

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096408.D
 Acq On : 2 Jul 2017 11:34
 Operator : SJ/MA
 Sample : I3950-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6-12-14

Quant Time: Jul 03 05:04:51 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

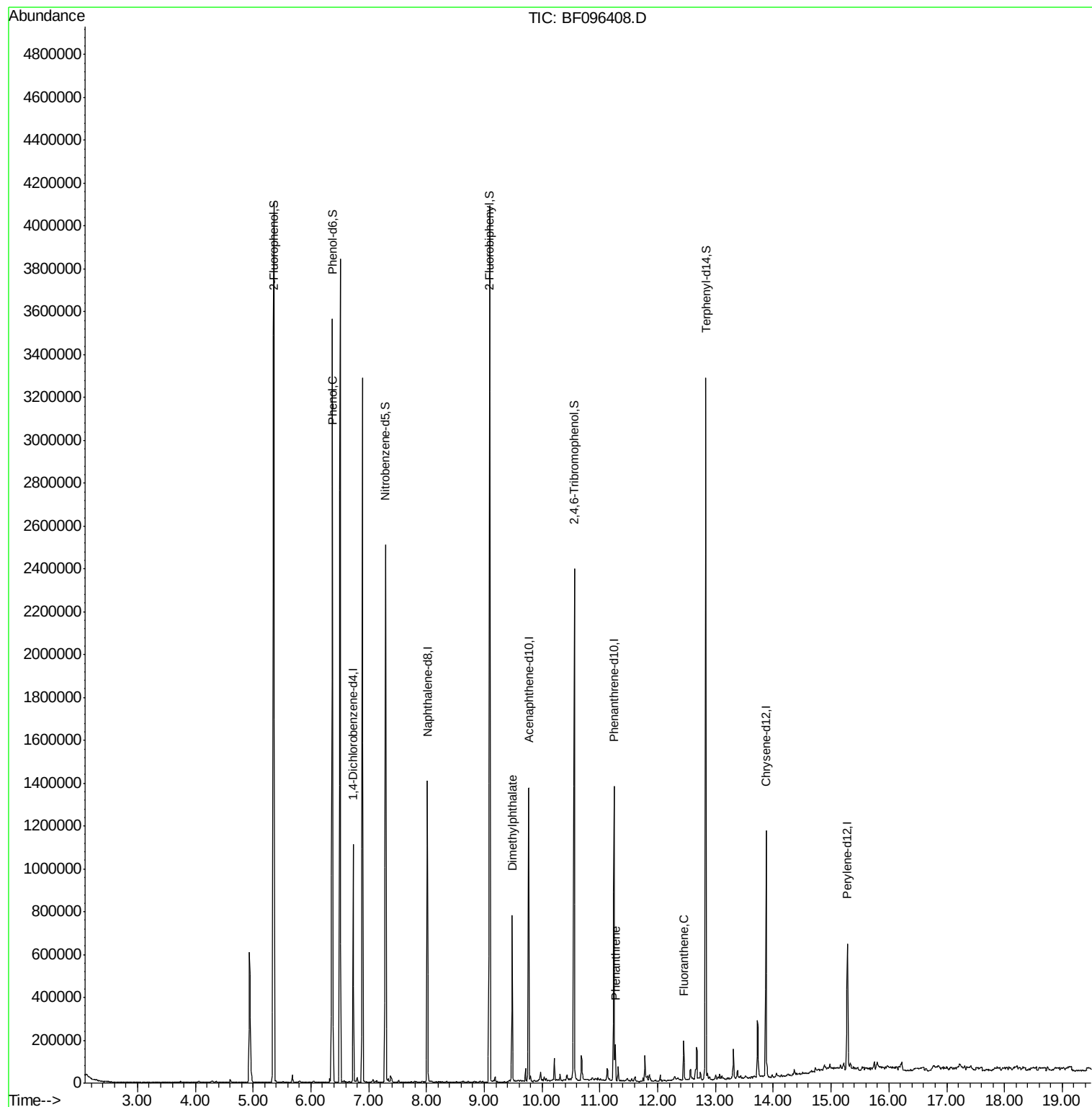
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148659	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	638843	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	296991	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	464083	20.00	ng	0.00
75) Chrysene-d12	13.87	240	373758	20.00	ng	0.00
86) Perylene-d12	15.28	264	249519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1319840	131.04	ng	0.01
7) Phenol-d6	6.37	99	1505451	121.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	946055	88.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	312869	134.87	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1501400	86.44	ng	0.00
78) Terphenyl-d14	12.83	244	1120027	64.03	ng	0.00
Target Compounds						
10) Phenol	6.39	94	30499	2.162	ng	90
49) Dimethylphthalate	9.49	163	341209	15.390	ng	98
70) Phenanthrene	11.27	178	63821	2.544	ng	96
74) Fluoranthene	12.45	202	61252	2.490	ng	96

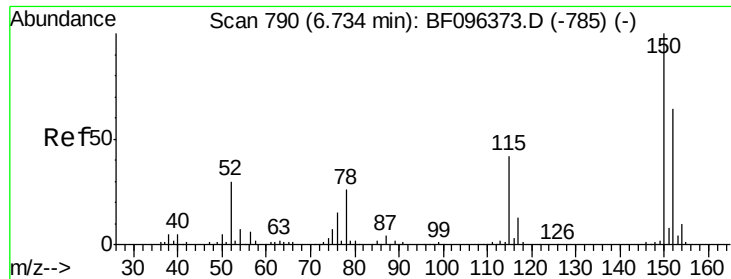
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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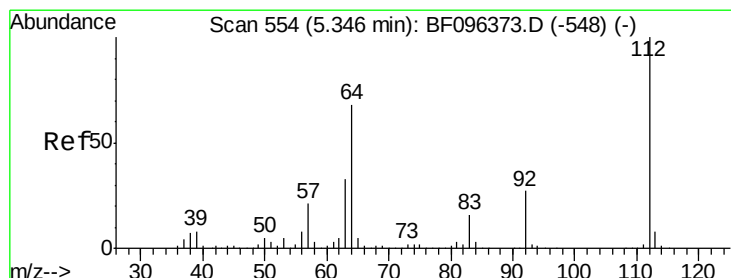
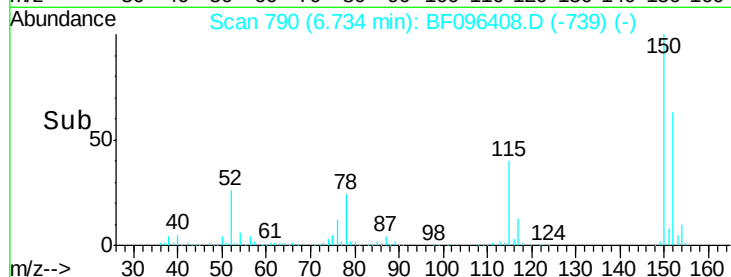
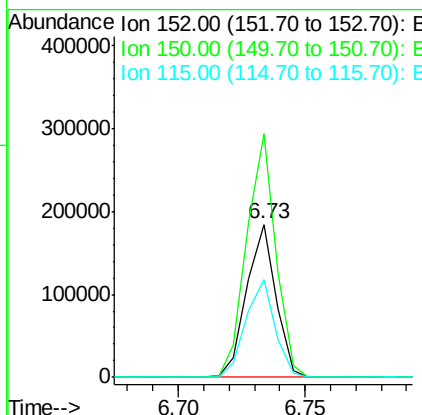
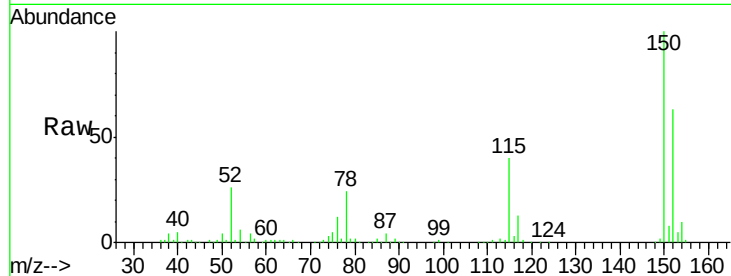


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :
B6-12-14

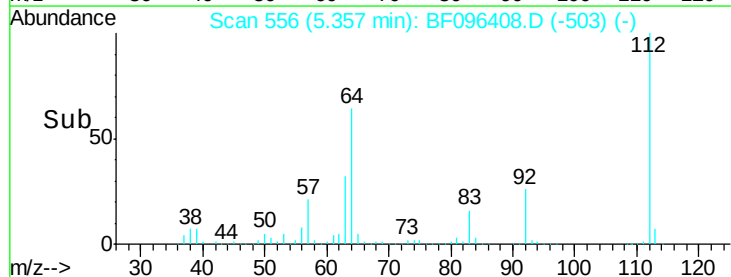
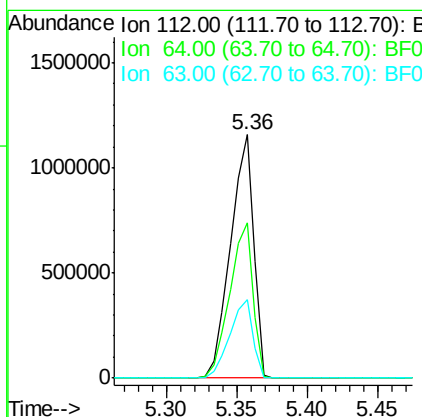
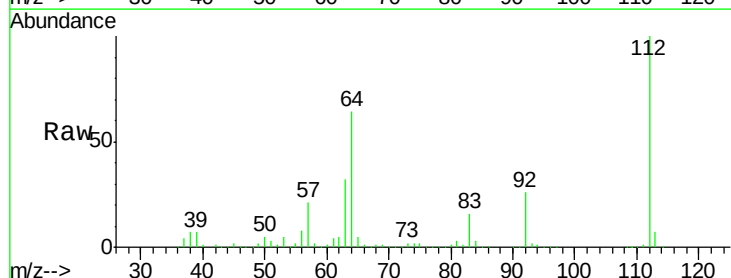
Tgt Ion:152 Resp: 148659
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 63.8 52.2 78.2

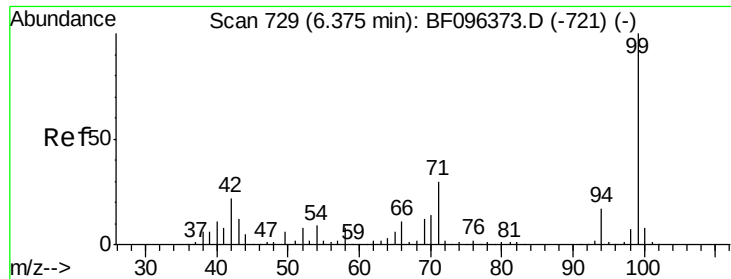


#5

2-Fluorophenol
Concen: 131.041 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:112 Resp: 1319840
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.4 23.4 35.0





#7

Phenol-d6

Concen: 121.583 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

Instrument :

BNA_F

ClientSampleId :

B6-12-14

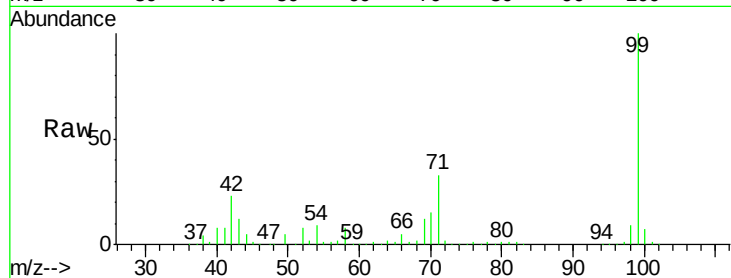
Tgt Ion: 99 Resp: 1505451

Ion Ratio Lower Upper

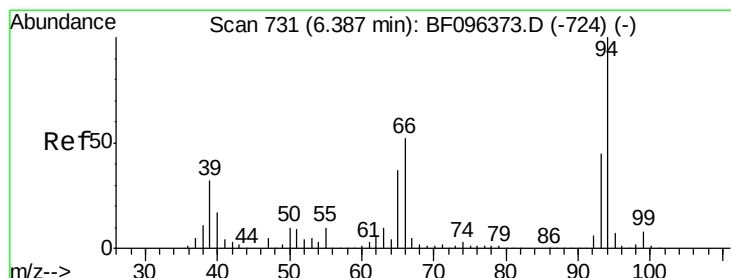
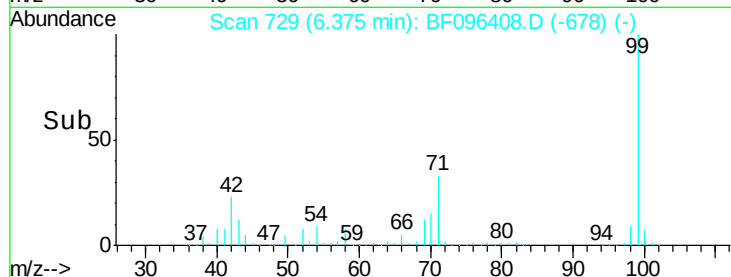
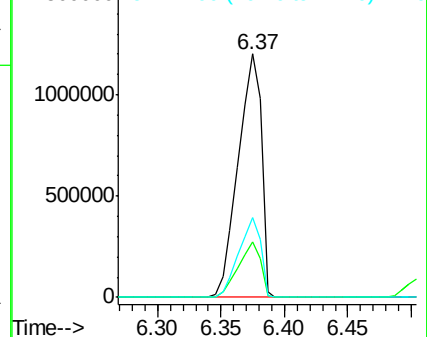
99 100

42 22.5 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



#10

Phenol

Concen: 2.162 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

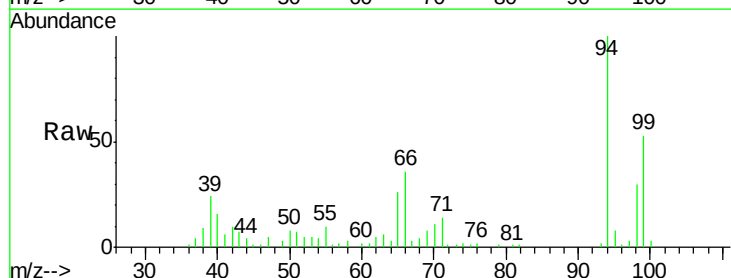
Tgt Ion: 94 Resp: 30499

Ion Ratio Lower Upper

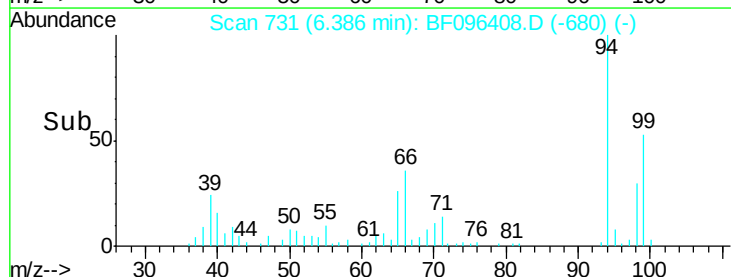
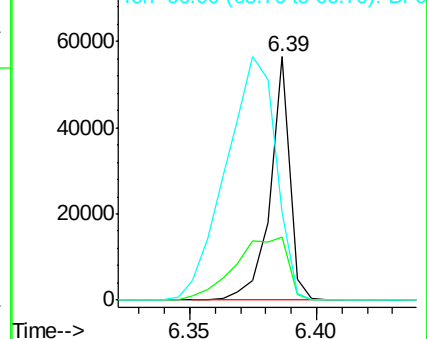
94 100

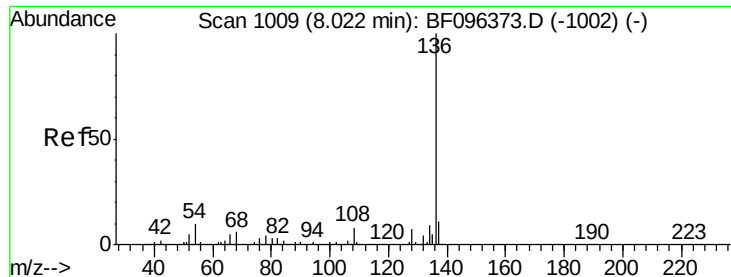
65 26.1 9.9 49.9

66 35.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

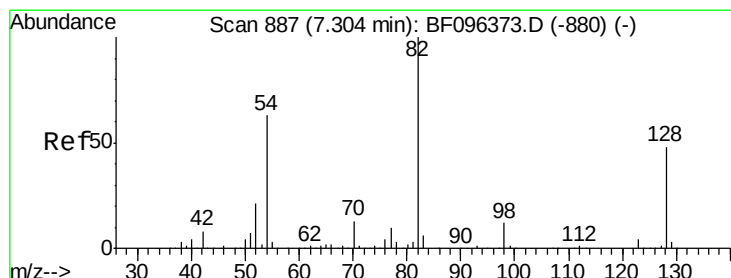
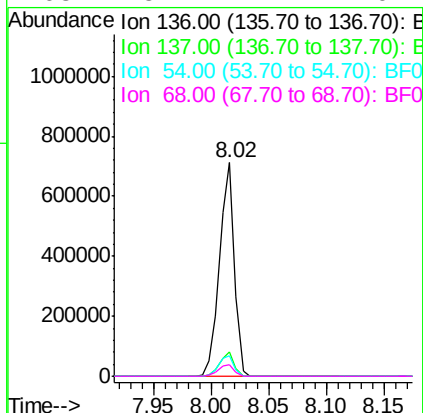
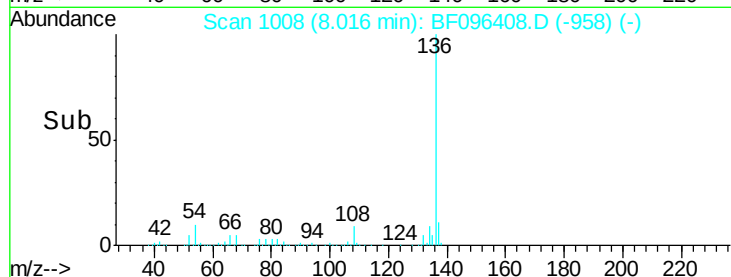
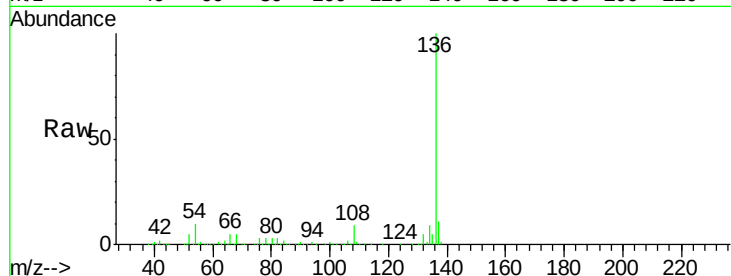




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

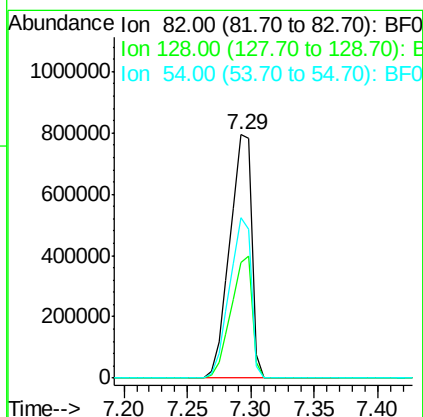
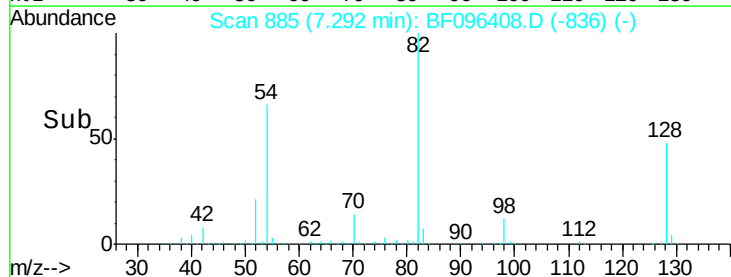
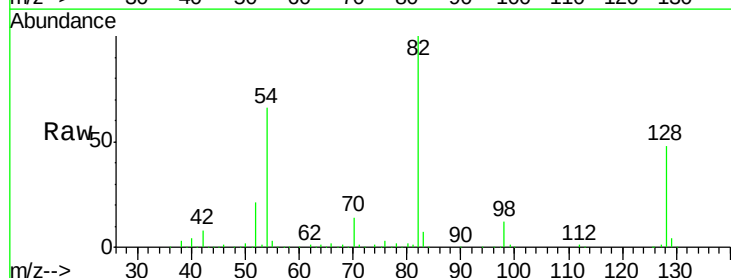
Instrument :
BNA_F
ClientSampled :
B6-12-14

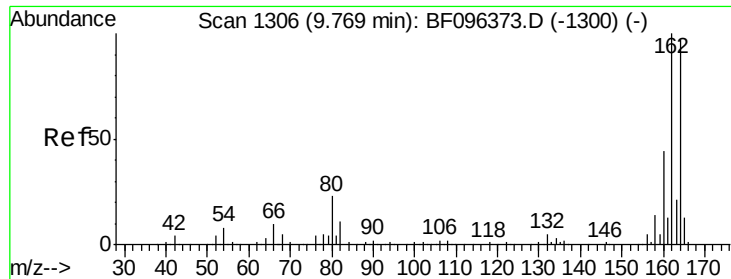
Tgt Ion:	136	Resp:	638843
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.7	4.9	7.3#
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 88.988 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:	82	Resp:	946055
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	65.9	42.2	63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

Instrument :

BNA_F

ClientSampleId :

B6-12-14

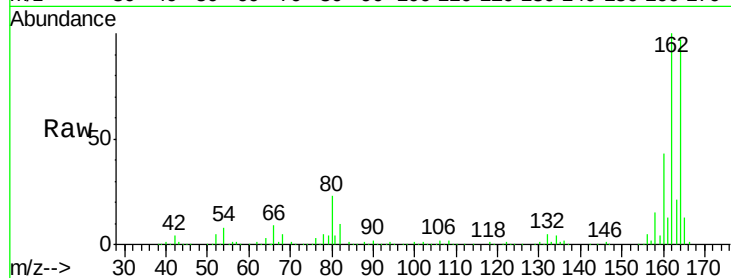
Tgt Ion:164 Resp: 296991

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

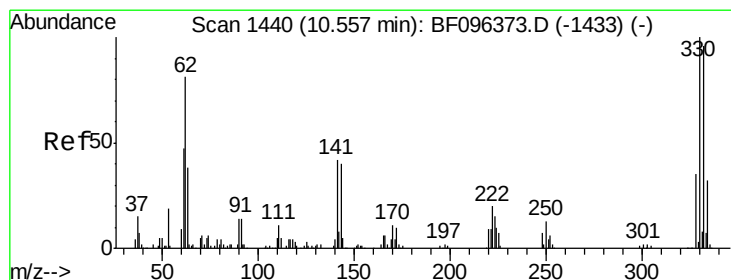
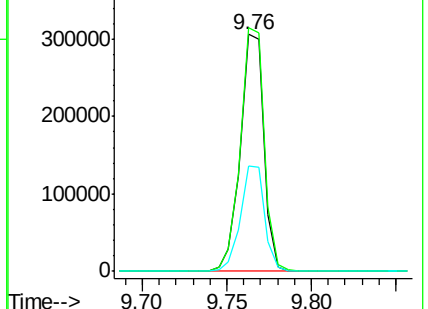
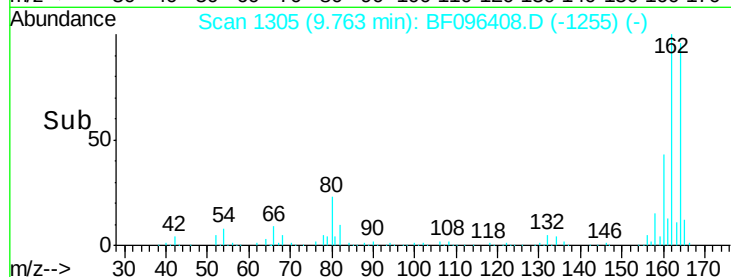
160 44.5 36.2 54.2



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: 134.865 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

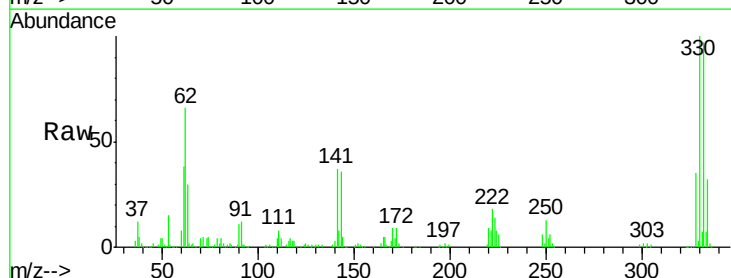
Tgt Ion:330 Resp: 312869

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

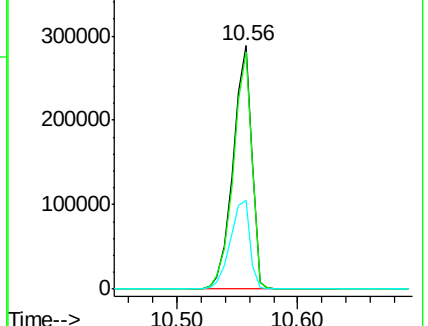
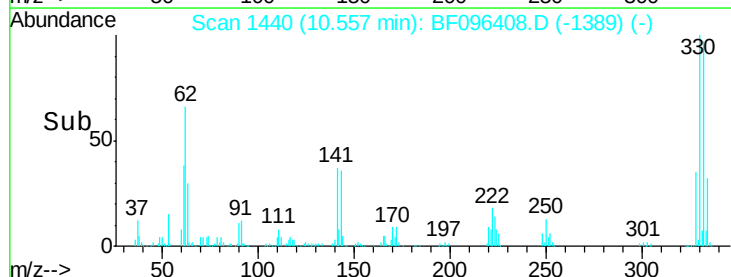
141 38.5 31.4 47.2

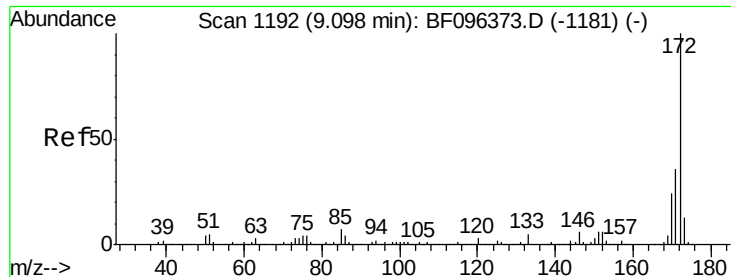


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

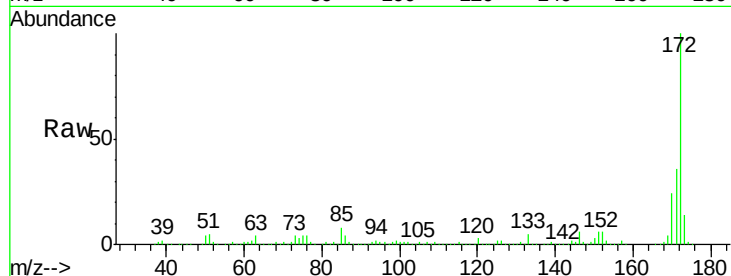




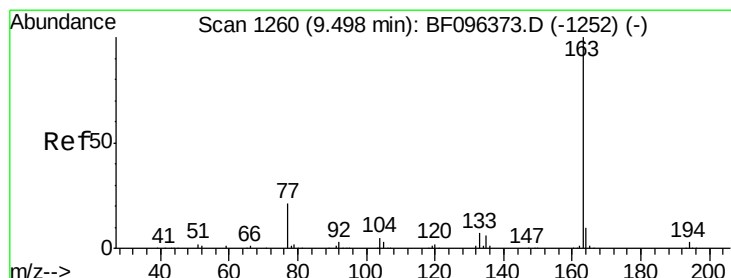
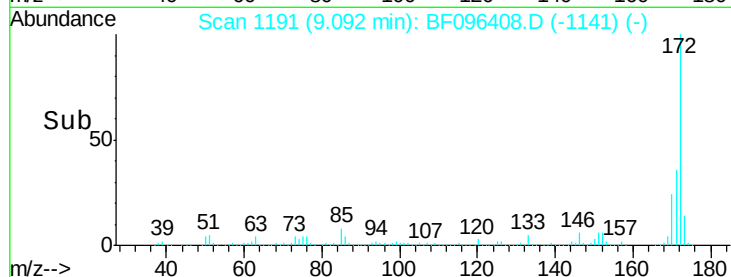
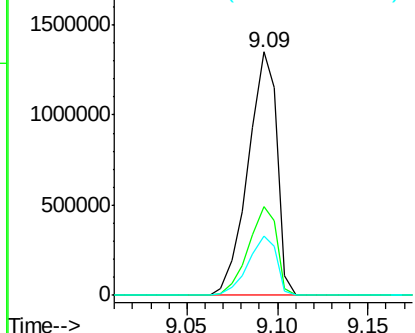
#44
2-Fluorobiphenyl
Concen: 86.435 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :
B6-12-14

Tgt Ion:172 Resp: 1501400
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 19.8 29.8

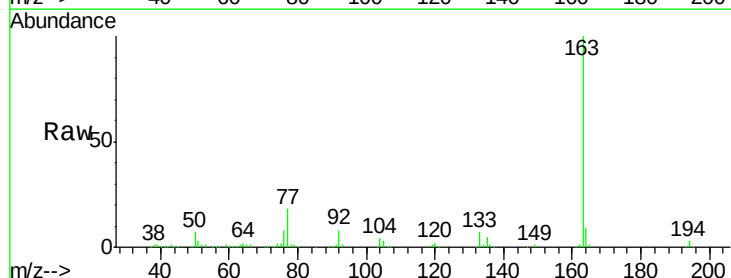


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

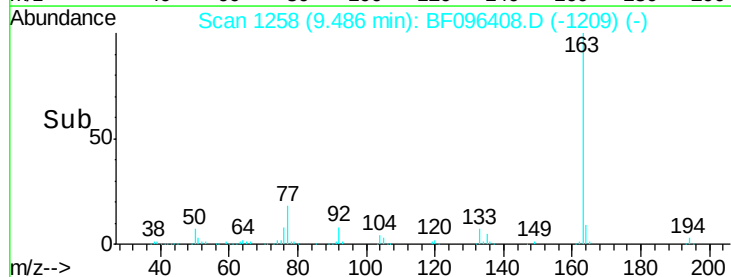
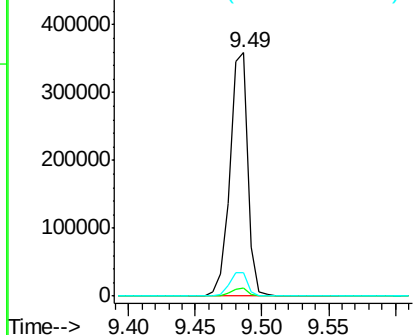


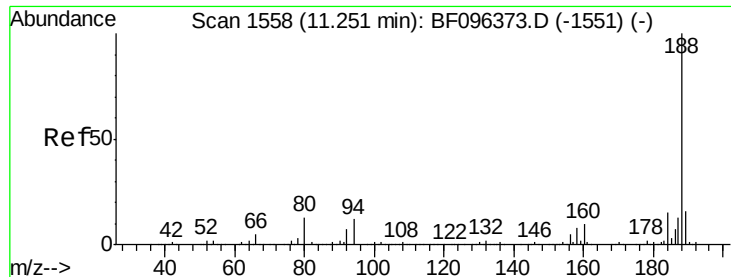
#49
Dimethylphthalate
Concen: 15.390 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:163 Resp: 341209
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.5 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

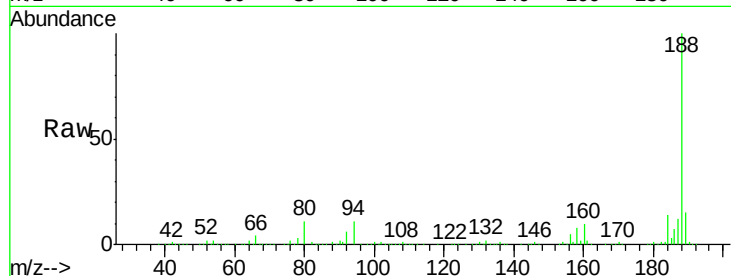




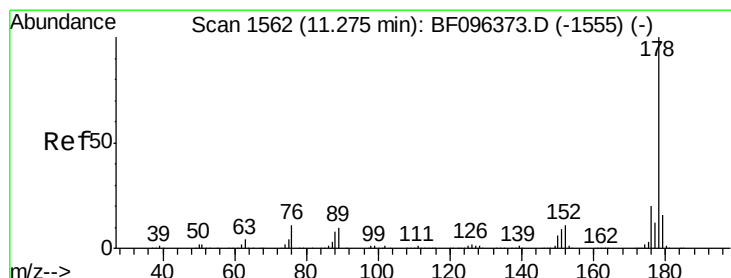
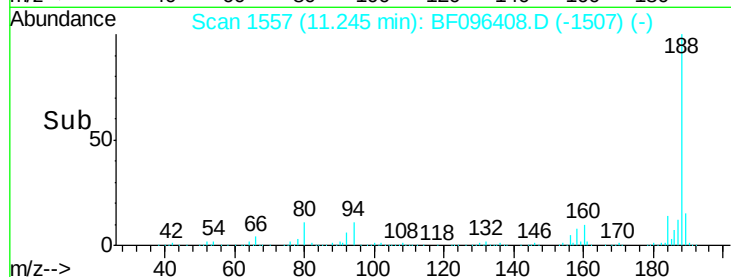
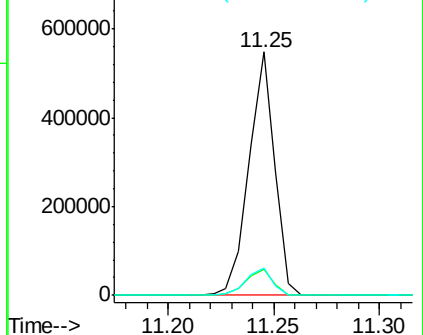
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :
B6-12-14

Tgt Ion:188 Resp: 464083
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.1 10.2 15.2

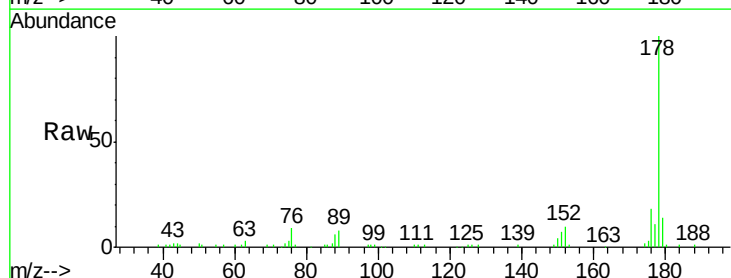


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

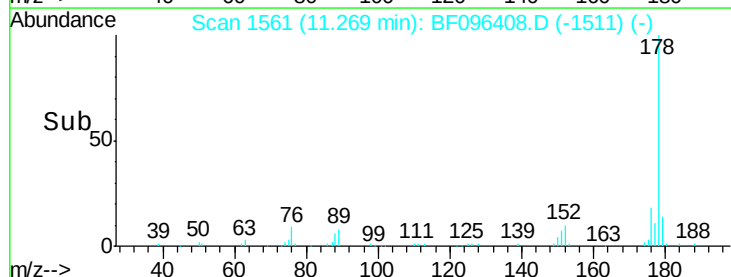
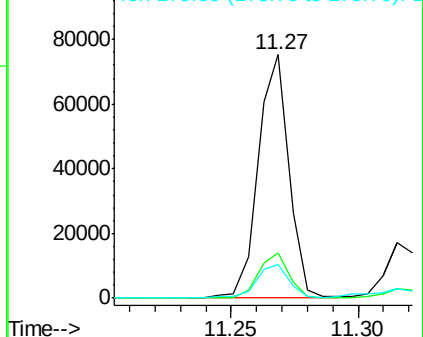


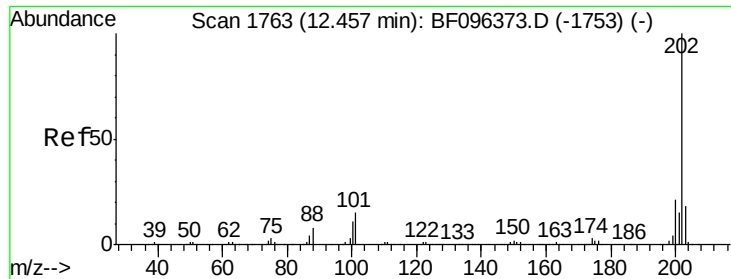
#70
Phenanthrene
Concen: 2.544 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:178 Resp: 63821
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.4
179 14.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

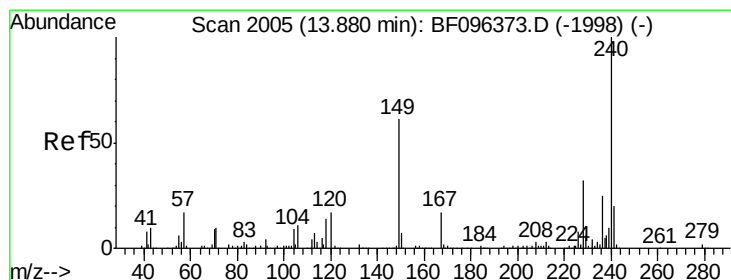
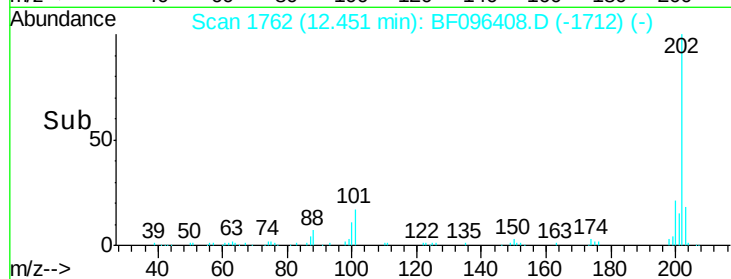
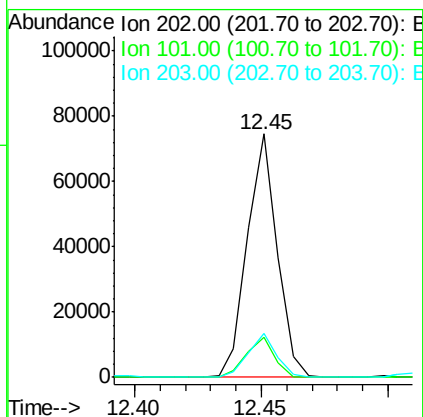
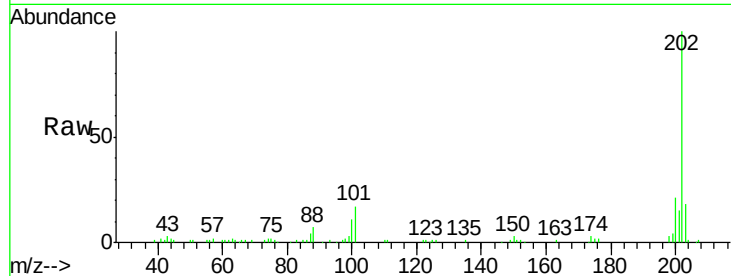




#74
 Fluoranthene
 Concen: 2.490 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

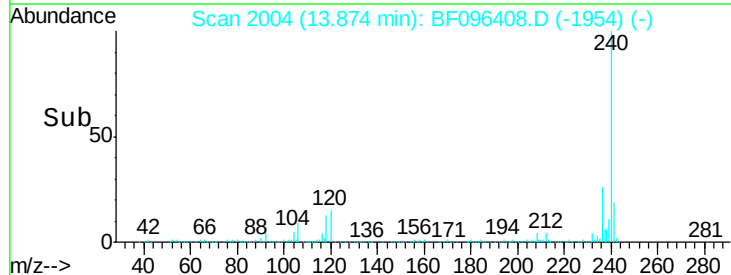
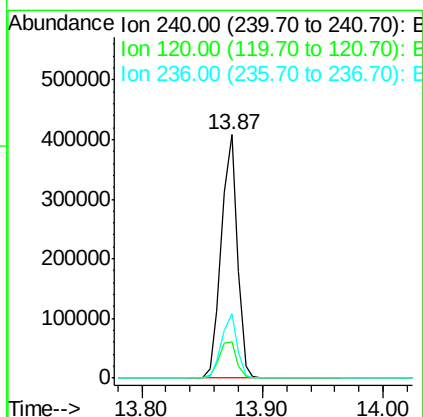
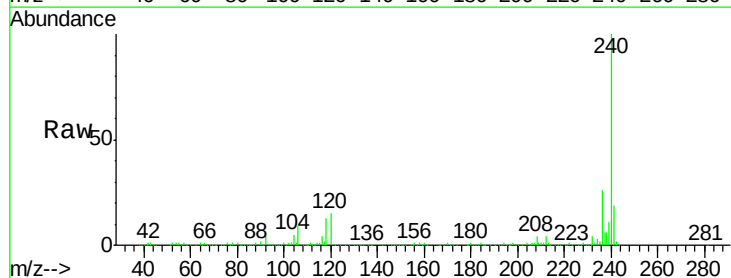
Instrument :
 BNA_F
 ClientSampleId :
 B6-12-14

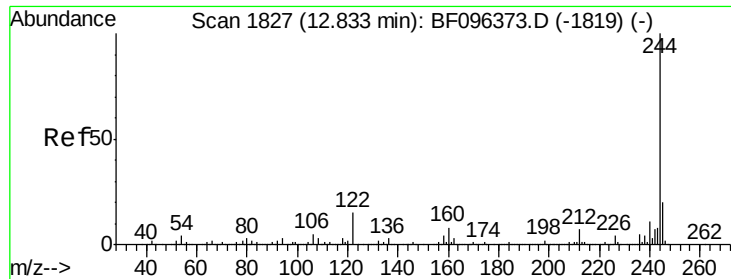
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	33.2
203	17.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.3	20.5	30.7

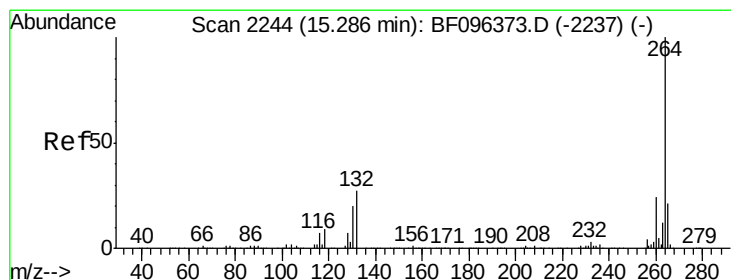
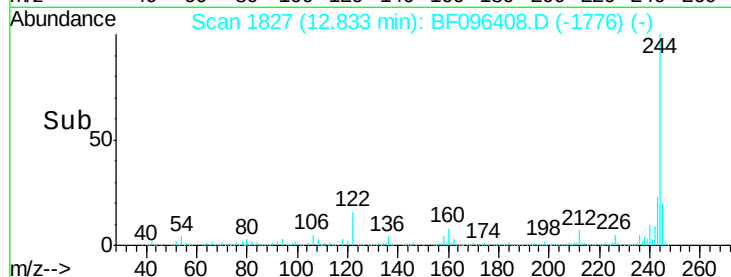
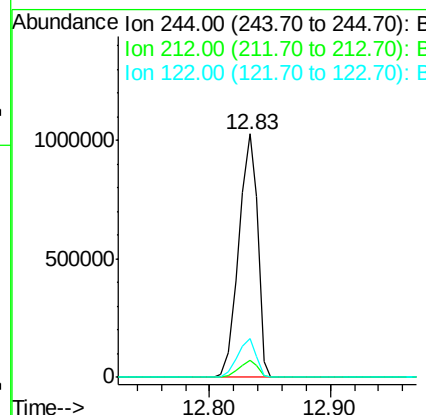
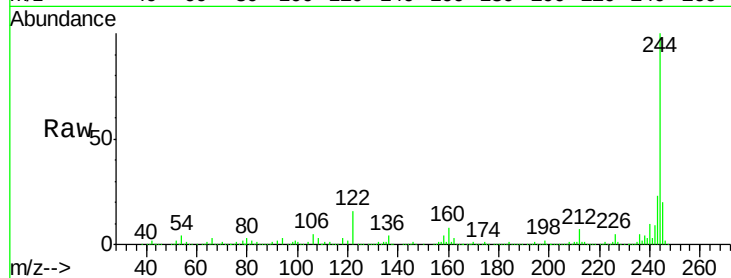




#78
 Terphenyl-d14
 Concen: 64.034 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :
 B6-12-14

Tgt Ion:244 Resp: 1120027
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.9 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion:264 Resp: 249519
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.2 17.2 25.8

