

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096511.D
 Acq On : 6 Jul 2017 4:42
 Operator : SJ/MA
 Sample : I3975-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-4-6

Quant Time: Jul 06 06:28:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

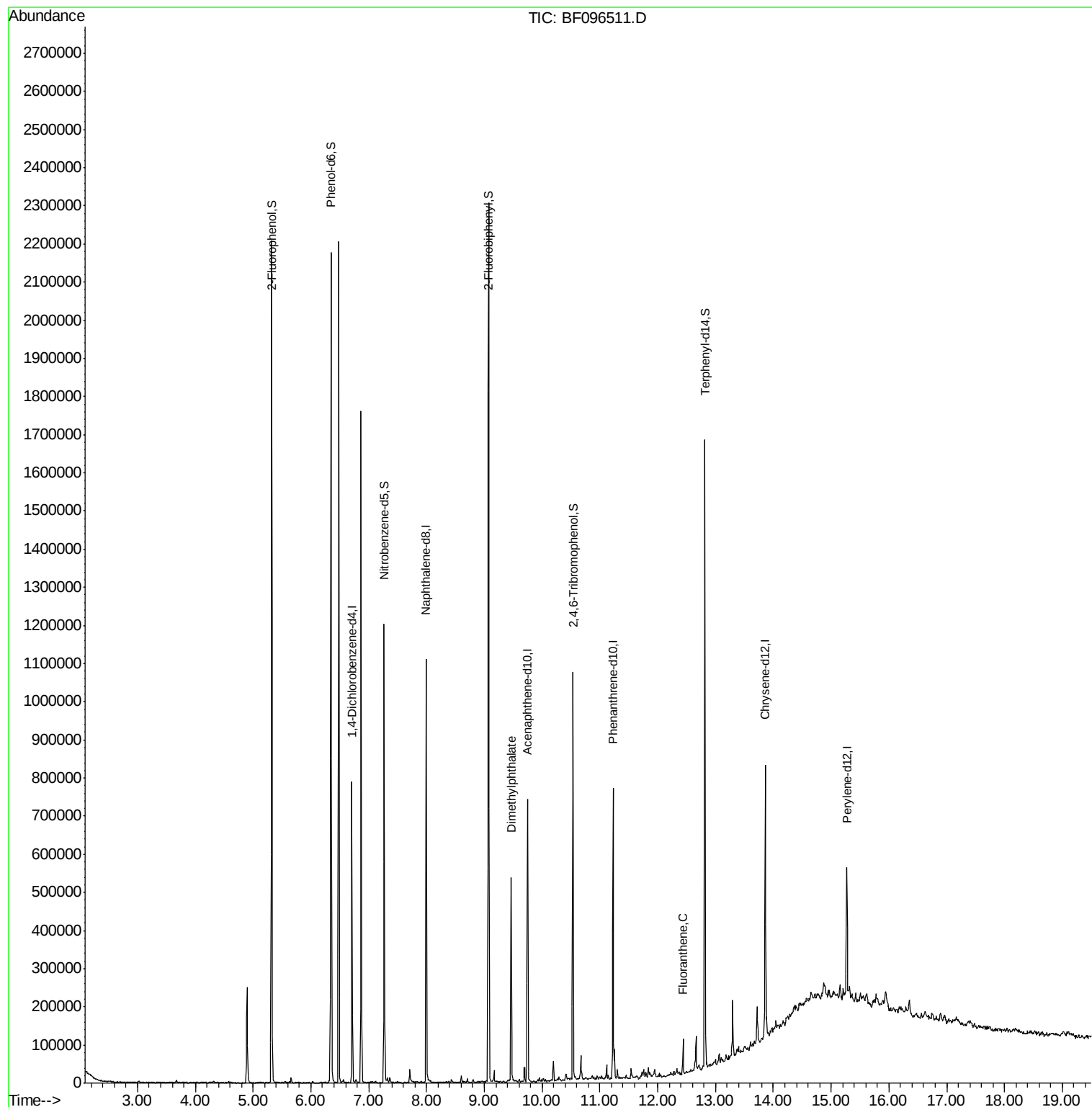
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116570	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	479884	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	153700	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	252686	20.00	ng	0.00
75) Chrysene-d12	13.86	240	231405	20.00	ng	0.00
86) Perylene-d12	15.27	264	149123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	583714	73.91	ng	0.00
7) Phenol-d6	6.35	99	704981	72.61	ng	0.00
23) Nitrobenzene-d5	7.27	82	375667	47.04	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	106200	88.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	679746	75.62	ng	0.00
78) Terphenyl-d14	12.82	244	478554	44.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	226719	19.76	ng	98
74) Fluoranthene	12.44	202	35516	2.65	ng	98

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

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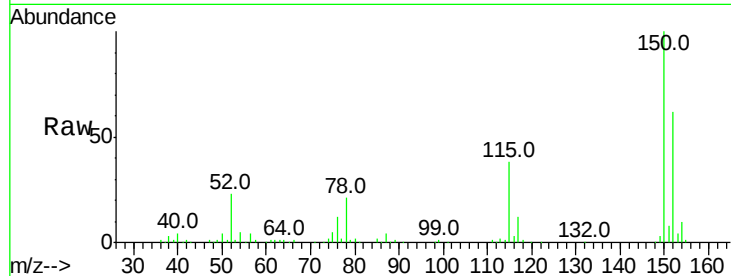


#1

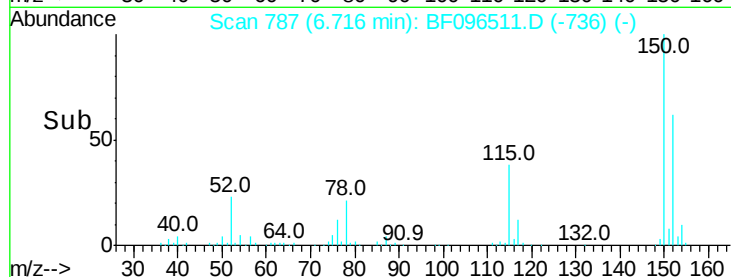
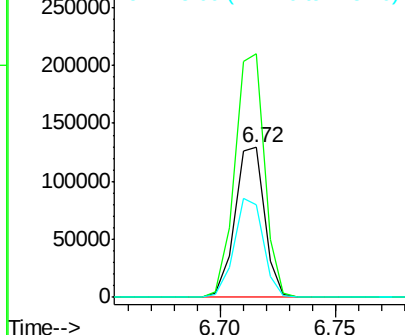
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096511.D
Acq: 6 Jul 2017 4:42

Instrument :
BNA_F
ClientSampleId :
B7-4-6

Tot Ion:152 Resp: 116570
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.2
115 61.4 52.2 78.2



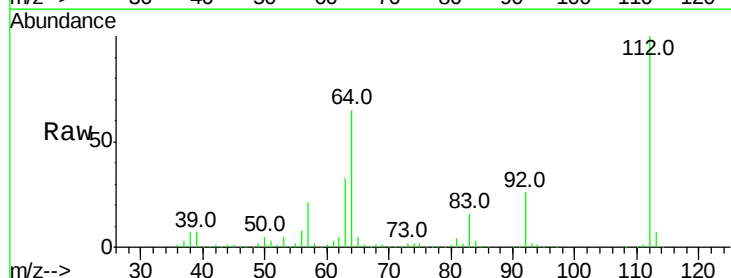
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



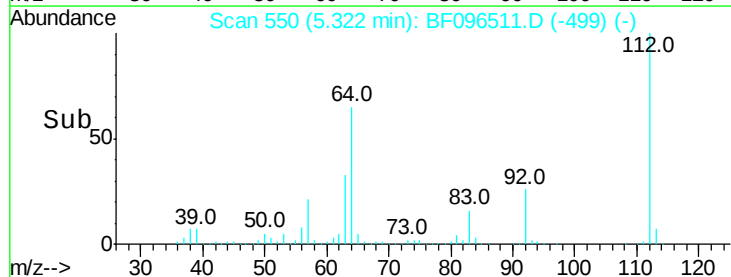
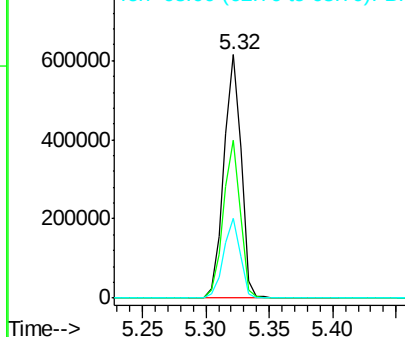
#5

2-Fluorophenol
Concen: 73.91 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF096511.D
Acq: 6 Jul 2017 4:42

Tgt Ion:112 Resp: 583714
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 32.9 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: 72.61 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096511.D

Acq: 6 Jul 2017 4:42

Instrument :

BNA_F

ClientSampleId :

B7-4-6

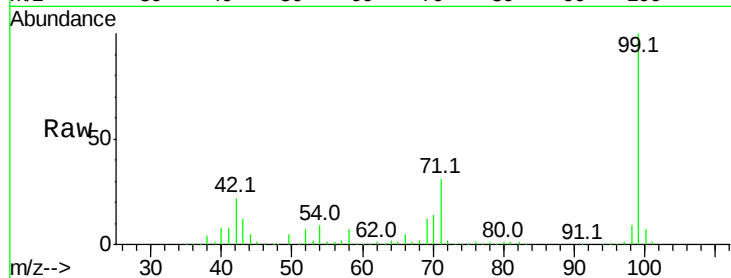
Tot Ion: 99 Resp: 704981

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

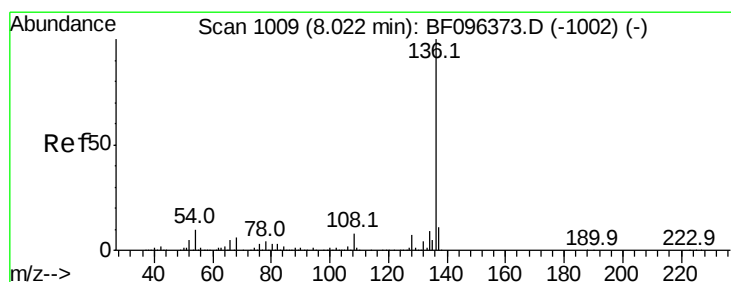
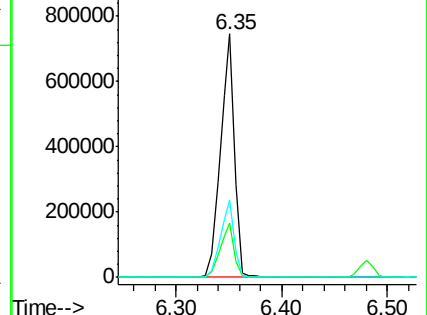
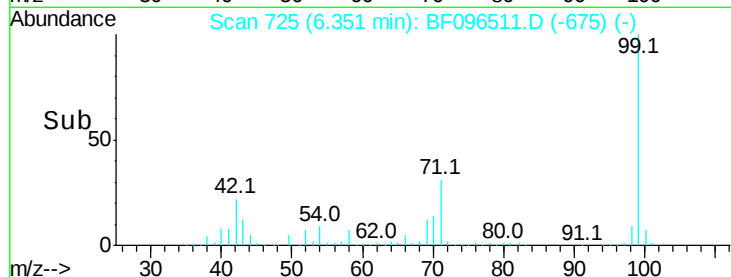
71 31.5 24.5 36.7



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: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096511.D

Acq: 6 Jul 2017 4:42

Tgt Ion: 136 Resp: 479884

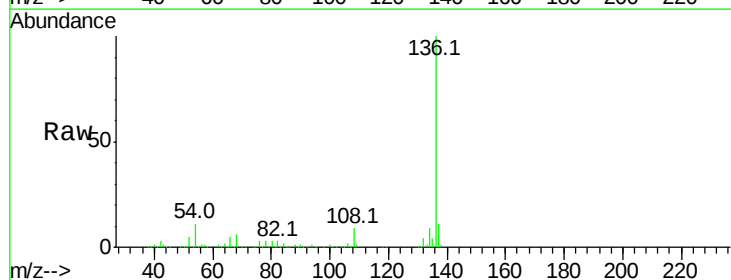
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.0 4.9 7.3#

68 5.8 4.1 6.1

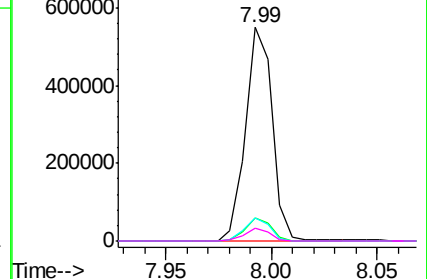
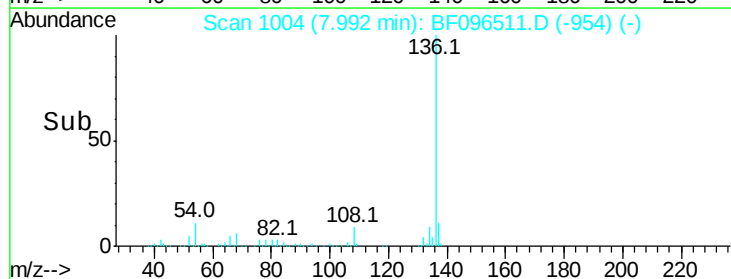


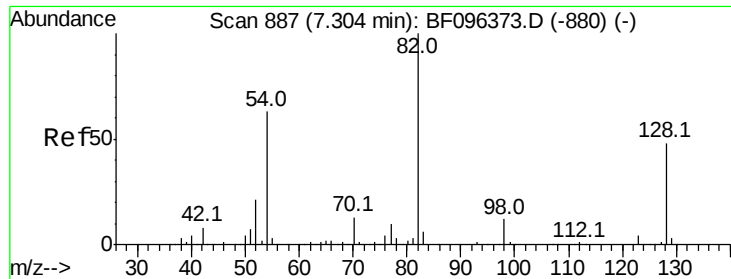
Abundance Ion 136.00 (135.70 to 136.70): E

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

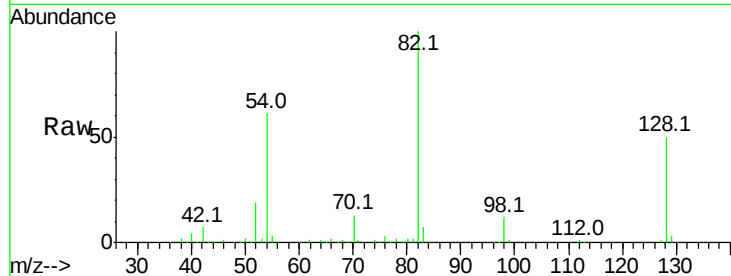




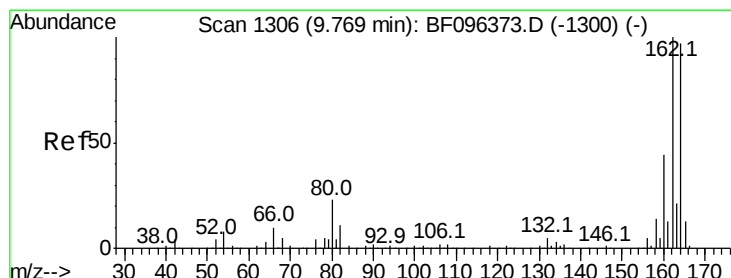
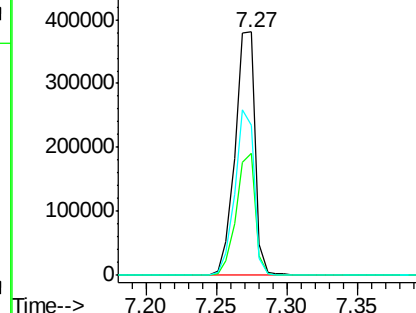
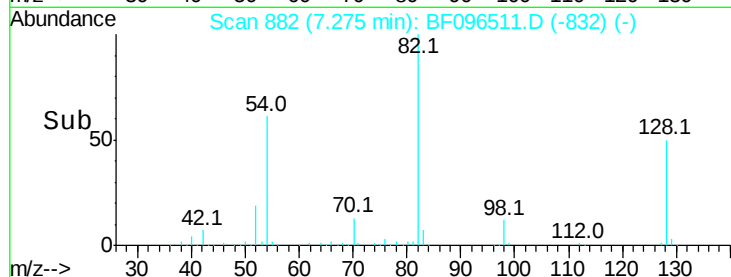
#23
Nitrobenzene-d5
Concen: 47.04 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096511.D
Acq: 6 Jul 2017 4:42

Instrument :
BNA_F
ClientSampled :
B7-4-6

Tot Ion: 82 Resp: 375667
Ion Ratio Lower Upper
82 100
128 50.3 34.0 51.0
54 61.4 42.2 63.2

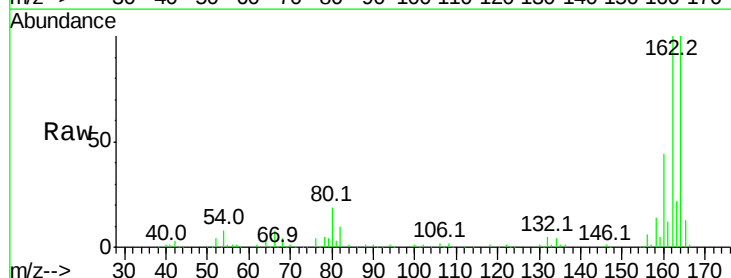


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

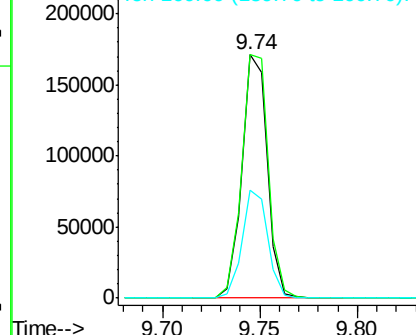
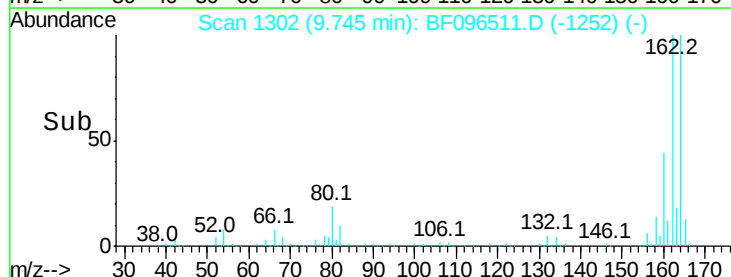


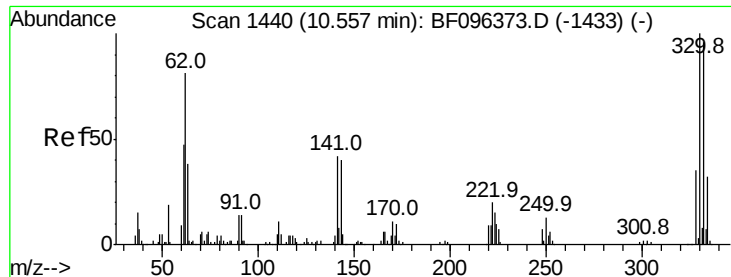
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096511.D
Acq: 6 Jul 2017 4:42

Tgt Ion:164 Resp: 153700
Ion Ratio Lower Upper
164 100
162 100.0 82.6 123.8
160 44.3 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

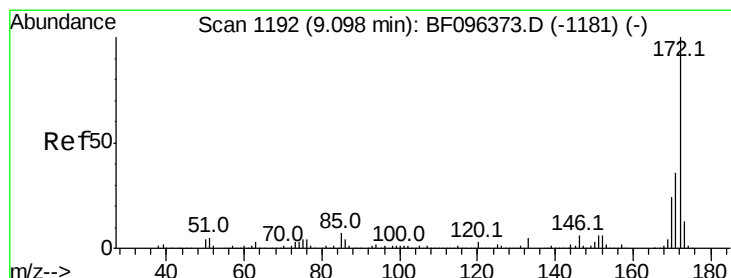
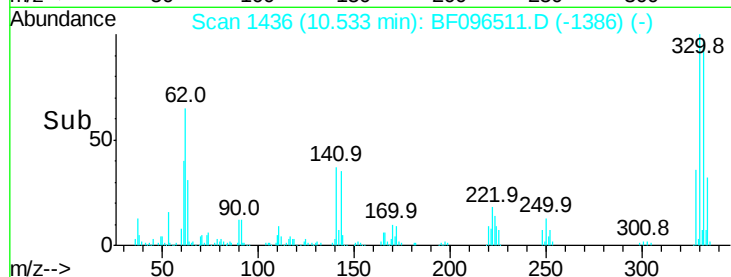
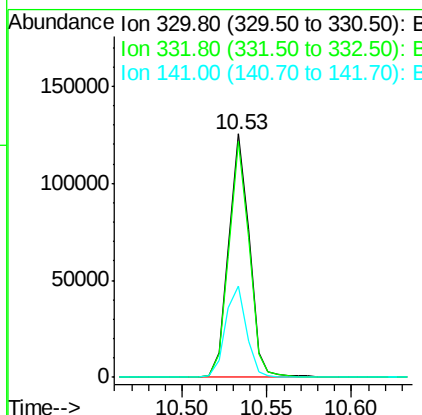
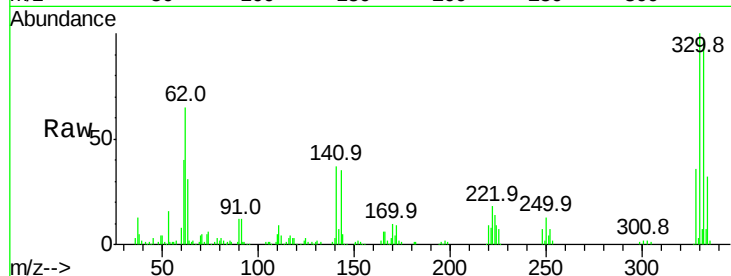




#41
 2,4,6-Tribromophenol
 Concen: 88.46 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096511.D
 Acq: 6 Jul 2017 4:42

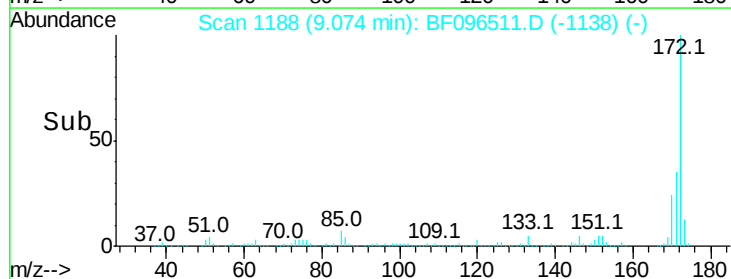
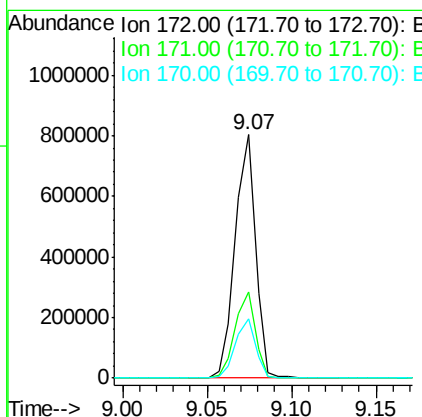
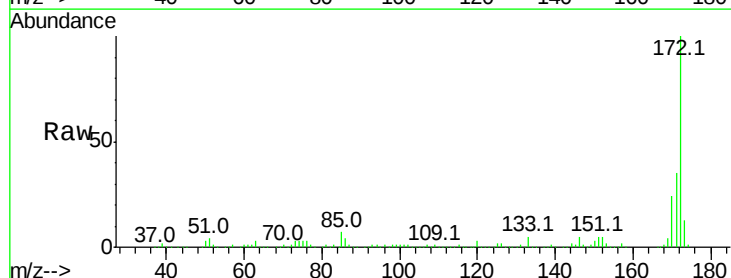
Instrument :
 BNA_F
 ClientSampleId :
 B7-4-6

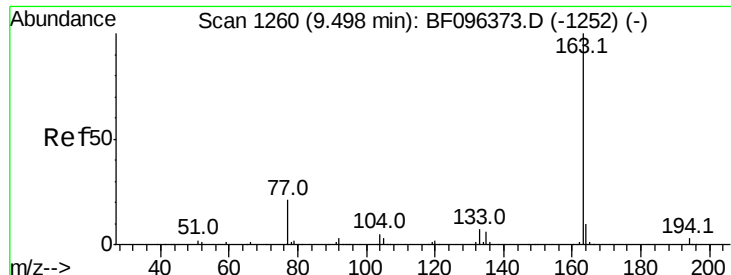
Tot Ion:330 Resp: 106200
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 75.62 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096511.D
 Acq: 6 Jul 2017 4:42

Tgt Ion:172 Resp: 679746
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.1 19.8 29.8

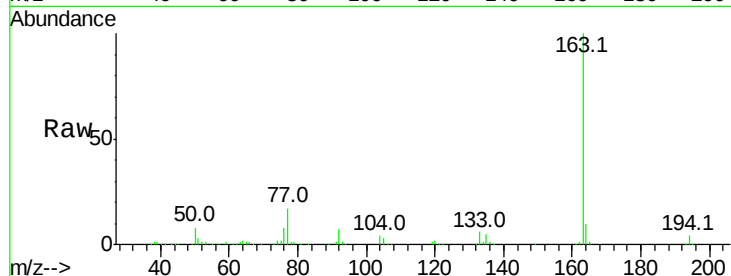




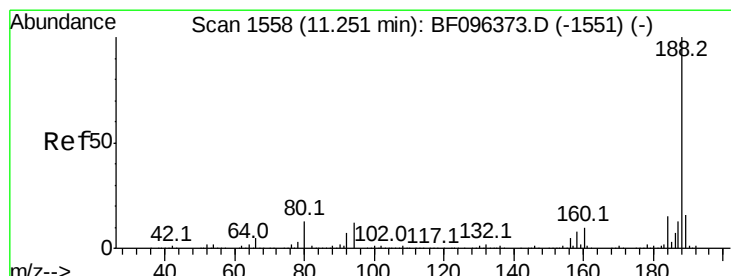
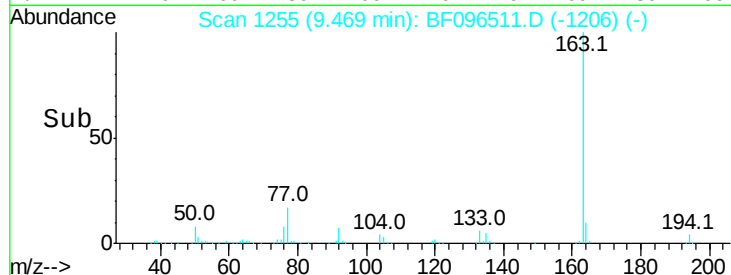
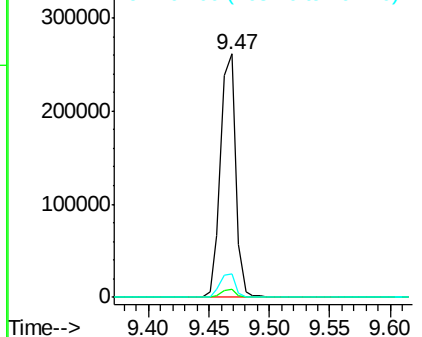
#49
Dimethylphthalate
Concen: 19.76 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096511.D
Acq: 6 Jul 2017 4:42

Instrument :
BNA_F
ClientSampleId :
B7-4-6

Tot Ion:163 Resp: 226719
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

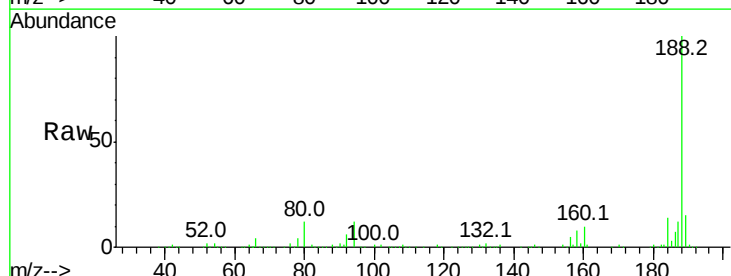


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

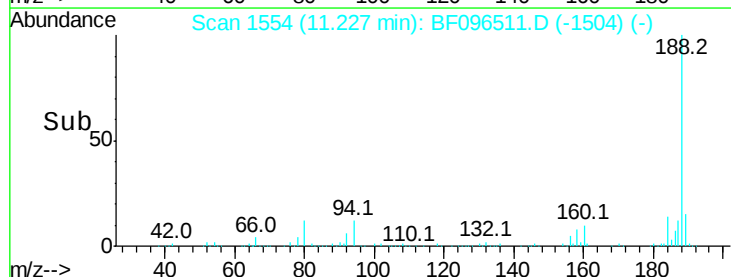
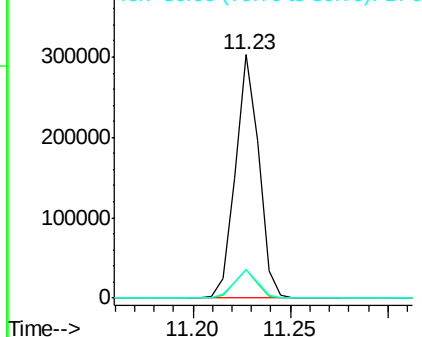


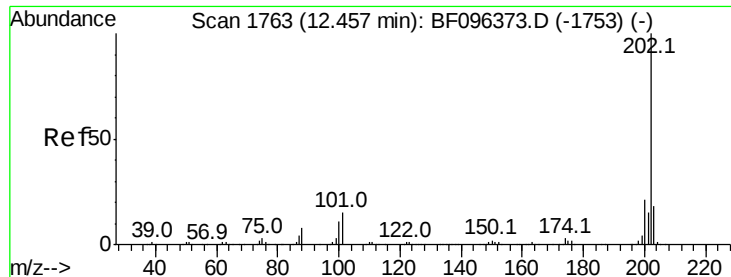
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096511.D
Acq: 6 Jul 2017 4:42

Tgt Ion:188 Resp: 252686
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.7 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





#74

Fluoranthene

Concen: 2.65 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096511.D

Acq: 6 Jul 2017 4:42

Instrument :

BNA_F

ClientSampled :

B7-4-6

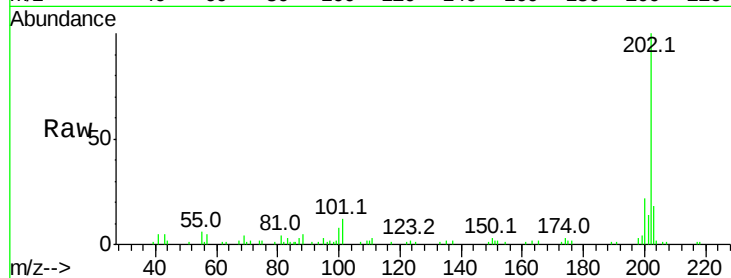
Tot Ion:202 Resp: 35516

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

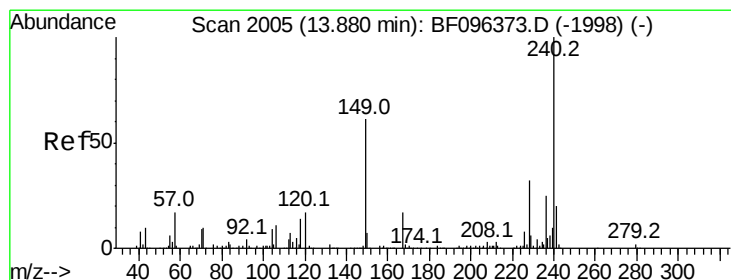
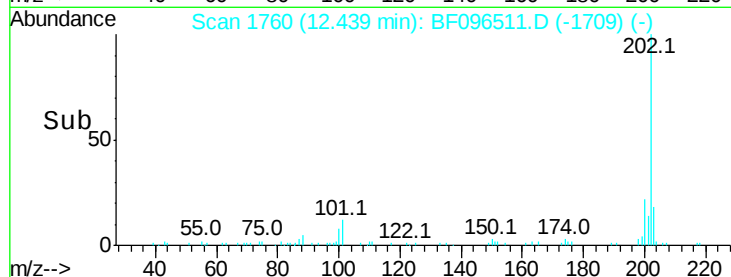
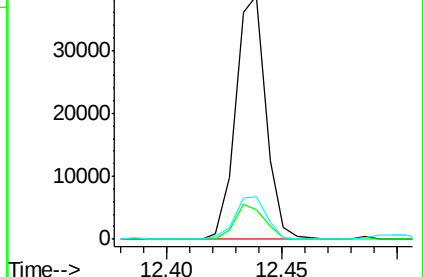
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096511.D

Acq: 6 Jul 2017 4:42

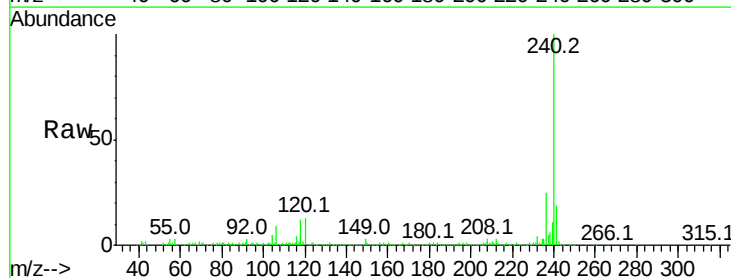
Tgt Ion:240 Resp: 231405

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

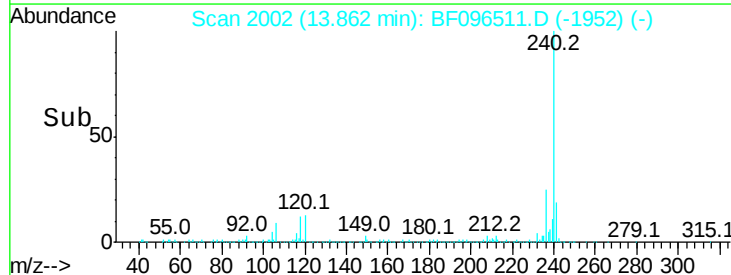
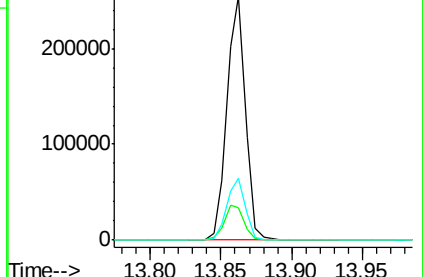
236 25.3 20.5 30.7

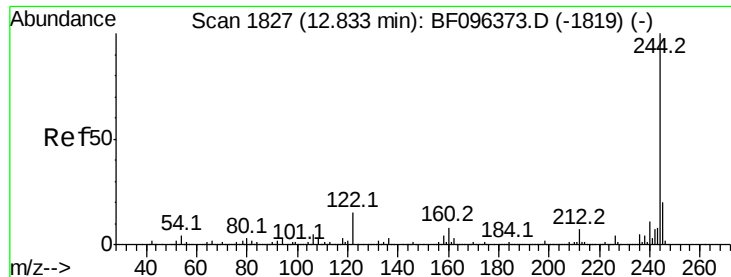


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

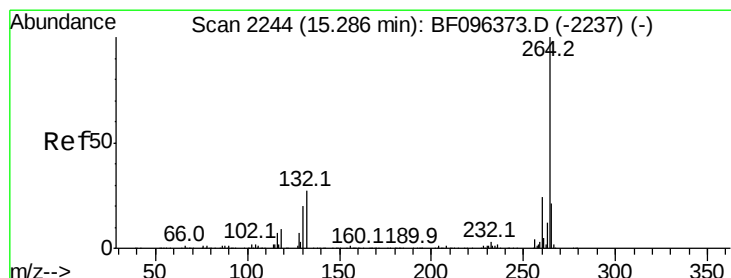
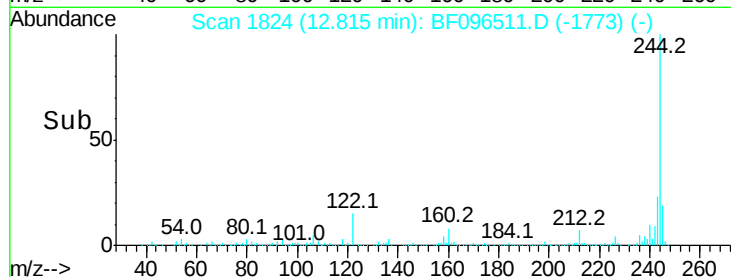
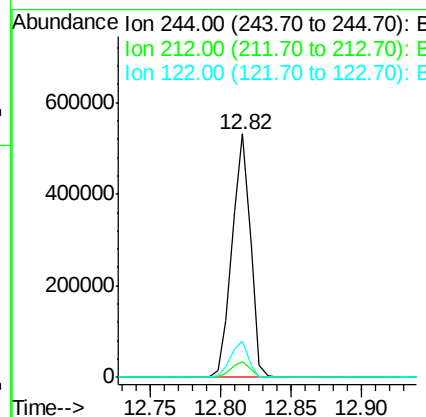
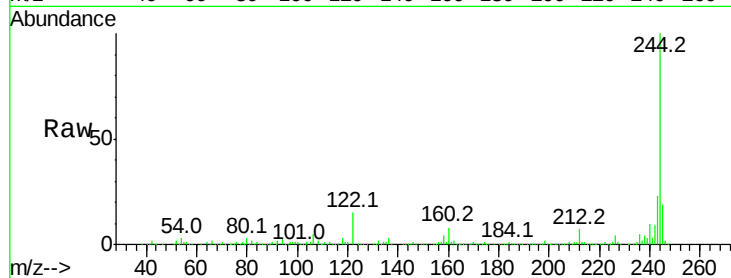




#78
 Terphenyl-d14
 Concen: 44.19 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096511.D
 Acq: 6 Jul 2017 4:42

Instrument :
 BNA_F
 ClientSampleId :
 B7-4-6

Tot Ion:244 Resp: 478554
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096511.D
 Acq: 6 Jul 2017 4:42

Tgt Ion:264 Resp: 149123
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.9 17.2 25.8

