

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099522.D
 Acq On : 15 Oct 2017 19:14
 Operator : SJ/JU
 Sample : I5816-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:08:07 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

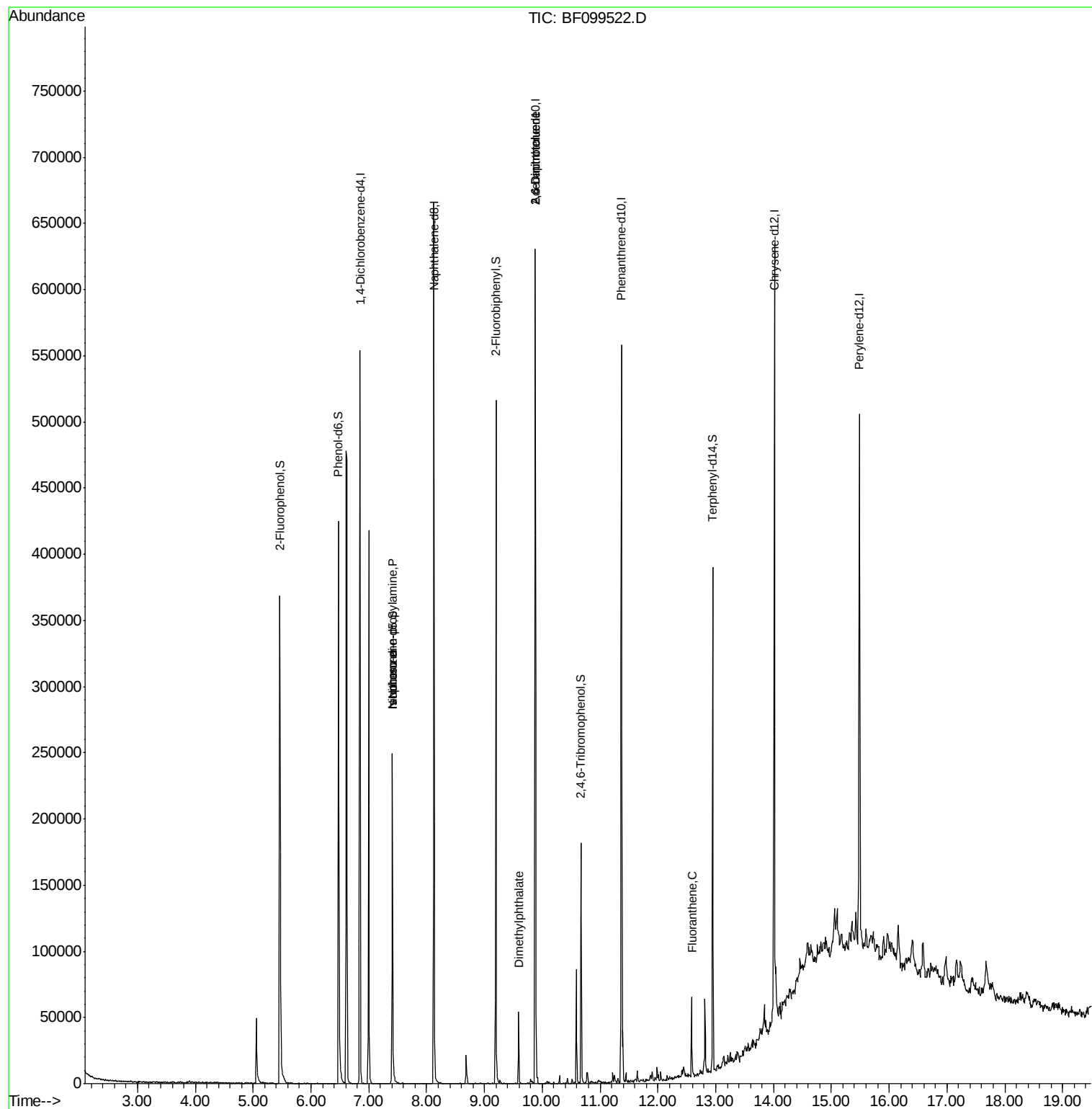
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	88079	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	321669	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	114902	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	176486	20.00	ng	0.00
75) Chrysene-d12	14.02	240	190619	20.00	ng	0.00
86) Perylene-d12	15.49	264	173327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	132819	24.01	ng	0.00
7) Phenol-d6	6.47	99	158144	23.17	ng	-0.01
23) Nitrobenzene-d5	7.40	82	82706	16.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	18841	20.04	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	154977	22.52	ng	-0.01
78) Terphenyl-d14	12.95	244	117469	14.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	9960	2.29	ng	# 80
25) Isophorone	7.40	82	82706	7.98	ng	# 64
49) Dimethylphthalate	9.59	163	21911	2.53	ng	# 99
50) 2,6-Dinitrotoluene	9.88	165	14124	7.48	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	14124	5.76	ng	# 21
74) Fluoranthene	12.59	202	22798	2.38	ng	97

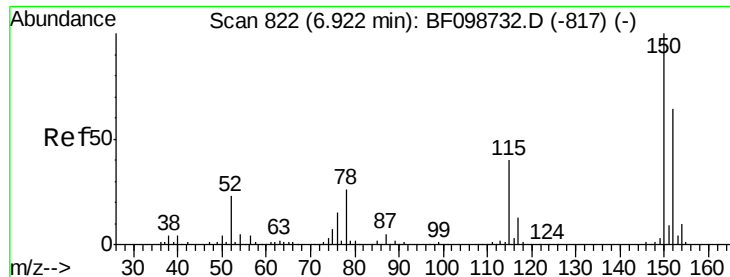
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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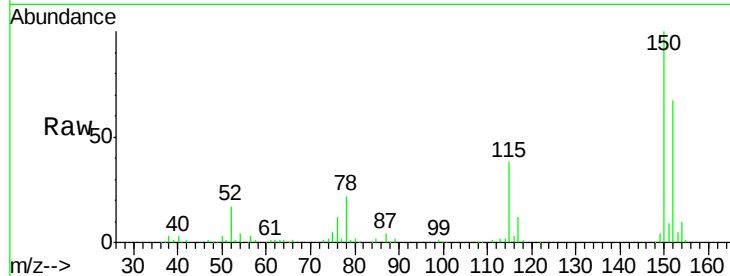


#1

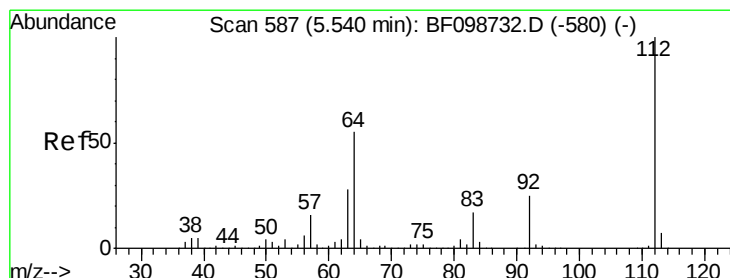
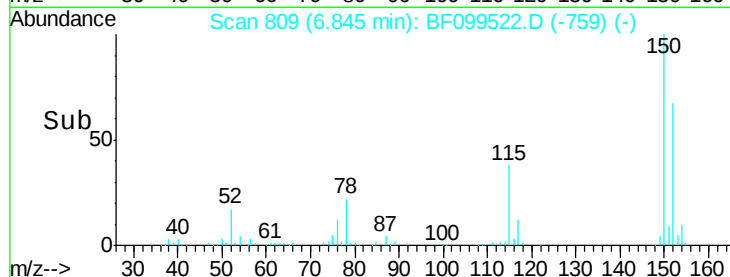
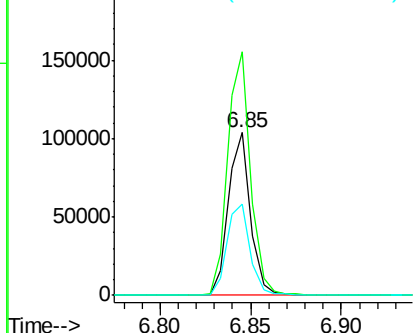
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099522.D
Acq: 15 Oct 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88079
Ion Ratio Lower Upper
152 100
150 149.5 124.6 186.8
115 56.3 50.1 75.1



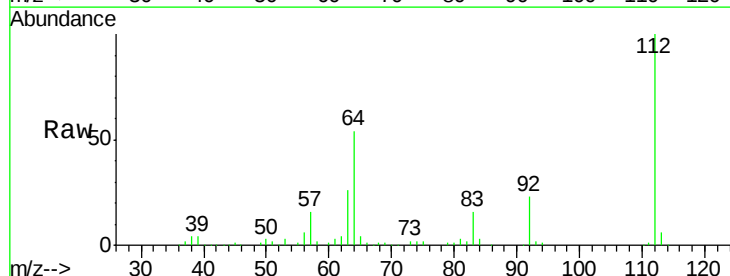
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



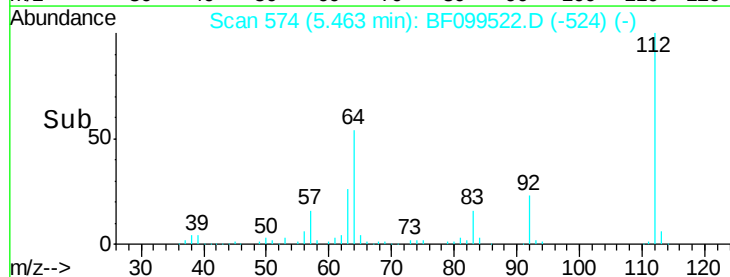
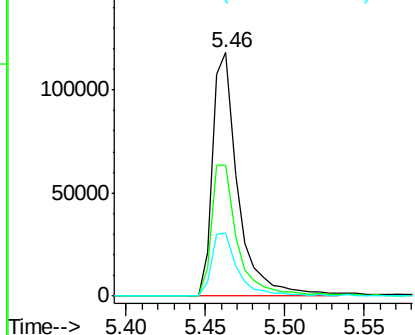
#5

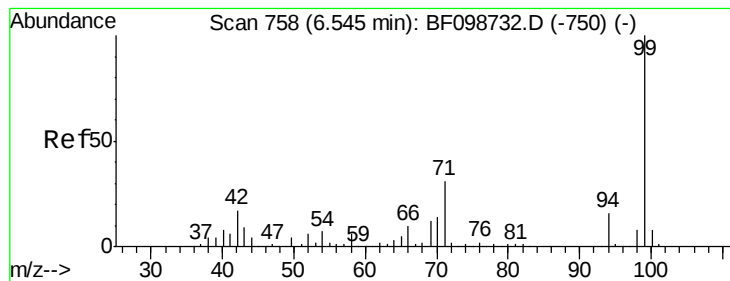
2-Fluorophenol
Concen: 24.01 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099522.D
Acq: 15 Oct 2017 19:14

Tgt Ion:112 Resp: 132819
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 25.9 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: 23.17 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099522.D

Acq: 15 Oct 2017 19:14

Instrument :

BNA_F

ClientSampleId :

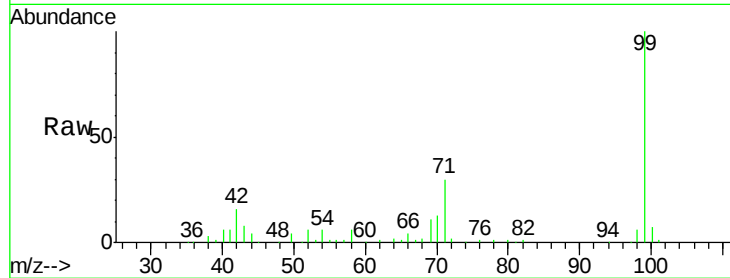
Tot Ion: 99 Resp: 158144

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

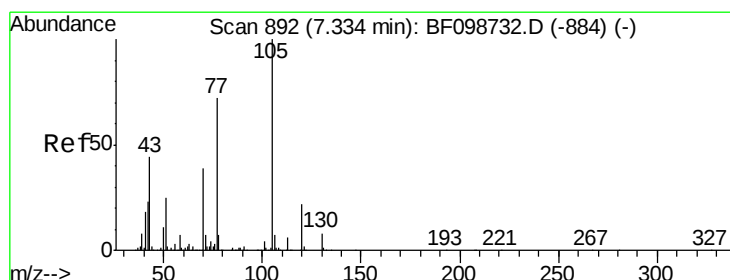
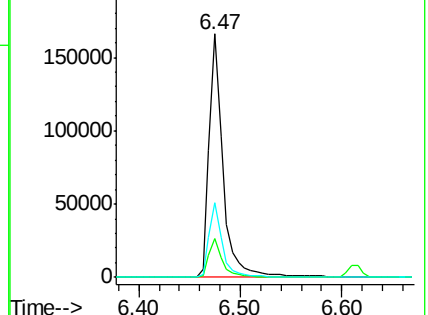
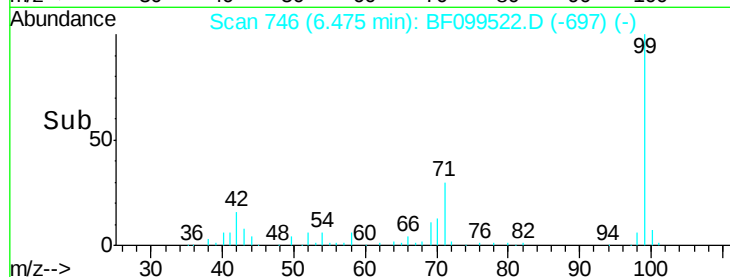
71 30.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.29 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF099522.D

Acq: 15 Oct 2017 19:14

Tgt Ion: 70 Resp: 9960

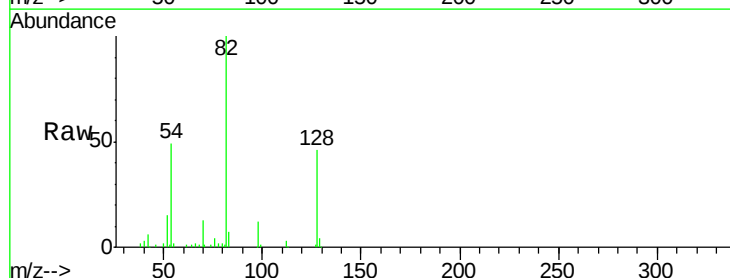
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

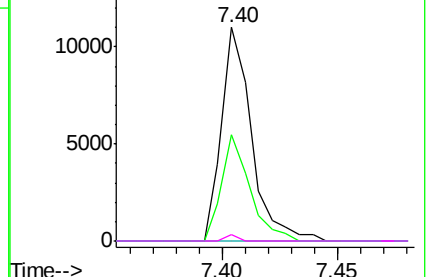
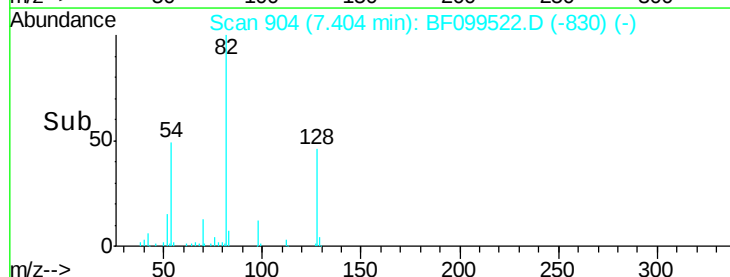


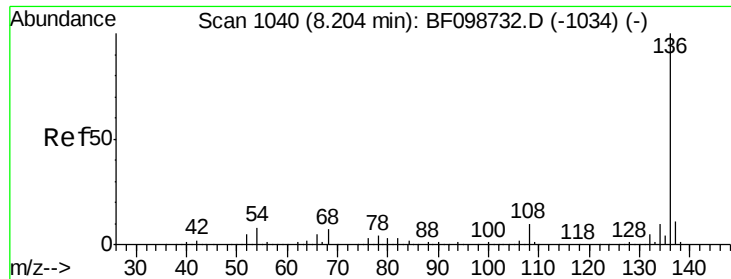
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

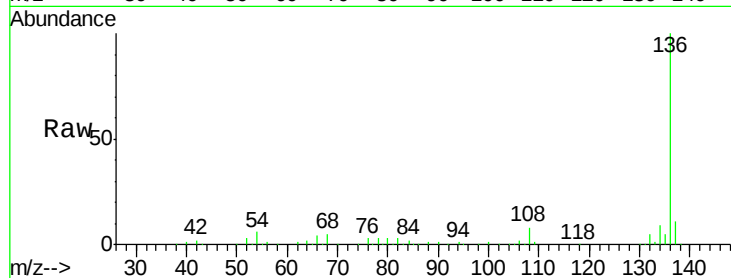




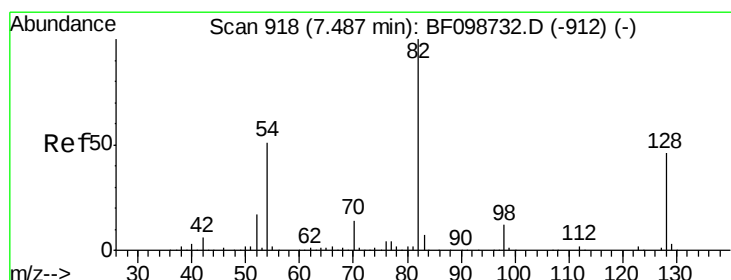
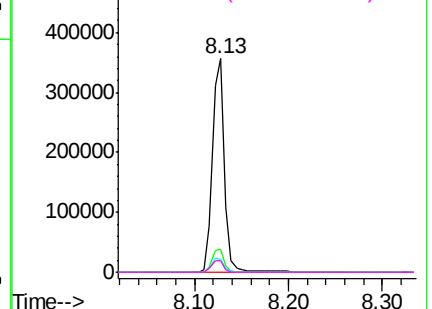
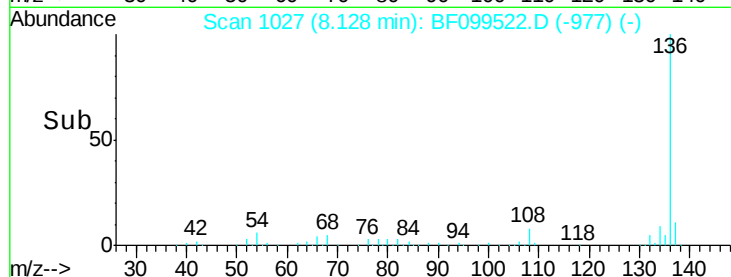
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099522.D
Acq: 15 Oct 2017 19:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	321669
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.2	6.6 9.8#
68	5.2	5.0 7.4

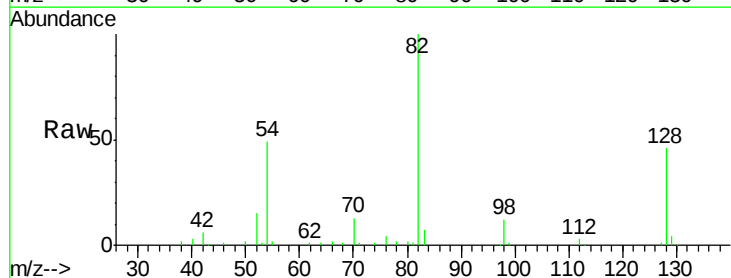


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

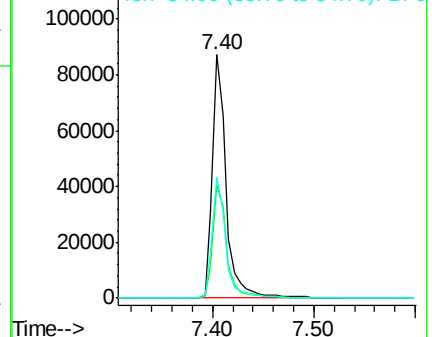
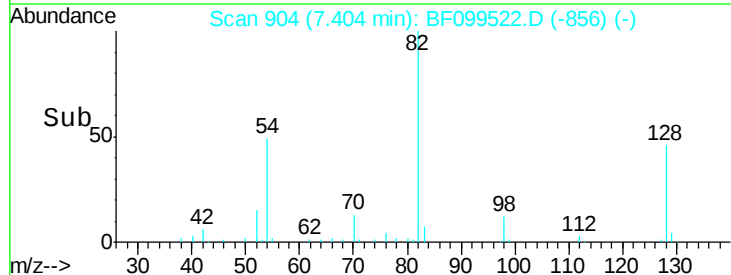


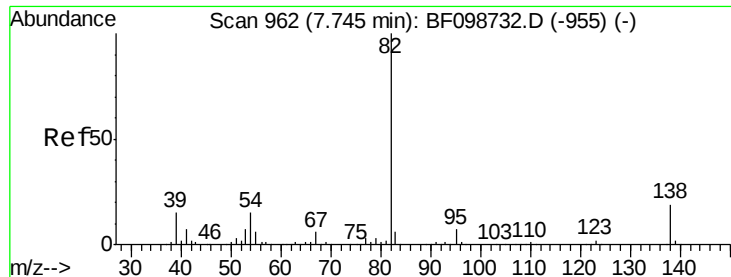
#23
Nitrobenzene-d5
Concen: 16.49 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF099522.D
Acq: 15 Oct 2017 19:14

Tgt Ion: 82	Resp:	82706
Ion Ratio	Lower	Upper
82	100	
128	46.3	36.1 54.1
54	49.5	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: 7.98 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF099522.D

Acq: 15 Oct 2017 19:14

Instrument :

BNA_F

ClientSampled :

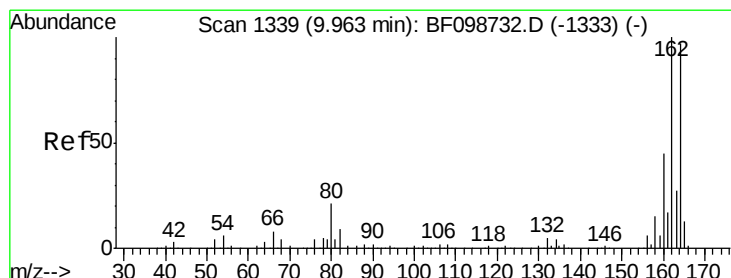
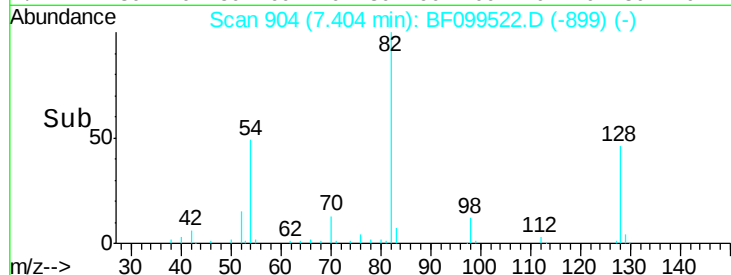
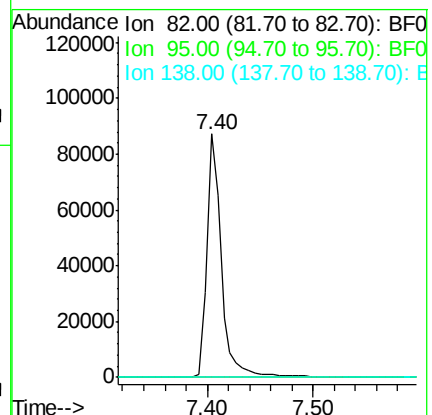
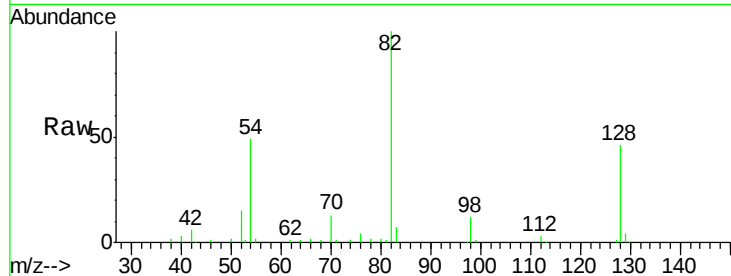
Tot Ion: 82 Resp: 82706

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099522.D

Acq: 15 Oct 2017 19:14

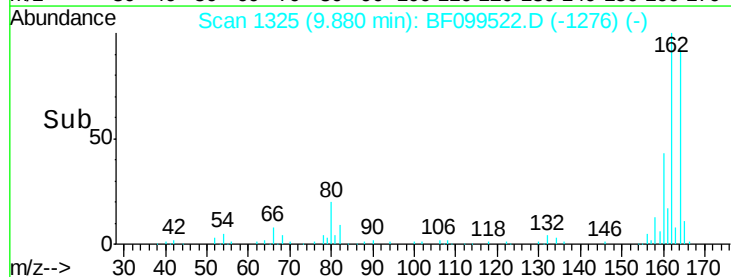
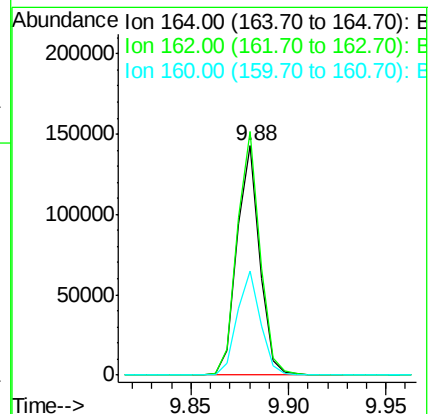
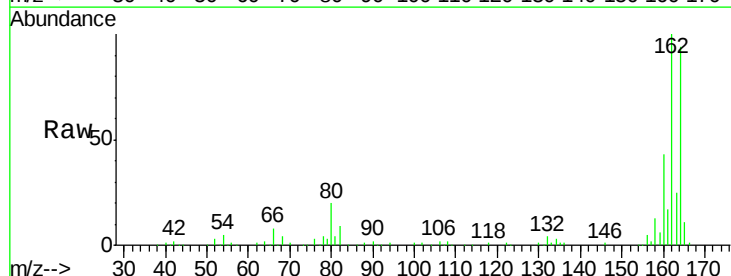
Tgt Ion: 164 Resp: 114902

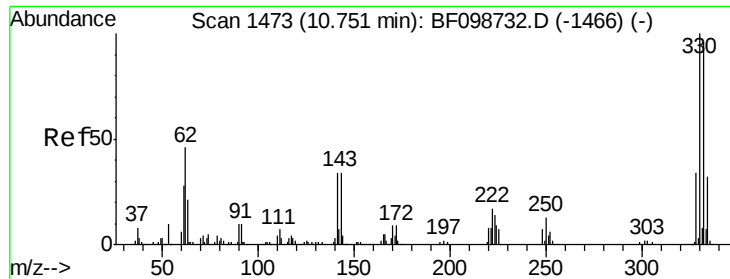
Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

160 45.6 38.3 57.5

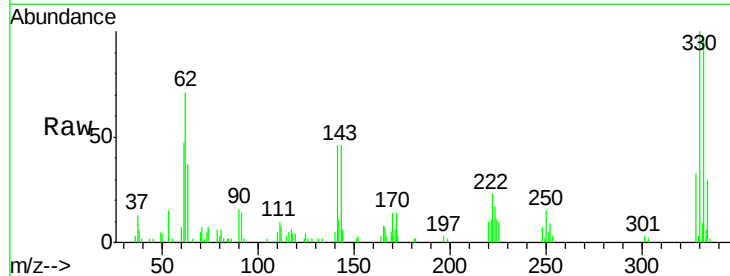




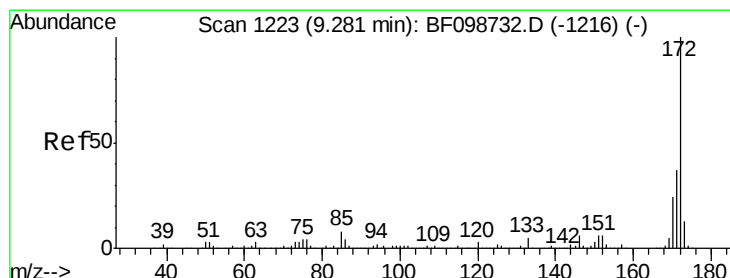
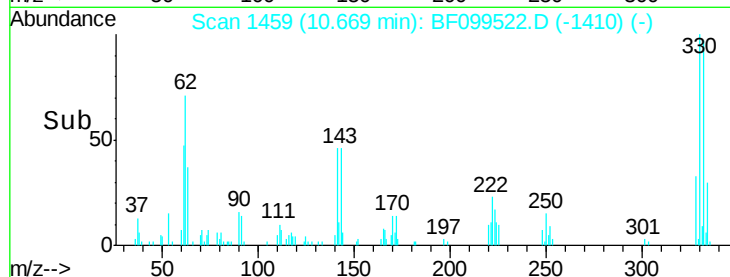
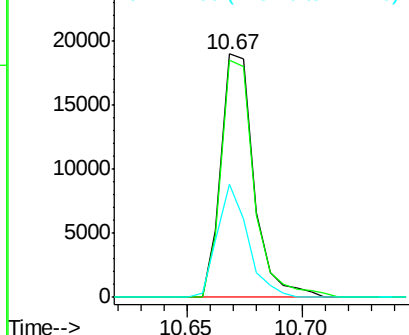
#41
 2,4,6-Tribromophenol
 Concen: 20.04 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF099522.D
 Acq: 15 Oct 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 18841
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 43.0 29.9 44.9

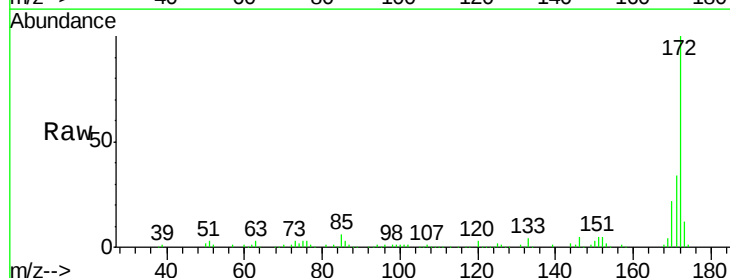


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

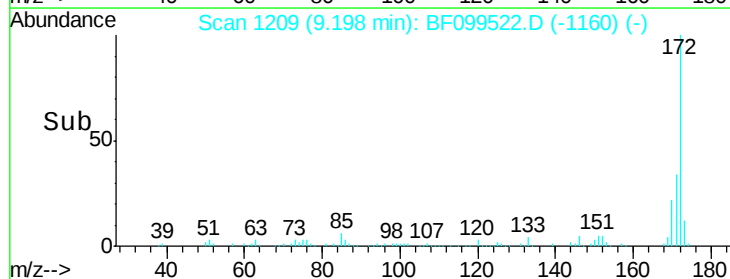
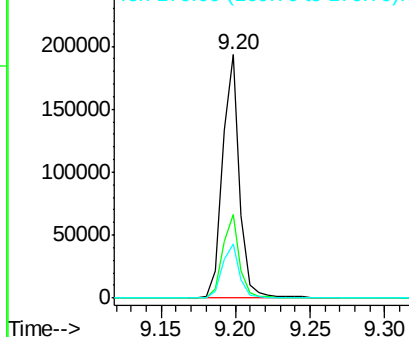


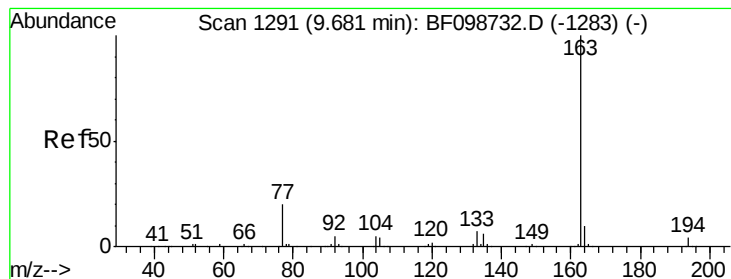
#44
 2-Fluorobiphenyl
 Concen: 22.52 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099522.D
 Acq: 15 Oct 2017 19:14

Tgt Ion:172 Resp: 154977
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 22.2 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: 2.53 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099522.D

Acq: 15 Oct 2017 19:14

Instrument :

BNA_F

ClientSampleId :

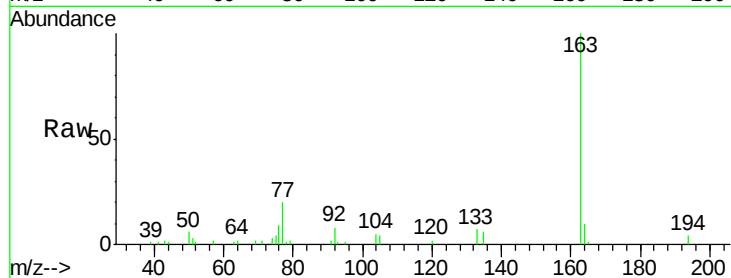
Tot Ion:163 Resp: 21911

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

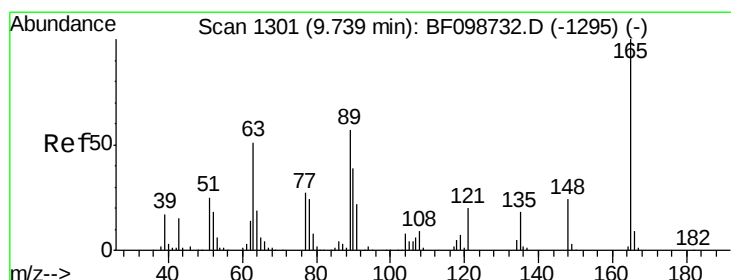
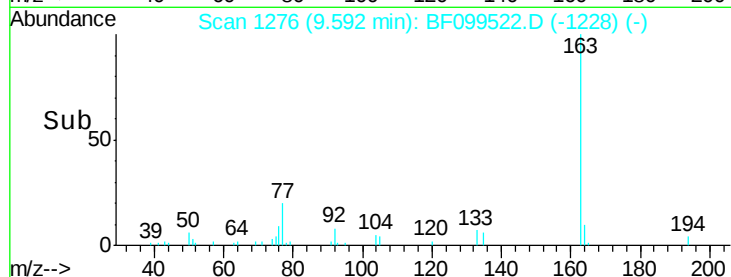
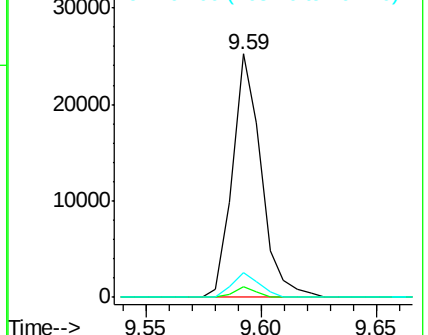
164 10.1 8.2 12.2



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: 7.48 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.20 min

Lab File: BF099522.D

Acq: 15 Oct 2017 19:14

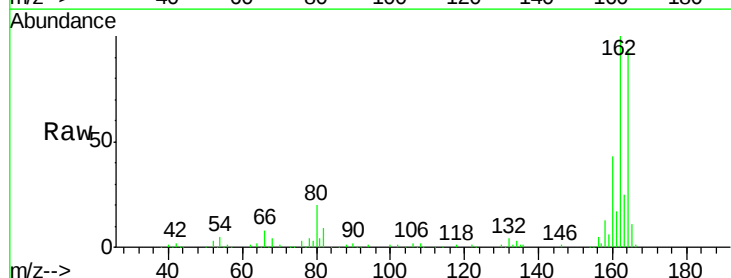
Tgt Ion:165 Resp: 14124

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

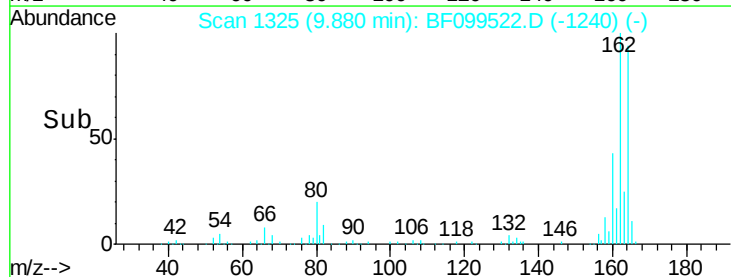
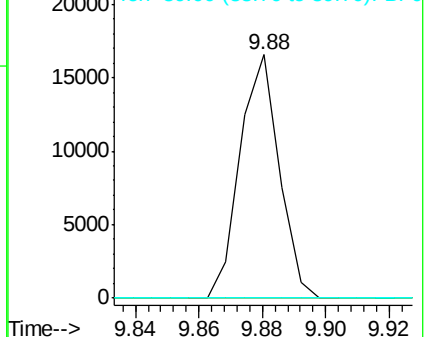
89 0.0 44.0 66.0#

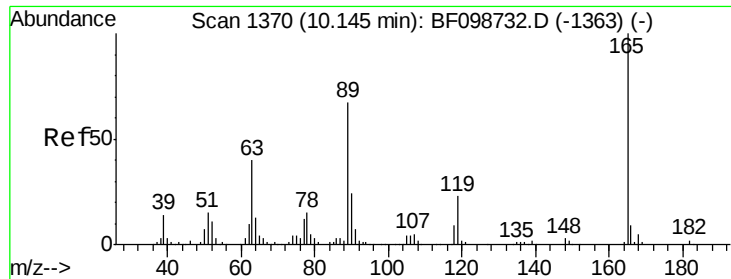


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

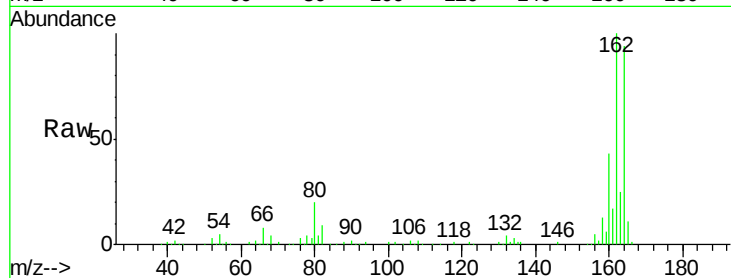




#56
 2,4-Dinitrotoluene
 Concen: 5.76 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099522.D
 Acq: 15 Oct 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	14124
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

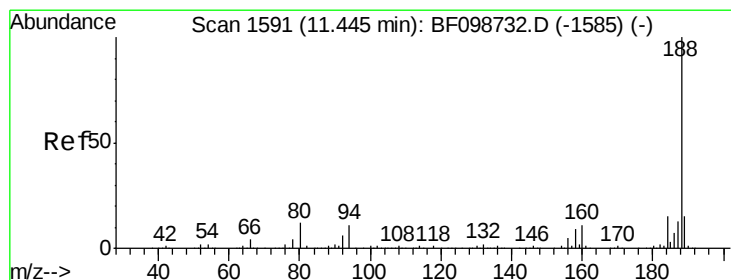
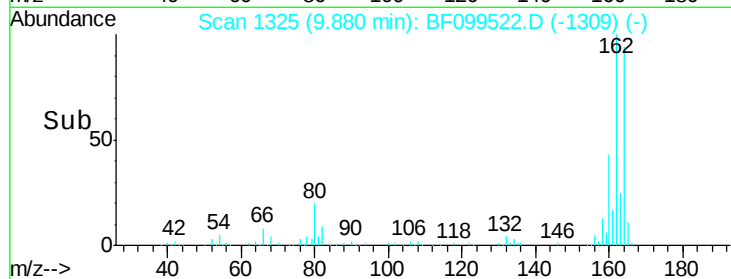
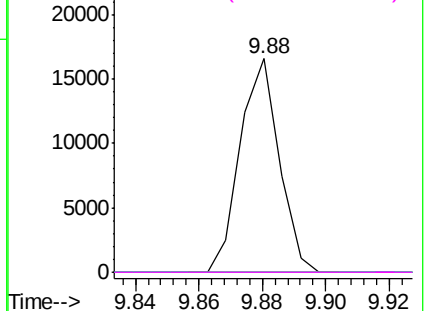


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

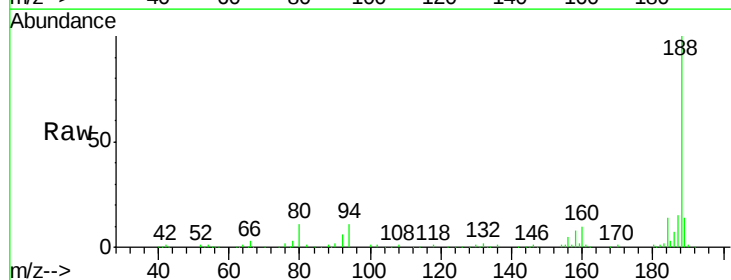
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099522.D
 Acq: 15 Oct 2017 19:14

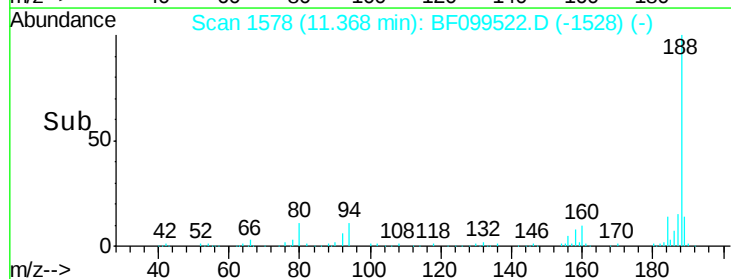
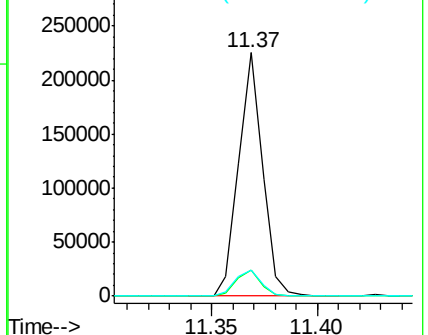
Tgt Ion:188	Resp:	176486
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.5 12.7
80	10.7	9.2 13.8

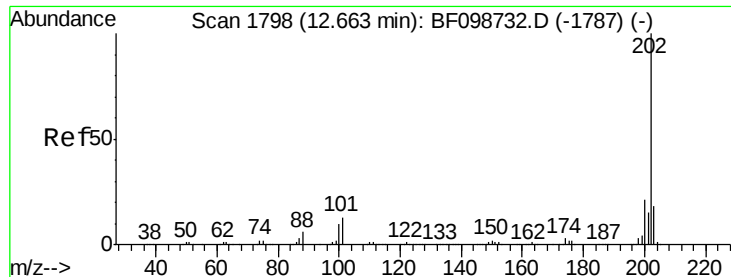


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

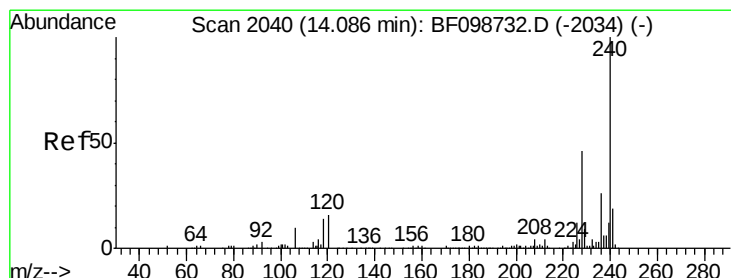
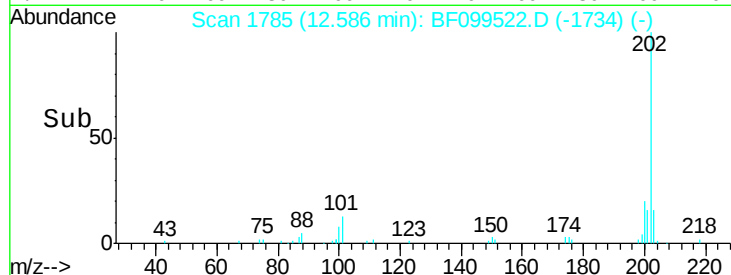
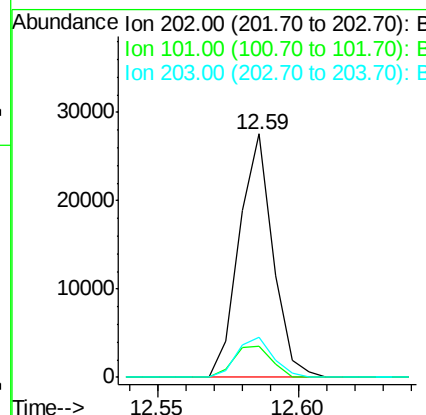
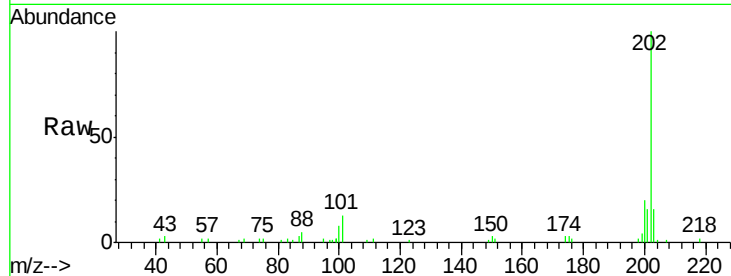




#74
Fluoranthene
Concen: 2.38 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF099522.D
Acq: 15 Oct 2017 19:14

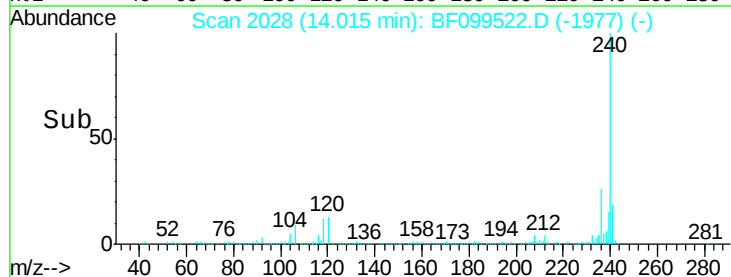
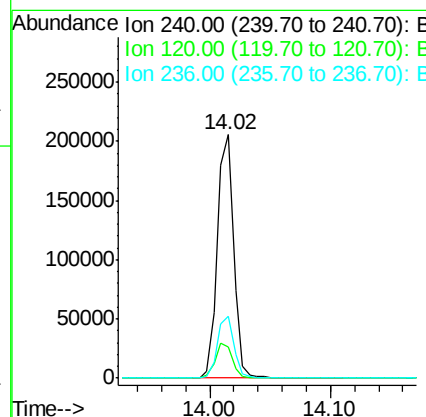
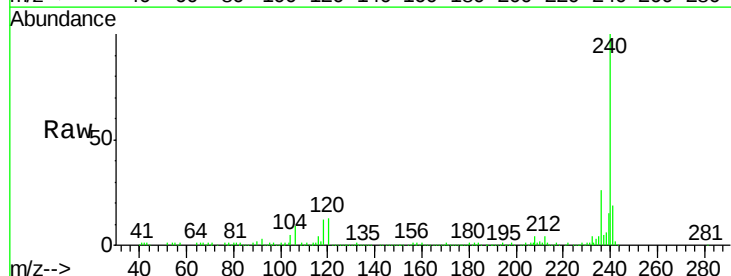
Instrument :
BNA_F
ClientSampleId :

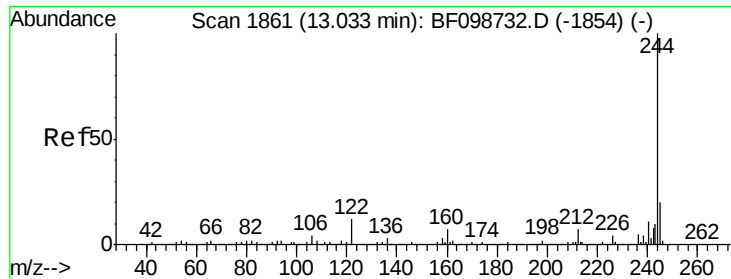
Tot Ion:202 Resp: 22798
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 16.4 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099522.D
Acq: 15 Oct 2017 19:14

Tgt Ion:240 Resp: 190619
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.6 20.7 31.1

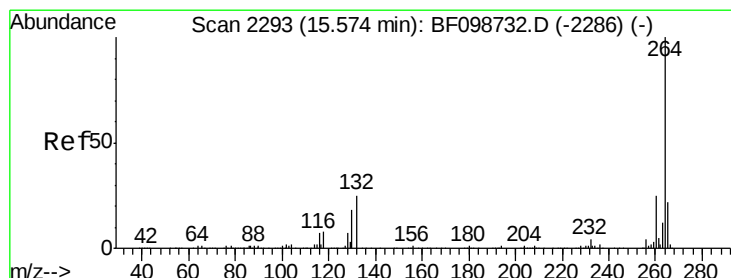
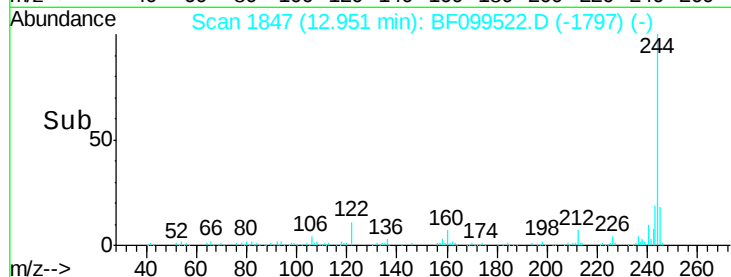
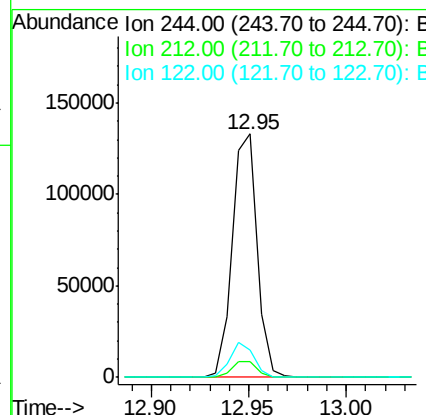
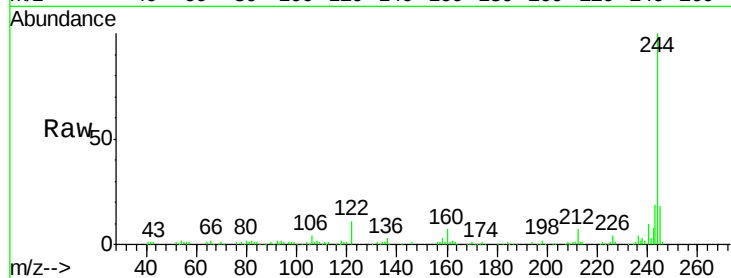




#78
 Terphenyl-d14
 Concen: 14.01 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099522.D
 Acq: 15 Oct 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 117469
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099522.D
 Acq: 15 Oct 2017 19:14

Tgt Ion:264 Resp: 173327
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 17.5 26.3

