

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098658.D
 Acq On : 20 Sep 2017 14:21
 Operator : SJ/JU
 Sample : I5276-06 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:18:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

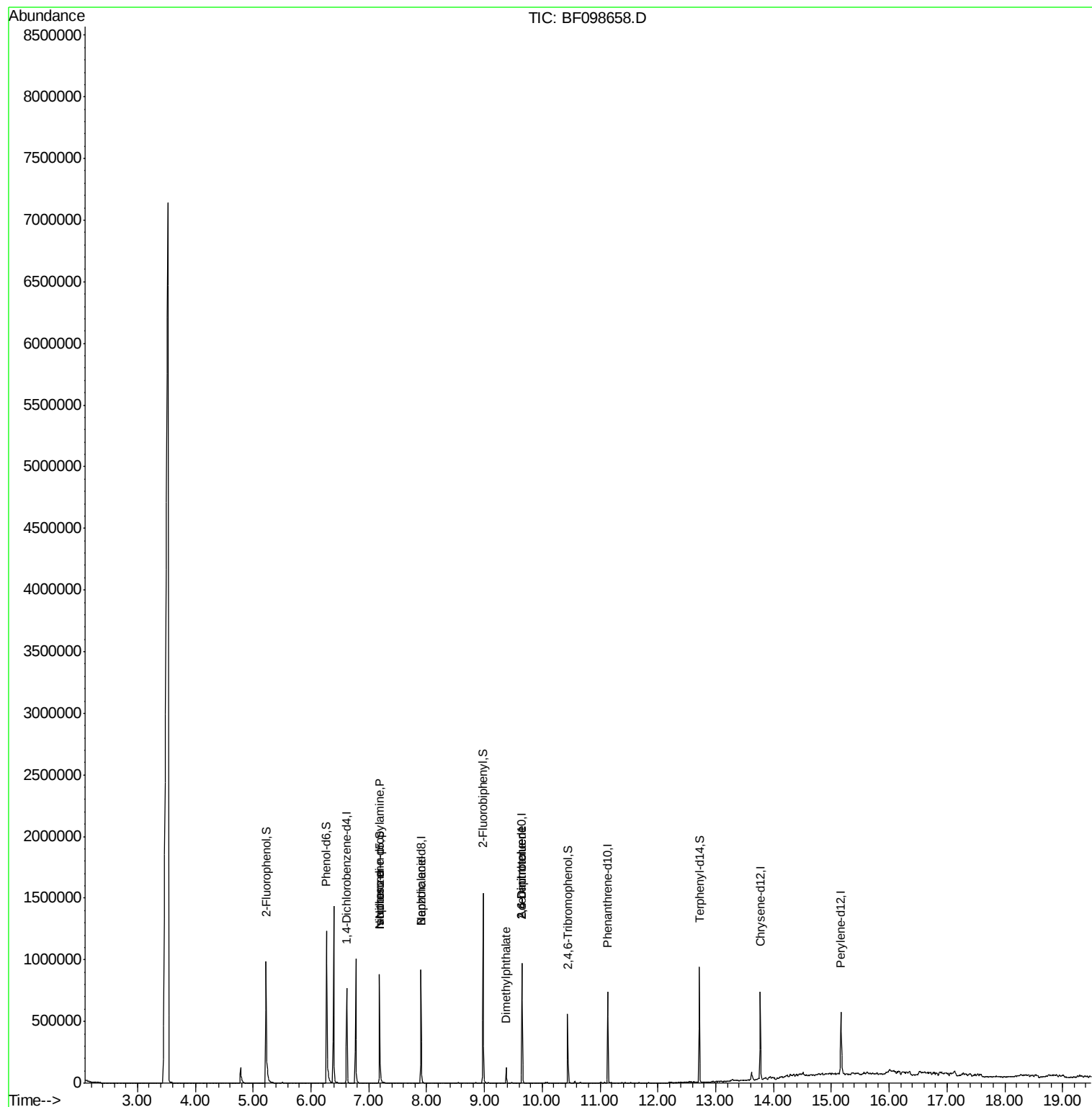
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	110273	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	393468	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	174486	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	246117	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	236648	20.00	ng	-0.02
86) Perylene-d12	15.17	264	201066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	310523	41.63	ng	-0.02
7) Phenol-d6	6.27	99	443447	46.83	ng	-0.02
23) Nitrobenzene-d5	7.19	82	268872	38.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	56763	48.74	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	473385	45.98	ng	-0.02
78) Terphenyl-d14	12.72	244	276233	25.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	35880	6.02	ng	# 79
25) Isophorone	7.19	82	268869	18.83	ng	# 67
32) Benzoic acid	7.90	122	109	7.99	ng	# 1
49) Dimethylphthalate	9.38	163	48525	3.59	ng	98
50) 2,6-Dinitrotoluene	9.65	165	23081	8.32	ng	# 32
56) 2,4-Dinitrotoluene	9.65	165	23081	6.84	ng	# 32

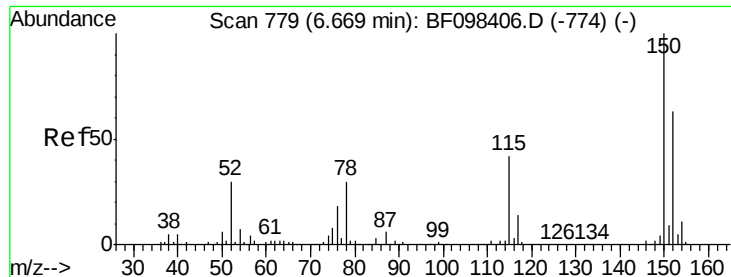
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Sep 21 05:18:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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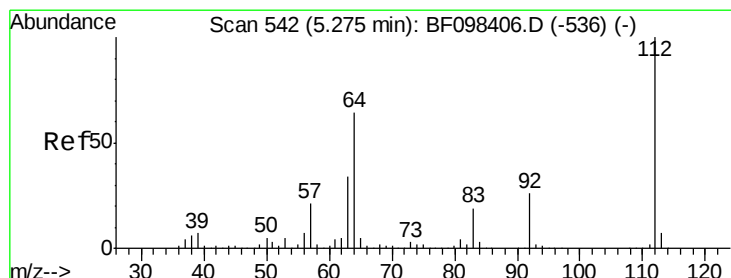
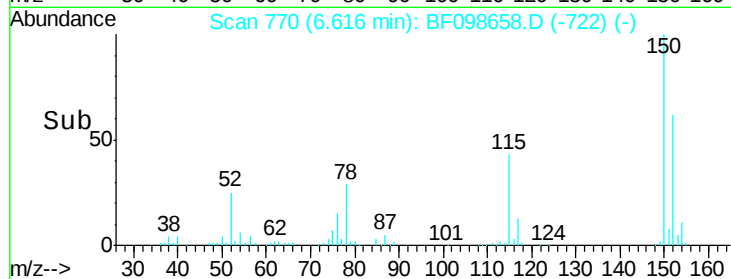
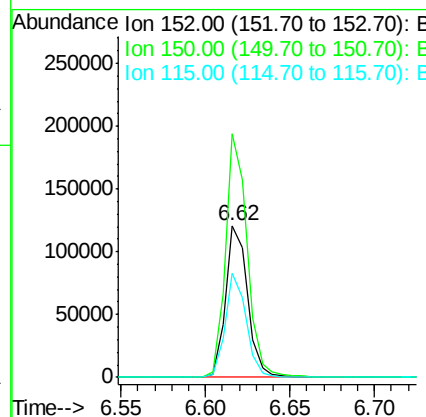
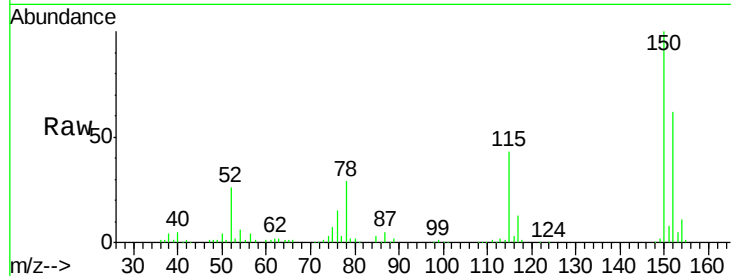




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF098658.D
 Acq: 20 Sep 2017 14:21

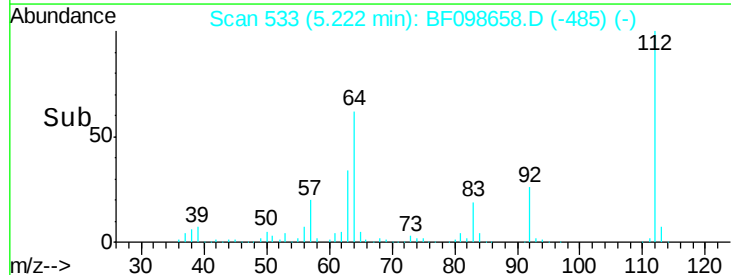
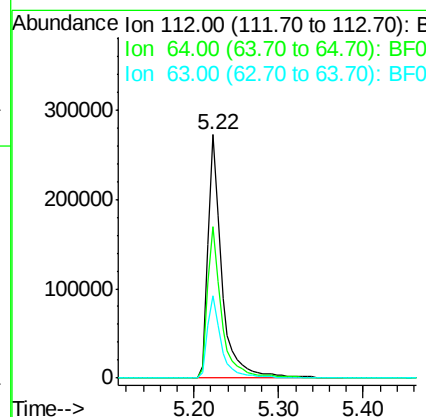
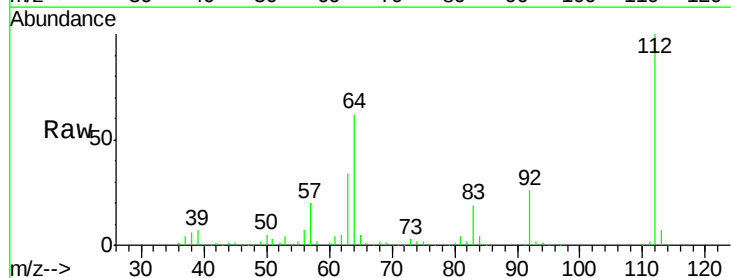
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 110273
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.2 189.2
 115 68.3 52.2 78.2



#5
 2-Fluorophenol
 Concen: 41.63 ng
 RT: 5.22 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF098658.D
 Acq: 20 Sep 2017 14:21

Tgt Ion:112 Resp: 310523
 Ion Ratio Lower Upper
 112 100
 64 62.5 46.0 69.0
 63 34.0 23.4 35.0





#7

Phenol-d6

Concen: 46.83 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

Instrument :

BNA_F

ClientSampleId :

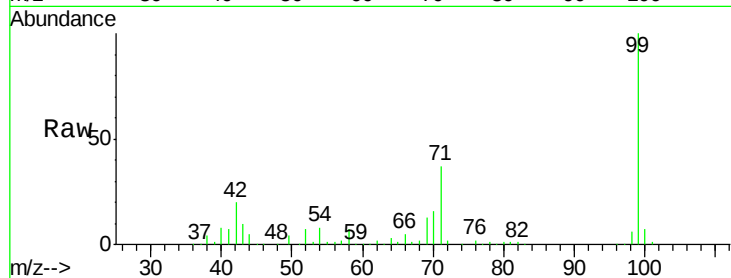
Tot Ion: 99 Resp: 443447

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

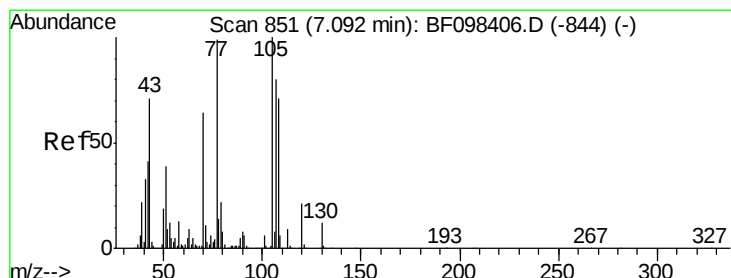
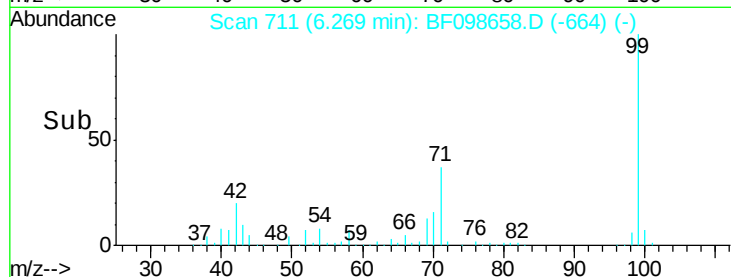
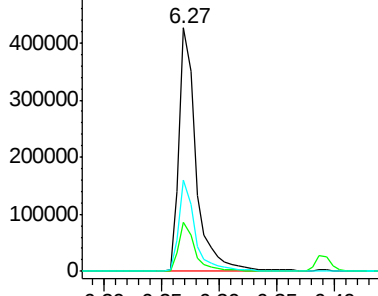
71 37.3 24.5 36.7#



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: 6.02 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.13 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

Tgt Ion: 70 Resp: 35880

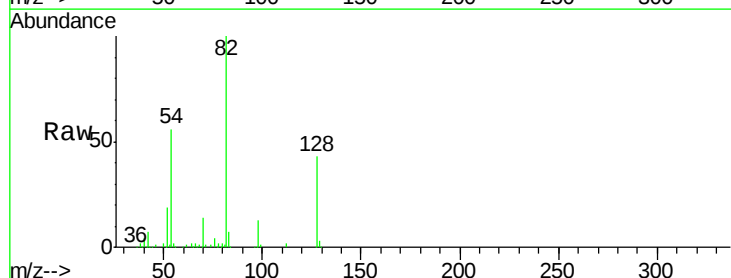
Ion Ratio Lower Upper

70 100

42 47.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

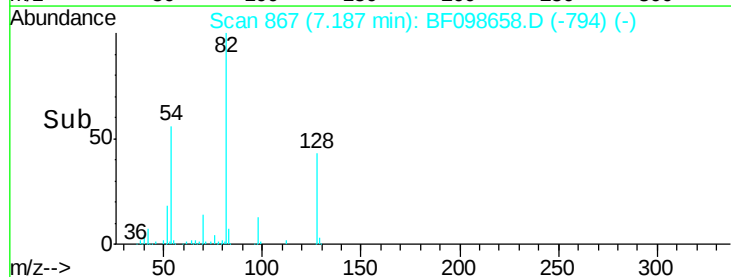
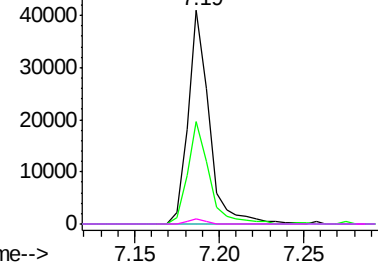


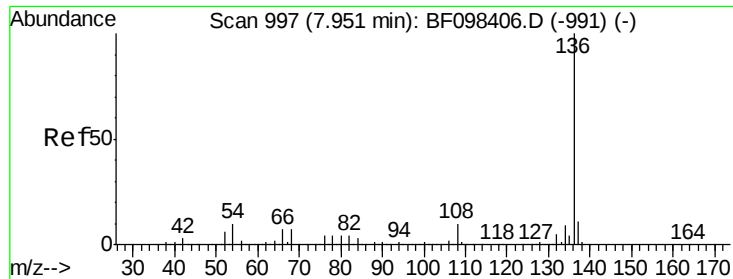
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

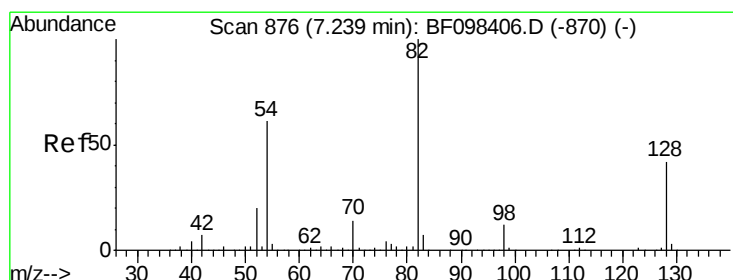
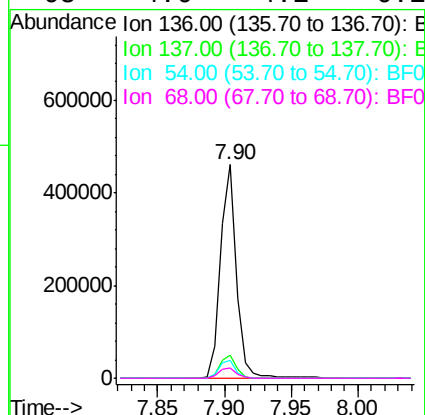
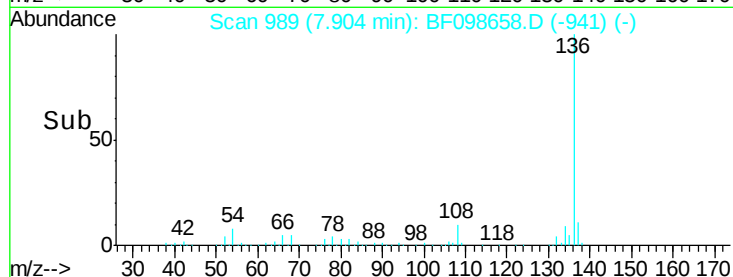
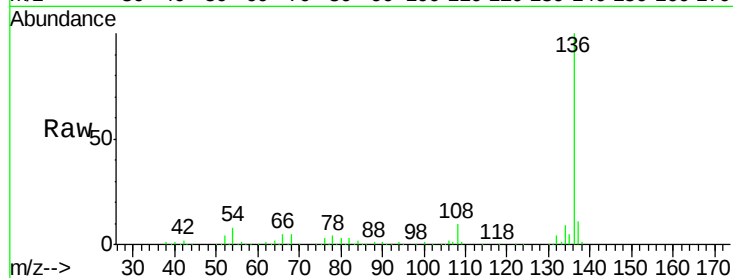




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098658.D
Acq: 20 Sep 2017 14:21

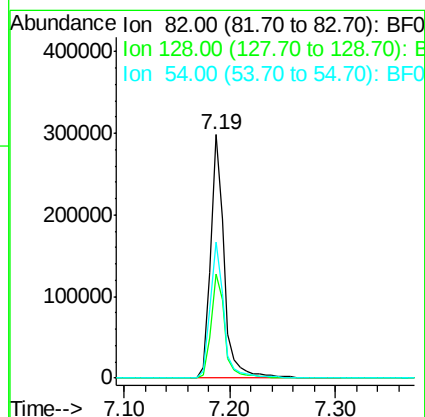
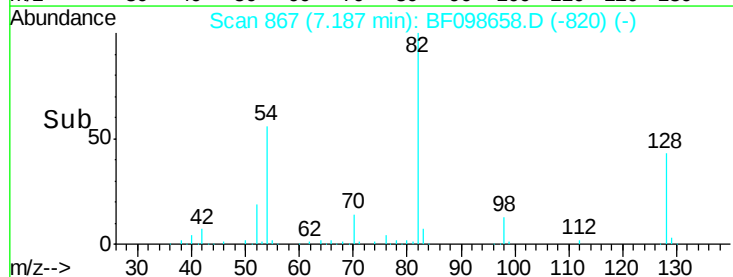
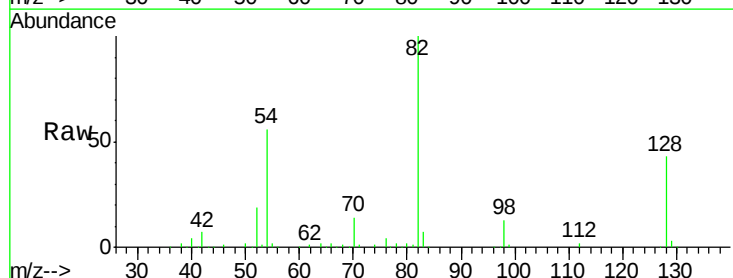
Instrument :
BNA_F
ClientSampleId :

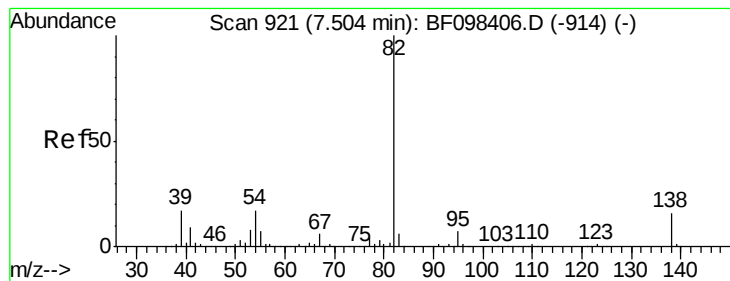
Tot Ion:136	Resp:	393468
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	8.5	4.9 7.3#
68	4.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 38.10 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF098658.D
Acq: 20 Sep 2017 14:21

Tgt Ion: 82	Resp:	268872
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.0 51.0
54	56.1	42.2 63.2





#25

Isophorone

Concen: 18.83 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.28 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

Instrument :

BNA_F

ClientSampleId :

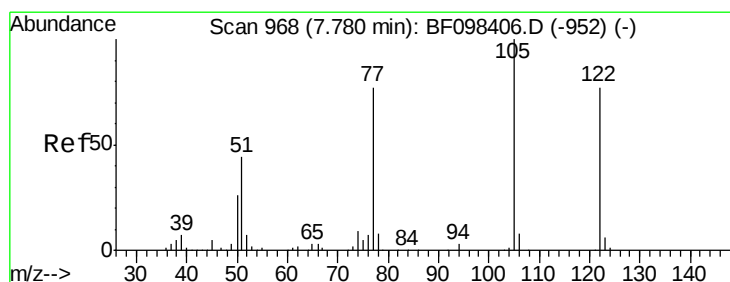
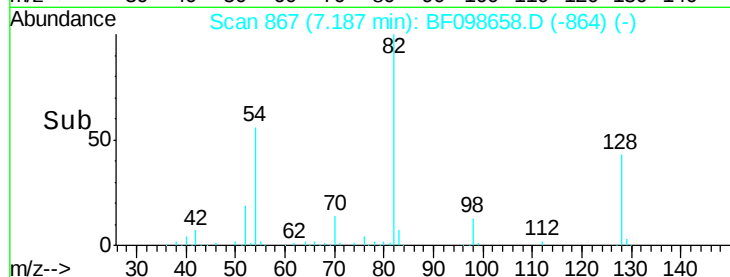
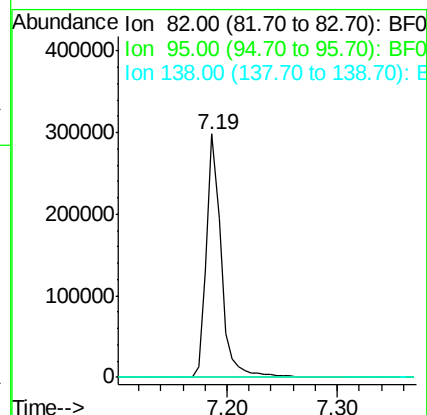
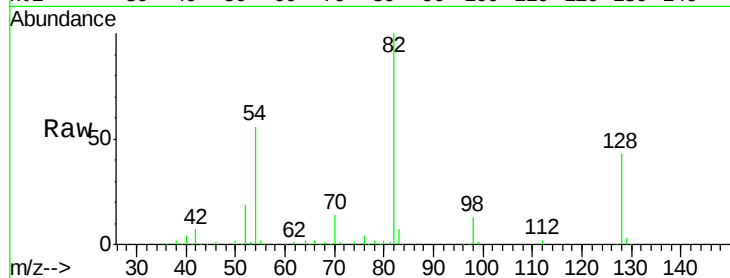
Tot Ion: 82 Resp: 268869

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 7.99 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.15 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

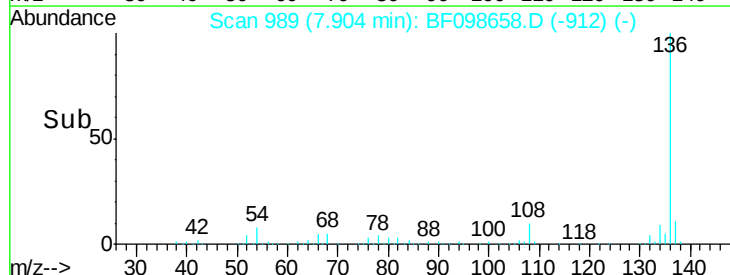
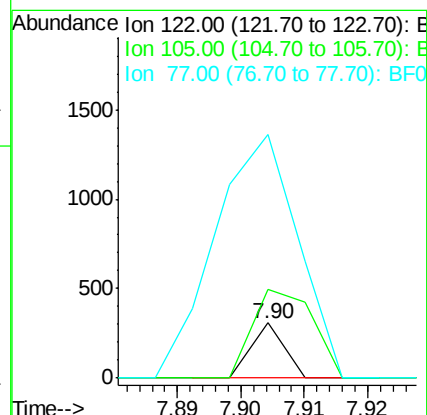
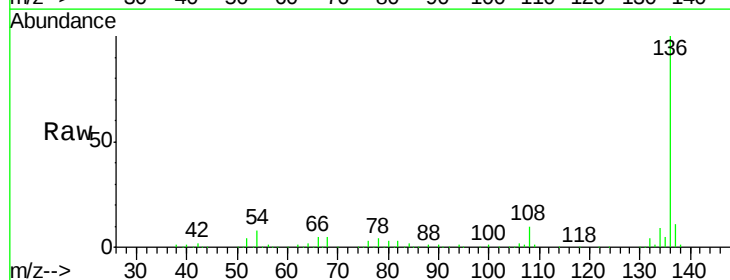
Tgt Ion: 122 Resp: 109

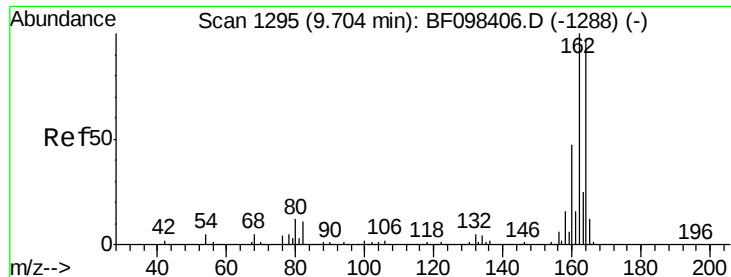
Ion Ratio Lower Upper

122 100

105 160.7 103.3 143.3#

77 441.9 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

Instrument :

BNA_F

ClientSampleId :

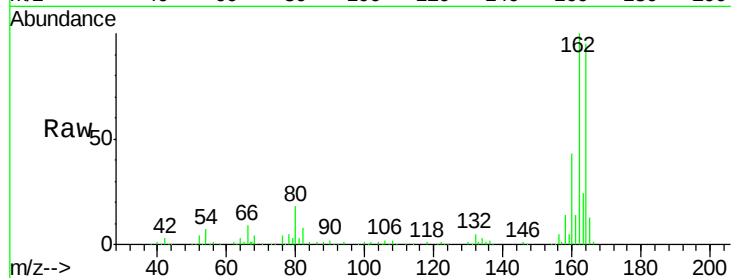
Tot Ion:164 Resp: 174486

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

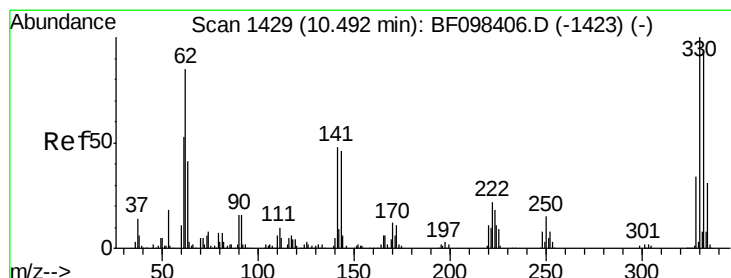
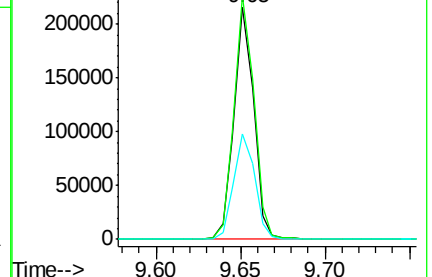
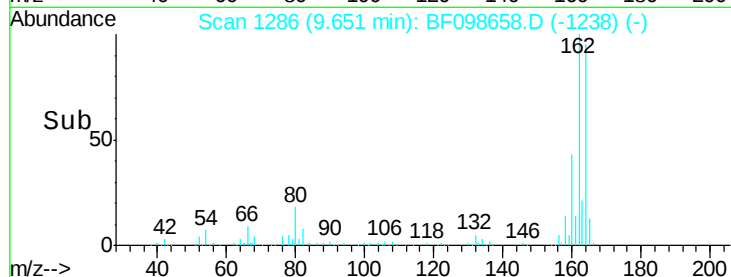
160 45.6 36.2 54.2



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: 48.74 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

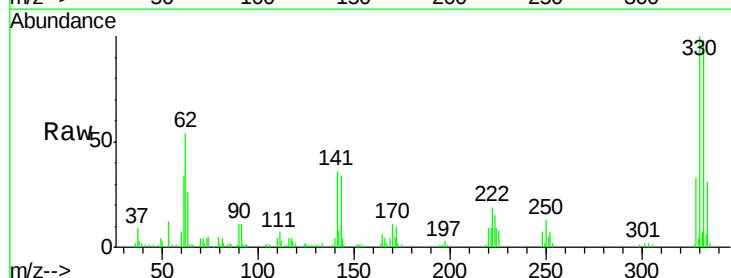
Tgt Ion:330 Resp: 56763

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

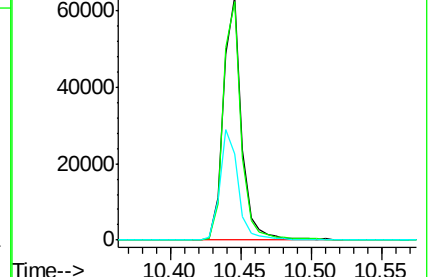
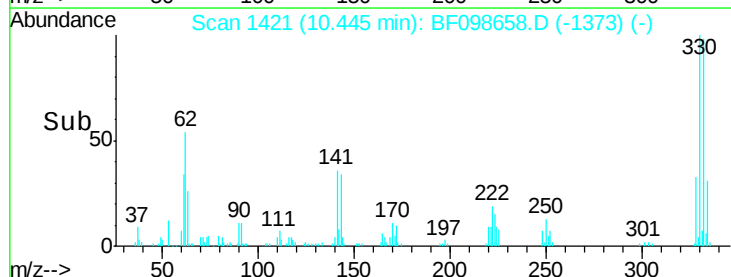
141 45.5 31.4 47.2

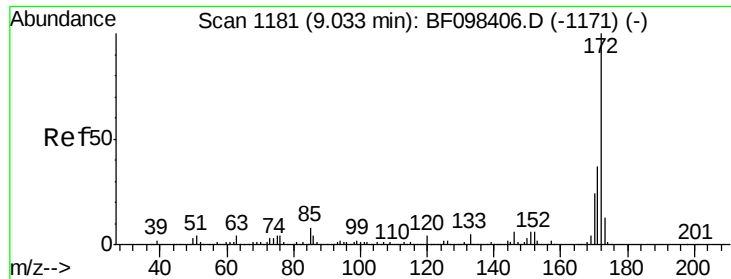


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

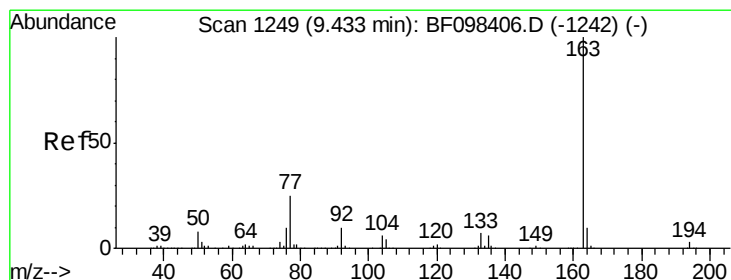
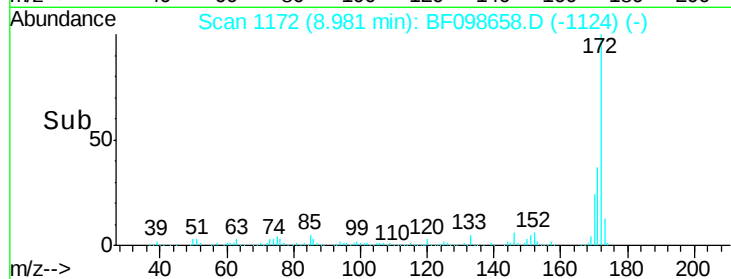
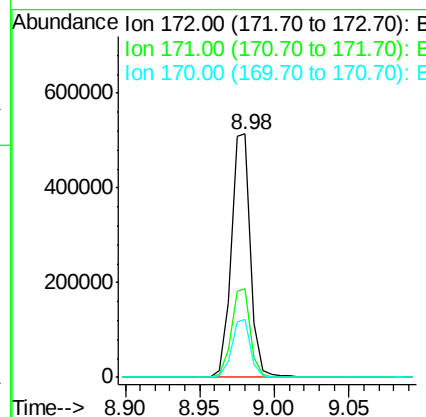
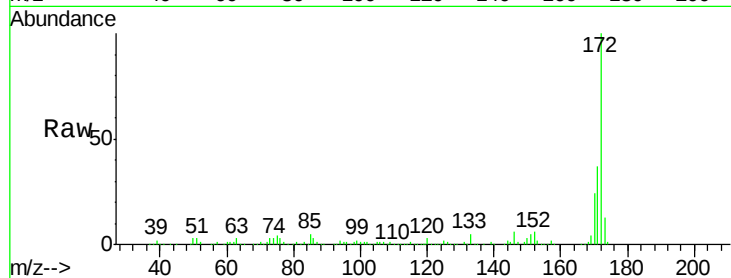




#44
2-Fluorobiphenyl
Concen: 45.98 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF098658.D
Acq: 20 Sep 2017 14:21

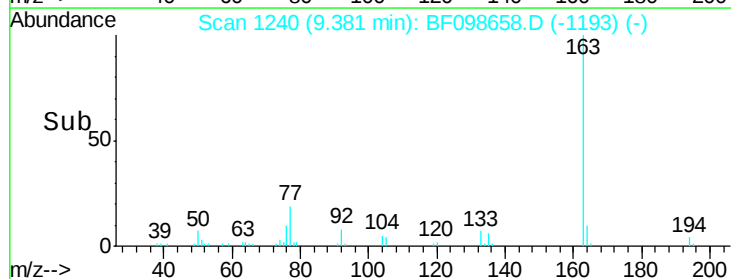
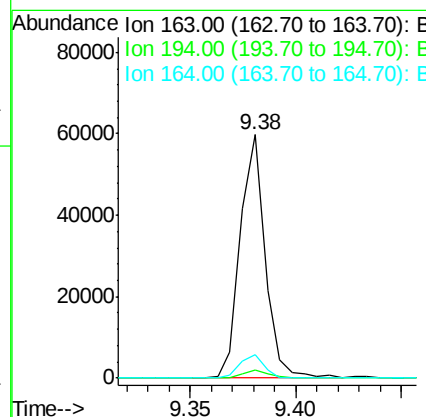
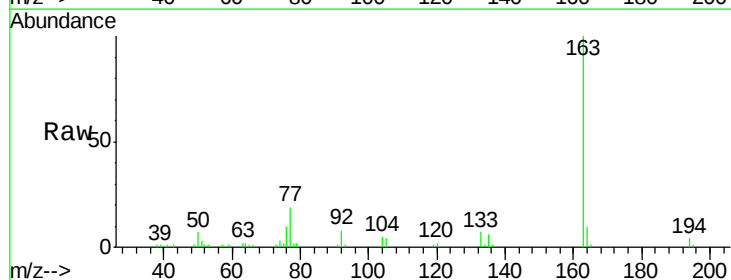
Instrument :
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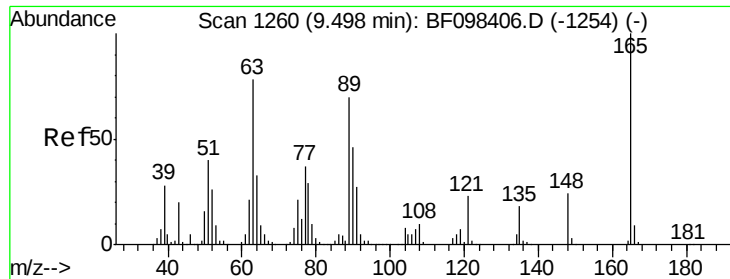
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



#49
Dimethylphthalate
Concen: 3.59 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098658.D
Acq: 20 Sep 2017 14:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

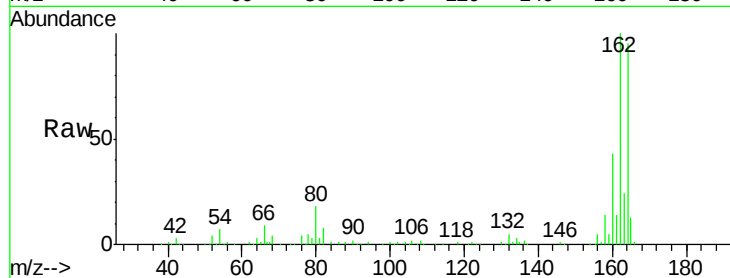




#50
 2,6-Dinitrotoluene
 Concen: 8.32 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.18 min
 Lab File: BF098658.D
 Acq: 20 Sep 2017 14:21

Instrument :
 BNA_F
 ClientSampleId :

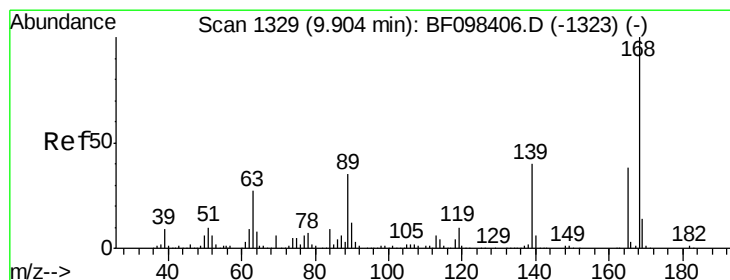
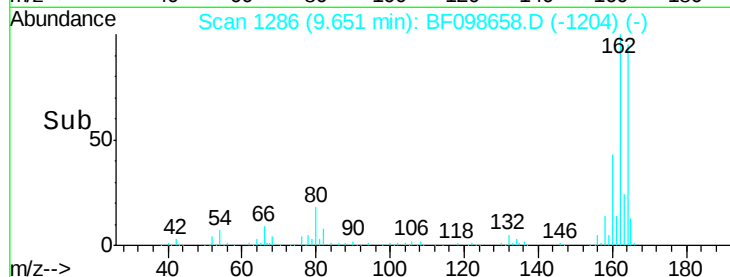
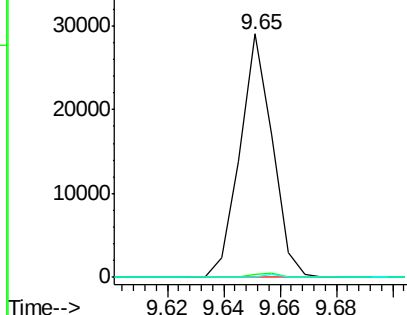
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

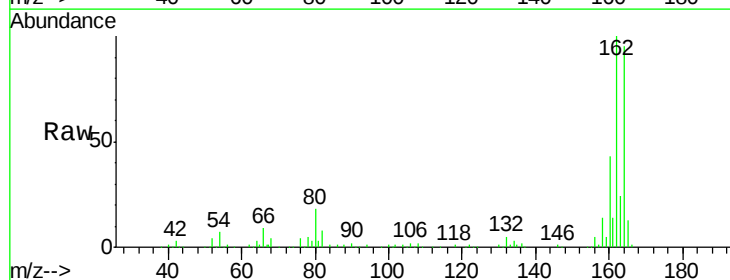
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.23 min
 Lab File: BF098658.D
 Acq: 20 Sep 2017 14:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

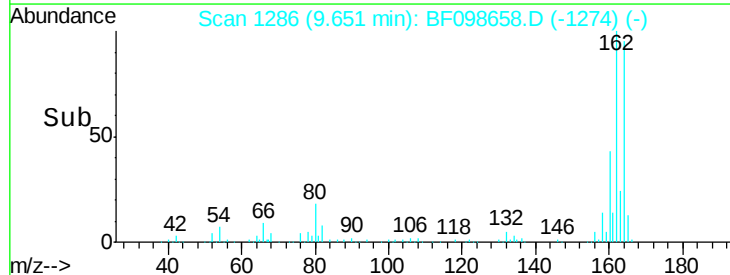
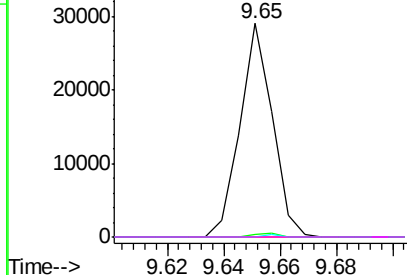


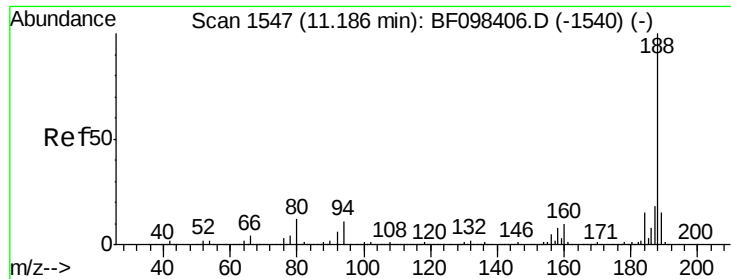
Abundance Ion 165.00 (164.70 to 165.70): E

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

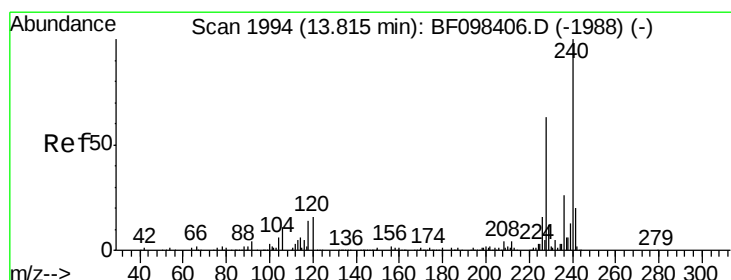
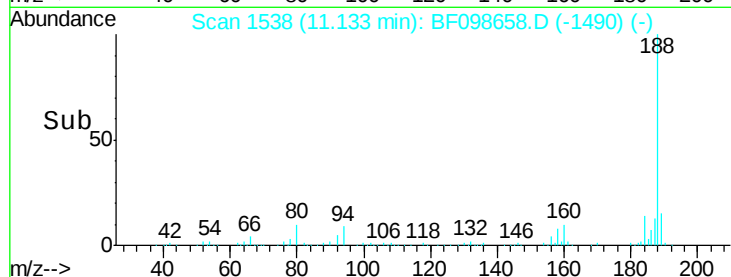
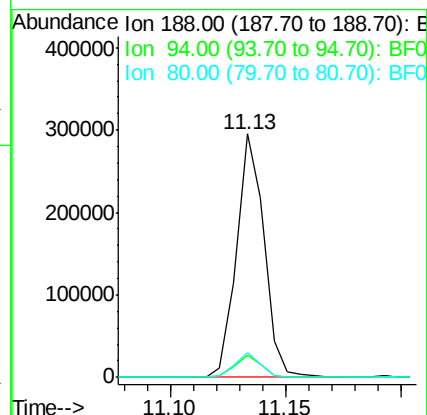
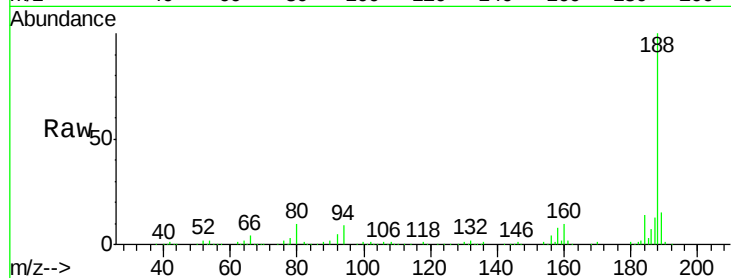




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BF098658.D
Acq: 20 Sep 2017 14:21

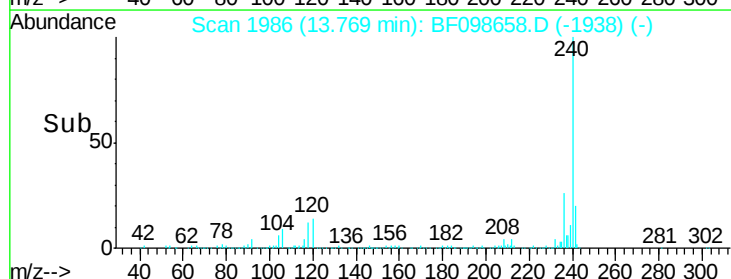
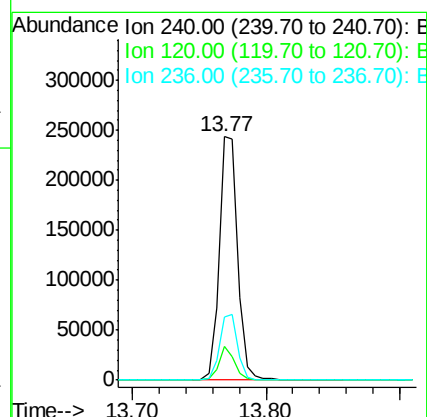
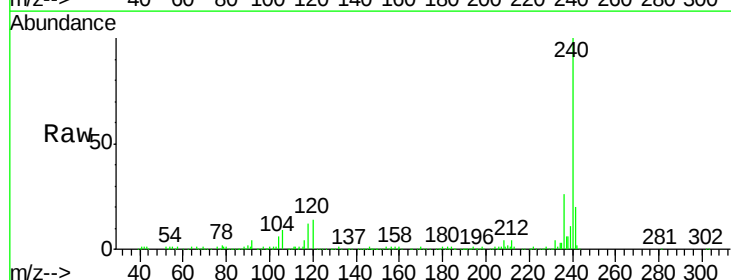
Instrument :
BNA_F
ClientSampleId :

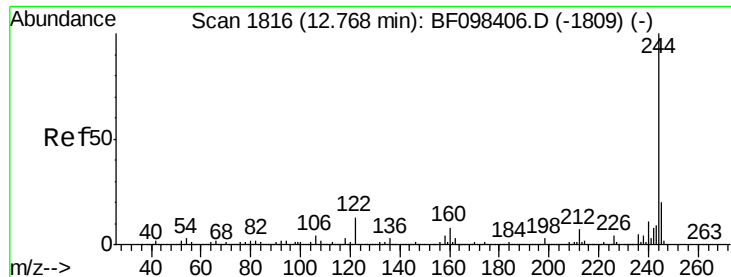
Tot Ion:188 Resp: 246117
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.2#
80 10.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BF098658.D
Acq: 20 Sep 2017 14:21

Tgt Ion:240 Resp: 236648
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.8 20.5 30.7





#78

Terphenyl-d14

Concen: 25.20 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

Instrument :

BNA_F

ClientSampleId :

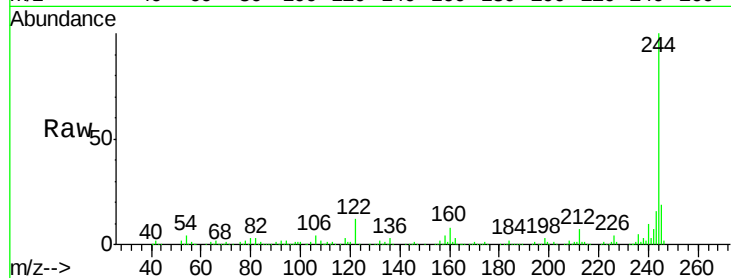
Tot Ion:244 Resp: 276233

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

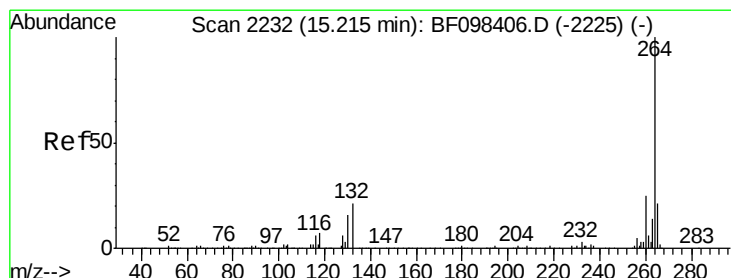
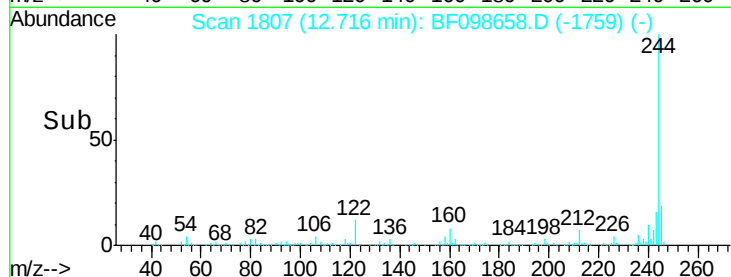
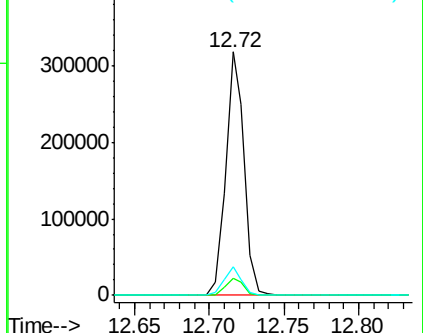
122 11.7 10.3 15.5



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: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF098658.D

Acq: 20 Sep 2017 14:21

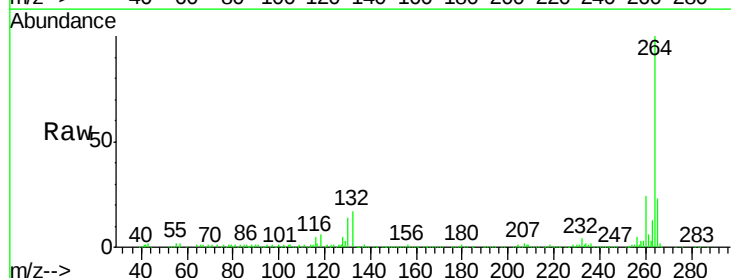
Tgt Ion:264 Resp: 201066

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.9 17.2 25.8



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

