

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098669.D
 Acq On : 20 Sep 2017 19:28
 Operator : SJ/JU
 Sample : I5281-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:21:42 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

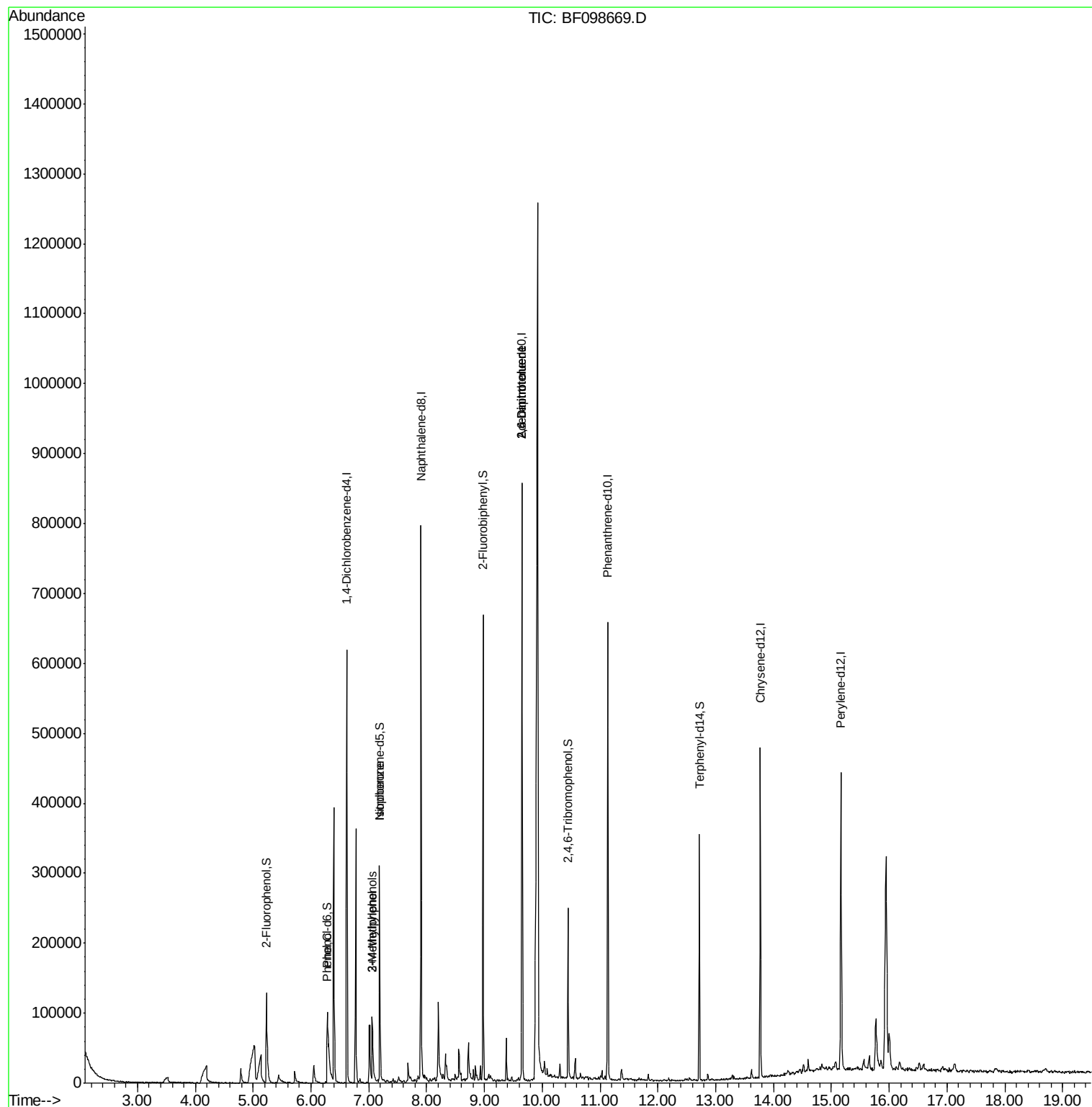
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	84951	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	353408	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	149946	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	223201	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	166979	20.00	ng	-0.01
86) Perylene-d12	15.17	264	176636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	51221	8.91	ng	-0.01
7) Phenol-d6	6.28	99	38368	5.26	ng	-0.01
23) Nitrobenzene-d5	7.19	82	97637	15.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	24233	24.21	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	185069	20.92	ng	-0.02
78) Terphenyl-d14	12.72	244	97848	12.65	ng	-0.02
Target Compounds						
10) Phenol	6.29	94	26330	3.11	ng	Qvalue 93
17) 2-Methylphenol	7.06	107	35659	6.92	ng	# 68
20) 3+4-Methylphenols	7.06	107	35791	5.51	ng	# 57
25) Isophorone	7.19	82	97649	7.61	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	19278	8.09	ng	# 34
56) 2,4-Dinitrotoluene	9.65	165	19278	6.65	ng	# 33

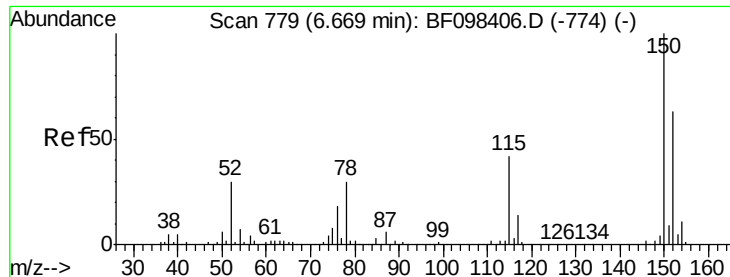
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 21 05:21:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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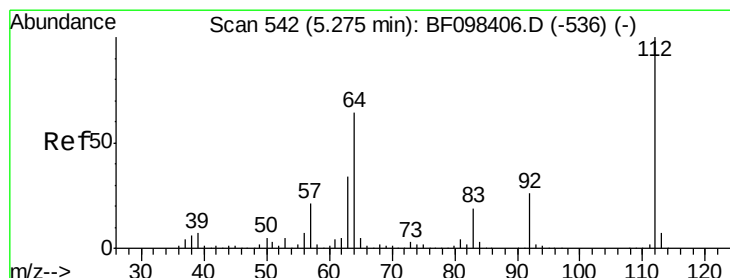
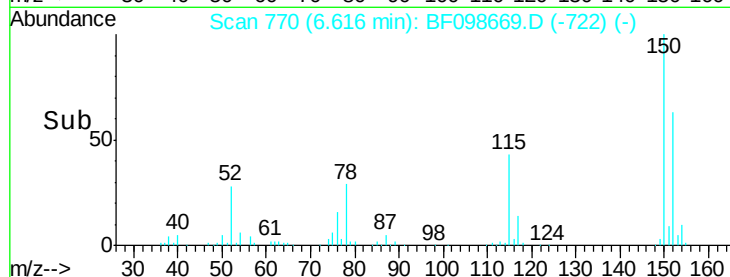
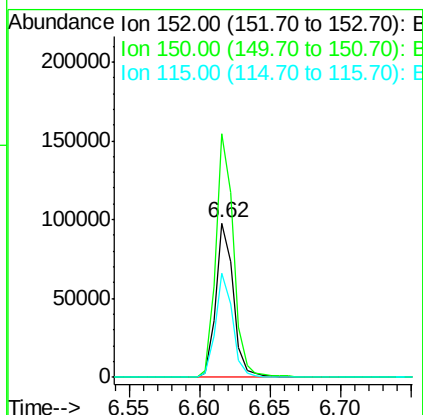
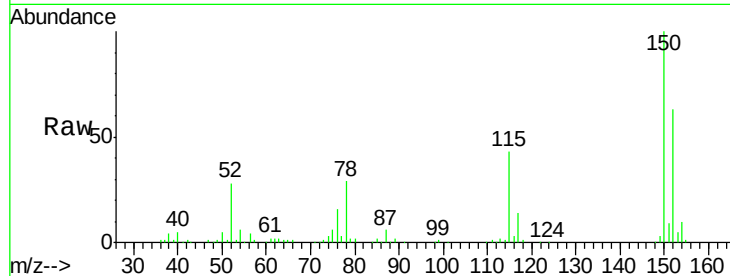


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098669.D
Acq: 20 Sep 2017 19:28

Instrument :
BNA_F
ClientSampleId :

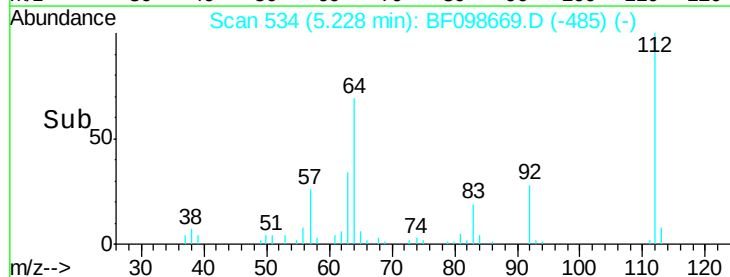
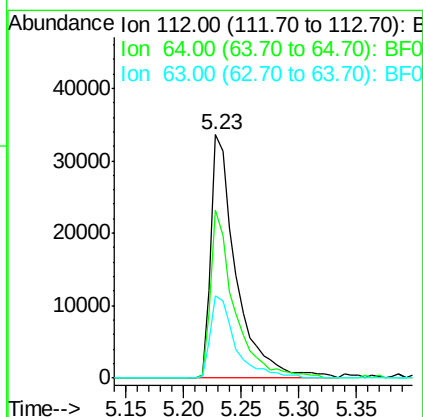
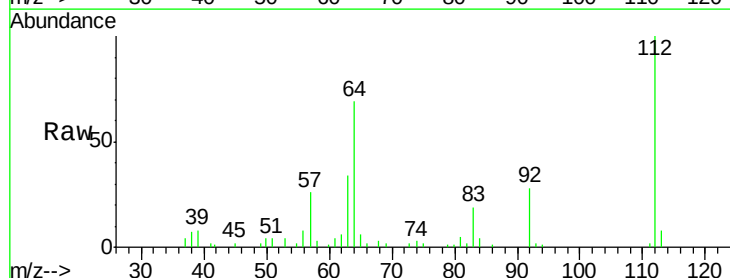
Tot Ion:152 Resp: 84951
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 67.9 52.2 78.2

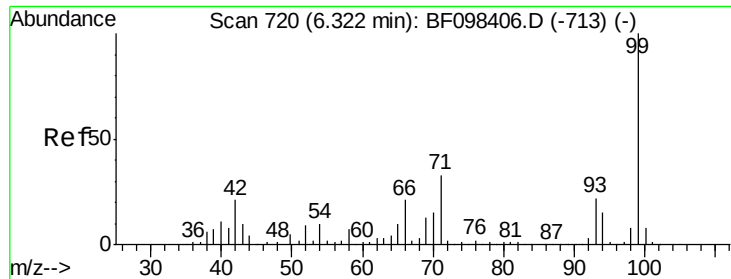


#5

2-Fluorophenol
Concen: 8.91 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098669.D
Acq: 20 Sep 2017 19:28

Tgt Ion:112 Resp: 51221
Ion Ratio Lower Upper
112 100
64 68.8 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 5.26 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

Instrument :

BNA_F

ClientSampled :

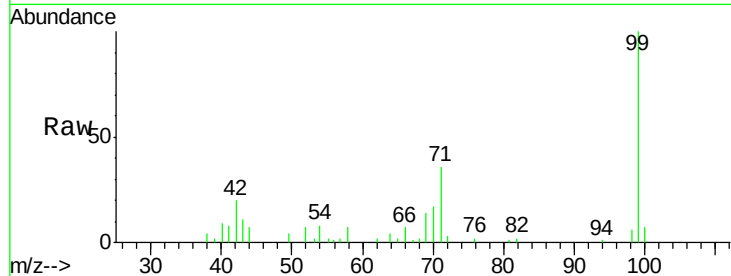
Tot Ion: 99 Resp: 38368

Ion Ratio Lower Upper

99 100

42 20.2 13.5 20.3

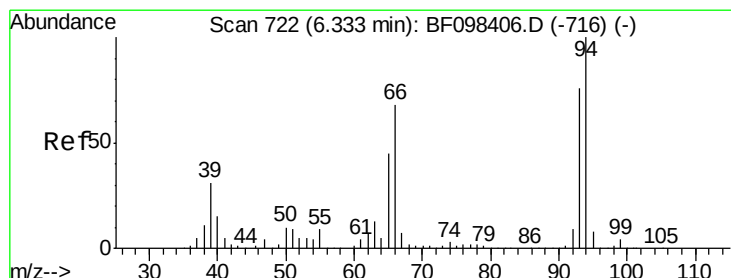
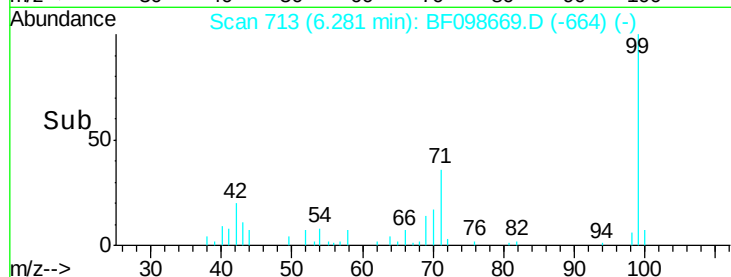
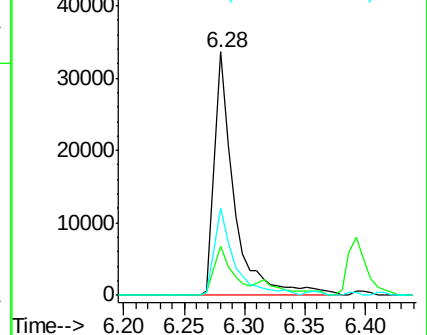
71 36.2 24.5 36.7



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



#10

Phenol

Concen: 3.11 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

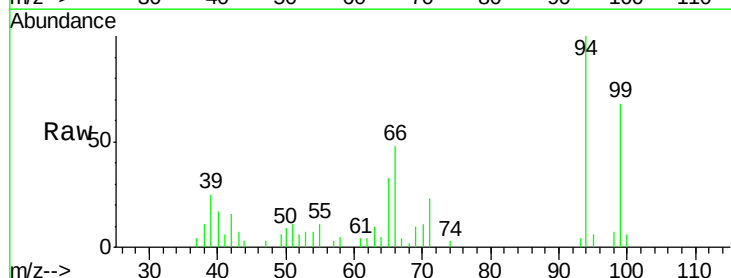
Tgt Ion: 94 Resp: 26330

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

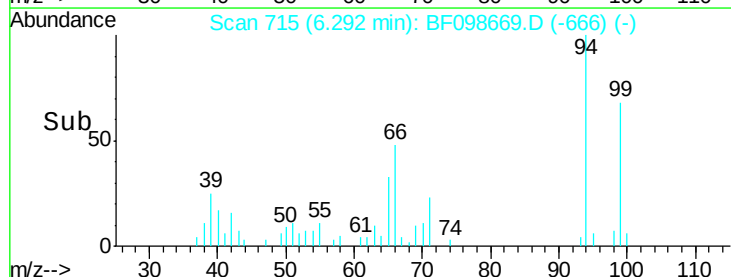
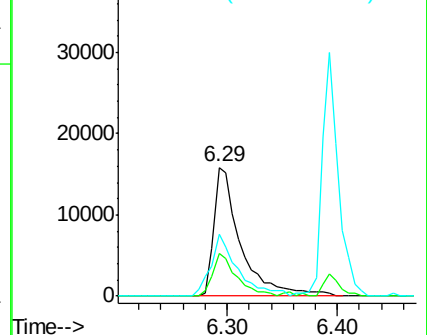
66 47.7 23.1 63.1

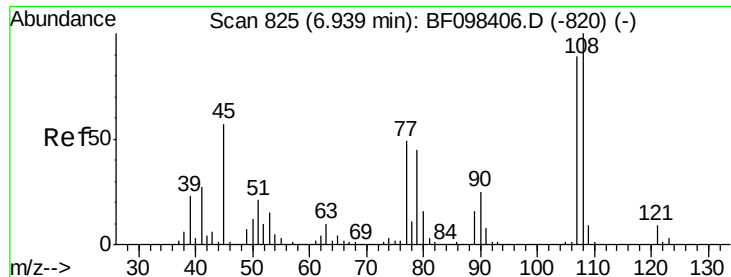


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

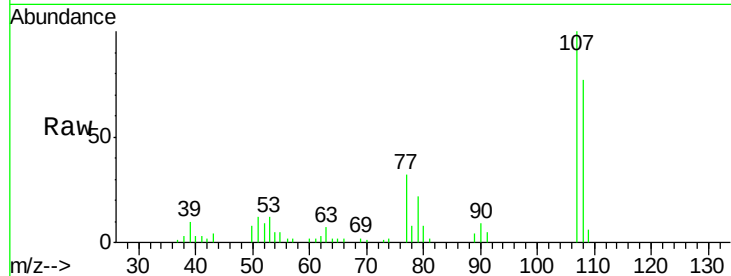




#17
2-Methylphenol
Concen: 6.92 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.15 min
Lab File: BF098669.D
Acq: 20 Sep 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	76.9	93.4	140.0#
77	32.5	35.8	53.6#
79	21.7	34.8	52.2#



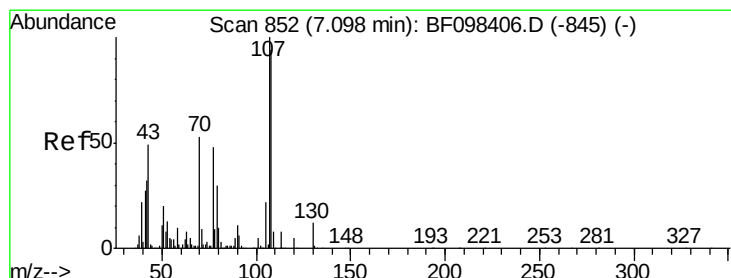
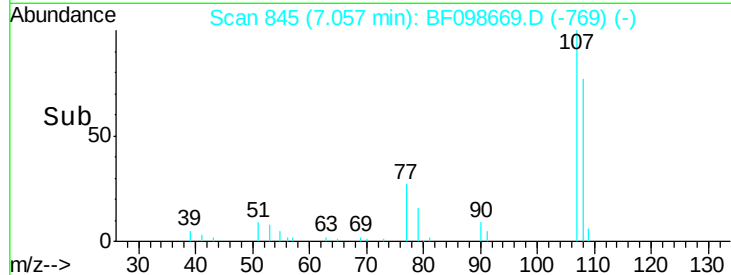
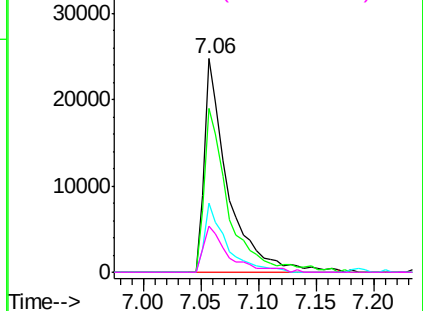
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

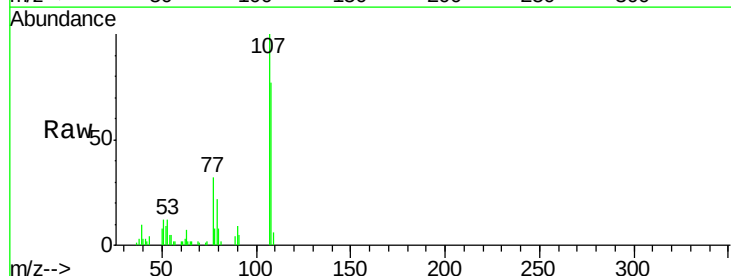
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#20
3+4-Methylphenols
Concen: 5.51 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF098669.D
Acq: 20 Sep 2017 19:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	76.9	71.0	111.0
77	32.5	90.5	130.5#
79	21.7	8.4	48.4



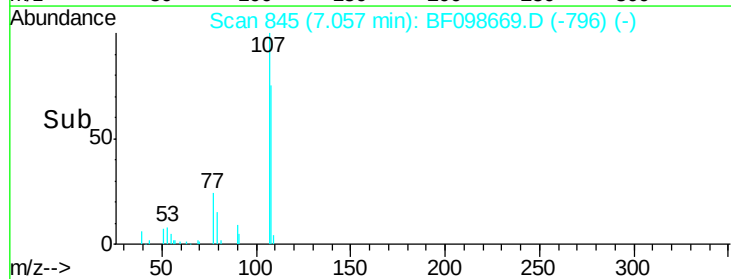
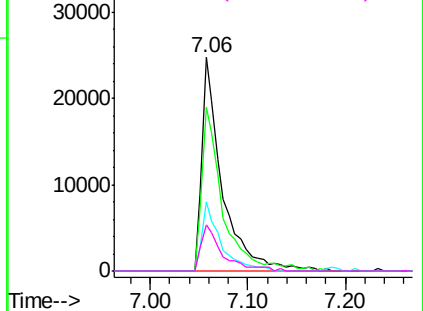
Abundance

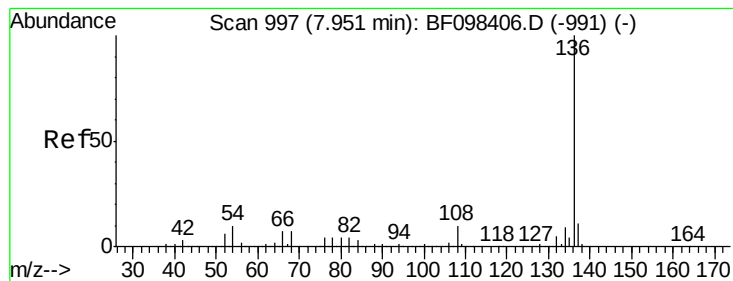
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 353408

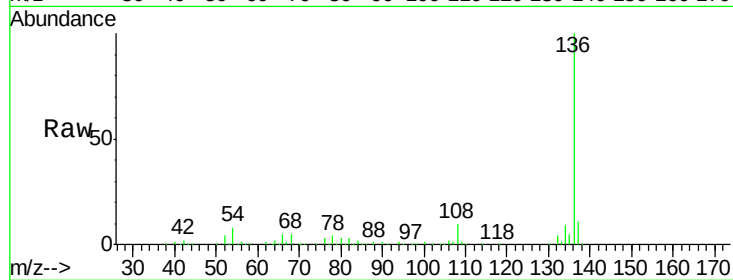
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.1 4.9 7.3#

68 4.7 4.1 6.1

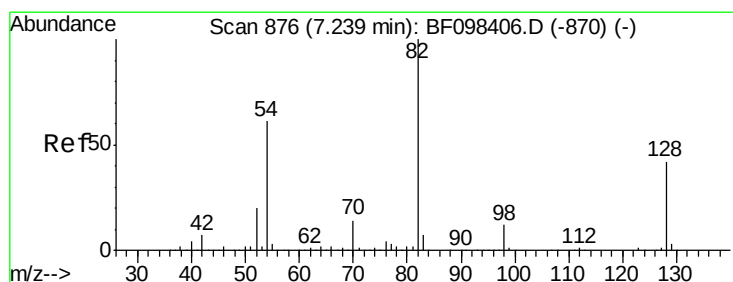
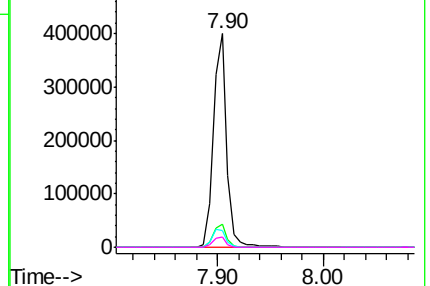
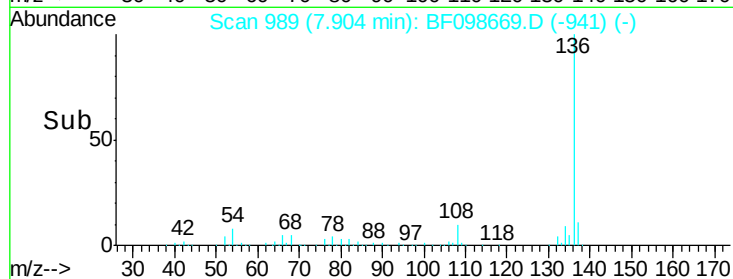


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.40 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

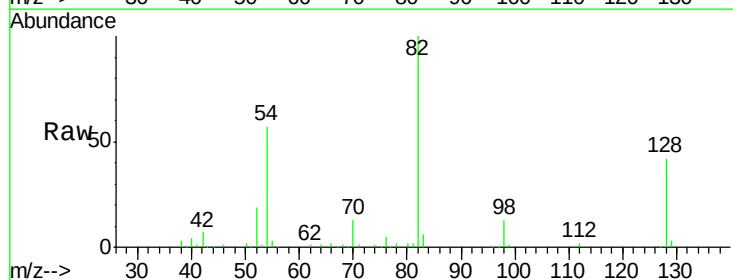
Tgt Ion: 82 Resp: 97637

Ion Ratio Lower Upper

82 100

128 42.3 34.0 51.0

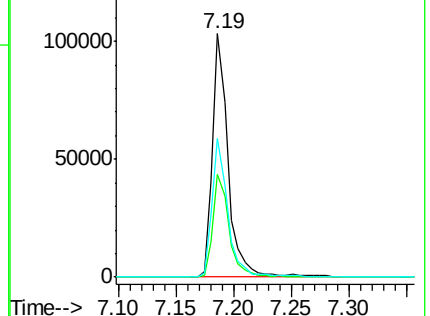
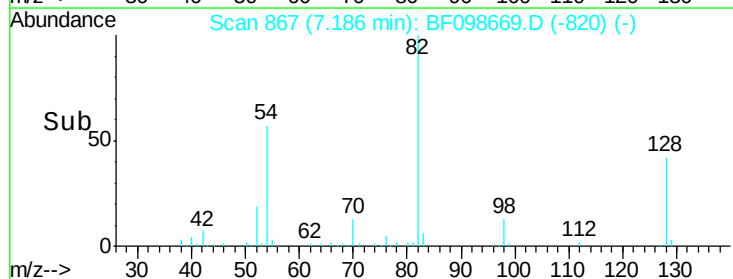
54 56.9 42.2 63.2

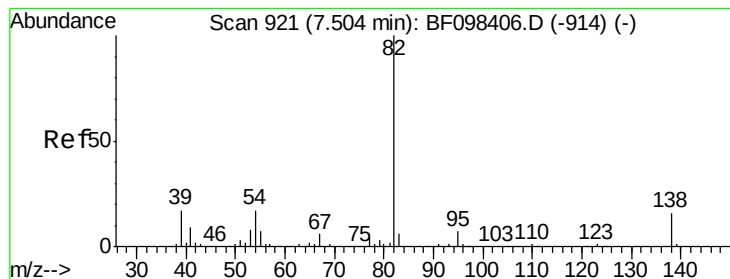


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 7.61 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.28 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

Instrument :

BNA_F

ClientSampleId :

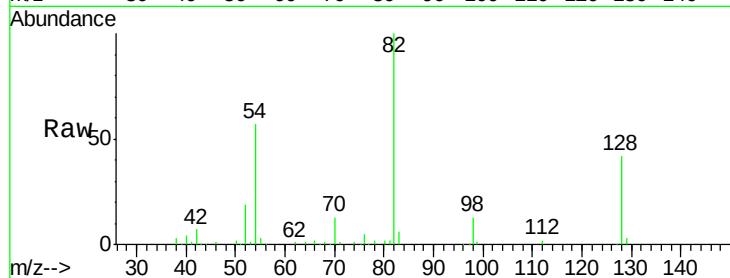
Tot Ion: 82 Resp: 97649

Ion Ratio Lower Upper

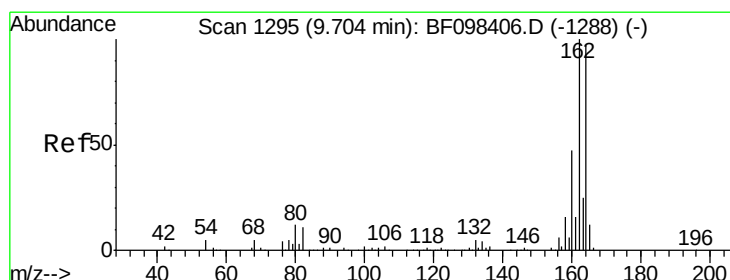
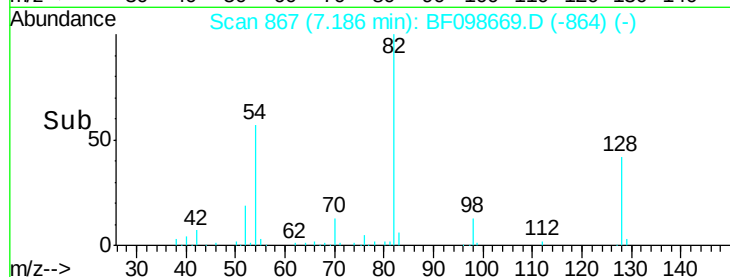
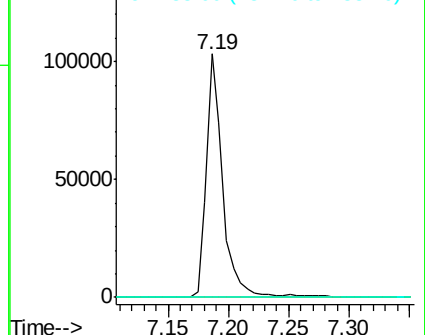
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

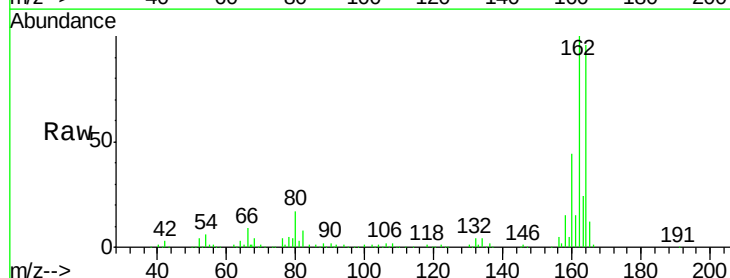
Tgt Ion: 164 Resp: 149946

Ion Ratio Lower Upper

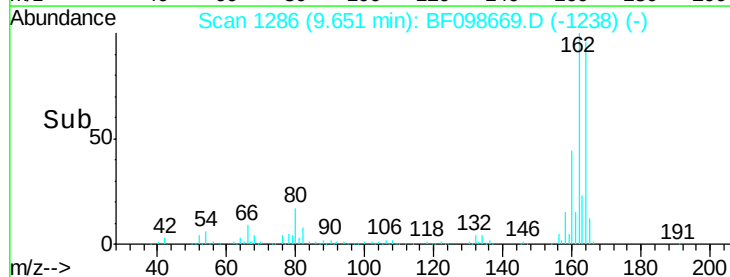
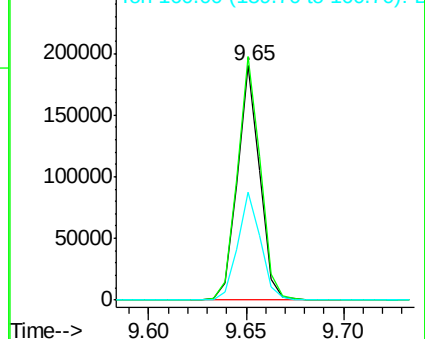
164 100

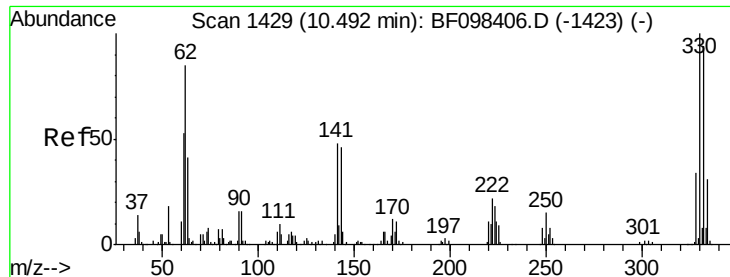
162 104.0 82.6 123.8

160 46.2 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

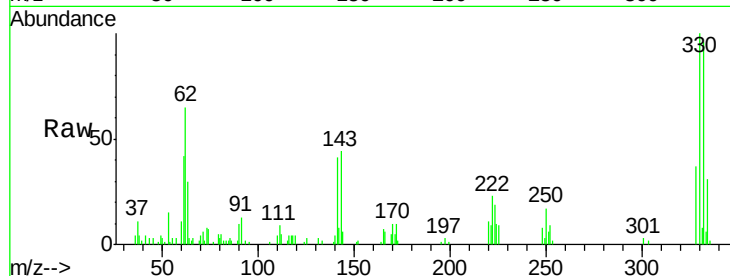




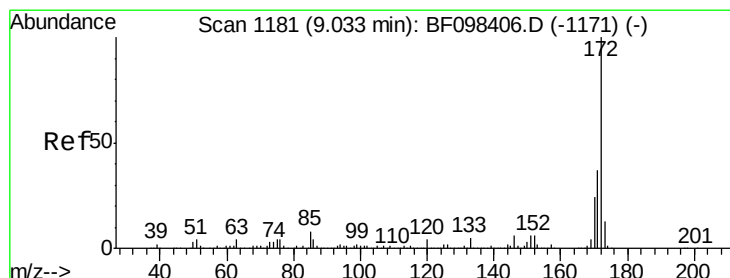
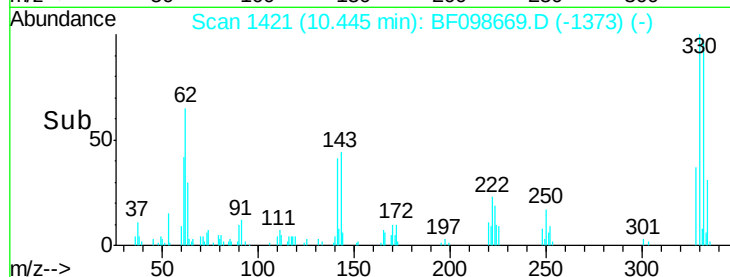
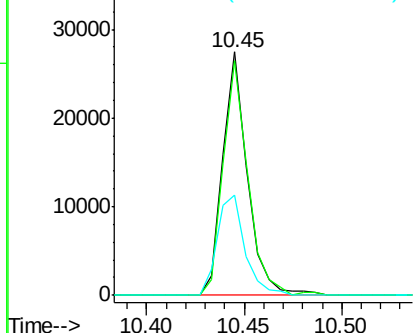
#41
 2,4,6-Tribromophenol
 Concen: 24.21 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF098669.D
 Acq: 20 Sep 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 24233
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 45.9 31.4 47.2

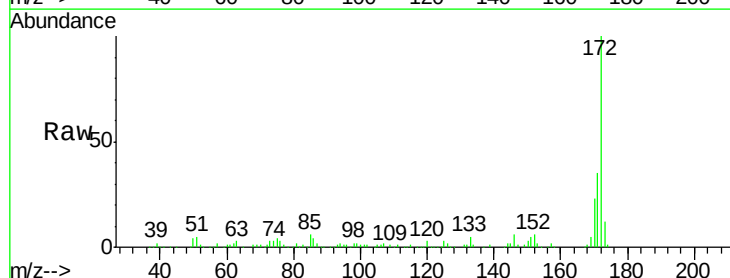


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

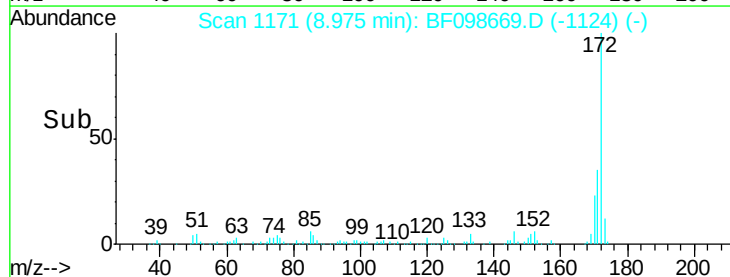
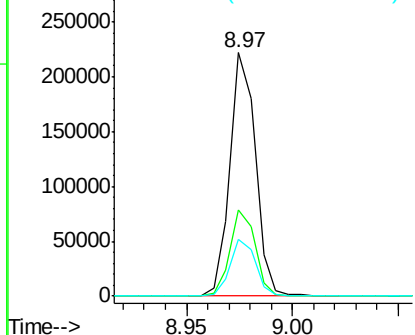


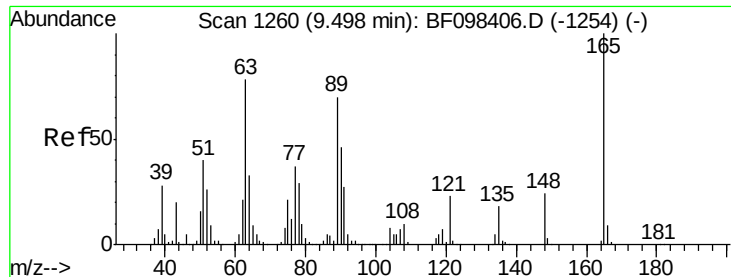
#44
 2-Fluorobiphenyl
 Concen: 20.92 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF098669.D
 Acq: 20 Sep 2017 19:28

Tgt Ion:172 Resp: 185069
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.3 19.8 29.8



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





#50

2,6-Dinitrotoluene

Concen: 8.09 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.18 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

Instrument :
BNA_F
ClientSampleId :

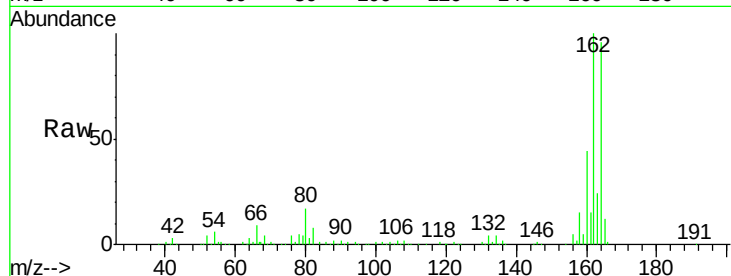
Tot Ion:165 Resp: 19278

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

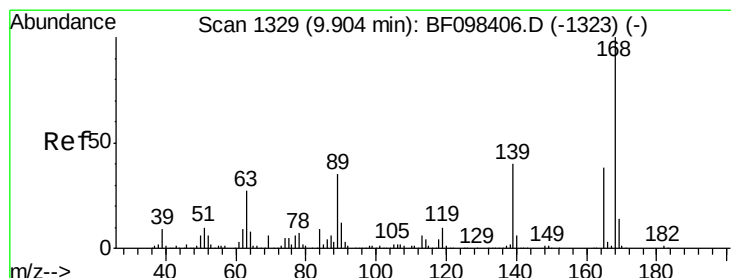
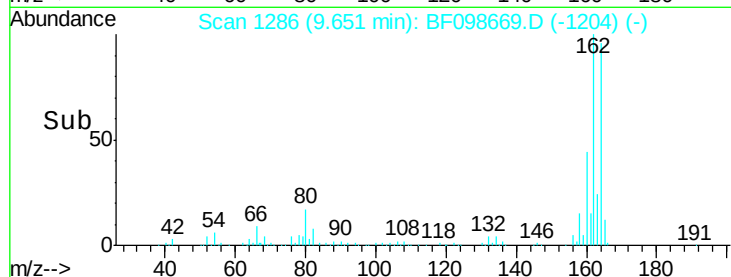
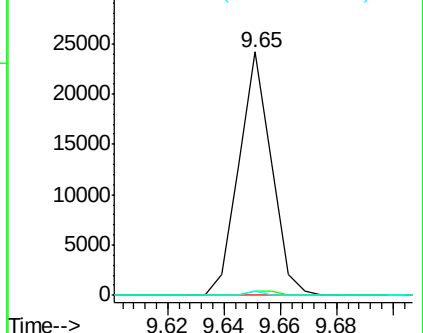
89 1.6 37.1 55.7#



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: 6.65 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.23 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

Tgt Ion:165 Resp: 19278

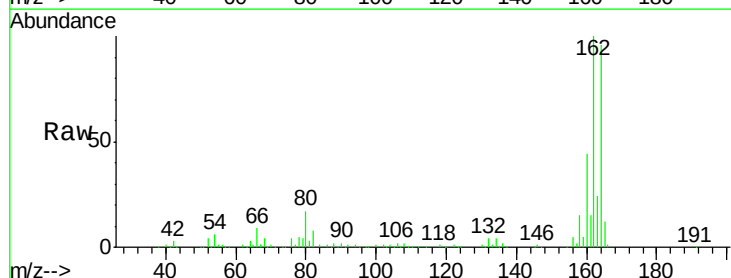
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

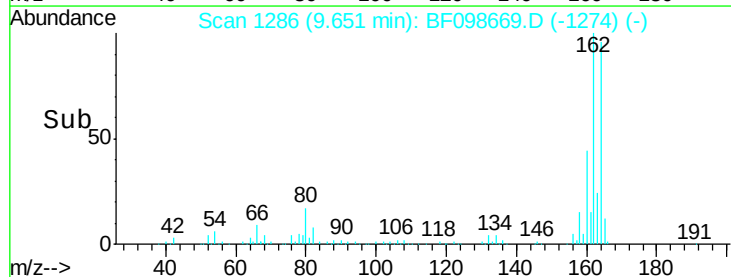
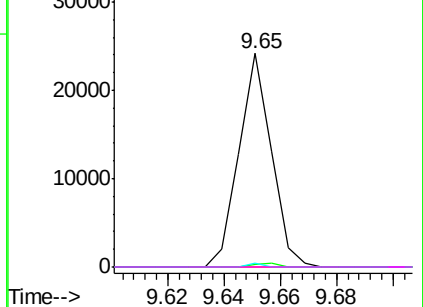


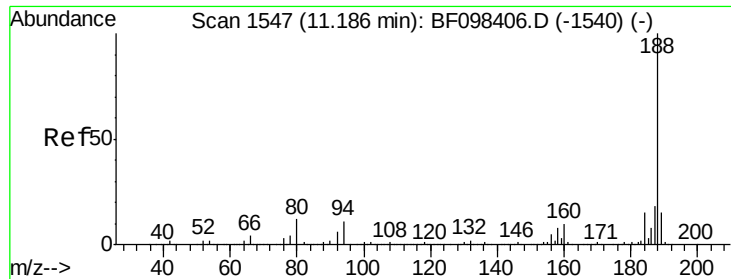
Abundance Ion 165.00 (164.70 to 165.70): E

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

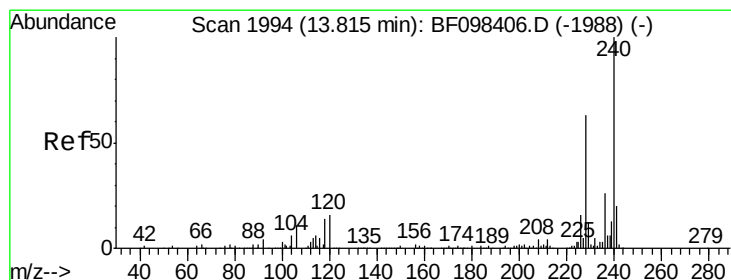
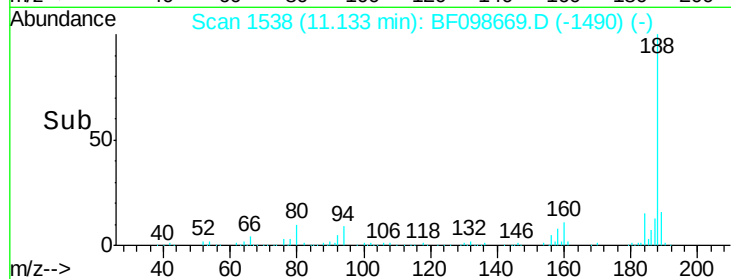
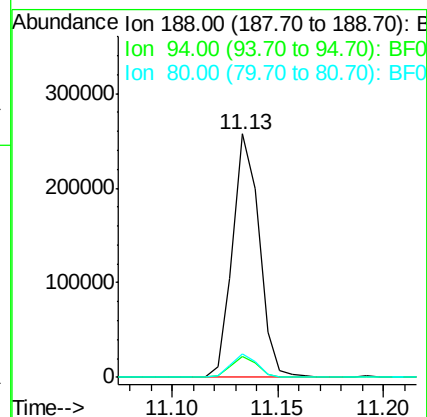
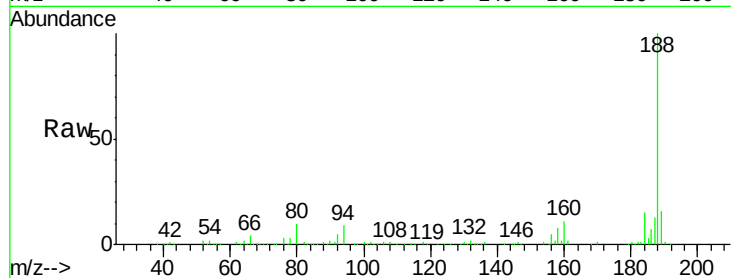




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BF098669.D
Acq: 20 Sep 2017 19:28

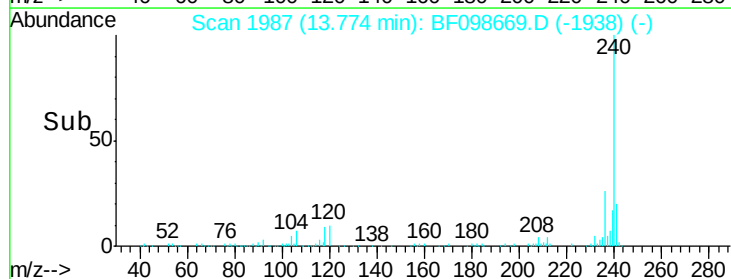
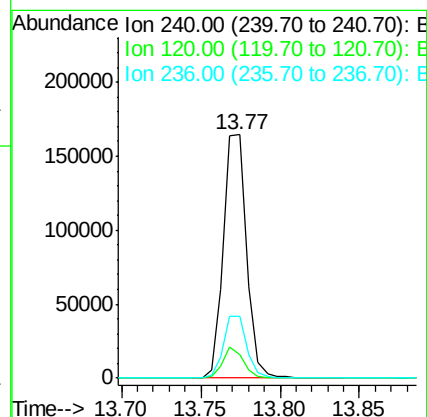
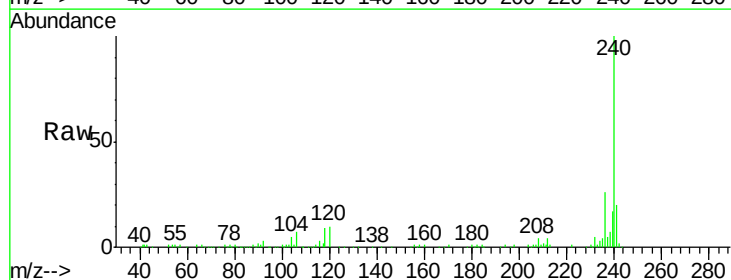
Instrument :
BNA_F
ClientSampleId :

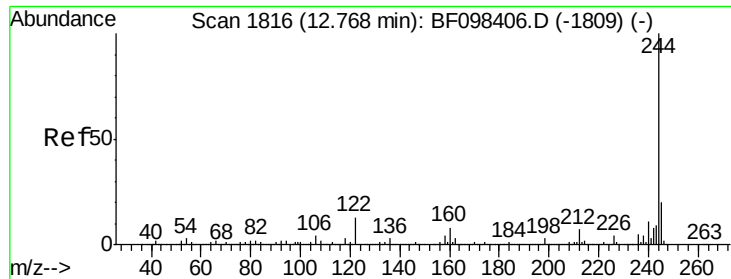
Tot Ion:188 Resp: 223201
Ion Ratio Lower Upper
188 100
94 8.6 9.4 14.2#
80 9.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098669.D
Acq: 20 Sep 2017 19:28

Tgt Ion:240 Resp: 166979
Ion Ratio Lower Upper
240 100
120 9.7 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 12.65 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF098669.D

Acq: 20 Sep 2017 19:28

Instrument :

BNA_F

ClientSampleId :

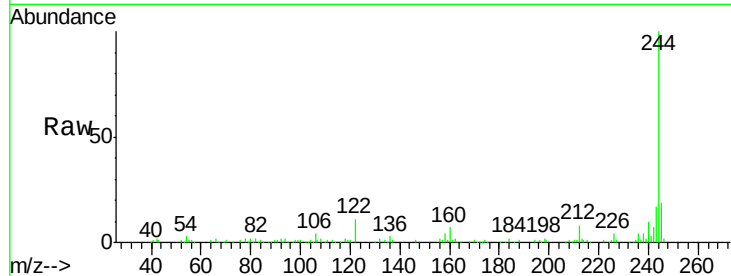
Tot Ion:244 Resp: 97848

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

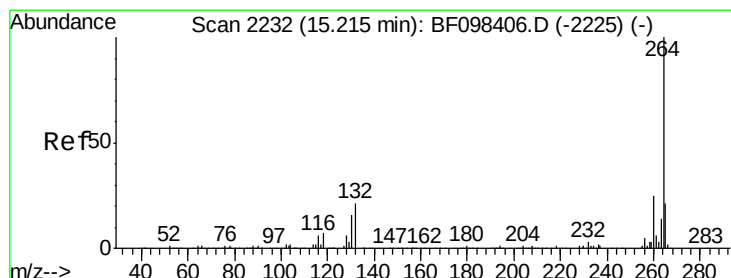
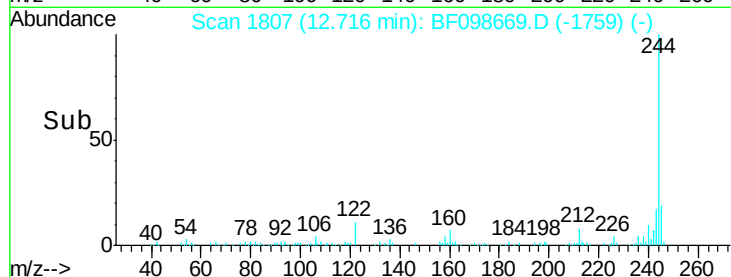
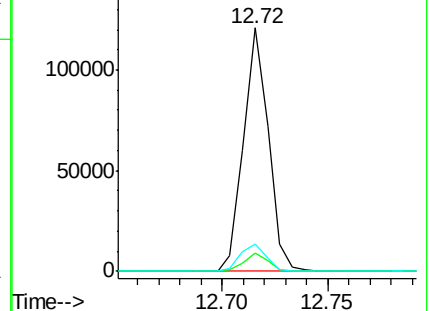
122 11.3 10.3 15.5



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: BF098669.D

Acq: 20 Sep 2017 19:28

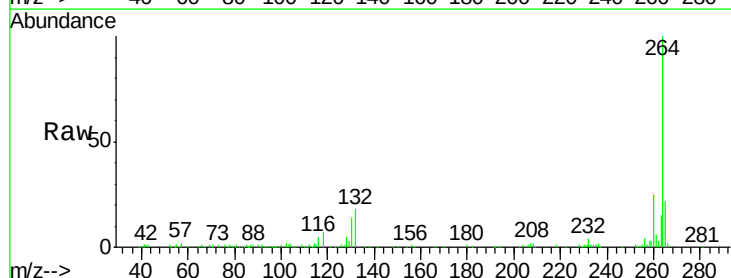
Tgt Ion:264 Resp: 176636

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.0 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

