

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099272.D
 Acq On : 9 Oct 2017 19:48
 Operator : SJ/JU
 Sample : I5651-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:12:33 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

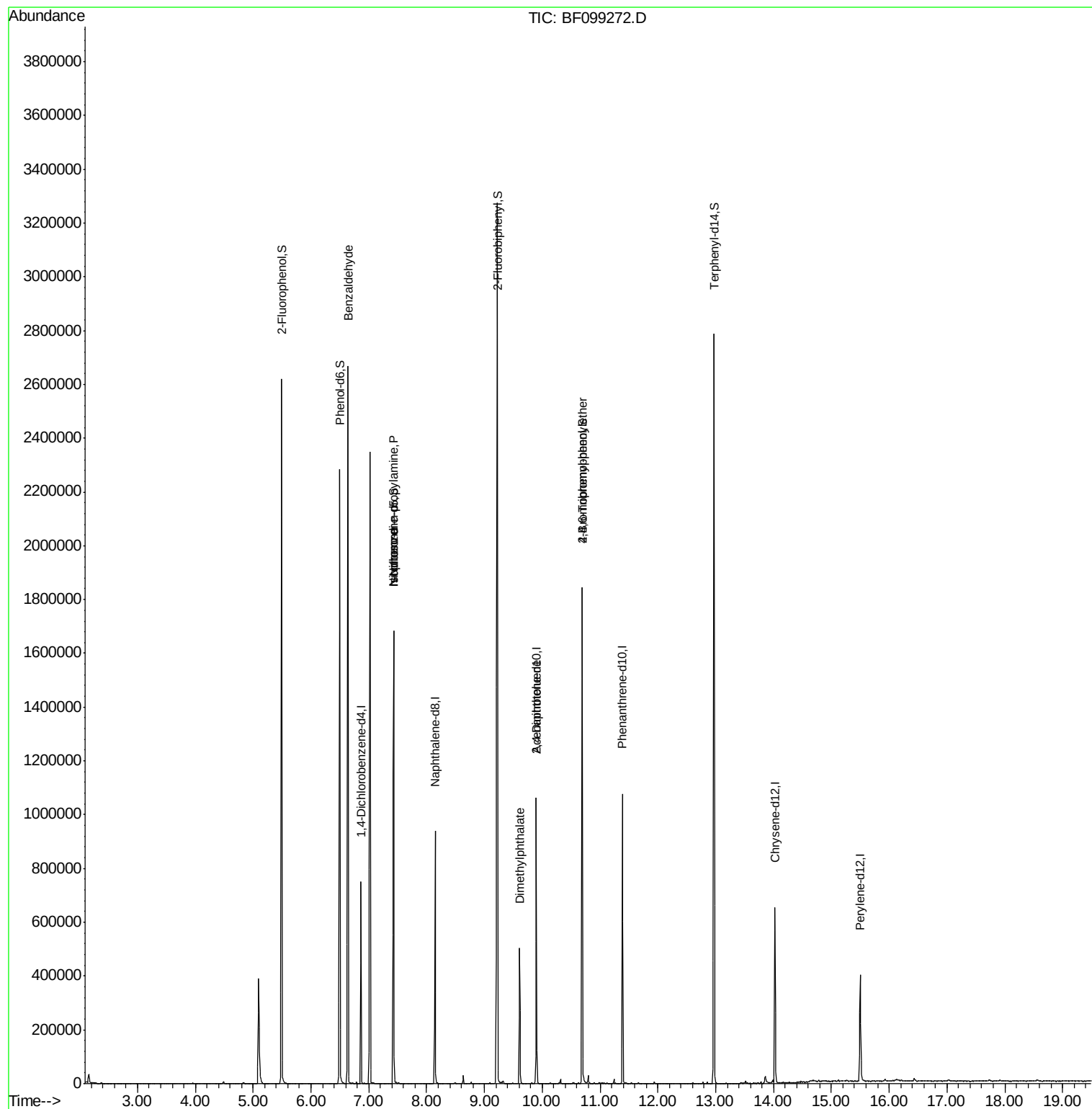
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104981	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	434211	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	198647	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	360005	20.00	ng	0.00
75) Chrysene-d12	14.03	240	224318	20.00	ng	0.00
86) Perylene-d12	15.50	264	188167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	847323	128.49	ng	0.01
7) Phenol-d6	6.50	99	1031633	126.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	615485	90.90	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	235068	144.62	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1128030	94.80	ng	0.00
78) Terphenyl-d14	12.97	244	965227	97.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	16367	3.47	ng	85
19) n-Nitroso-di-n-propylamine	7.43	70	78727	15.16	ng	# 74
25) Isophorone	7.43	82	615474	43.97	ng	# 64
49) Dimethylphthalate	9.61	163	196409	13.10	ng	99
56) 2,4-Dinitrotoluene	9.90	165	25661	6.06	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	15403	4.37	ng	# 1

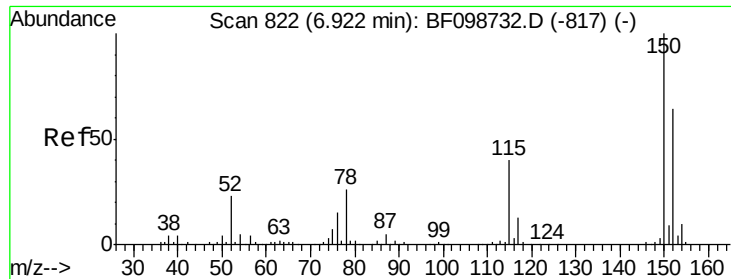
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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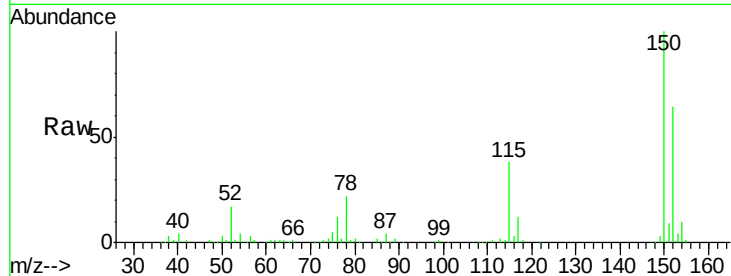


#1

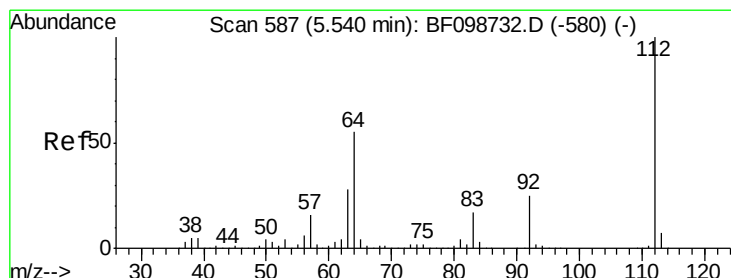
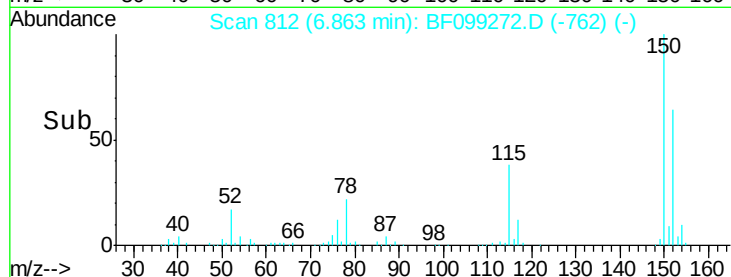
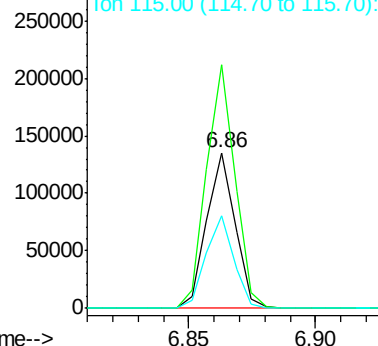
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099272.D
Acq: 9 Oct 2017 19:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104981
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.4 50.1 75.1



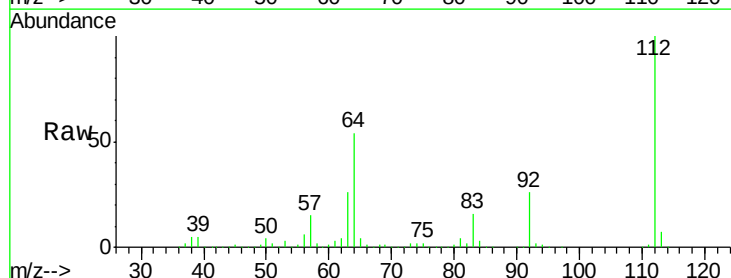
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



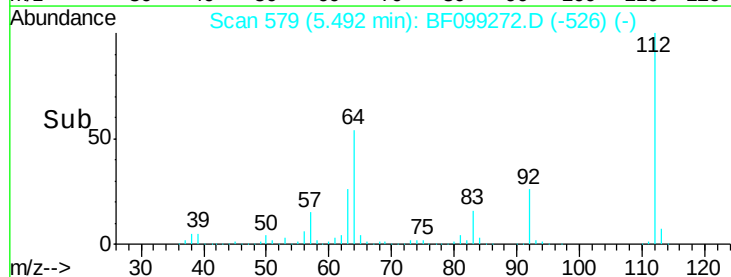
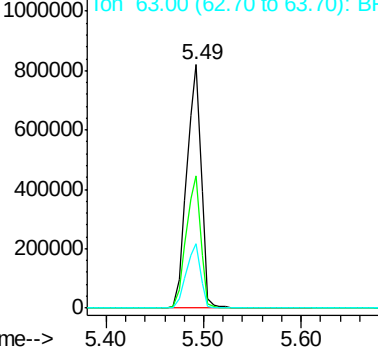
#5

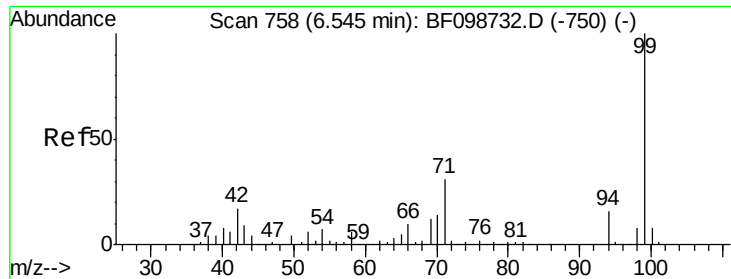
2-Fluorophenol
Concen: 128.49 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099272.D
Acq: 9 Oct 2017 19:48

Tgt Ion:112 Resp: 847323
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 26.4 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: 126.81 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

Instrument :

BNA_F

ClientSampled :

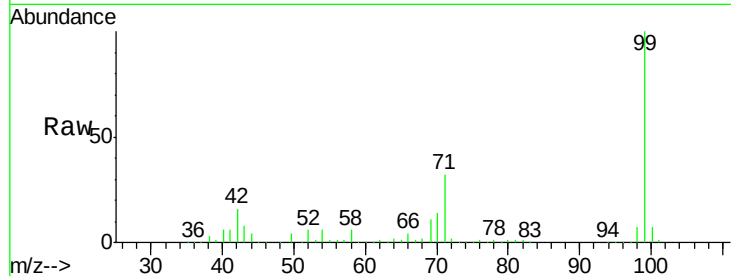
Tot Ion: 99 Resp: 1031633

Ion Ratio Lower Upper

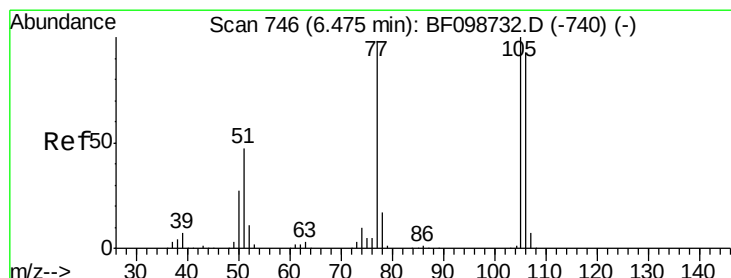
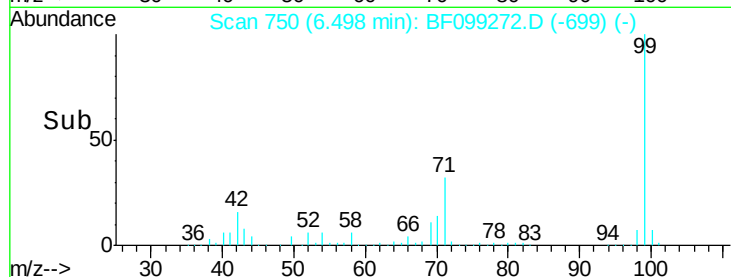
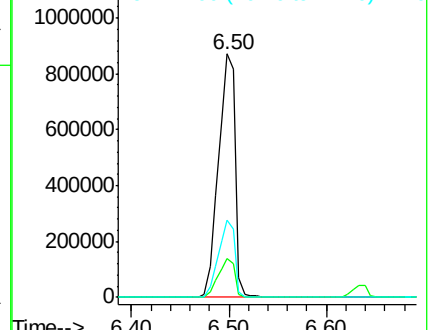
99 100

42 16.0 14.5 21.7

71 31.6 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: 3.47 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

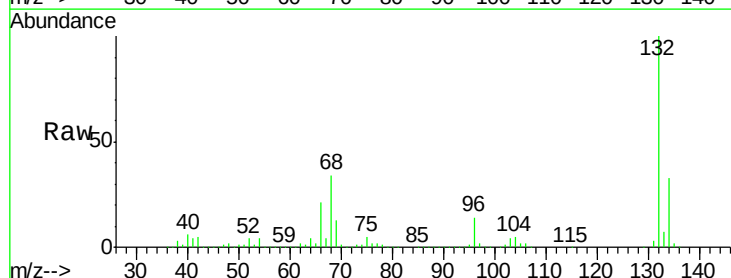
Tgt Ion: 77 Resp: 16367

Ion Ratio Lower Upper

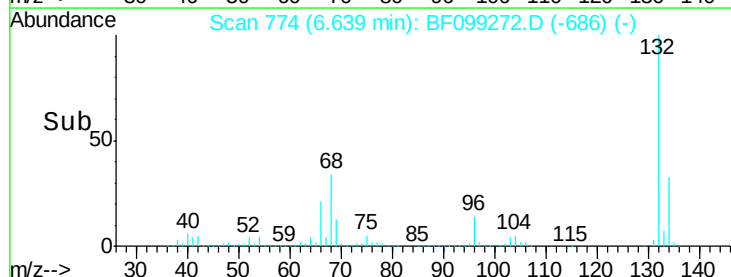
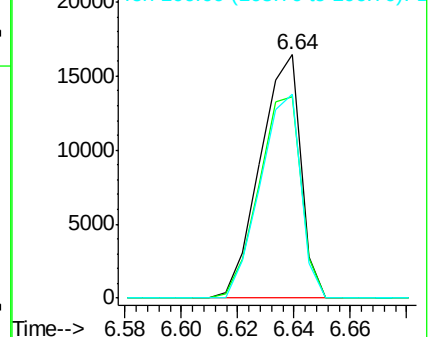
77 100

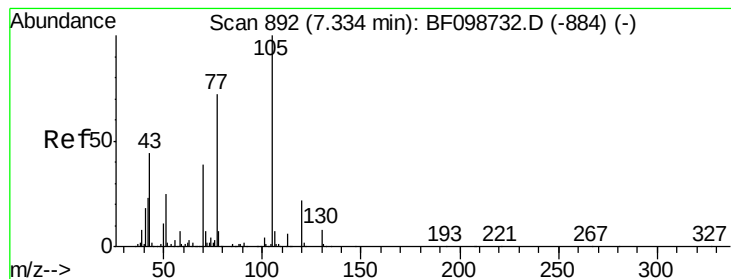
105 82.5 81.1 121.1

106 83.6 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





#19

n-Nitroso-di-n-propylamine

Concen: 15.16 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

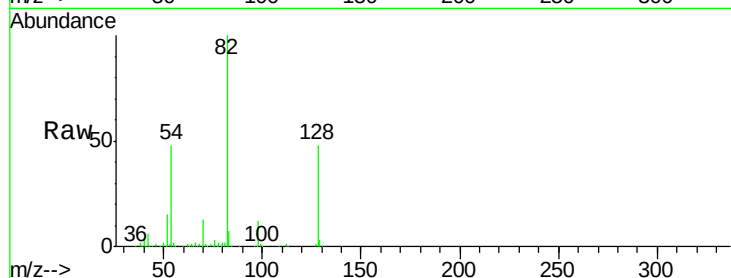
Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

Instrument :

BNA_F

ClientSampled :



Tot Ion: 70 Resp: 78727

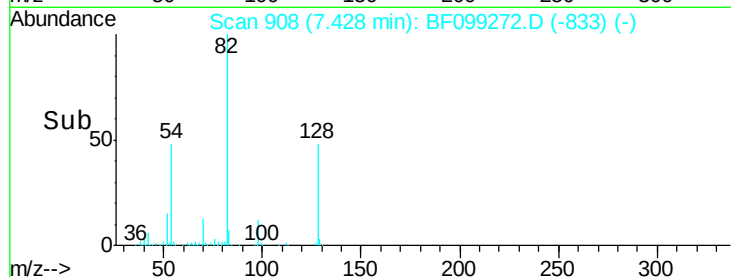
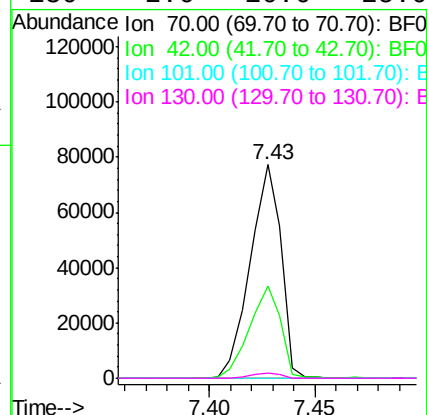
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

Tgt Ion: 136 Resp: 434211

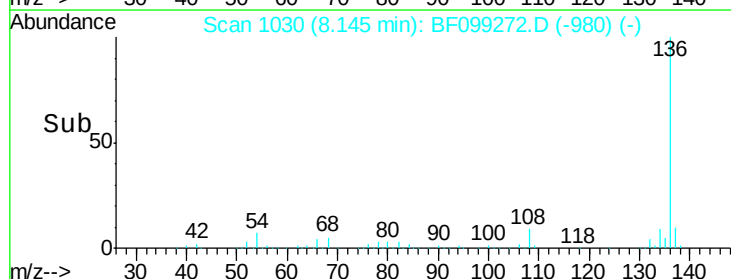
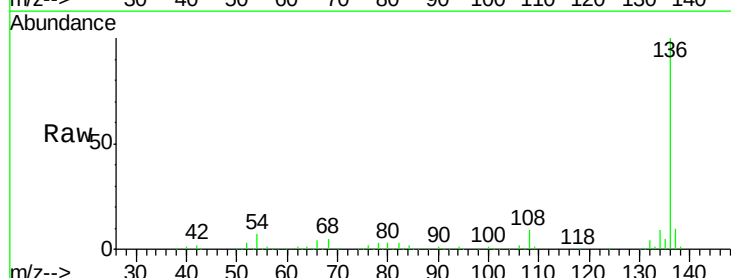
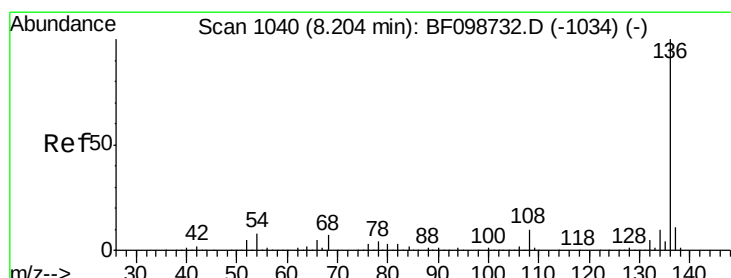
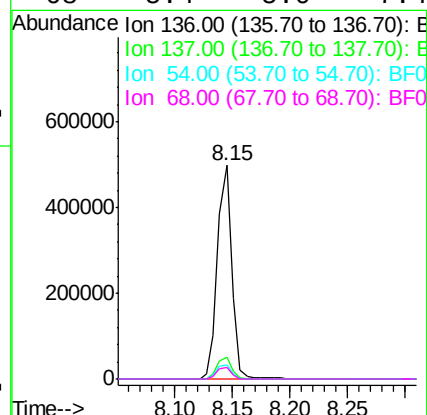
Ion Ratio Lower Upper

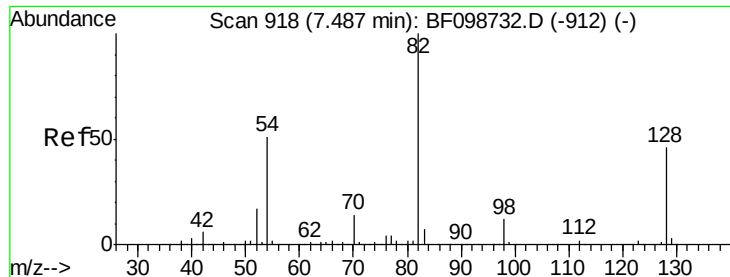
136 100

137 10.5 8.9 13.3

54 6.7 6.6 9.8

68 5.4 5.0 7.4

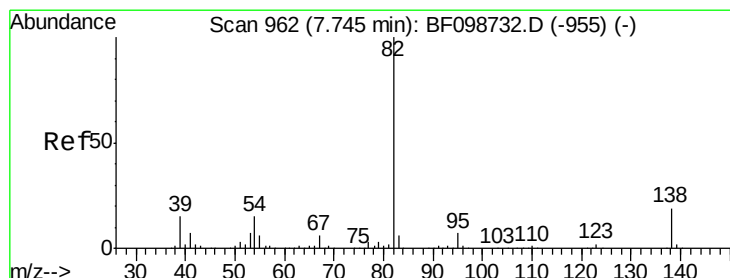
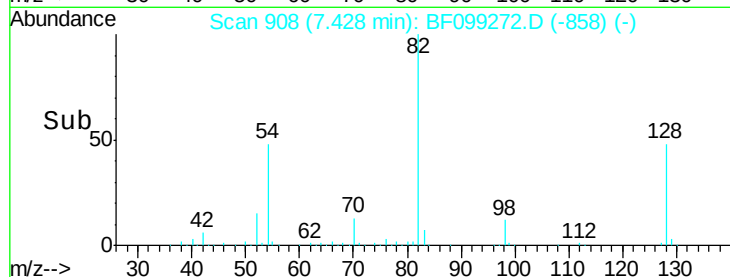
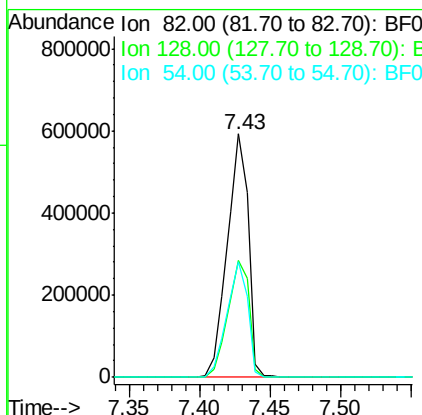
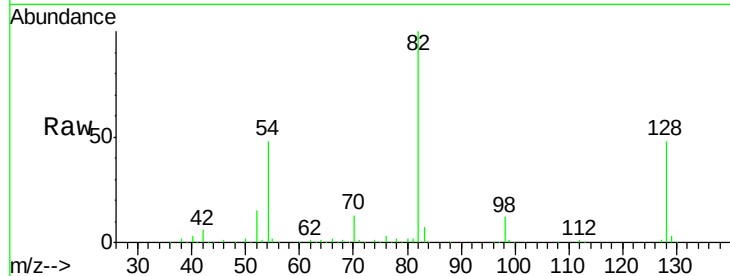




#23
 Nitrobenzene-d5
 Concen: 90.90 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099272.D
 Acq: 9 Oct 2017 19:48

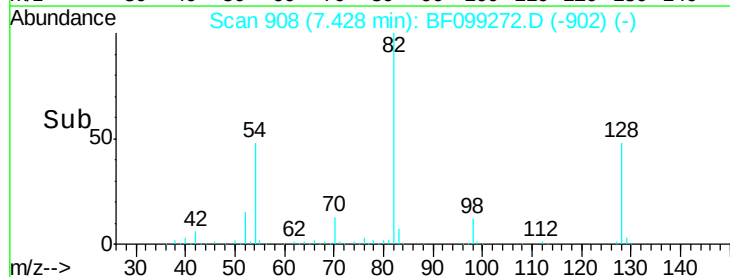
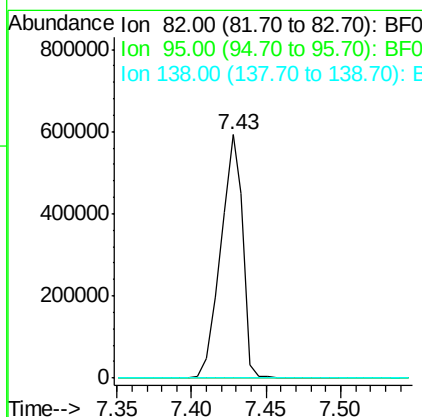
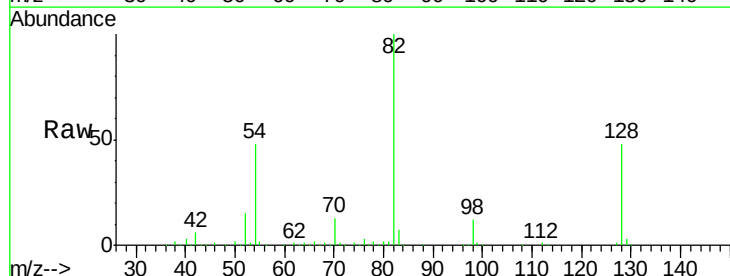
Instrument :
 BNA_F
 ClientSampleId :

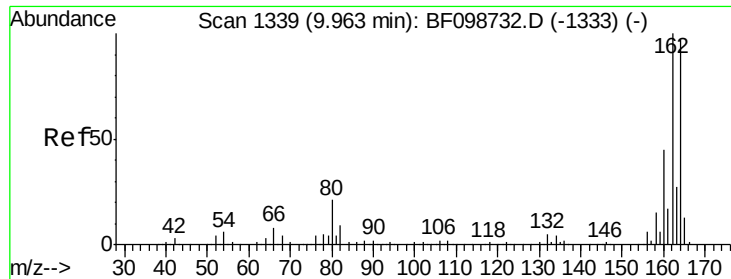
Tot Ion	82	Resp	615485
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.1	54.1
54	47.6	41.4	62.2



#25
 Isophorone
 Concen: 43.97 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099272.D
 Acq: 9 Oct 2017 19:48

Tgt Ion	82	Resp	615474
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

Instrument :

BNA_F

ClientSampleId :

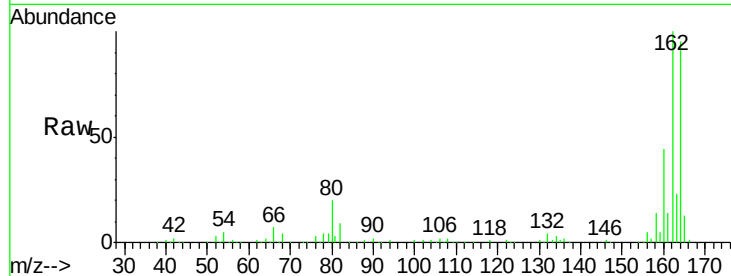
Tot Ion:164 Resp: 198647

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

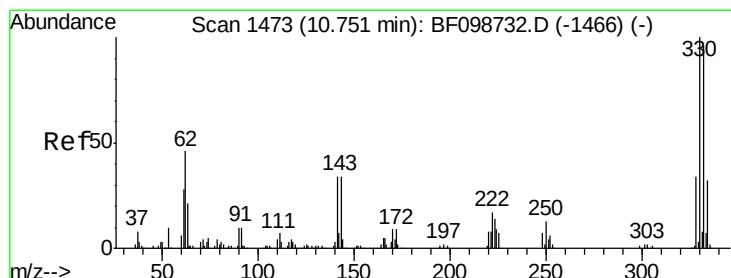
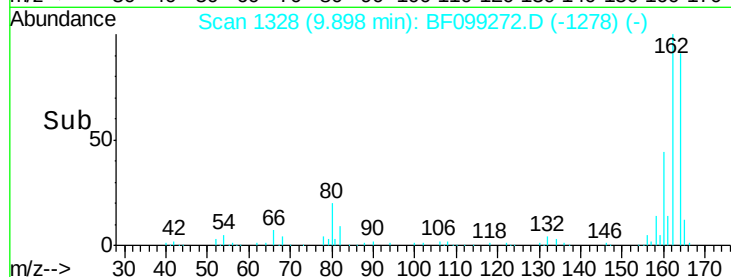
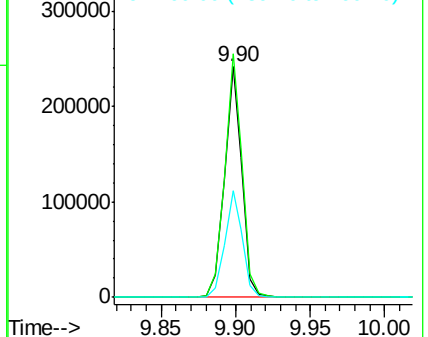
160 46.0 38.3 57.5



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: 144.62 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

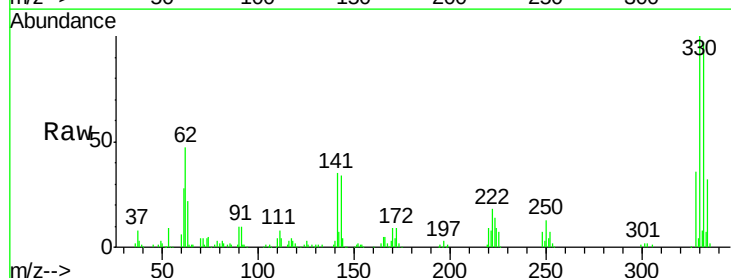
Tgt Ion:330 Resp: 235068

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

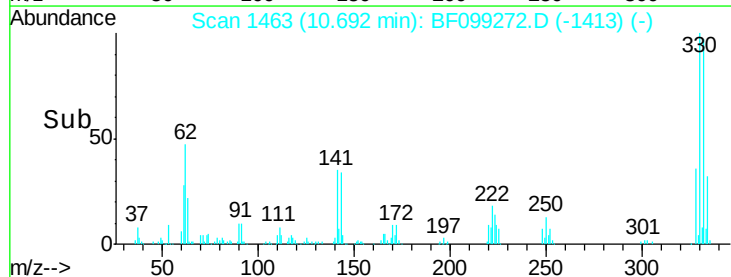
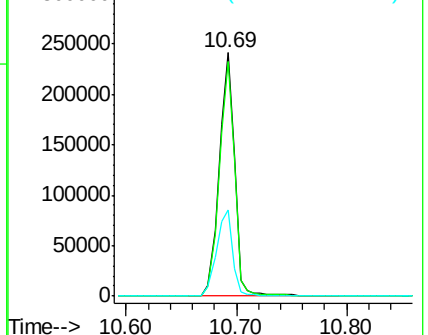
141 36.9 29.9 44.9

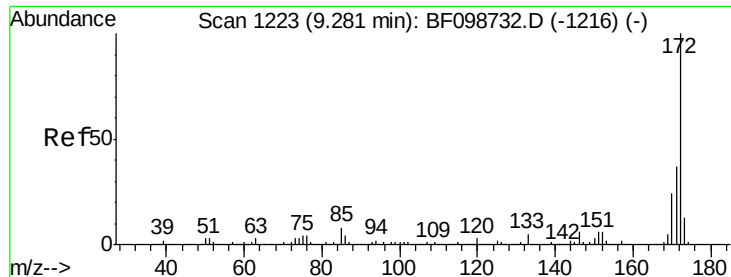


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

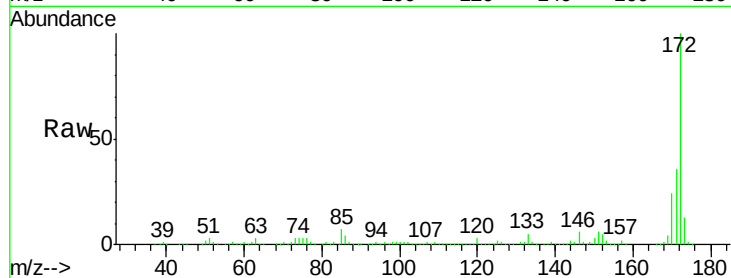




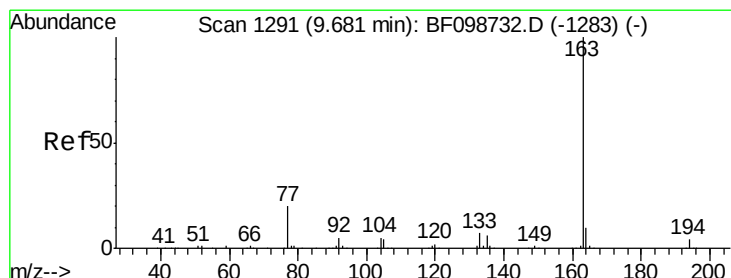
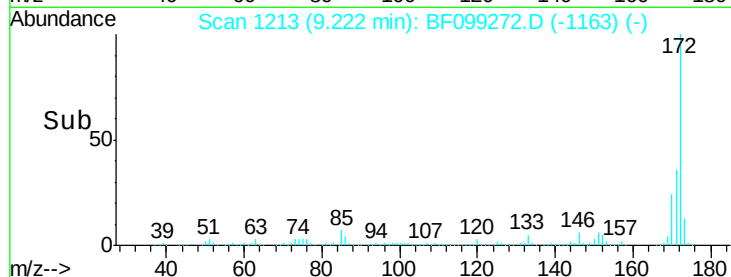
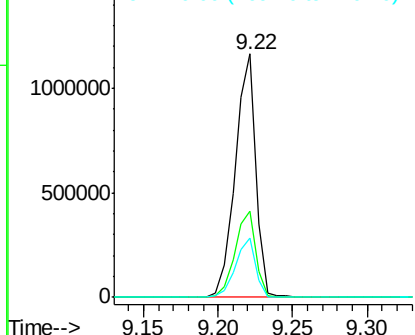
#44
2-Fluorobiphenyl
Concen: 94.80 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099272.D
Acq: 9 Oct 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1128030
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.4 19.6 29.4

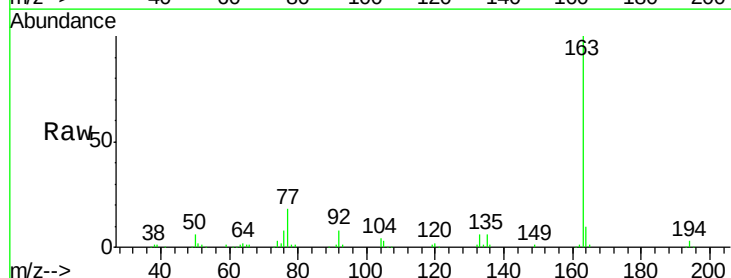


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

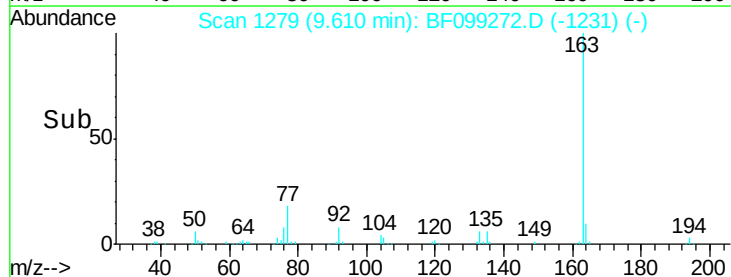
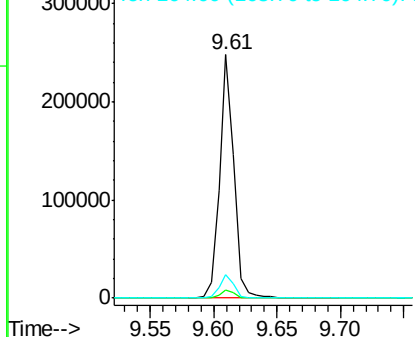


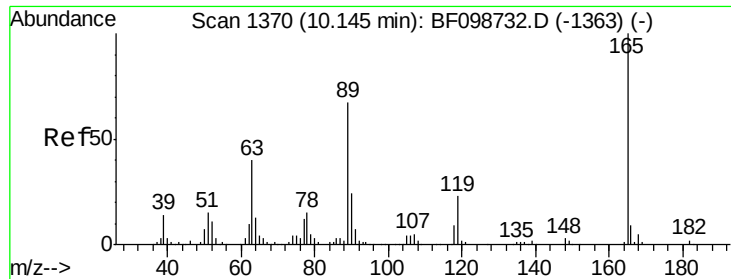
#49
Dimethylphthalate
Concen: 13.10 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099272.D
Acq: 9 Oct 2017 19:48

Tgt Ion:163 Resp: 196409
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.7 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

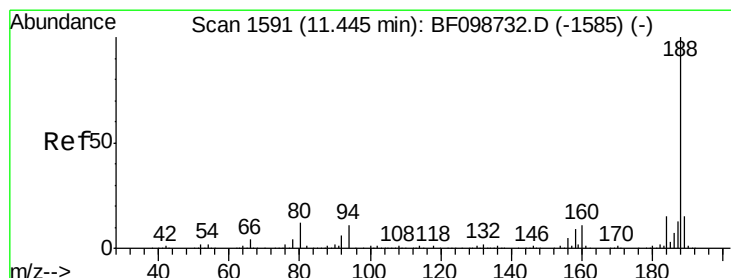
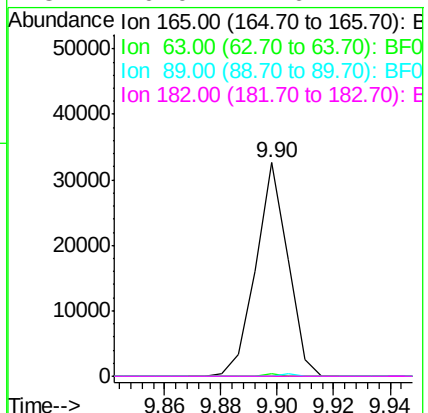
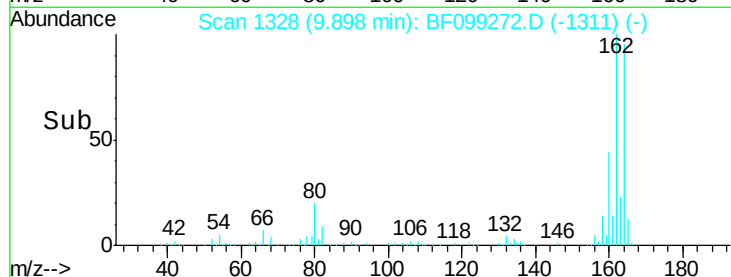
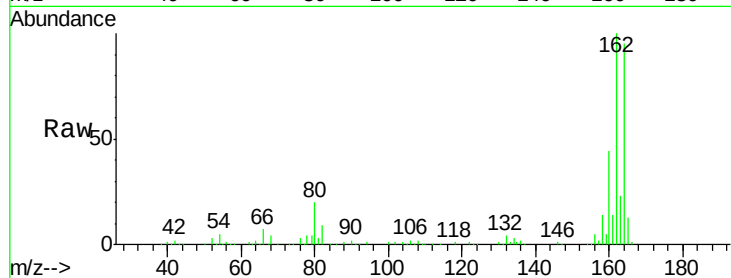




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099272.D
 Acq: 9 Oct 2017 19:48

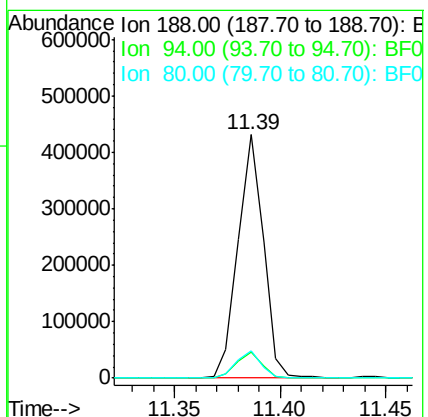
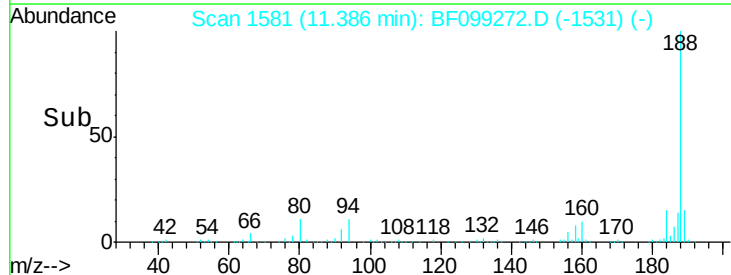
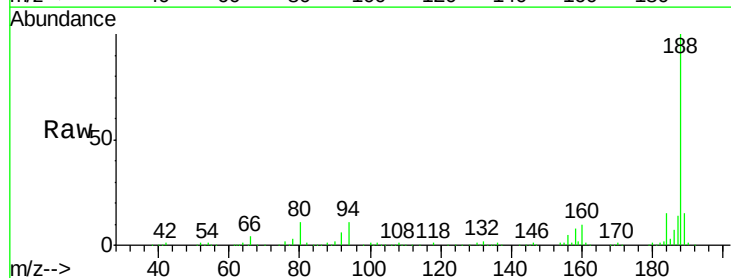
Instrument :
 BNA_F
 ClientSampleId :

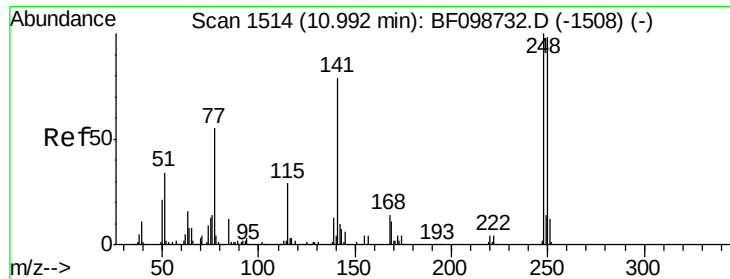
Tot Ion:165	Resp:	25661
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099272.D
 Acq: 9 Oct 2017 19:48

Tgt Ion:188	Resp:	360005
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.5 12.7
80	11.2	9.2 13.8

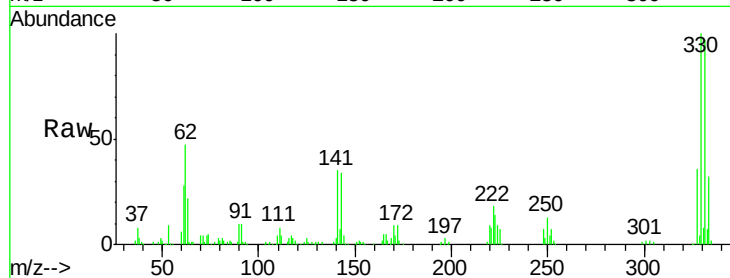




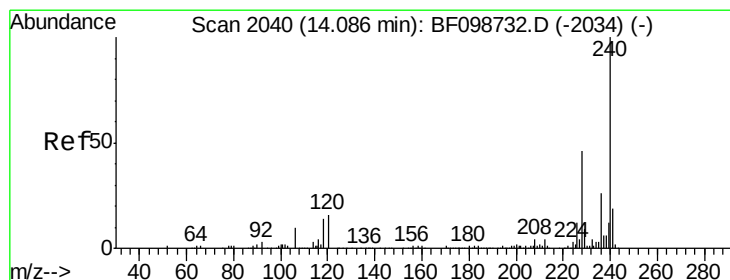
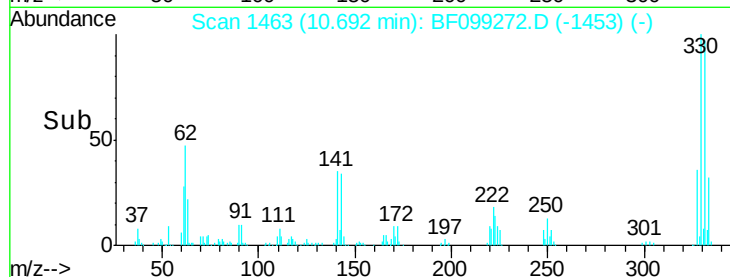
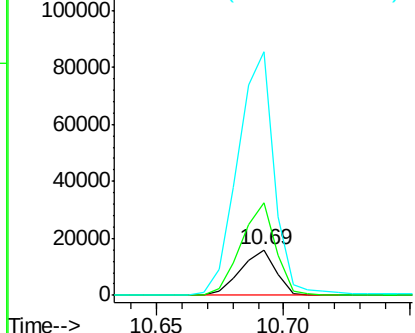
#66
 4-Bromophenyl-phenylether
 Concen: 4.37 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099272.D
 Acq: 9 Oct 2017 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15403
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.9 115.3#
 141 531.6 74.4 111.6#

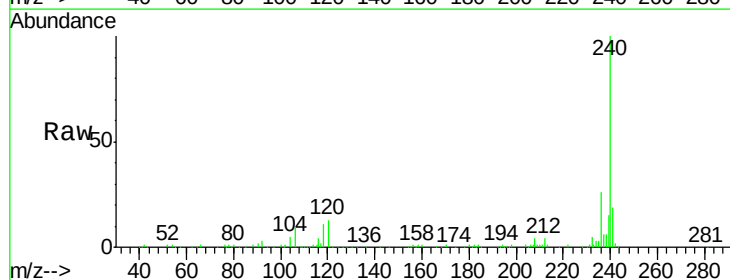


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

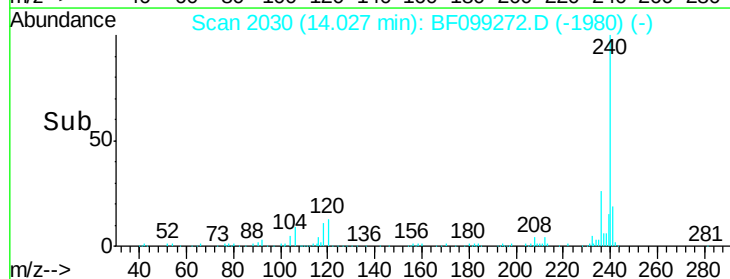
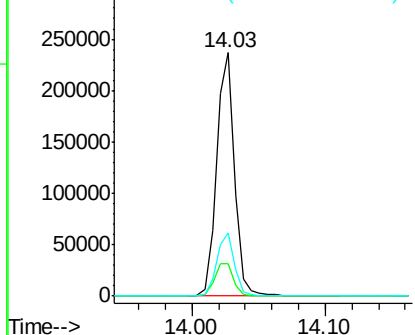


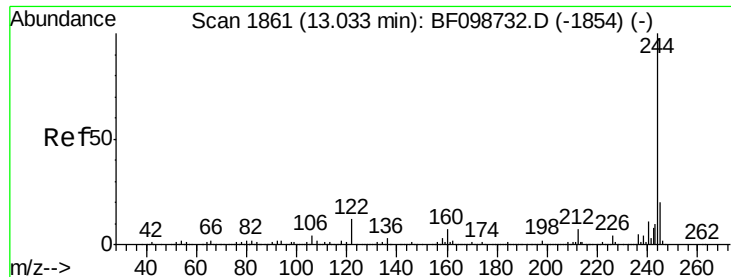
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099272.D
 Acq: 9 Oct 2017 19:48

Tgt Ion:240 Resp: 224318
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.7 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: 97.86 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

Instrument :

BNA_F

ClientSampleId :

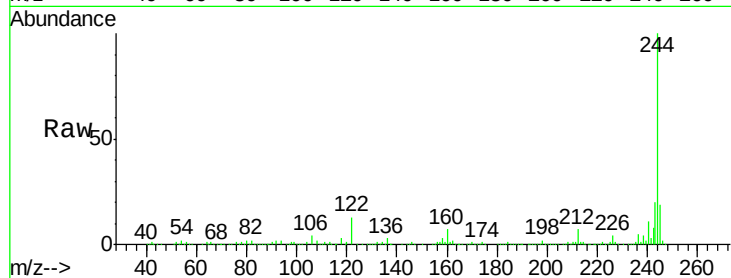
Tot Ion:244 Resp: 965227

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

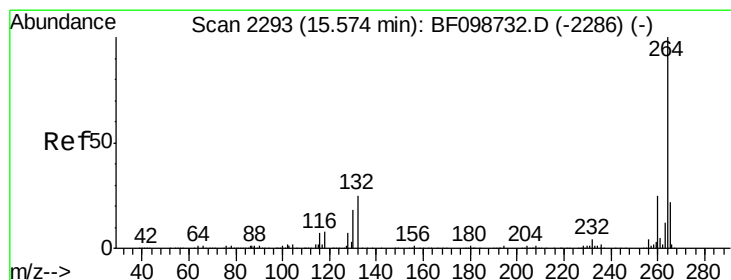
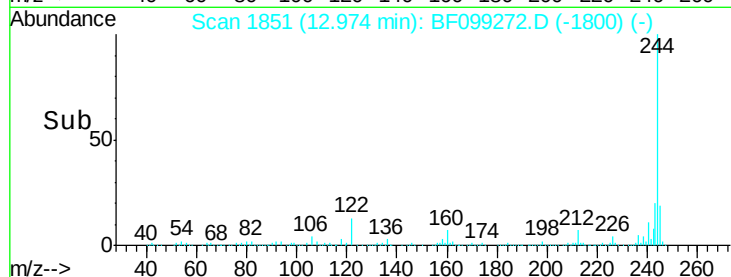
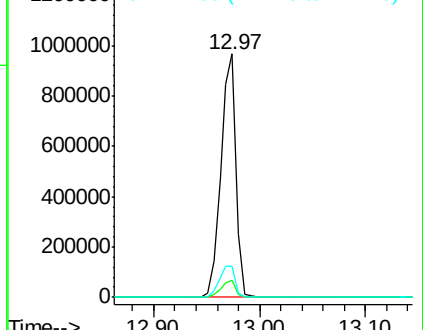
122 12.8 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099272.D

Acq: 9 Oct 2017 19:48

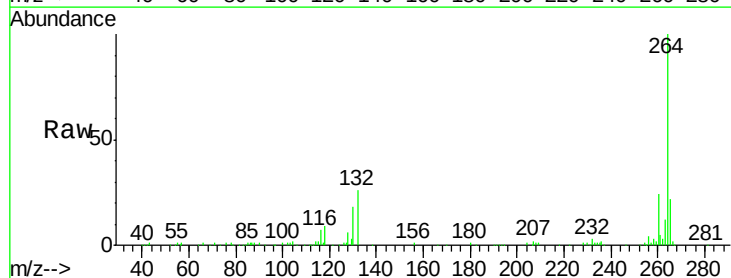
Tgt Ion:264 Resp: 188167

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.1 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

