

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096412.D
 Acq On : 2 Jul 2017 13:25
 Operator : SJ/MA
 Sample : I3950-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-6-8

Quant Time: Jul 03 05:15:54 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

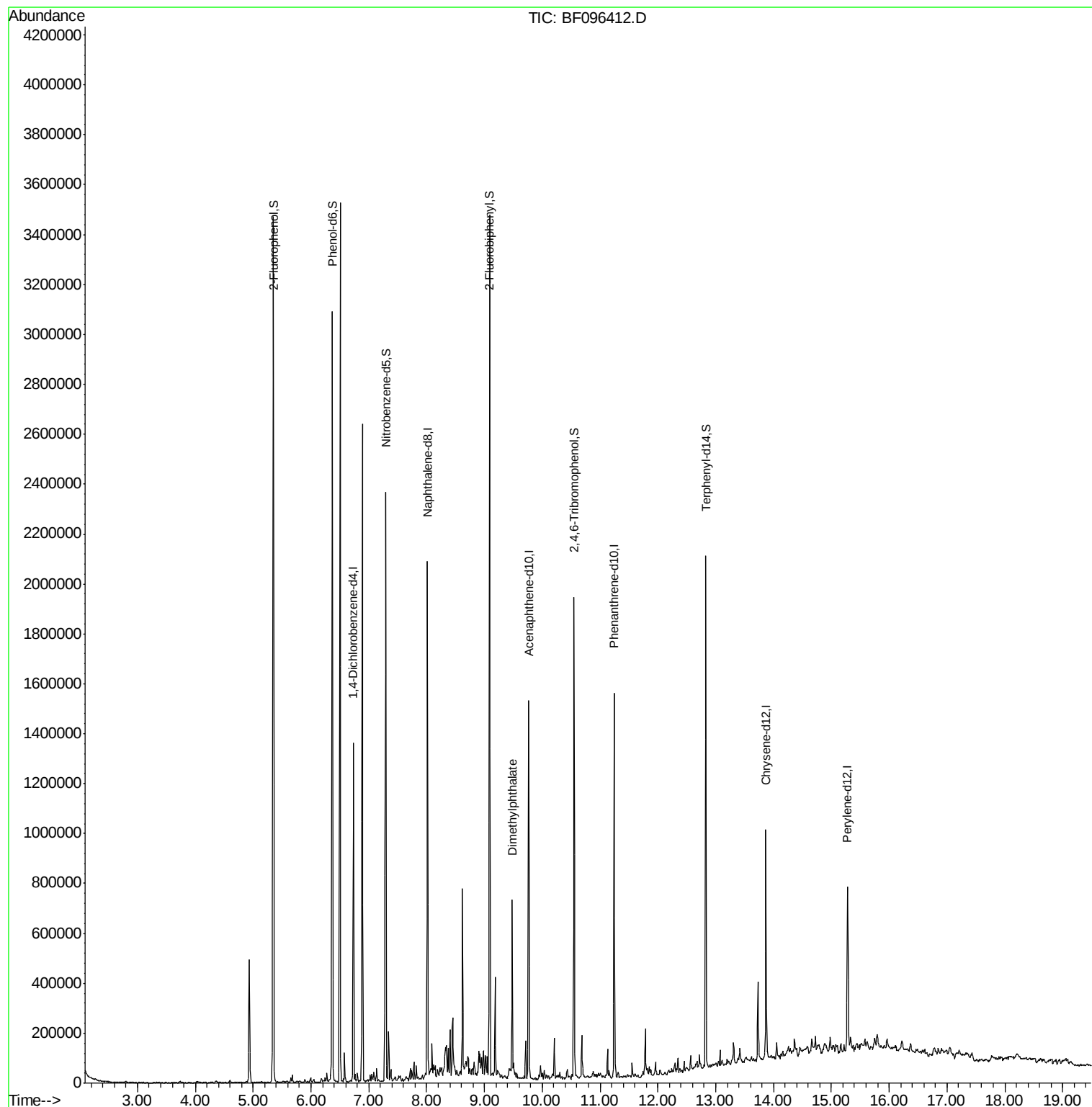
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183067	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	760231	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	316251	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	499439	20.00	ng	0.00
75) Chrysene-d12	13.87	240	307483	20.00	ng	-0.01
86) Perylene-d12	15.28	264	274292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1002219	80.80	ng	0.00
7) Phenol-d6	6.37	99	1278639	83.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	742878	58.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	204959	82.97	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1041637	56.31	ng	0.00
78) Terphenyl-d14	12.83	244	604488	42.01	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	263295	11.153	ng	98

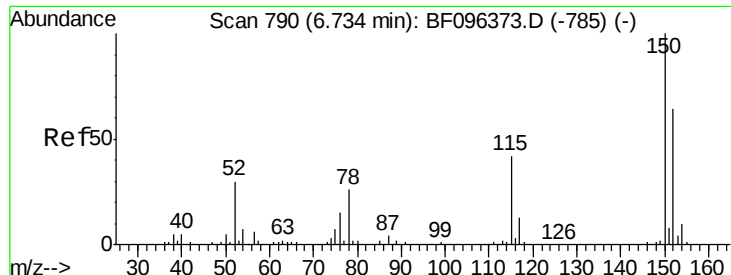
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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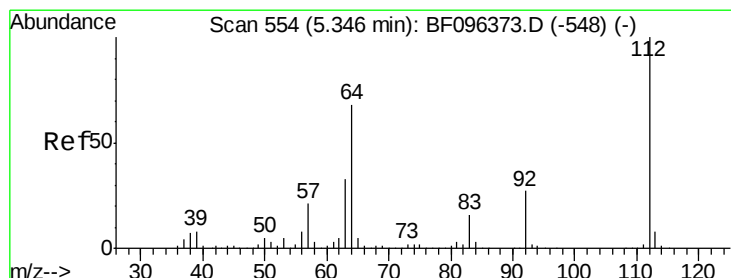
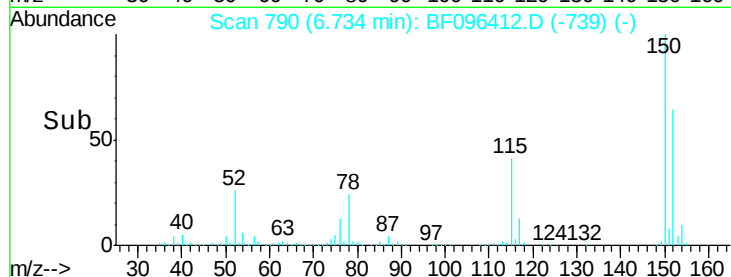
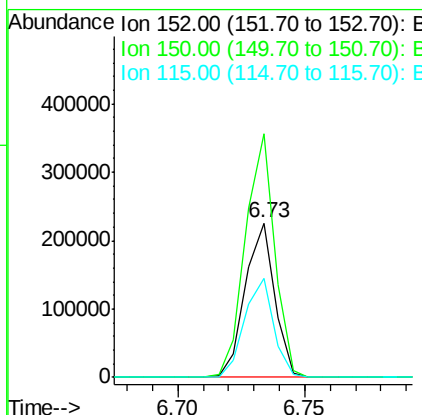
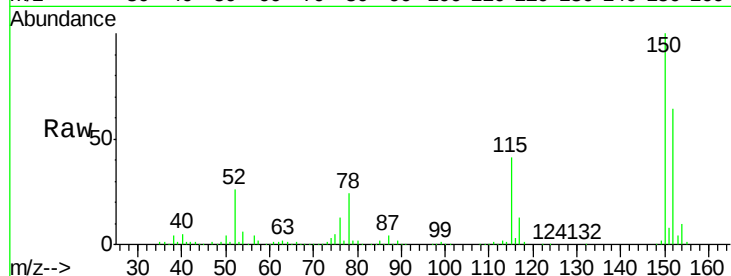


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096412.D
Acq: 2 Jul 2017 13:25

Instrument :
BNA_F
ClientSampled :
B4-6-8

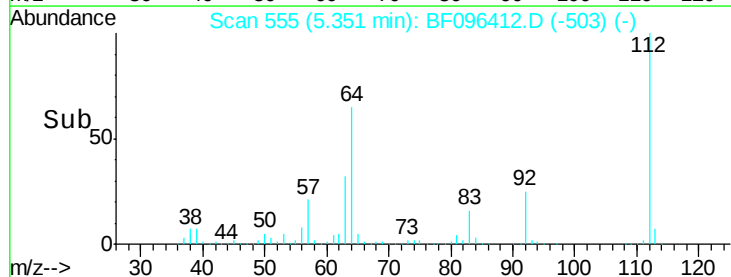
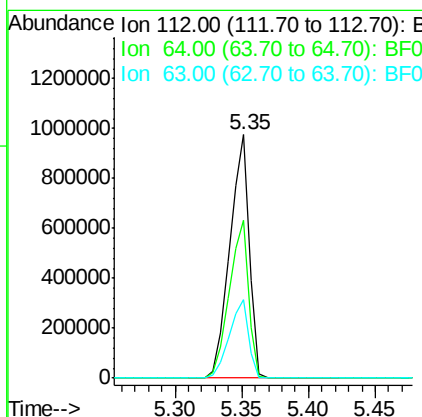
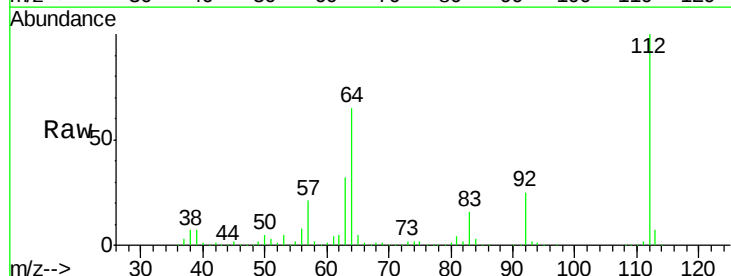
Tgt Ion:152 Resp: 183067
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 64.0 52.2 78.2



#5

2-Fluorophenol
Concen: 80.804 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096412.D
Acq: 2 Jul 2017 13:25

Tgt Ion:112 Resp: 1002219
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 83.856 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

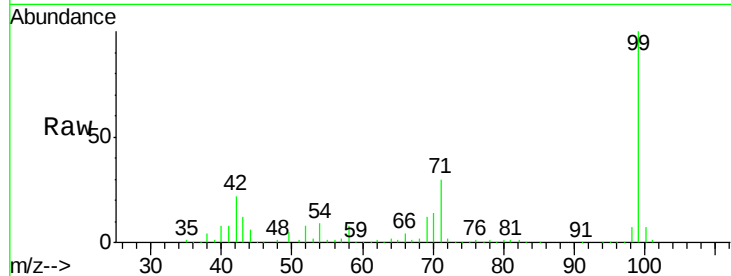
BNA_F

ClientSampled :

B4-6-8

Tgt Ion: 99 Resp: 1278639

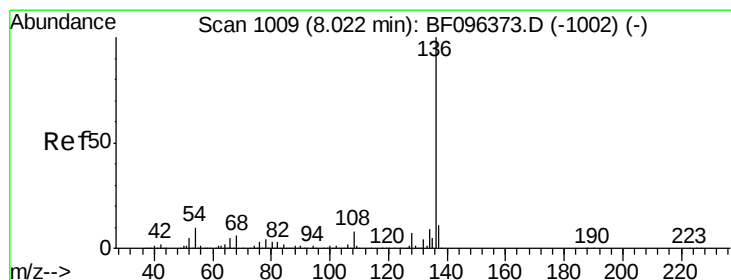
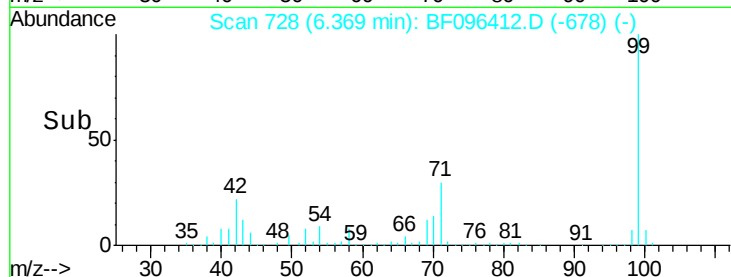
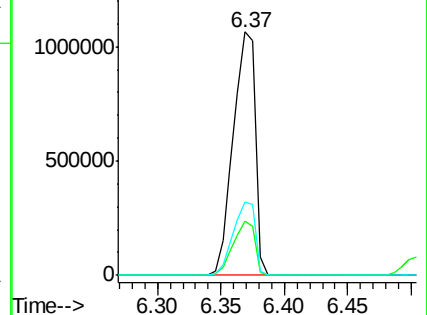
Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	30.3	24.5	36.7



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

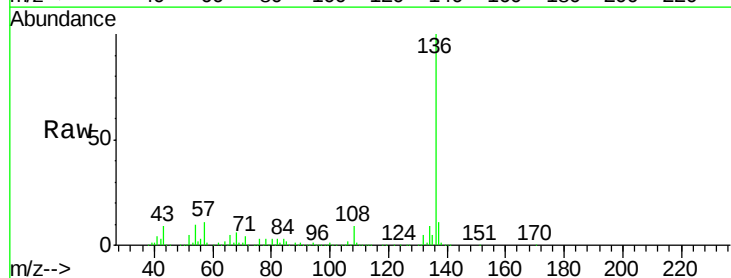
Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Tgt Ion: 136 Resp: 760231

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.3	4.9	7.3#
68	5.7	4.1	6.1

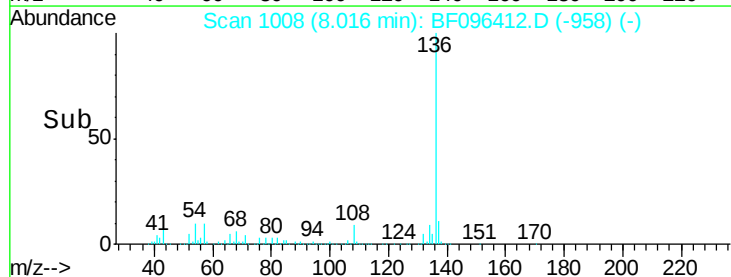
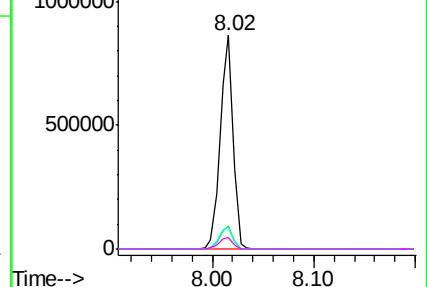


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.719 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

BNA_F

ClientSampleId :

B4-6-8

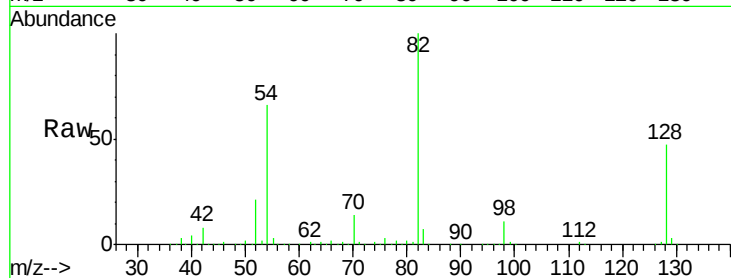
Tgt Ion: 82 Resp: 742878

Ion Ratio Lower Upper

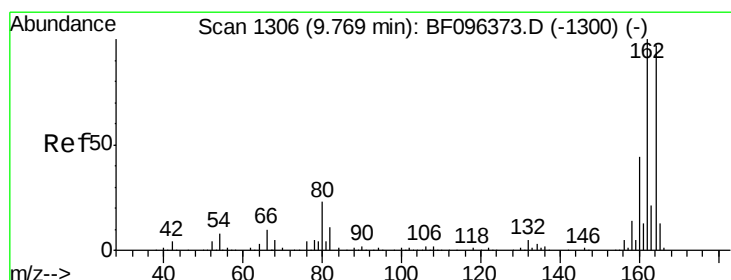
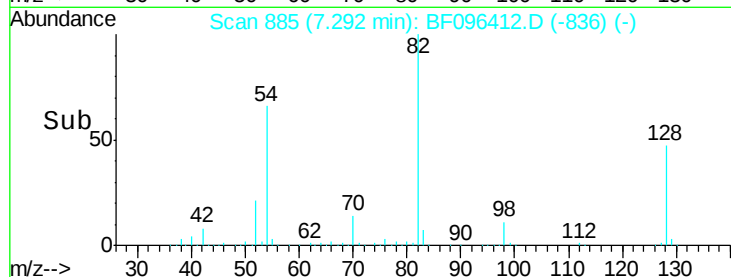
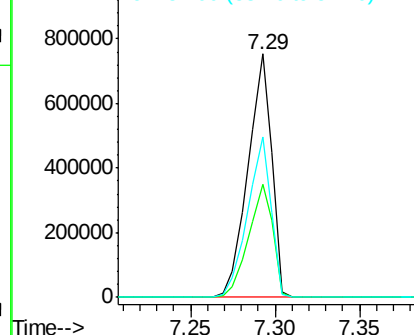
82 100

128 46.6 34.0 51.0

54 66.1 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: BF096412.D

Acq: 2 Jul 2017 13:25

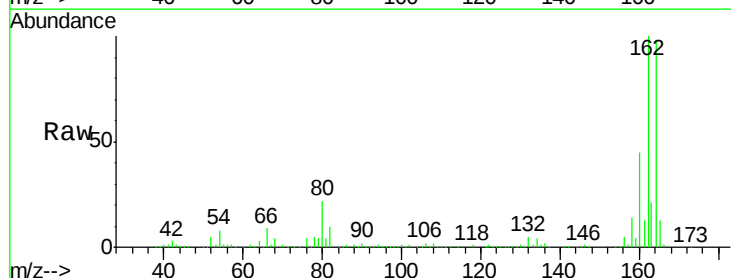
Tgt Ion: 164 Resp: 316251

Ion Ratio Lower Upper

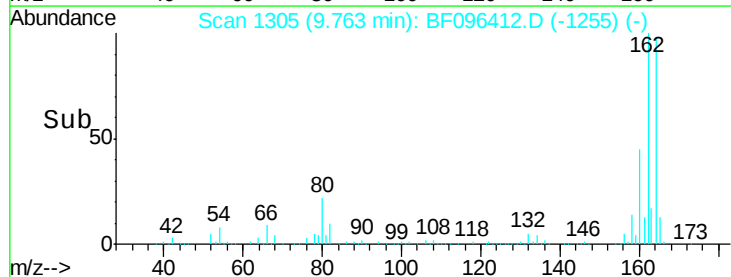
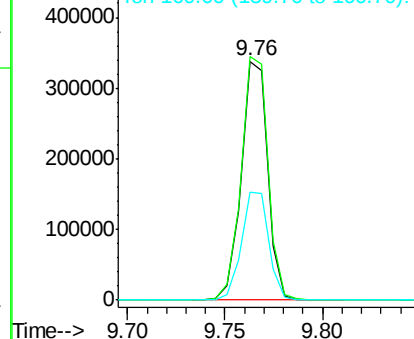
164 100

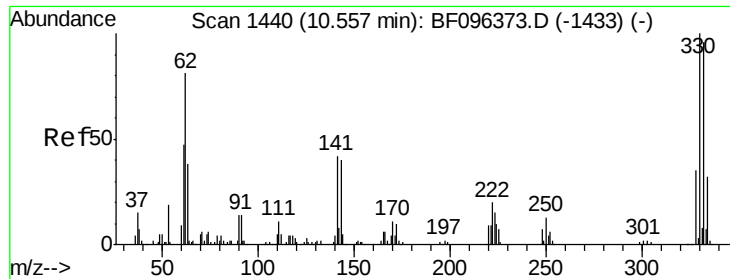
162 101.8 82.6 123.8

160 45.3 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

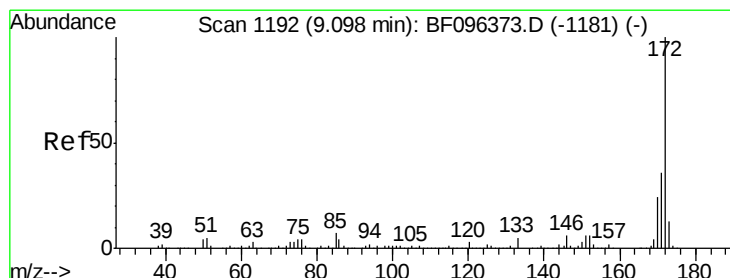
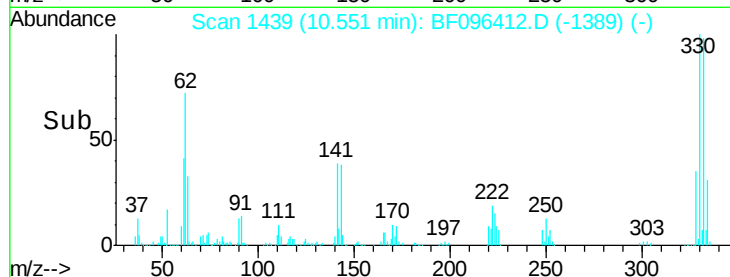
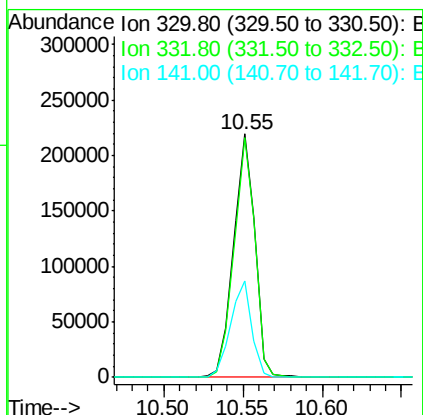
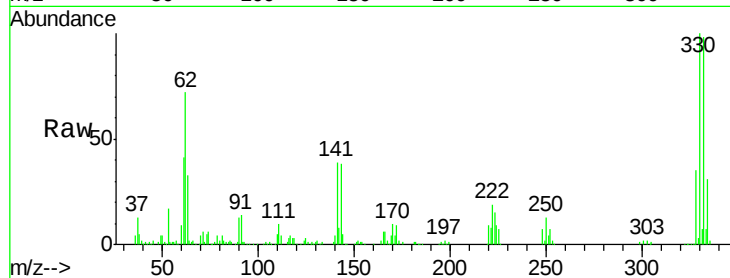




#41
 2,4,6-Tribromophenol
 Concen: 82.969 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096412.D
 Acq: 2 Jul 2017 13:25

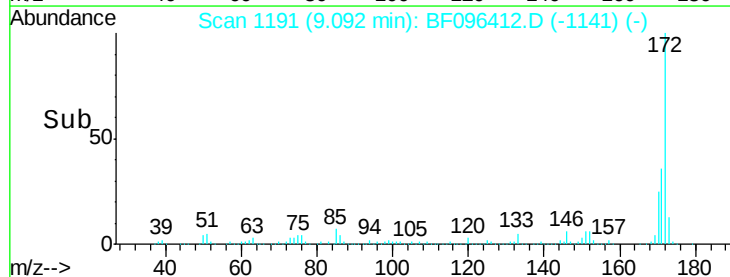
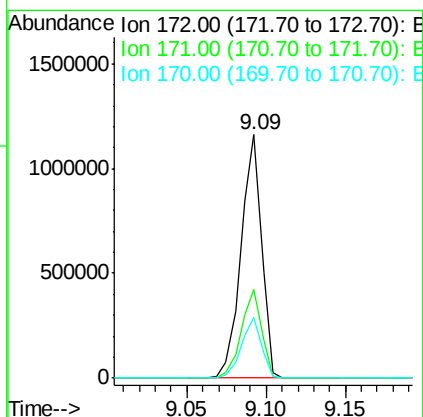
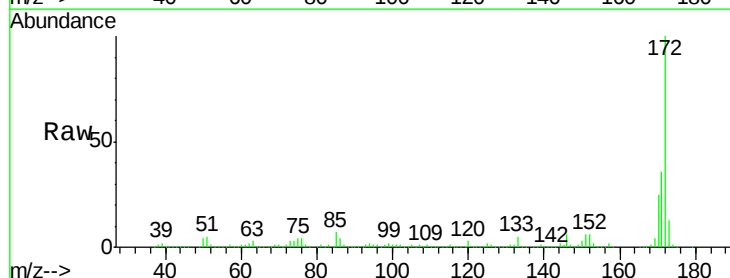
Instrument :
 BNA_F
 ClientSampleId :
 B4-6-8

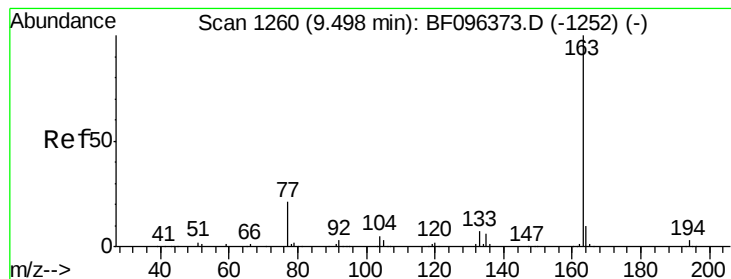
Tgt Ion: 330 Resp: 204959
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 56.315 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096412.D
 Acq: 2 Jul 2017 13:25

Tgt Ion: 172 Resp: 1041637
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.0 19.8 29.8





#49

Dimethylphthalate

Concen: 11.153 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

BNA_F

ClientSampleId :

B4-6-8

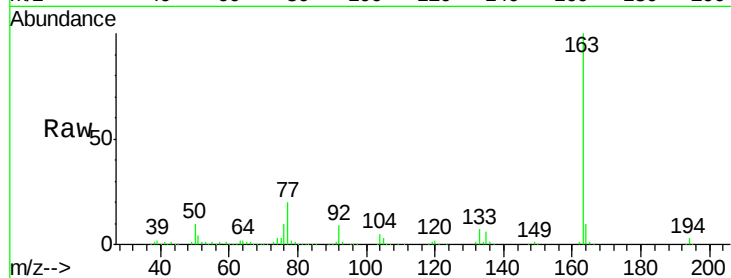
Tgt Ion:163 Resp: 263295

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

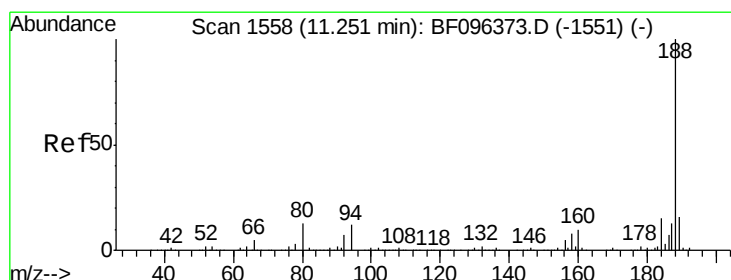
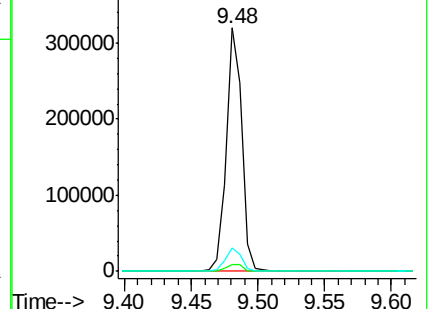
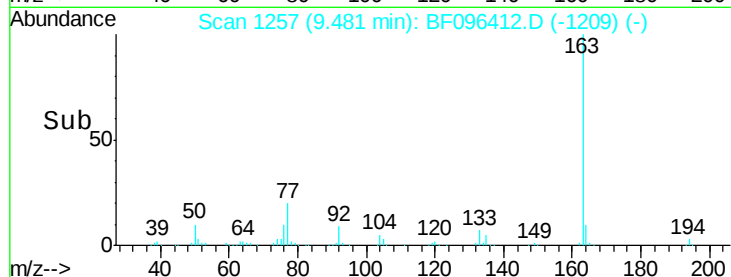
164 9.9 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

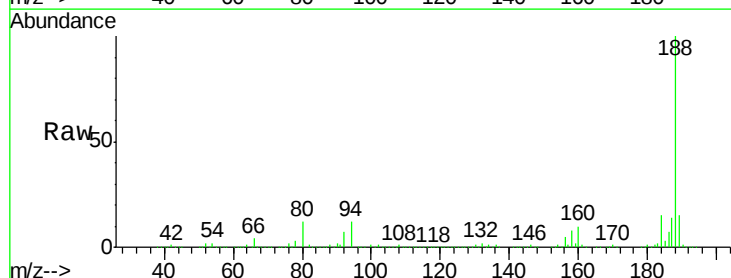
Tgt Ion:188 Resp: 499439

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

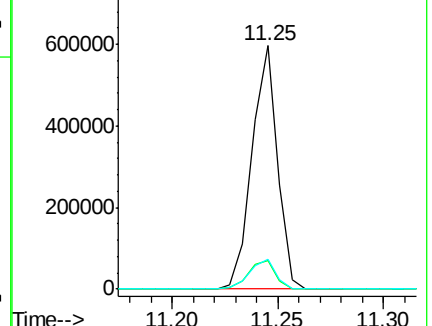
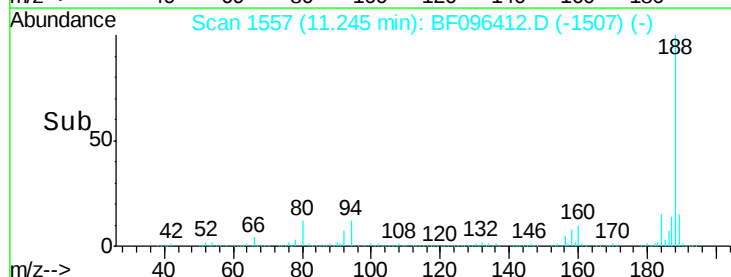
80 12.1 10.2 15.2

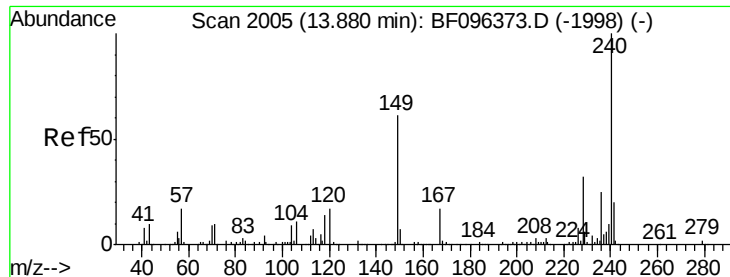


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF096412.D

Acq: 2 Jul 2017 13:25

Instrument :

BNA_F

ClientSampleId :

B4-6-8

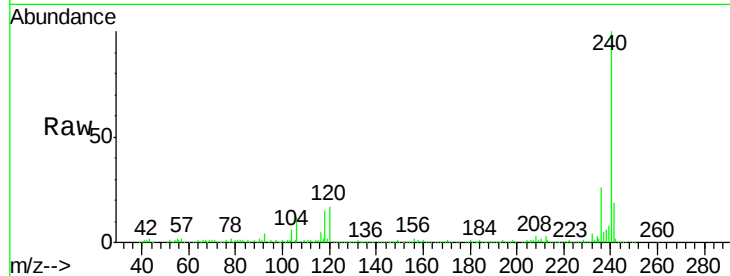
Tgt Ion:240 Resp: 307483

Ion Ratio Lower Upper

240 100

120 17.4 5.8 8.8#

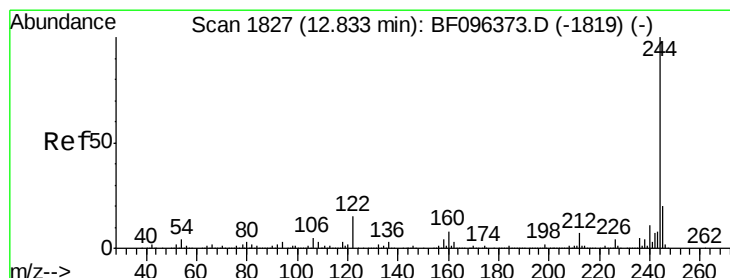
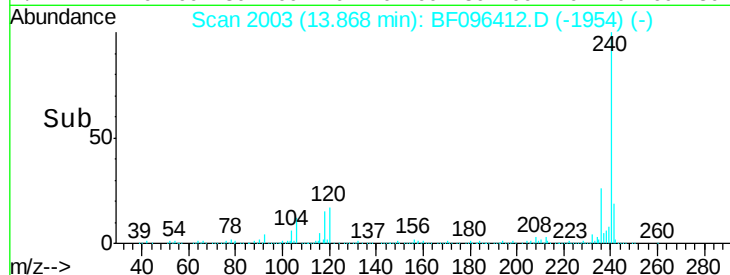
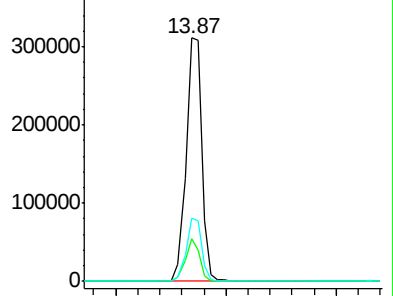
236 25.8 20.5 30.7



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: 42.009 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096412.D

Acq: 2 Jul 2017 13:25

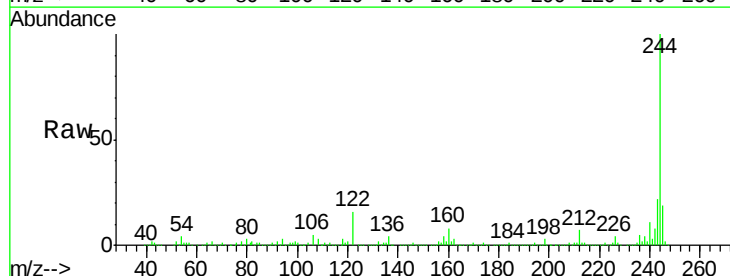
Tgt Ion:244 Resp: 604488

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

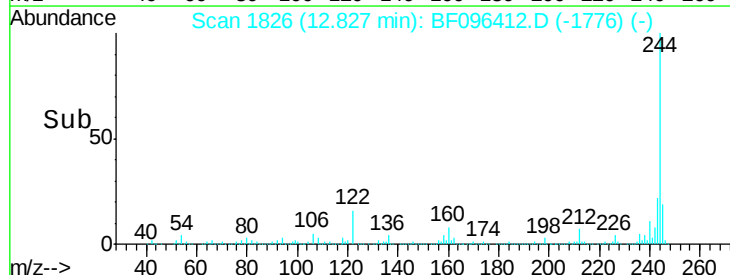
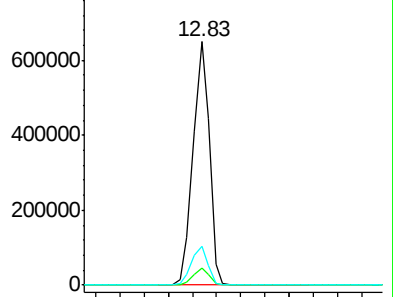
122 16.1 10.3 15.5#

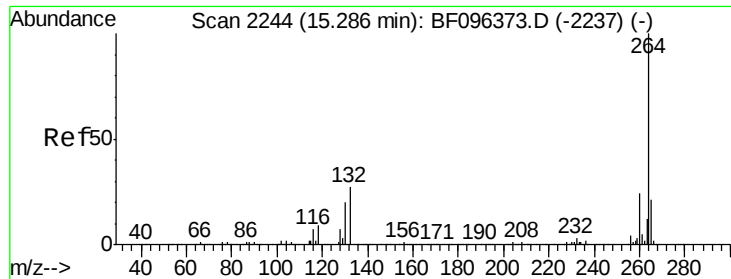


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF096412.D
Acq: 2 Jul 2017 13:25

Instrument :
BNA_F
ClientSampleId :
B4-6-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	17.2	25.8

