

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098332.D
 Acq On : 7 Sep 2017 23:54
 Operator : SJ/JU
 Sample : I5071-07 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G58A-0-2.5

Quant Time: Sep 08 01:57:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

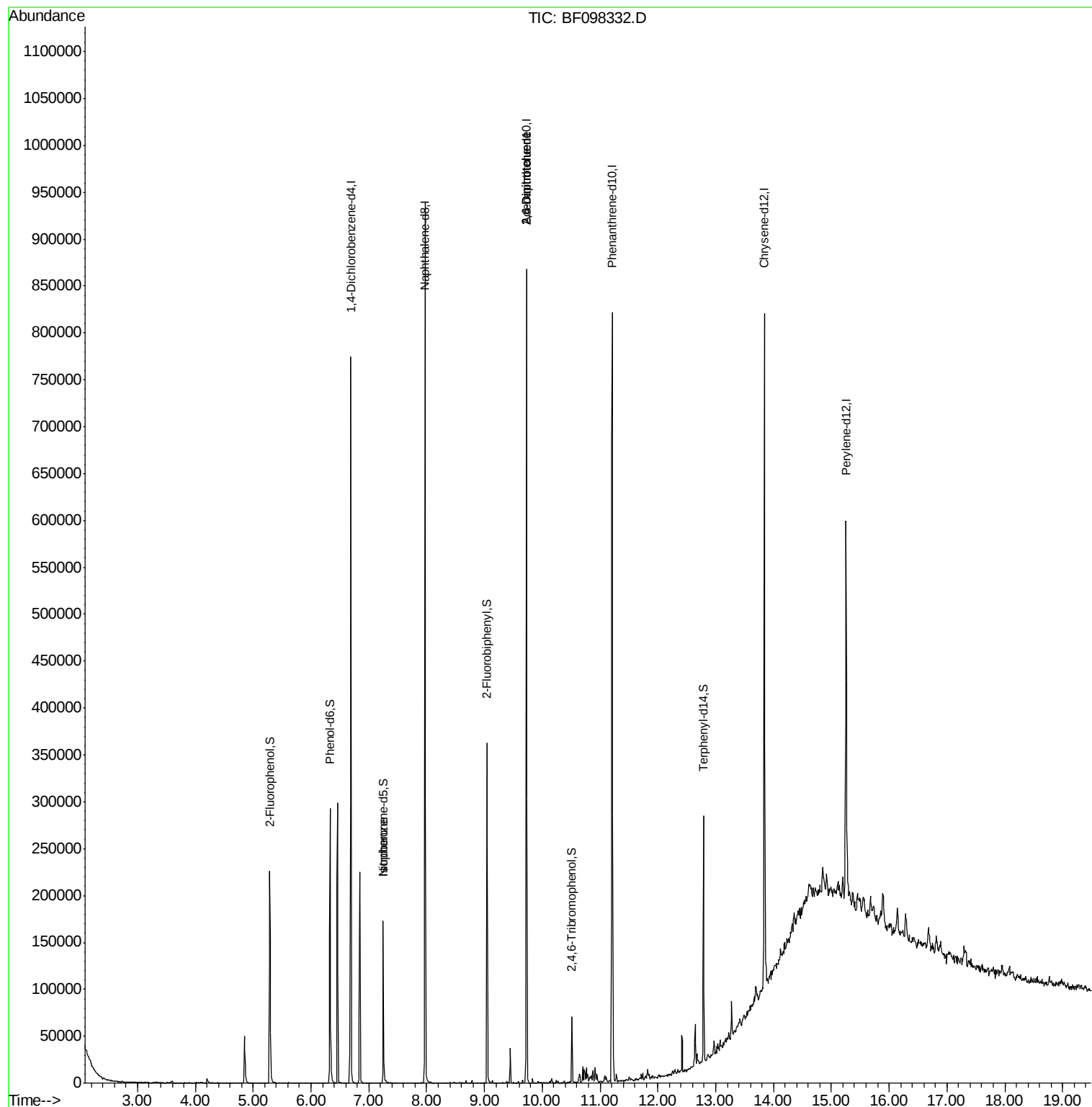
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107075	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	405885	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	162254	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	280435	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	238126	20.00	ng	-0.02
86) Perylene-d12	15.26	264	169947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	65677	9.33	ng	-0.02
7) Phenol-d6	6.33	99	102639	10.73	ng	-0.02
23) Nitrobenzene-d5	7.25	82	57336	7.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	8084	5.74	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	100965	9.14	ng	-0.02
78) Terphenyl-d14	12.79	244	73246	6.41	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	57335	3.690	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	20492	8.656	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	20492	6.897	ng	# 33

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

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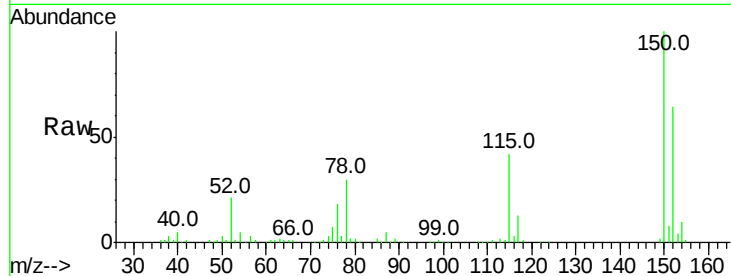


#1

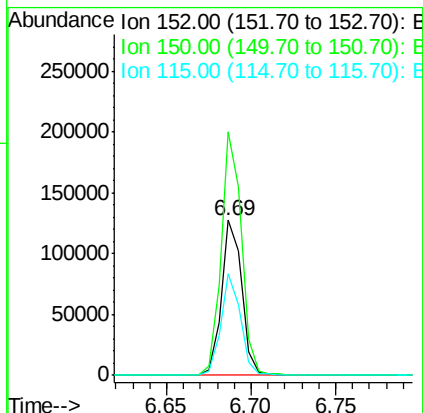
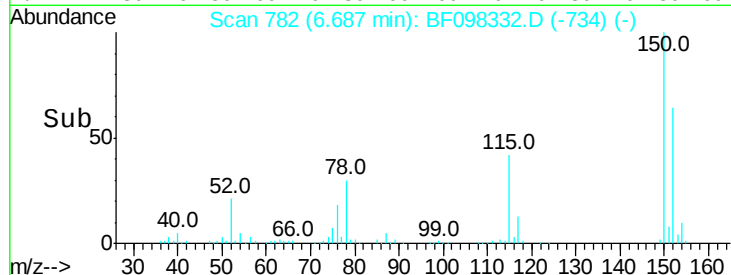
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098332.D
Acq: 7 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
G58A-0-2.5

Tot Ion:152 Resp: 107075
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 65.8 52.2 78.2



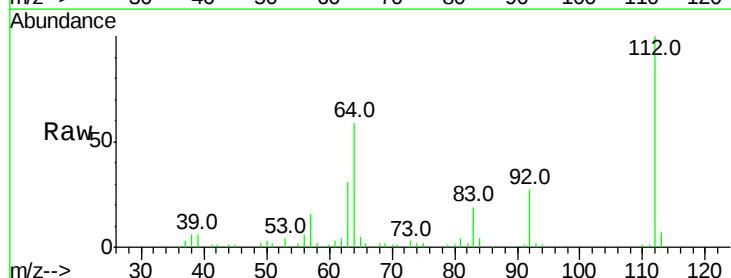
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



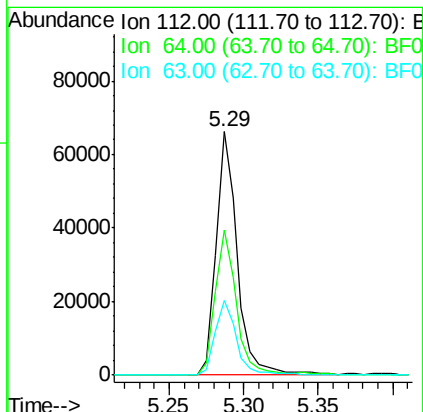
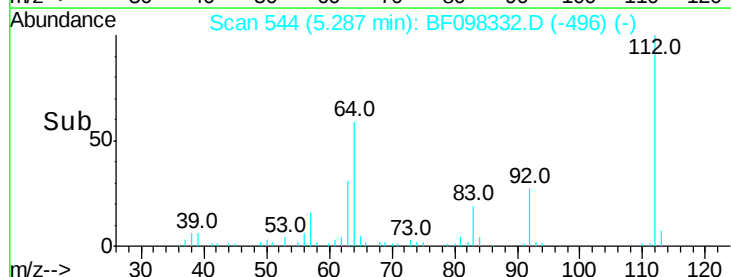
#5

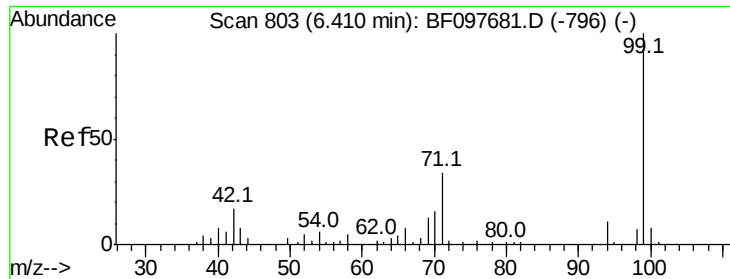
2-Fluorophenol
Concen: 9.330 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098332.D
Acq: 7 Sep 2017 23:54

Tgt Ion:112 Resp: 65677
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 30.9 23.4 35.0



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: 10.731 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098332.D

Acq: 7 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

G58A-0-2.5

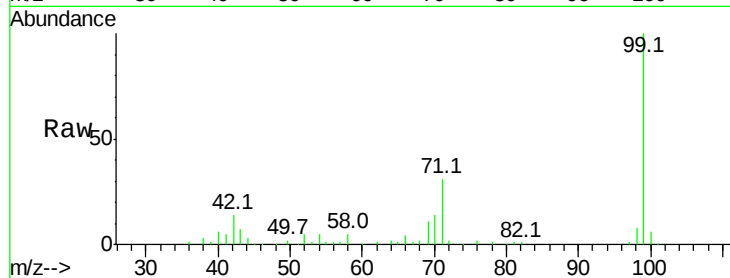
Tot Ion: 99 Resp: 102639

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

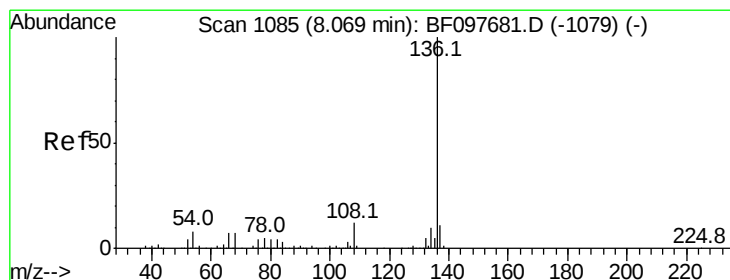
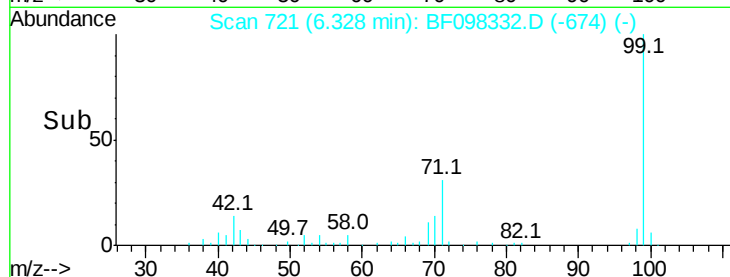
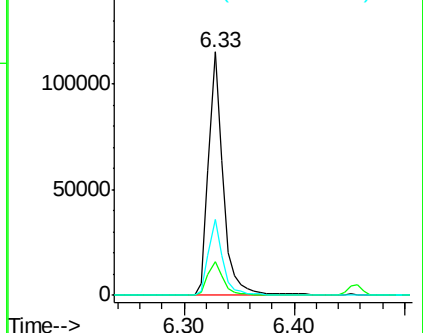
71 31.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098332.D

Acq: 7 Sep 2017 23:54

Tgt Ion: 136 Resp: 405885

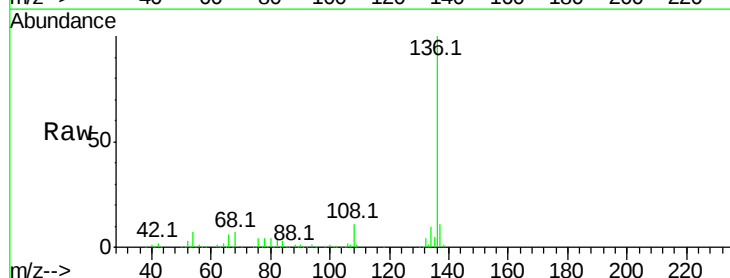
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 7.1 4.1 6.1#

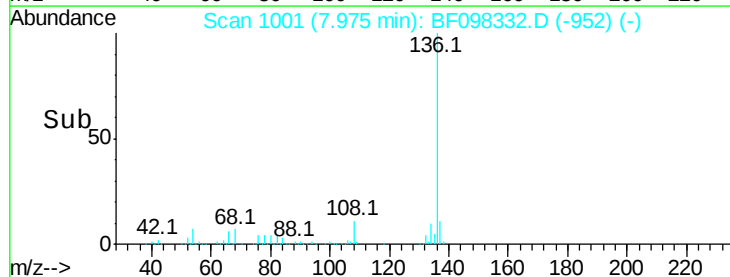
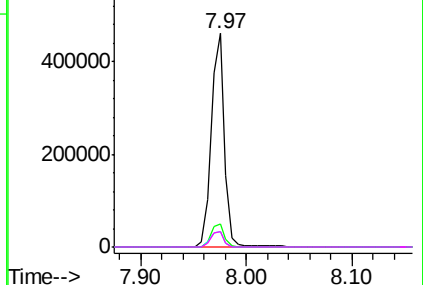


Abundance Ion 136.00 (135.70 to 136.70): E

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

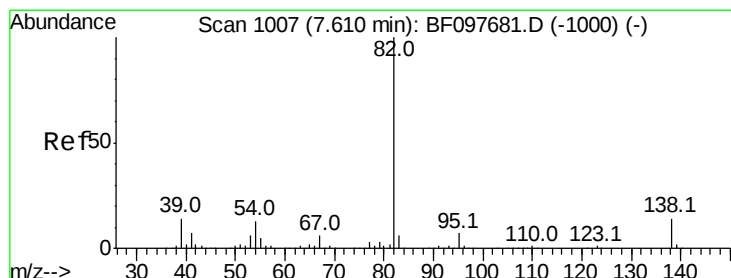
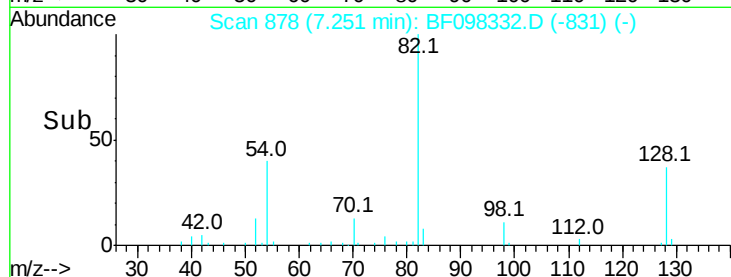
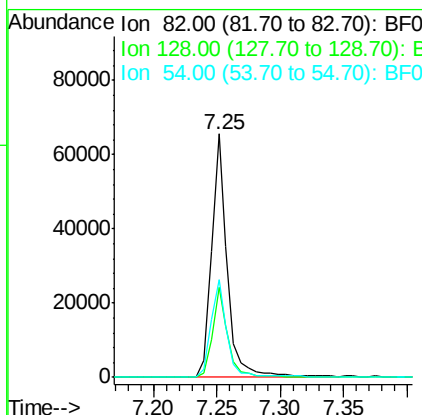
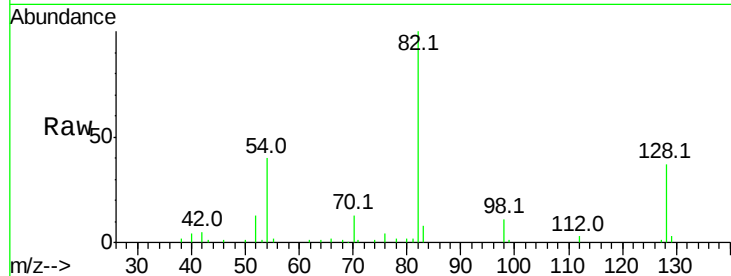




#23
Nitrobenzene-d5
Concen: 7.674 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098332.D
Acq: 7 Sep 2017 23:54

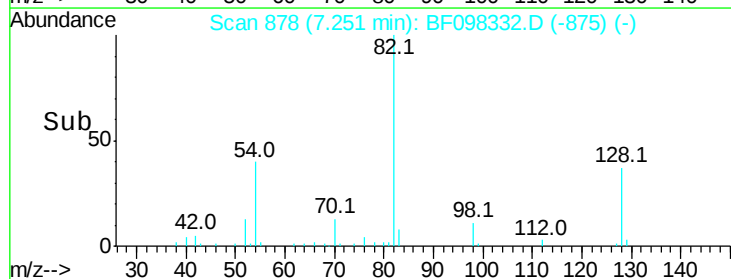
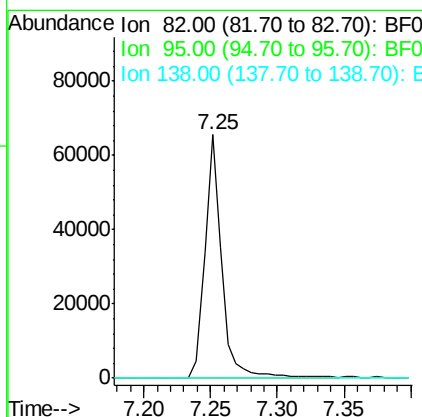
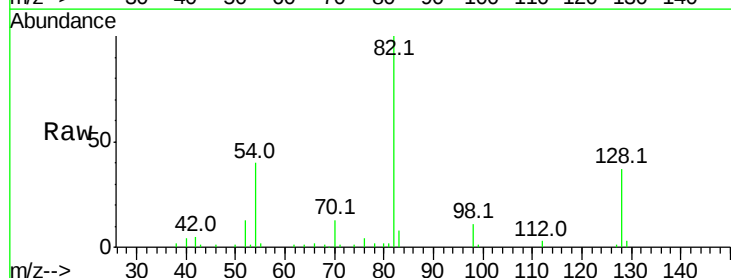
Instrument :
BNA_F
ClientSampleId :
G58A-0-2.5

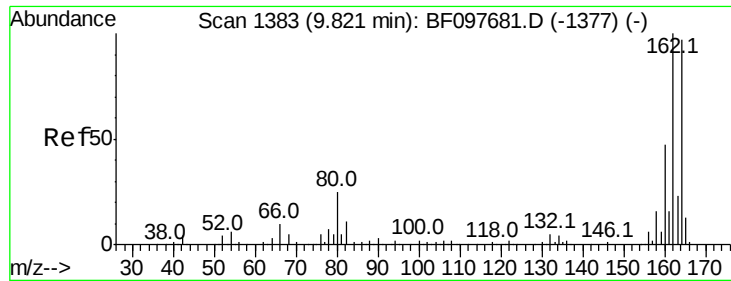
Tot Ion	82	Resp	57336
Ion Ratio	Lower	Upper	
82	100		
128	37.0	34.0	51.0
54	40.1	42.2	63.2#



#25
Isophorone
Concen: 3.690 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098332.D
Acq: 7 Sep 2017 23:54

Tgt Ion	82	Resp	57335
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

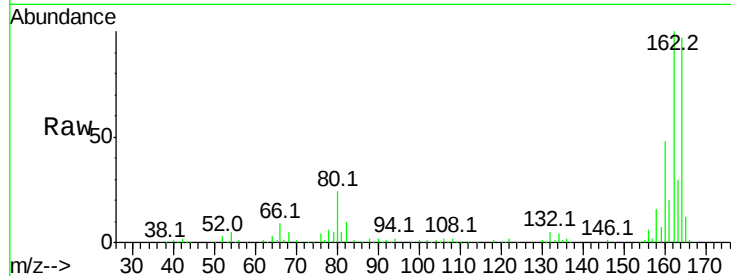




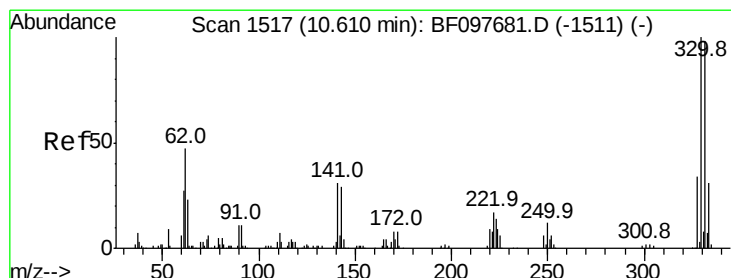
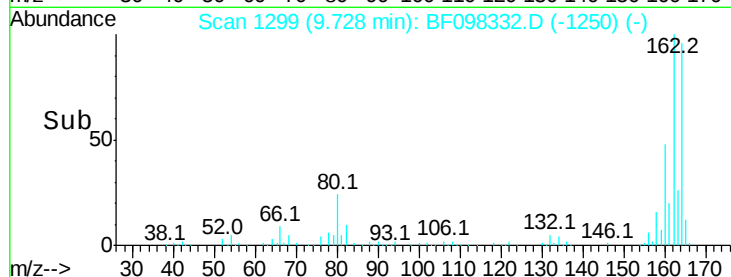
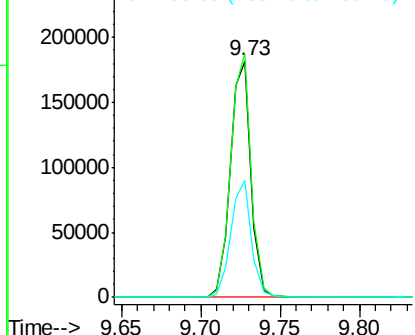
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098332.D
 Acq: 7 Sep 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 G58A-0-2.5

Tot Ion:164 Resp: 162254
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 49.4 36.2 54.2

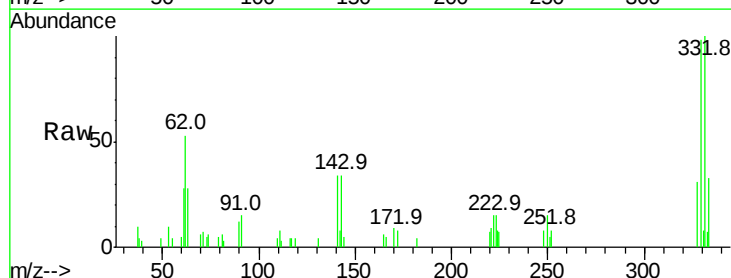


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

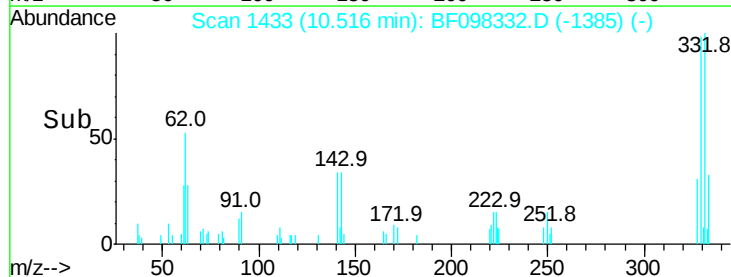
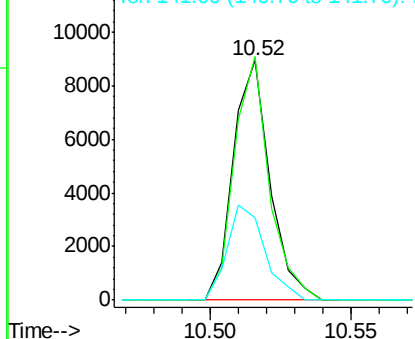


#41
 2,4,6-Tribromophenol
 Concen: 5.742 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098332.D
 Acq: 7 Sep 2017 23:54

Tgt Ion:330 Resp: 8084
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.5 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

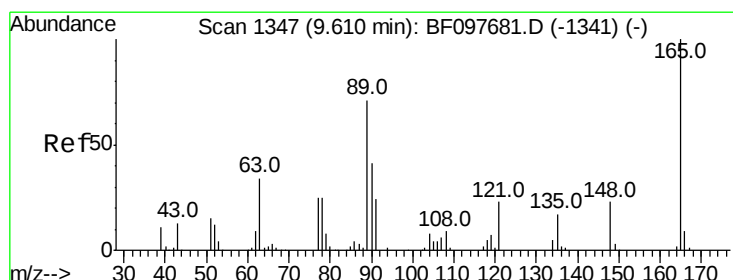
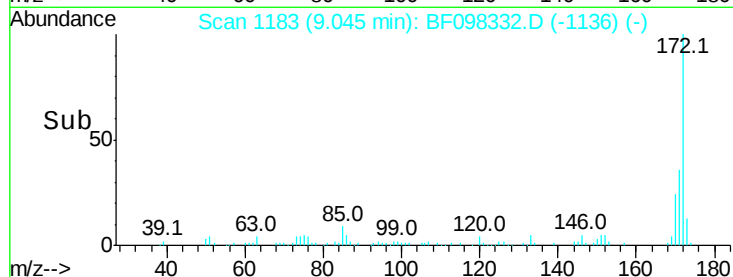
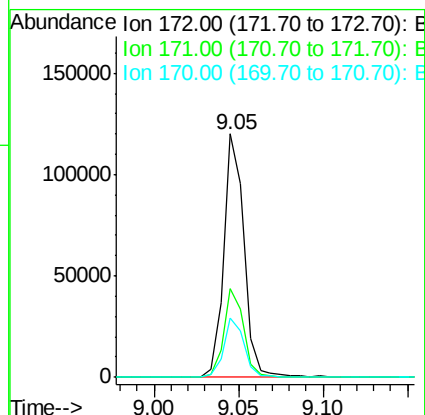
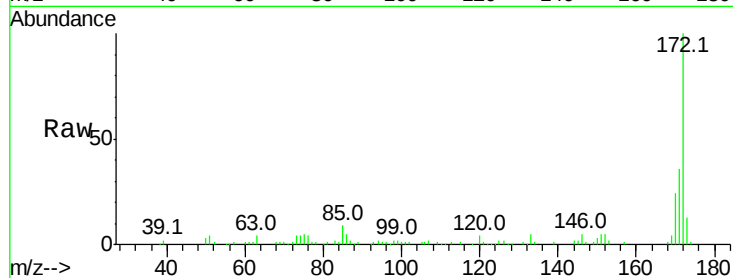




#44
 2-Fluorobiphenyl
 Concen: 9.142 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098332.D
 Acq: 7 Sep 2017 23:54

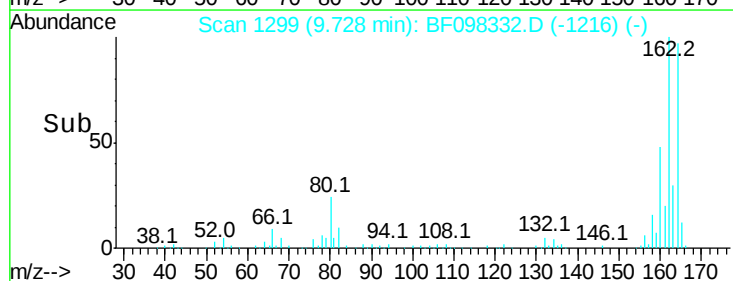
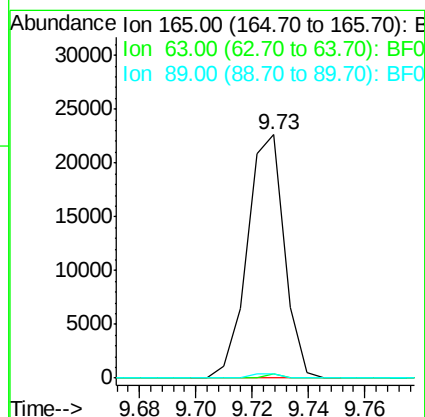
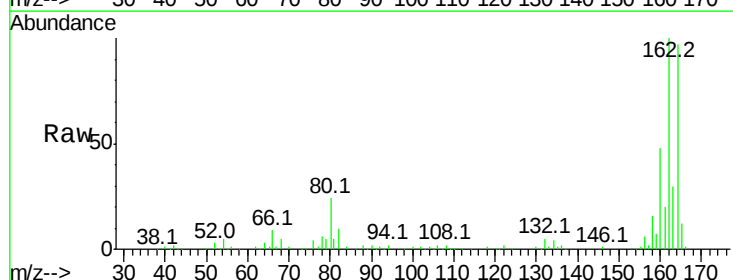
Instrument :
 BNA_F
 ClientSampleId :
 G58A-0-2.5

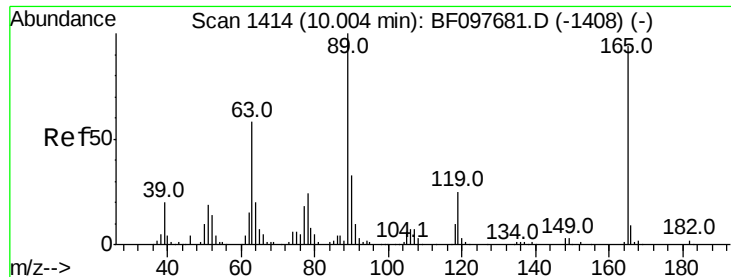
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.656 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF098332.D
 Acq: 7 Sep 2017 23:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.6	37.1	55.7#

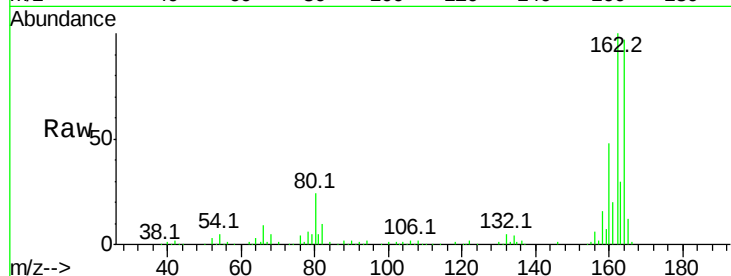




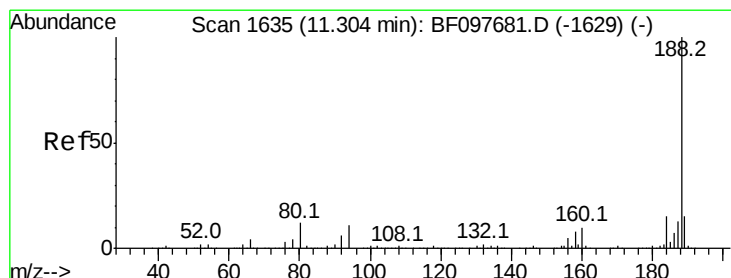
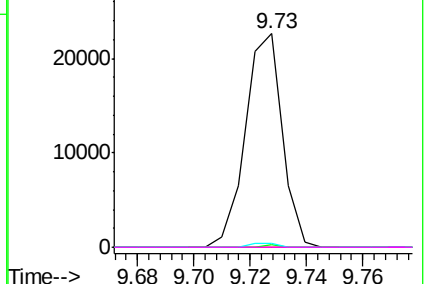
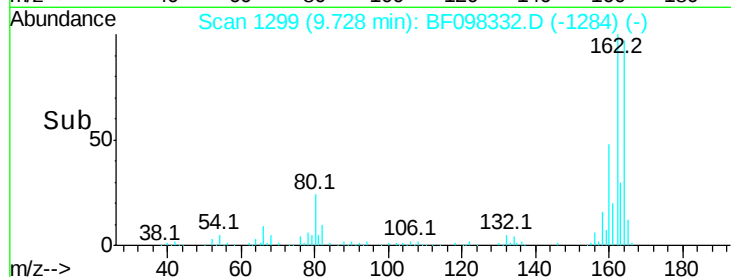
#56
 2,4-Dinitrotoluene
 Concen: 6.897 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098332.D
 Acq: 7 Sep 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 G58A-0-2.5

Tot Ion:165 Resp: 20492
 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#

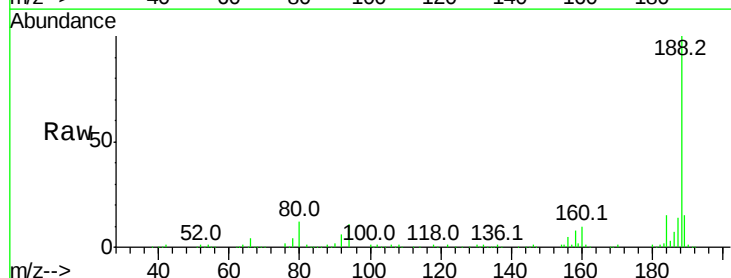


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

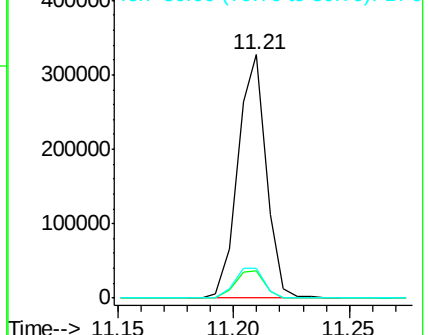
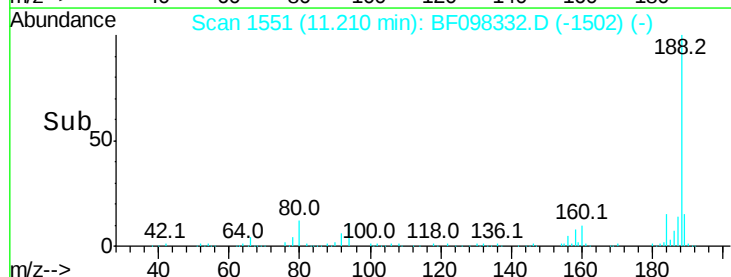


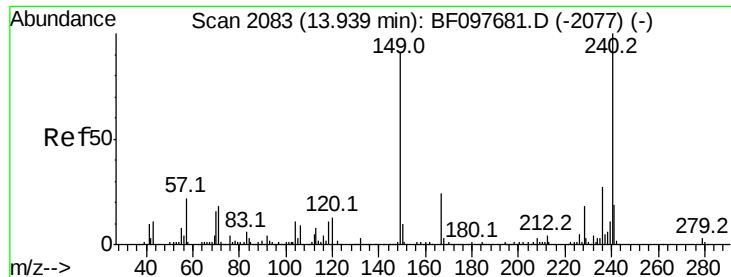
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098332.D
 Acq: 7 Sep 2017 23:54

Tgt Ion:188 Resp: 280435
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 12.1 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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098332.D

Acq: 7 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

G58A-0-2.5

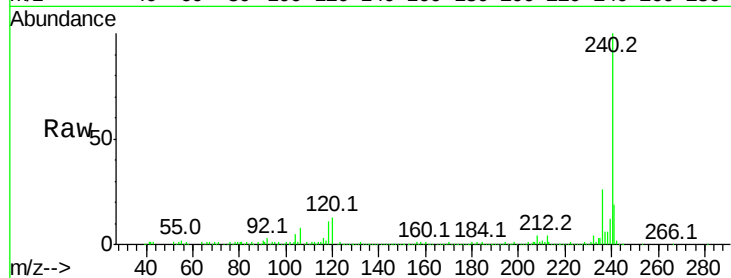
Tot Ion:240 Resp: 238126

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

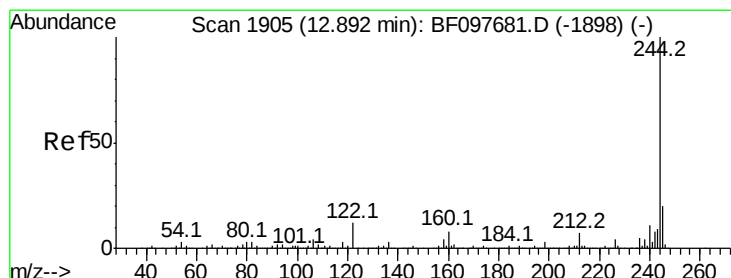
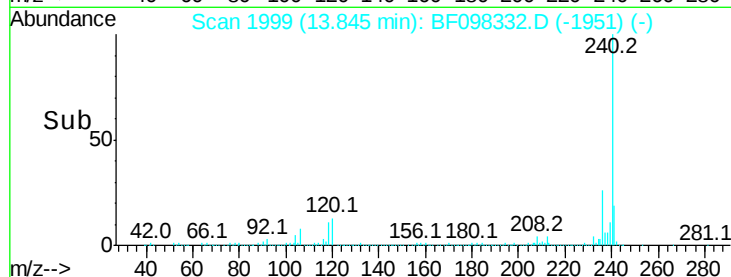
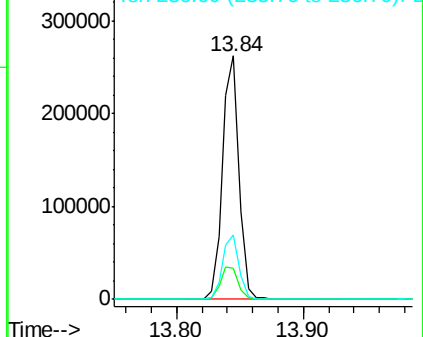
236 26.2 20.5 30.7



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: 6.414 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098332.D

Acq: 7 Sep 2017 23:54

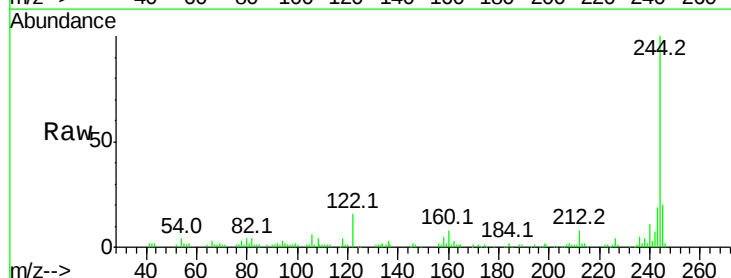
Tgt Ion:244 Resp: 73246

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

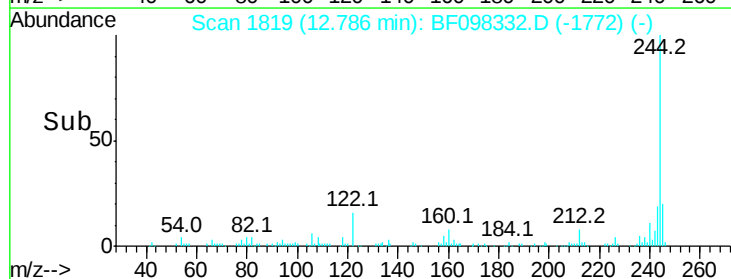
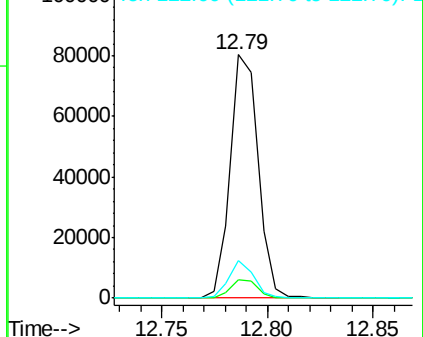
122 15.5 10.3 15.5#

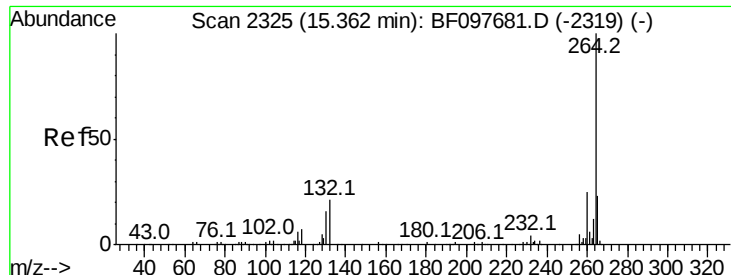


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098332.D
Acq: 7 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
G58A-0-2.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.9	17.2	25.8

