

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099171.D
 Acq On : 7 Oct 2017 2:18
 Operator : SJ/JU
 Sample : I5542-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 02:51:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

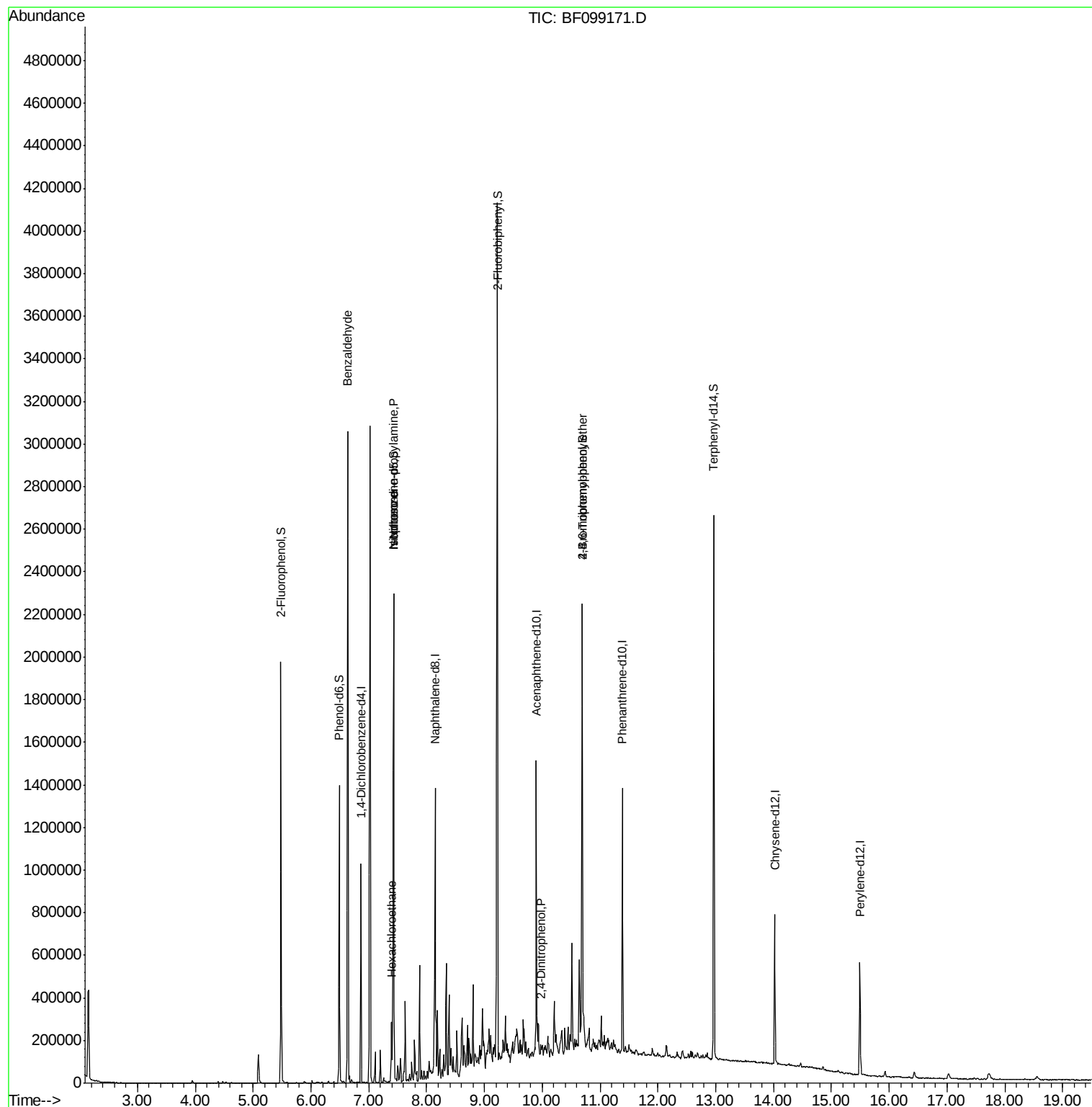
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138799	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	560449	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	250921	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	399309	20.00	ng	0.00
75) Chrysene-d12	14.02	240	213154	20.00	ng	-0.01
86) Perylene-d12	15.50	264	230722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	601905	69.03	ng	0.00
7) Phenol-d6	6.49	99	462050	42.96	ng	0.00
23) Nitrobenzene-d5	7.43	82	796381	91.13	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	265464	129.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1374147	91.42	ng	0.00
78) Terphenyl-d14	12.97	244	858948	91.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18585	2.98	ng	Qvalue 86
18) Hexachloroethane	7.39	117	27849	7.36	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	102818	14.97	ng	# 74
25) Isophorone	7.43	82	796210	44.07	ng	# 64
53) 2,4-Dinitrophenol	9.98	184	106	5.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	17076	4.37	ng	# 1

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

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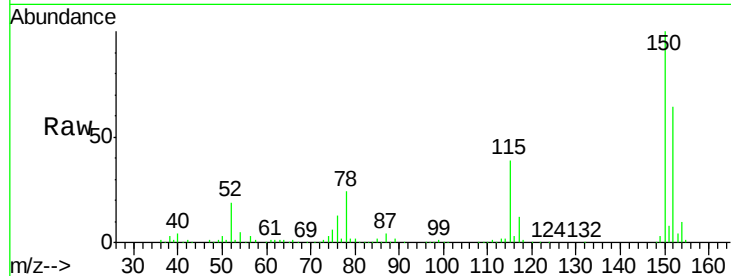


#1

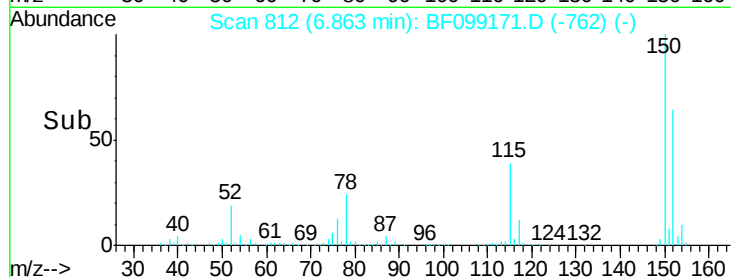
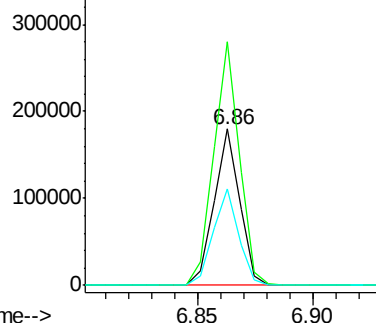
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099171.D
Acq: 7 Oct 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138799
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 61.5 50.1 75.1



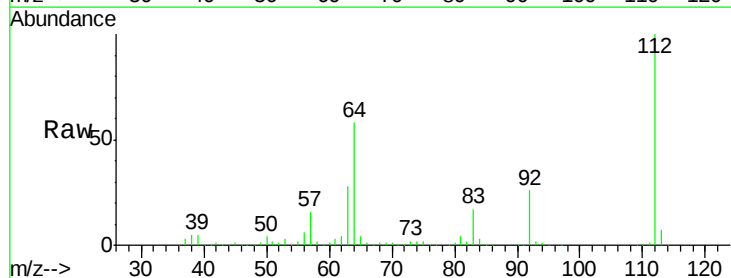
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



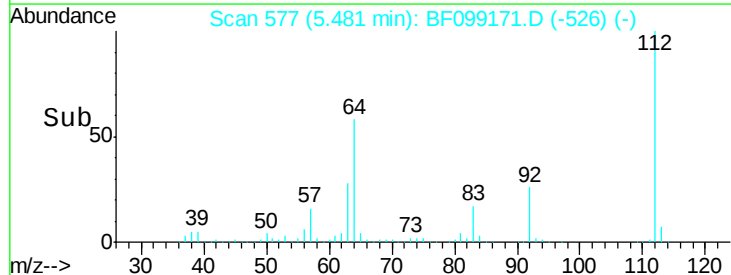
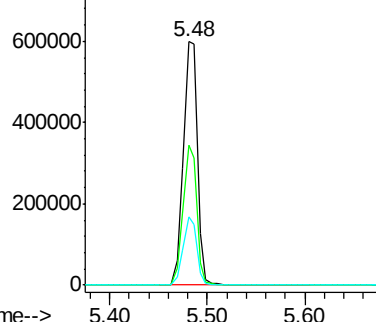
#5

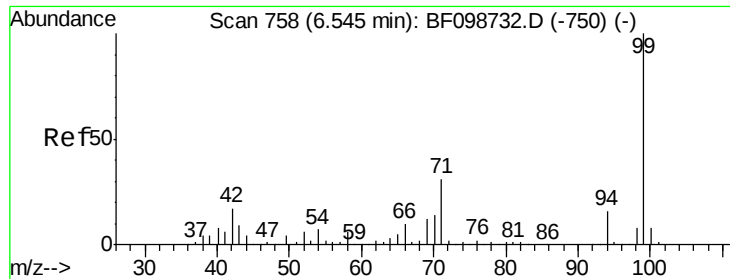
2-Fluorophenol
Concen: 69.03 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099171.D
Acq: 7 Oct 2017 2:18

Tgt Ion:112 Resp: 601905
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.3 23.7 35.5



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: 42.96 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

Instrument :

BNA_F

ClientSampleId :

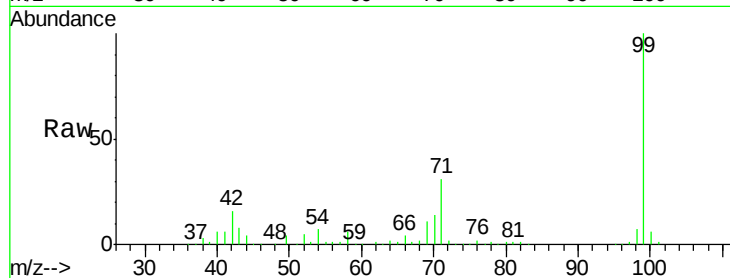
Tot Ion: 99 Resp: 462050

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

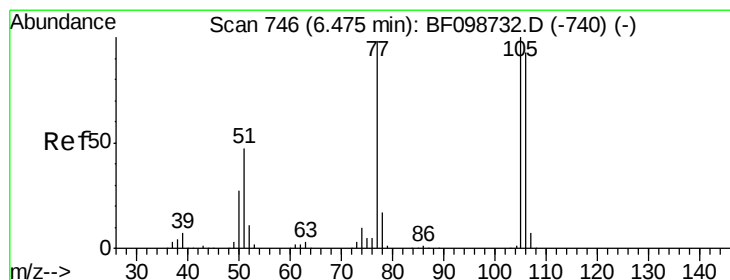
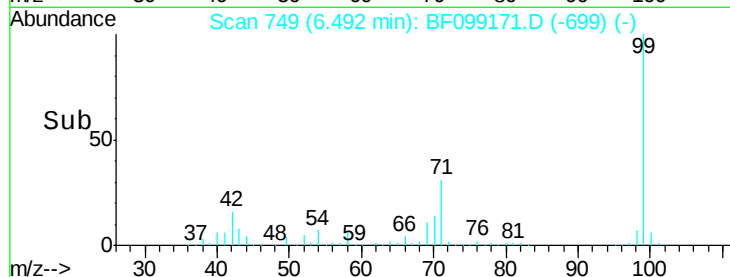
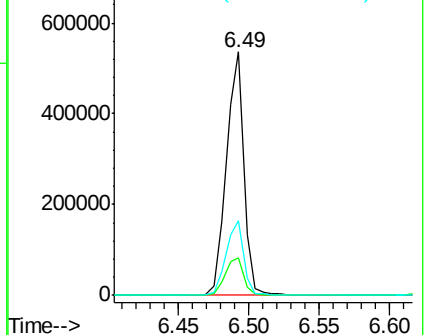
71 30.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

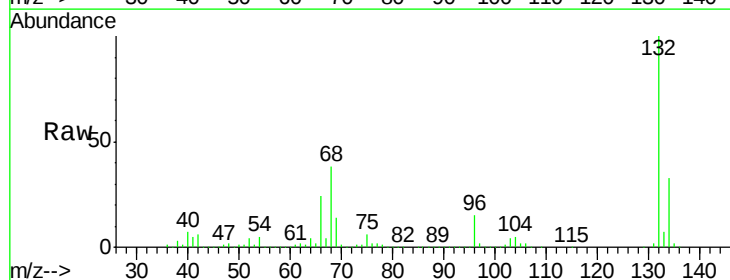
Tgt Ion: 77 Resp: 18585

Ion Ratio Lower Upper

77 100

105 84.9 81.1 121.1

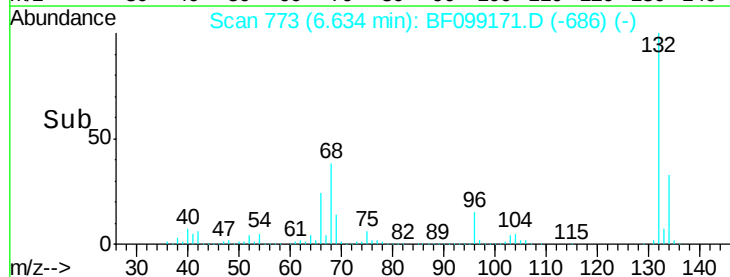
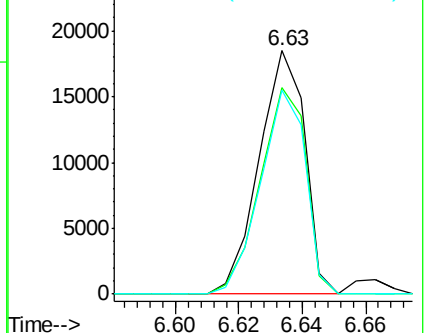
106 83.5 74.5 114.5

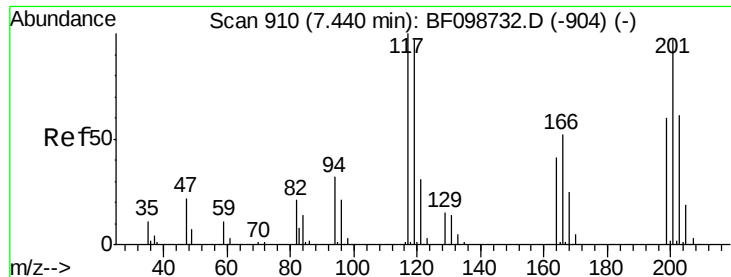


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#18

Hexachloroethane

Concen: 7.36 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

Instrument :

BNA_F

ClientSampleId :

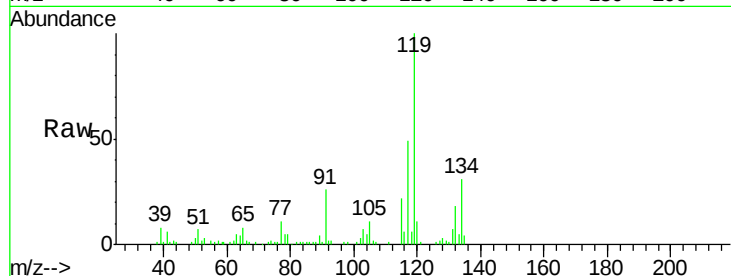
Tot Ion:117 Resp: 27849

Ion Ratio Lower Upper

117 100

119 205.7 75.8 113.8#

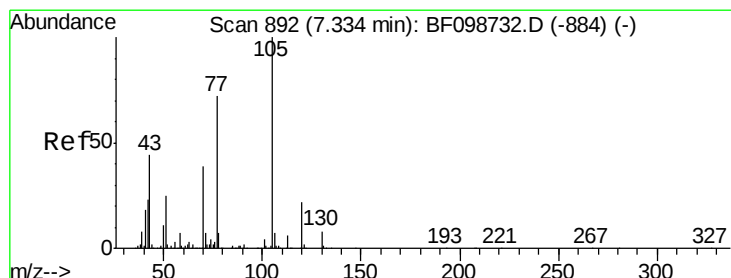
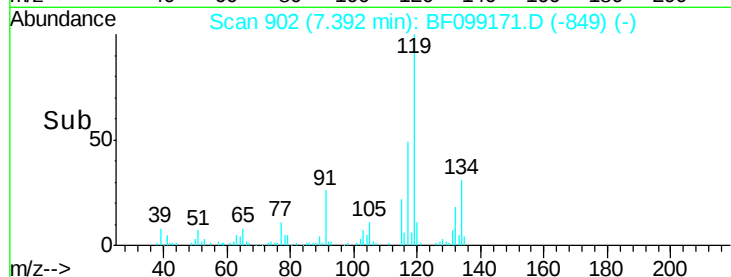
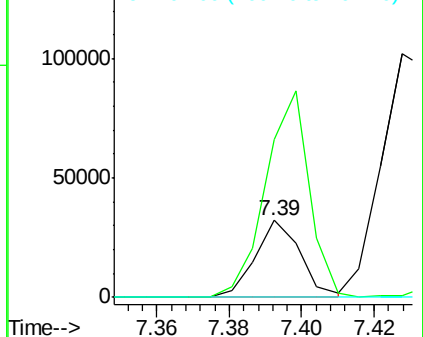
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 14.97 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

Tgt Ion: 70 Resp: 102818

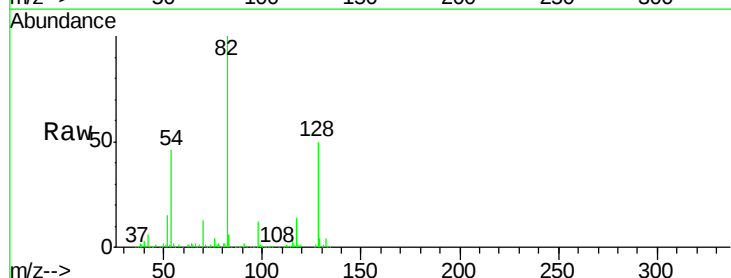
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.3 7.4 11.2#

130 3.2 16.6 25.0#

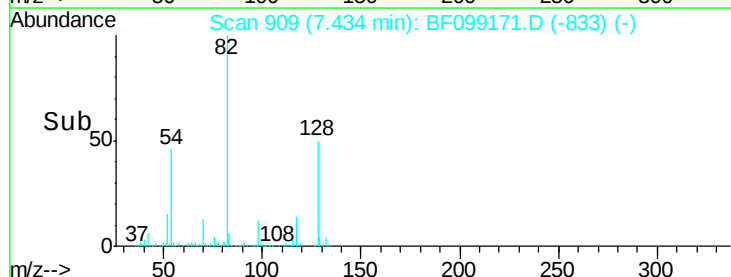
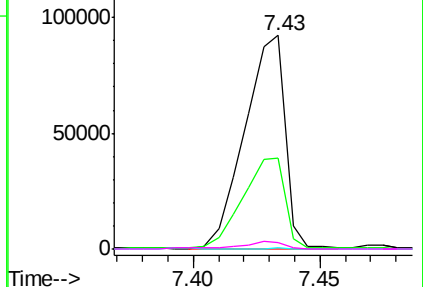


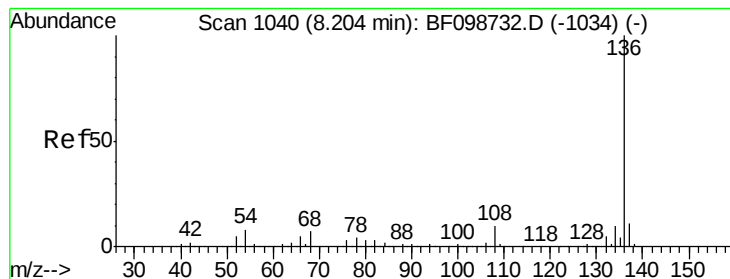
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 560449

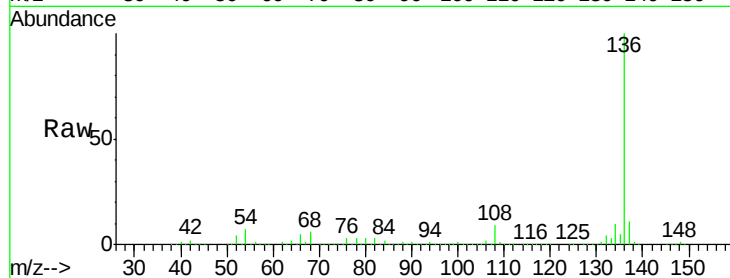
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 6.1 5.0 7.4

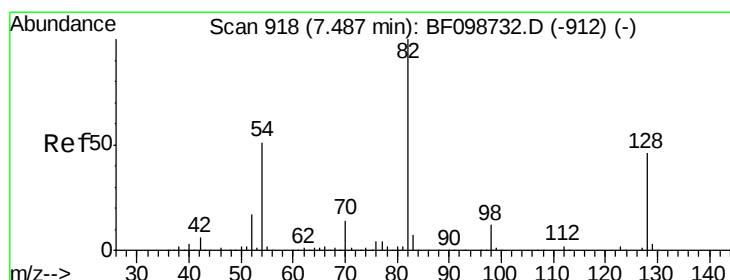
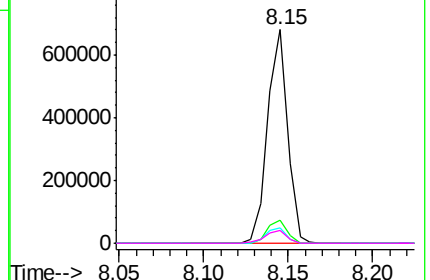
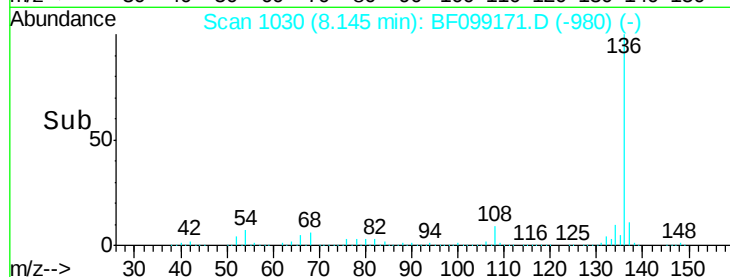


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.13 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

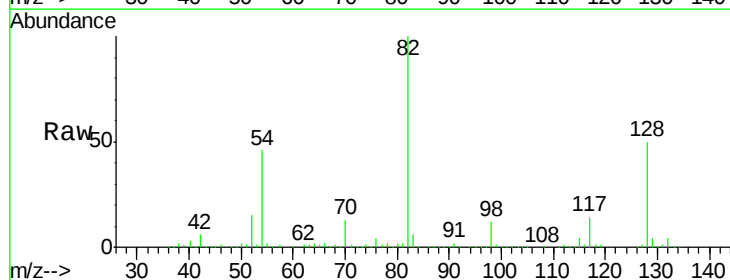
Tgt Ion: 82 Resp: 796381

Ion Ratio Lower Upper

82 100

128 50.5 36.1 54.1

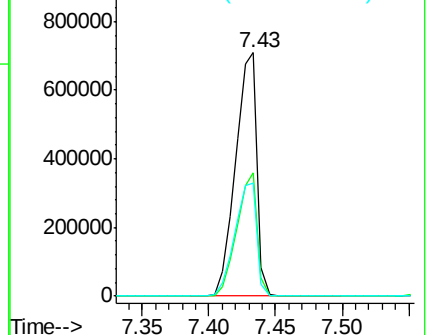
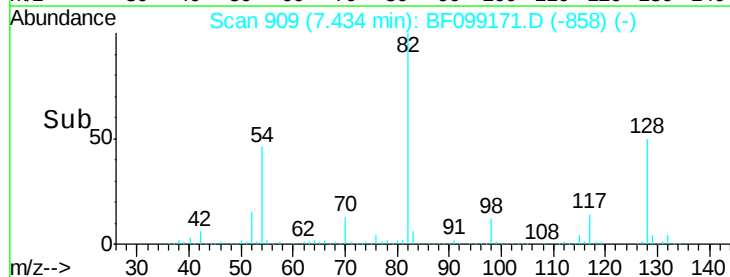
54 46.4 41.4 62.2

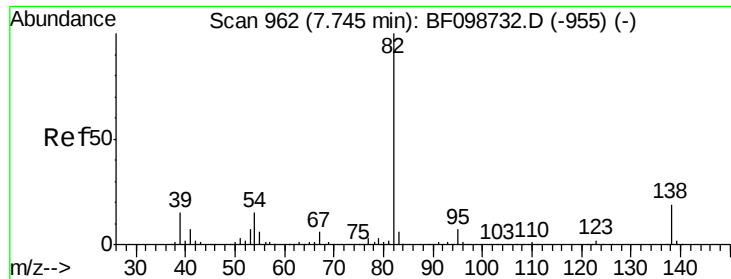


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.07 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

Instrument :

BNA_F

ClientSampled :

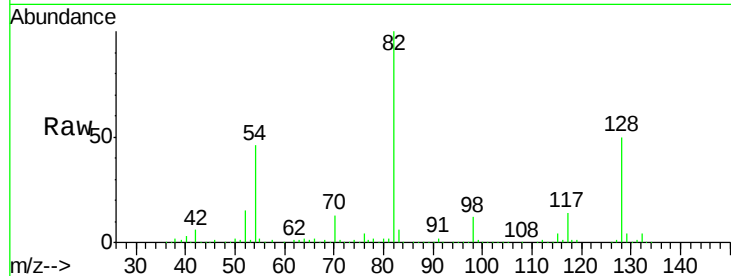
Tot Ion: 82 Resp: 796210

Ion Ratio Lower Upper

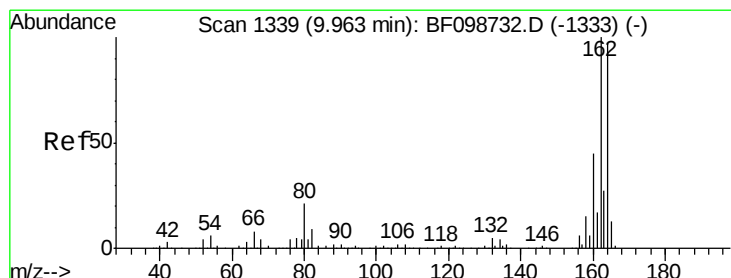
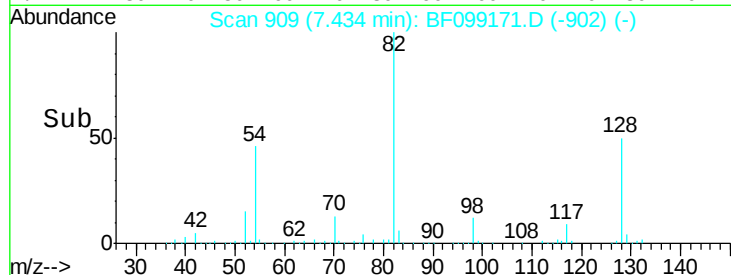
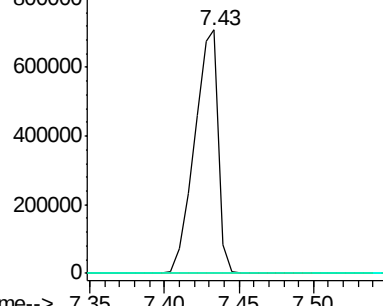
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099171.D

Acq: 7 Oct 2017 2:18

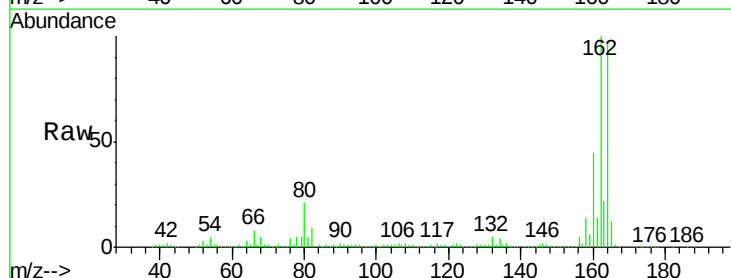
Tgt Ion:164 Resp: 250921

Ion Ratio Lower Upper

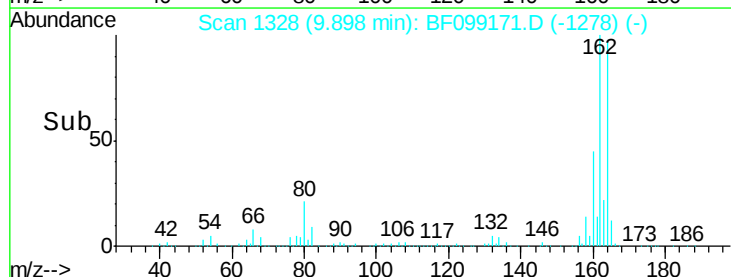
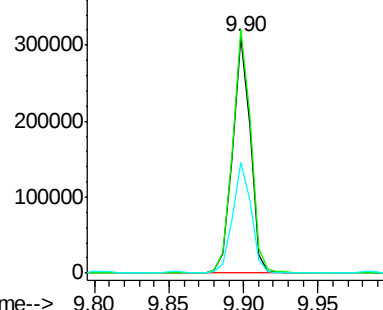
164 100

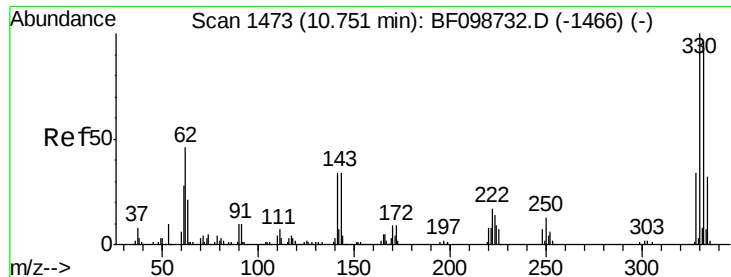
162 103.0 86.1 129.1

160 46.6 38.3 57.5



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

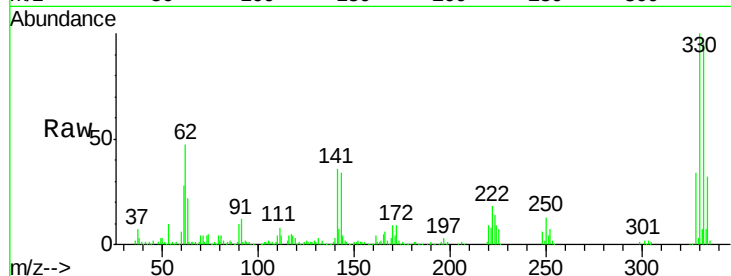




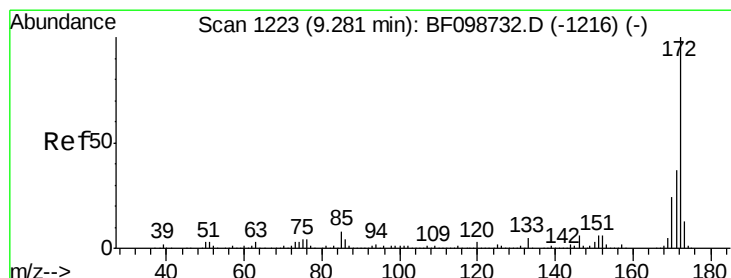
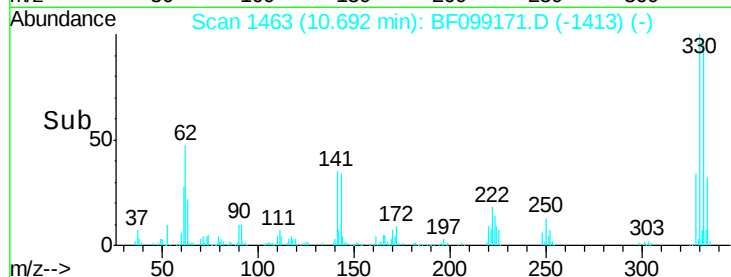
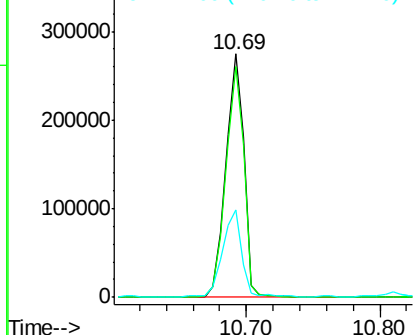
#41
 2,4,6-Tribromophenol
 Concen: 129.29 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099171.D
 Acq: 7 Oct 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 265464
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.4 29.9 44.9

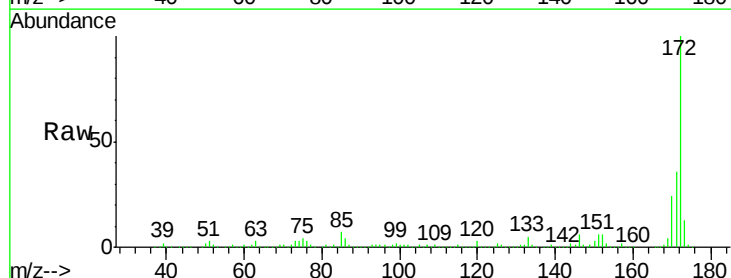


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

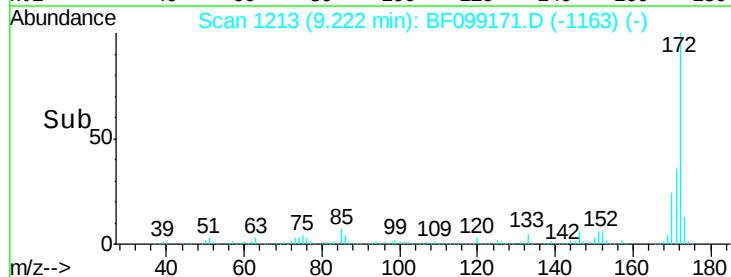
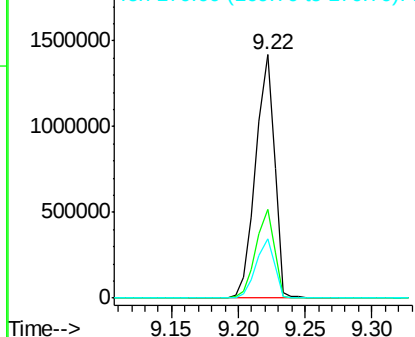


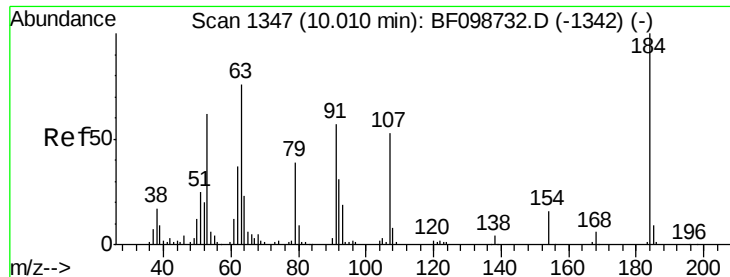
#44
 2-Fluorobiphenyl
 Concen: 91.42 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099171.D
 Acq: 7 Oct 2017 2:18

Tgt Ion:172 Resp: 1374147
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 19.6 29.4



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

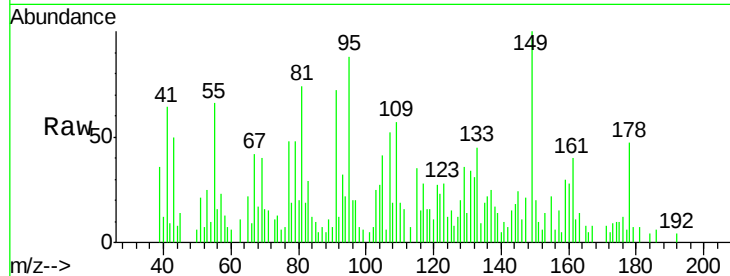




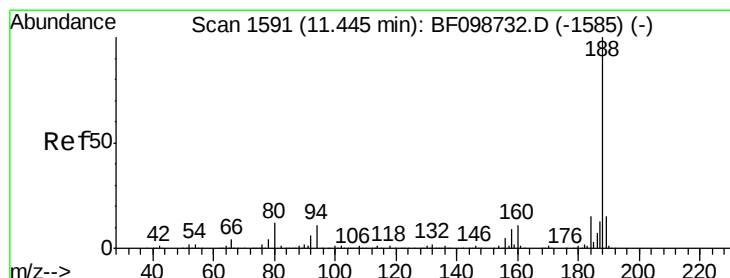
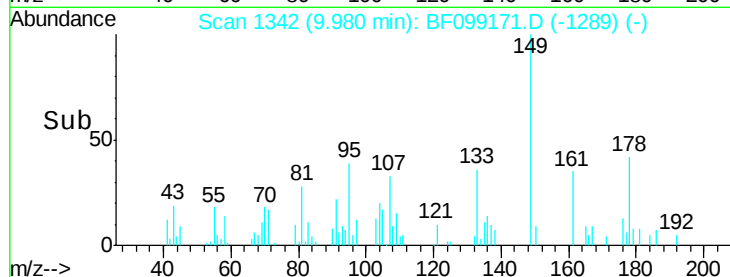
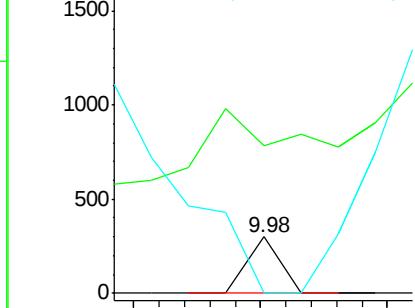
#53
2,4-Dinitrophenol
Concen: 5.87 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF099171.D
Acq: 7 Oct 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 260.0 54.2 81.2#
154 0.0 53.5 80.3#

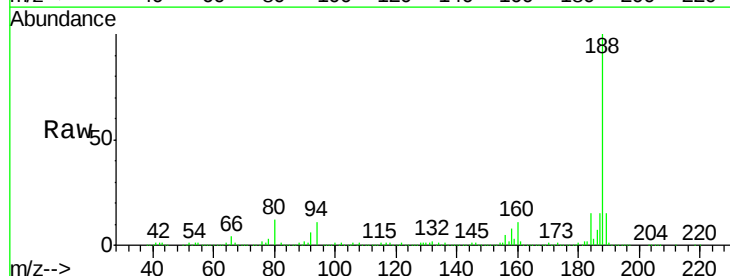


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

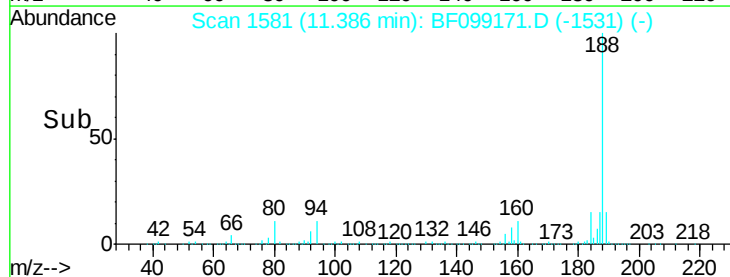
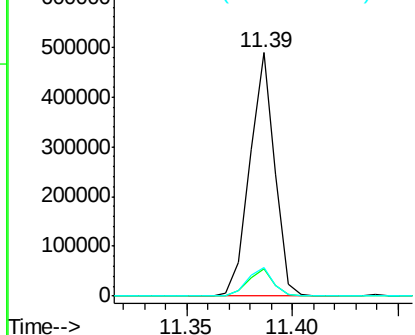


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099171.D
Acq: 7 Oct 2017 2:18

Tgt Ion:188 Resp: 399309
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.6 9.2 13.8



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

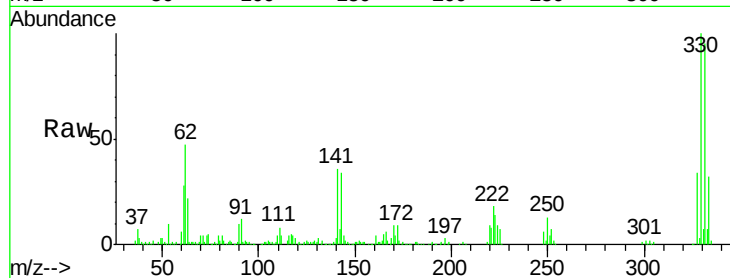




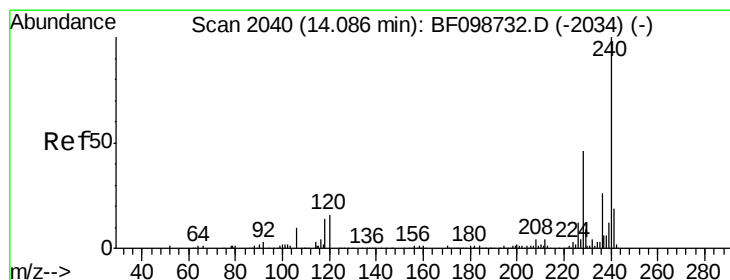
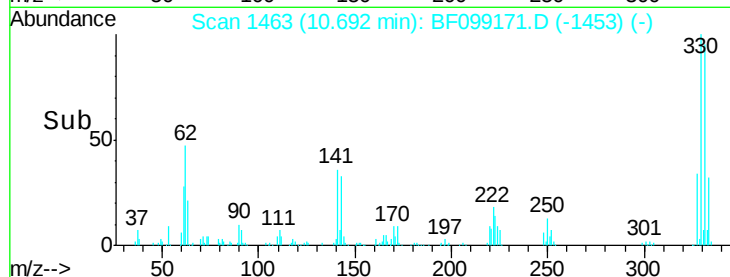
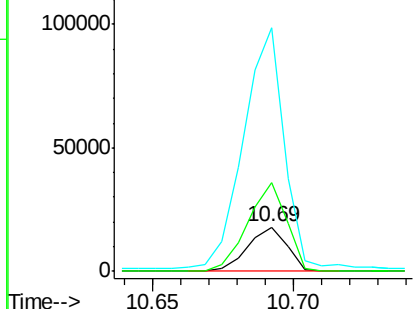
#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099171.D
Acq: 7 Oct 2017 2:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17076
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 553.4 74.4 111.6#

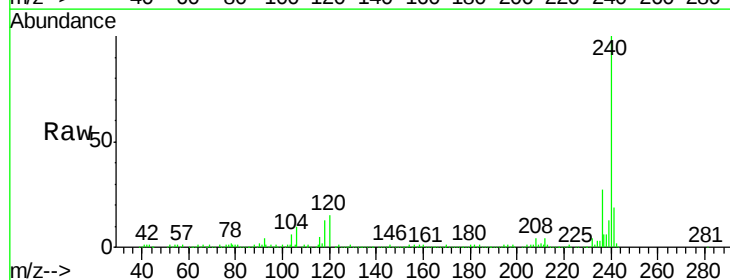


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

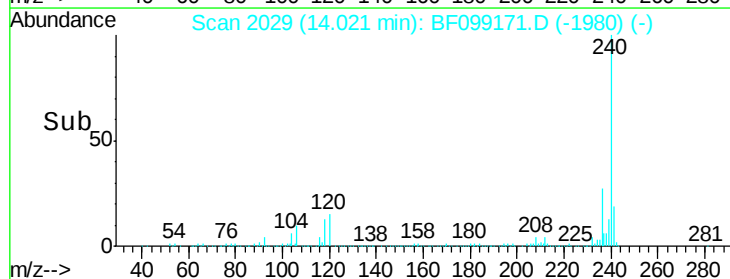
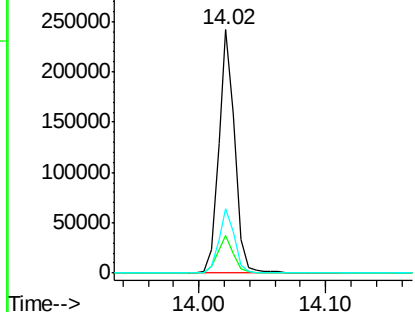


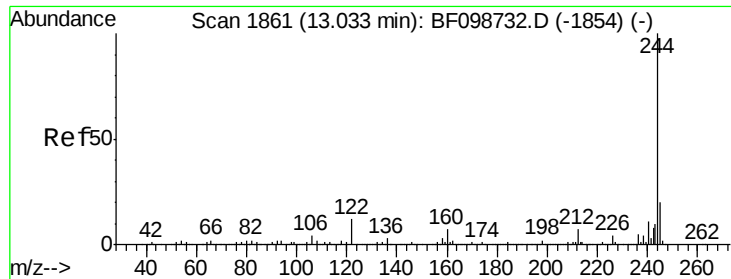
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099171.D
Acq: 7 Oct 2017 2:18

Tgt Ion:240 Resp: 213154
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 26.6 20.7 31.1



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

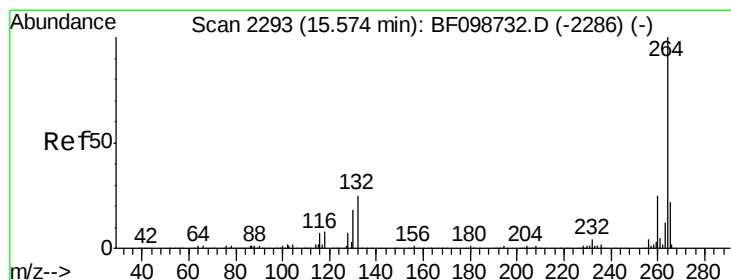
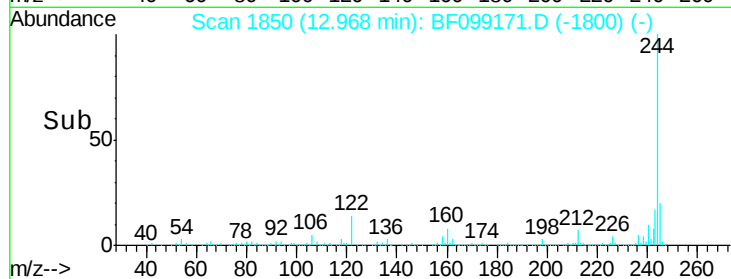
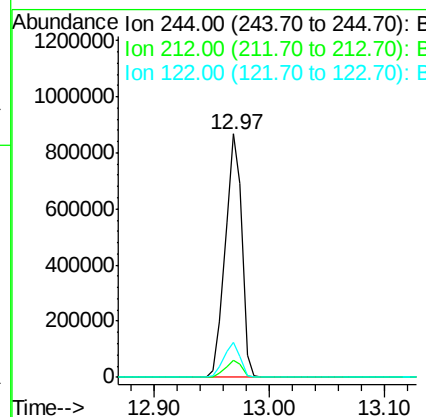
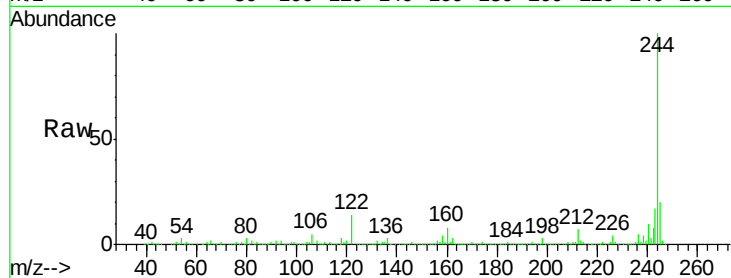




#78
 Terphenyl-d14
 Concen: 91.64 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099171.D
 Acq: 7 Oct 2017 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 858948
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099171.D
 Acq: 7 Oct 2017 2:18

Tgt Ion:264 Resp: 230722
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.5 26.3

