

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096491.D
 Acq On : 5 Jul 2017 18:33
 Operator : SJ/MA
 Sample : I3875-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 01:41:22 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

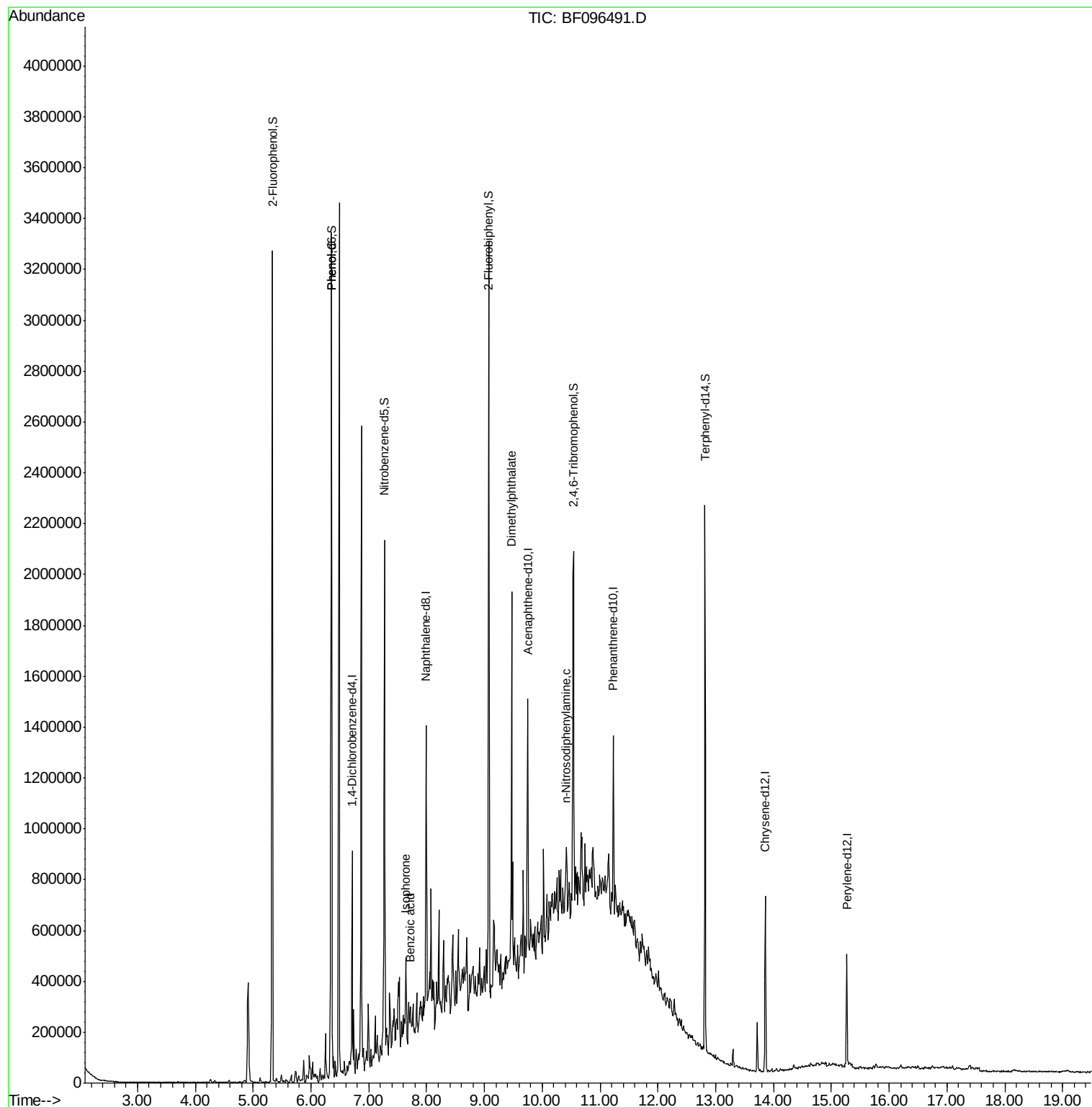
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109230	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	441907	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	185175	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	271719	20.00	ng	0.00
75) Chrysene-d12	13.86	240	221379	20.00	ng	-0.01
86) Perylene-d12	15.27	264	182453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1016195	137.31	ng	0.01
7) Phenol-d6	6.36	99	1264385	138.97	ng	0.00
23) Nitrobenzene-d5	7.27	82	643745	87.54	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	183664	126.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1012359	93.47	ng	0.00
78) Terphenyl-d14	12.82	244	648398	62.59	ng	0.00
Target Compounds						
10) Phenol	6.36	94	38547	3.72	ng	Qvalue 93
25) Isophorone	7.64	82	28962	2.03	ng	# 1
32) Benzoic acid	7.72	122	17822	3.05	ng	97
49) Dimethylphthalate	9.47	163	503172	36.40	ng	99
65) n-Nitrosodiphenylamine	10.42	169	21936	2.30	ng	# 39

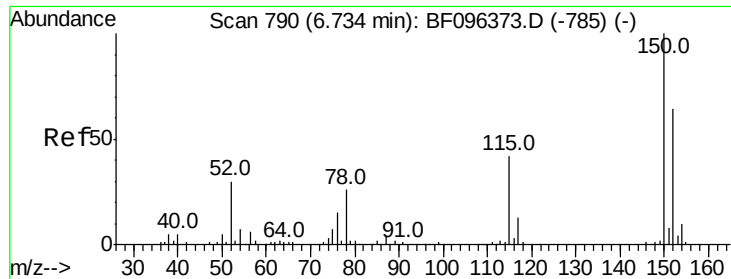
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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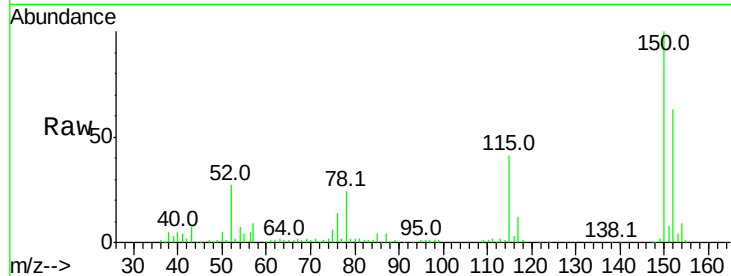


#1

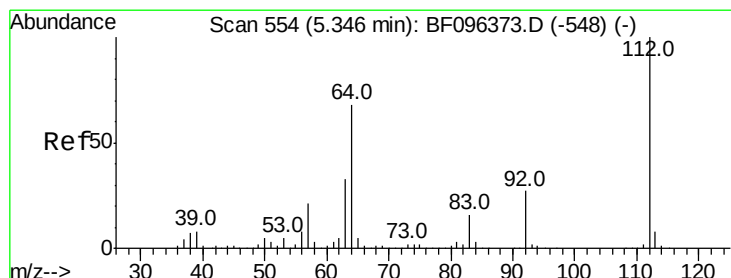
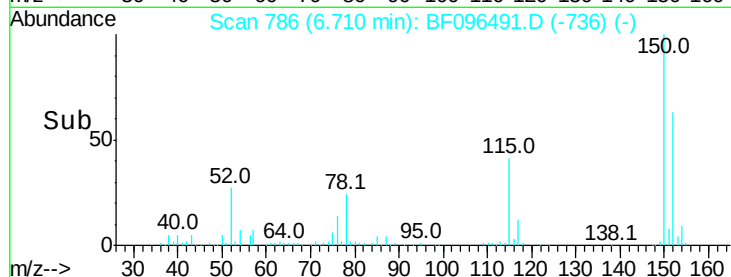
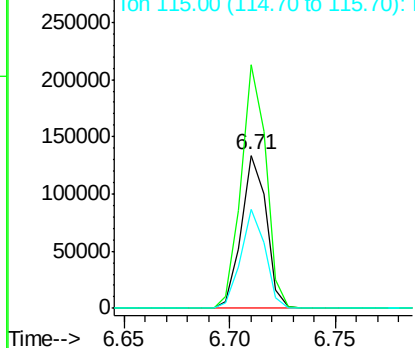
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109230
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 64.8 52.2 78.2



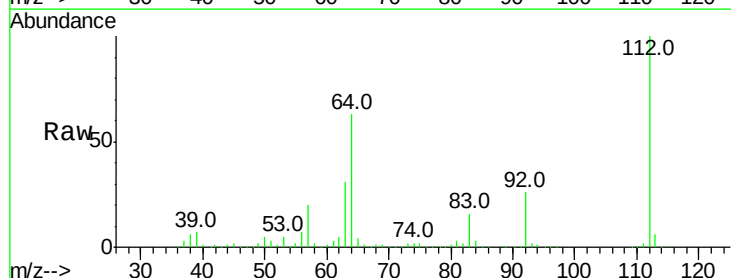
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



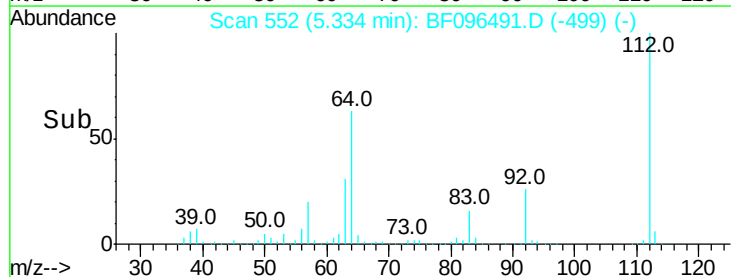
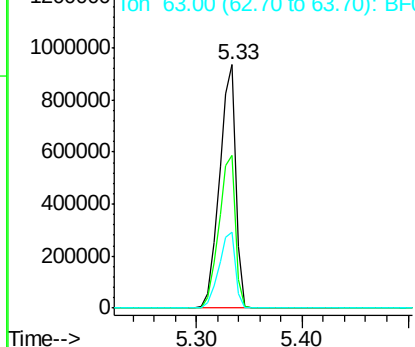
#5

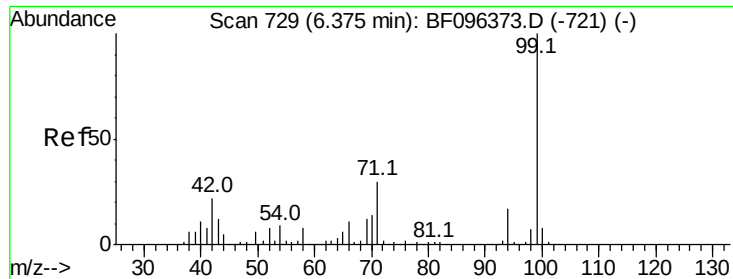
2-Fluorophenol
Concen: 137.31 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Tgt Ion:112 Resp: 1016195
Ion Ratio Lower Upper
112 100
64 62.8 46.0 69.0
63 31.4 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: 138.97 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

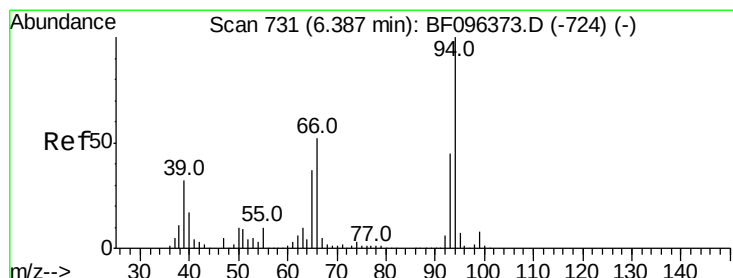
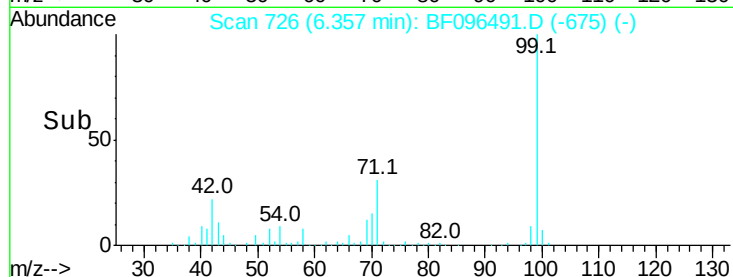
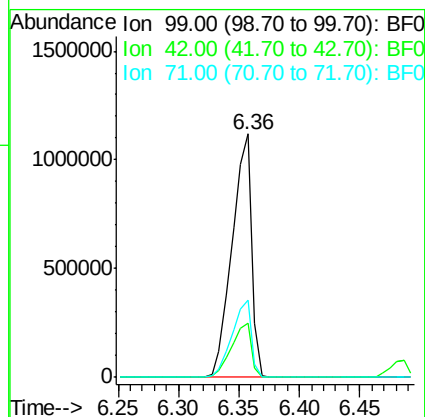
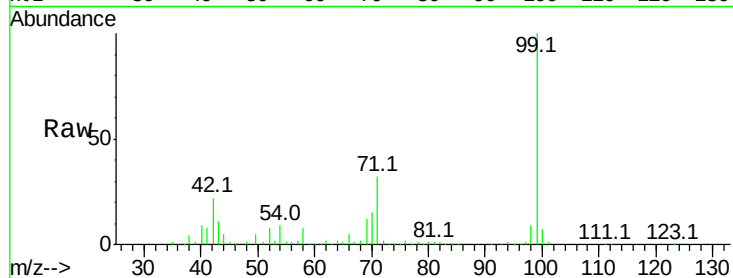
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1264385

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	31.5	24.5	36.7



#10

Phenol

Concen: 3.72 ng

RT: 6.36 min Scan# 727

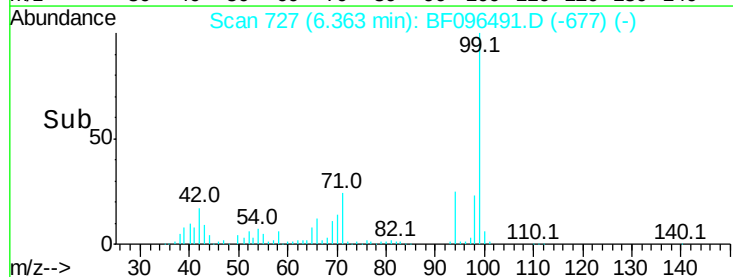
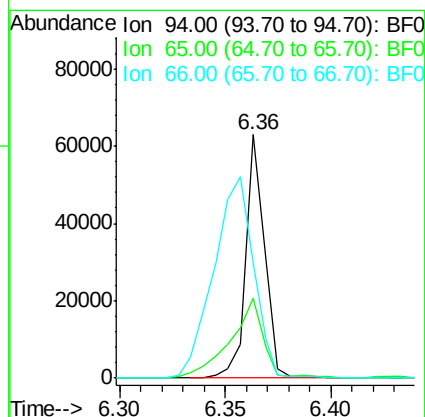
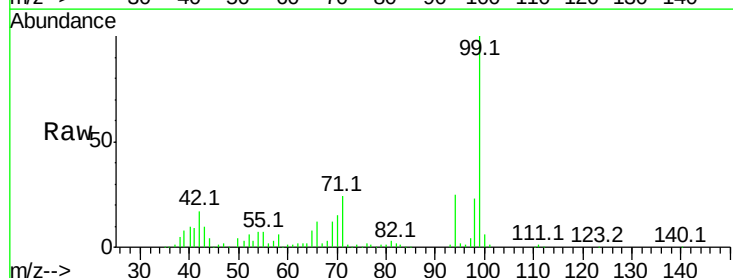
Delta R.T. -0.01 min

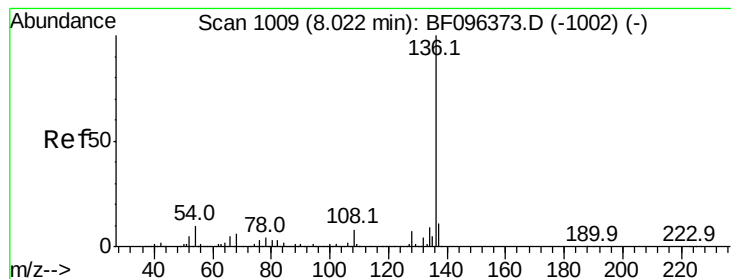
Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

Tgt Ion: 94 Resp: 38547

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.9	49.9
66	47.7	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096491.D

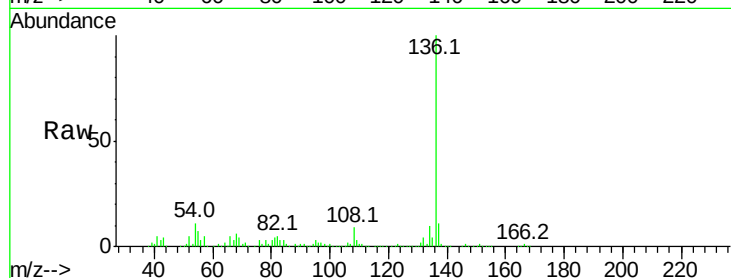
Acq: 5 Jul 2017 18:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	441907
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	10.8	4.9 7.3#
68	5.8	4.1 6.1

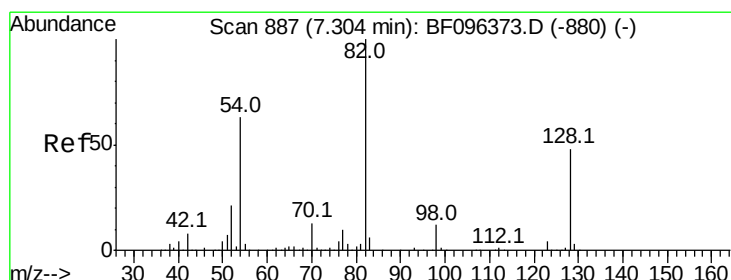
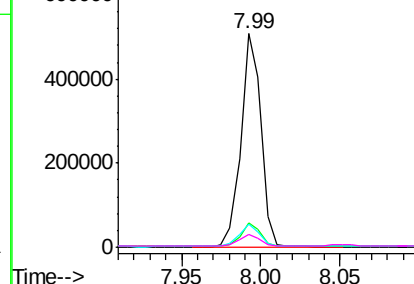
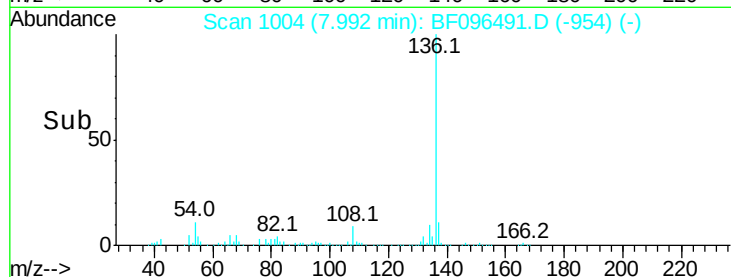


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.54 ng

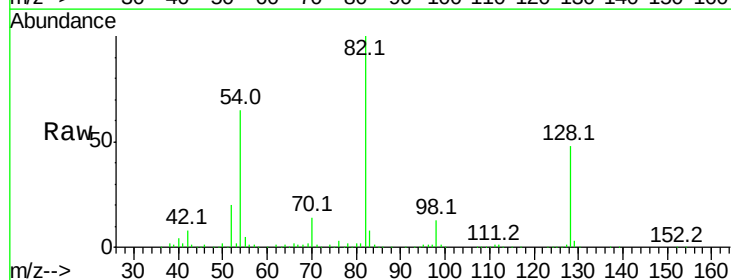
RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

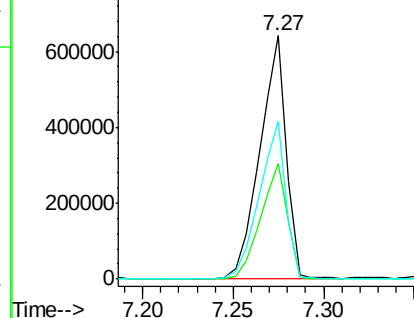
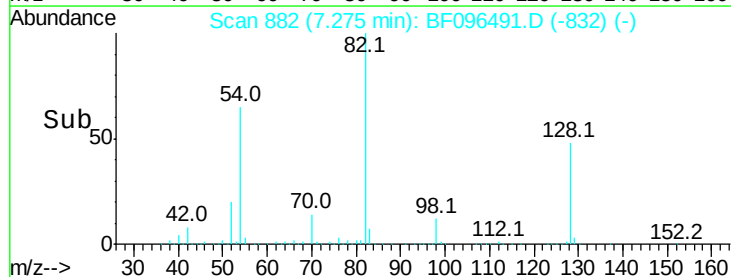
Tgt Ion: 82	Resp:	643745
Ion Ratio	Lower	Upper
82	100	
128	47.6	34.0 51.0
54	64.9	42.2 63.2#

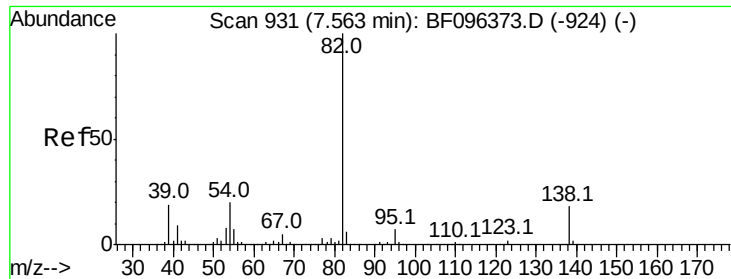


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 2.03 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.10 min

Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

Instrument :

BNA_F

ClientSampleId :

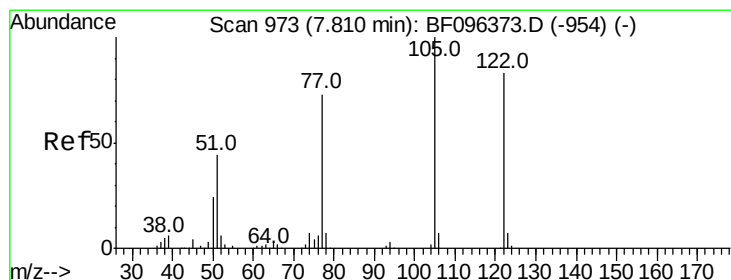
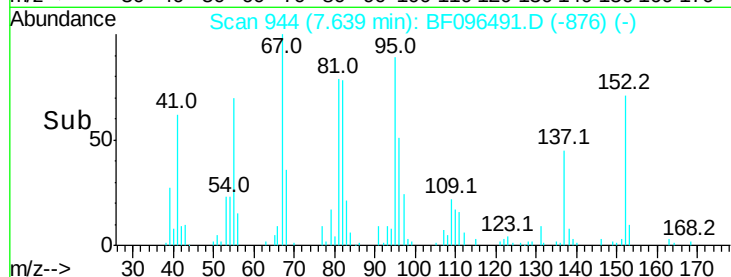
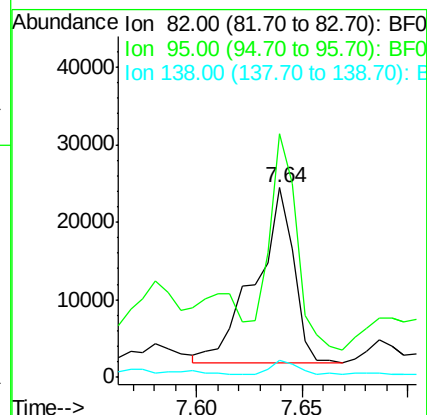
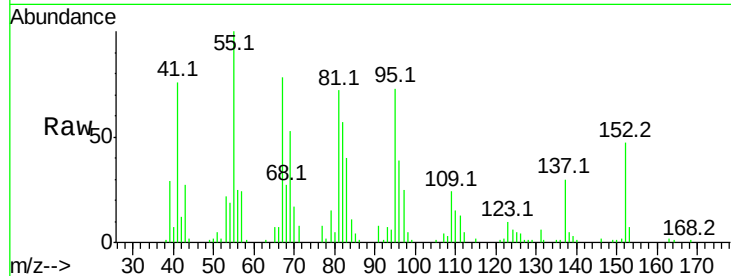
Tot Ion: 82 Resp: 28962

Ion Ratio Lower Upper

82 100

95 128.4 5.3 7.9#

138 9.2 13.1 19.7#



#32

Benzoic acid

Concen: 3.05 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.08 min

Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

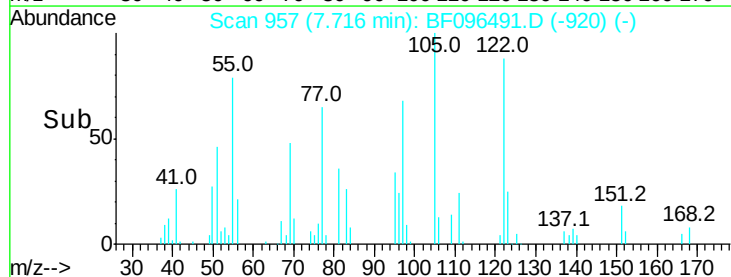
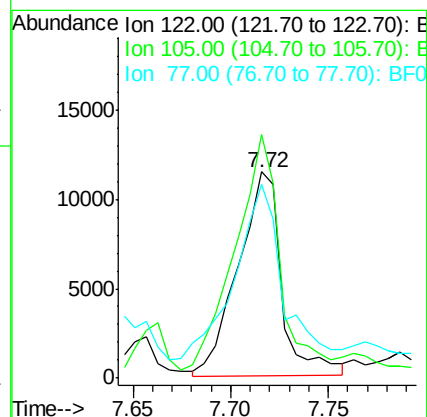
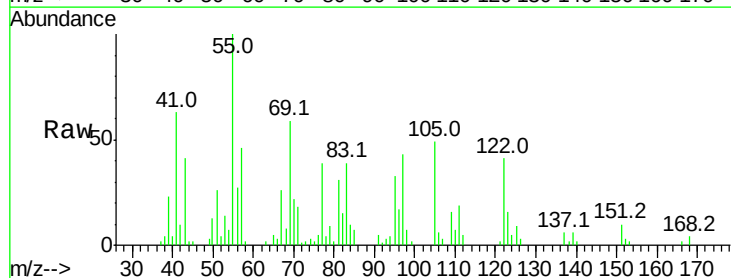
Tgt Ion: 122 Resp: 17822

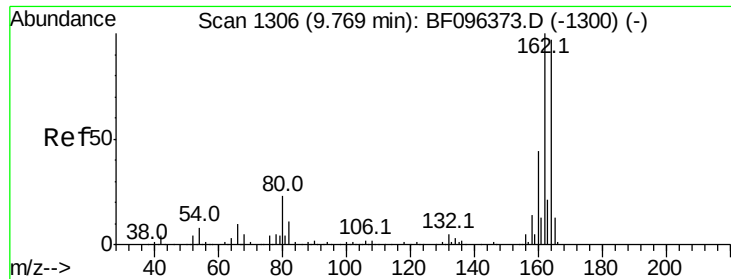
Ion Ratio Lower Upper

122 100

105 118.3 103.3 143.3

77 93.9 73.7 113.7

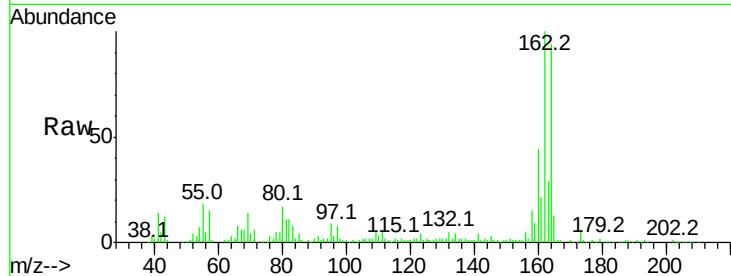




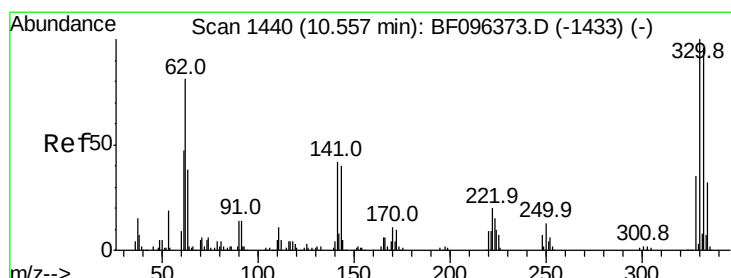
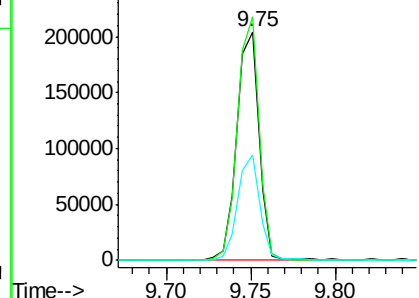
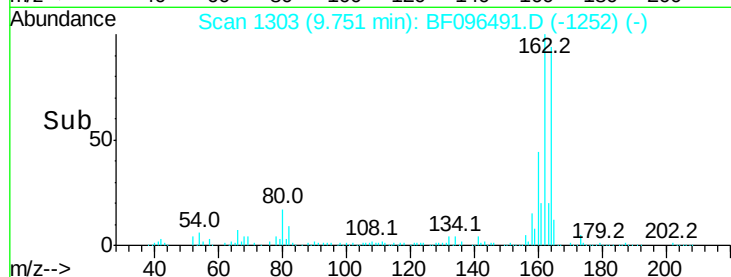
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 185175
Ion Ratio Lower Upper
164 100
162 106.6 82.6 123.8
160 46.4 36.2 54.2

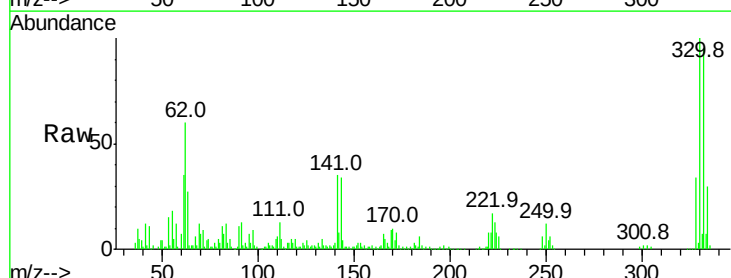


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

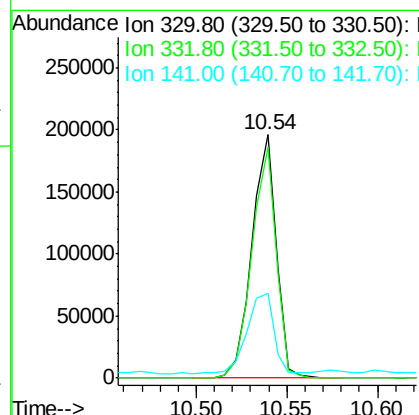
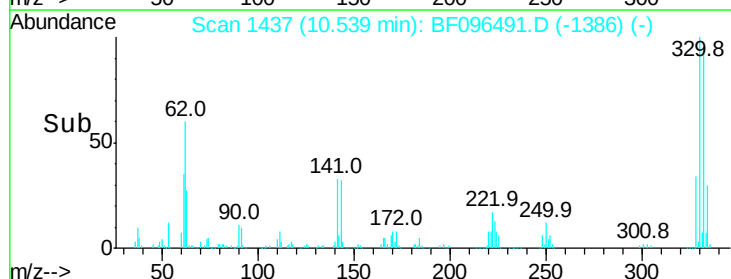


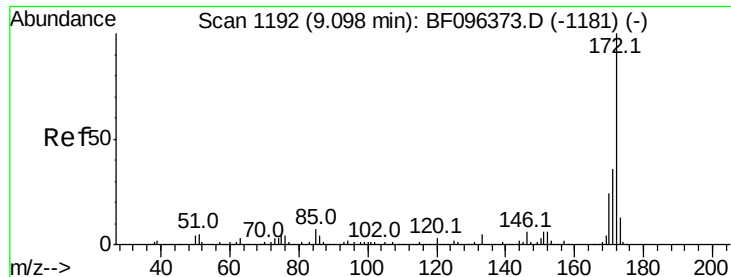
#41
2,4,6-Tribromophenol
Concen: 126.98 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Tgt Ion:330 Resp: 183664
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 37.4 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

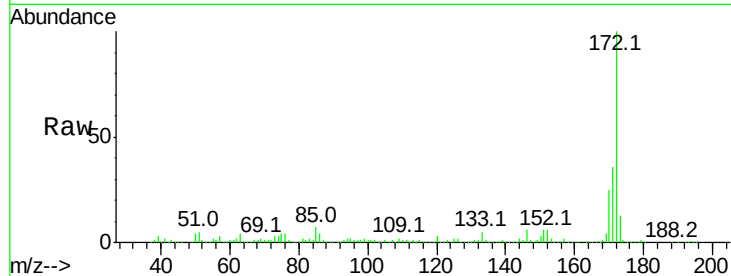




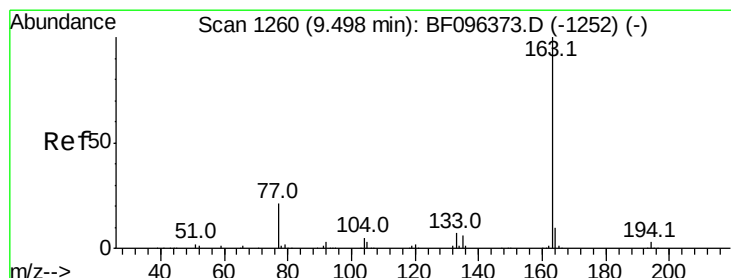
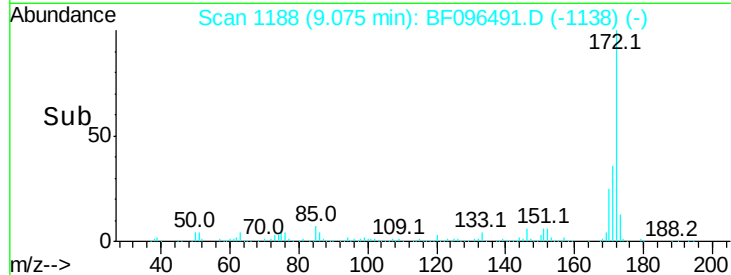
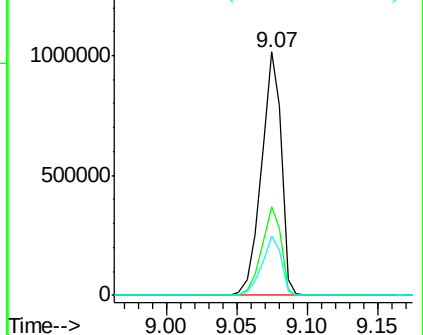
#44
2-Fluorobiphenyl
Concen: 93.47 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1012359
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.6 19.8 29.8

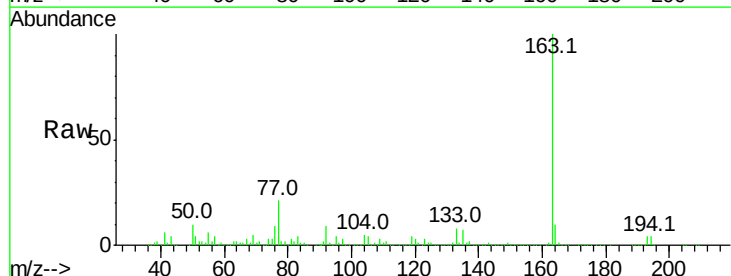


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

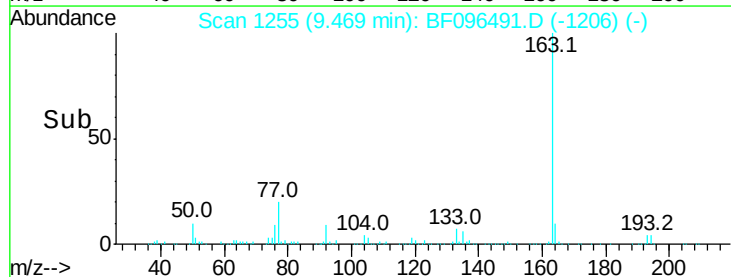
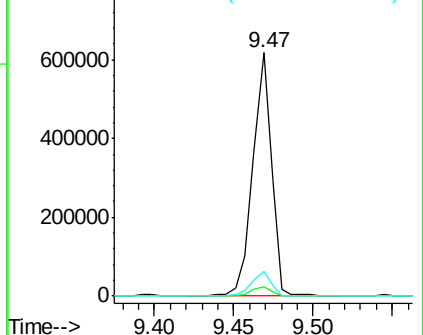


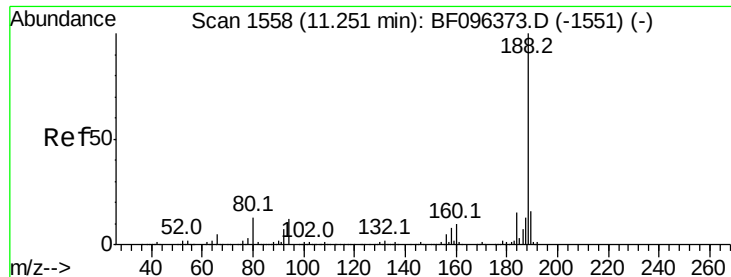
#49
Dimethylphthalate
Concen: 36.40 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Tgt Ion:163 Resp: 503172
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 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

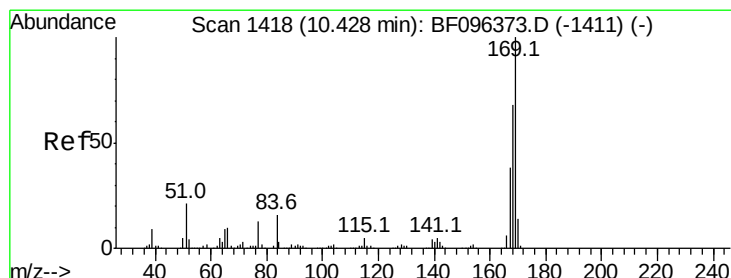
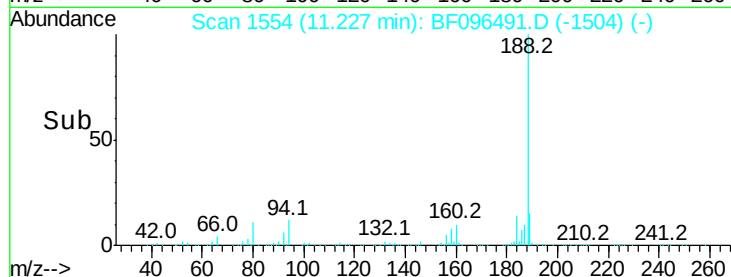
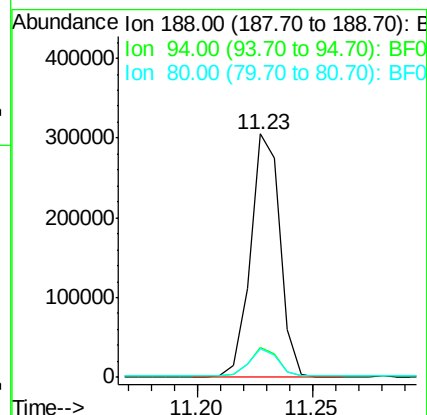
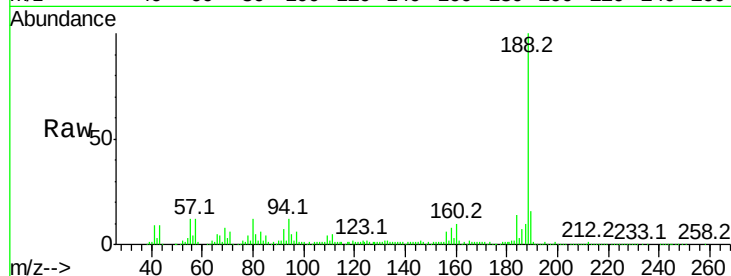




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

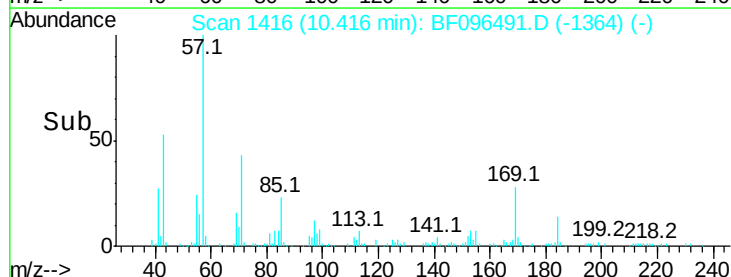
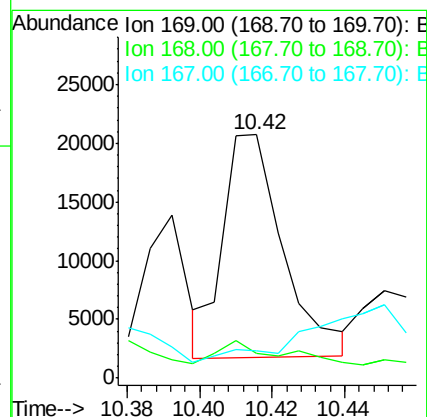
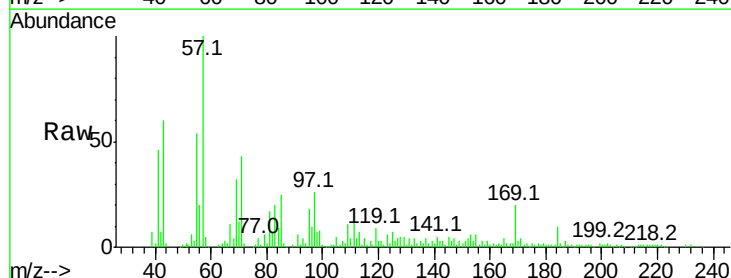
Instrument :
BNA_F
ClientSampleId :

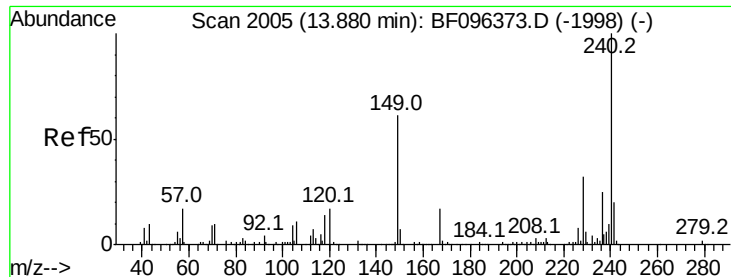
Tot Ion:188 Resp: 271719
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 11.9 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 2.30 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Tgt Ion:169 Resp: 21936
Ion Ratio Lower Upper
169 100
168 10.3 53.2 79.8#
167 11.0 29.5 44.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

Instrument :

BNA_F

ClientSampleId :

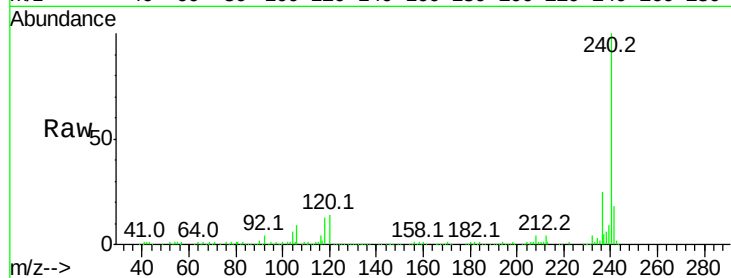
Tot Ion:240 Resp: 221379

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

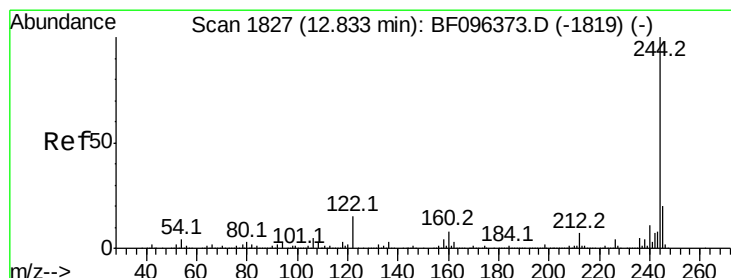
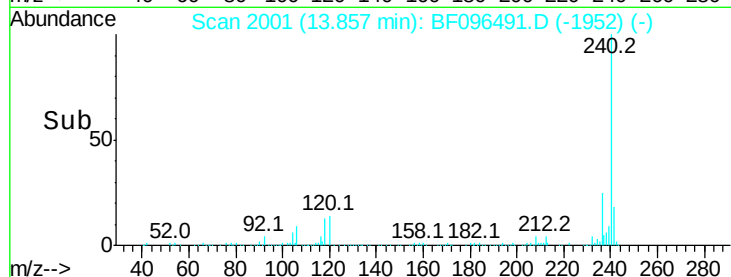
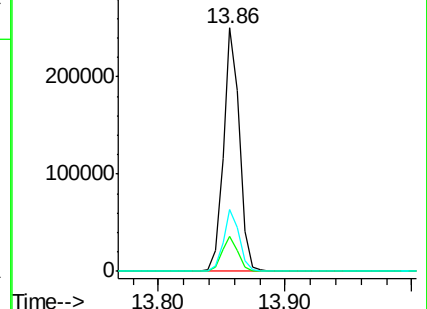
236 25.3 20.5 30.7



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: 62.59 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096491.D

Acq: 5 Jul 2017 18:33

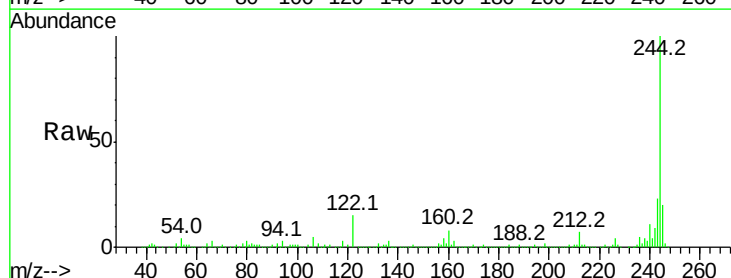
Tgt Ion:244 Resp: 648398

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

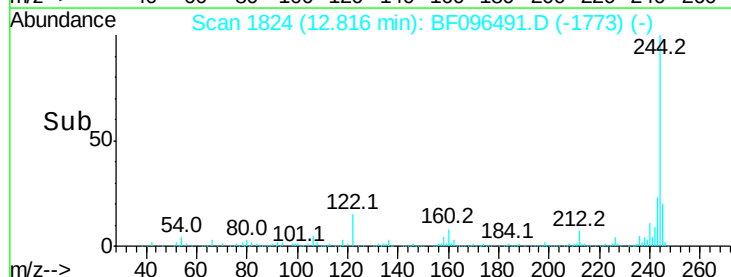
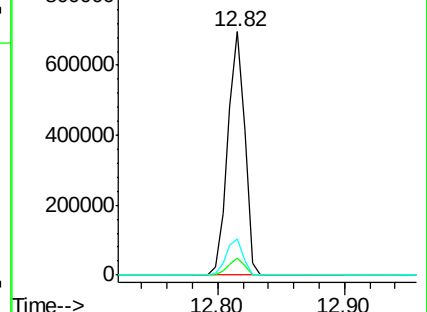
122 15.0 10.3 15.5

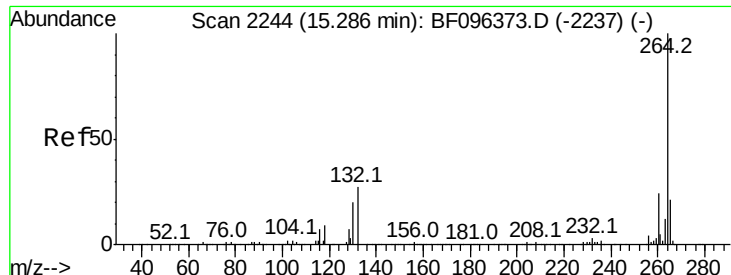


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

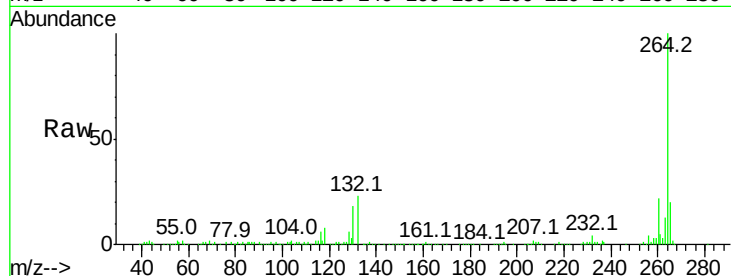




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096491.D
Acq: 5 Jul 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.3	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

