

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099738.D
 Acq On : 21 Oct 2017 20:03
 Operator : SJ/JU
 Sample : I6036-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:49:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

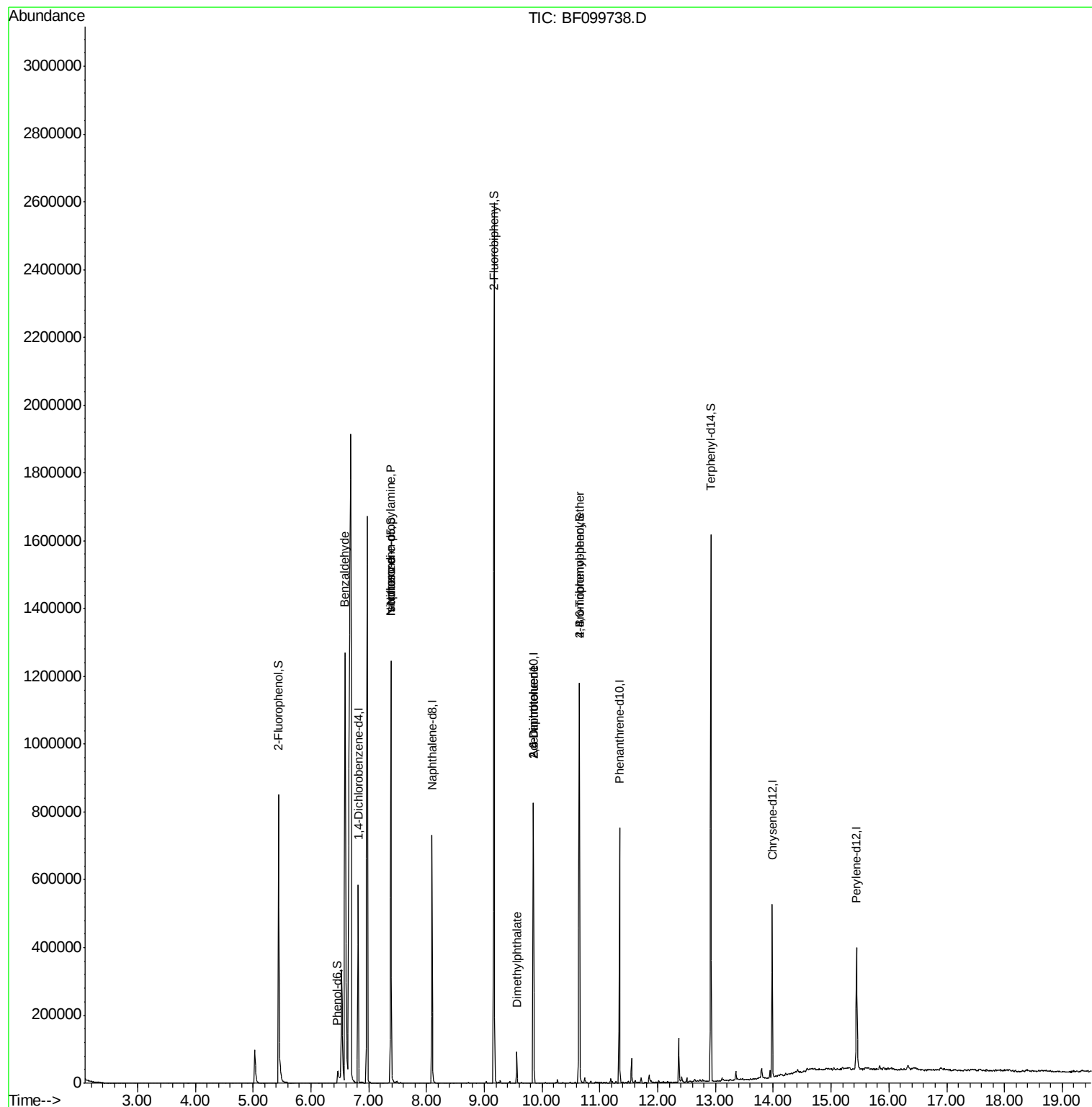
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	89297	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	365459	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	163730	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	261373	20.00	ng	0.00
75) Chrysene-d12	13.98	240	158692	20.00	ng	0.00
86) Perylene-d12	15.44	264	160623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	296932	52.93	ng	0.00
7) Phenol-d6	6.46	99	25841	3.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	433840	76.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	147705	110.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	871524	88.86	ng	0.00
78) Terphenyl-d14	12.92	244	550441	78.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10229	2.548	ng	84
19) n-Nitroso-di-n-propylamine	7.39	70	54422	12.318	ng	# 70
25) Isophorone	7.39	82	433836	36.822	ng	# 64
49) Dimethylphthalate	9.56	163	36703	2.970	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	21180	7.873	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	21180	6.066	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	9793	3.828	ng	# 1

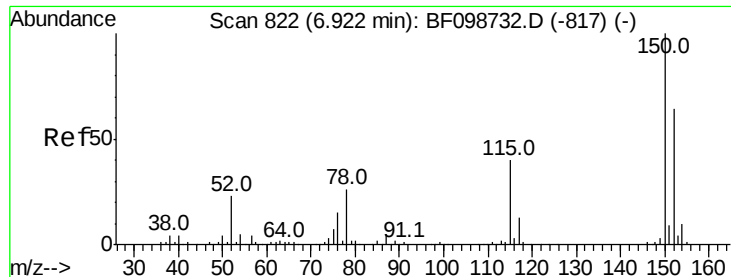
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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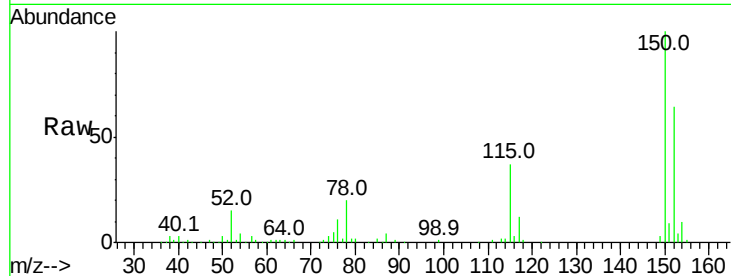


#1

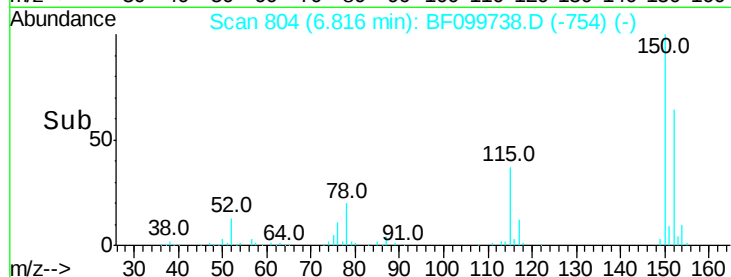
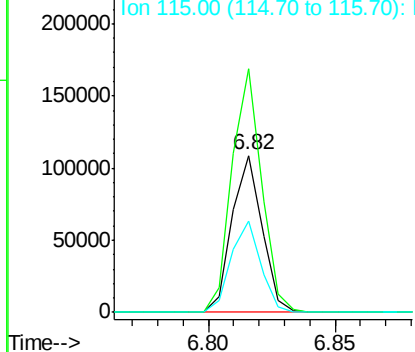
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89297
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.3 50.1 75.1



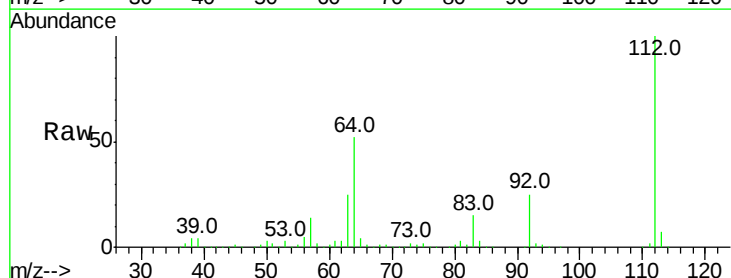
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



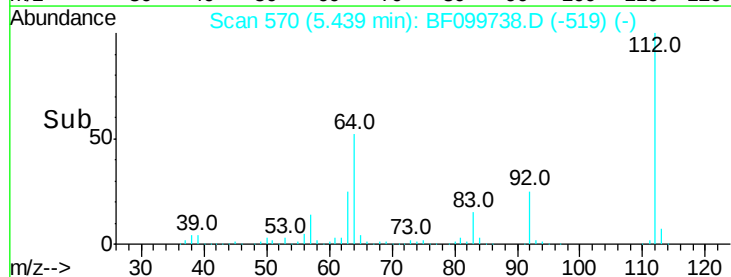
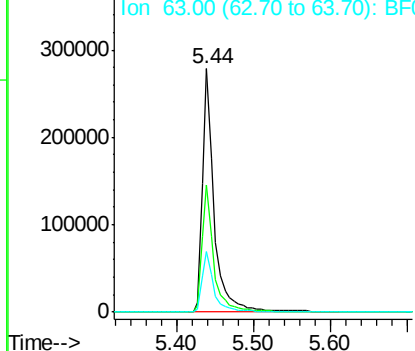
#5

2-Fluorophenol
Concen: 52.934 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Tgt Ion:112 Resp: 296932
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 24.8 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: 3.734 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

Instrument :

BNA_F

ClientSampleId :

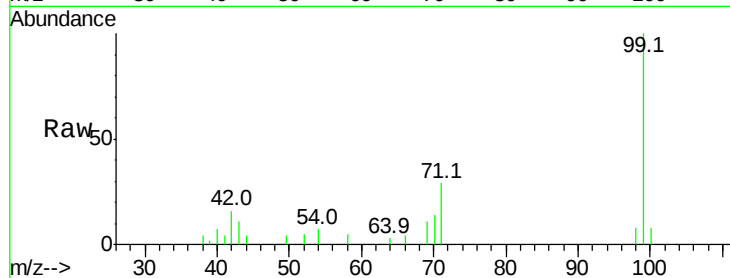
Tot Ion: 99 Resp: 25841

Ion Ratio Lower Upper

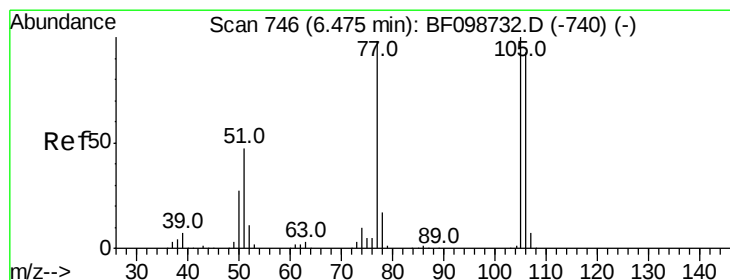
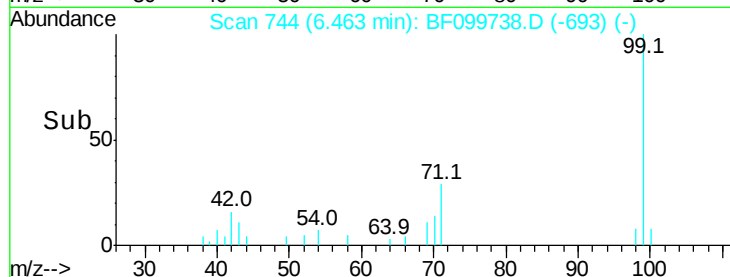
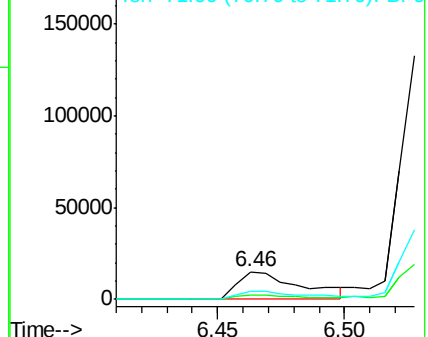
99 100

42 15.9 14.5 21.7

71 28.7 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: 2.548 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

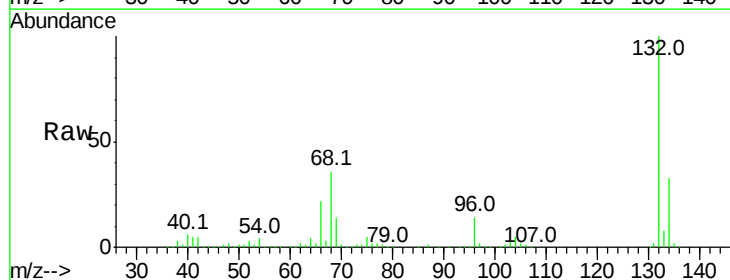
Tgt Ion: 77 Resp: 10229

Ion Ratio Lower Upper

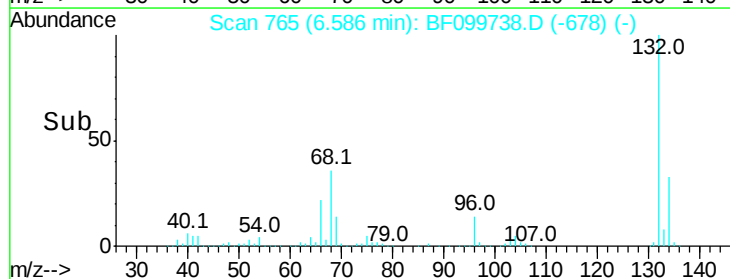
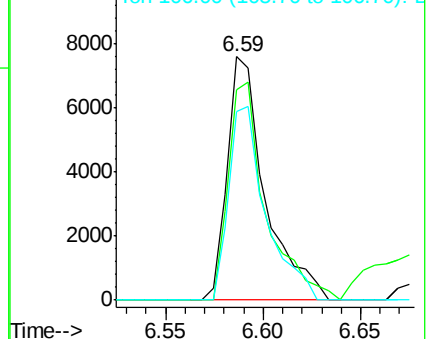
77 100

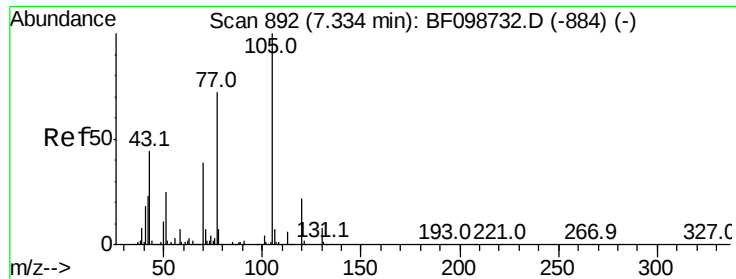
105 86.3 81.1 121.1

106 77.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

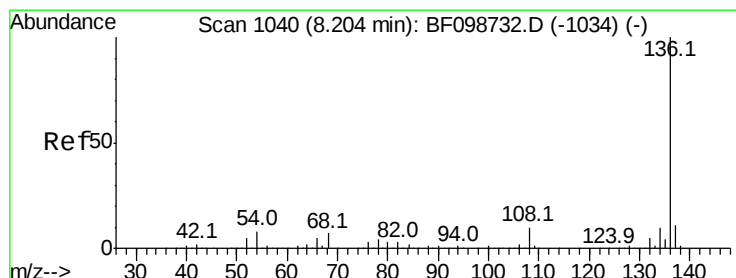
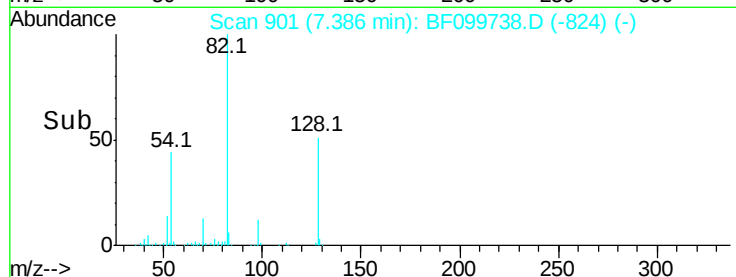
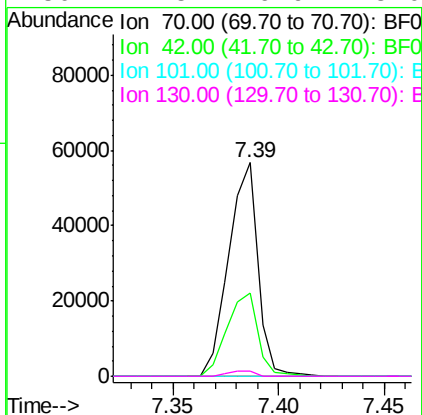
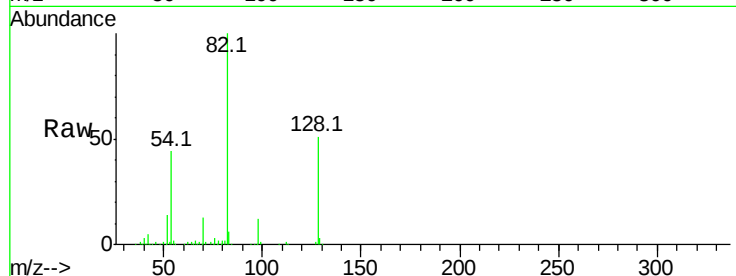




#19
n-Nitroso-di-n-propylamine
Concen: 12.318 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

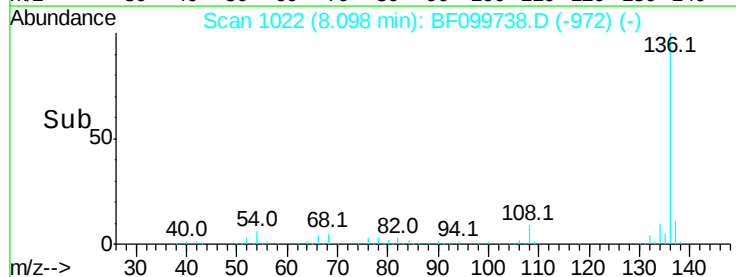
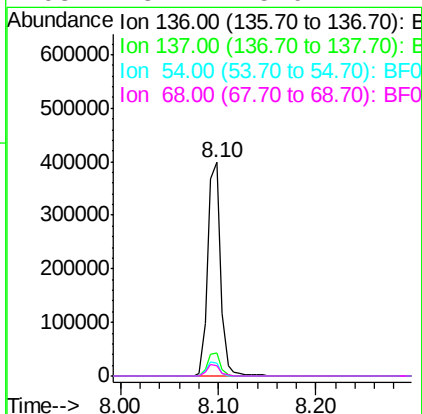
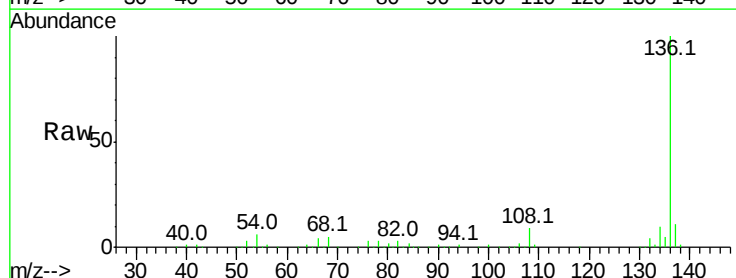
Instrument :
BNA_F
ClientSampleId :

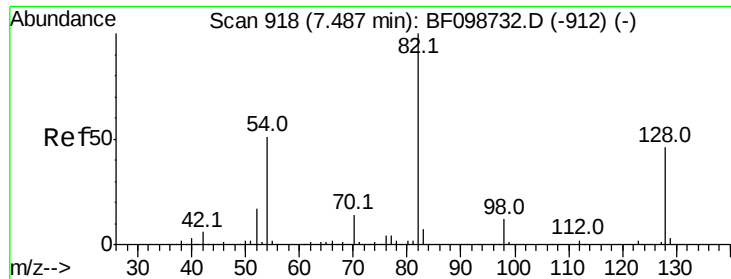
Tot Ion: 70 Resp: 54422
Ion Ratio Lower Upper
70 100
42 38.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Tgt Ion: 136 Resp: 365459
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.9 6.6 9.8#
68 5.1 5.0 7.4

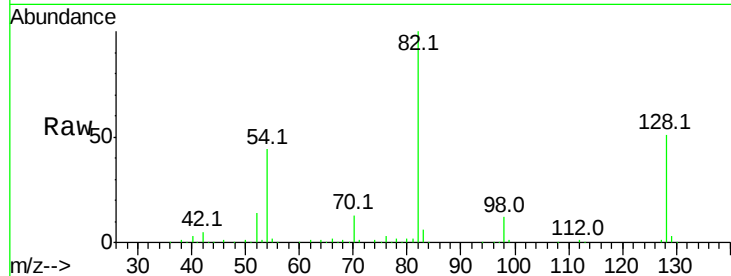




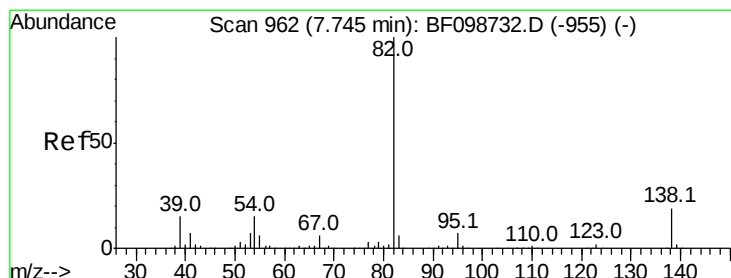
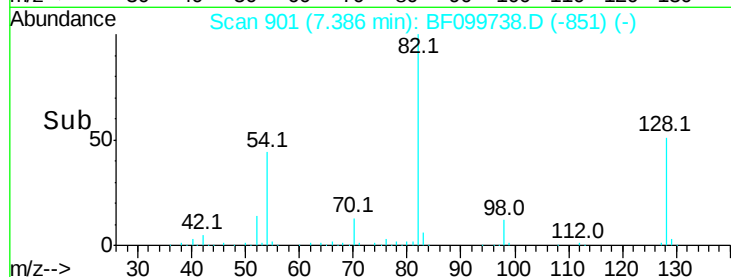
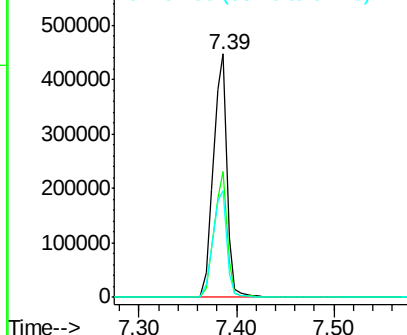
#23
Nitrobenzene-d5
Concen: 76.130 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 433840
Ion Ratio Lower Upper
82 100
128 51.5 36.1 54.1
54 43.5 41.4 62.2

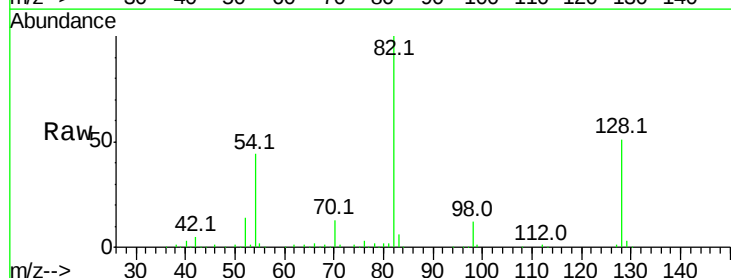


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

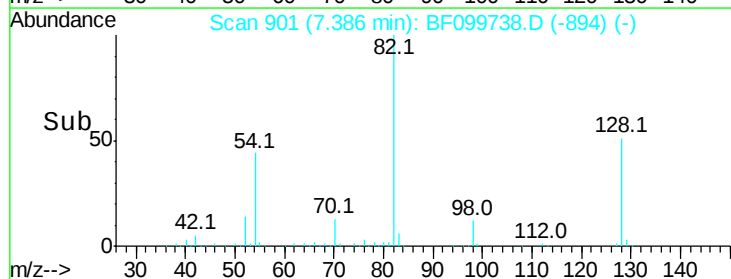
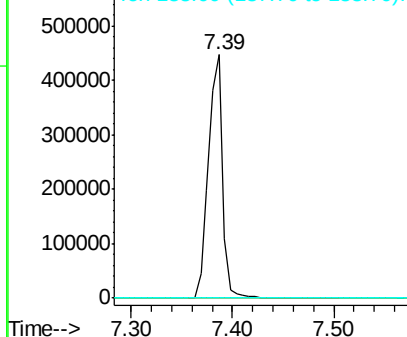


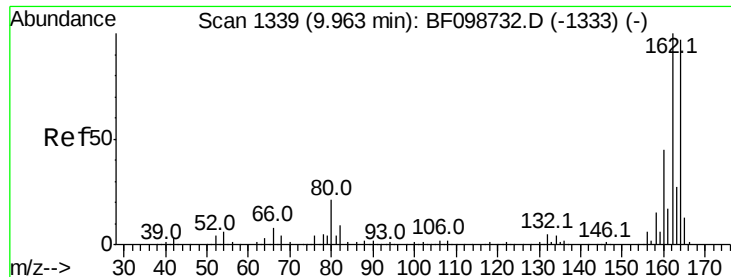
#25
Isophorone
Concen: 36.822 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Tgt Ion: 82 Resp: 433836
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

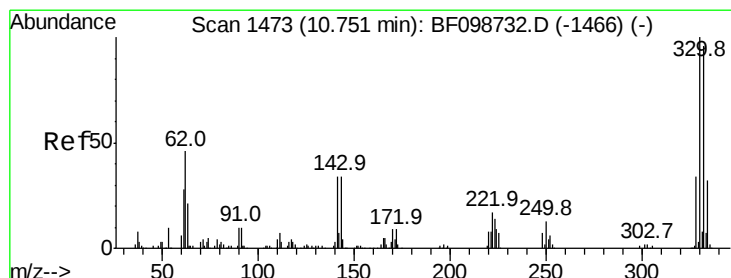
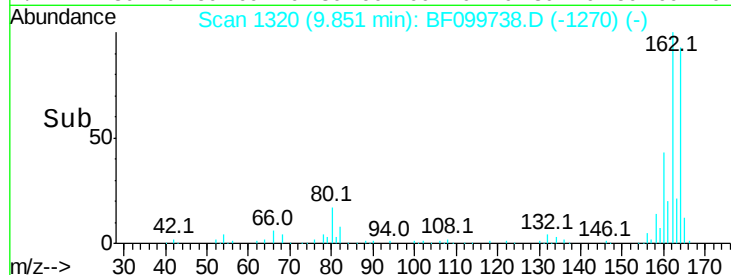
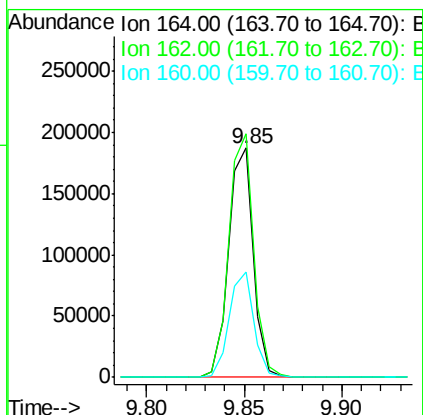
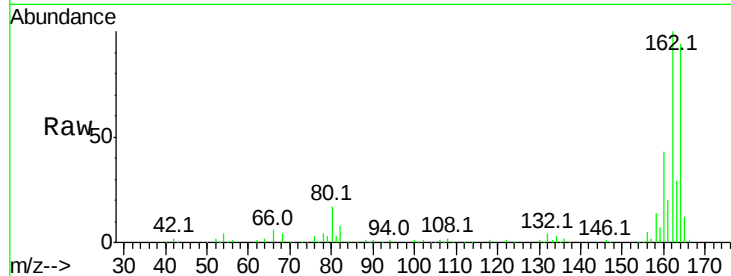




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

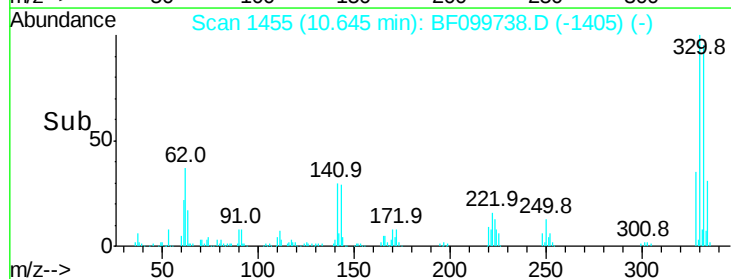
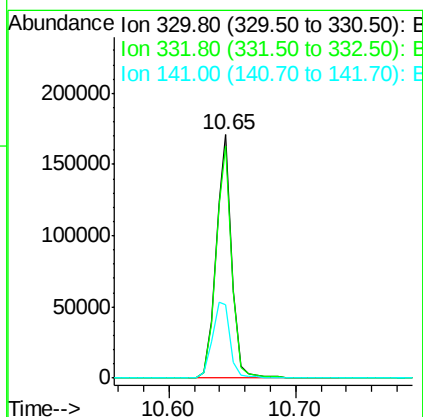
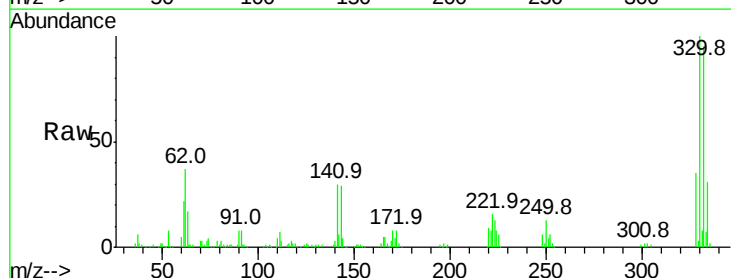
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 163730
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 110.248 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Tgt Ion:330 Resp: 147705
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 35.8 29.9 44.9

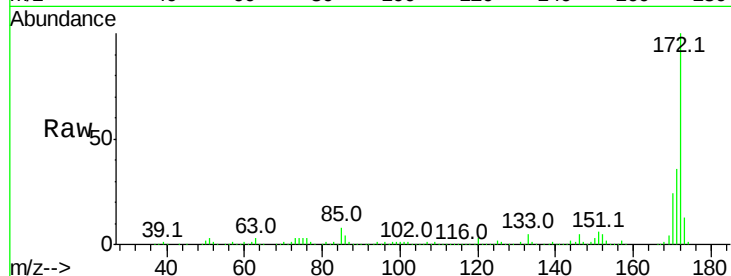




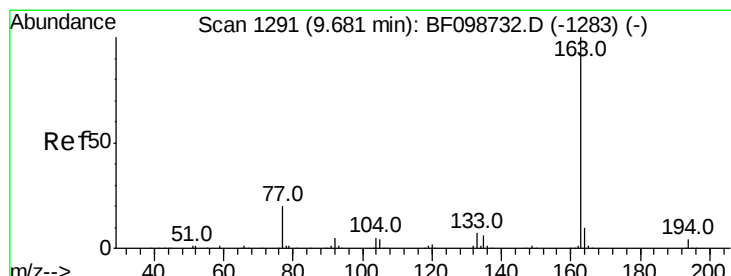
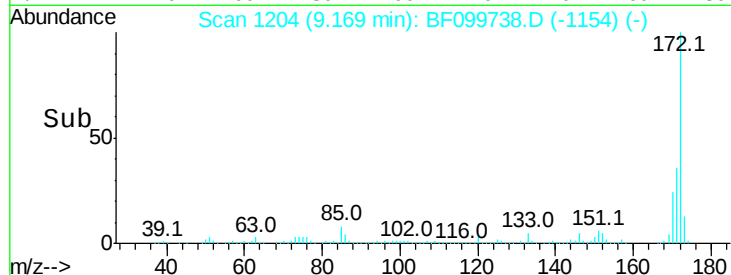
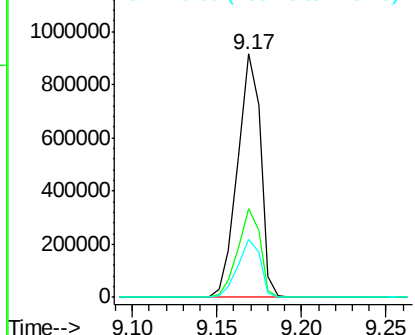
#44
2-Fluorobiphenyl
Concen: 88.862 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 871524
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 19.6 29.4

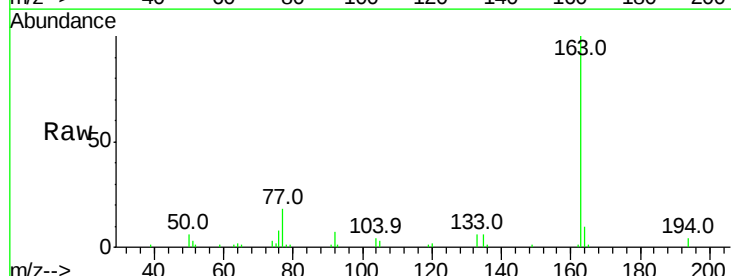


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

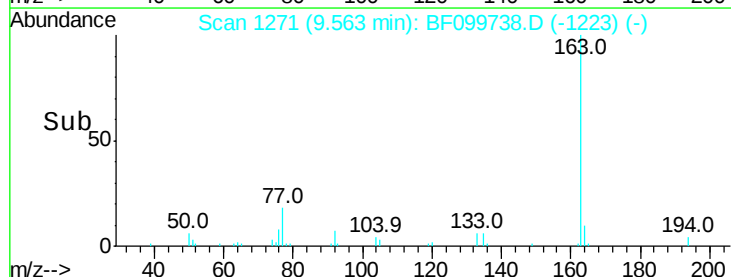
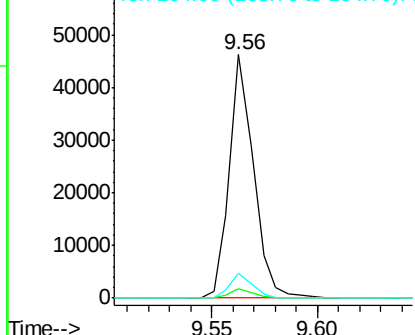


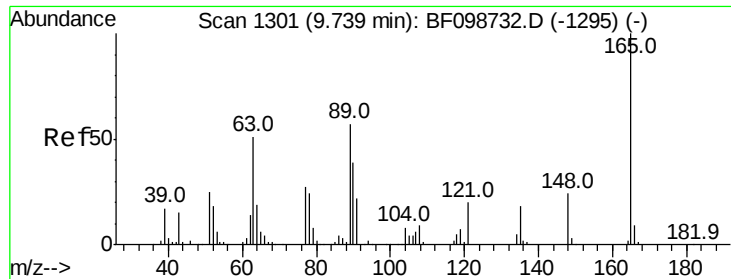
#49
Dimethylphthalate
Concen: 2.970 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Tgt Ion:163 Resp: 36703
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 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

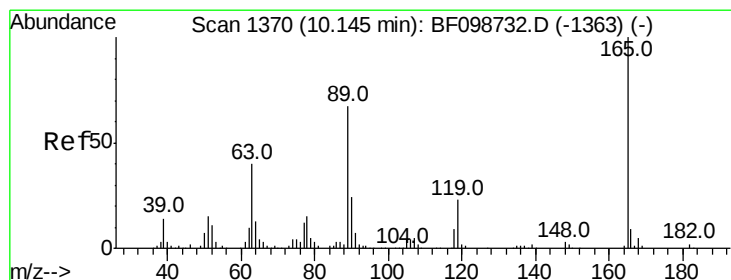
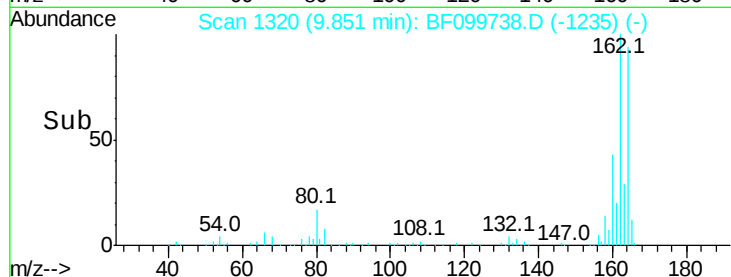
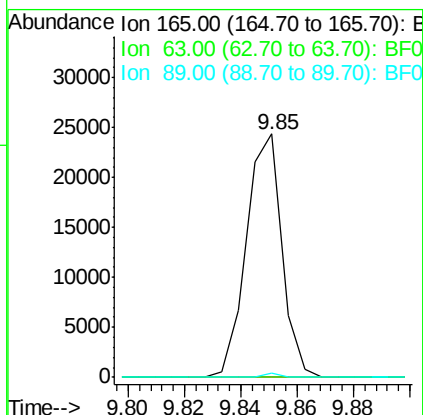
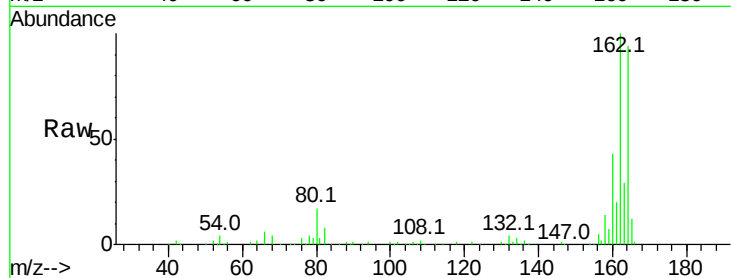




#50
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

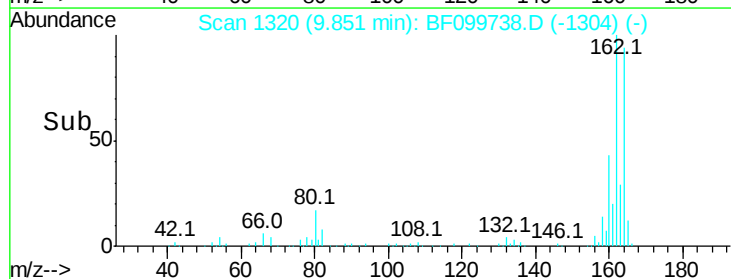
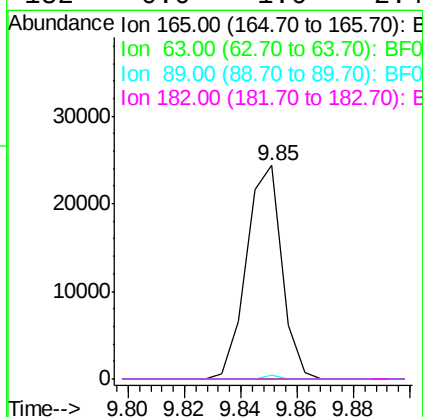
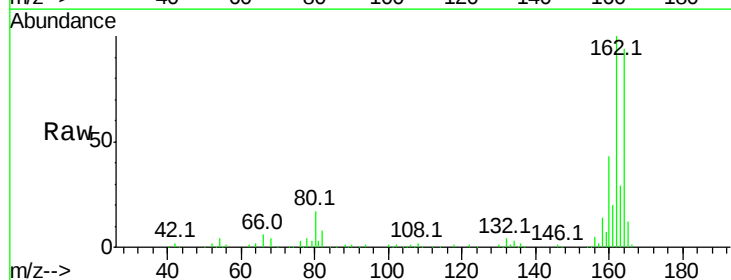
Instrument :
BNA_F
ClientSampleId :

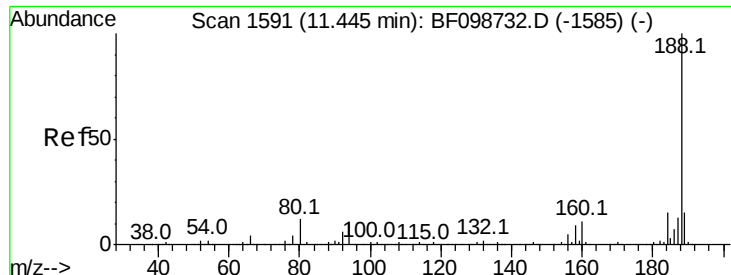
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.066 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF099738.D
Acq: 21 Oct 2017 20:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

Instrument :

BNA_F

ClientSampleId :

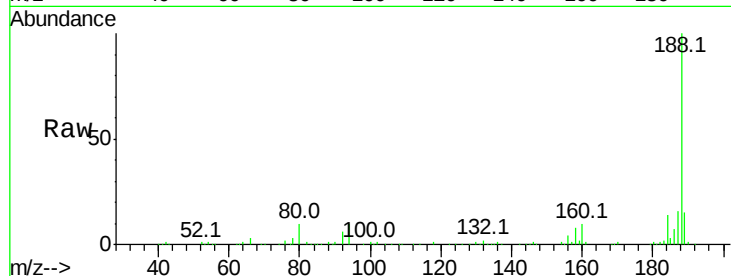
Tot Ion:188 Resp: 261373

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

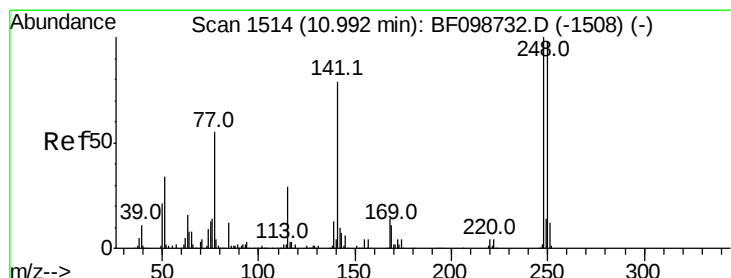
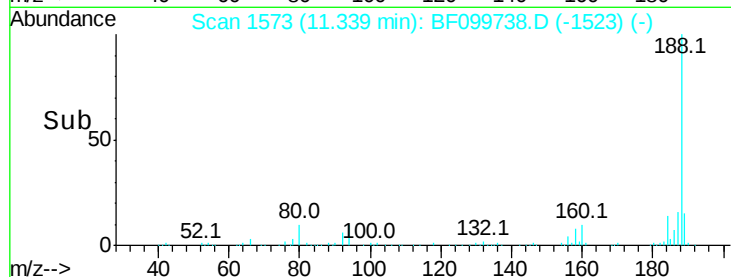
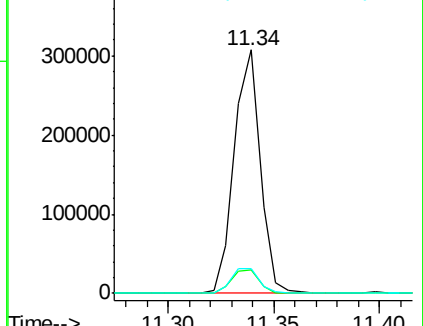
80 10.2 9.2 13.8



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: 3.828 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.24 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

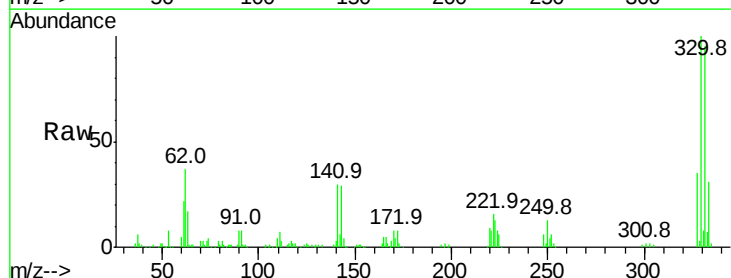
Tgt Ion:248 Resp: 9793

Ion Ratio Lower Upper

248 100

250 195.3 76.9 115.3#

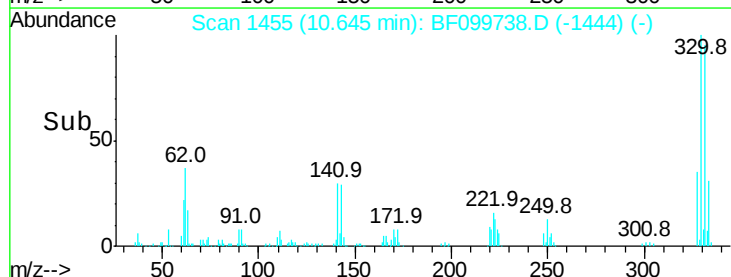
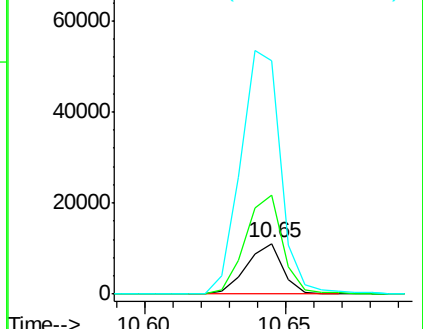
141 463.8 74.4 111.6#

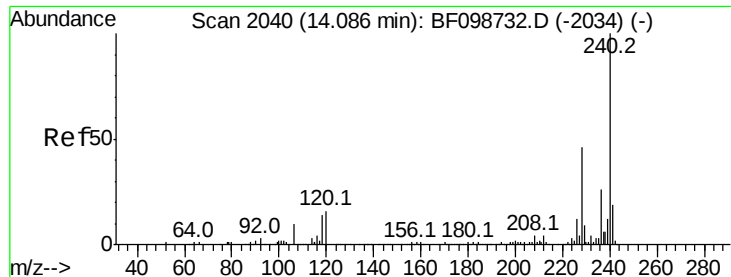


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

Instrument :

BNA_F

ClientSampled :

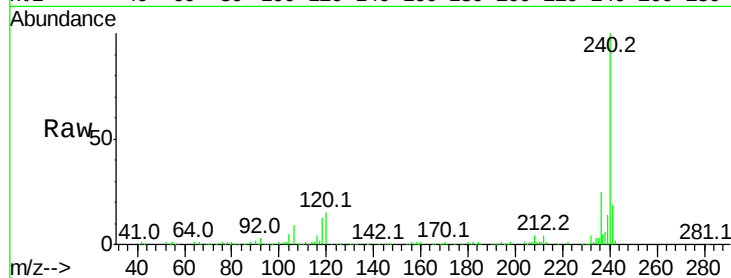
Tot Ion:240 Resp: 158692

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

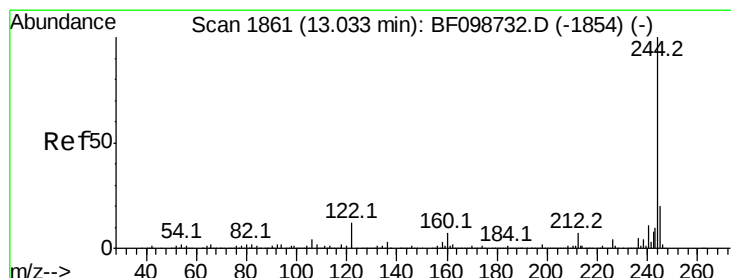
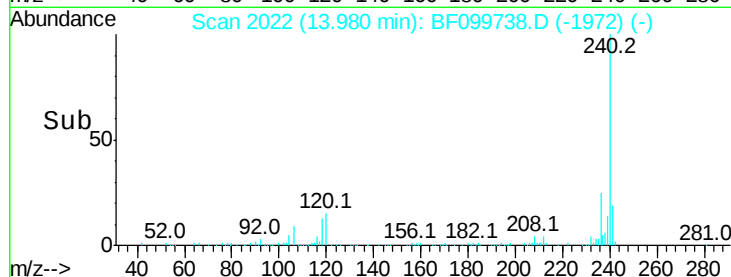
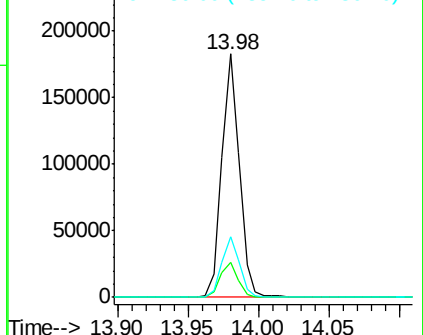
236 25.0 20.7 31.1



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: 78.883 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099738.D

Acq: 21 Oct 2017 20:03

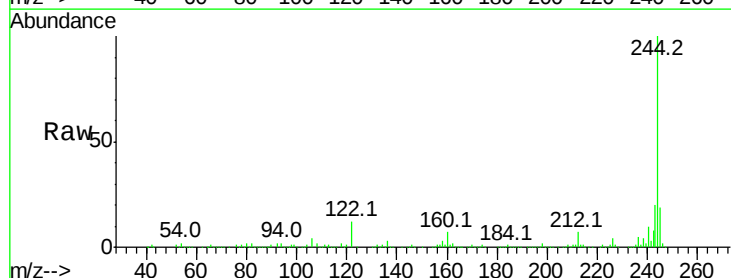
Tgt Ion:244 Resp: 550441

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

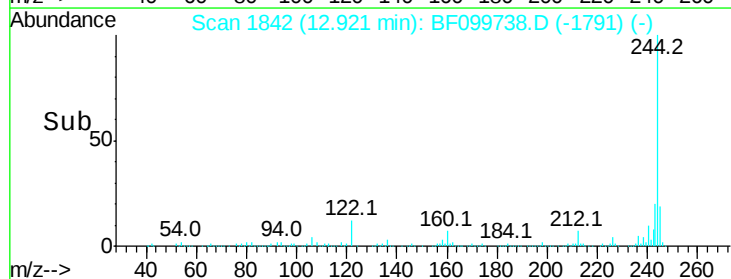
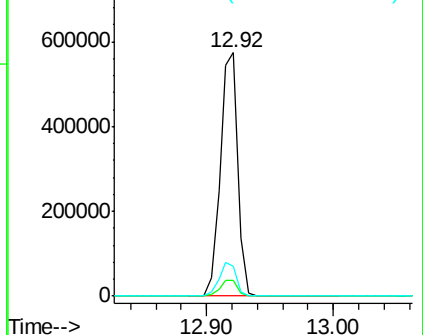
122 12.3 11.0 16.4

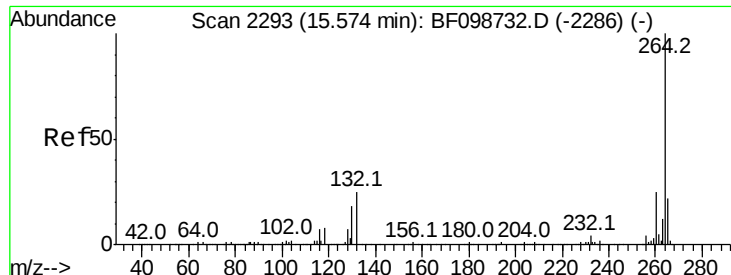


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

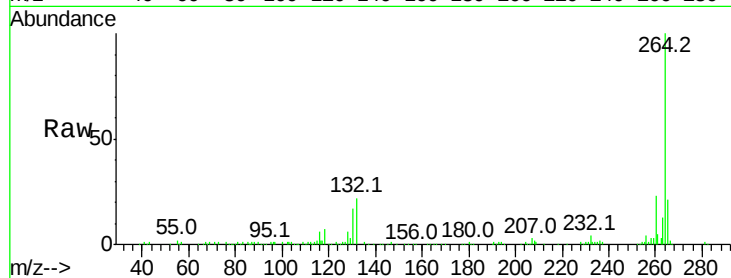




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099738.D
 Acq: 21 Oct 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3



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

