

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096651.D
 Acq On : 11 Jul 2017 18:26
 Operator : SJ/JU
 Sample : I4113-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Jul 12 02:52:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

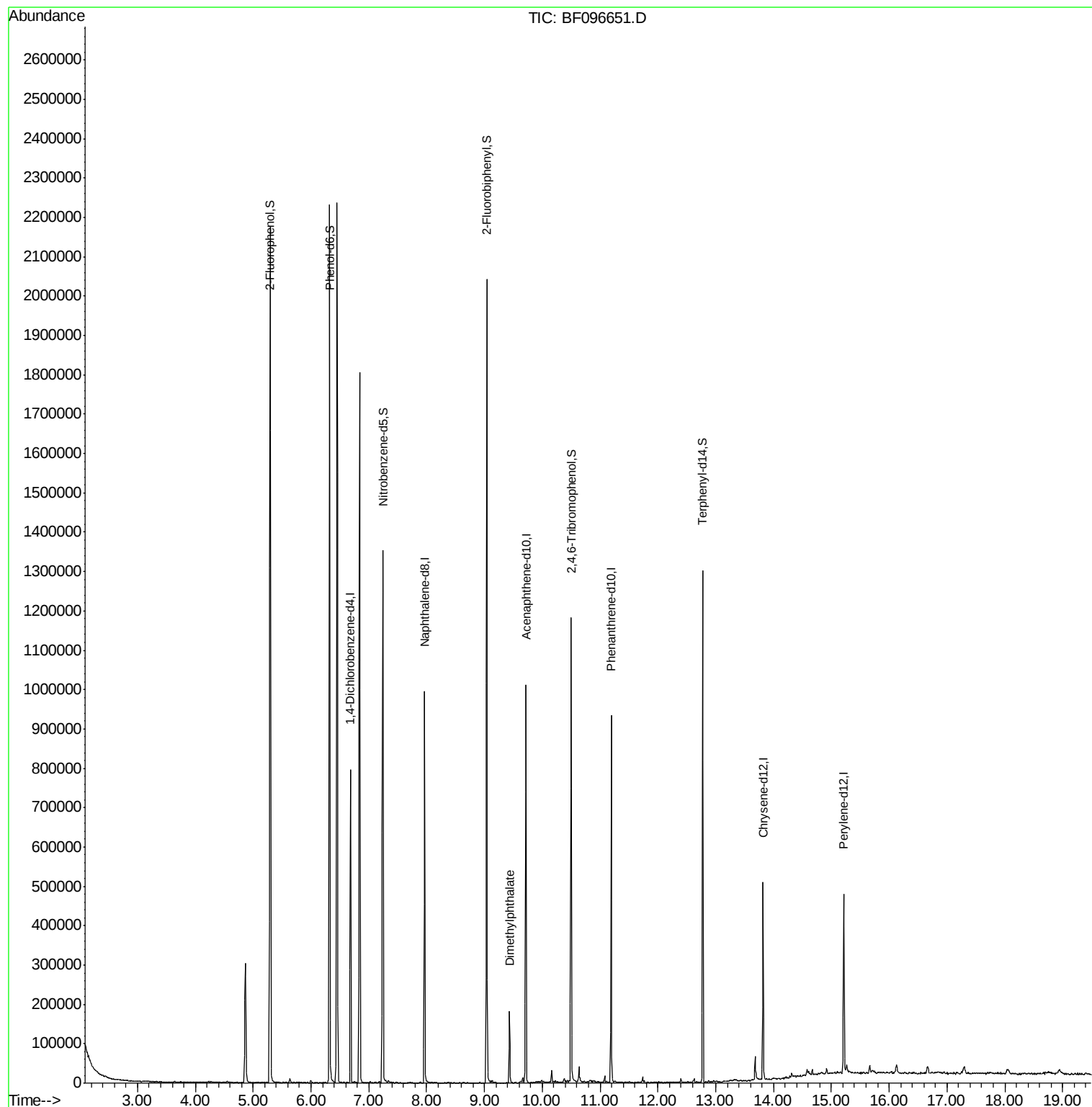
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	116037	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	455662	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	190913	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	303133	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	176434	20.00	ng	-0.02
86) Perylene-d12	15.22	264	186999	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	592233	75.33	ng	-0.02
7) Phenol-d6	6.32	99	714345	73.91	ng	-0.02
23) Nitrobenzene-d5	7.25	82	423454	55.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	123621	82.90	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	662778	59.36	ng	-0.02
78) Terphenyl-d14	12.77	244	363146	43.98	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.43	163	68107	4.779	ng	Qvalue 97

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

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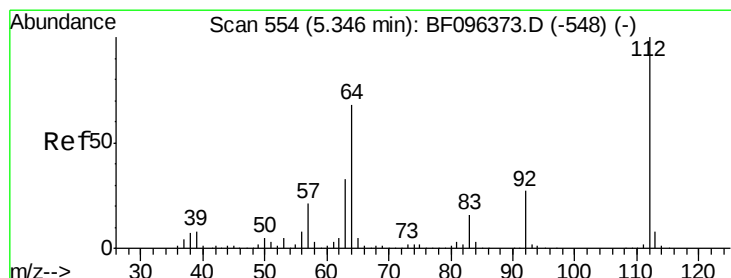
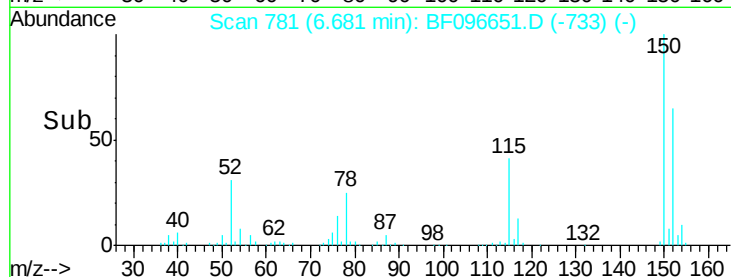
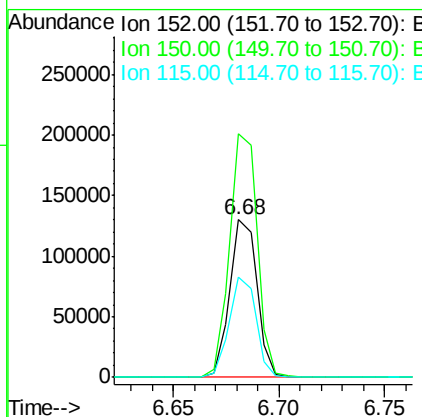
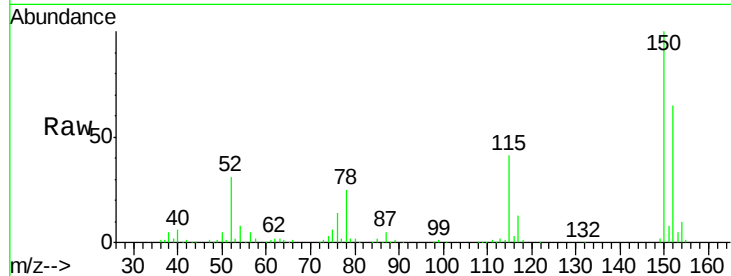




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

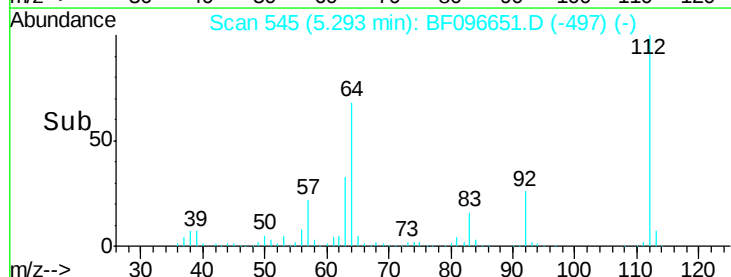
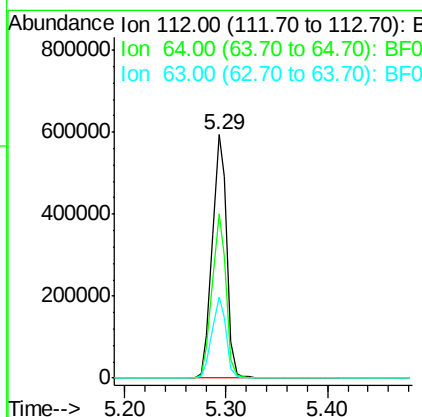
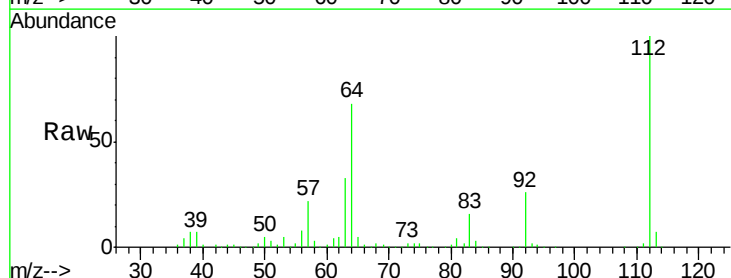
Instrument :
 BNA_F
 ClientSampled :
 SB-6

Tgt Ion:152 Resp: 116037
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.2
 115 63.3 52.2 78.2



#5
 2-Fluorophenol
 Concen: 75.331 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Tgt Ion:112 Resp: 592233
 Ion Ratio Lower Upper
 112 100
 64 67.7 46.0 69.0
 63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 73.911 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampled :

SB-6

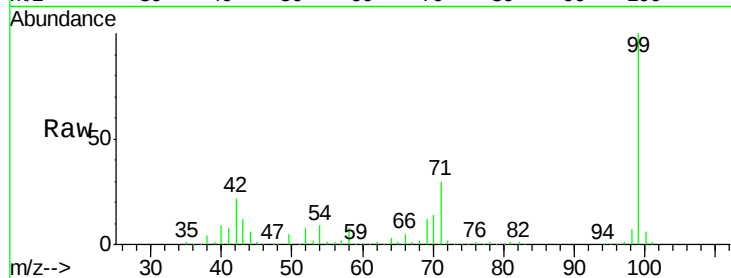
Tgt Ion: 99 Resp: 714345

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

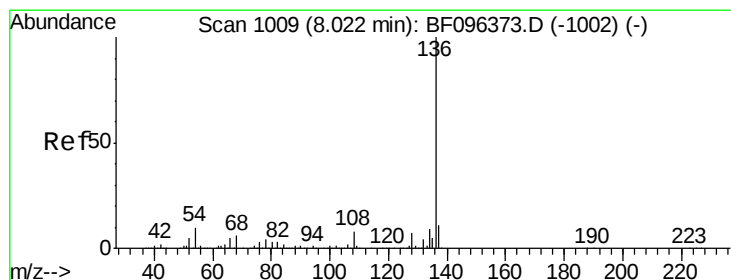
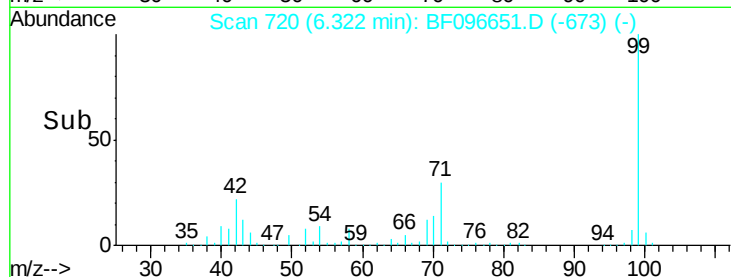
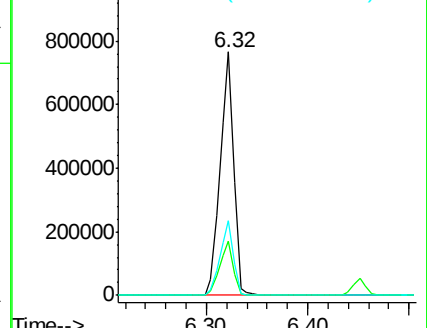
71 30.5 24.5 36.7



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: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Tgt Ion: 136 Resp: 455662

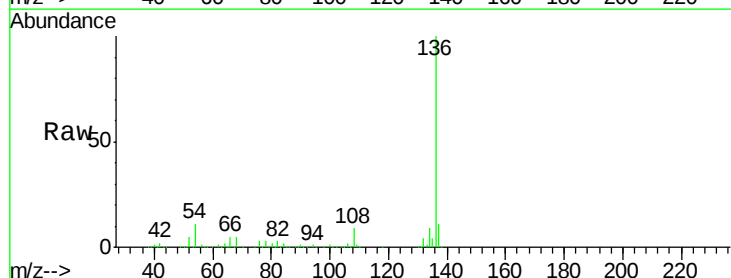
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.7 4.9 7.3#

68 5.2 4.1 6.1

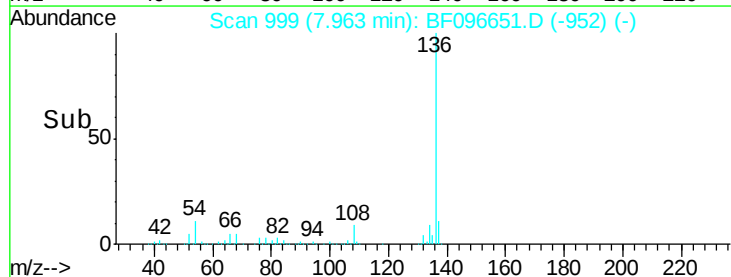
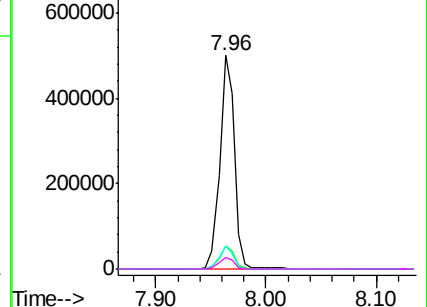


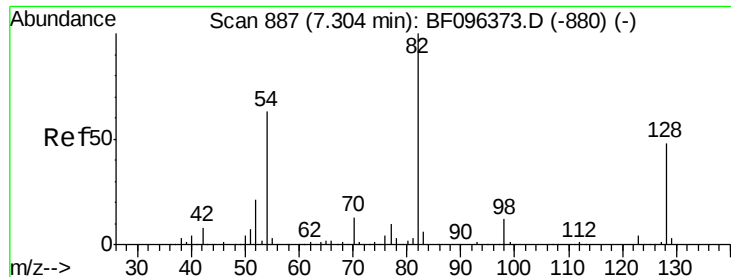
Abundance Ion 136.00 (135.70 to 136.70): E

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

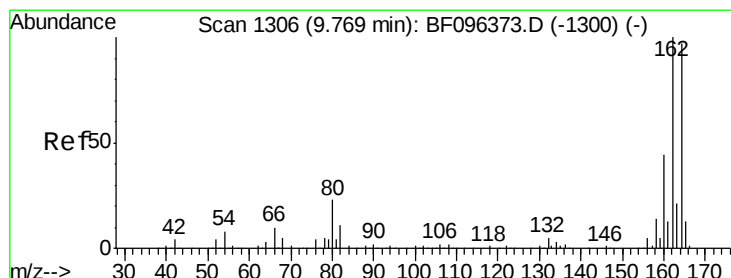
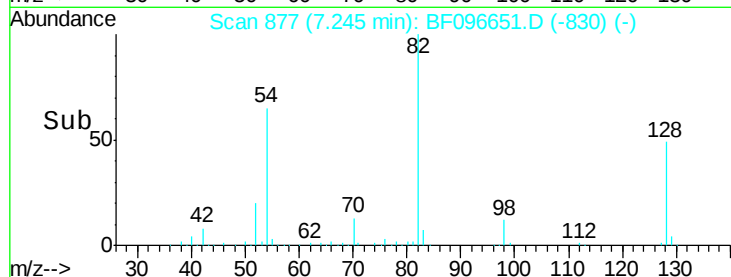
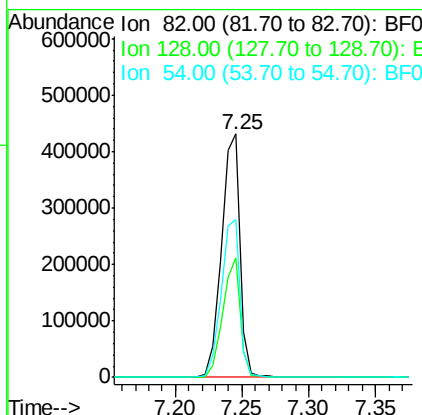
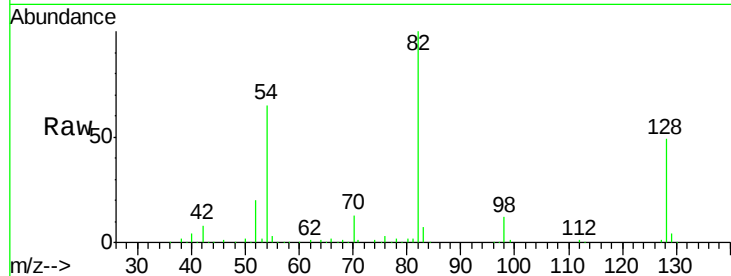




#23
 Nitrobenzene-d5
 Concen: 55.843 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

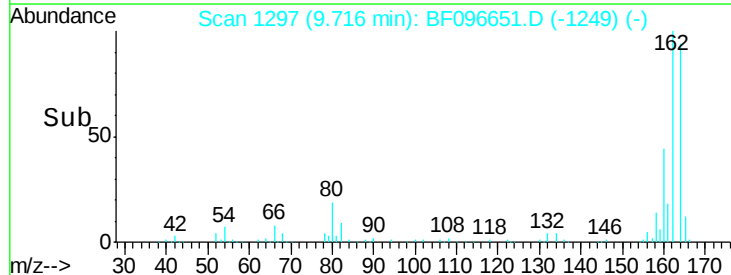
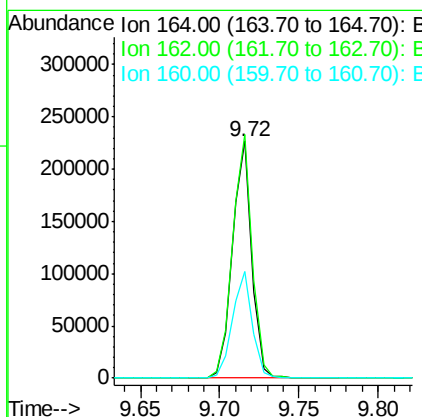
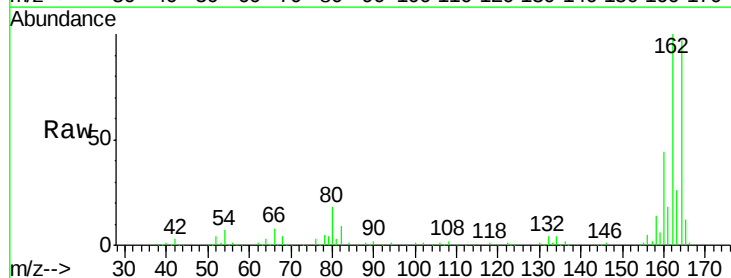
Instrument :
 BNA_F
 ClientSampleId :
 SB-6

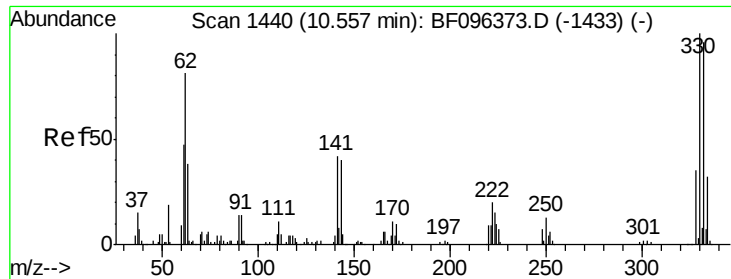
Tgt Ion: 82 Resp: 423454
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 64.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Tgt Ion:164 Resp: 190913
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.1 36.2 54.2

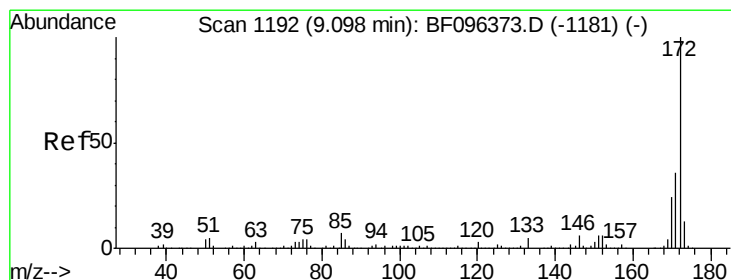
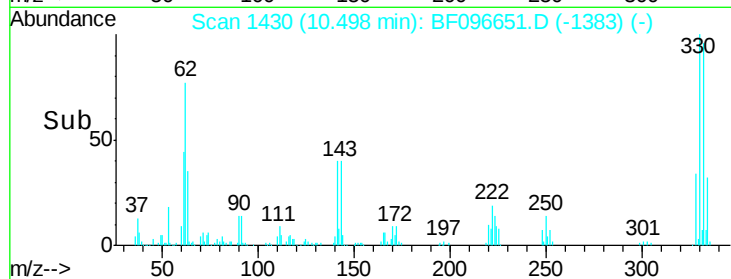
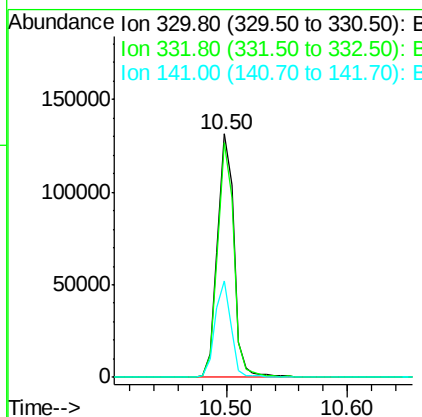
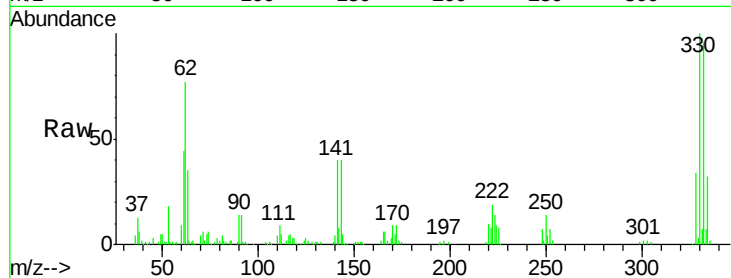




#41
 2,4,6-Tribromophenol
 Concen: 82.897 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

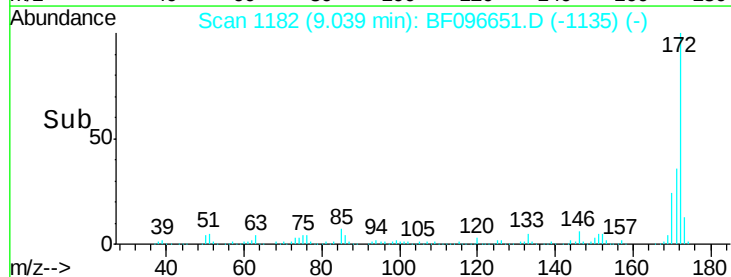
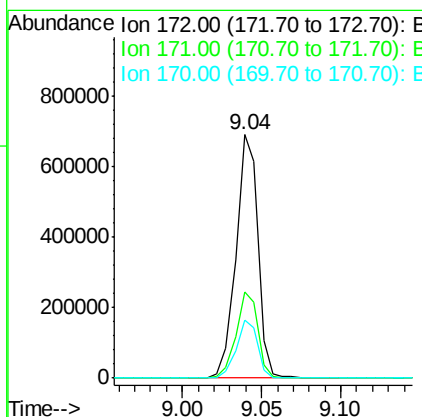
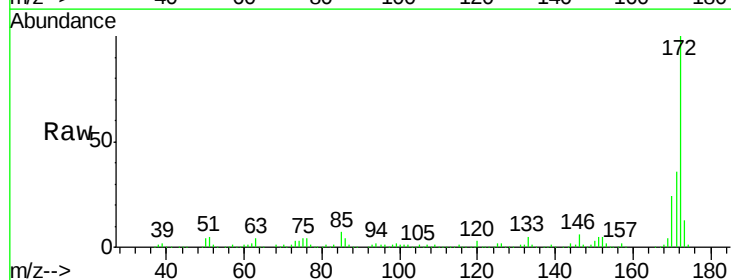
Instrument :
 BNA_F
 ClientSampleId :
 SB-6

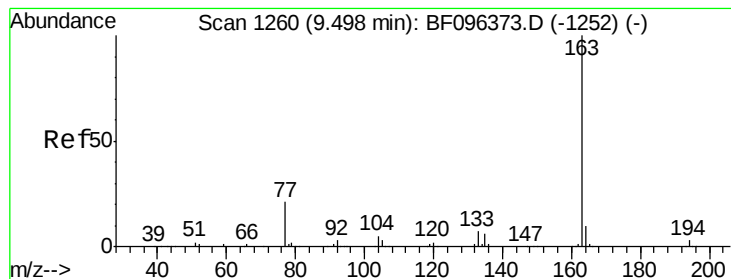
Tgt Ion: 330 Resp: 123621
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 38.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 59.357 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096651.D
 Acq: 11 Jul 2017 18:26

Tgt Ion: 172 Resp: 662778
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 4.779 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

SB-6

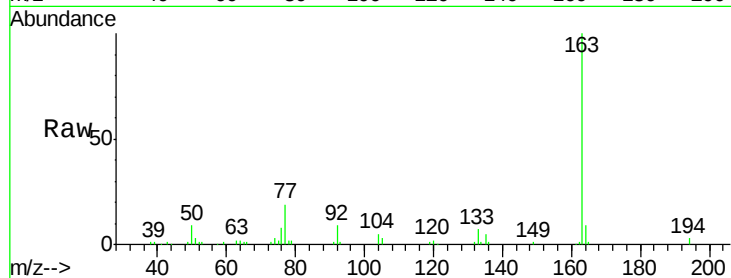
Tgt Ion:163 Resp: 68107

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

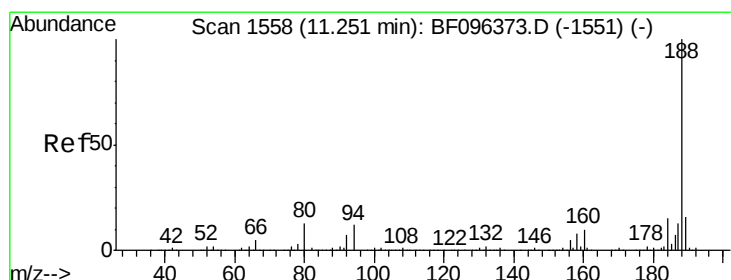
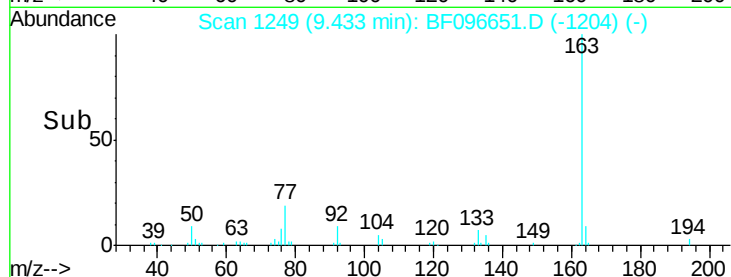
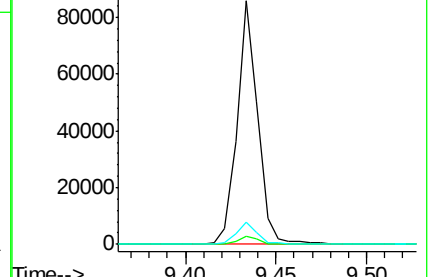
164 9.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

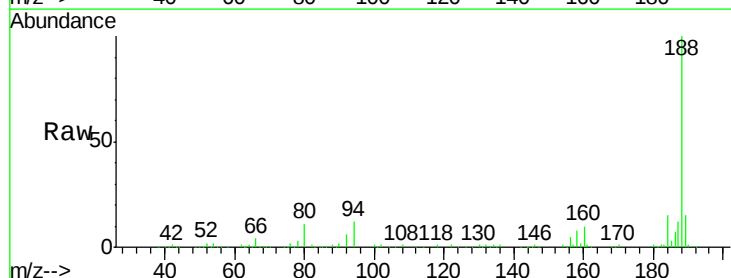
Tgt Ion:188 Resp: 303133

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

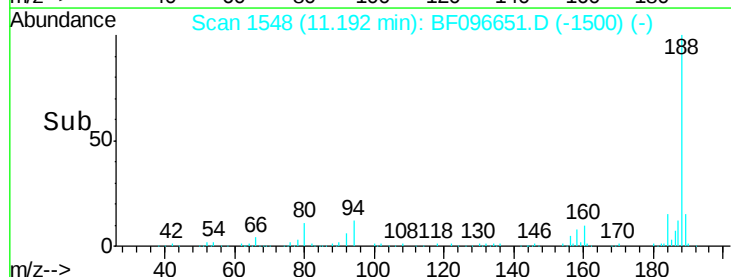
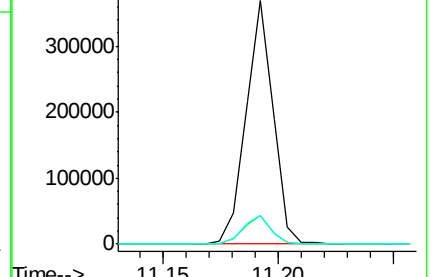
80 11.5 10.2 15.2

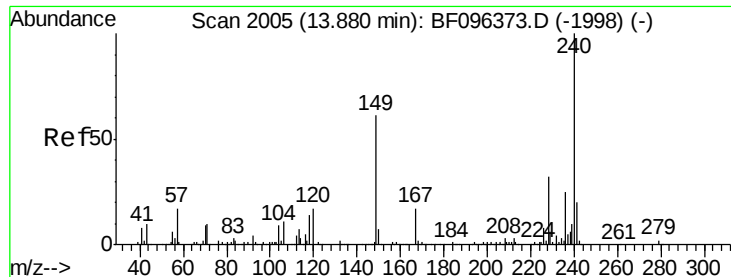


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

SB-6

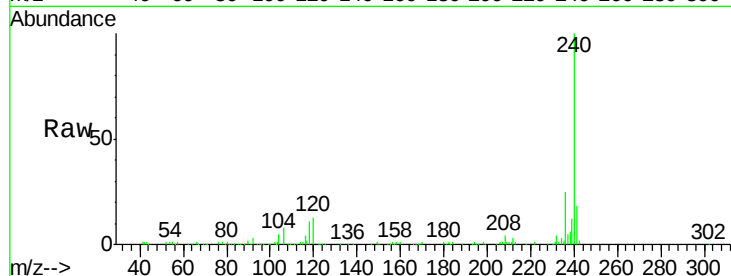
Tgt Ion:240 Resp: 176434

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

236 25.1 20.5 30.7

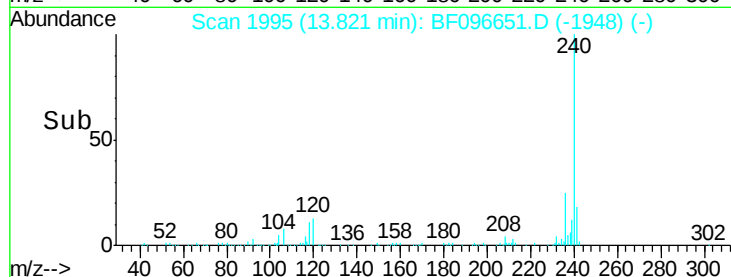


Abundance Ion 240.00 (239.70 to 240.70): E

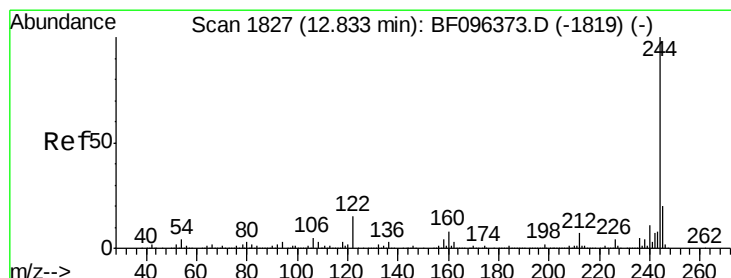
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.82



Time--> 13.75 13.80 13.85 13.90



#78

Terphenyl-d14

Concen: 43.982 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096651.D

Acq: 11 Jul 2017 18:26

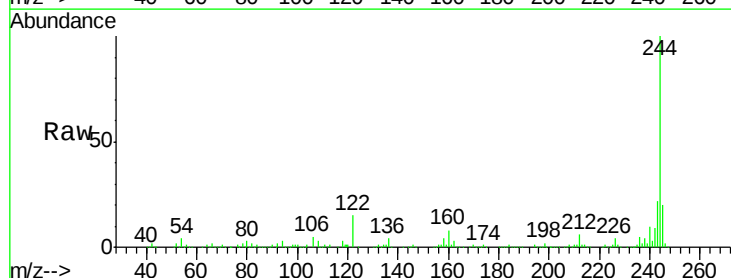
Tgt Ion:244 Resp: 363146

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

122 15.2 10.3 15.5

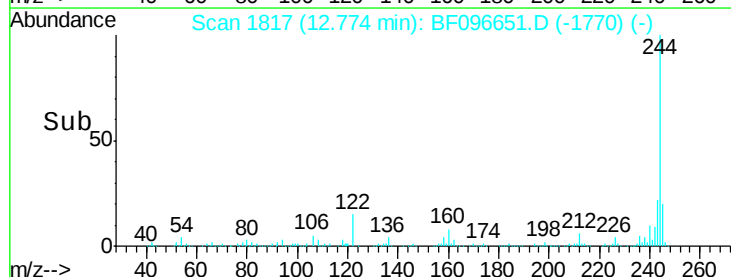


Abundance Ion 244.00 (243.70 to 244.70): E

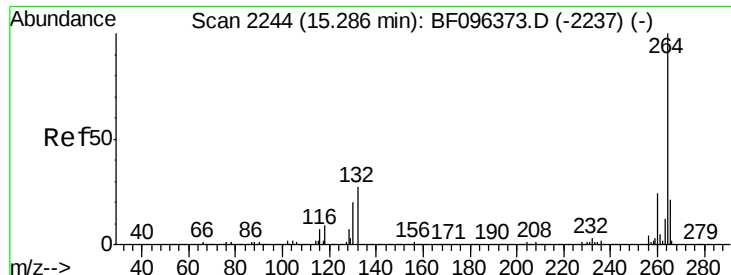
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.77



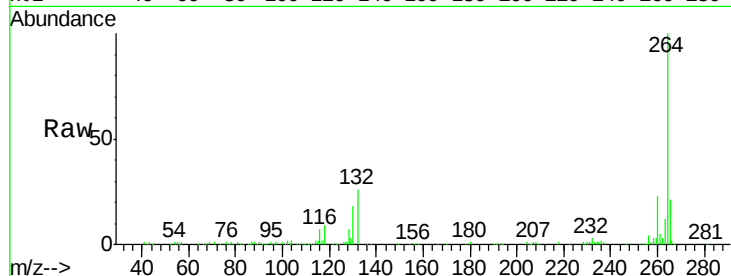
Time--> 12.70 12.80



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096651.D
Acq: 11 Jul 2017 18:26

Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.1	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

