

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098126.D
 Acq On : 29 Aug 2017 22:25
 Operator : SJ/JU
 Sample : I4986-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 03:02:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

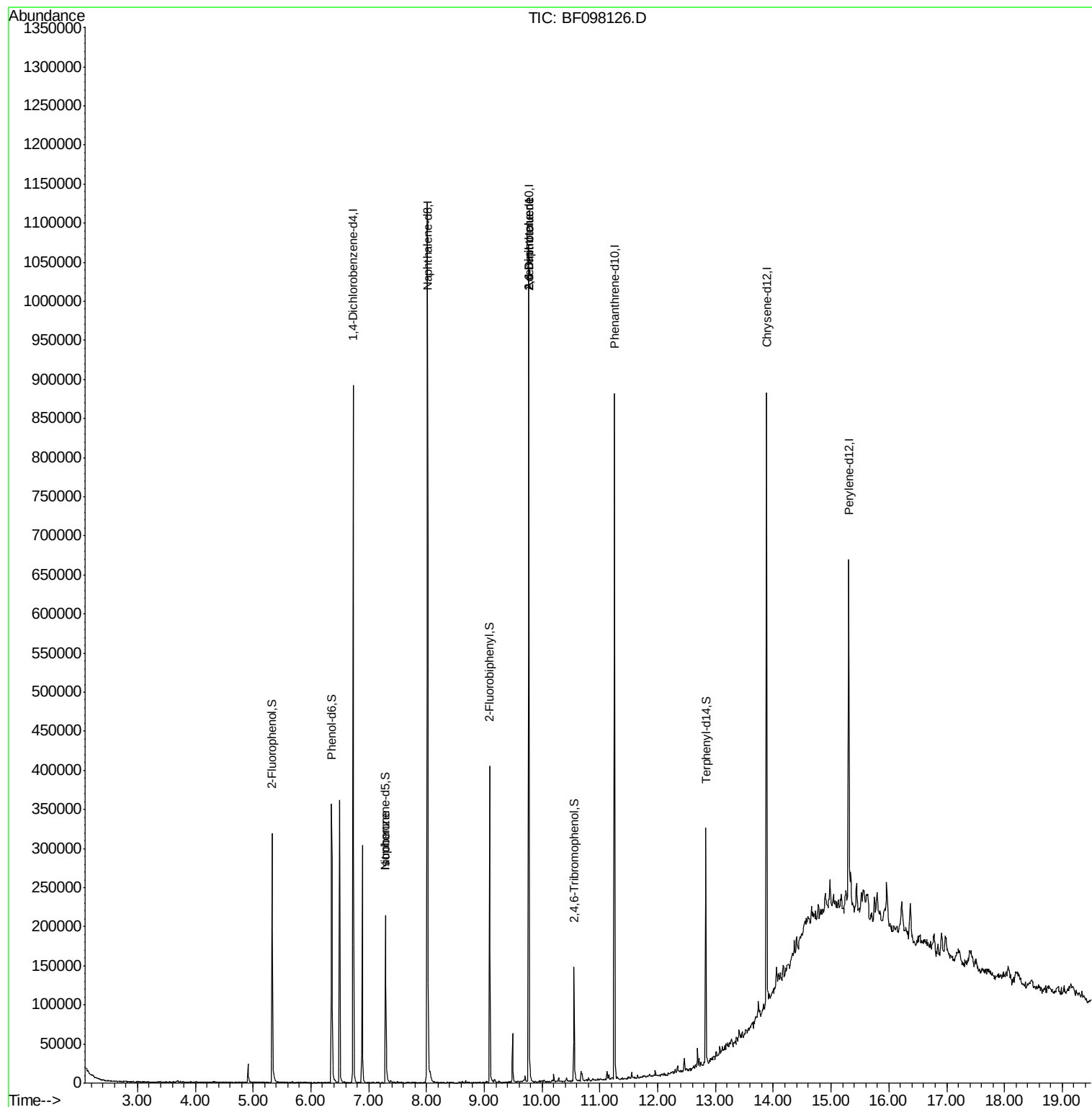
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122250	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	469599	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	185101	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	293617	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	266506	20.00	ng	-0.01
86) Perylene-d12	15.30	264	198751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	90421	11.25	ng	-0.02
7) Phenol-d6	6.36	99	125794	11.52	ng	-0.03
23) Nitrobenzene-d5	7.29	82	75486	8.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	14942	9.30	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	125229	9.94	ng	-0.02
78) Terphenyl-d14	12.83	244	80144	6.27	ng	-0.02
Target Compounds						
25) Isophorone	7.29	82	72581	4.038	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	22601	8.368	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	22601	6.668	ng	# 33

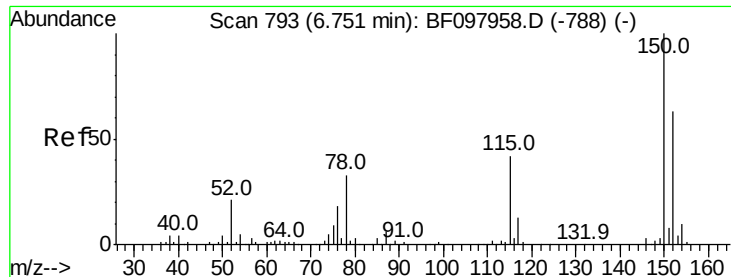
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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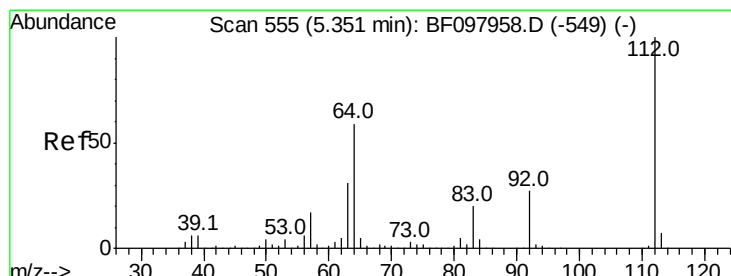
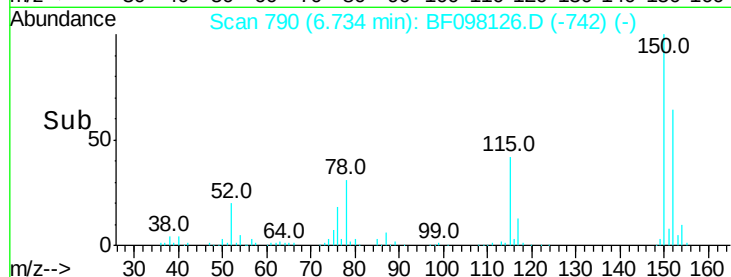
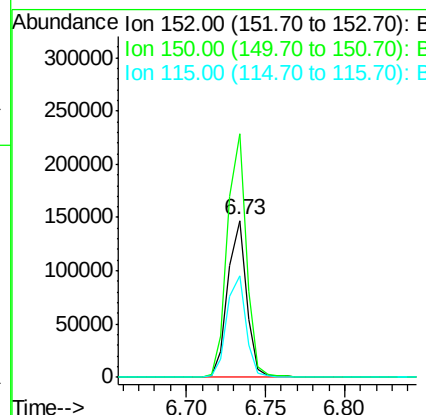
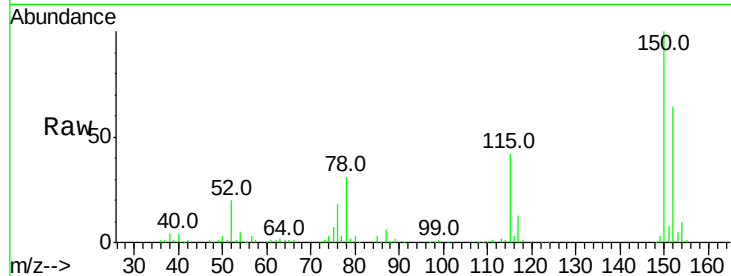


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098126.D
Acq: 29 Aug 2017 22:25

Instrument :
BNA_F
ClientSampleId :

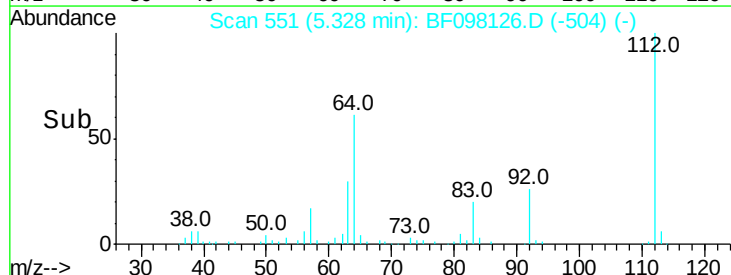
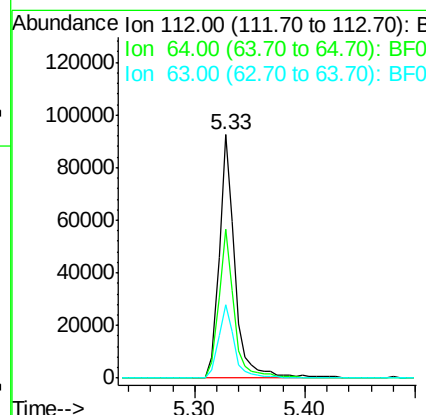
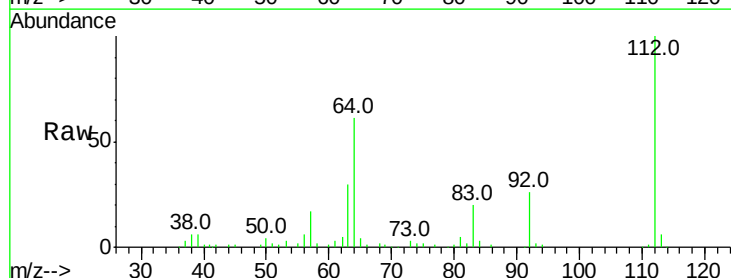
Tot Ion:152 Resp: 122250
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 64.6 52.2 78.2

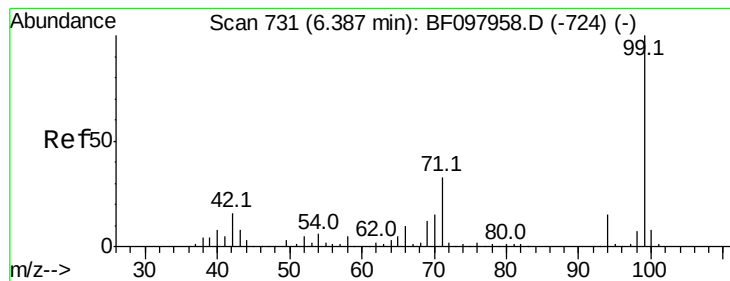


#5

2-Fluorophenol
Concen: 11.250 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098126.D
Acq: 29 Aug 2017 22:25

Tgt Ion:112 Resp: 90421
Ion Ratio Lower Upper
112 100
64 61.4 46.0 69.0
63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 11.519 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Instrument :

BNA_F

ClientSampleId :

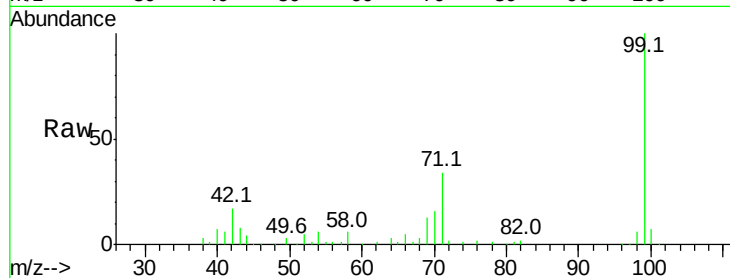
Tot Ion: 99 Resp: 125794

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

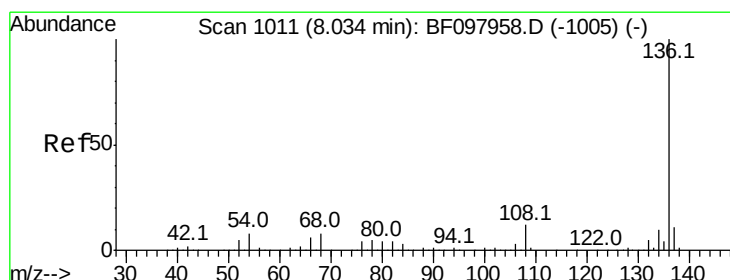
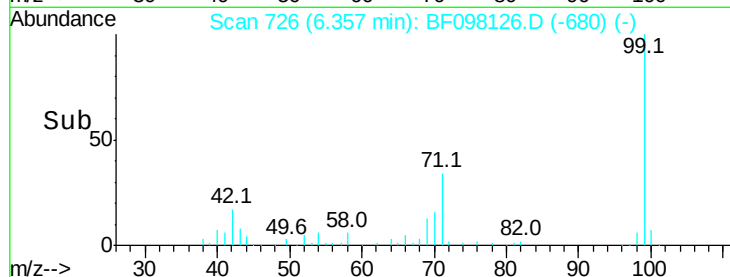
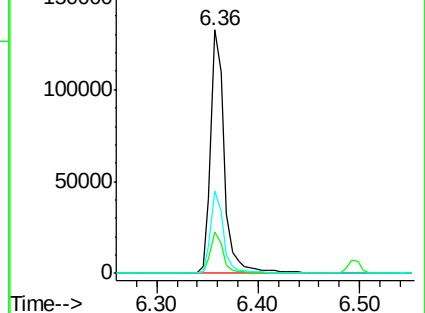
71 33.6 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Tgt Ion: 136 Resp: 469599

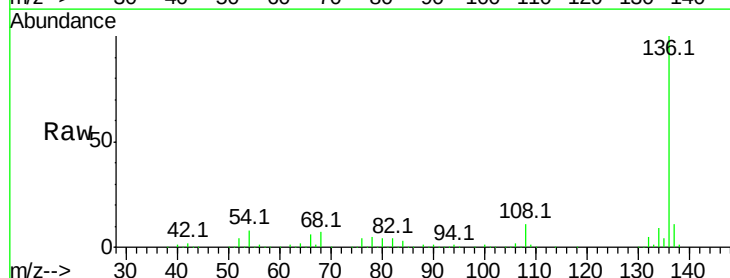
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.7 4.9 7.3#

68 7.2 4.1 6.1#

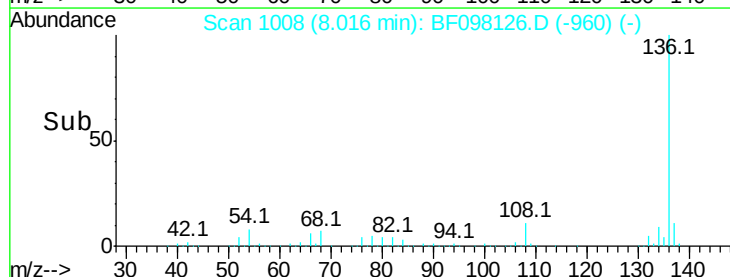
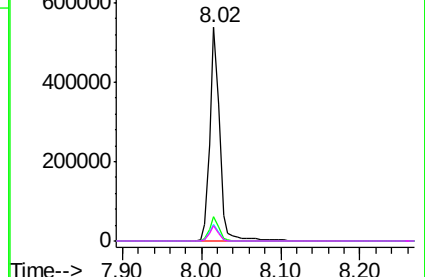


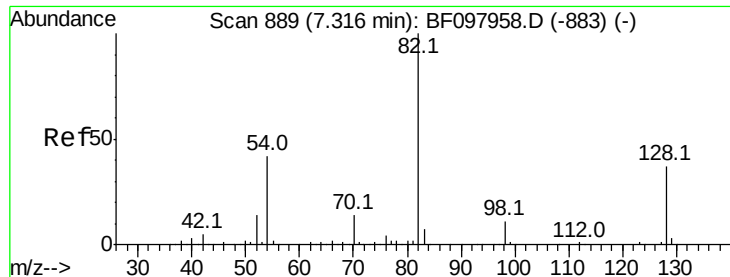
Abundance Ion 136.00 (135.70 to 136.70): E

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

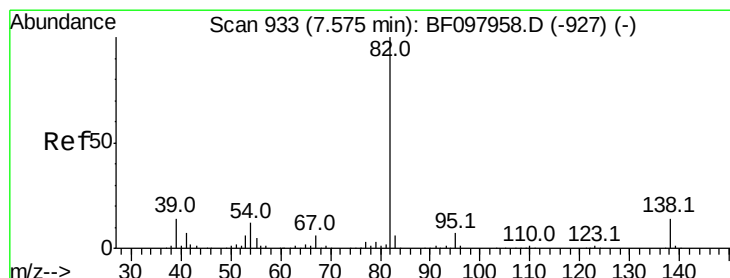
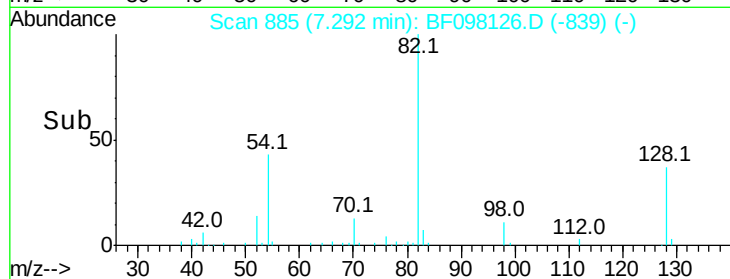
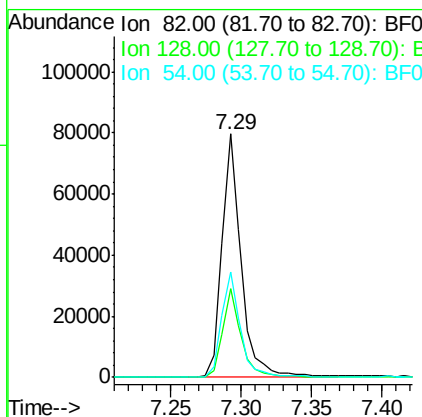
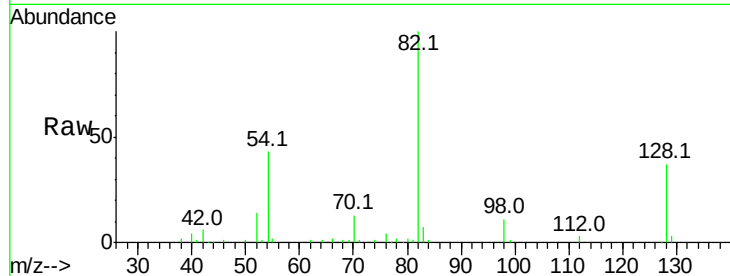




#23
 Nitrobenzene-d5
 Concen: 8.732 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

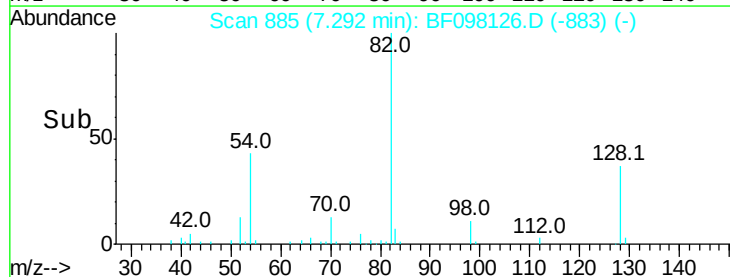
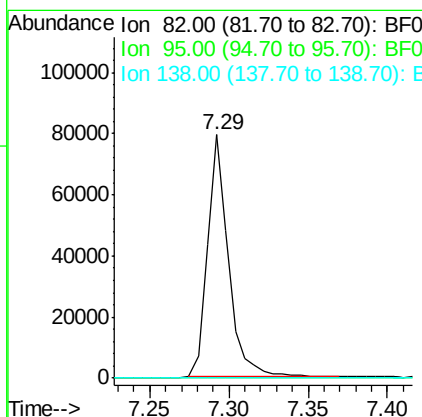
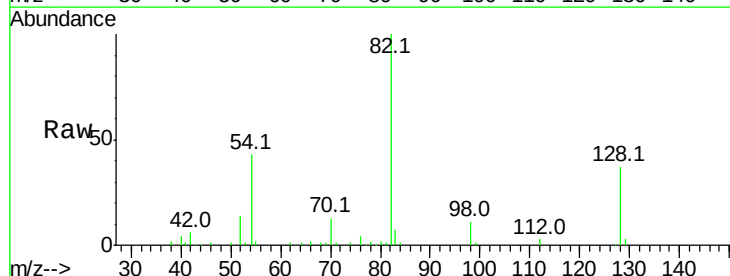
Instrument :
 BNA_F
 ClientSampled :

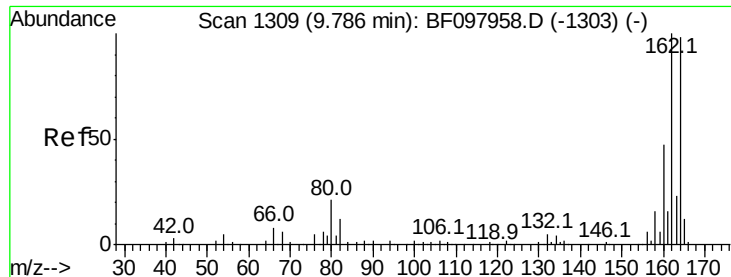
Tot Ion	82	Resp	75486
Ion Ratio	Lower	Upper	
82	100		
128	36.6	34.0	51.0
54	43.3	42.2	63.2



#25
 Isophorone
 Concen: 4.038 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.29 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion	82	Resp	72581
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

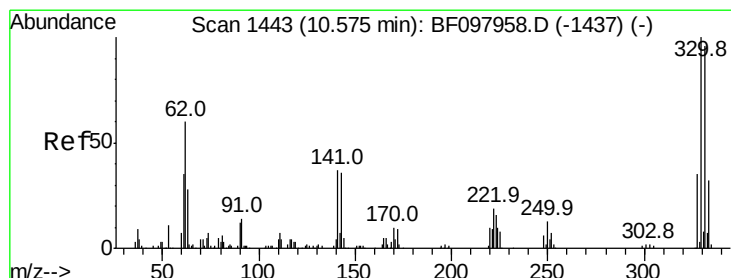
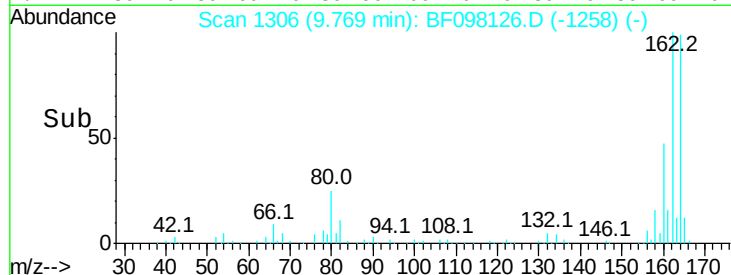
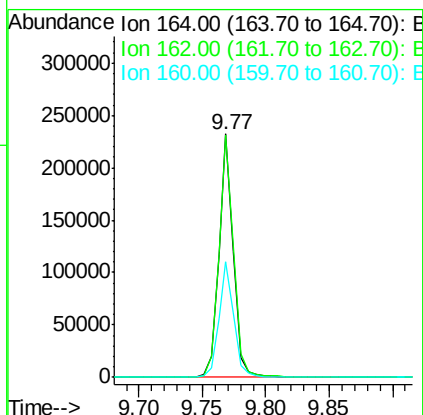
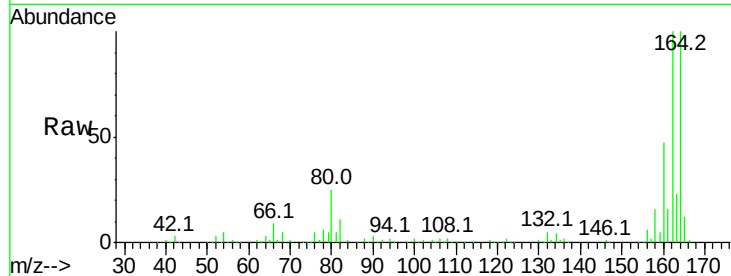




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

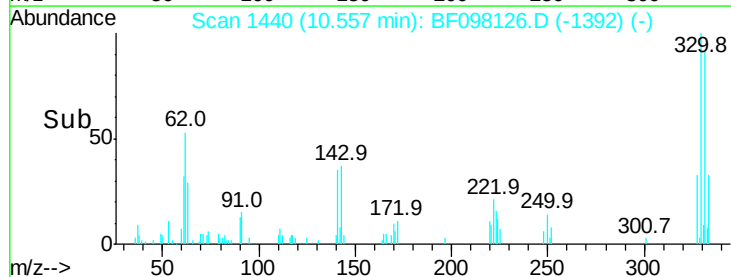
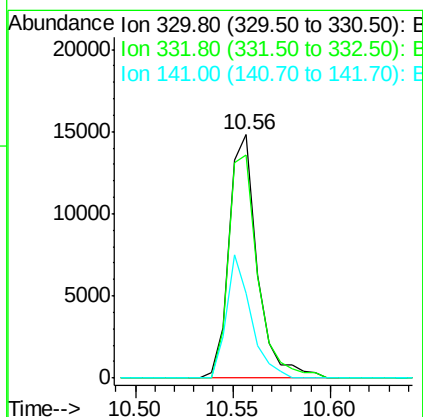
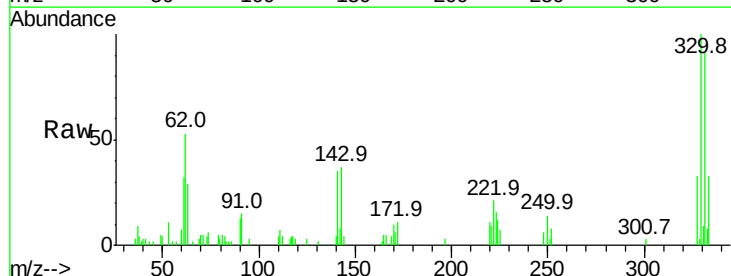
Instrument :
 BNA_F
 ClientSampleId :

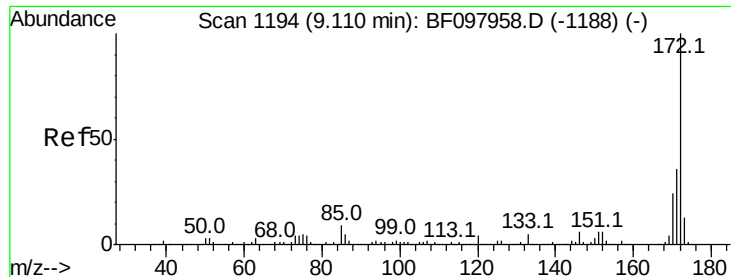
Tot Ion:164 Resp: 185101
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 123.8
 160 47.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 9.304 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion:330 Resp: 14942
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 43.6 31.4 47.2

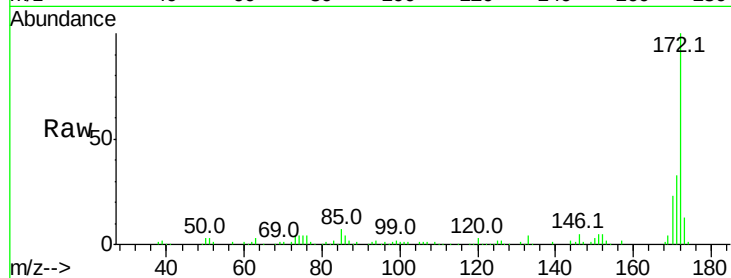




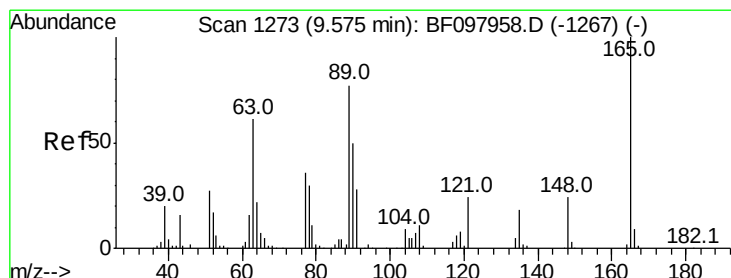
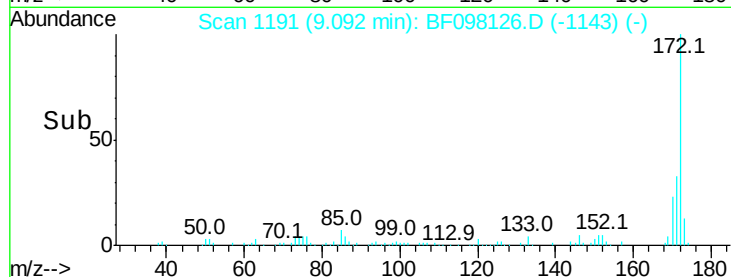
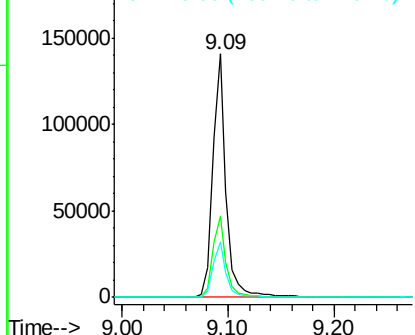
#44
 2-Fluorobiphenyl
 Concen: 9.940 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.6	44.4
170	23.0	19.8	29.8

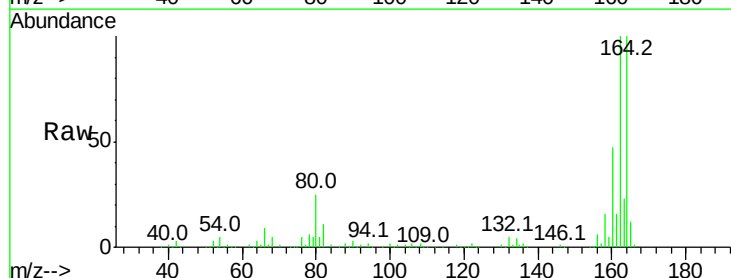


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

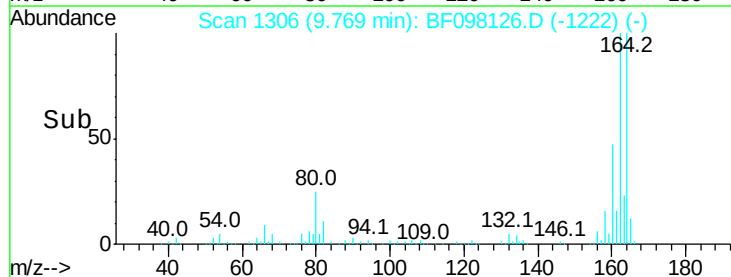
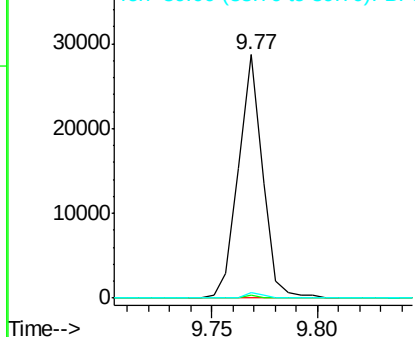


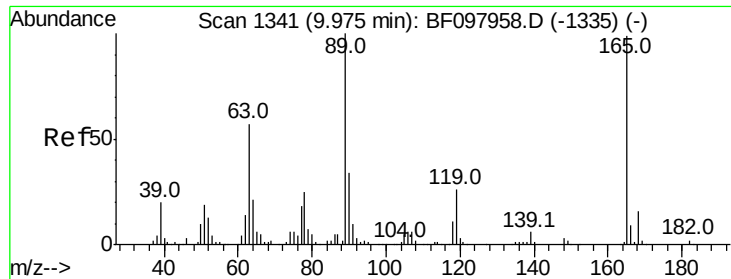
#50
 2,6-Dinitrotoluene
 Concen: 8.368 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.19 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	2.0	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: 6.668 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22601

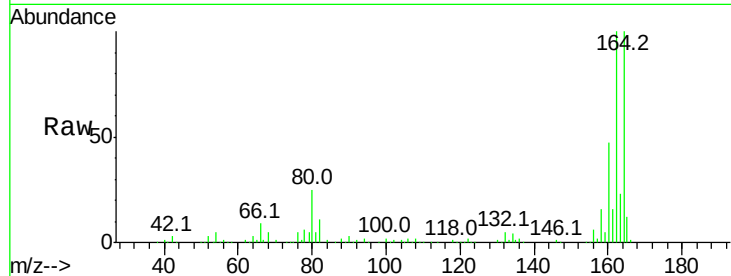
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

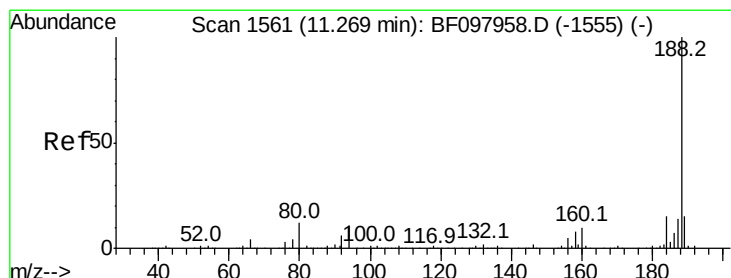
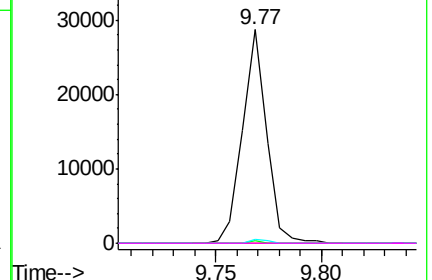
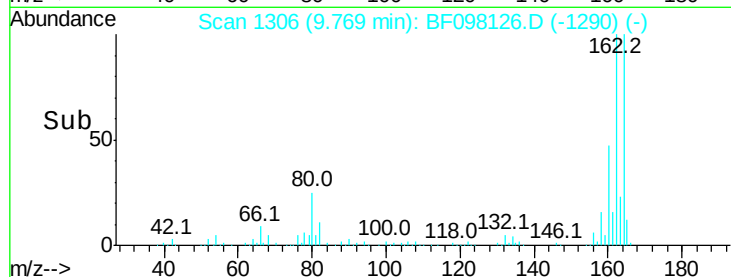


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

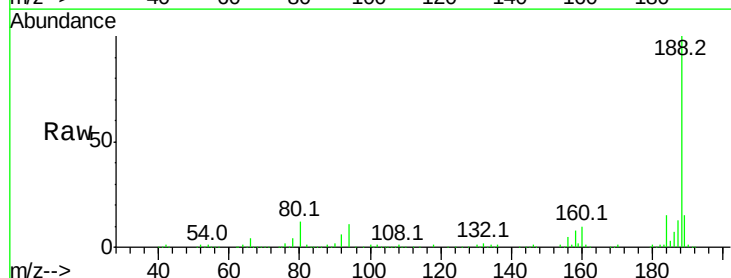
Tgt Ion:188 Resp: 293617

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

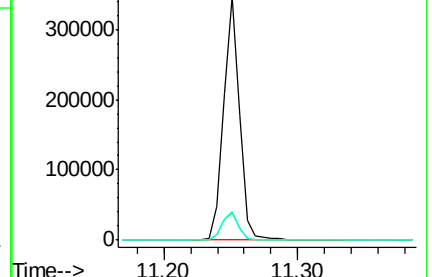
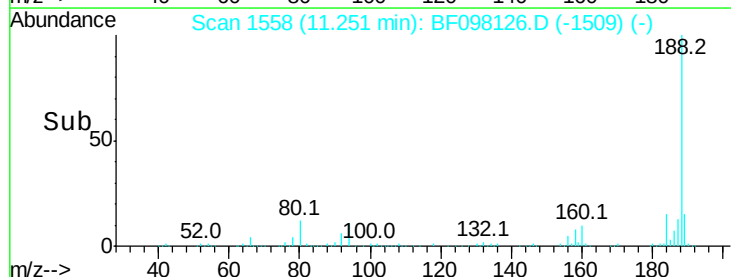
80 11.9 10.2 15.2

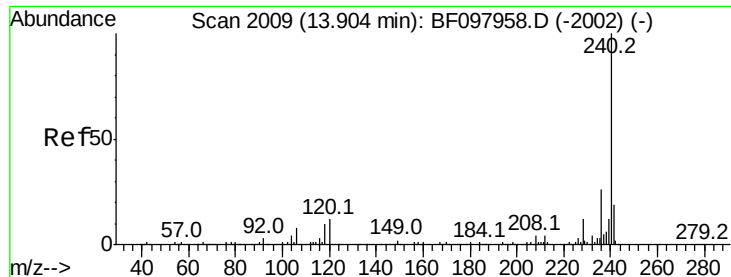


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Instrument :

BNA_F

ClientSampleId :

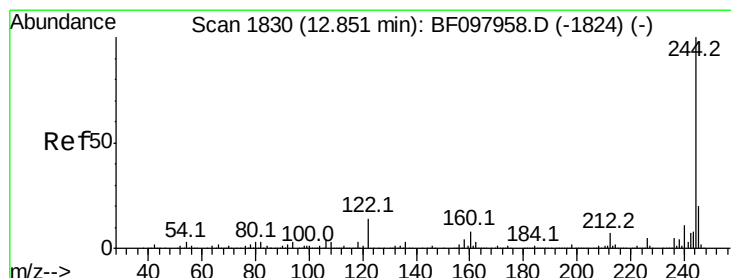
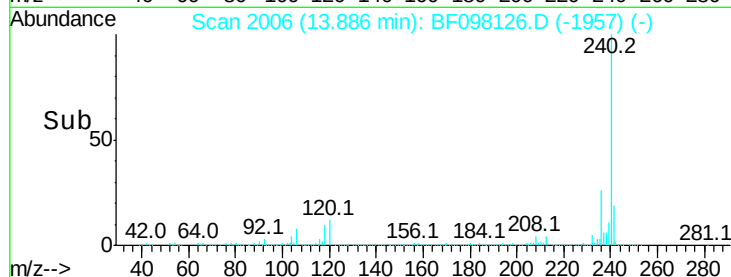
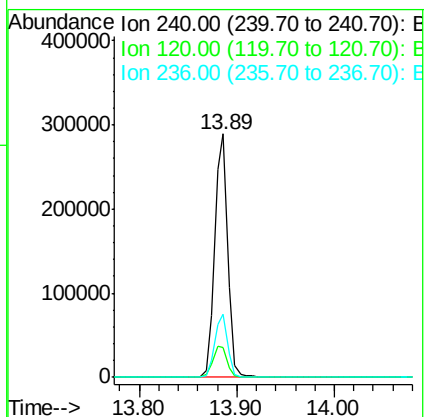
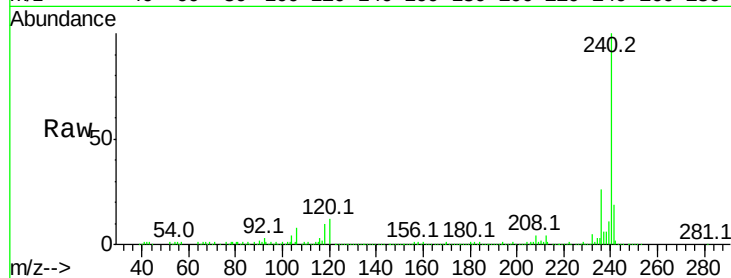
Tot Ion:240 Resp: 266506

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

236 25.9 20.5 30.7



#78

Terphenyl-d14

Concen: 6.271 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

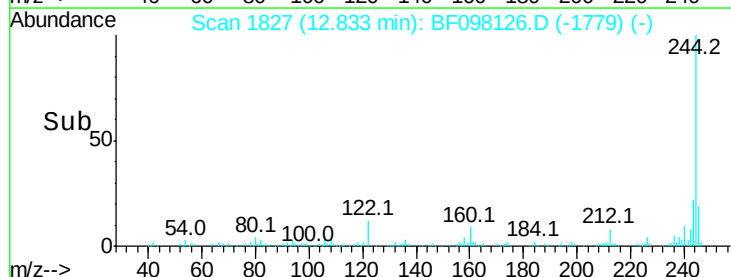
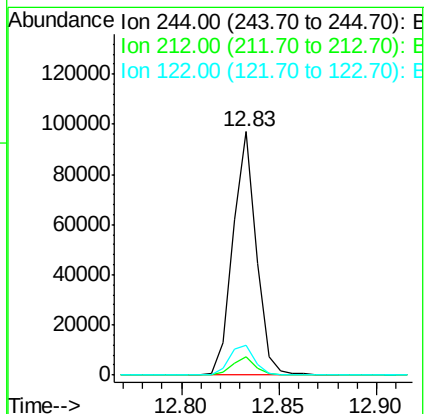
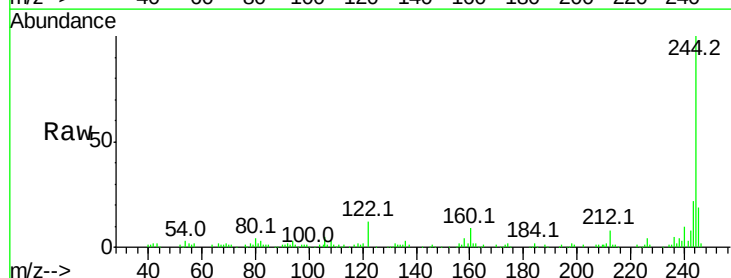
Tgt Ion:244 Resp: 80144

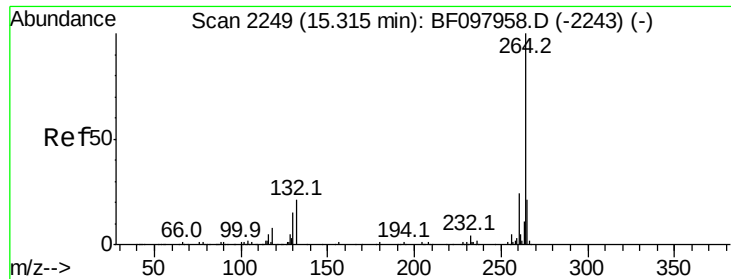
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 12.1 10.3 15.5

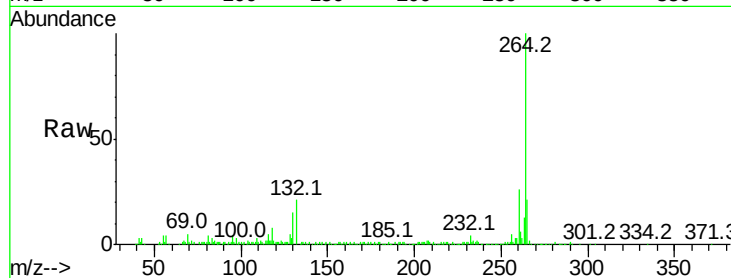




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	21.1	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

