

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096381.D
 Acq On : 1 Jul 2017 16:18
 Operator : SJ/MA
 Sample : I3908-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-55-0-1.5

Quant Time: Jul 03 02:14:36 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165383	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	695920	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	276054	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	420837	20.00	ng	0.00
75) Chrysene-d12	13.87	240	284889	20.00	ng	-0.01
86) Perylene-d12	15.28	264	285977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	17975	1.60	ng	-0.01
7) Phenol-d6	6.36	99	26970	1.96	ng	-0.02
23) Nitrobenzene-d5	7.29	82	15352	1.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	3489	1.62	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	30044	1.86	ng	-0.01
78) Terphenyl-d14	12.82	244	14807	1.11	ng	-0.01

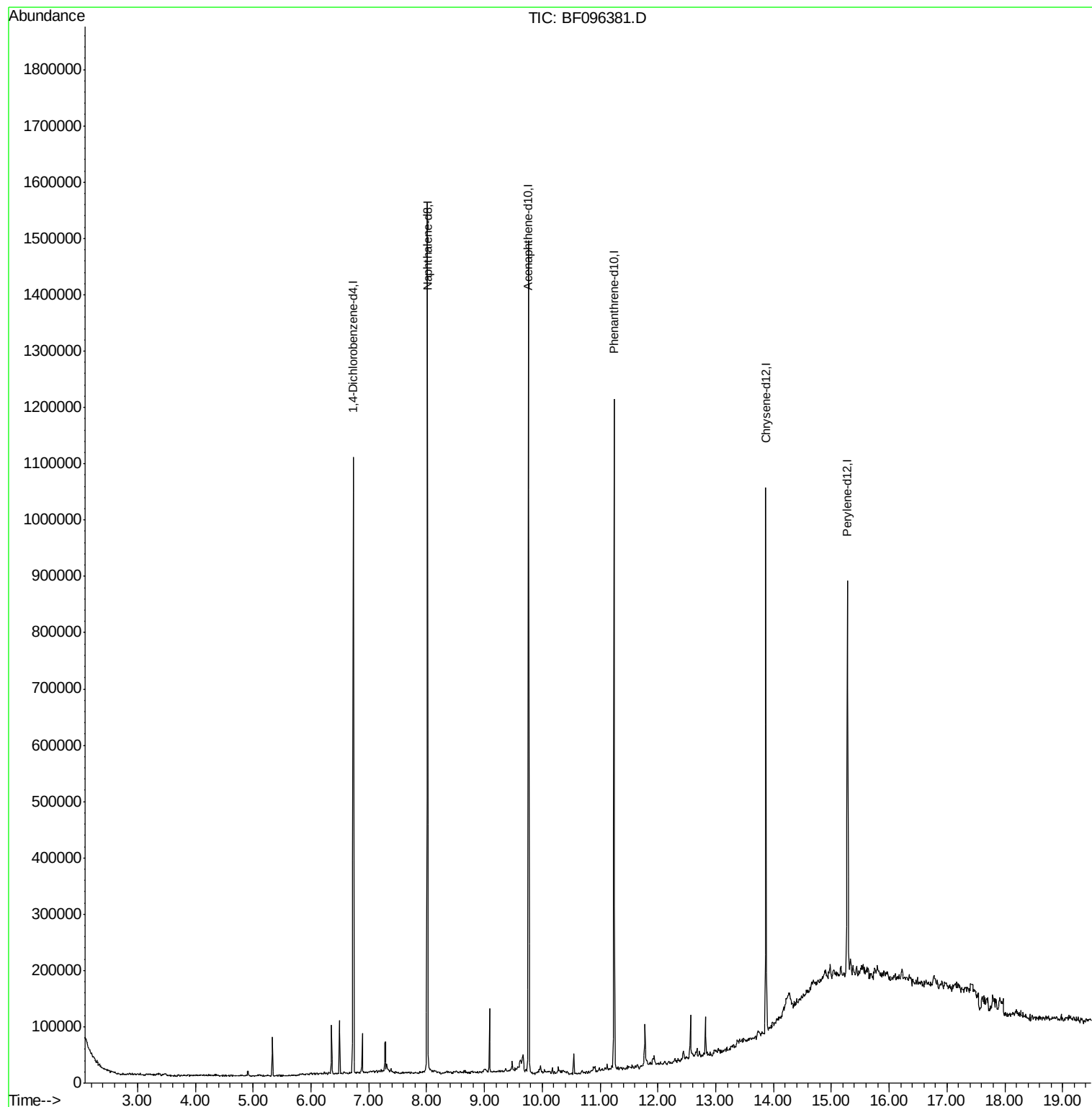
Target Compounds	Qvalue
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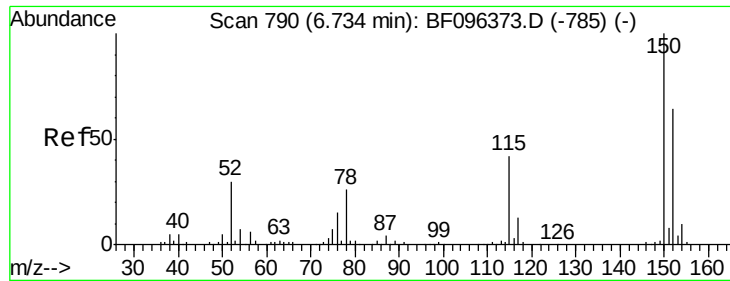
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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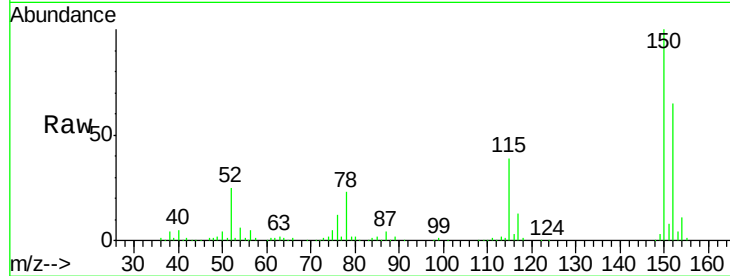


#1

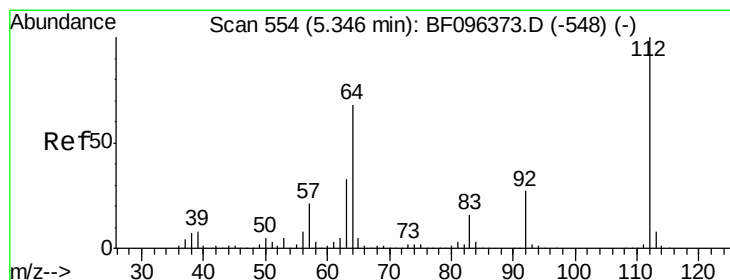
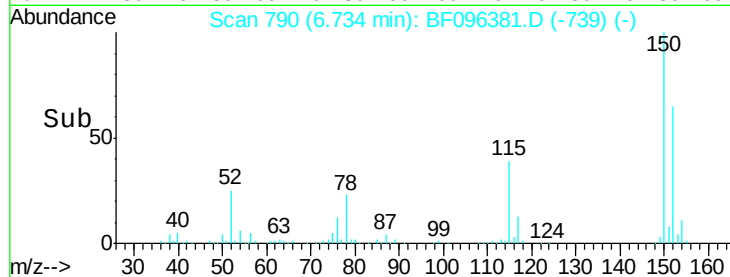
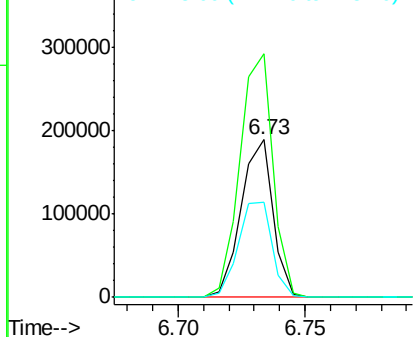
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096381.D
Acq: 1 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
G-55-0-1.5

Tgt Ion:152 Resp: 165383
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 60.8 52.2 78.2



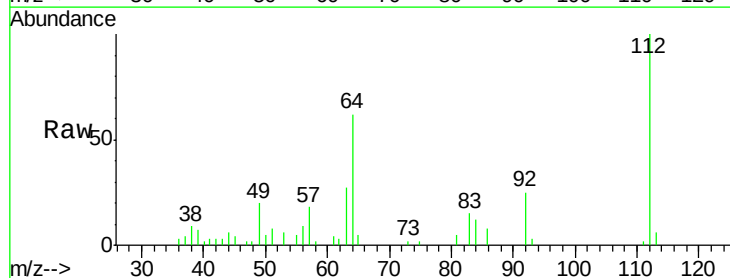
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



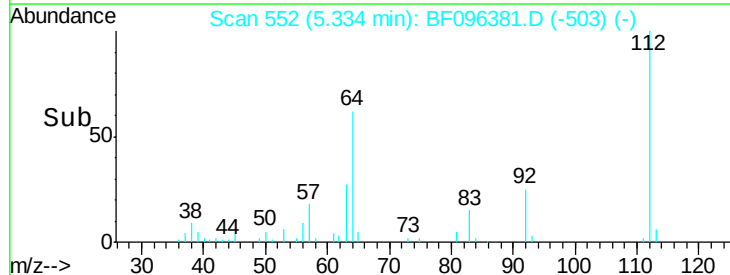
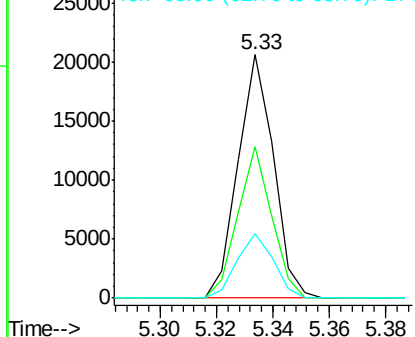
#5

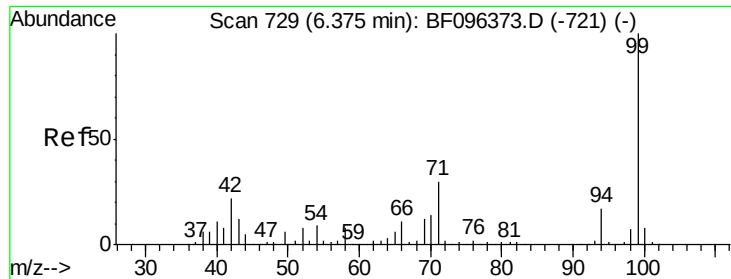
2-Fluorophenol
Concen: 1.604 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF096381.D
Acq: 1 Jul 2017 16:18

Tgt Ion:112 Resp: 17975
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 26.6 23.4 35.0



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: 1.958 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

G-55-0-1.5

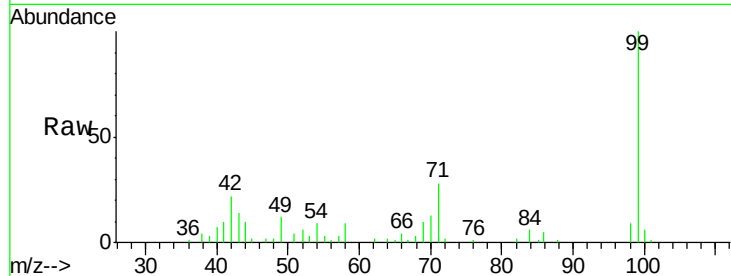
Tgt Ion: 99 Resp: 26970

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

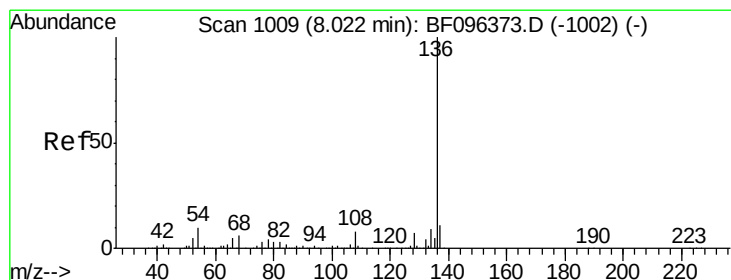
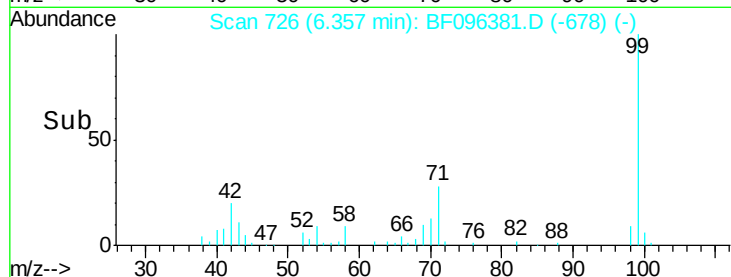
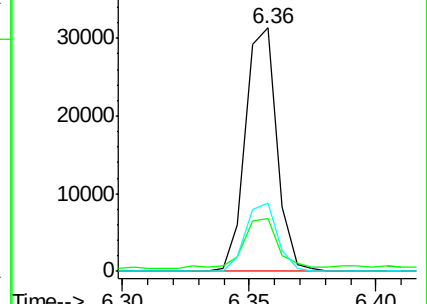
71 28.2 24.5 36.7



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Tgt Ion: 136 Resp: 695920

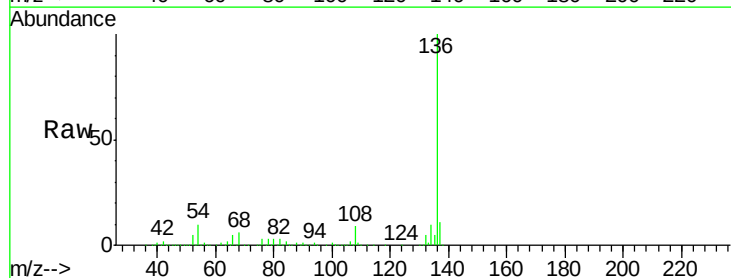
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.9 4.9 7.3#

68 5.7 4.1 6.1

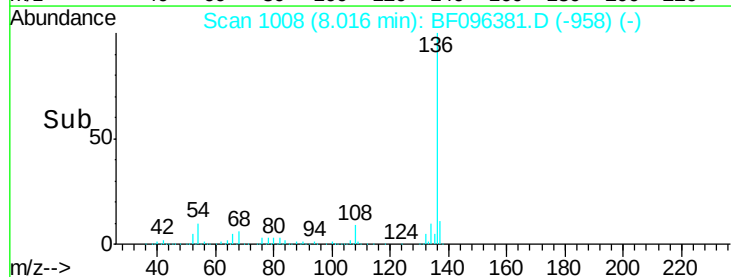
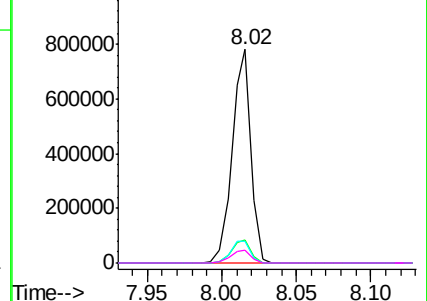


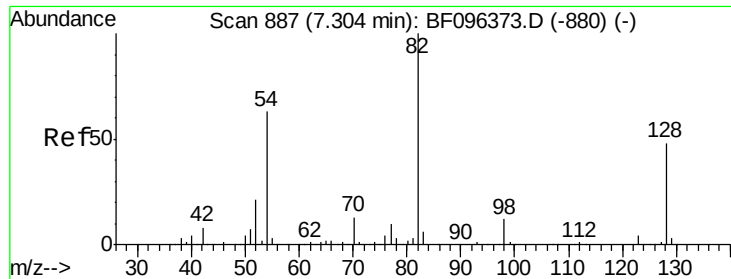
Abundance Ion 136.00 (135.70 to 136.70): E

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

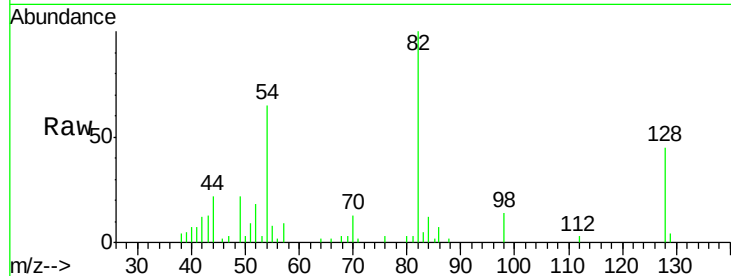




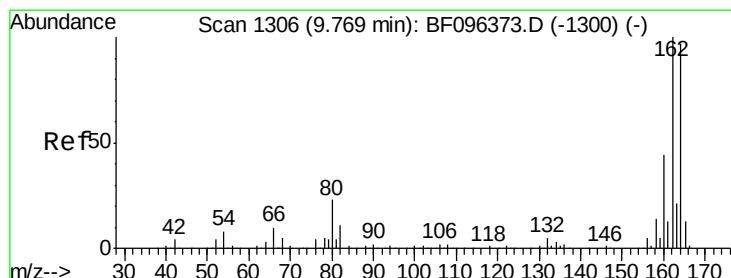
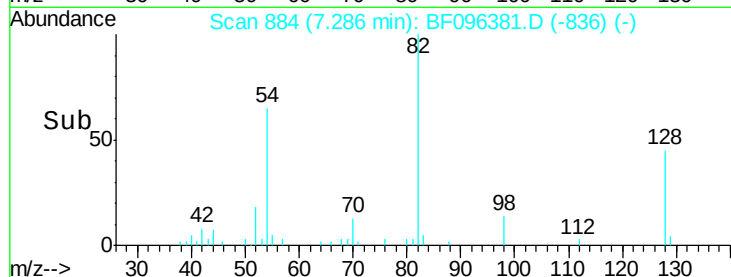
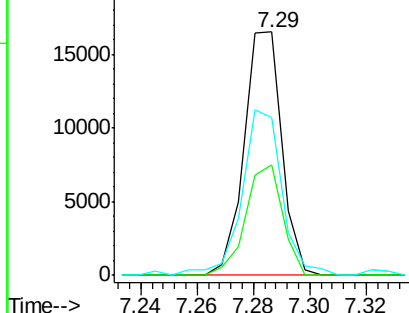
#23
 Nitrobenzene-d5
 Concen: 1.326 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096381.D
 Acq: 1 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 G-55-0-1.5

Tgt Ion: 82 Resp: 15352
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 64.8 42.2 63.2#

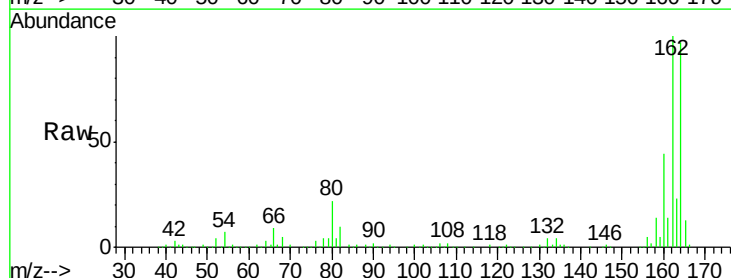


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

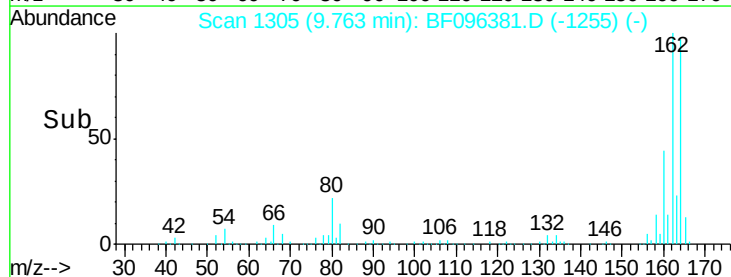
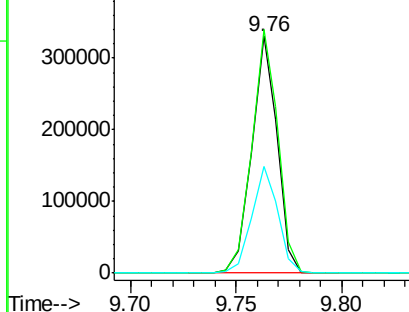


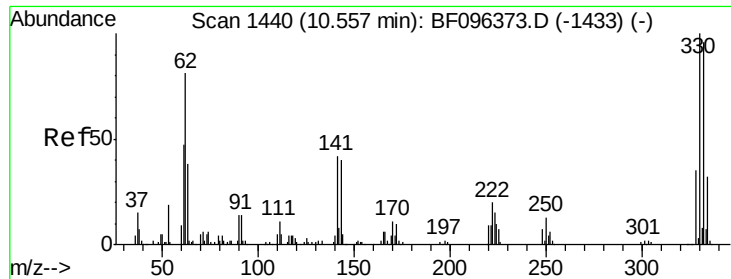
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096381.D
 Acq: 1 Jul 2017 16:18

Tgt Ion: 164 Resp: 276054
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

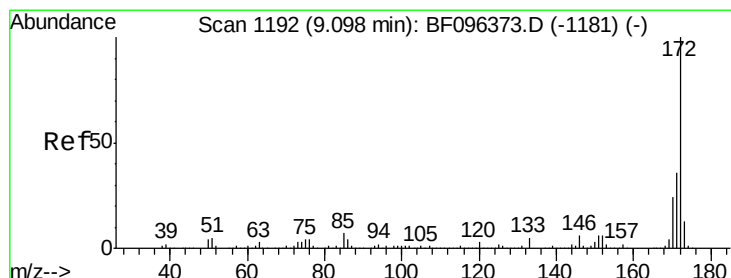
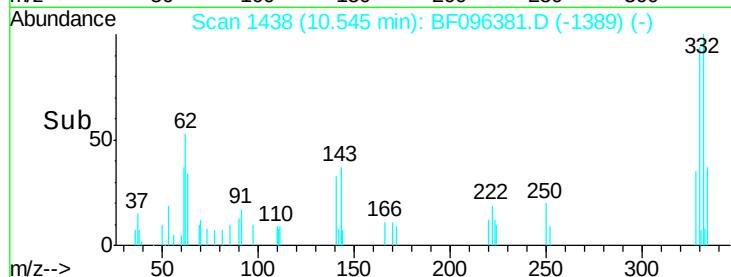
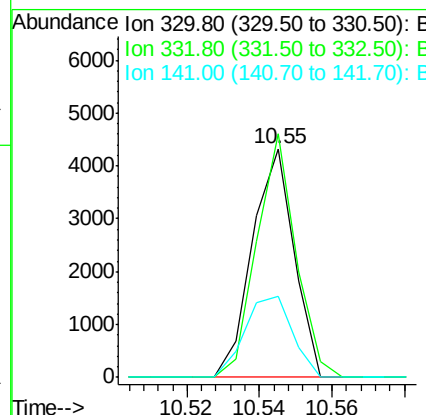
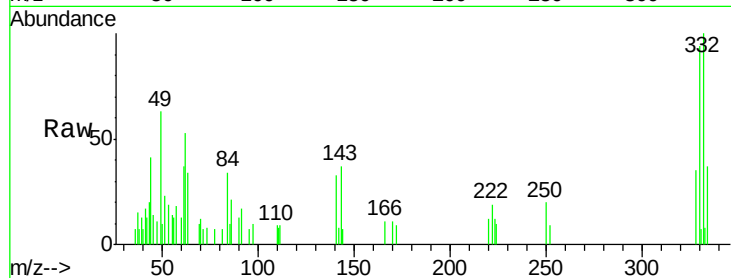




#41
 2,4,6-Tribromophenol
 Concen: 1.618 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096381.D
 Acq: 1 Jul 2017 16:18

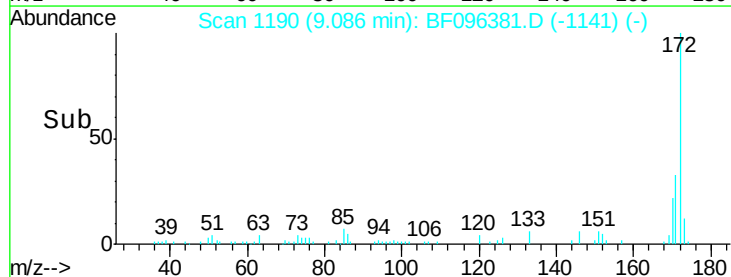
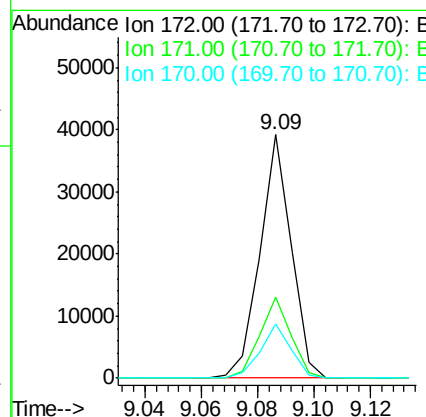
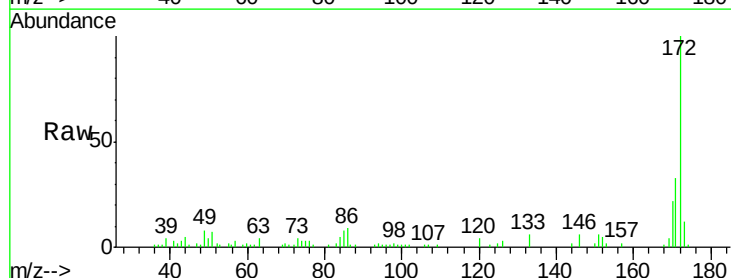
Instrument :
 BNA_F
 ClientSampleId :
 G-55-0-1.5

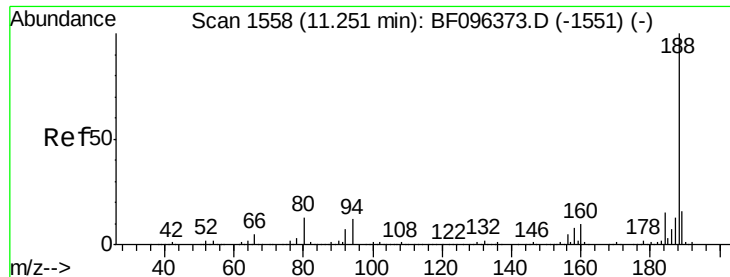
Tgt Ion: 330 Resp: 3489
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 115.0
 141 40.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 1.861 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096381.D
 Acq: 1 Jul 2017 16:18

Tgt Ion: 172 Resp: 30044
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.6 44.4
 170 22.4 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

G-55-0-1.5

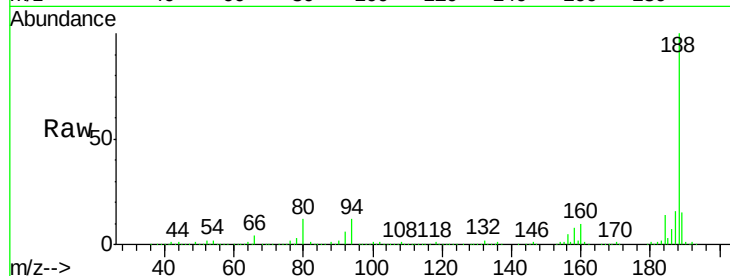
Tgt Ion:188 Resp: 420837

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

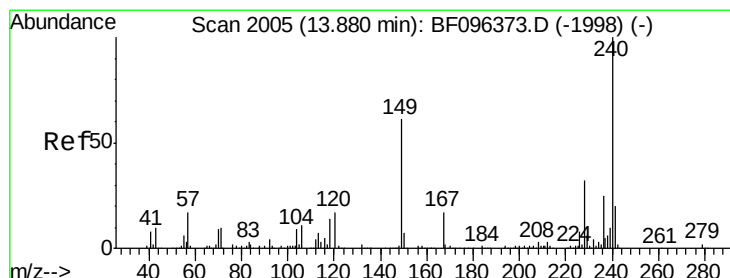
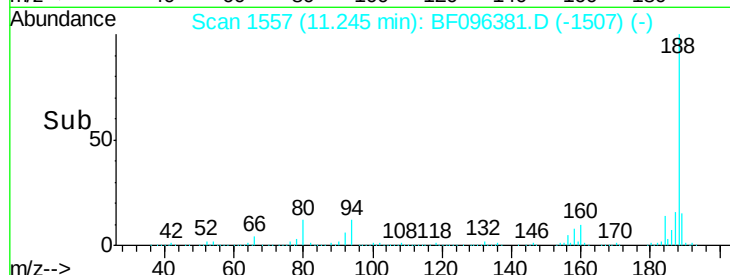
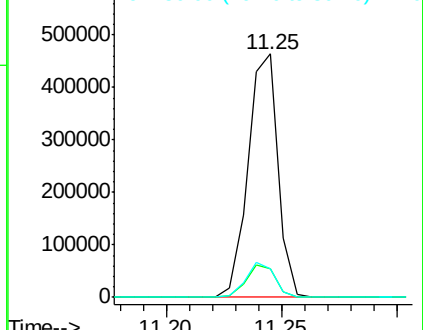
80 11.6 10.2 15.2



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

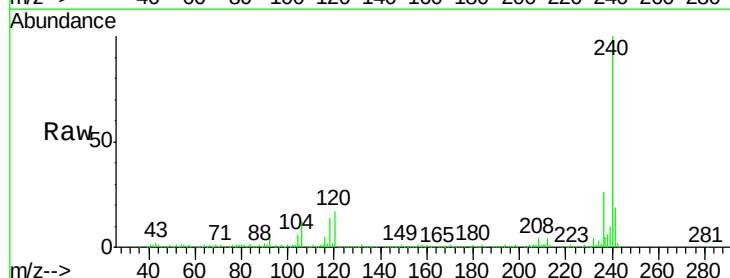
Tgt Ion:240 Resp: 284889

Ion Ratio Lower Upper

240 100

120 16.9 5.8 8.8#

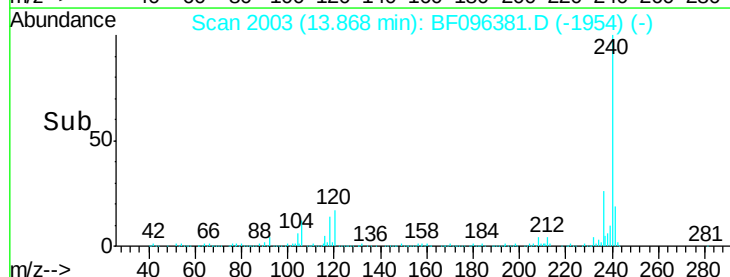
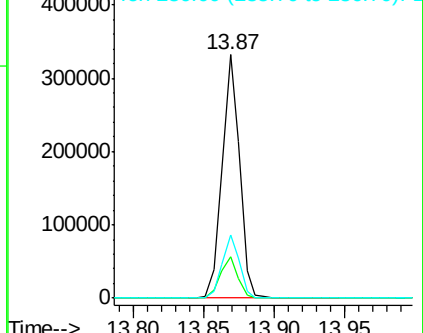
236 26.1 20.5 30.7

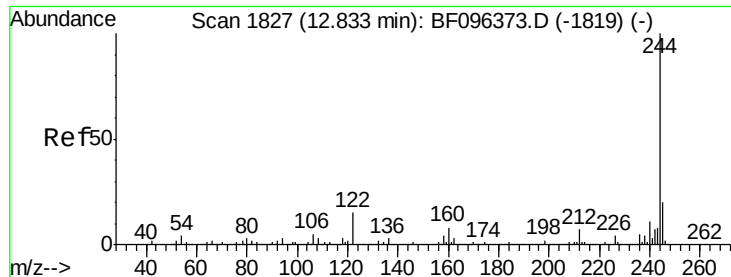


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.111 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

G-55-0-1.5

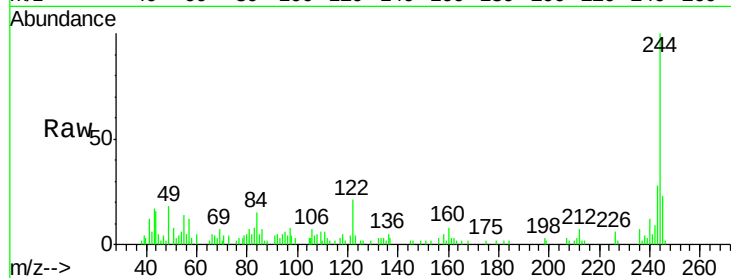
Tgt Ion:244 Resp: 14807

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

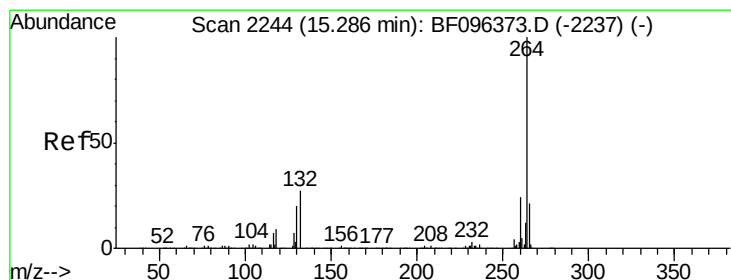
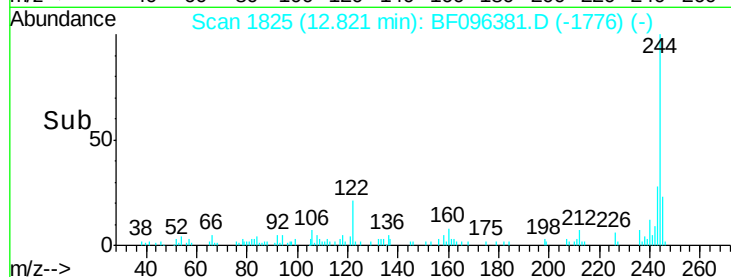
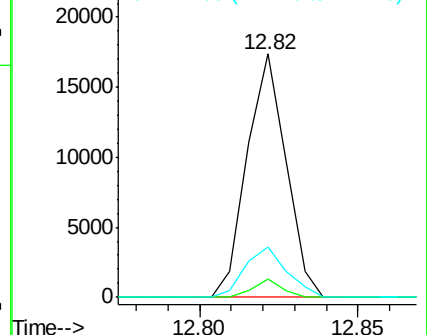
122 20.8 10.3 15.5#



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF096381.D

Acq: 1 Jul 2017 16:18

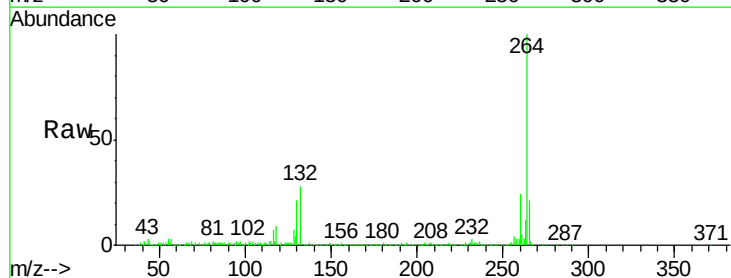
Tgt Ion:264 Resp: 285977

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.2 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

