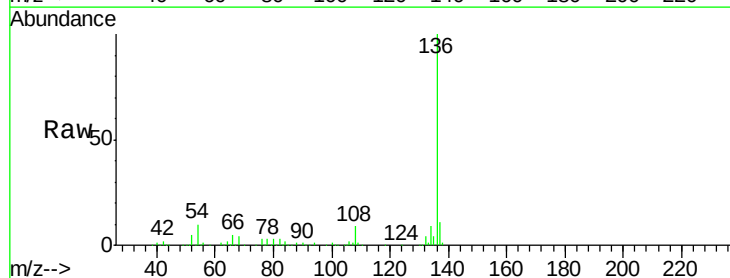
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.8 4.9 7.3#

68 4.5 4.1 6.1

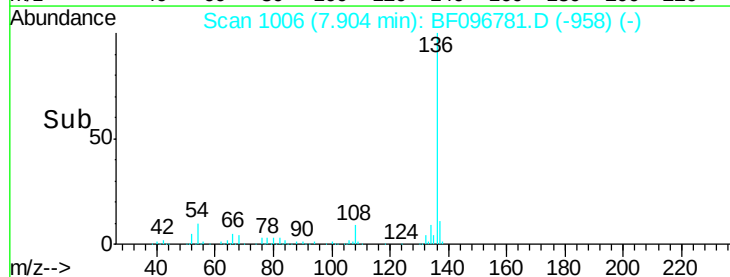
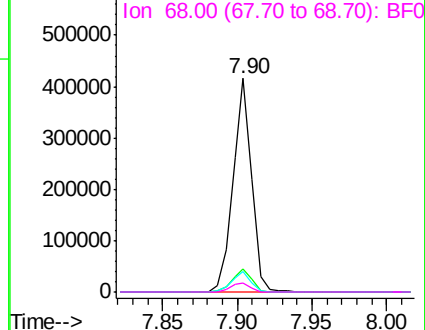


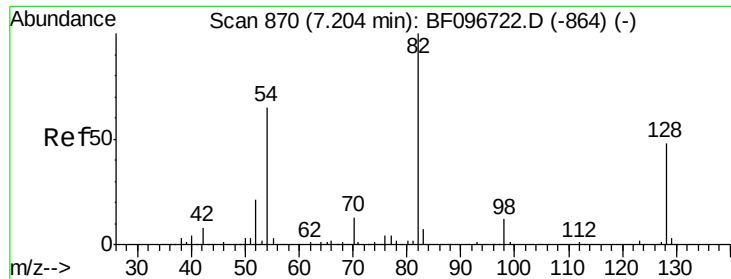
Abundance Ion 136.00 (135.70 to 136.70): E

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

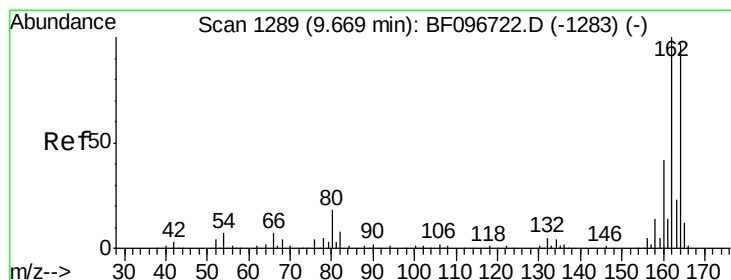
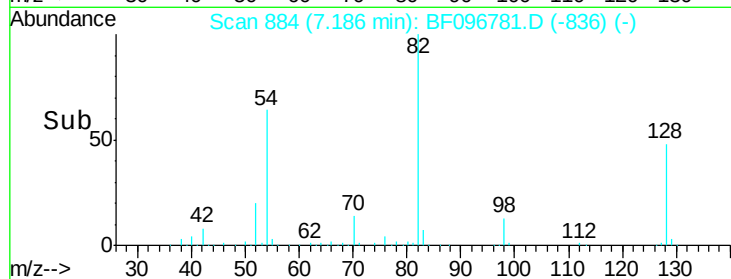
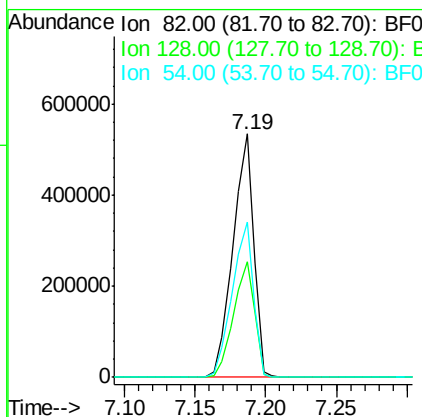
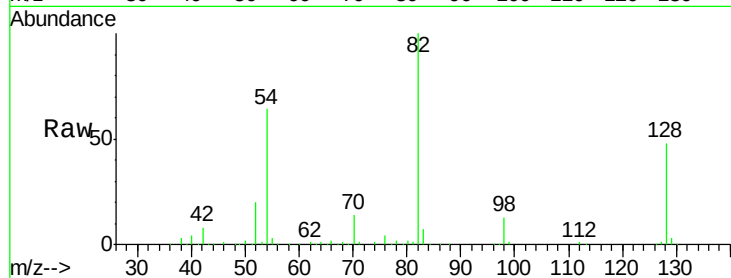




#23
 Nitrobenzene-d5
 Concen: 93.200 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096781.D
 Acq: 14 Jul 2017 19:42

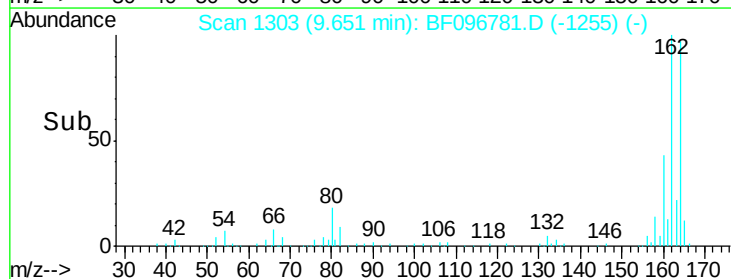
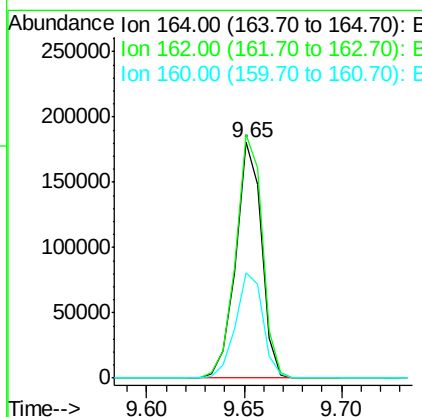
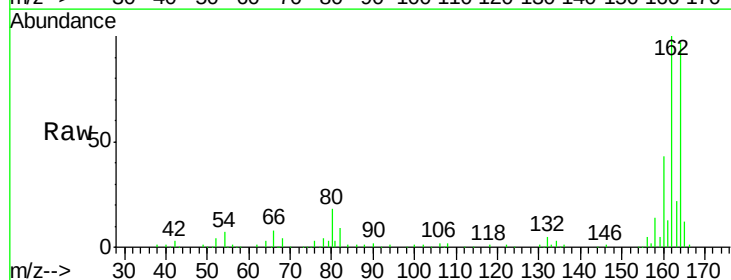
Instrument :
 BNA_F
 ClientSampleId :
 PB100644BL

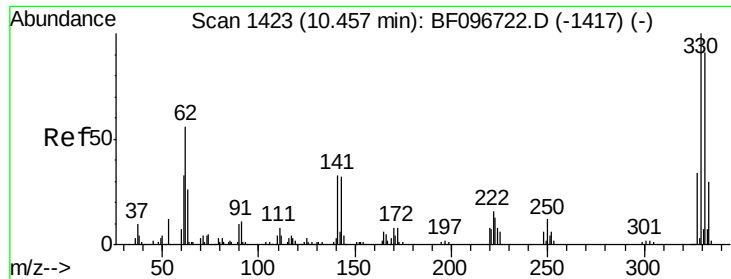
Tgt Ion: 82 Resp: 550279
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 64.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096781.D
 Acq: 14 Jul 2017 19:42

Tgt Ion: 164 Resp: 165580
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 44.6 36.2 54.2

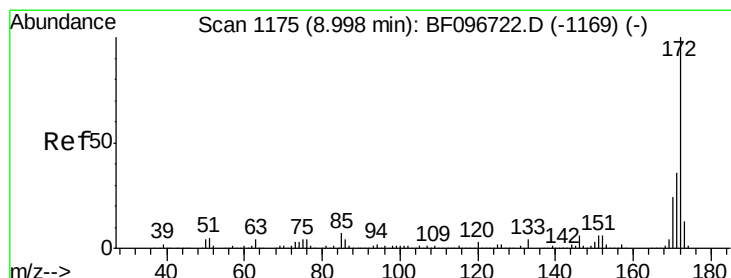
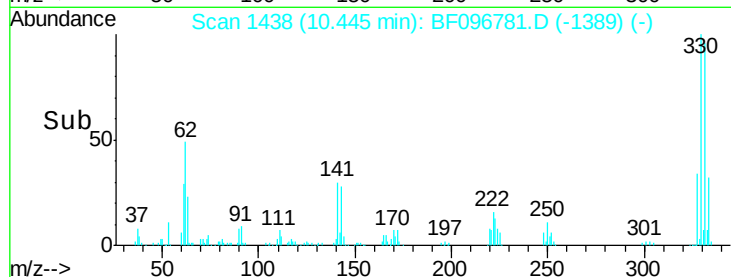
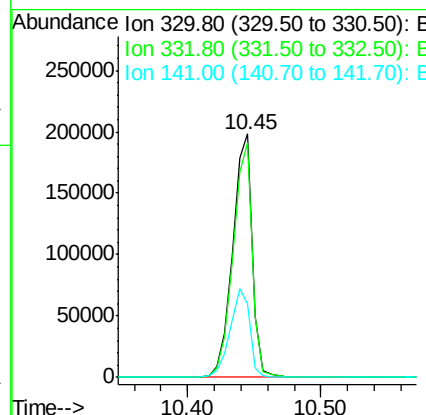
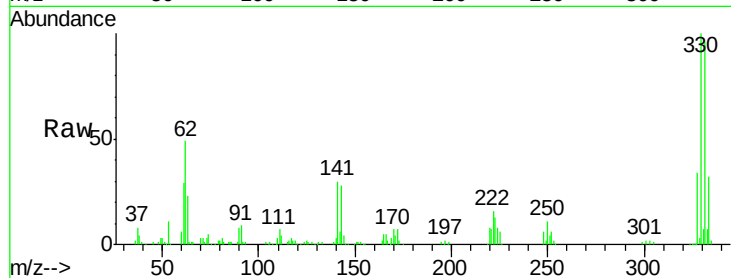




#41
 2,4,6-Tribromophenol
 Concen: 145.366 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096781.D
 Acq: 14 Jul 2017 19:42

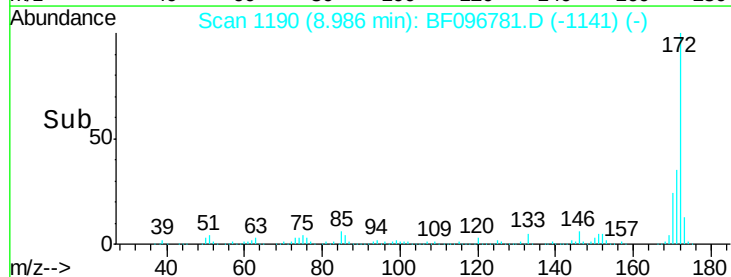
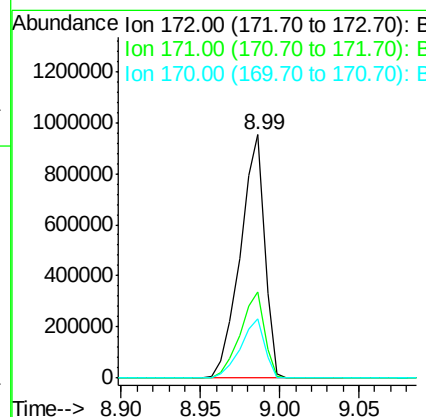
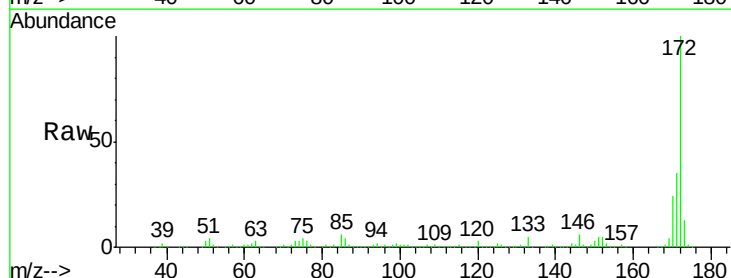
Instrument :
 BNA_F
 ClientSampleId :
 PB100644BL

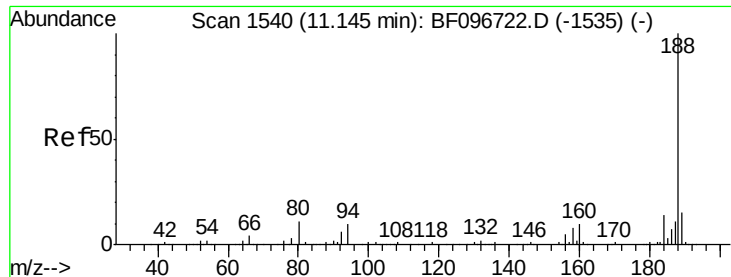
Tgt Ion:330 Resp: 205456
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 37.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 96.298 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096781.D
 Acq: 14 Jul 2017 19:42

Tgt Ion:172 Resp: 1009234
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.1 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Instrument :

BNA_F

ClientSampleId :

PB100644BL

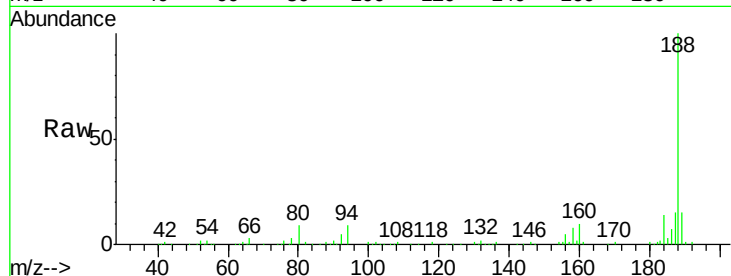
Tgt Ion:188 Resp: 294816

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

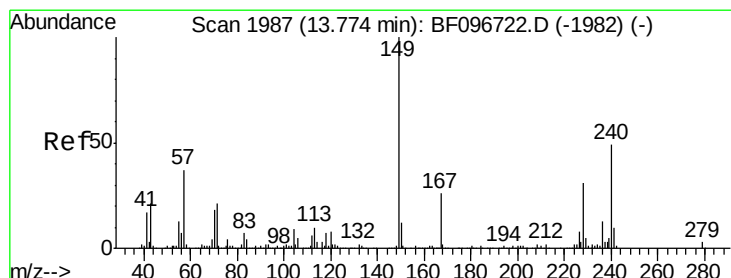
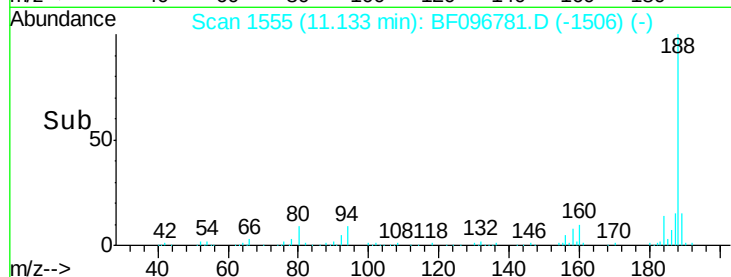
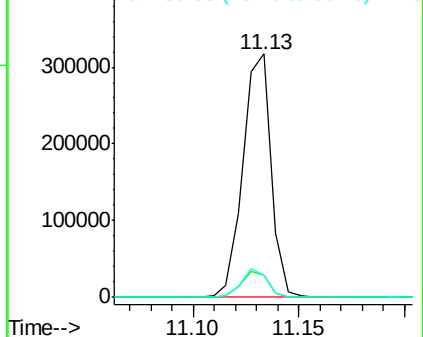
80 9.2 10.2 15.2#



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: 20.000 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

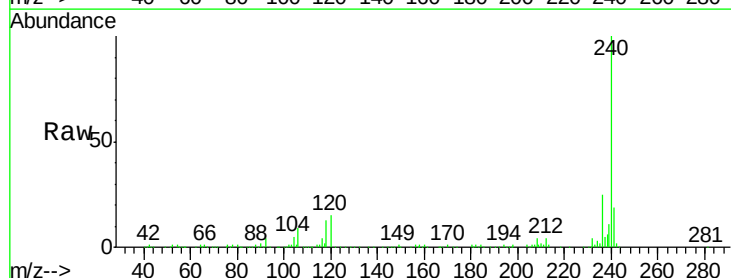
Tgt Ion:240 Resp: 265657

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

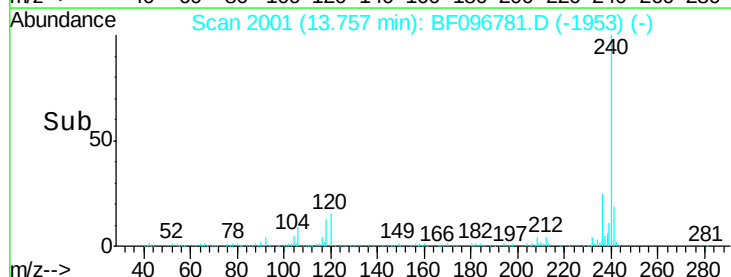
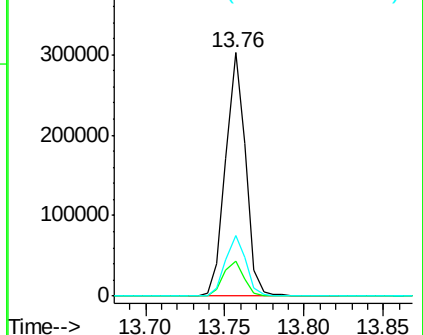
236 24.9 20.5 30.7

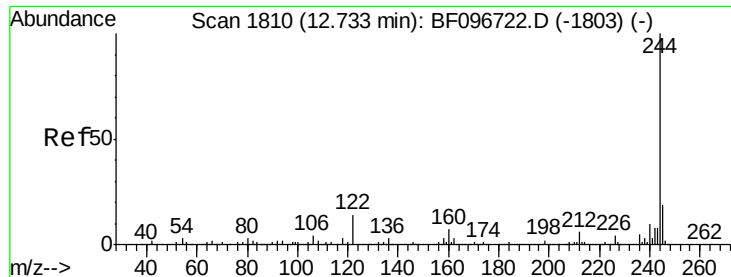


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.554 ng

RT: 12.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

Instrument :

BNA_F

ClientSampleId :

PB100644BL

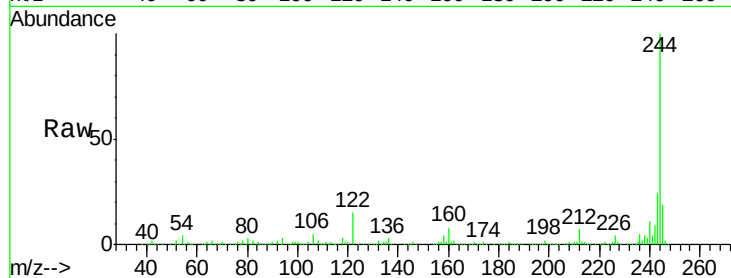
Tgt Ion:244 Resp: 866302

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

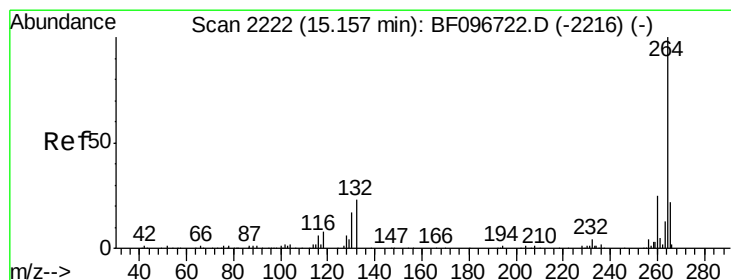
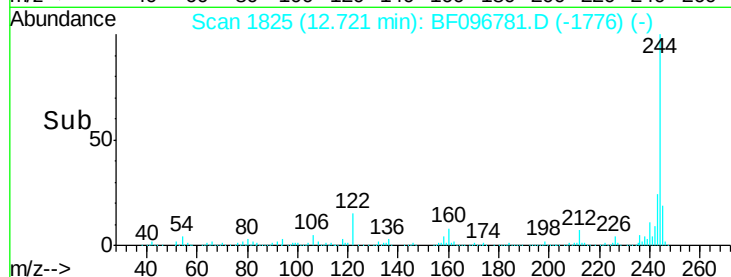
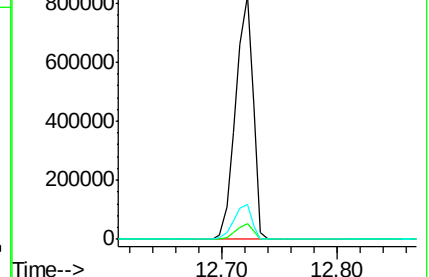
122 14.6 10.3 15.5



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: 20.000 ng

RT: 15.14 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF096781.D

Acq: 14 Jul 2017 19:42

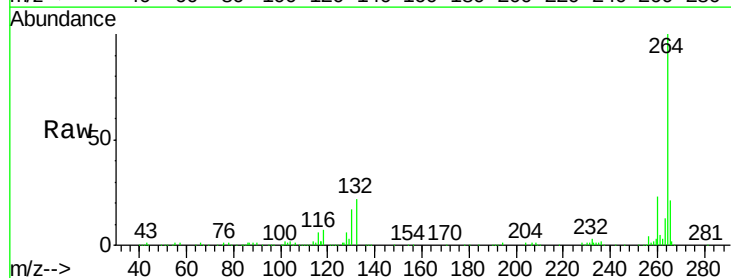
Tgt Ion:264 Resp: 208262

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.3 17.2 25.8



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

