

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098321.D
 Acq On : 7 Sep 2017 18:45
 Operator : SJ/JU
 Sample : I5052-06 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

Quant Time: Sep 08 01:51:36 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

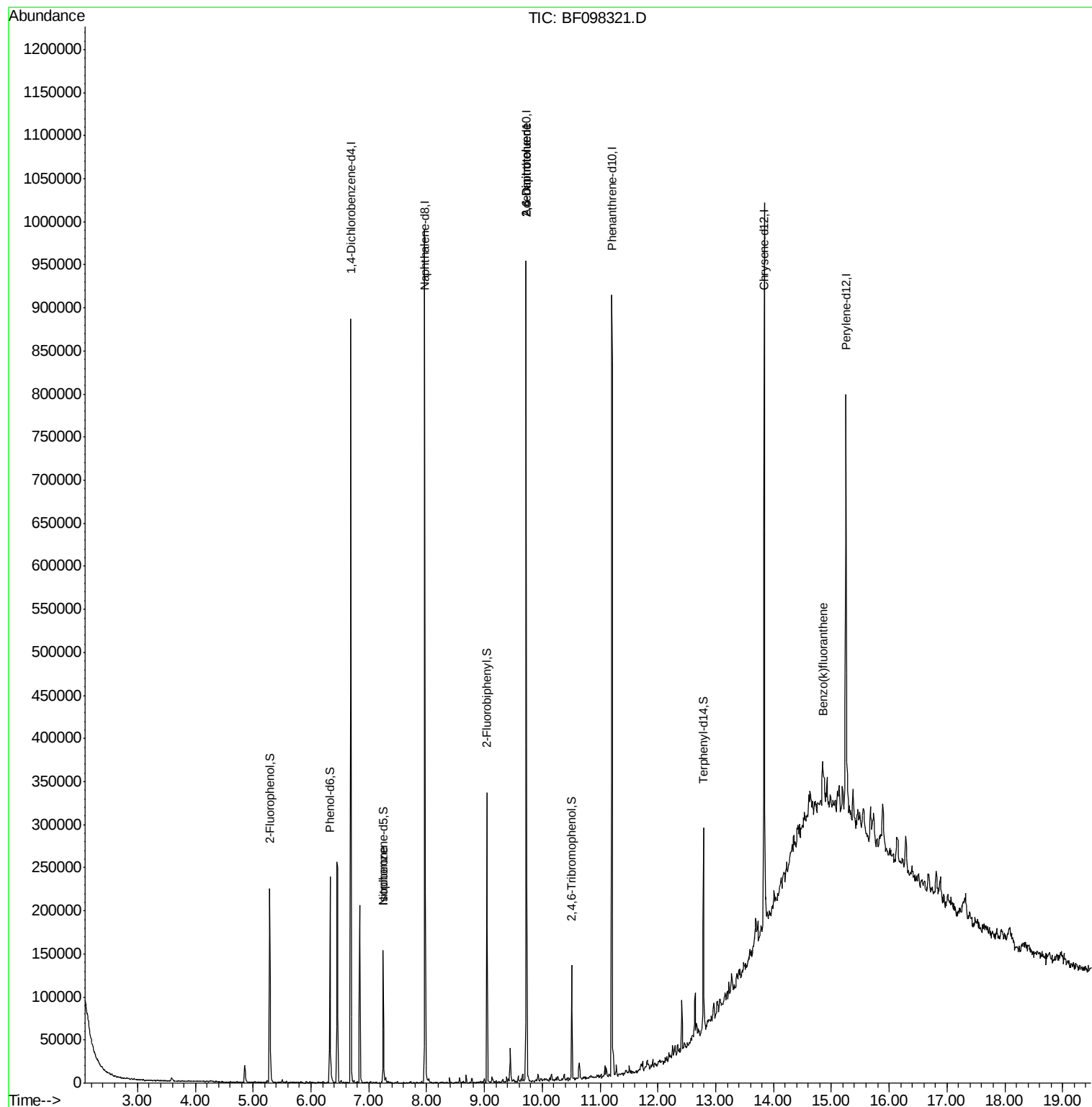
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	116099	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	449150	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	188775	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	320336	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	269356	20.00	ng	-0.02
86) Perylene-d12	15.25	264	199570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	65946	8.64	ng	-0.02
7) Phenol-d6	6.33	99	90308	8.71	ng	-0.02
23) Nitrobenzene-d5	7.25	82	50337	6.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	12344	7.54	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	87433	6.80	ng	-0.02
78) Terphenyl-d14	12.79	244	58702	4.54	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	50336	2.928	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	23546	8.549	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	23546	6.812	ng	# 33
88) Benzo(k)fluoranthene	14.85	252	23711	2.006	ng	# 79

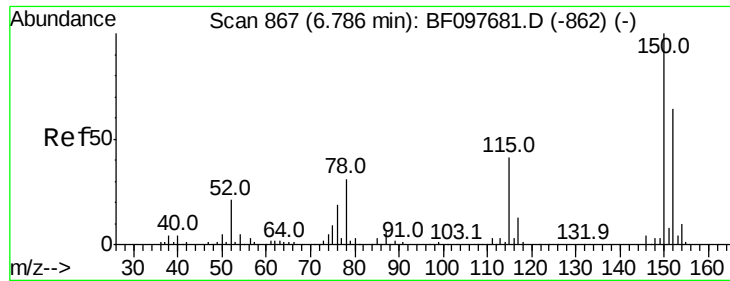
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098321.D
Acq On : 7 Sep 2017 18:45
Operator : SJ/JU
Sample : I5052-06 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G30A-0-3-COMP

Quant Time: Sep 08 01:51:36 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



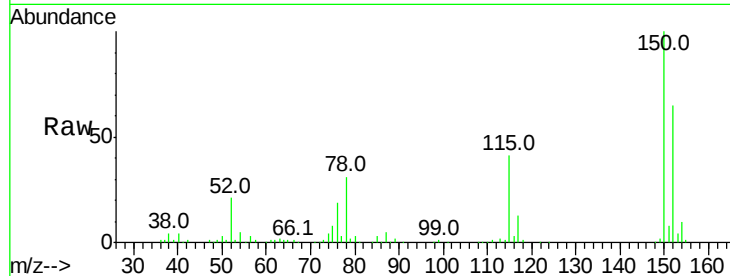


#1

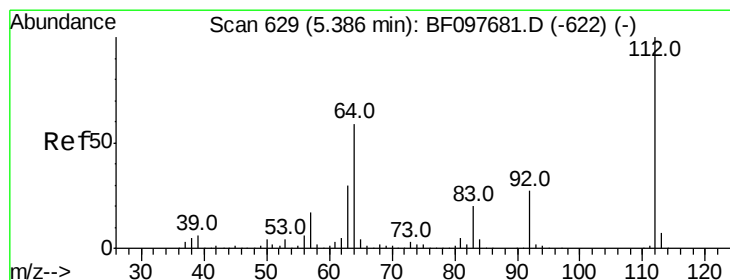
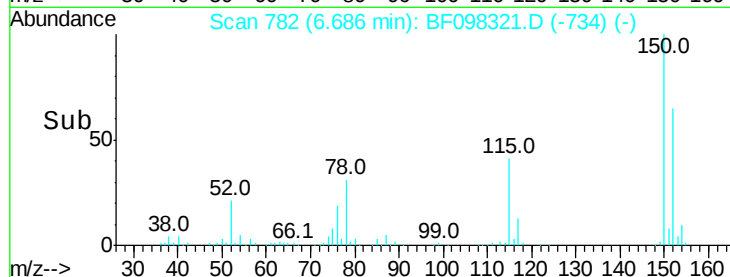
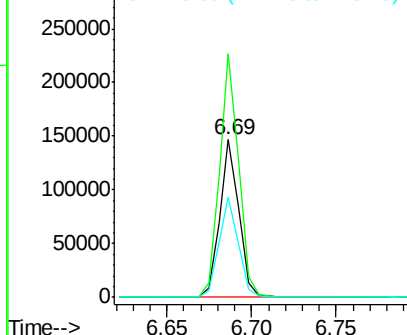
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098321.D
Acq: 7 Sep 2017 18:45

Instrument :
BNA_F
ClientSampleId :
G30A-0-3-COMP

Tot Ion:152 Resp: 116099
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 64.0 52.2 78.2



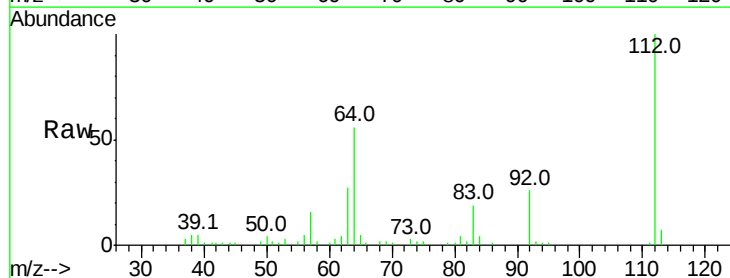
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



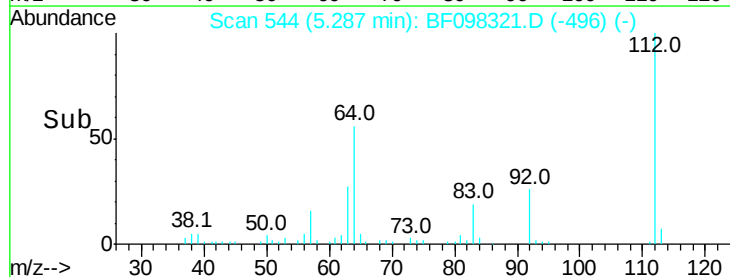
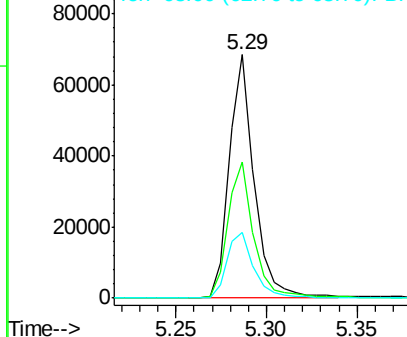
#5

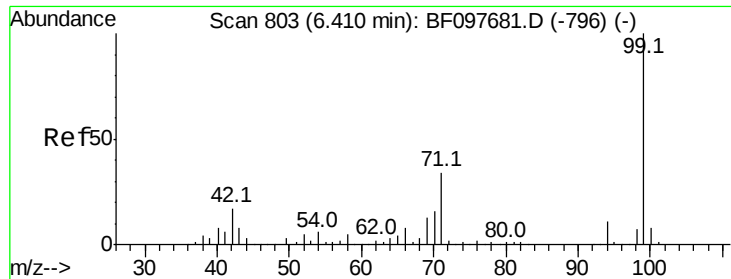
2-Fluorophenol
Concen: 8.640 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098321.D
Acq: 7 Sep 2017 18:45

Tgt Ion:112 Resp: 65946
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 26.8 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: 8.708 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

Instrument :

BNA_F

ClientSampleId :

G30A-0-3-COMP

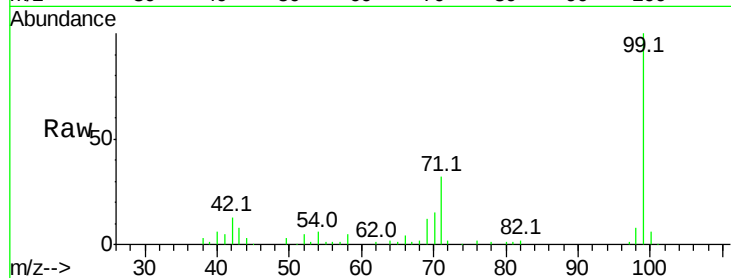
Tot Ion: 99 Resp: 90308

Ion Ratio Lower Upper

99 100

42 13.5 13.5 20.3#

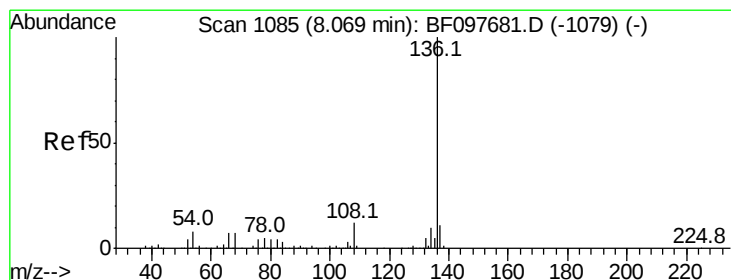
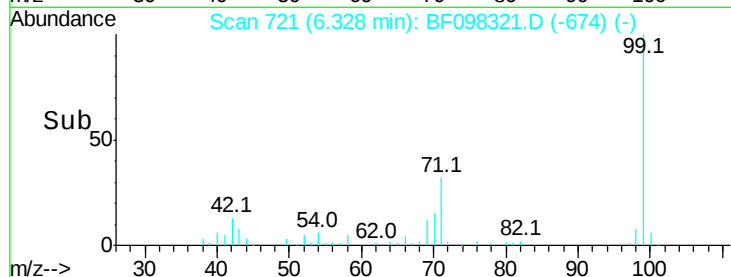
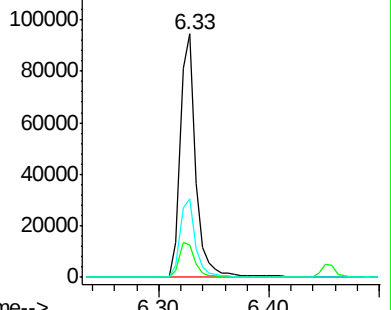
71 32.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

Tgt Ion: 136 Resp: 449150

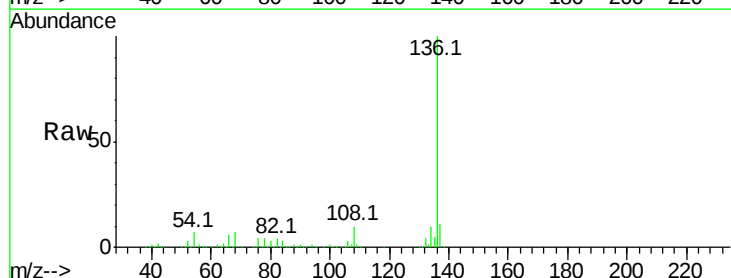
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 6.7 4.1 6.1#

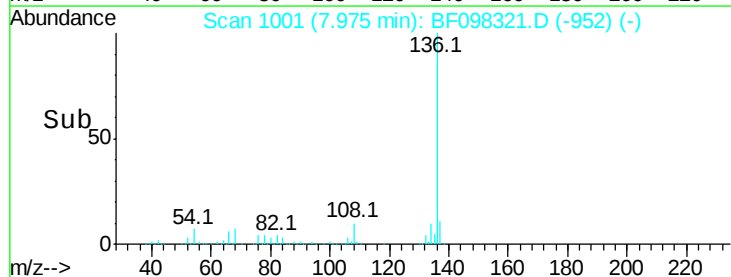
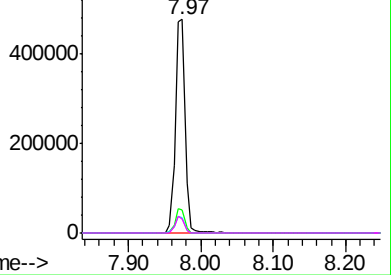


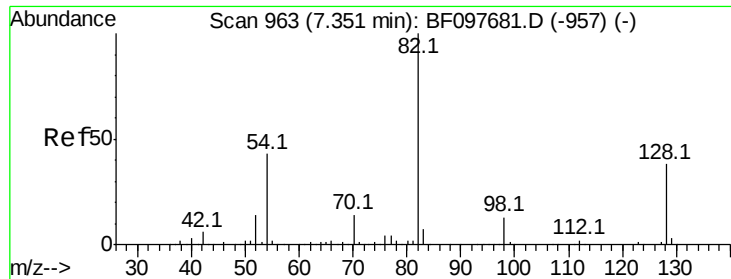
Abundance Ion 136.00 (135.70 to 136.70): E

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

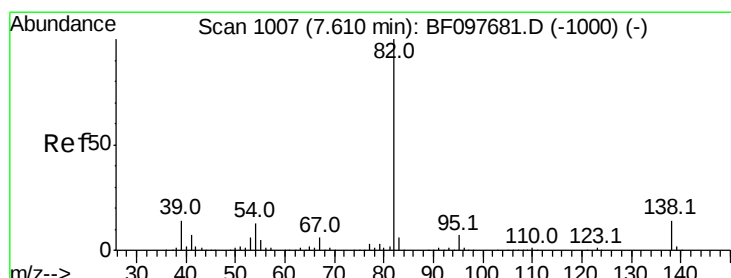
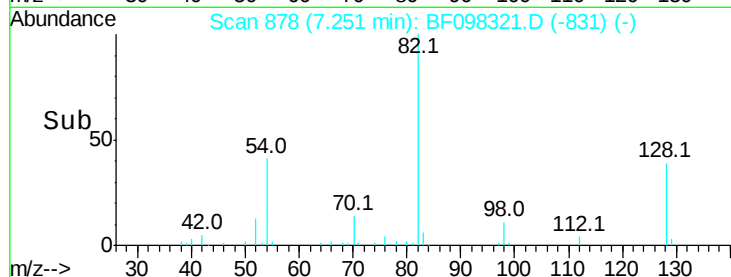
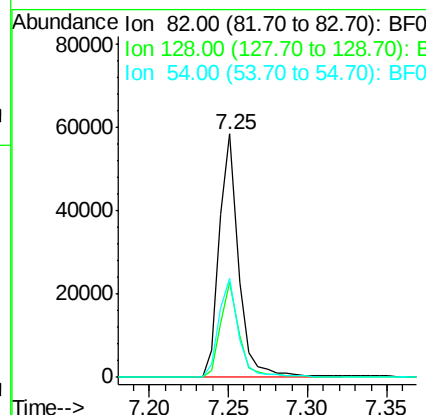
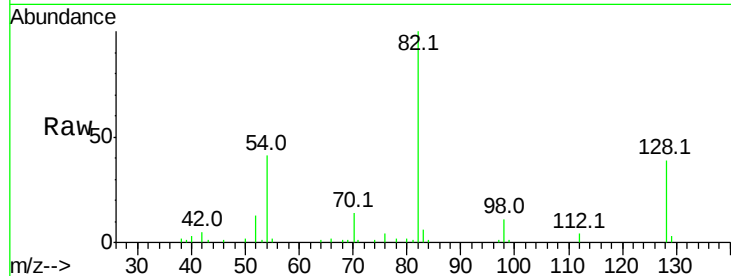




#23
 Nitrobenzene-d5
 Concen: 6.088 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

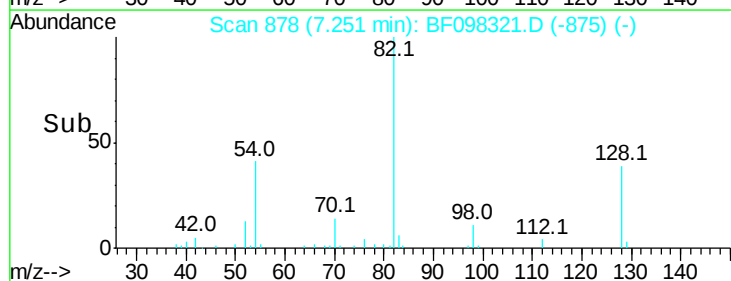
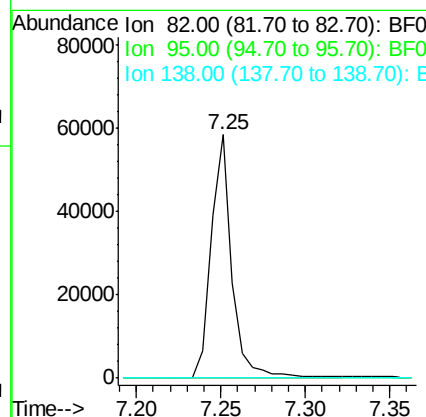
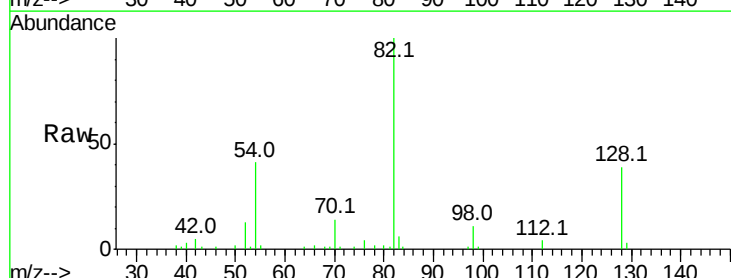
Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

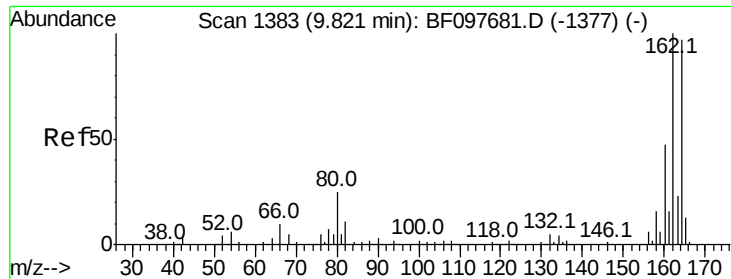
Tot Ion	82	Resp	50337
Ion Ratio	Lower	Upper	
82	100		
128	39.3	34.0	51.0
54	40.7	42.2	63.2#



#25
 Isophorone
 Concen: 2.928 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.28 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion	82	Resp	50336
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

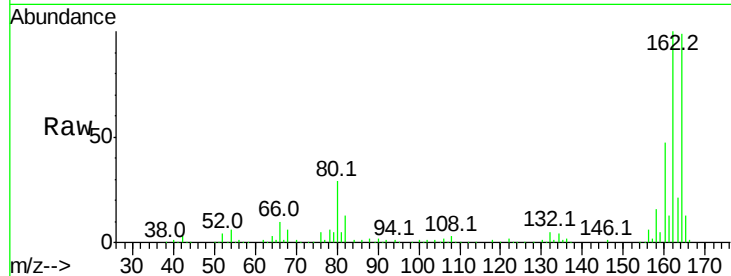




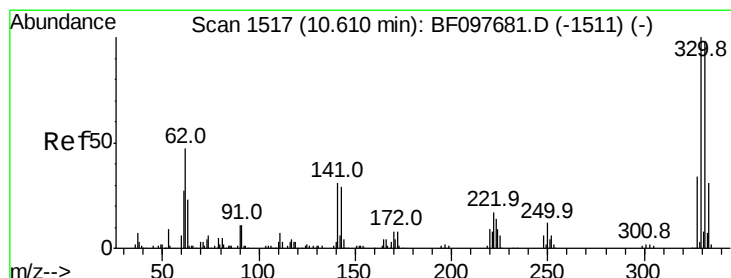
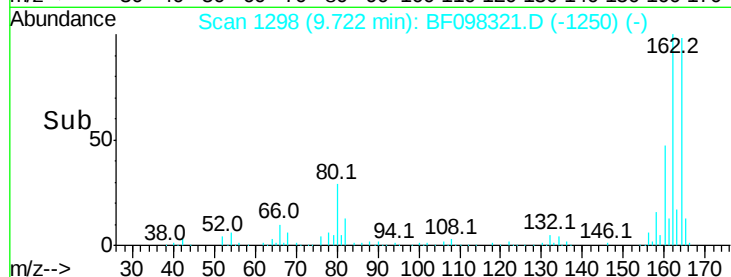
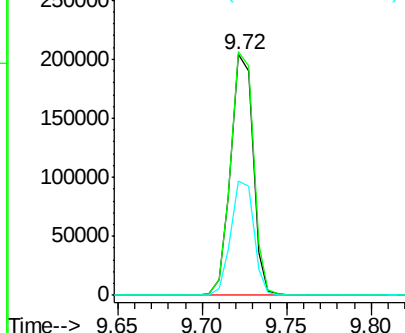
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

Tot Ion:164 Resp: 188775
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 123.8
 160 47.4 36.2 54.2

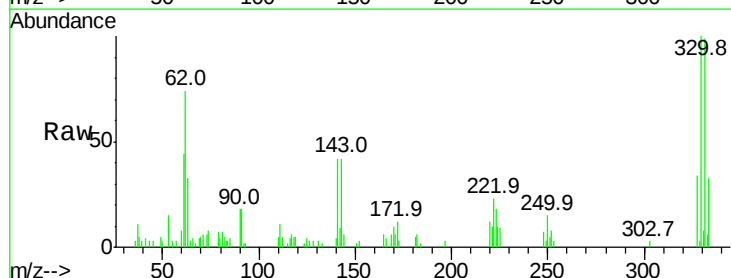


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

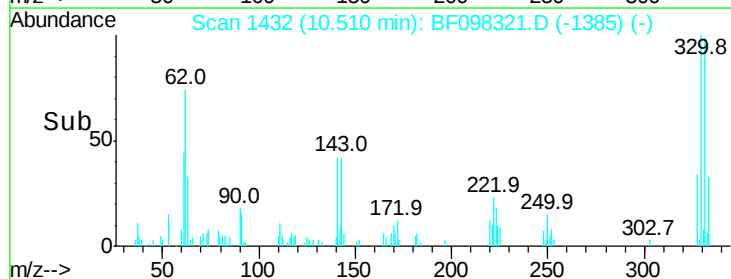
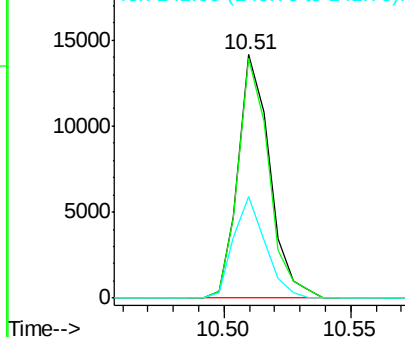


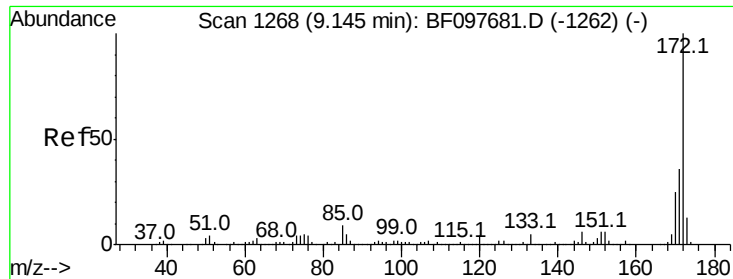
#41
 2,4,6-Tribromophenol
 Concen: 7.536 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion:330 Resp: 12344
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 41.6 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

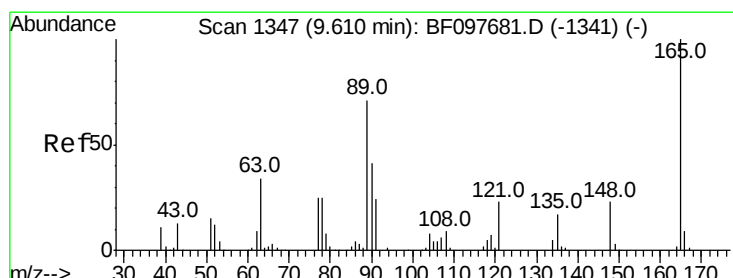
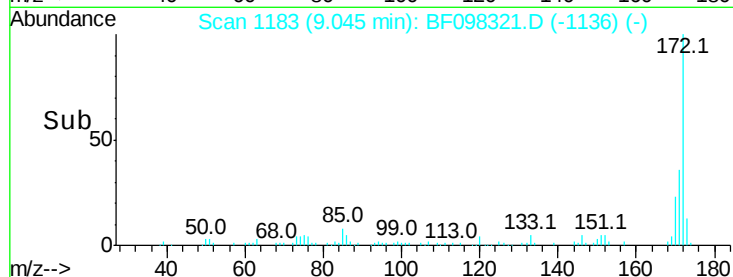
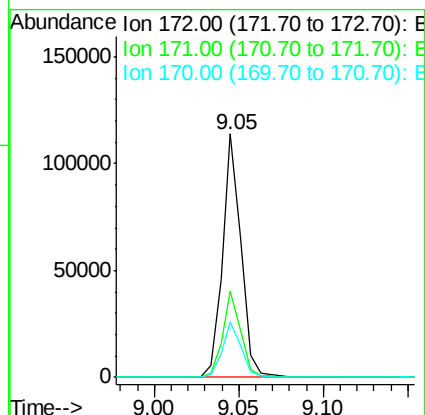
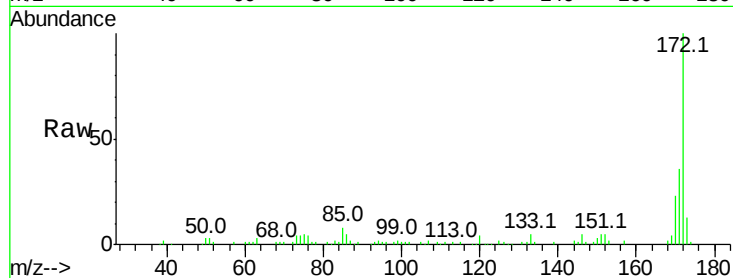




#44
 2-Fluorobiphenyl
 Concen: 6.805 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

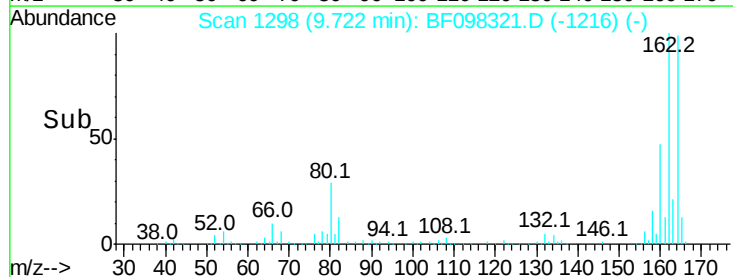
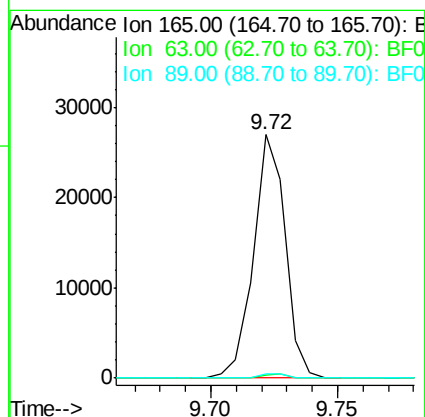
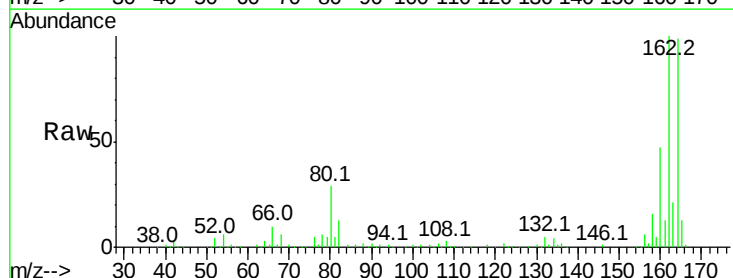
Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

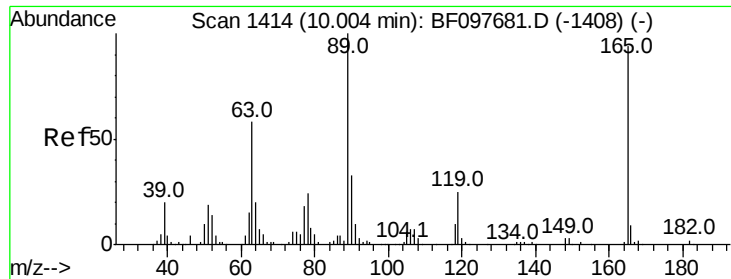
Tot Ion:172 Resp: 87433
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 22.6 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.549 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.18 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion:165 Resp: 23546
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.3 51.5#
 89 1.7 37.1 55.7#

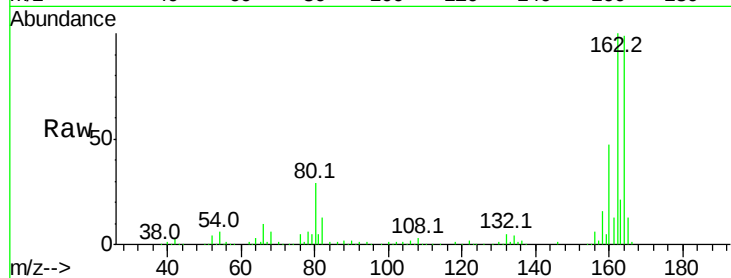




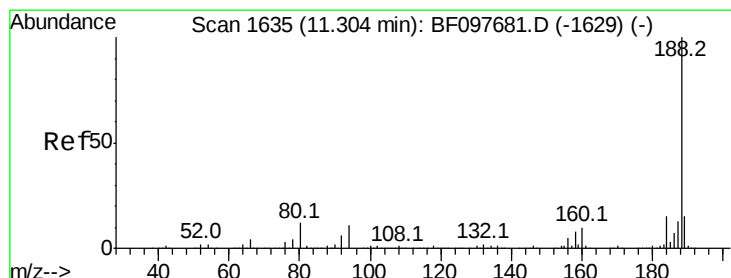
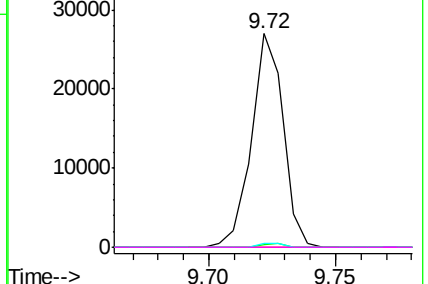
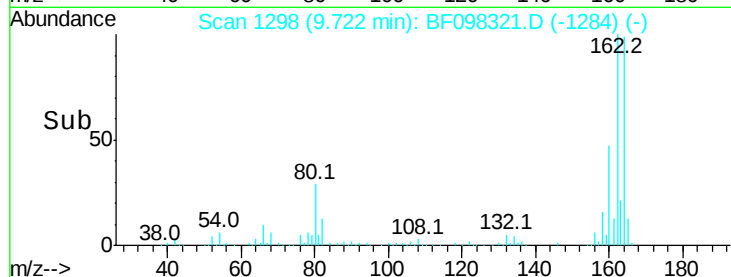
#56
 2,4-Dinitrotoluene
 Concen: 6.812 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

Tot Ion:165 Resp: 23546
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#

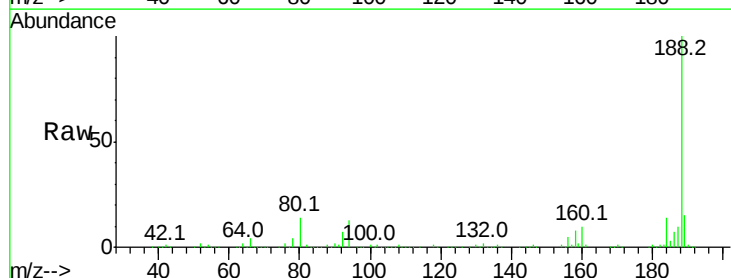


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

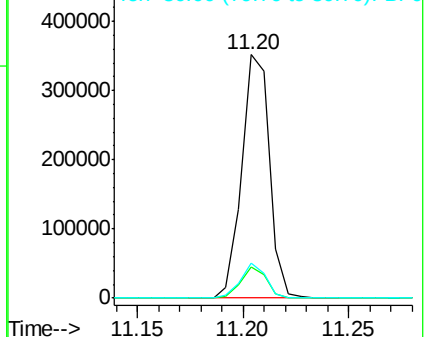
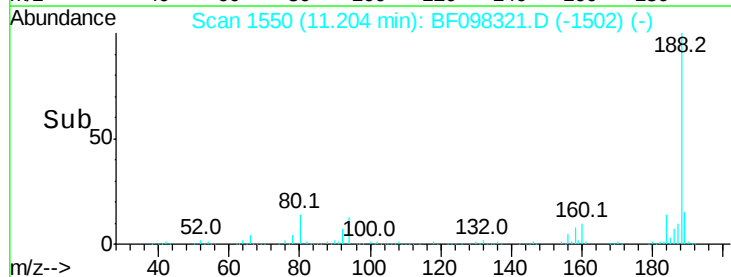


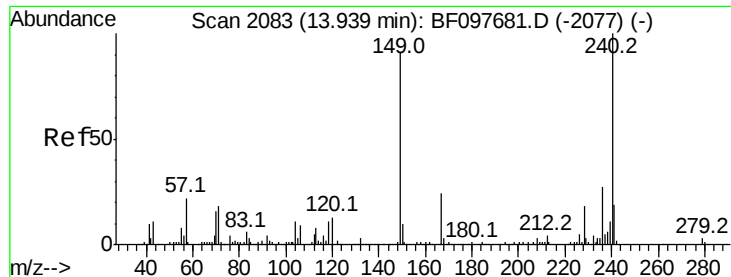
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion:188 Resp: 320336
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 14.3 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# 1998

Delta R.T. -0.02 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

Instrument :

BNA_F

ClientSampleId :

G30A-0-3-COMP

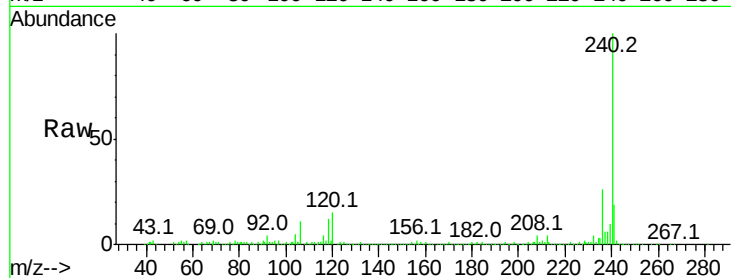
Tot Ion:240 Resp: 269356

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

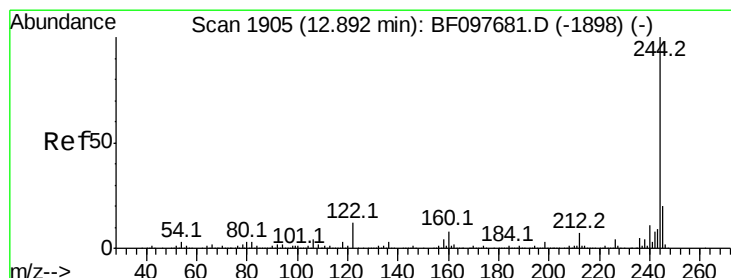
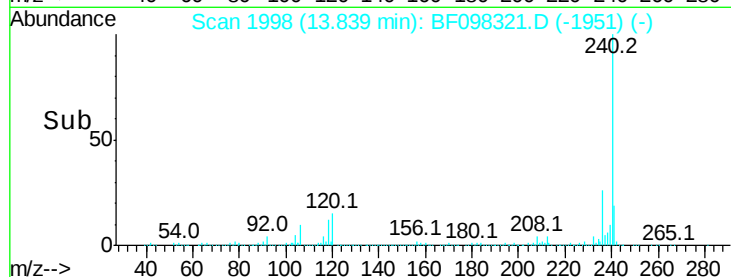
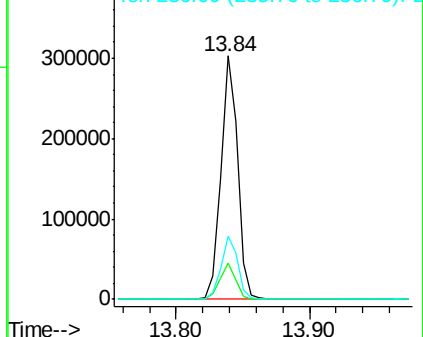
236 26.0 20.5 30.7



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: 4.545 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

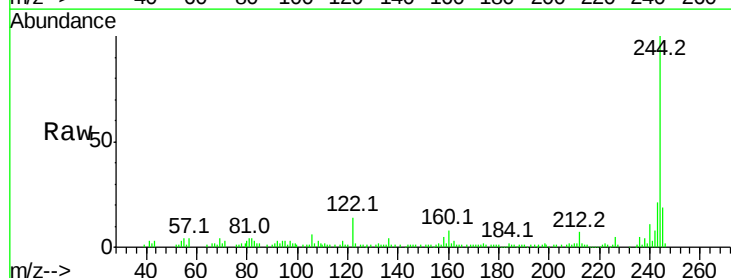
Tgt Ion:244 Resp: 58702

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

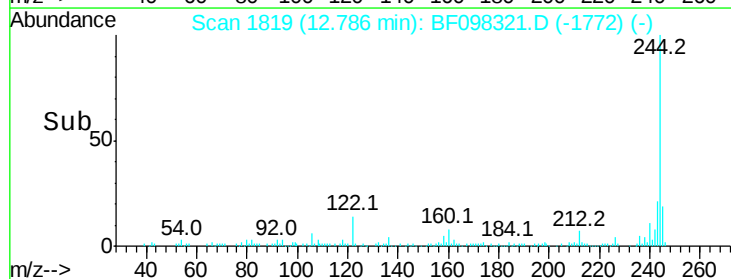
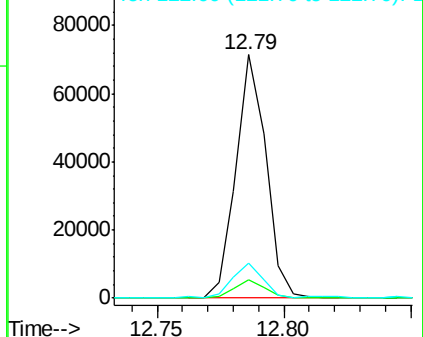
122 14.3 10.3 15.5

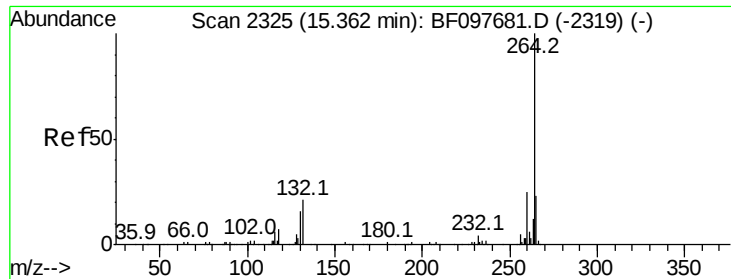


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



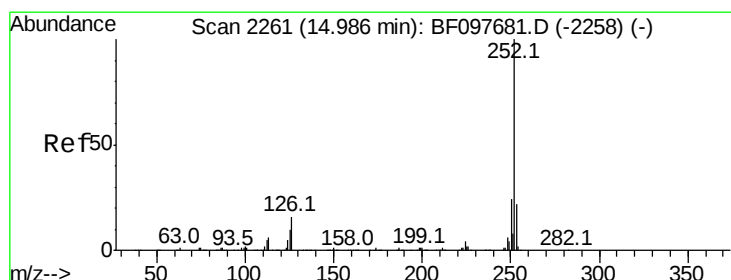
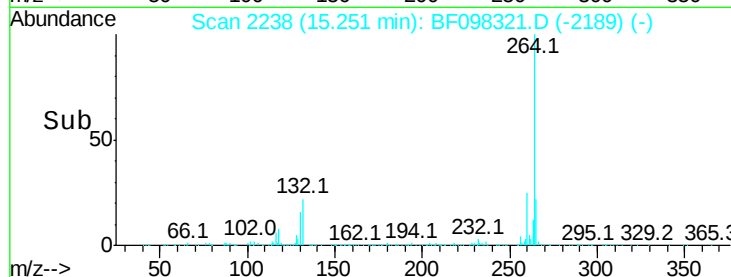
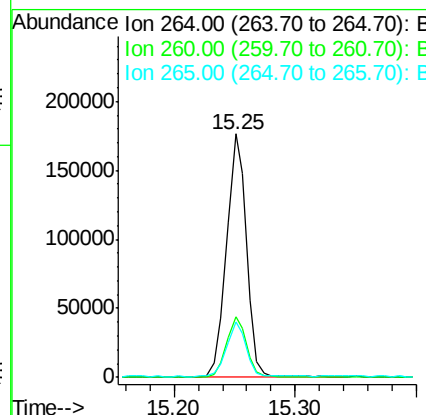
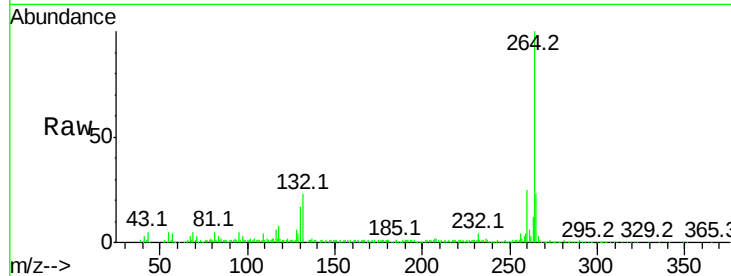


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098321.D
Acq: 7 Sep 2017 18:45

Instrument :
BNA_F
ClientSampleId :
G30A-0-3-COMP

Tot Ion:264 Resp: 199570

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.7	17.2	25.8



#88
Benzo(k)fluoranthene
Concen: 2.006 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.05 min
Lab File: BF098321.D
Acq: 7 Sep 2017 18:45

Tgt Ion:252 Resp: 23711

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.4	27.6#
125	30.8	13.1	19.7#

