

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
 Data File : BF096543.D
 Acq On : 6 Jul 2017 19:48
 Operator : SJ/MA
 Sample : I3972-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:23:40 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

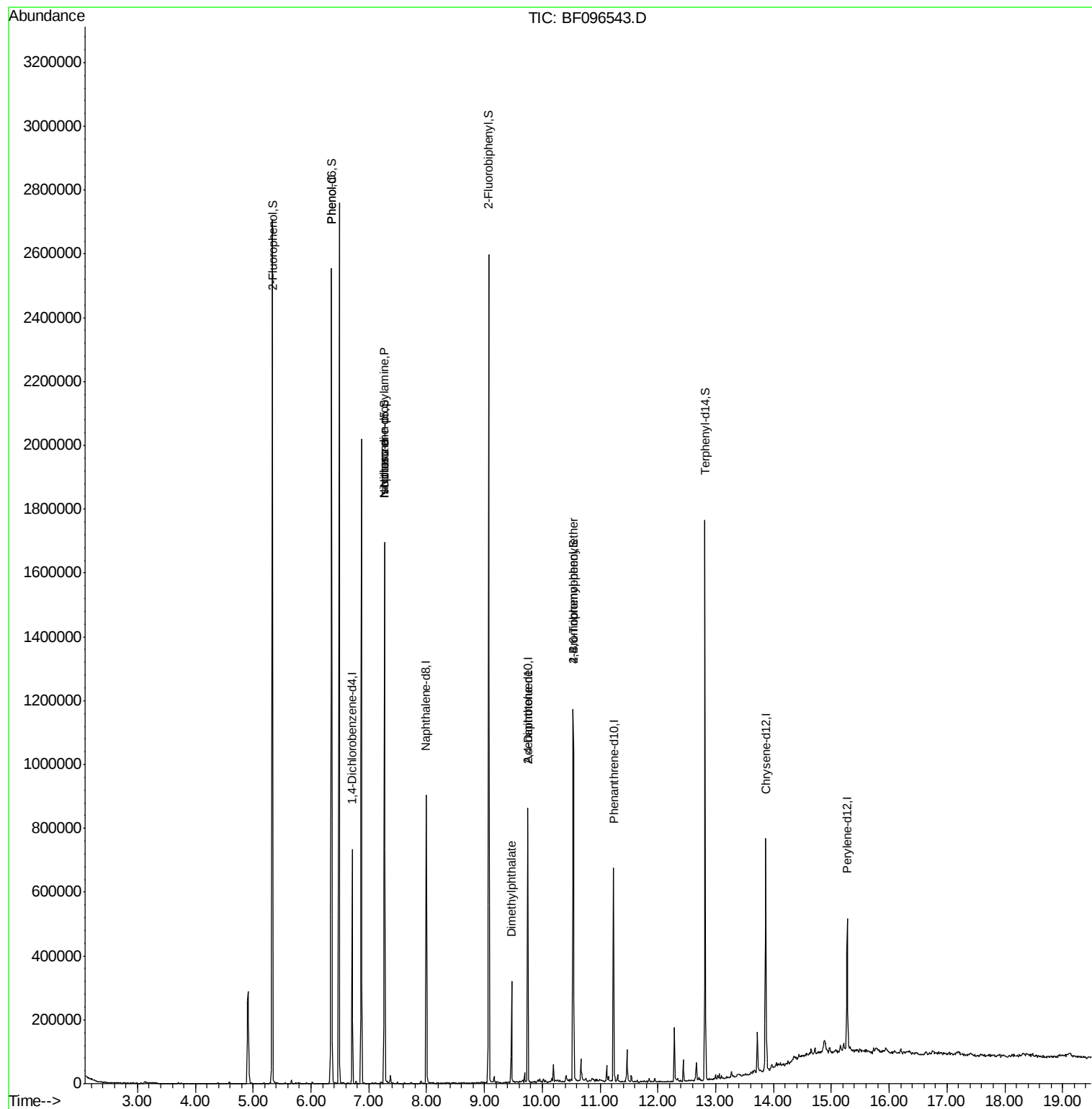
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108156	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	437805	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168332	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	252319	20.00	ng	0.00
75) Chrysene-d12	13.86	240	227822	20.00	ng	0.00
86) Perylene-d12	15.27	264	172644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	752060	102.63	ng	0.01
7) Phenol-d6	6.36	99	889467	98.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	505780	69.42	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	136776	104.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	785132	79.75	ng	0.00
78) Terphenyl-d14	12.82	244	531750	49.88	ng	0.00
Target Compounds						
10) Phenol	6.36	94	32289	3.15	ng	80
19) n-Nitroso-di-n-propylamine	7.27	70	66136	12.32	ng	# 88
25) Isophorone	7.27	82	501010	35.47	ng	# 67
49) Dimethylphthalate	9.47	163	129220	10.28	ng	98
56) 2,4-Dinitrotoluene	9.75	165	21507	6.11	ng	# 33
66) 4-Bromophenyl-phenylether	10.54	248	8782	3.58	ng	# 1

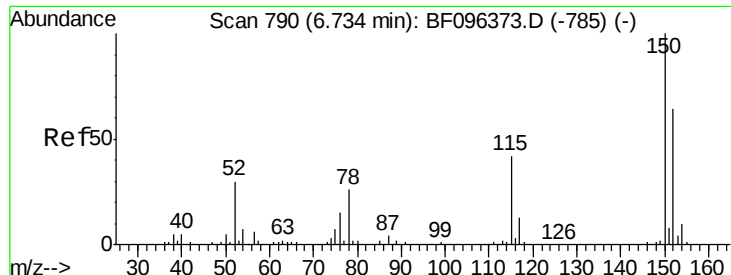
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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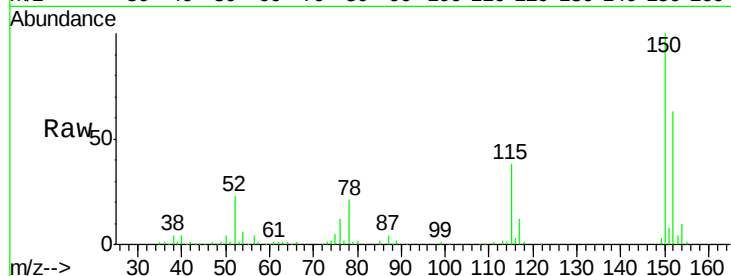


#1

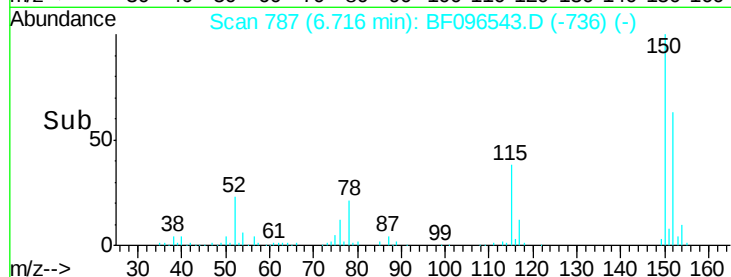
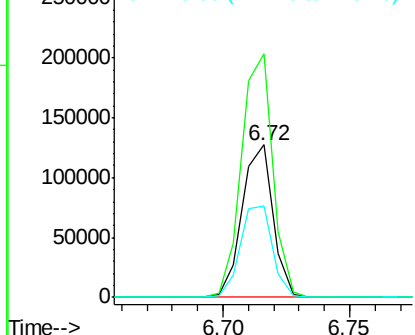
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108156
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 60.3 52.2 78.2



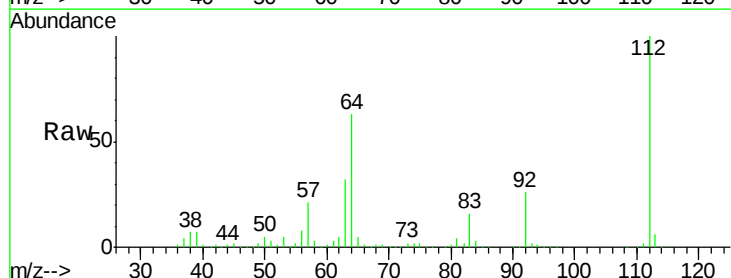
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



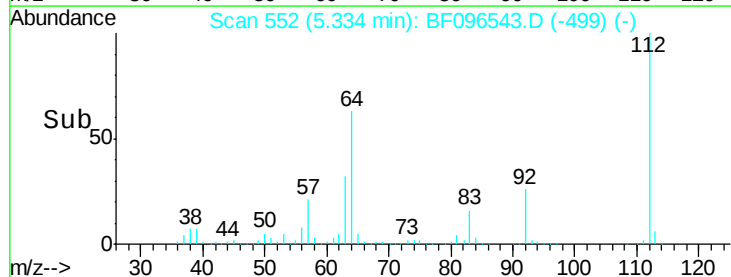
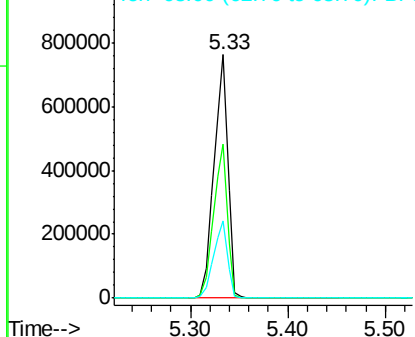
#5

2-Fluorophenol
Concen: 102.63 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Tgt Ion:112 Resp: 752060
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 31.8 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: 98.74 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

Instrument :

BNA_F

ClientSampled :

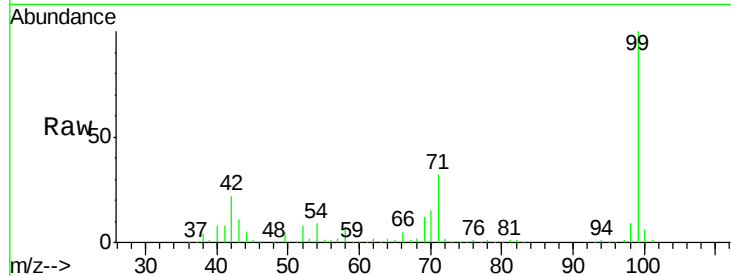
Tot Ion: 99 Resp: 889467

Ion Ratio Lower Upper

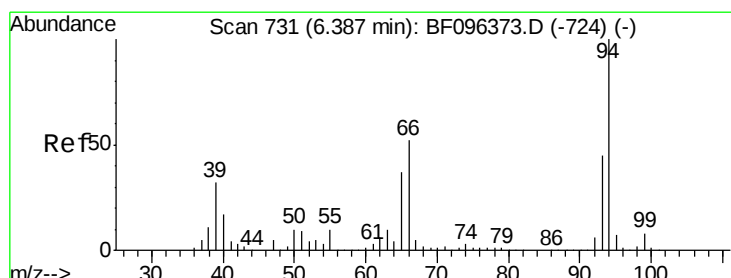
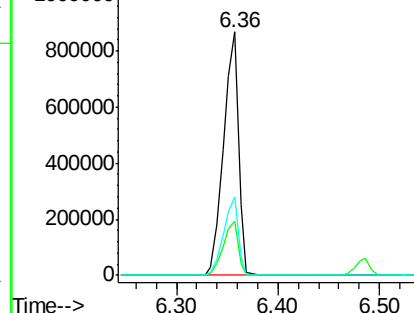
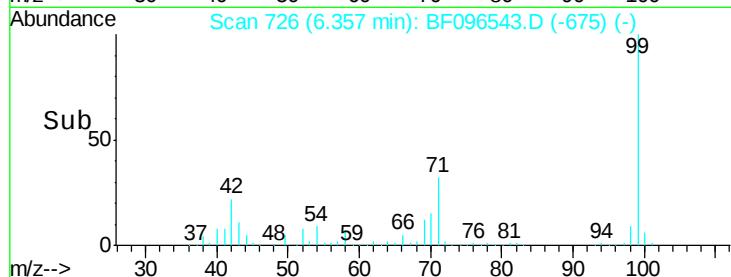
99 100

42 22.0 13.5 20.3#

71 32.3 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



#10

Phenol

Concen: 3.15 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

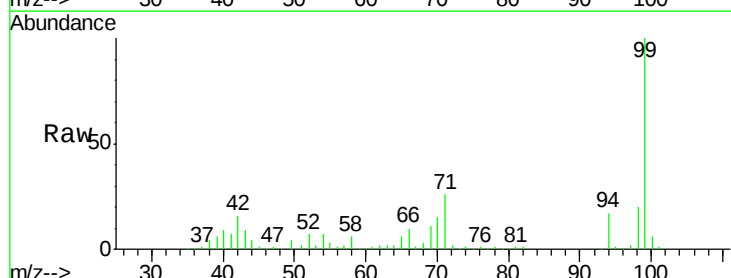
Tgt Ion: 94 Resp: 32289

Ion Ratio Lower Upper

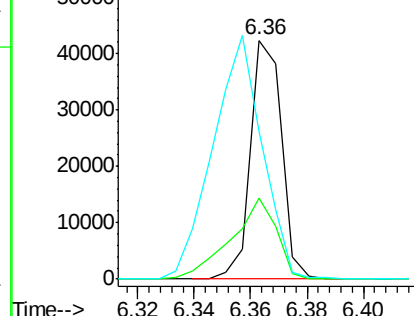
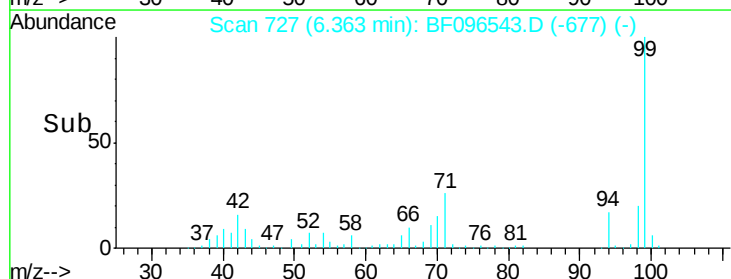
94 100

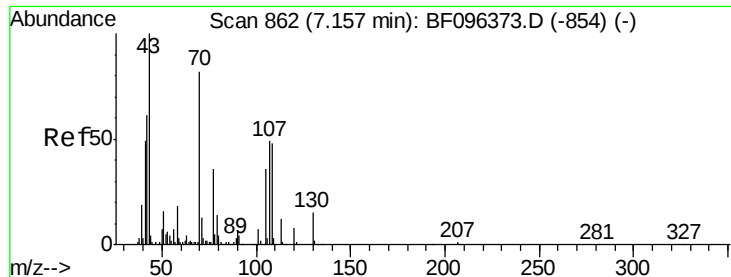
65 33.9 9.9 49.9

66 61.8 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

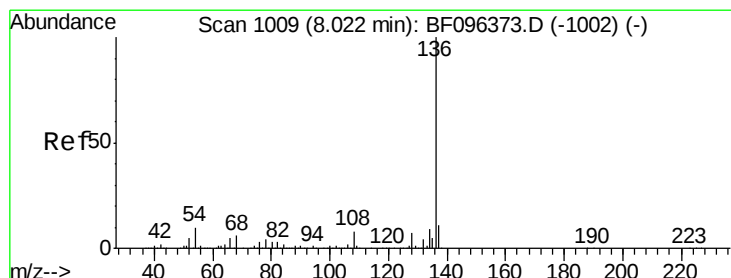
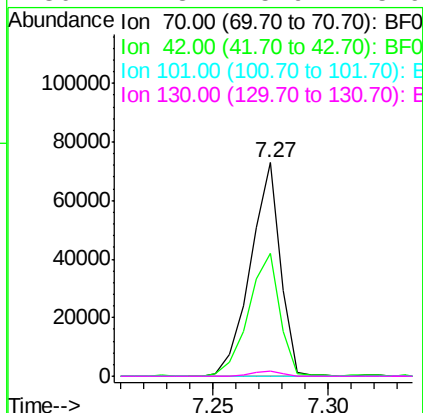
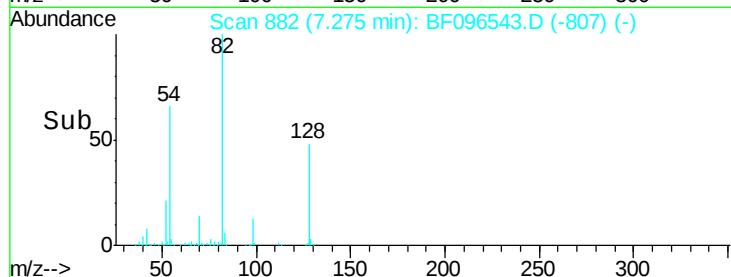
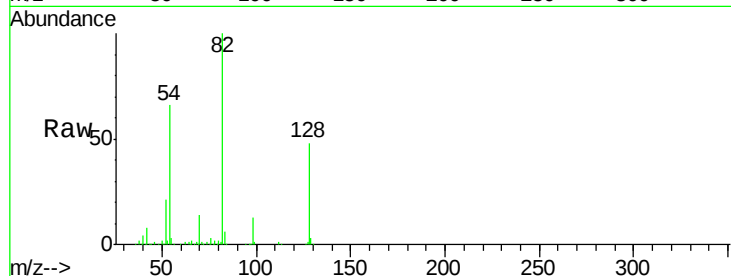




#19
n-Nitroso-di-n-propylamine
Concen: 12.32 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

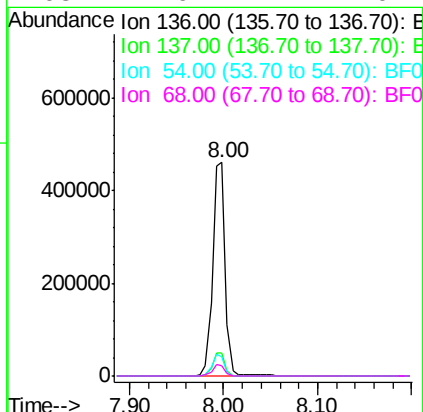
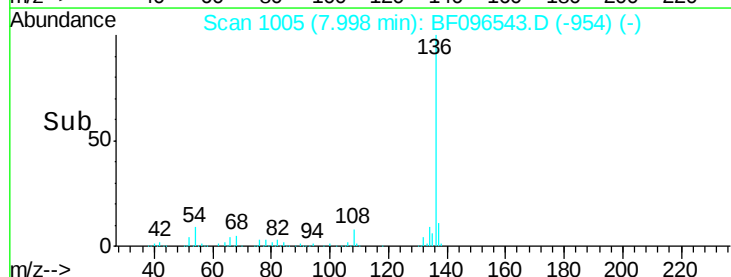
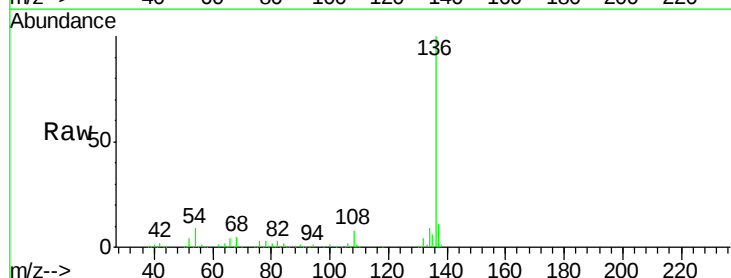
Instrument :
BNA_F
ClientSampleId :

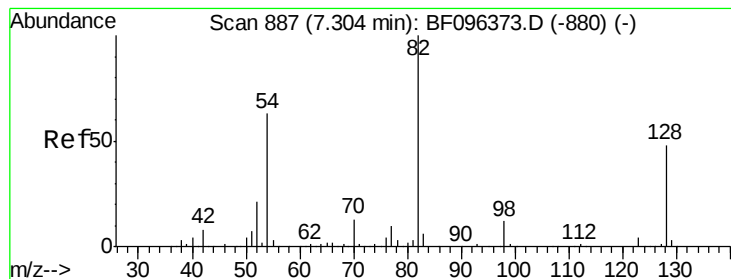
Tot Ion: 70 Resp: 66136
Ion Ratio Lower Upper
70 100
42 57.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096543.D
Acq: 6 Jul 2017 19:48

Tgt Ion: 136 Resp: 437805
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.7 4.9 7.3#
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 69.42 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

Instrument :

BNA_F

ClientSampleId :

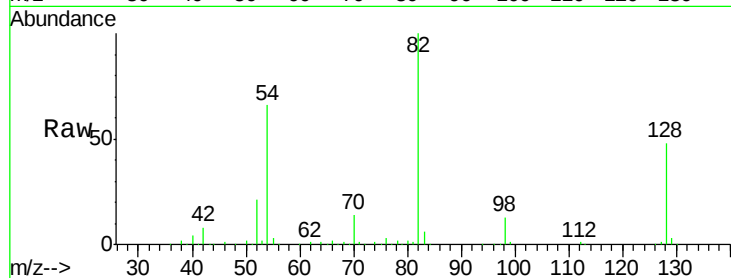
Tot Ion: 82 Resp: 505780

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

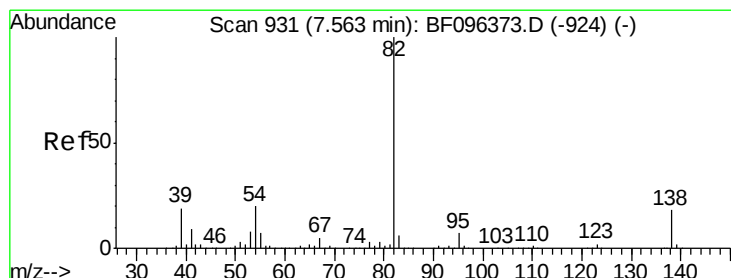
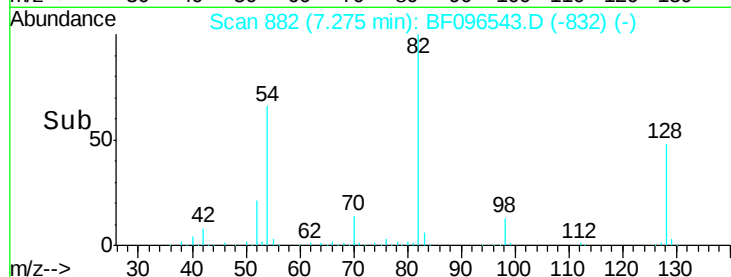
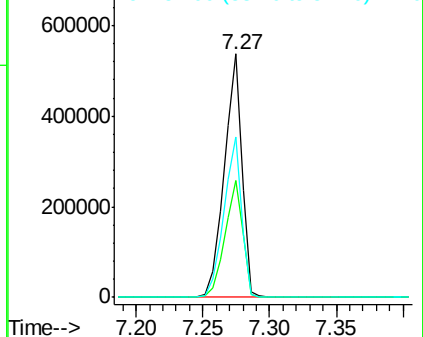
54 65.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.47 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

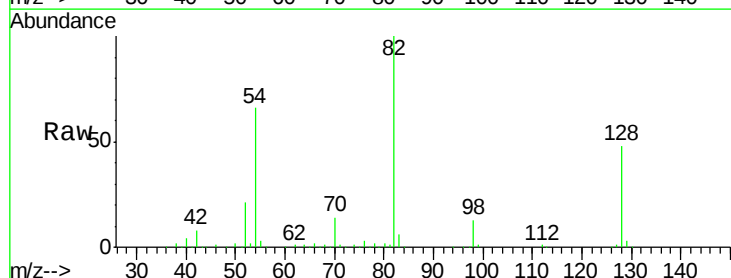
Tgt Ion: 82 Resp: 501010

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

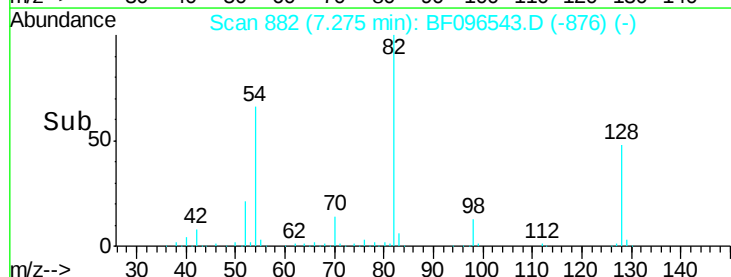
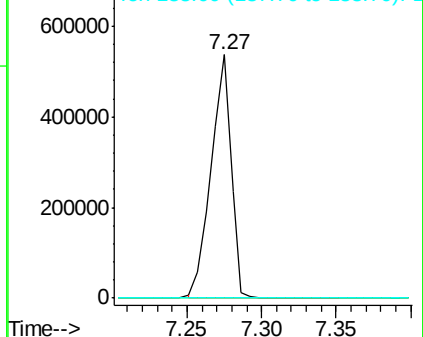
138 0.0 13.1 19.7#

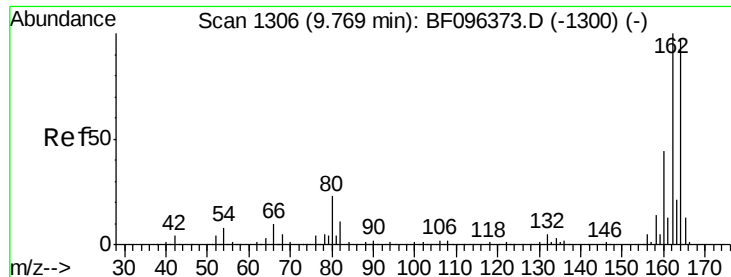


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

Instrument :

BNA_F

ClientSampled :

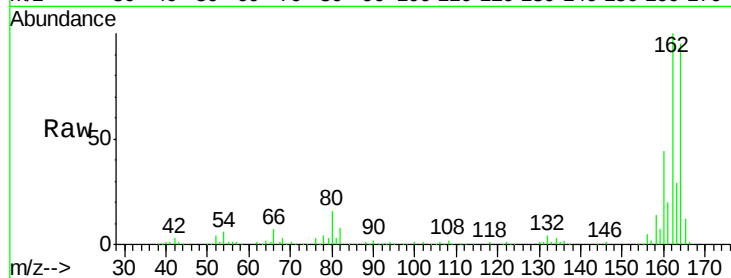
Tot Ion:164 Resp: 168332

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

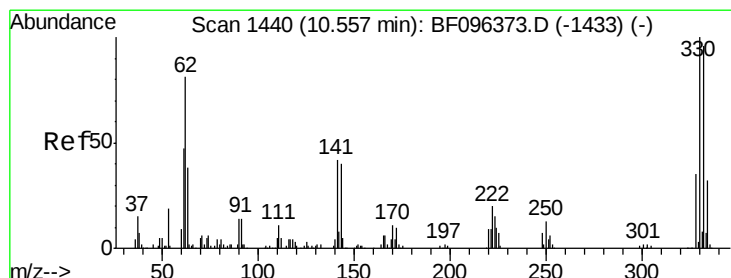
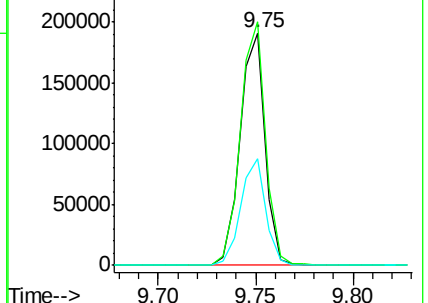
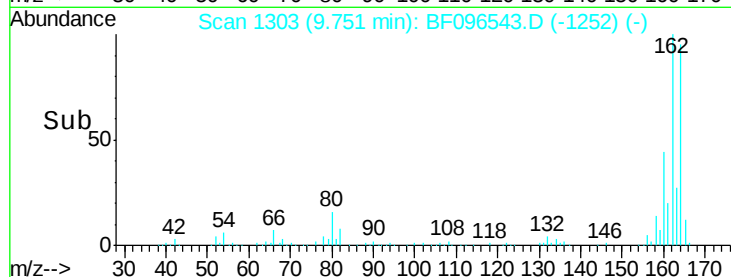
160 46.0 36.2 54.2



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: 104.02 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

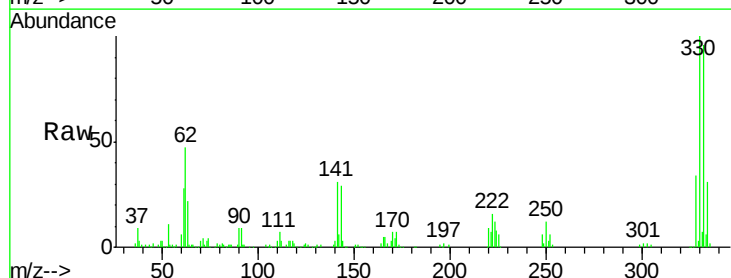
Tgt Ion:330 Resp: 136776

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

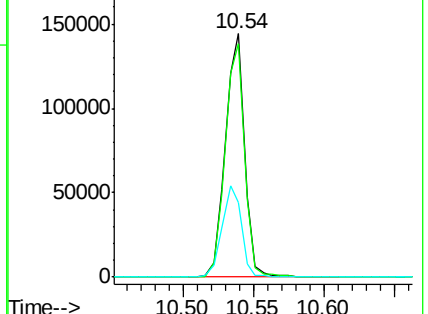
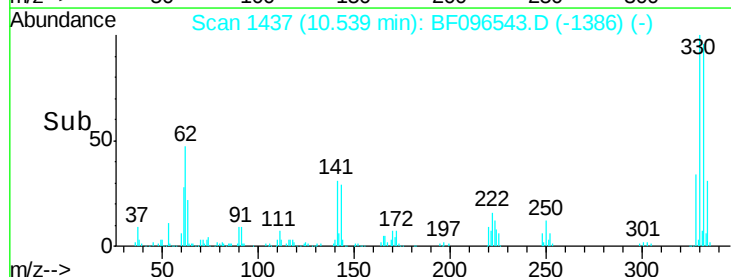
141 37.8 31.4 47.2

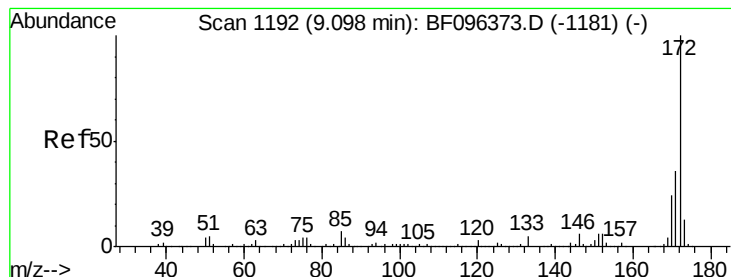


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.75 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

Instrument :

BNA_F

ClientSampleId :

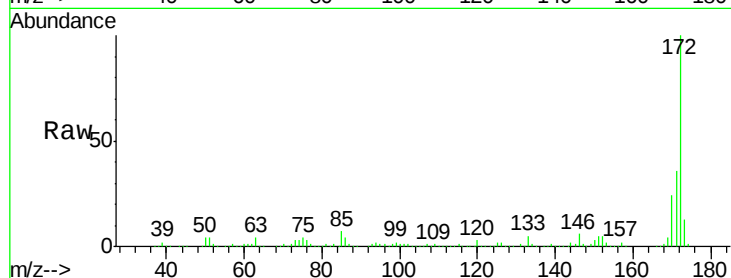
Tot Ion:172 Resp: 785132

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

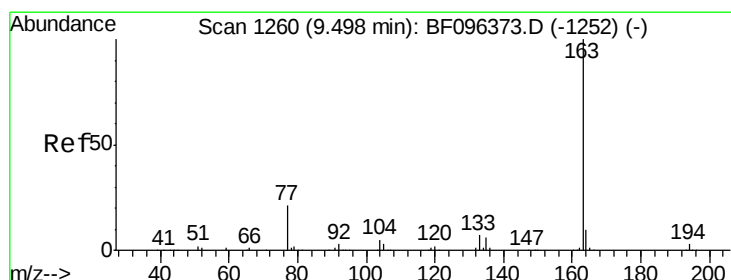
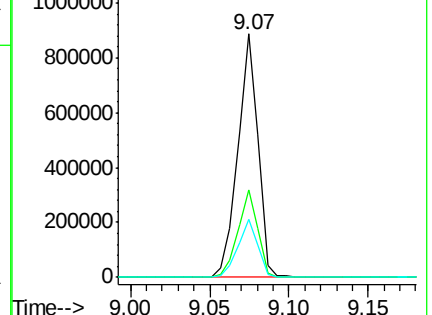
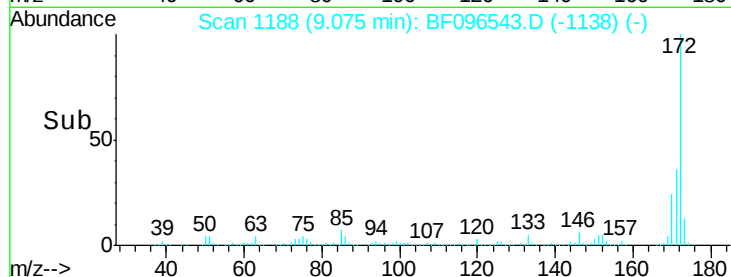
170 23.8 19.8 29.8



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: 10.28 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF096543.D

Acq: 6 Jul 2017 19:48

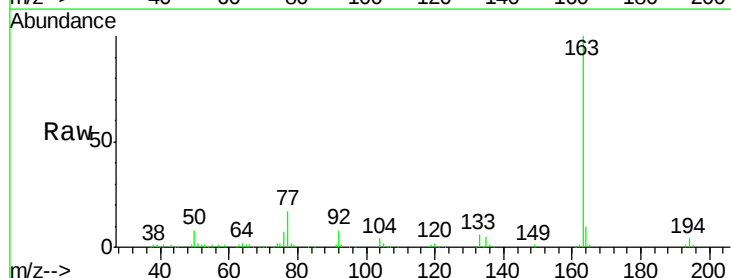
Tgt Ion:163 Resp: 129220

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

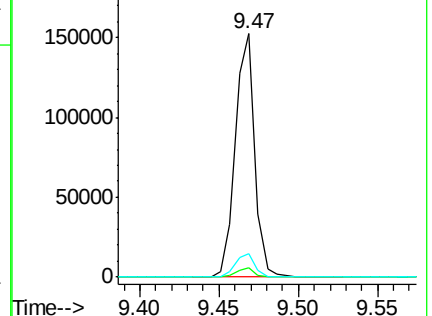
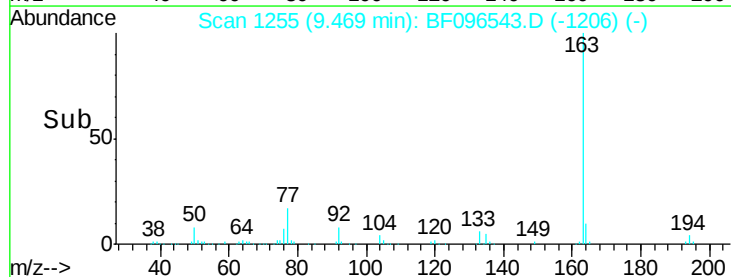
164 9.5 8.4 12.6

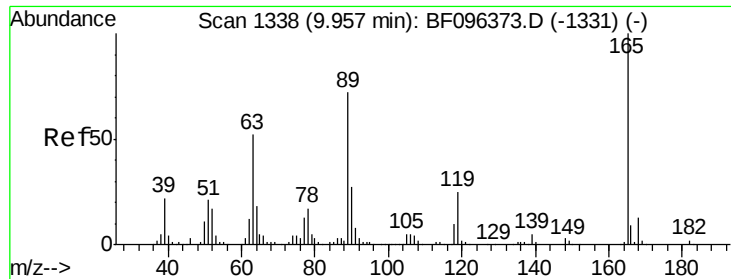


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

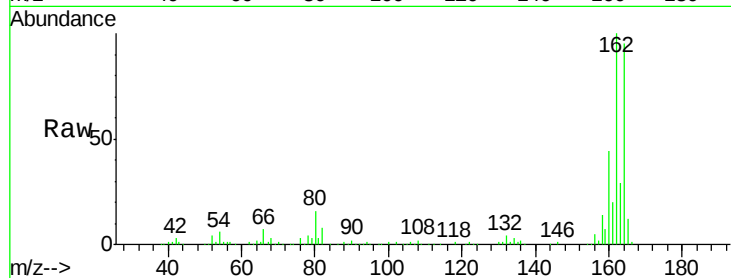




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

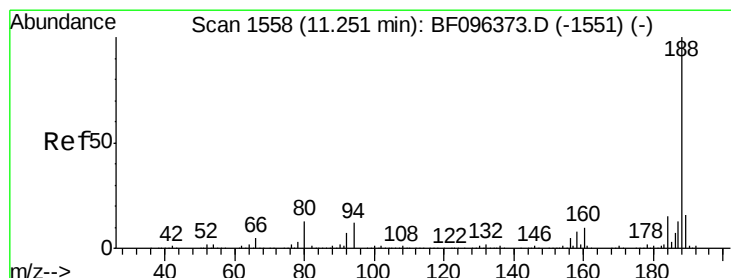
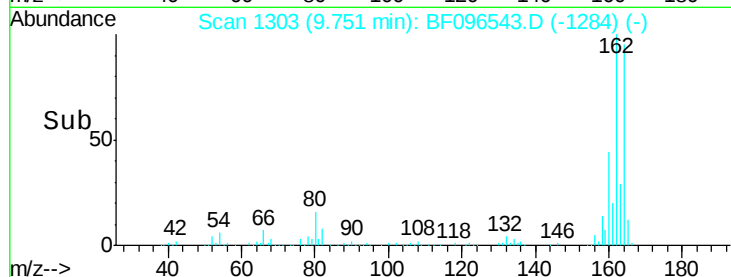
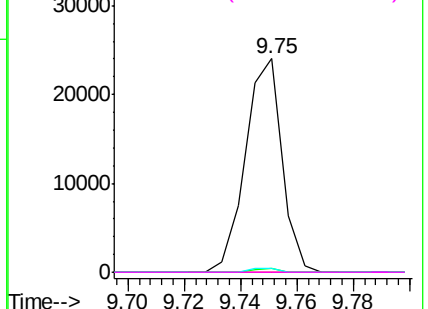


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



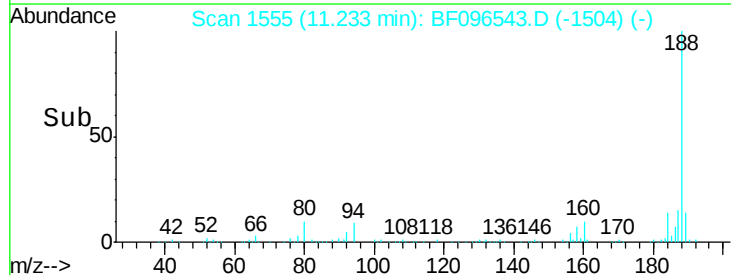
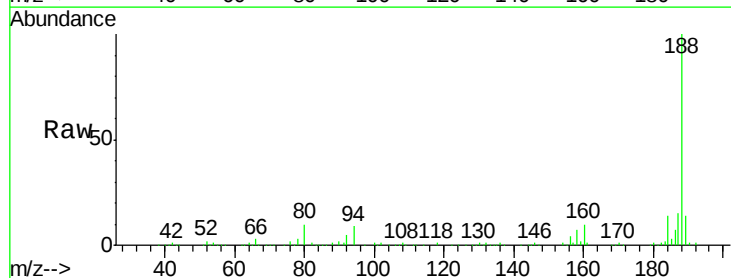
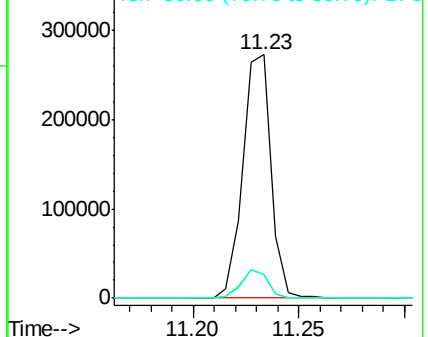
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

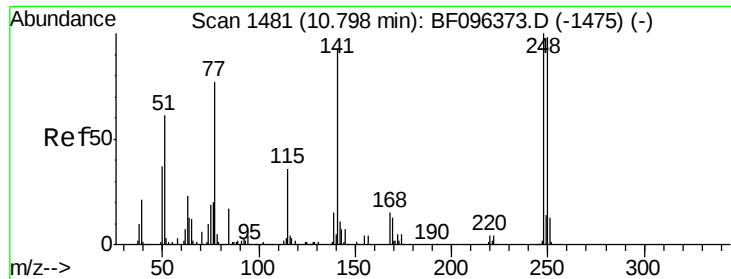
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	9.7	10.2	15.2#

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

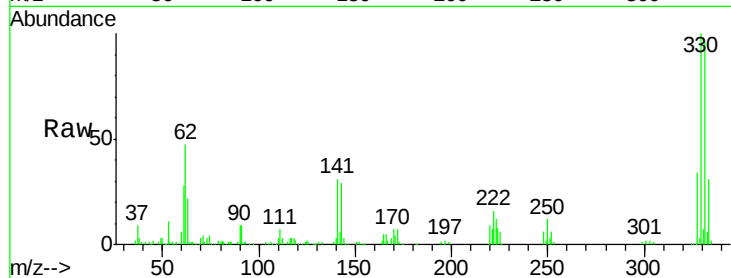




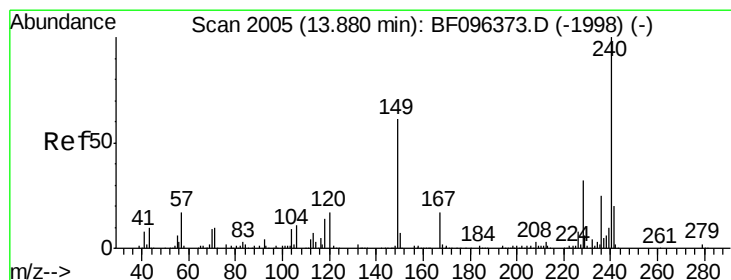
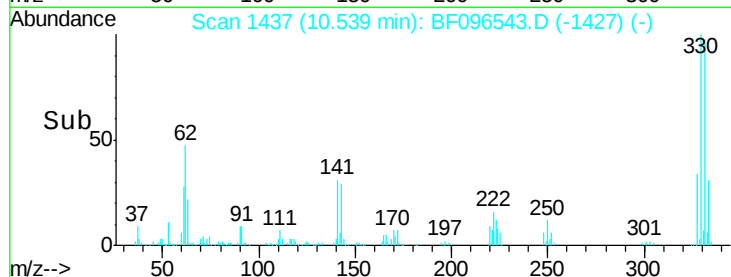
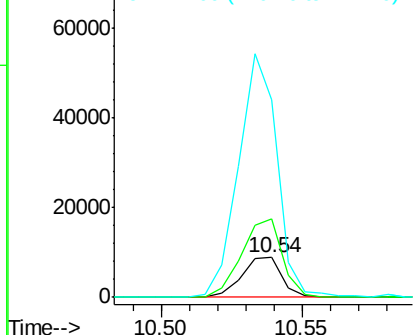
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8782
 Ion Ratio Lower Upper
 248 100
 250 198.5 76.8 115.2#
 141 501.3 68.6 103.0#

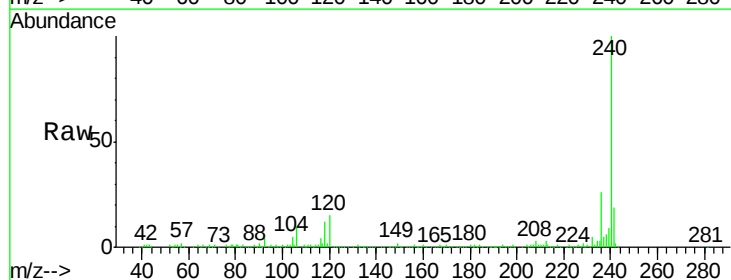


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

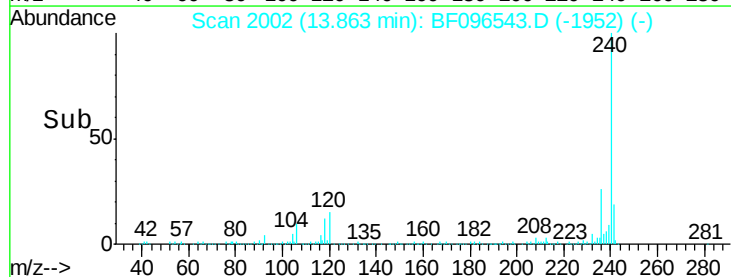
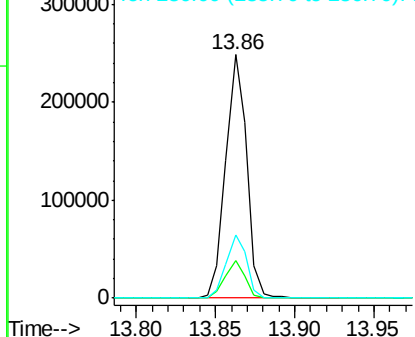


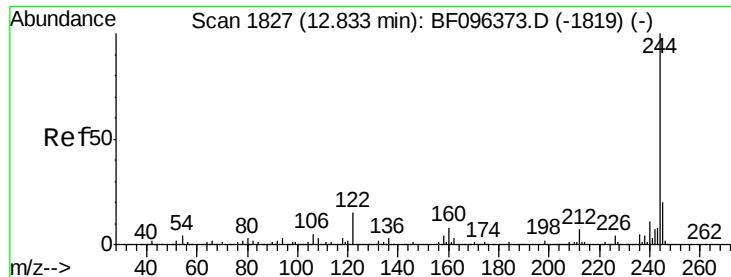
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Tgt Ion:240 Resp: 227822
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 26.0 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

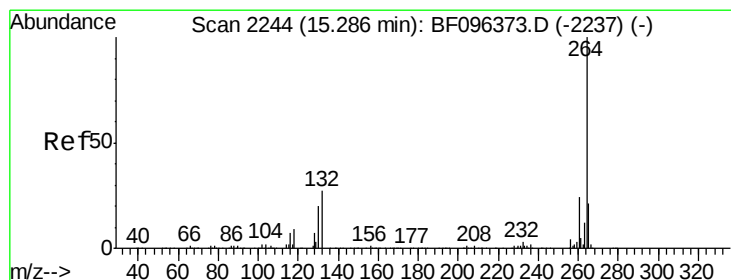
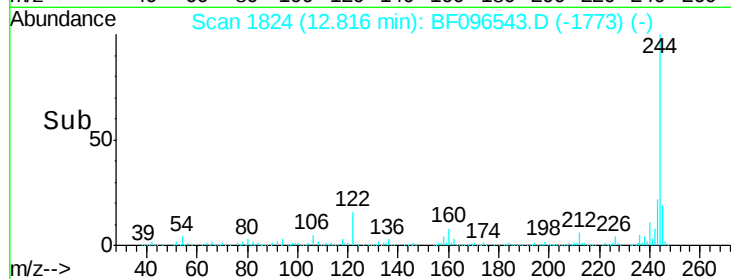
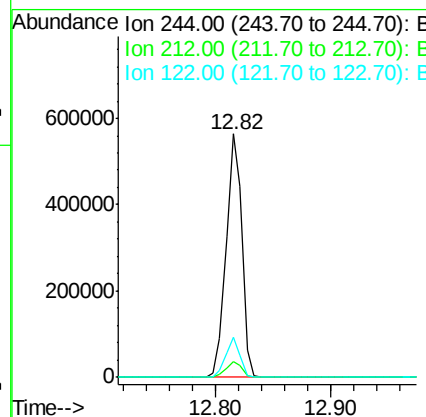
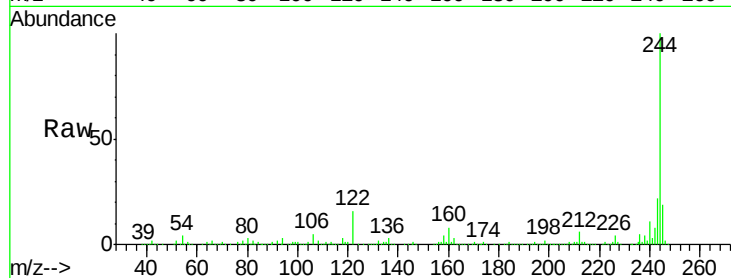




#78
 Terphenyl-d14
 Concen: 49.88 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096543.D
 Acq: 6 Jul 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 531750
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 16.3 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: BF096543.D
 Acq: 6 Jul 2017 19:48

Tgt Ion:264 Resp: 172644
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.6 17.2 25.8

