

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099372.D
 Acq On : 12 Oct 2017 4:14
 Operator : SJ/JU
 Sample : I5710-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 05:06:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

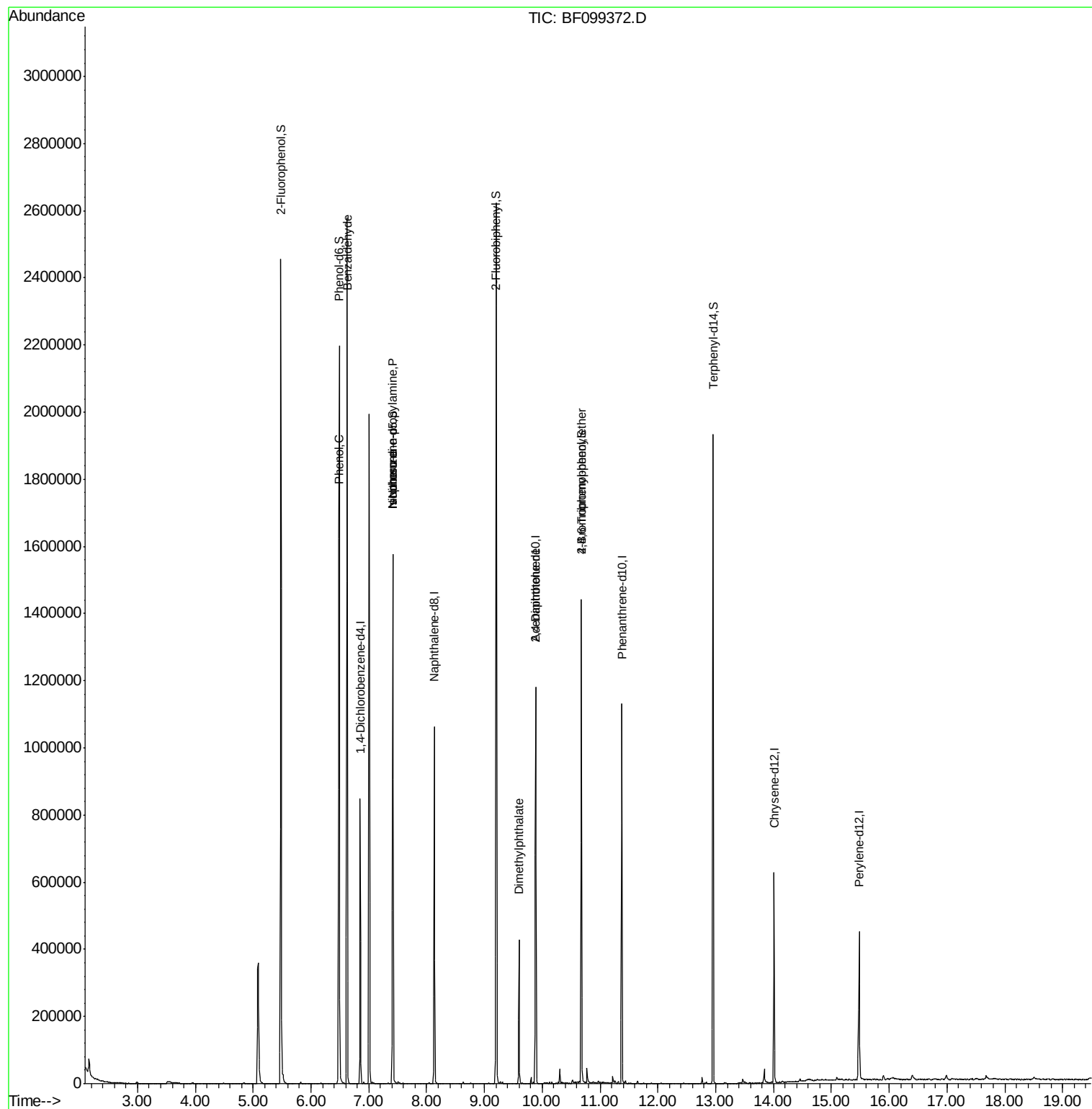
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119627	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	489683	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	218377	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	368718	20.00	ng	0.00
75) Chrysene-d12	14.01	240	195214	20.00	ng	0.00
86) Perylene-d12	15.48	264	193346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	764935	101.79	ng	0.01
7) Phenol-d6	6.49	99	913222	98.51	ng	0.00
23) Nitrobenzene-d5	7.42	82	538345	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	176839	98.96	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	886459	67.77	ng	0.00
78) Terphenyl-d14	12.96	244	653549	76.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	14944	2.78	ng	86
10) Phenol	6.50	94	30598	2.95	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	68034	11.49	ng	# 76
25) Isophorone	7.42	82	538337	34.10	ng	# 64
49) Dimethylphthalate	9.60	163	159922	9.70	ng	100
56) 2,4-Dinitrotoluene	9.89	165	26971	5.79	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	11513	3.19	ng	# 1

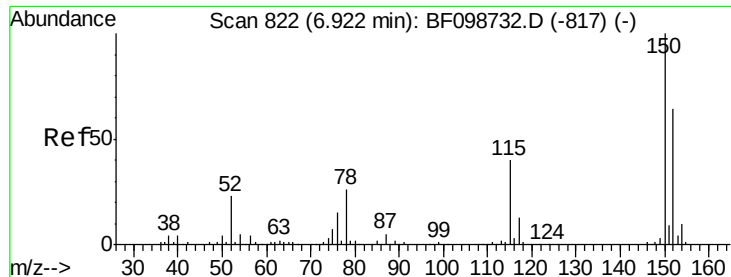
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099372.D
Acq On : 12 Oct 2017 4:14
Operator : SJ/JU
Sample : I5710-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 12 05:06:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



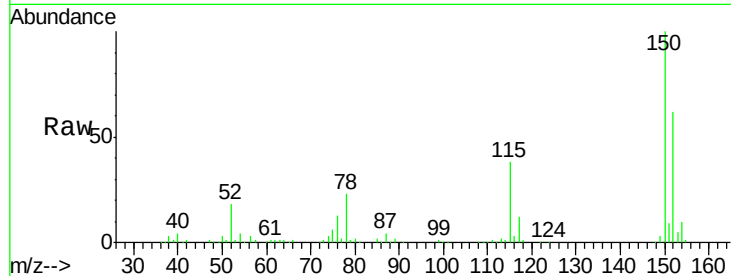


#1

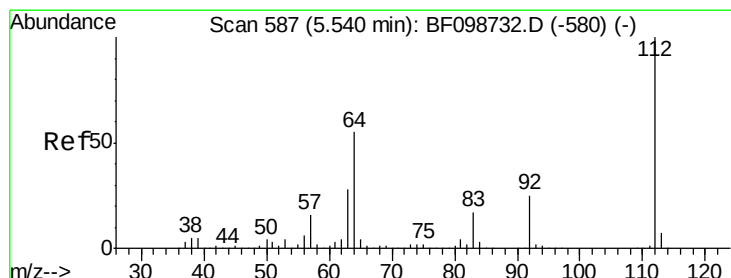
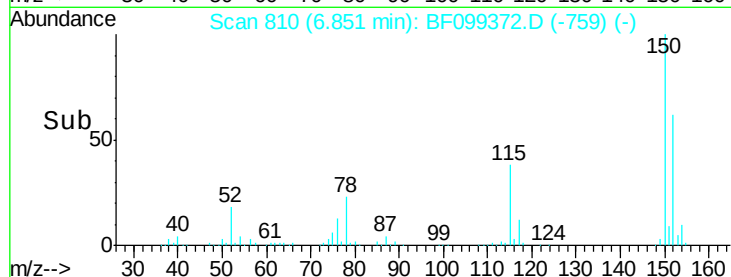
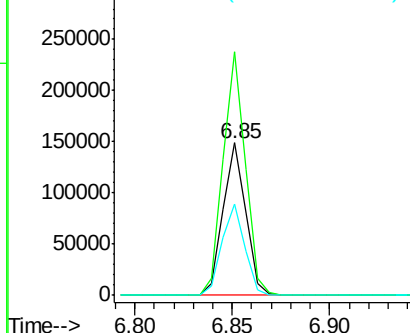
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	60.3	50.1	75.1



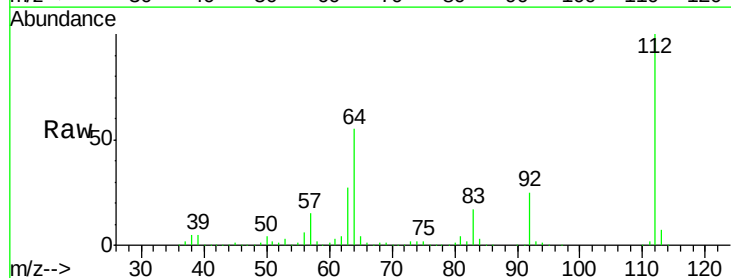
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



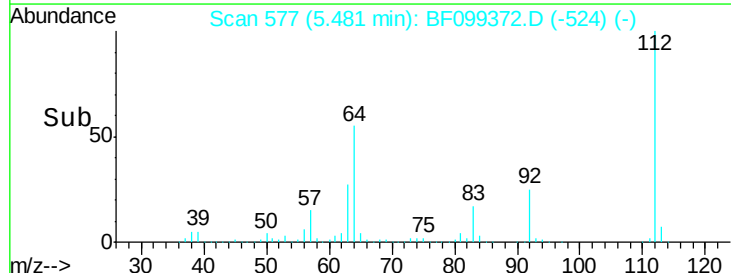
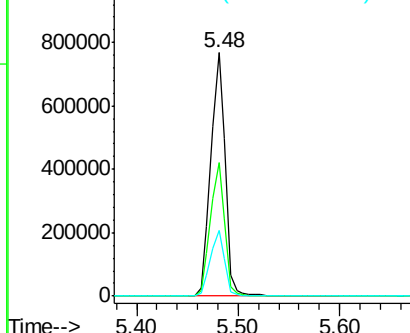
#5

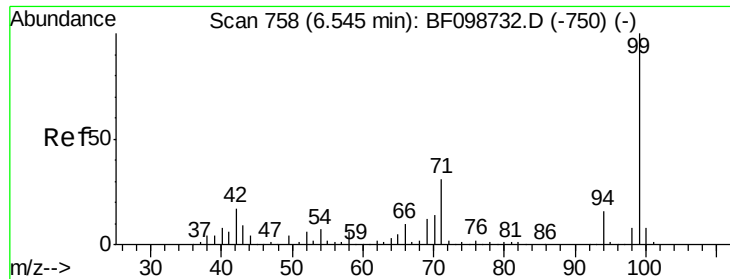
2-Fluorophenol
Concen: 101.79 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.8	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: 98.51 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampleId :

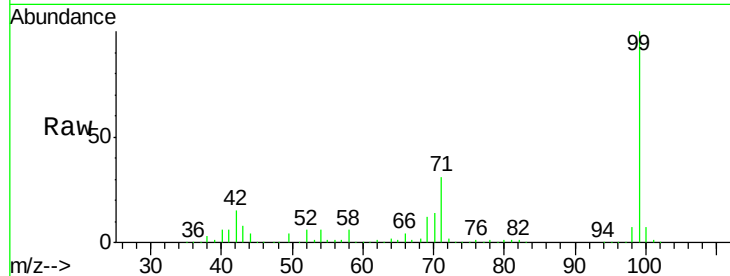
Tot Ion: 99 Resp: 913222

Ion Ratio Lower Upper

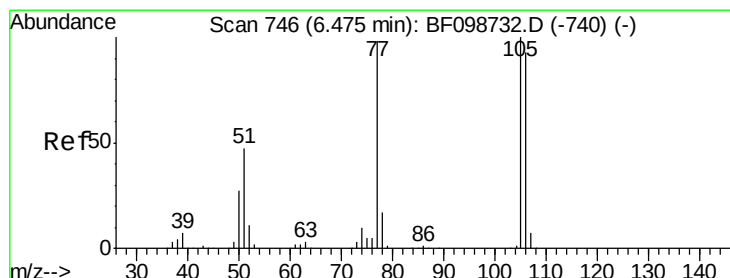
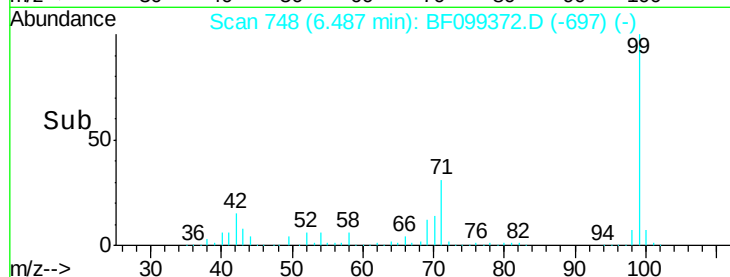
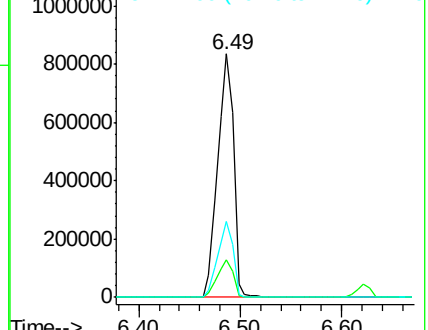
99 100

42 15.5 14.5 21.7

71 31.3 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: 2.78 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

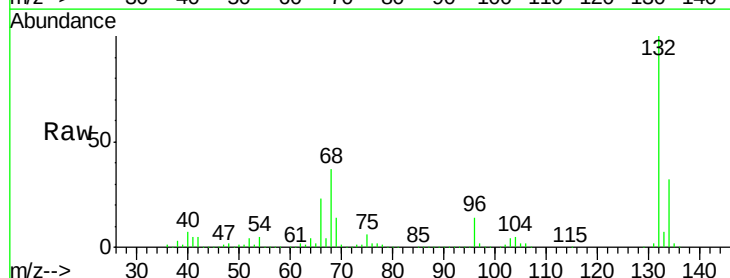
Tgt Ion: 77 Resp: 14944

Ion Ratio Lower Upper

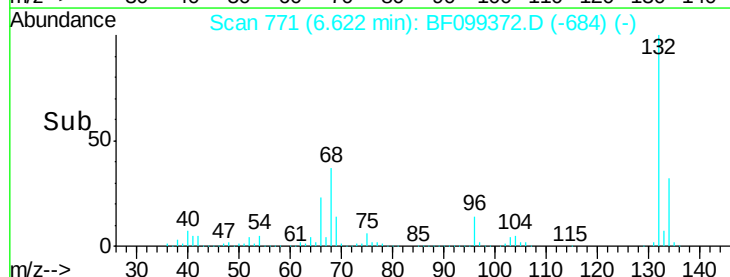
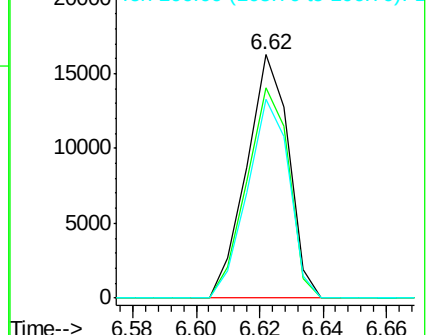
77 100

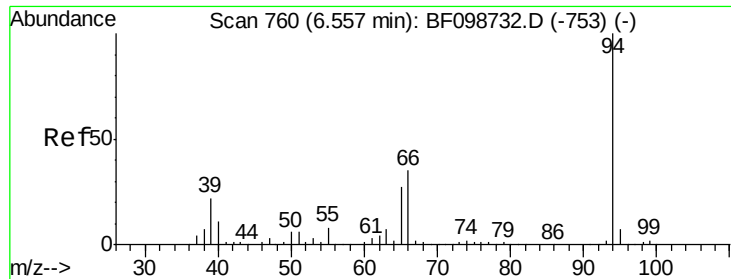
105 86.2 81.1 121.1

106 81.4 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

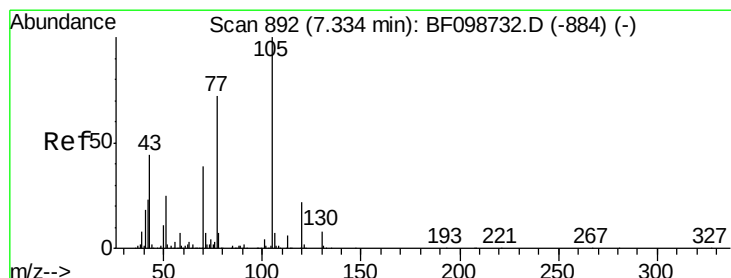
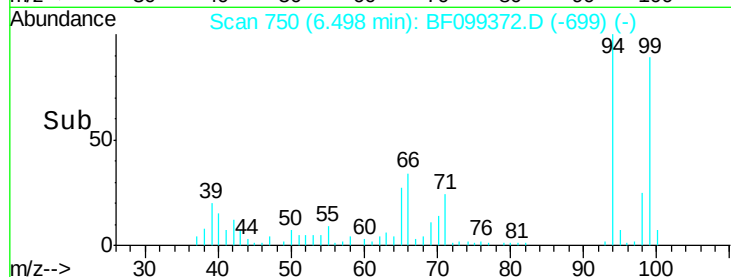
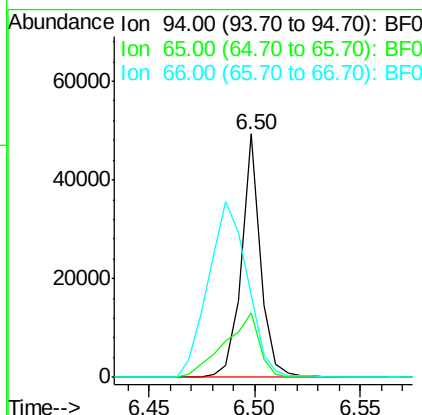
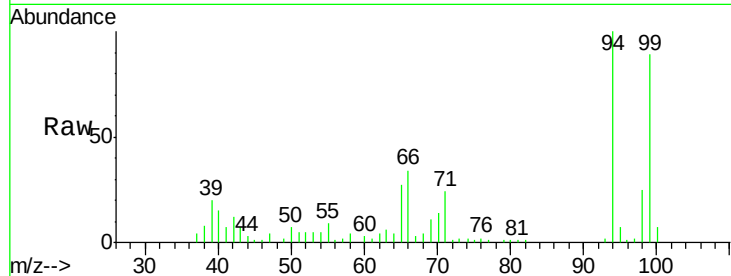




#10
Phenol
Concen: 2.95 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

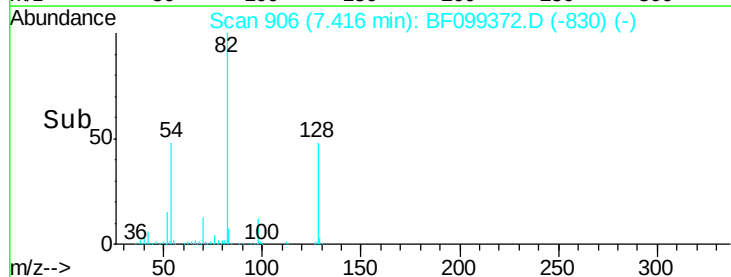
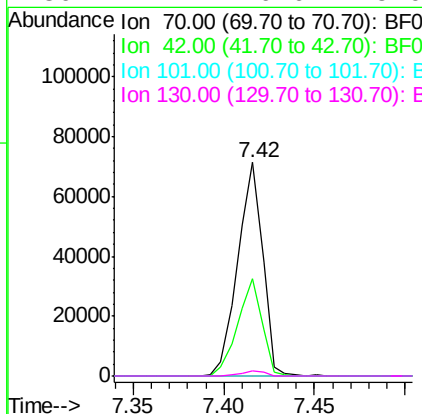
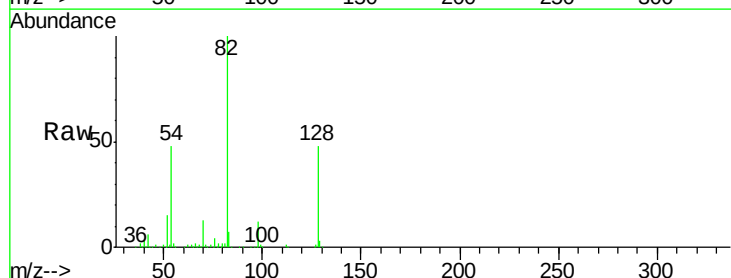
Instrument :
BNA_F
ClientSampleId :

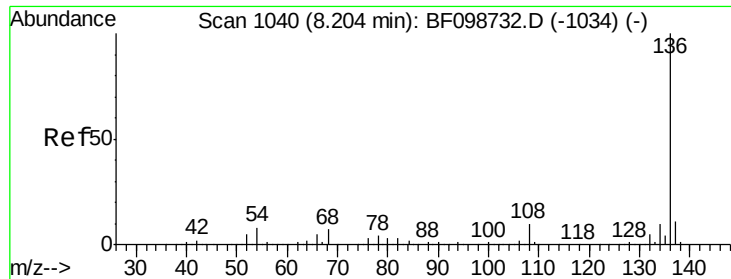
Tot Ion: 94 Resp: 30598
Ion Ratio Lower Upper
94 100
65 26.6 7.9 47.9
66 33.7 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.49 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Tgt Ion: 70 Resp: 68034
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

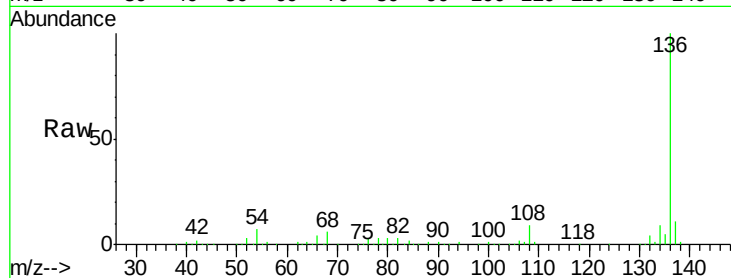




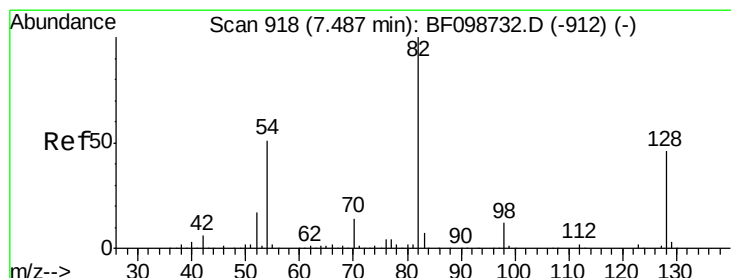
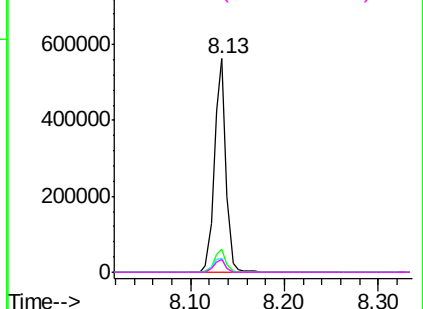
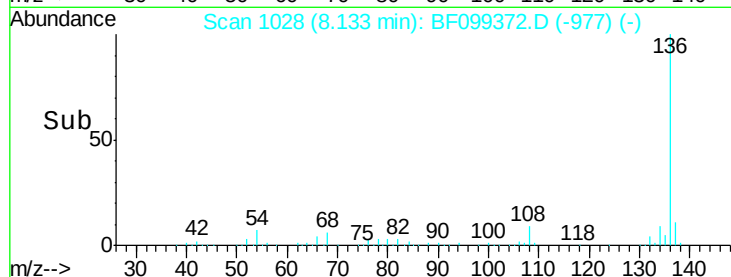
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	489683
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.6	6.6 9.8
68	5.8	5.0 7.4

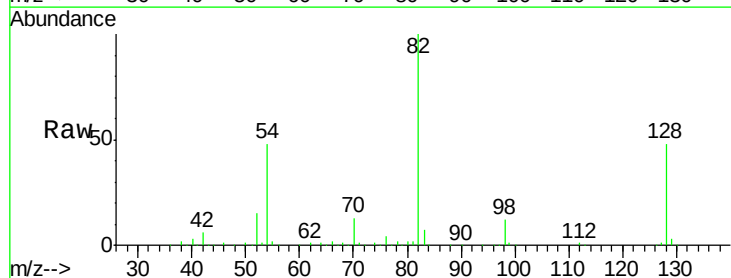


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

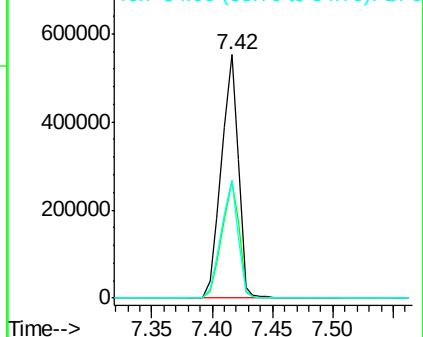
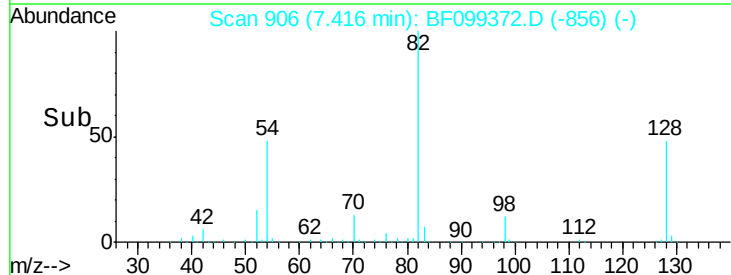


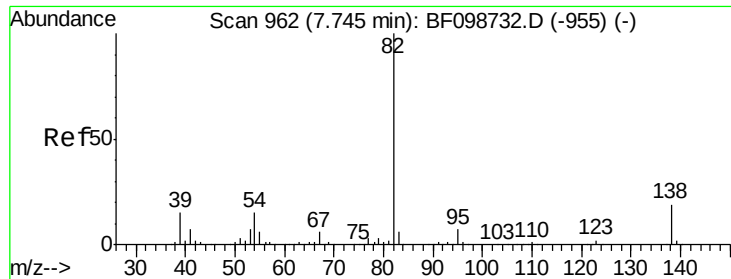
#23
Nitrobenzene-d5
Concen: 70.50 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Tgt Ion: 82	Resp:	538345
Ion Ratio	Lower	Upper
82	100	
128	48.2	36.1 54.1
54	48.4	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: 34.10 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampleId :

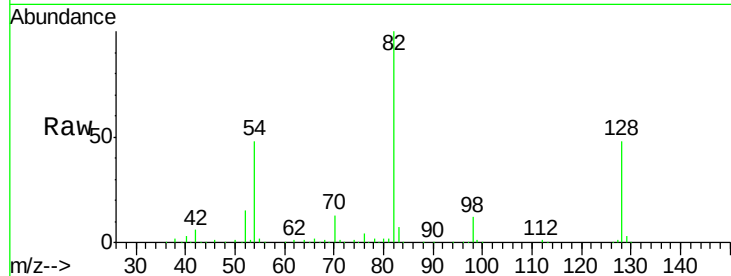
Tot Ion: 82 Resp: 538337

Ion Ratio Lower Upper

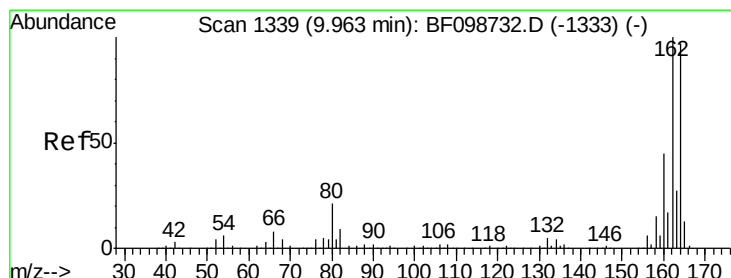
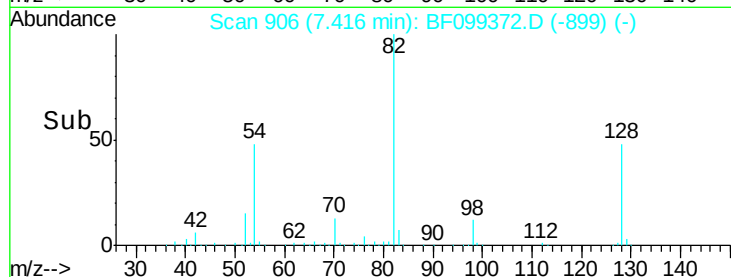
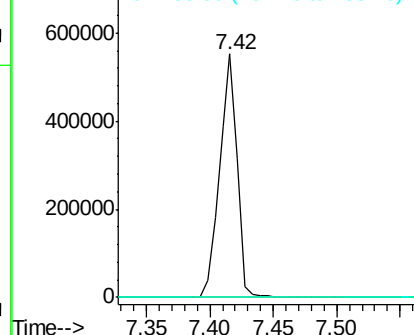
82 100

95 0.0 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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

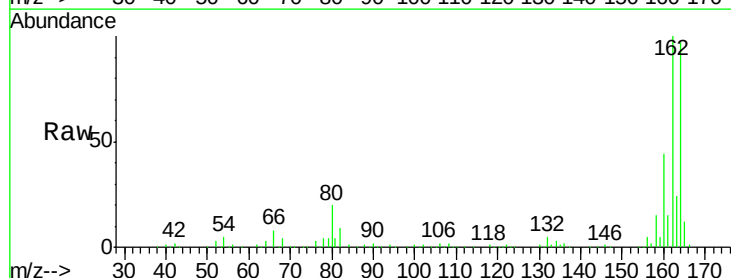
Tgt Ion: 164 Resp: 218377

Ion Ratio Lower Upper

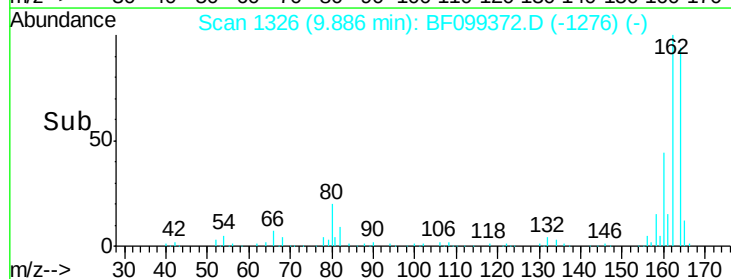
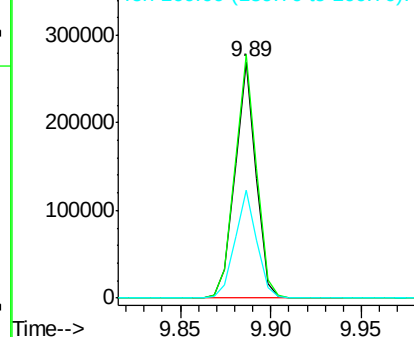
164 100

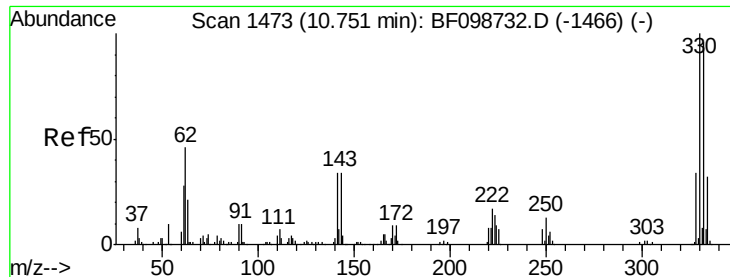
162 103.2 86.1 129.1

160 45.7 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: 98.96 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampled :

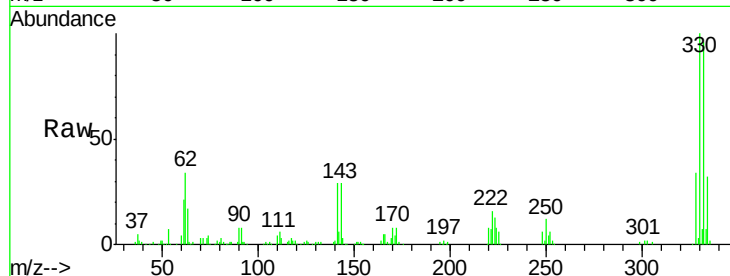
Tot Ion:330 Resp: 176839

Ion Ratio Lower Upper

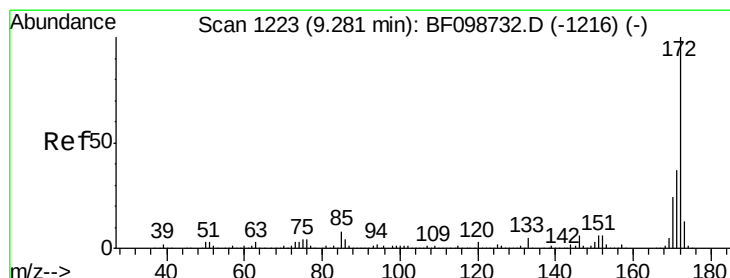
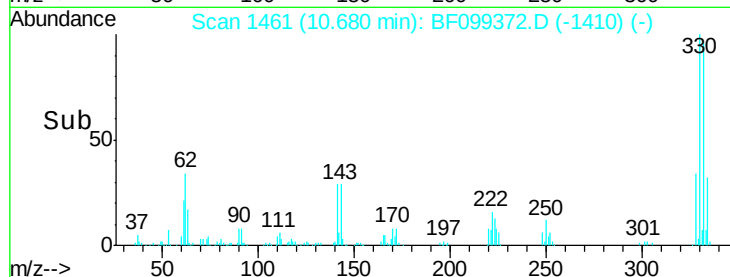
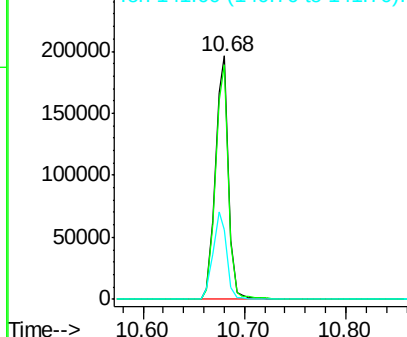
330 100

332 95.9 77.0 115.6

141 37.5 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: 67.77 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

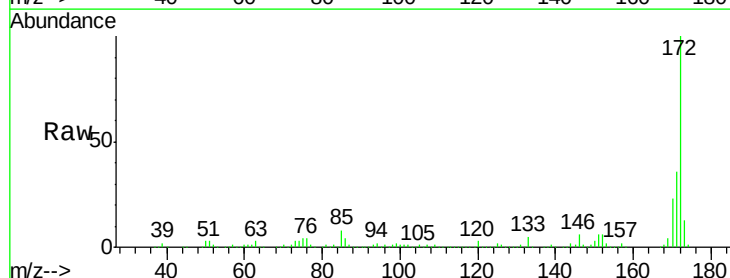
Tgt Ion:172 Resp: 886459

Ion Ratio Lower Upper

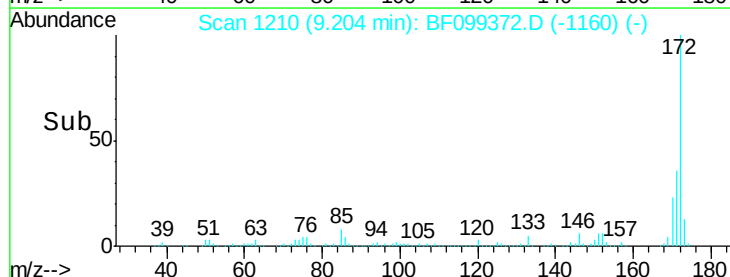
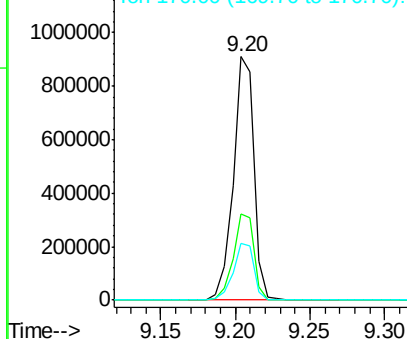
172 100

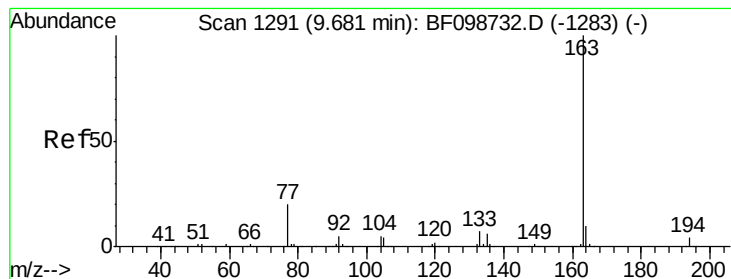
171 35.5 29.7 44.5

170 23.4 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





#49

Dimethylphthalate

Concen: 9.70 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampleId :

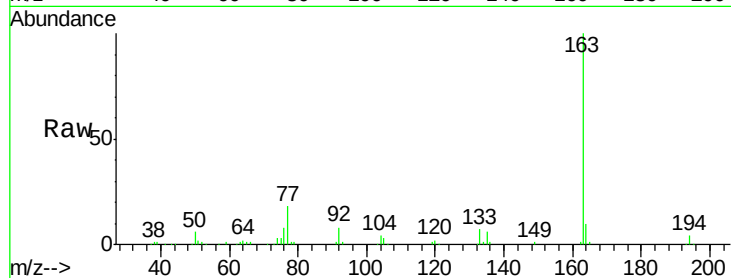
Tot Ion:163 Resp: 159922

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

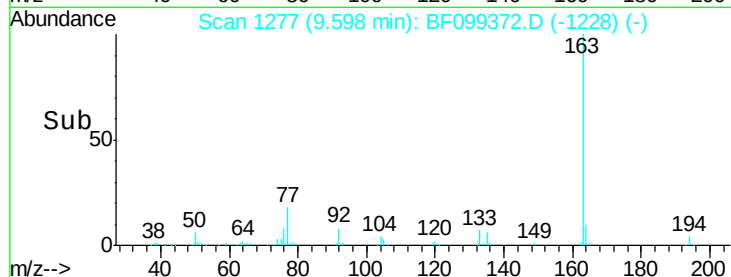
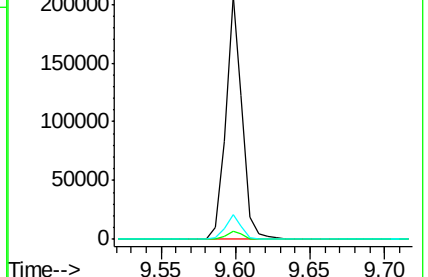
164 10.0 8.2 12.2



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: 5.79 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Tgt Ion:165 Resp: 26971

Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.1 57.8 86.6#

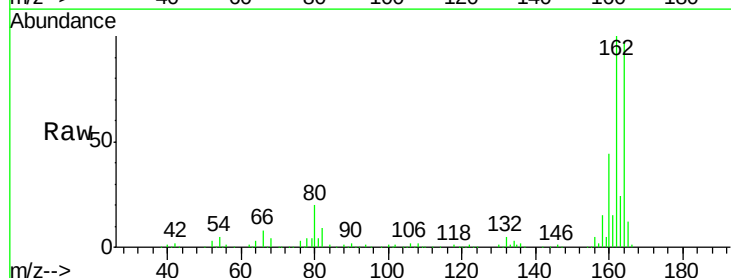
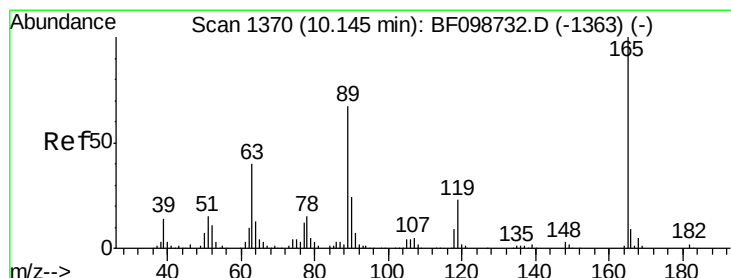
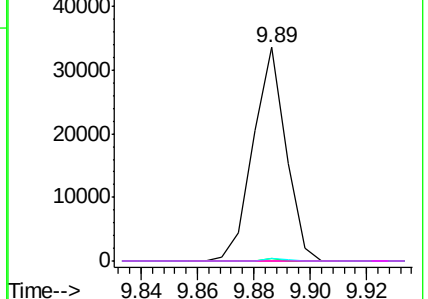
182 0.0 1.6 2.4#

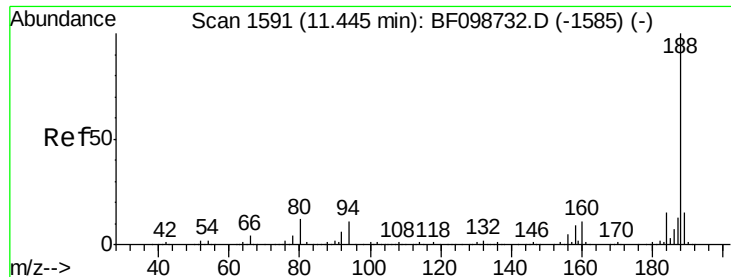
Abundance Ion 165.00 (164.70 to 165.70): E

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

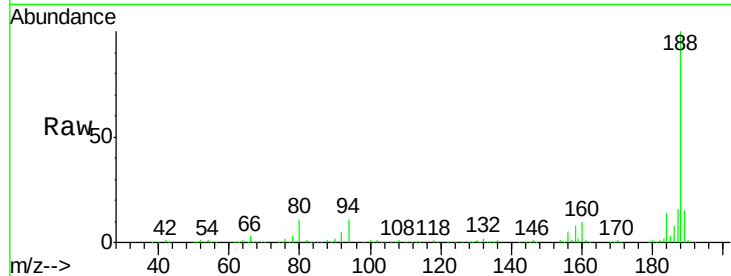




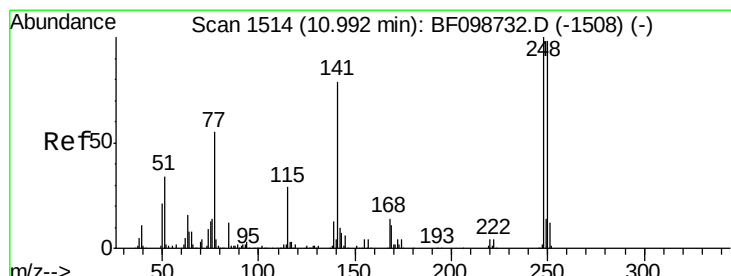
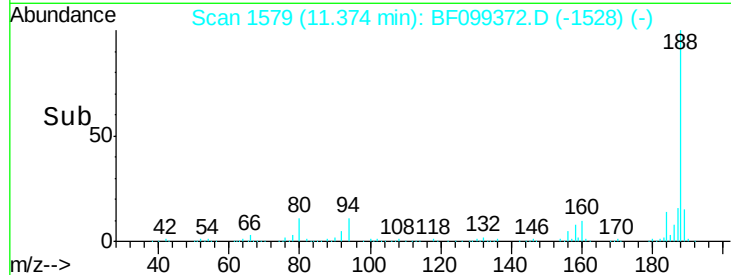
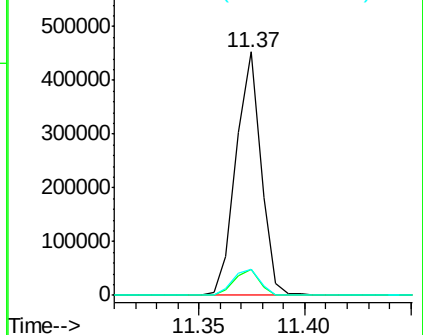
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 368718
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8

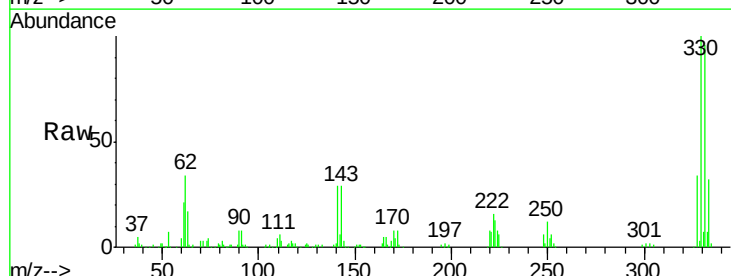


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

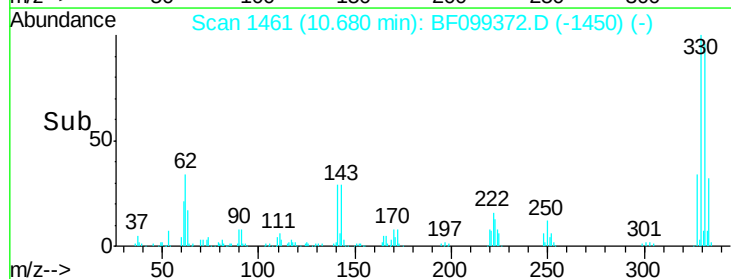
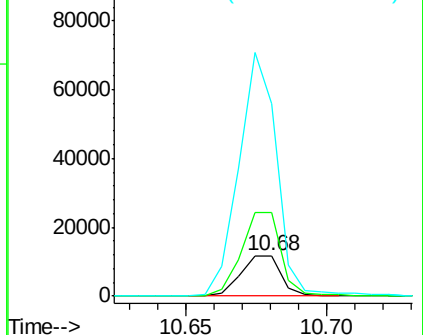


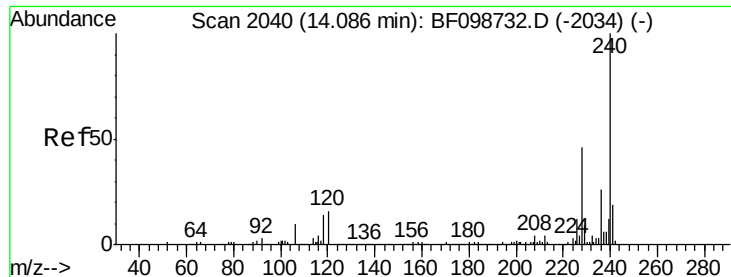
#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Tgt Ion:248 Resp: 11513
Ion Ratio Lower Upper
248 100
250 208.8 76.9 115.3#
141 479.5 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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

Instrument :

BNA_F

ClientSampleId :

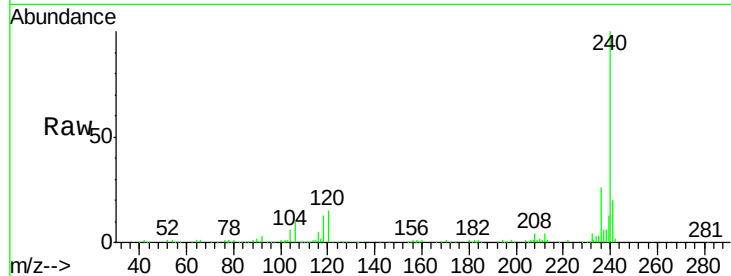
Tot Ion:240 Resp: 195214

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

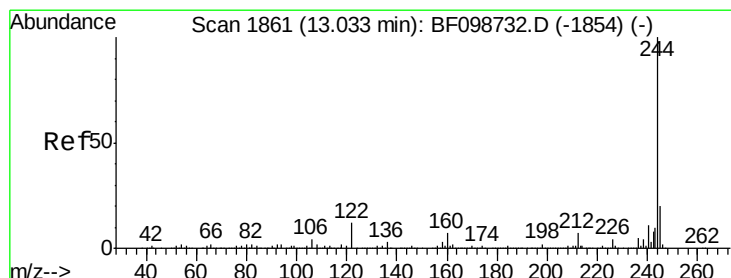
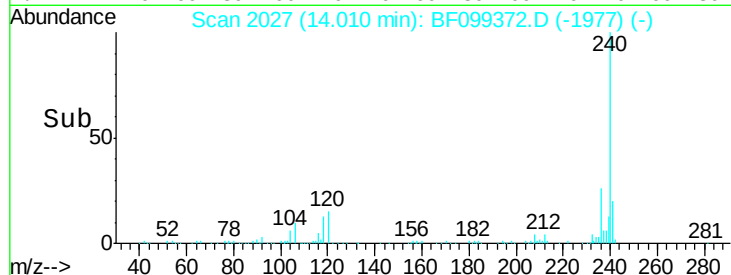
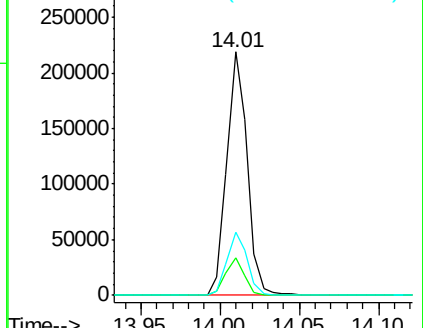
236 26.0 20.7 31.1



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: 76.14 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099372.D

Acq: 12 Oct 2017 4:14

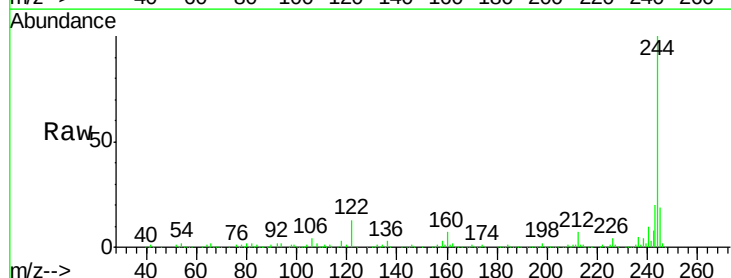
Tgt Ion:244 Resp: 653549

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

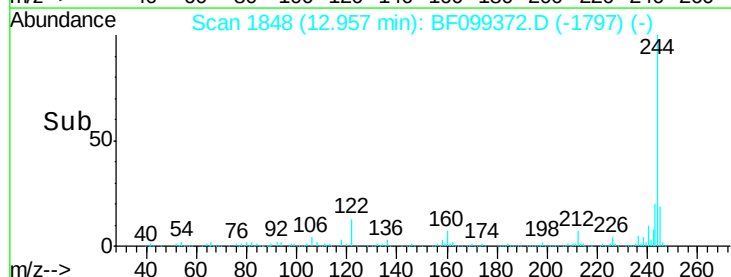
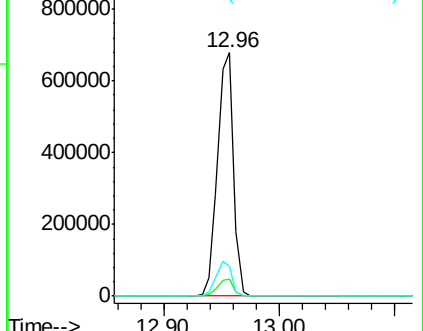
122 12.5 11.0 16.4

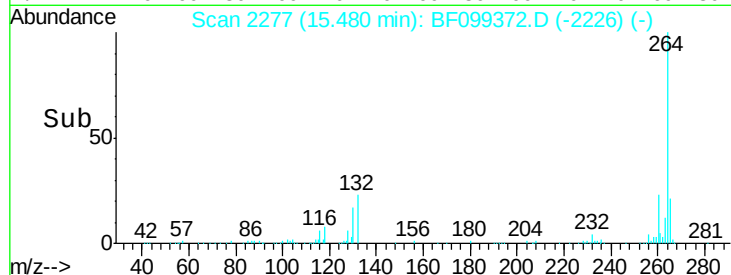
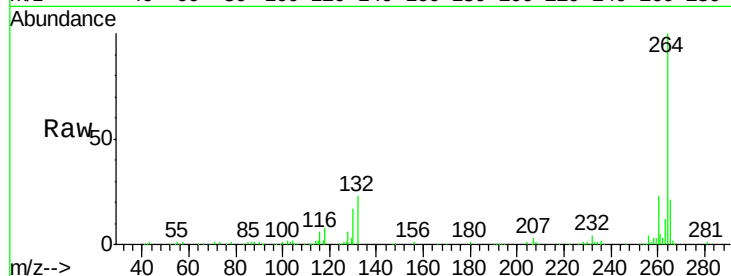
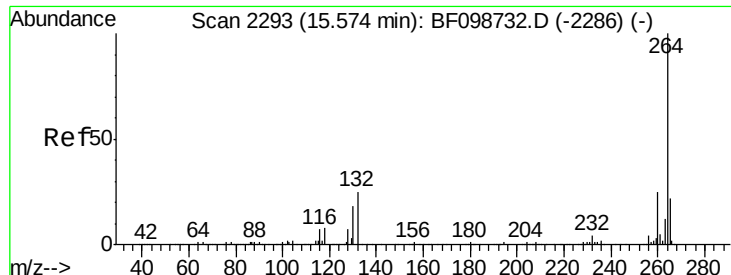


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099372.D
Acq: 12 Oct 2017 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	193346
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3

