

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098320.D
 Acq On : 7 Sep 2017 18:17
 Operator : SJ/JU
 Sample : I5052-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G26A-0-3-COMP

Quant Time: Sep 08 01:51:14 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

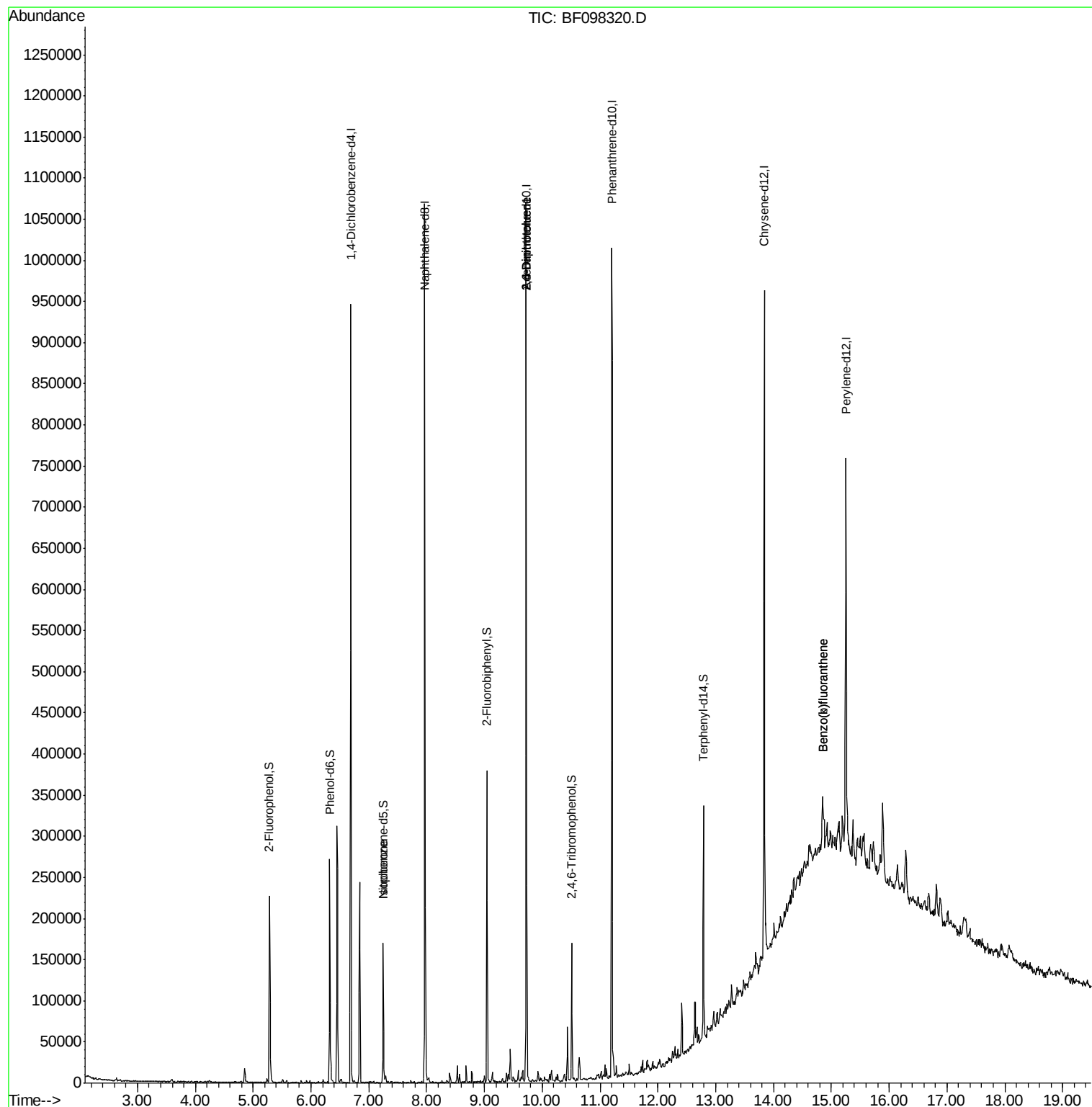
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121231	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	472839	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	202814	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	350029	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	262549	20.00	ng	-0.02
86) Perylene-d12	15.25	264	202435	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	73022	9.16	ng	-0.02
7) Phenol-d6	6.33	99	103683	9.57	ng	-0.02
23) Nitrobenzene-d5	7.25	82	58827	6.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	15258	8.67	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	101078	7.32	ng	-0.02
78) Terphenyl-d14	12.79	244	69731	5.54	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	58827	3.250	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	25836	8.731	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	25836	6.957	ng	# 33
87) Benzo(b)fluoranthene	14.85	252	31552	2.473	ng	# 81
88) Benzo(k)fluoranthene	14.85	252	31552	2.632	ng	# 85

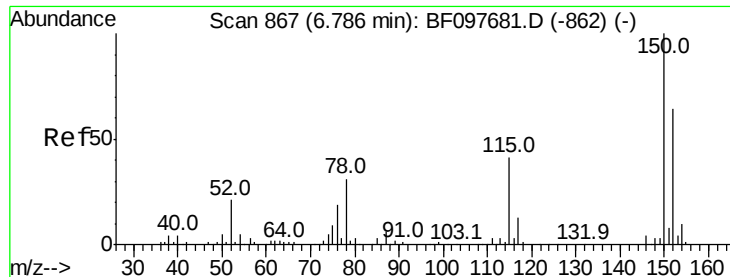
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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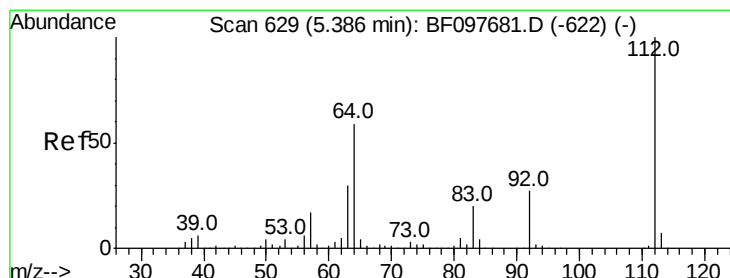
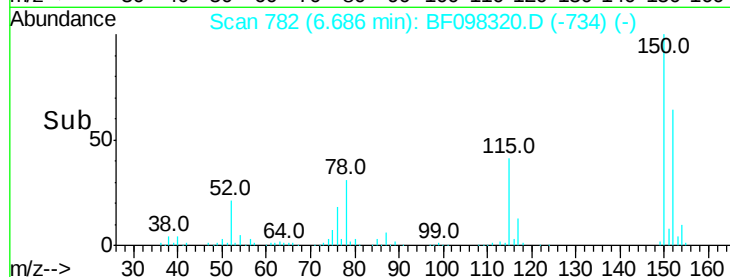
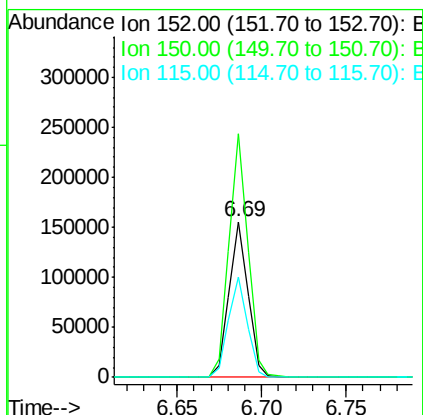
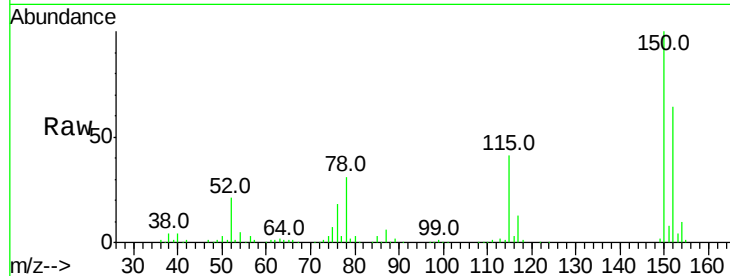


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 G26A-0-3-COMP

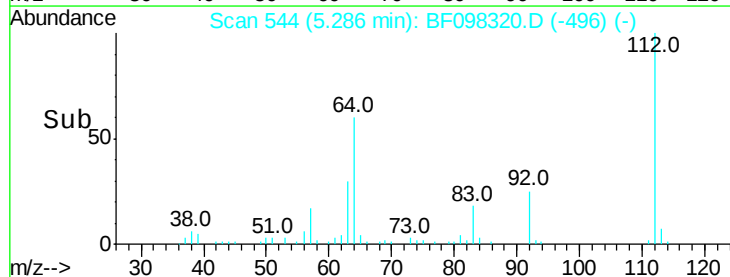
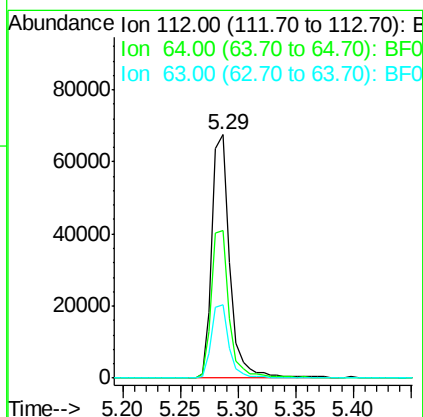
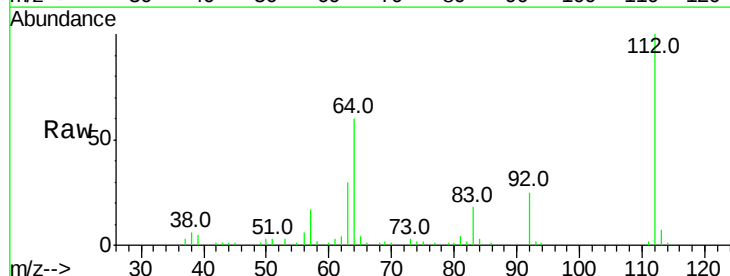
Tot Ion:152 Resp: 121231
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 64.2 52.2 78.2

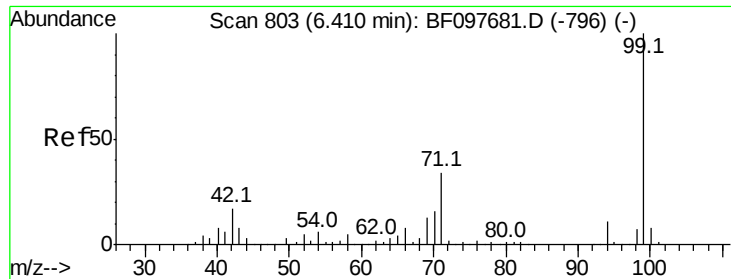


#5

2-Fluorophenol
 Concen: 9.162 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

Tgt Ion:112 Resp: 73022
 Ion Ratio Lower Upper
 112 100
 64 60.4 46.0 69.0
 63 30.3 23.4 35.0





#7

Phenol-d6

Concen: 9.575 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098320.D

Acq: 7 Sep 2017 18:17

Instrument :

BNA_F

ClientSampleId :

G26A-0-3-COMP

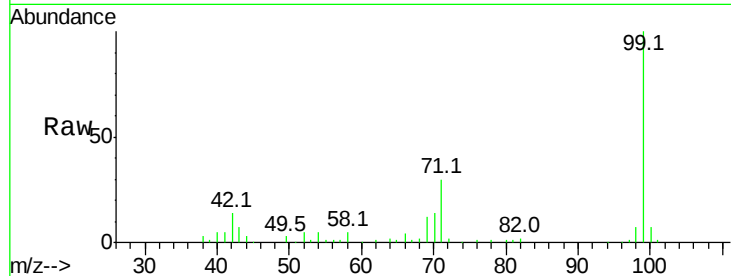
Tot Ion: 99 Resp: 103683

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

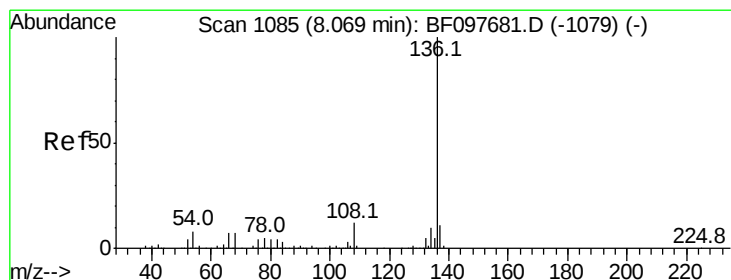
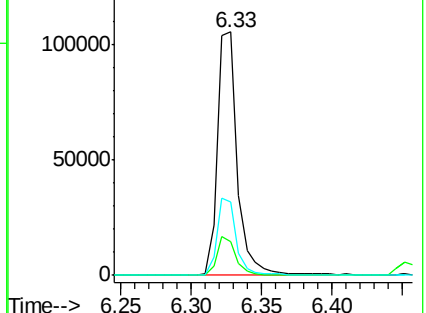
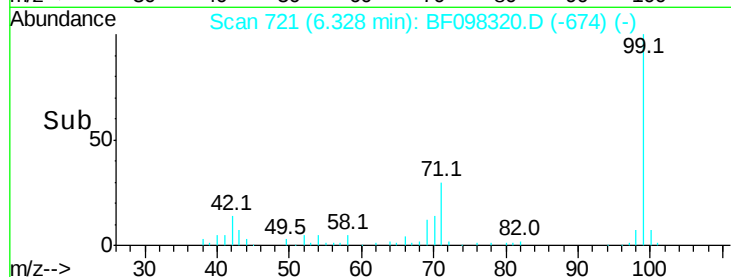
71 30.1 24.5 36.7



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# 1000

Delta R.T. -0.02 min

Lab File: BF098320.D

Acq: 7 Sep 2017 18:17

Tgt Ion: 136 Resp: 472839

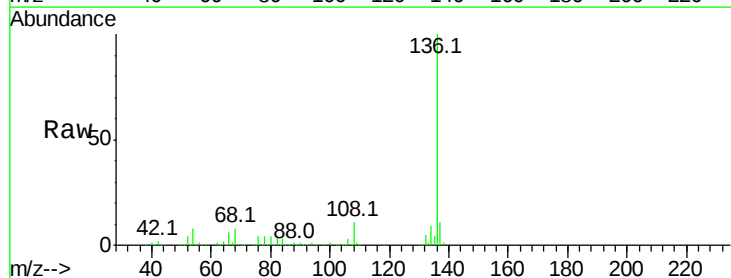
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.2 4.9 7.3#

68 8.1 4.1 6.1#

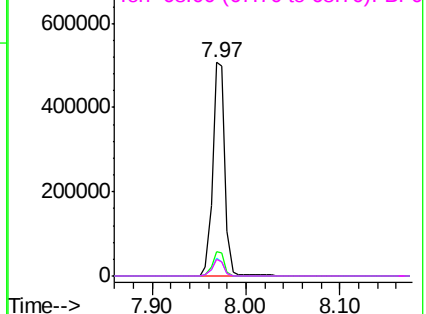
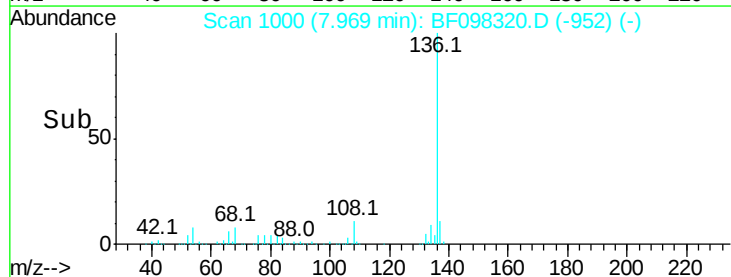


Abundance Ion 136.00 (135.70 to 136.70): E

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

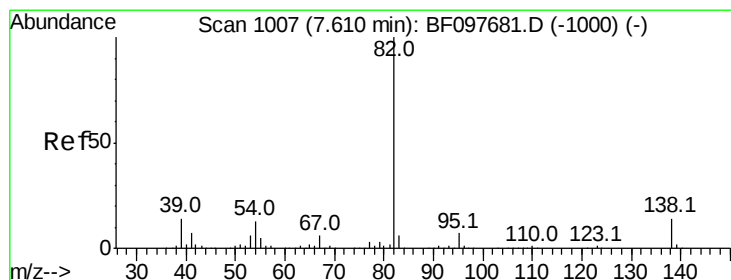
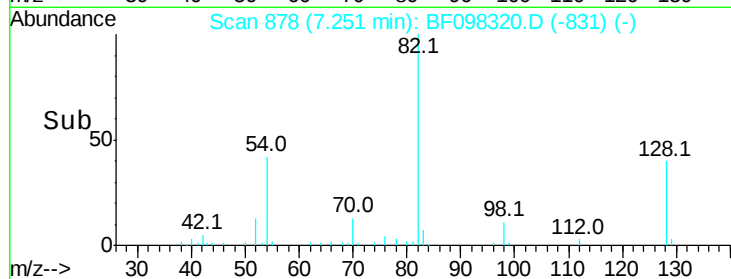
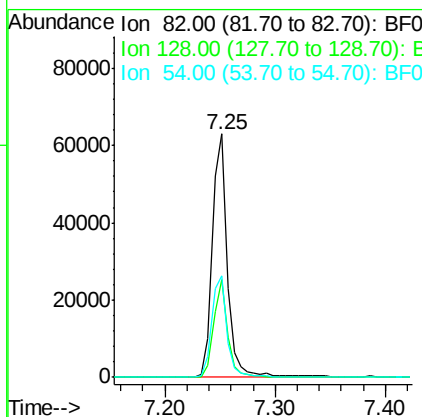
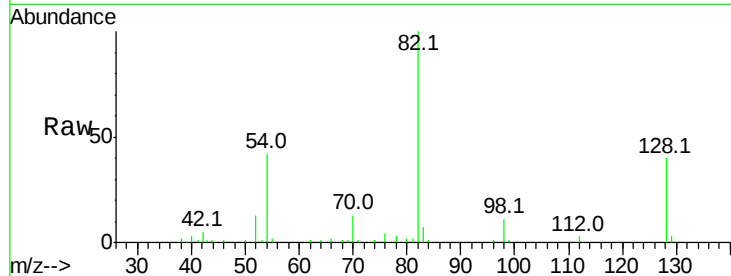




#23
 Nitrobenzene-d5
 Concen: 6.759 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

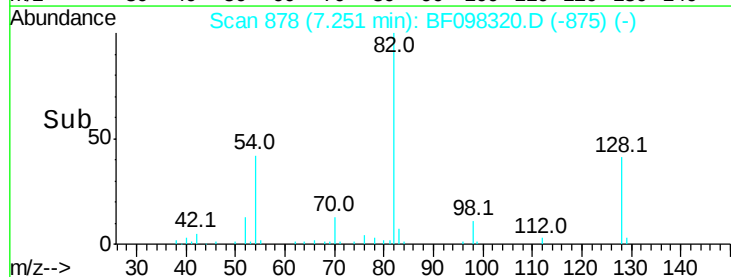
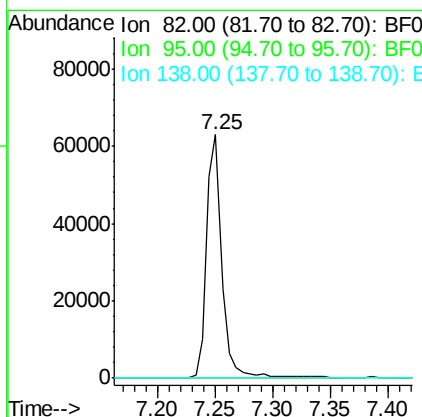
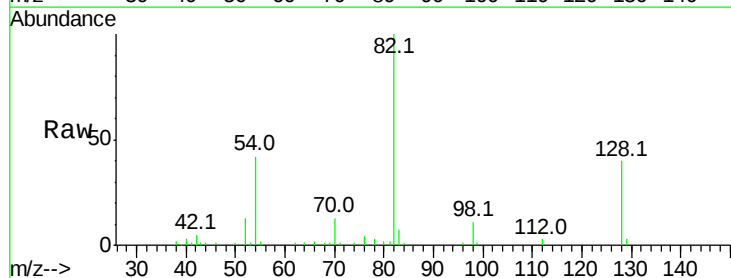
Instrument :
 BNA_F
 ClientSampleId :
 G26A-0-3-COMP

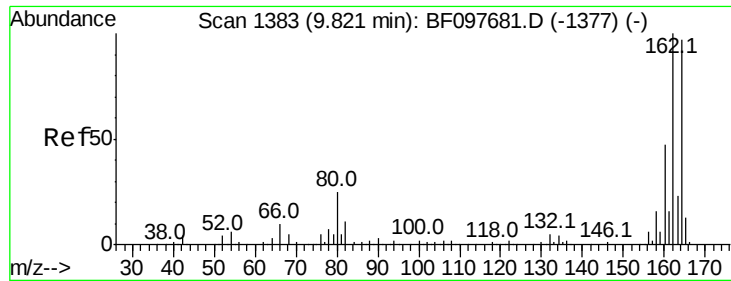
Tot Ion	82	Resp	58827
Ion Ratio	Lower	Upper	
82	100		
128	40.3	34.0	51.0
54	41.9	42.2	63.2#



#25
 Isophorone
 Concen: 3.250 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.28 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

Tgt Ion	82	Resp	58827
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

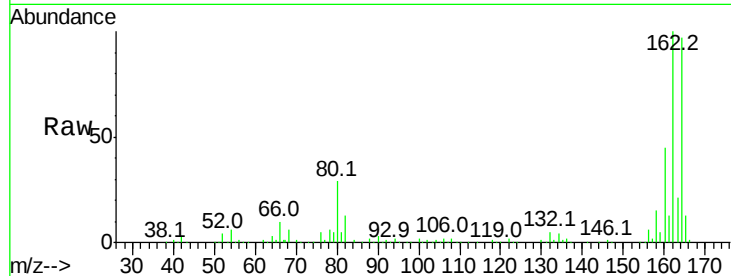




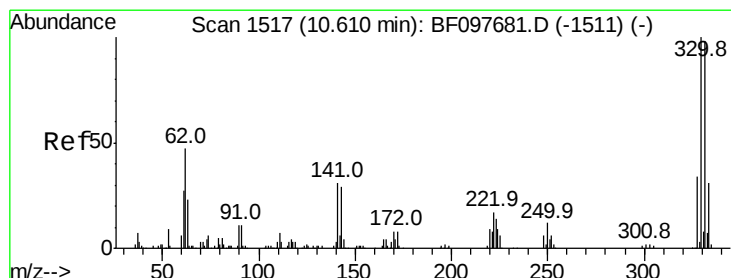
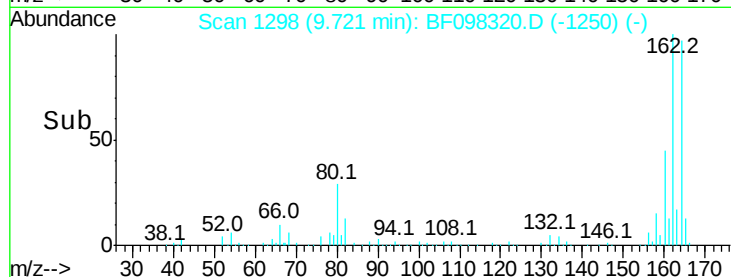
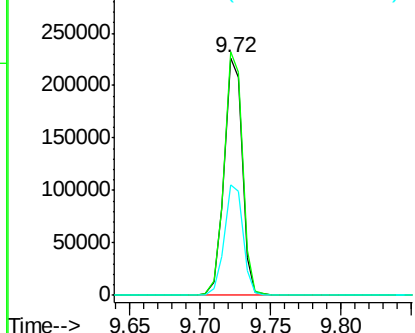
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098320.D
Acq: 7 Sep 2017 18:17

Instrument :
BNA_F
ClientSampleId :
G26A-0-3-COMP

Tot Ion:164 Resp: 202814
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 46.6 36.2 54.2

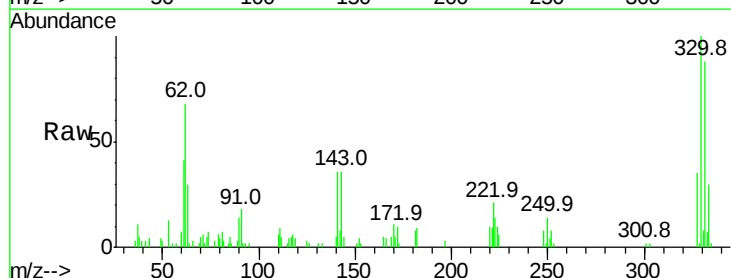


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

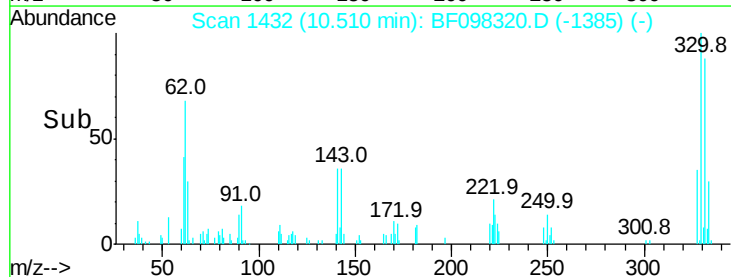
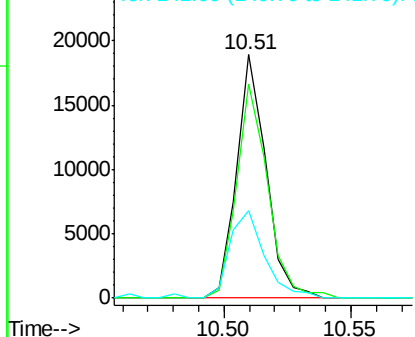


#41
2,4,6-Tribromophenol
Concen: 8.671 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098320.D
Acq: 7 Sep 2017 18:17

Tgt Ion:330 Resp: 15258
Ion Ratio Lower Upper
330 100
332 92.6 76.6 115.0
141 43.5 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

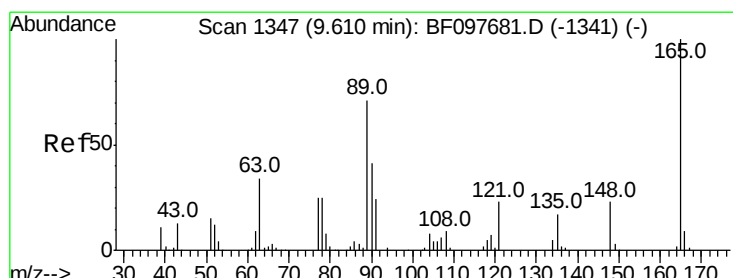
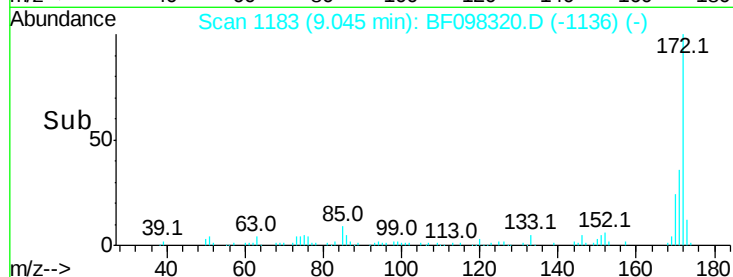
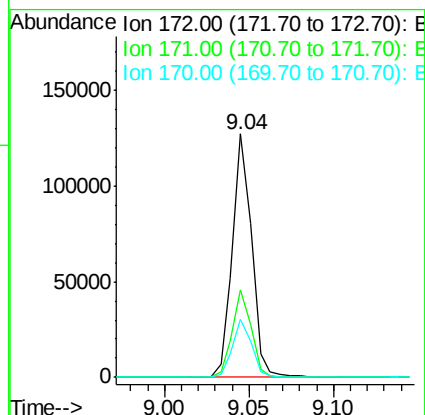
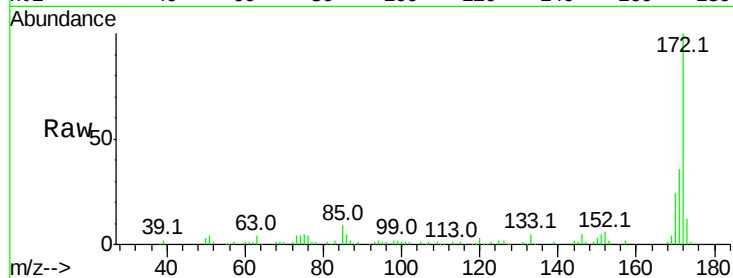




#44
 2-Fluorobiphenyl
 Concen: 7.322 ng
 RT: 9.04 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

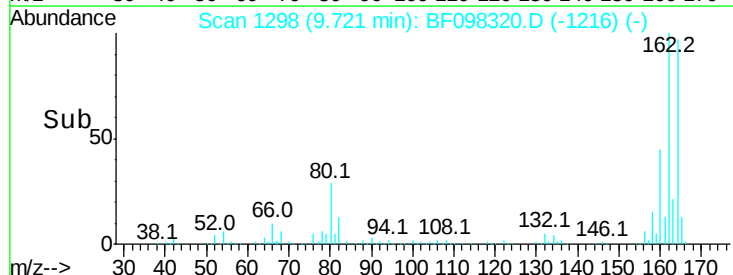
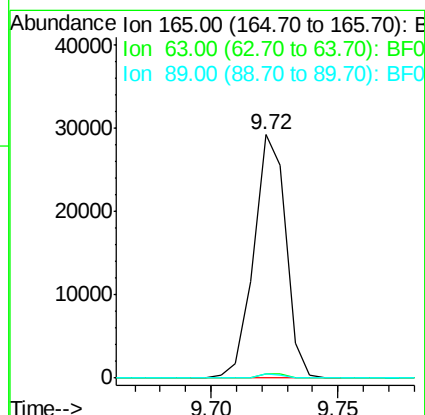
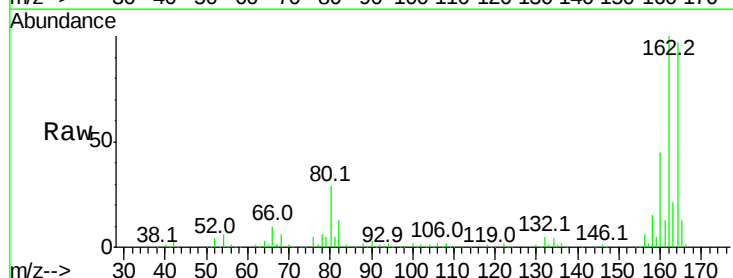
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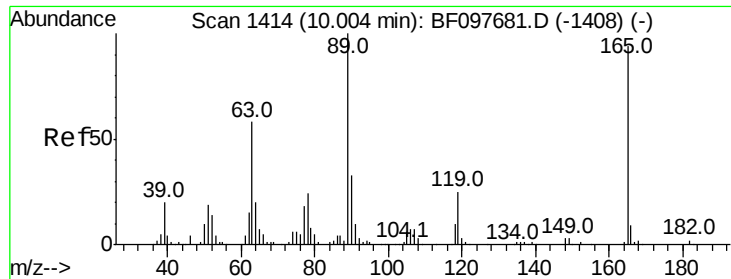
Tot Ion:172 Resp: 101078
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.731 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.18 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

Tgt Ion:165 Resp: 25836
 Ion Ratio Lower Upper
 165 100
 63 1.6 34.3 51.5#
 89 1.8 37.1 55.7#

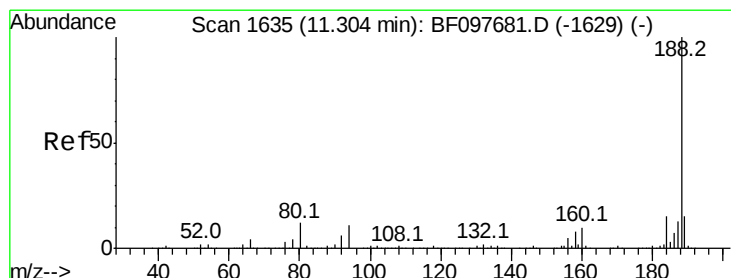
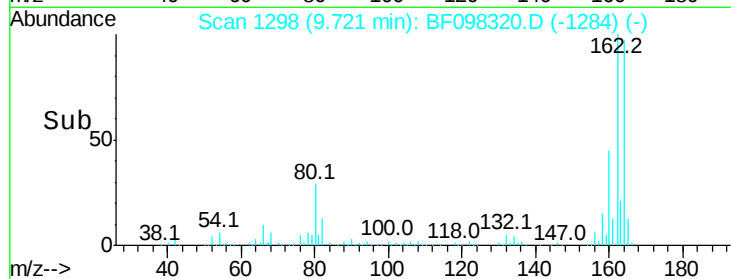
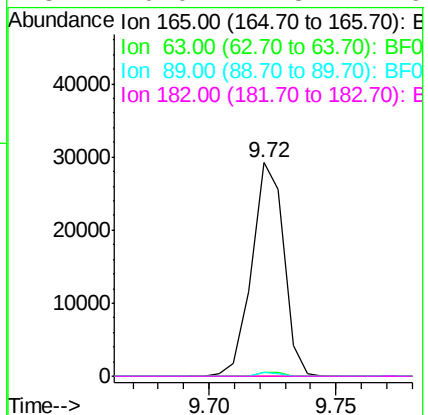
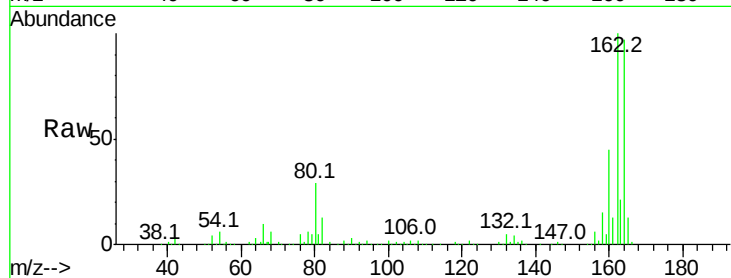




#56
 2,4-Dinitrotoluene
 Concen: 6.957 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.22 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

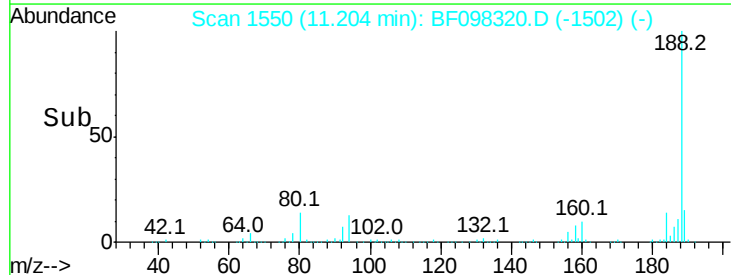
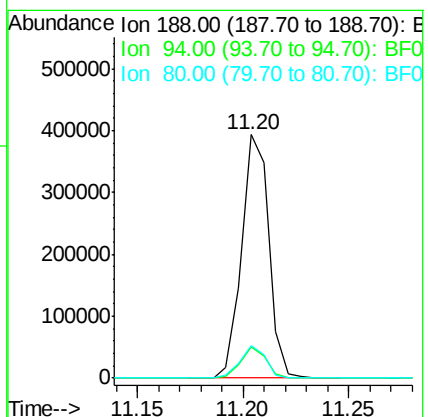
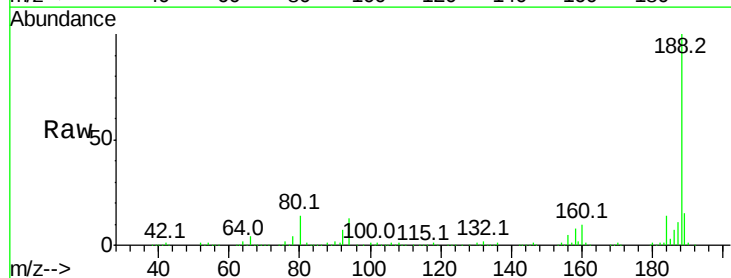
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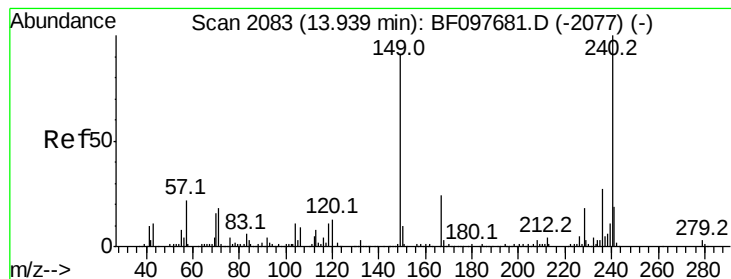
Tot Ion:165 Resp: 25836
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

Tgt Ion:188 Resp: 350029
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.4 14.2
 80 13.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098320.D

Acq: 7 Sep 2017 18:17

Instrument :

BNA_F

ClientSampleId :

G26A-0-3-COMP

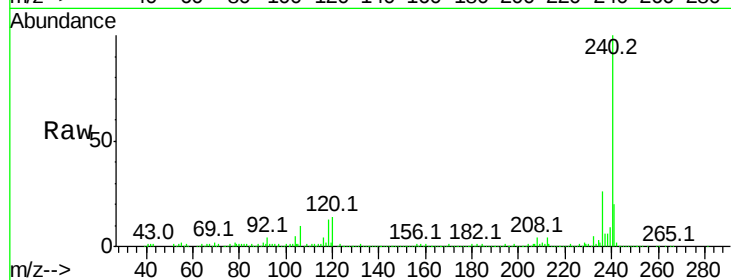
Tot Ion:240 Resp: 262549

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

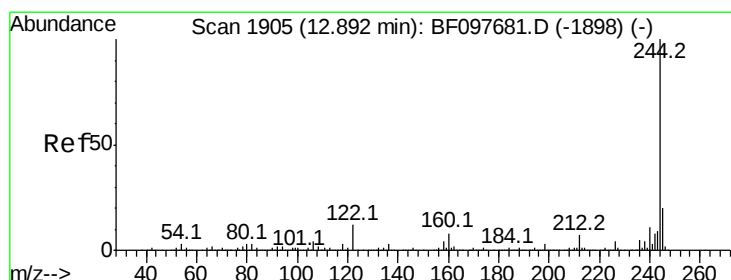
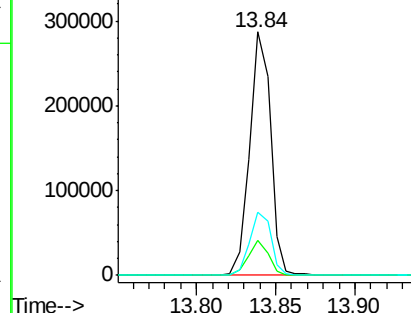
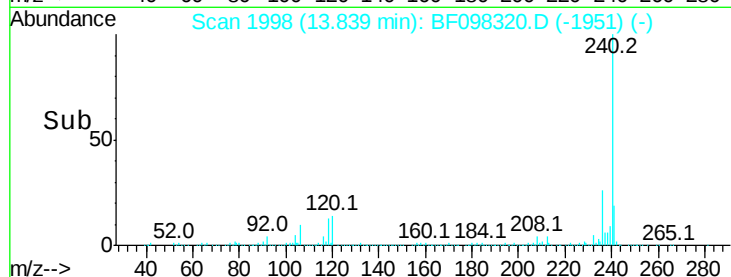
236 25.7 20.5 30.7



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: 5.538 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098320.D

Acq: 7 Sep 2017 18:17

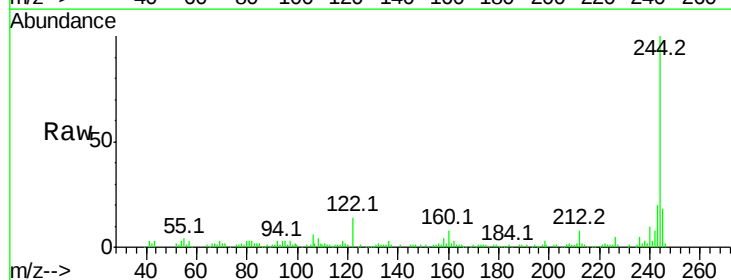
Tgt Ion:244 Resp: 69731

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

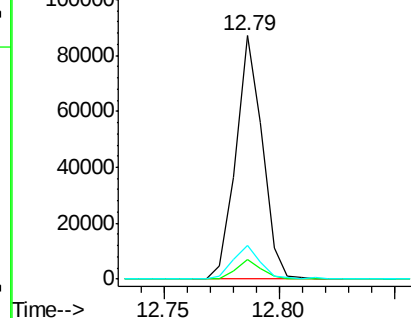
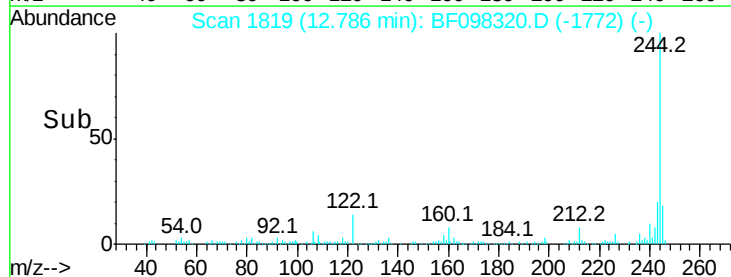
122 13.8 10.3 15.5

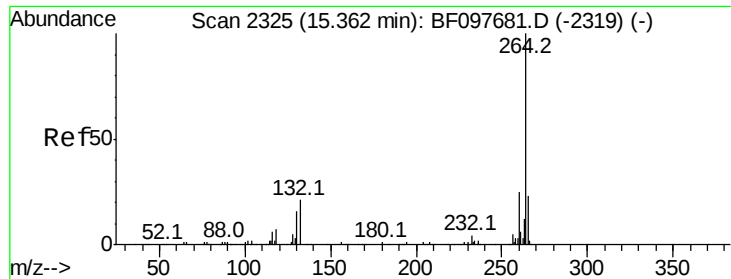


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

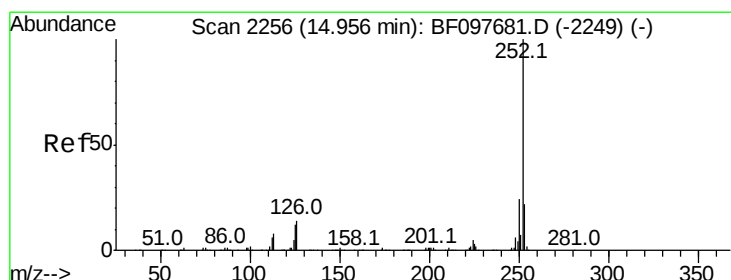
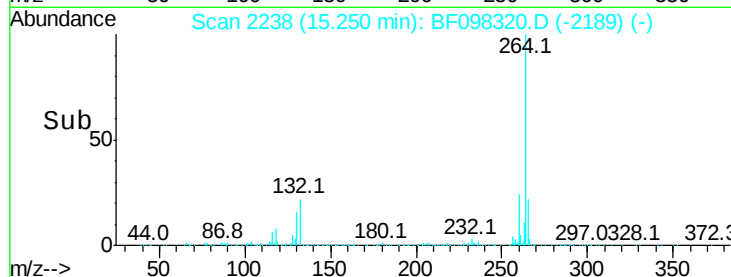
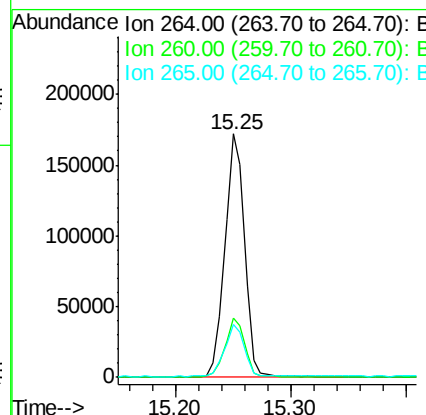
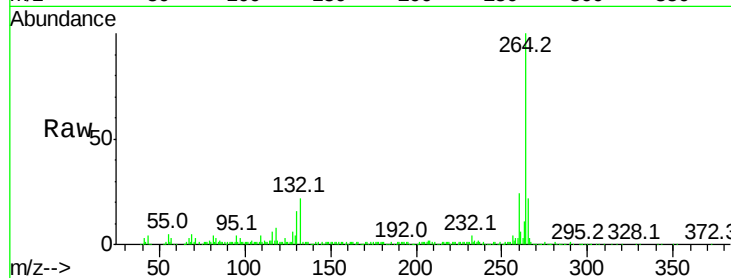




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098320.D
Acq: 7 Sep 2017 18:17

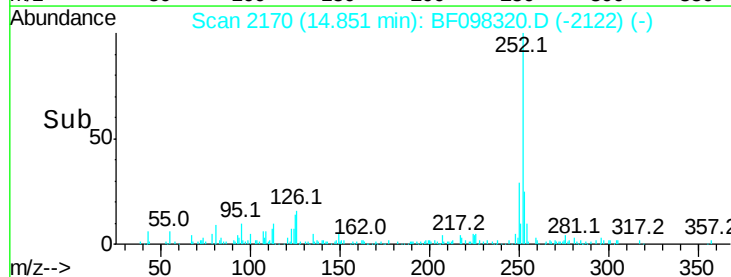
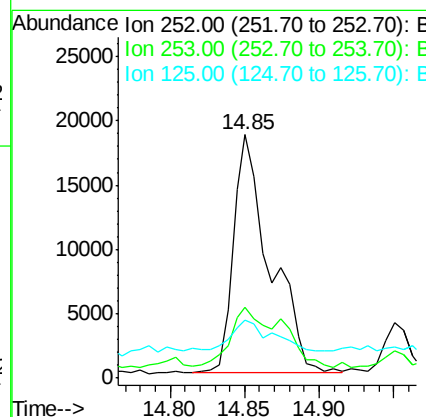
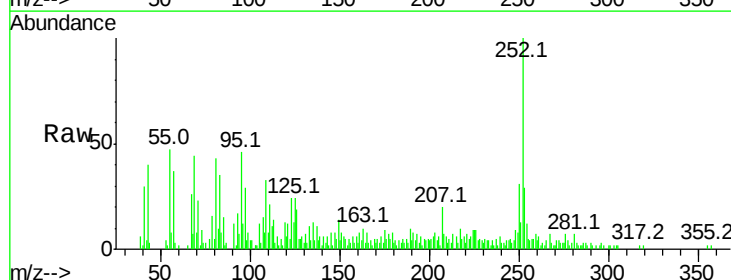
Instrument :
BNA_F
ClientSampleId :
G26A-0-3-COMP

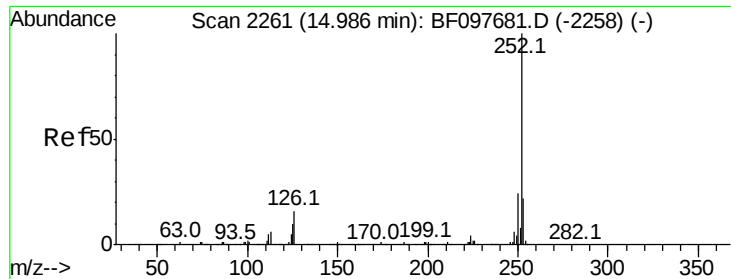
Tot Ion:264 Resp: 202435
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.473 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098320.D
Acq: 7 Sep 2017 18:17

Tgt Ion:252 Resp: 31552
Ion Ratio Lower Upper
252 100
253 29.1 18.1 27.1#
125 23.8 9.8 14.8#





#88
 Benzo(k)fluoranthene
 Concen: 2.632 ng
 RT: 14.85 min Scan# 2170
 Delta R.T. -0.05 min
 Lab File: BF098320.D
 Acq: 7 Sep 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 G26A-0-3-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.4	27.6#
125	23.8	13.1	19.7#

