

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038955.D
 Acq On : 5 Jan 2019 8:53
 Operator : JU/SJ
 Sample : K1036-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 22:43:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

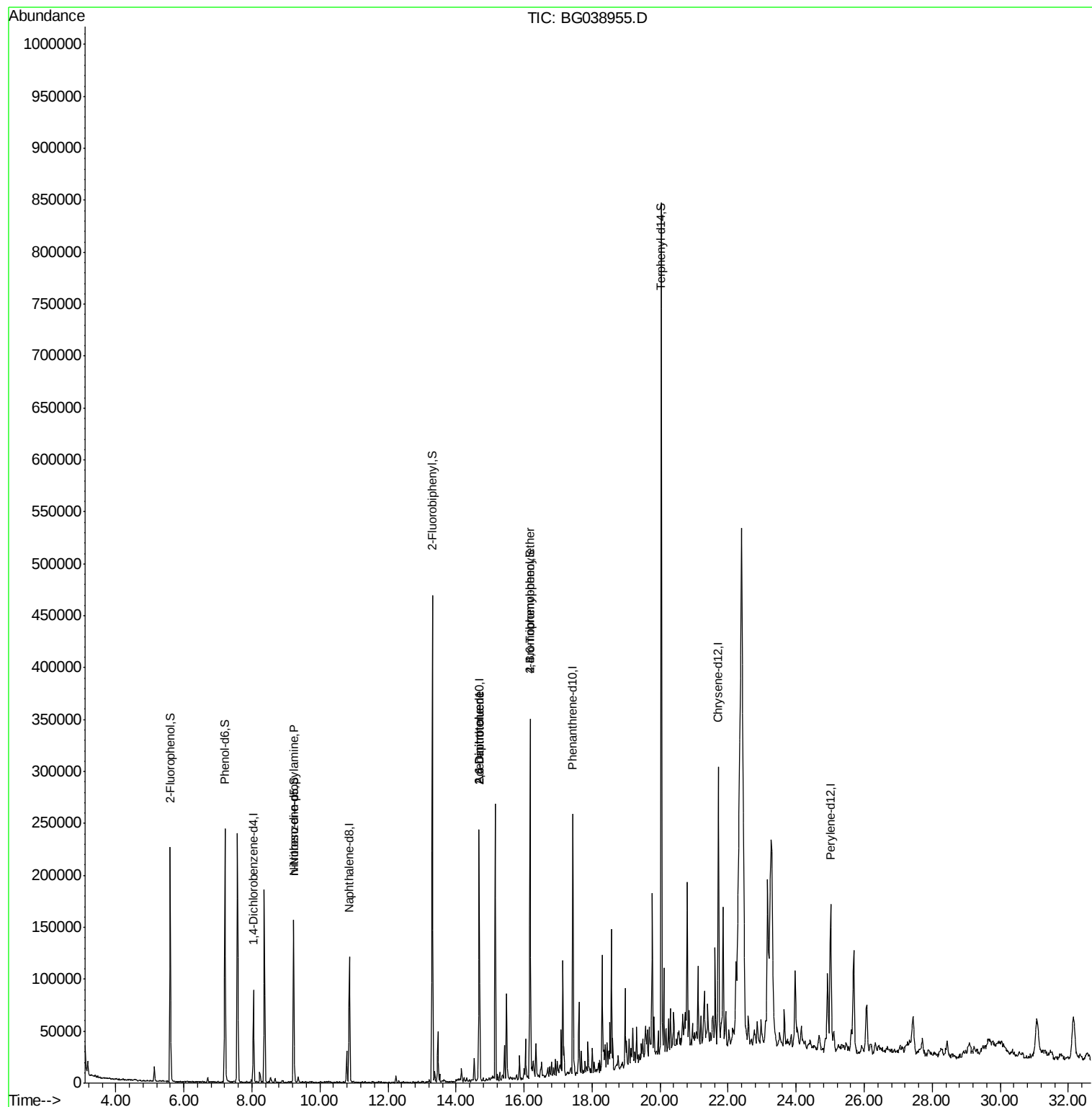
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26949	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	110227	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	75971	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	172661	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	164808	20.00	ng	-0.01
87) Perylene-d12	25.01	264	179390	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	100224	65.96	ng	0.00
7) Phenol-d6	7.21	99	142900	68.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	91800	42.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	76610	73.17	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	262053	47.32	ng	-0.02
79) Terphenyl-d14	20.04	244	426262	56.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	12954	8.842	ng	# 67
51) 2,6-Dinitrotoluene	14.68	165	9973	7.093	ng	# 22
57) 2,4-Dinitrotoluene	14.68	165	9973	5.036	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	5058	2.399	ng	# 1

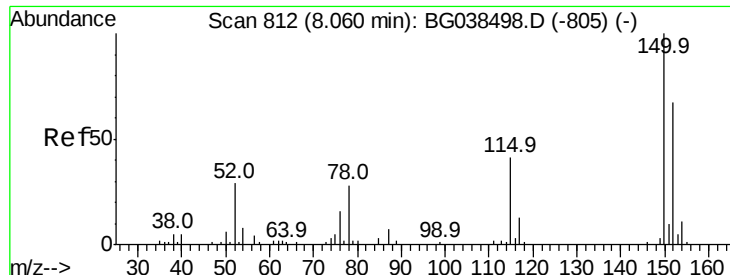
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



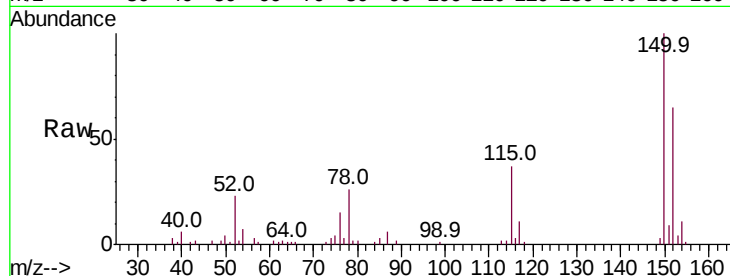


#1

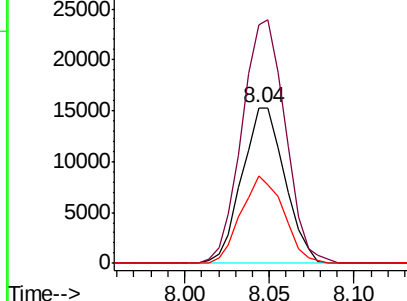
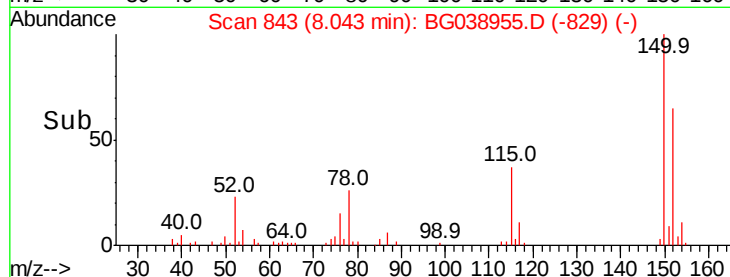
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26949
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 56.1 49.6 74.4



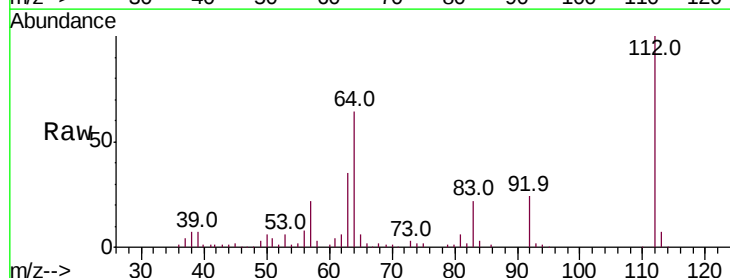
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



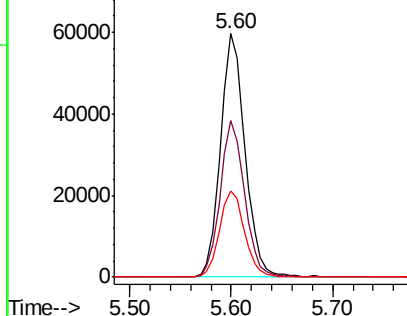
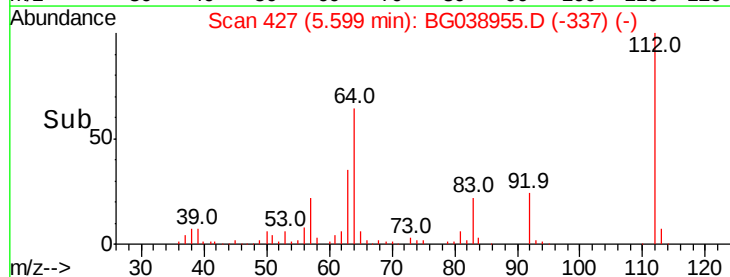
#5

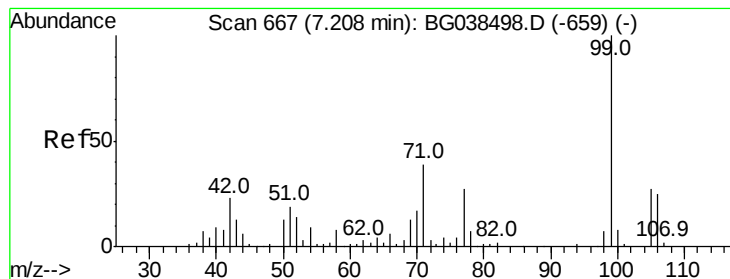
2-Fluorophenol
Concen: 65.963 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Tgt Ion:112 Resp: 100224
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 35.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 68.509 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

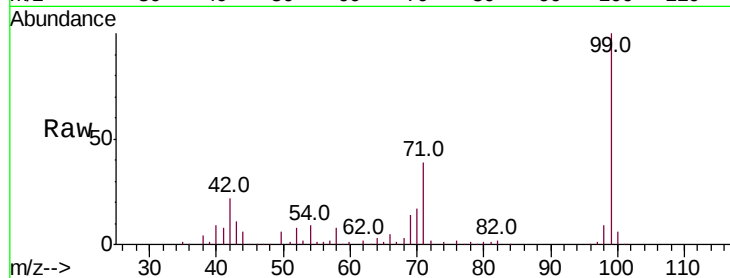
Tot Ion: 99 Resp: 142900

Ion Ratio Lower Upper

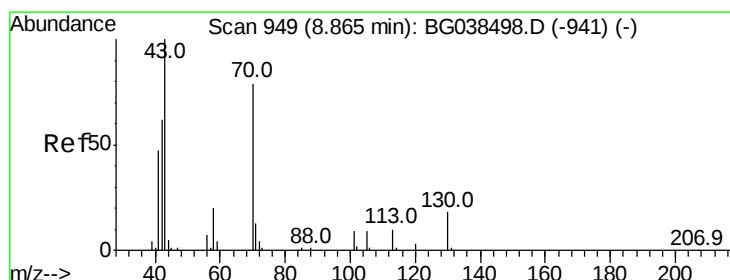
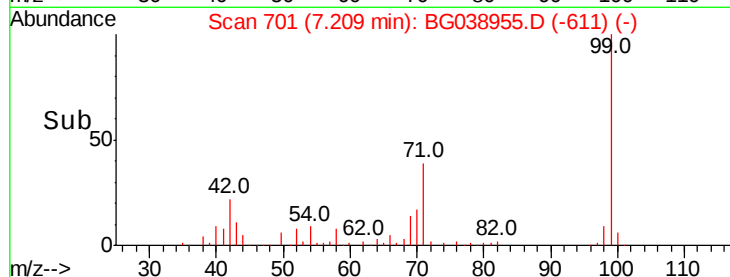
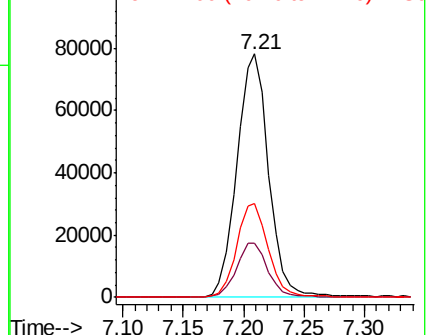
99 100

42 22.4 18.5 27.7

71 38.6 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 8.842 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Tgt Ion: 70 Resp: 12954

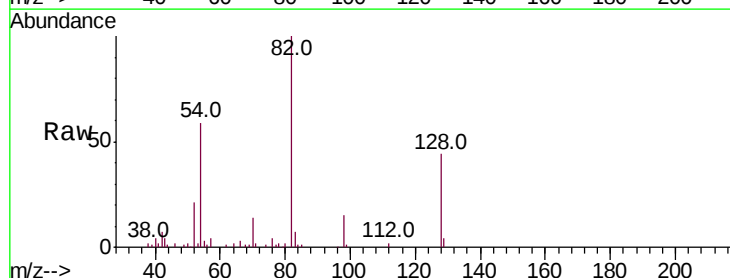
Ion Ratio Lower Upper

70 100

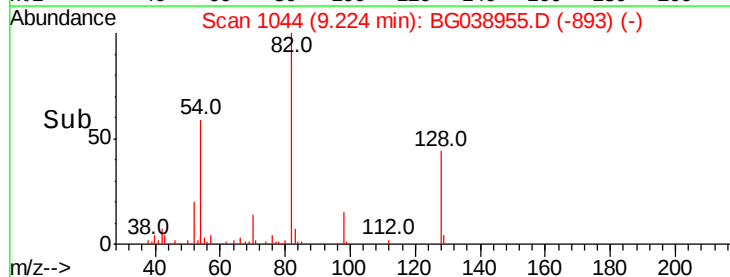
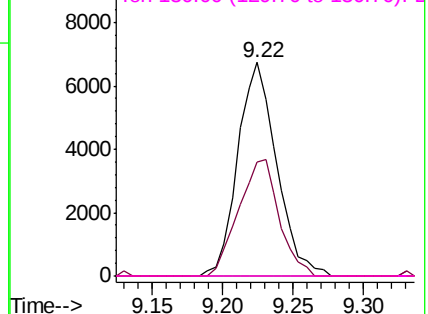
42 53.6 63.6 95.4#

101 0.0 9.2 13.8#

130 0.0 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

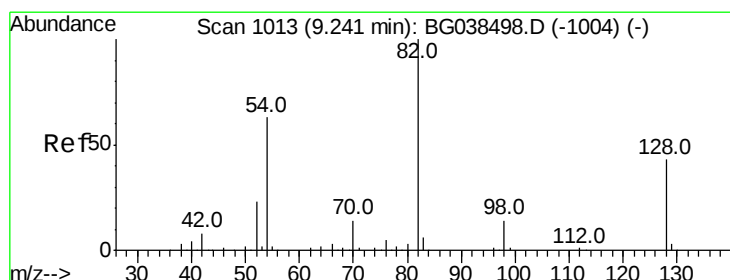
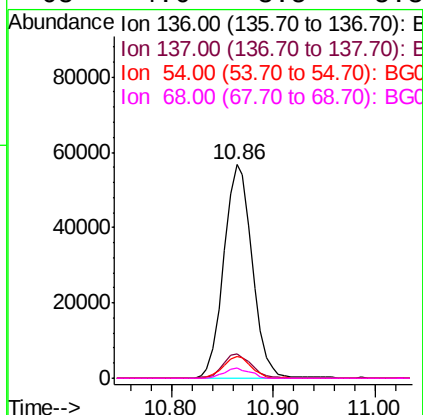
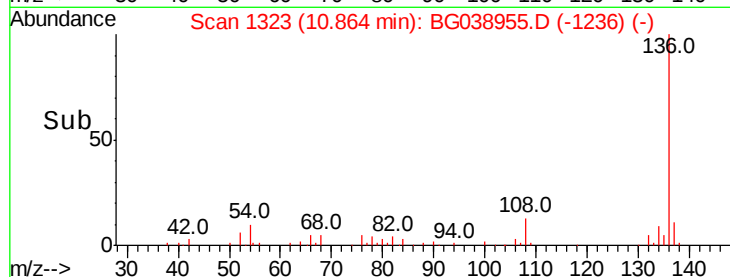
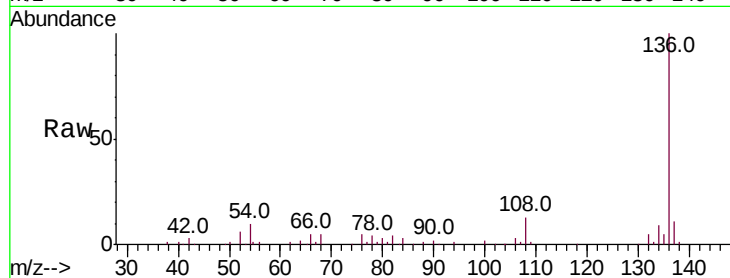




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

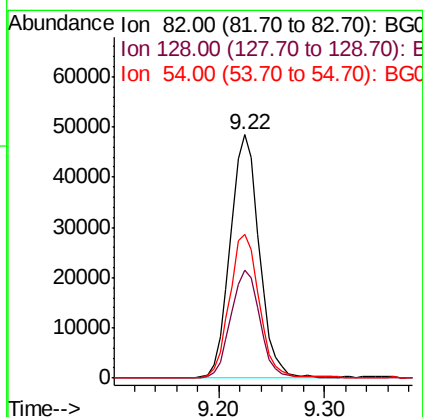
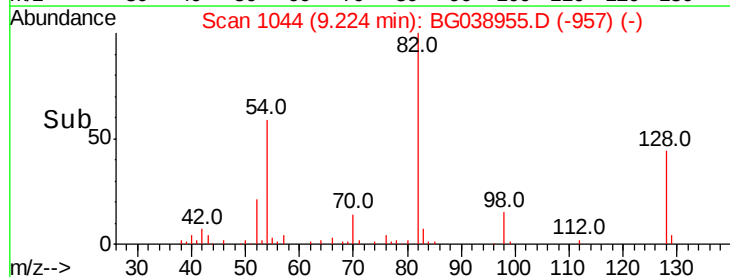
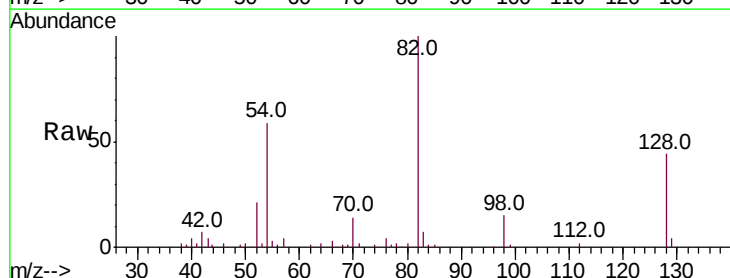
Instrument :
BNA_G
ClientSampleId :

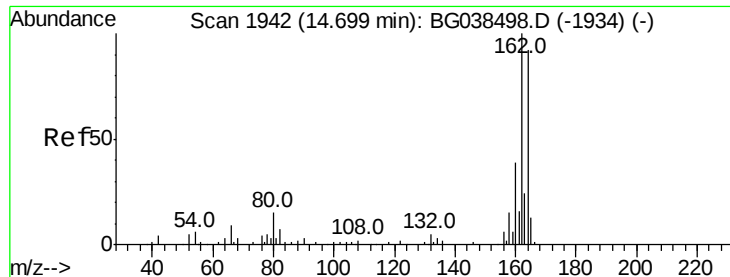
Tot Ion:	136	Resp:	110227
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	10.8	8.5	12.7
68	4.6	3.5	5.3



#23
Nitrobenzene-d5
Concen: 42.547 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Tgt Ion:	82	Resp:	91800
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	59.0	50.6	76.0

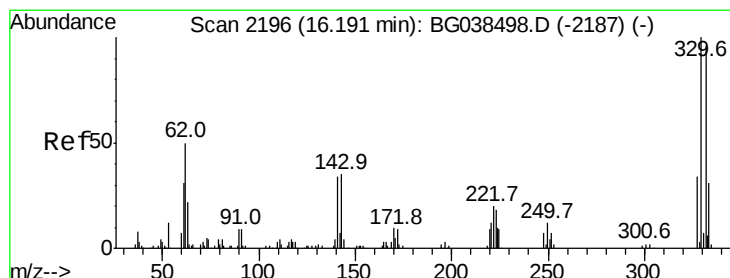
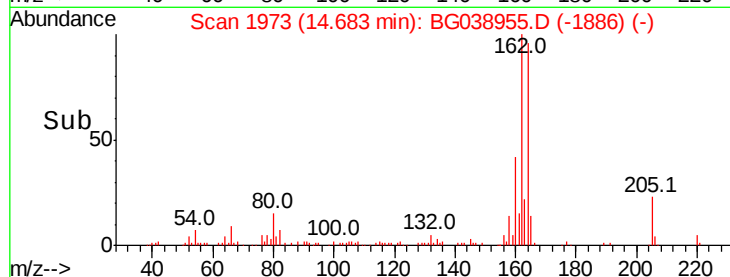
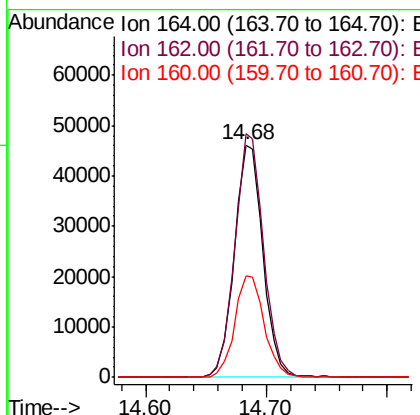
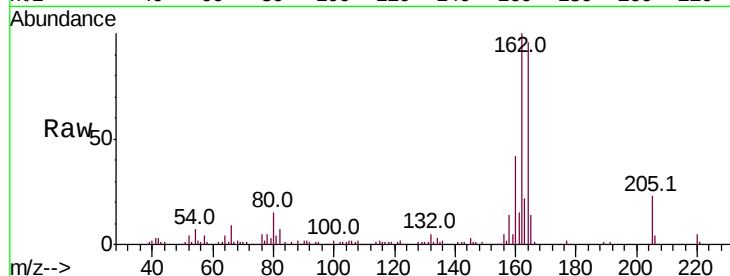




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

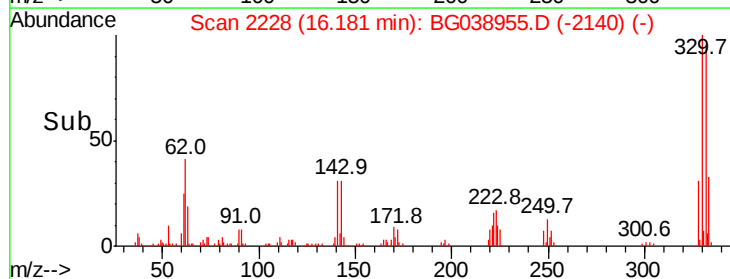
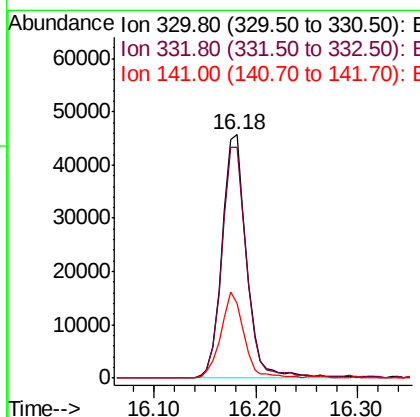
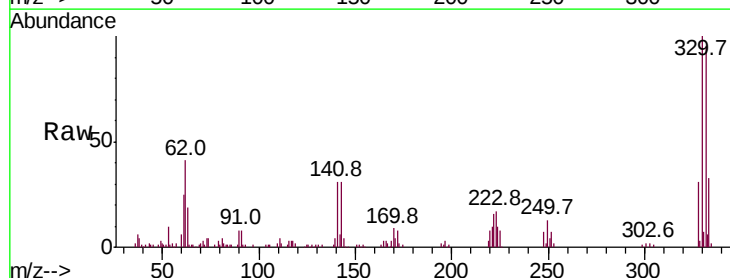
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 75971
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.6 130.0
 160 43.4 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 73.170 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

Tgt Ion:330 Resp: 76610
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 33.3 28.8 43.2

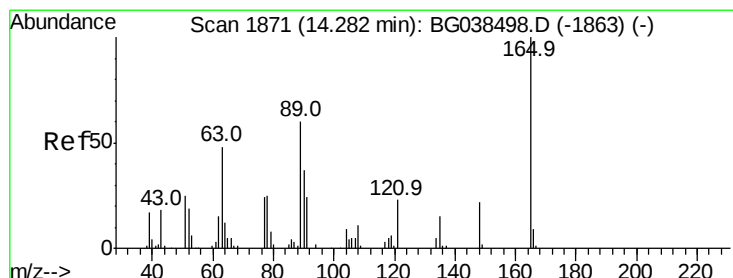
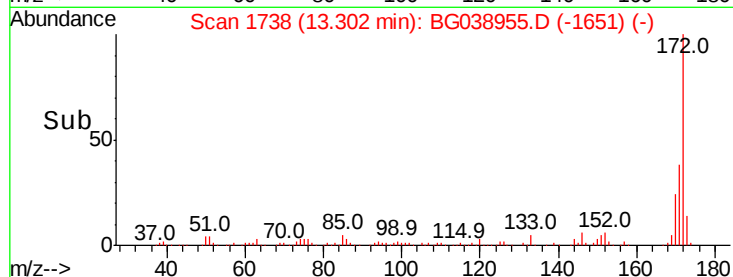
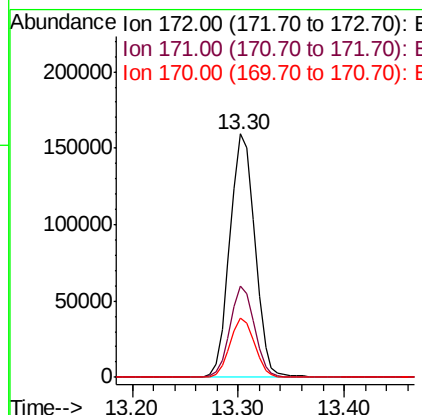
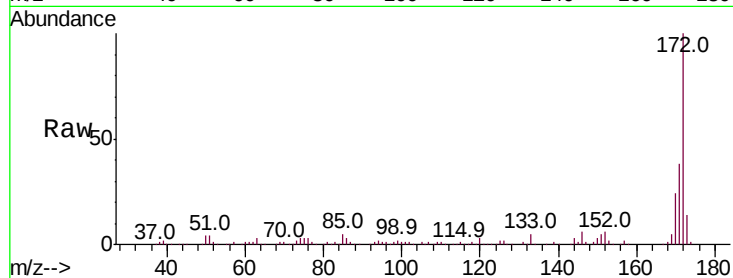




#45
 2-Fluorobiphenyl
 Concen: 47.320 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

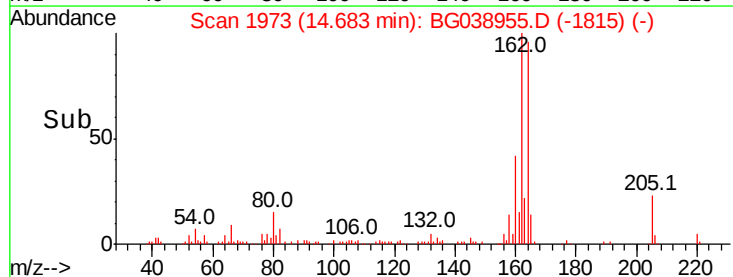
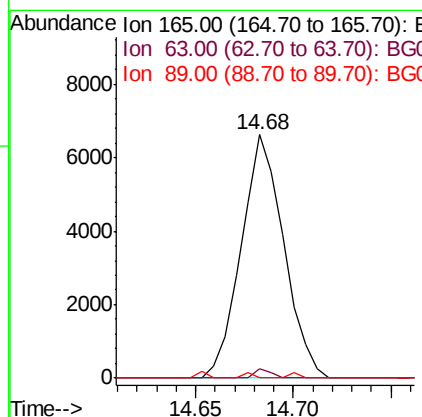
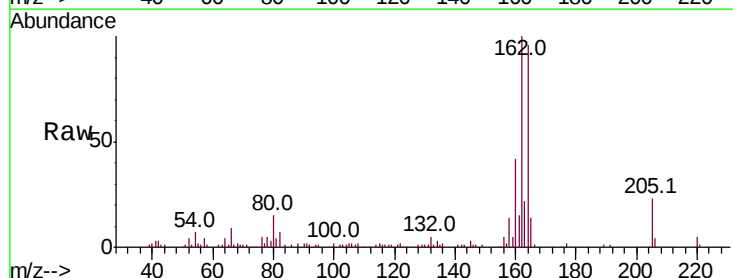
Instrument :
 BNA_G
 ClientSampleId :

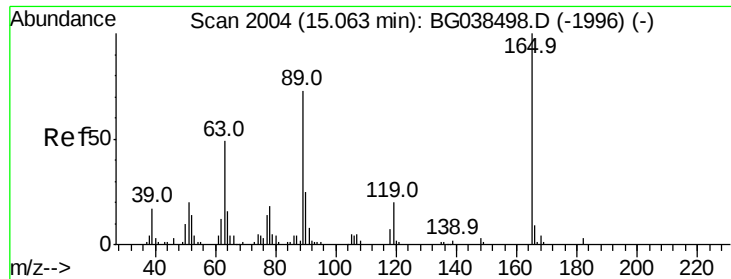
Tot Ion:172 Resp: 262053
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 24.3 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 7.093 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.40 min
 Lab File: BG038955.D
 Acq: 5 Jan 2019 8:53

Tgt Ion:165 Resp: 9973
 Ion Ratio Lower Upper
 165 100
 63 3.8 51.8 77.6#
 89 0.0 47.9 71.9#





#57

2,4-Dinitrotoluene

Concen: 5.036 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.38 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 9973

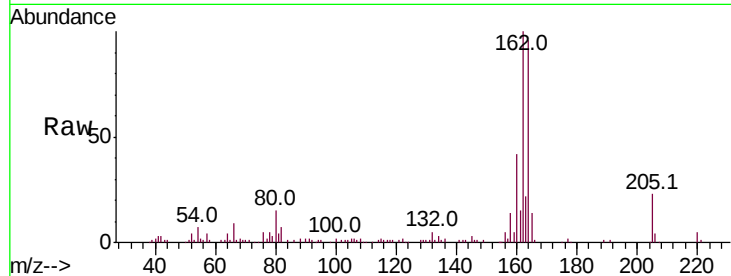
Ion Ratio Lower Upper

165 100

63 3.8 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

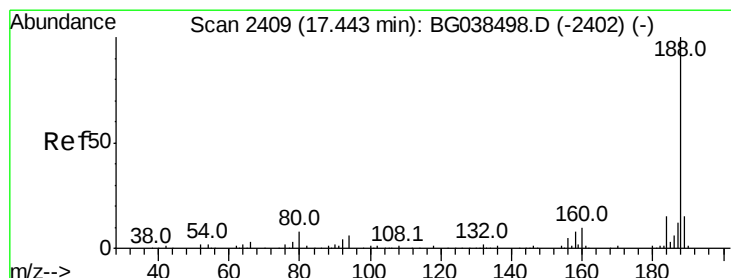
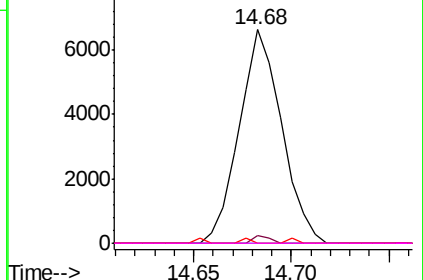
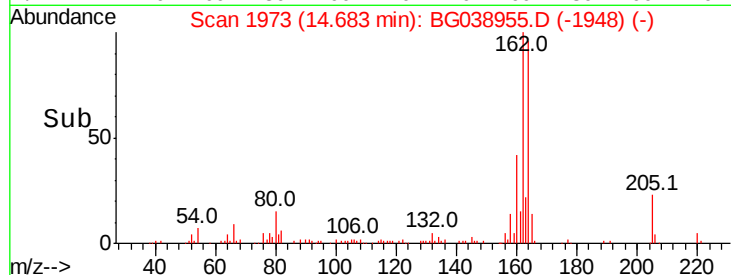


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

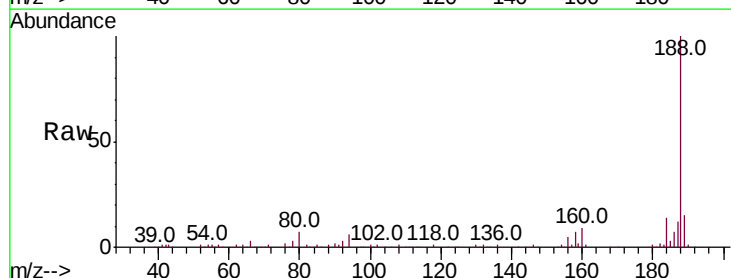
Tgt Ion:188 Resp: 172661

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

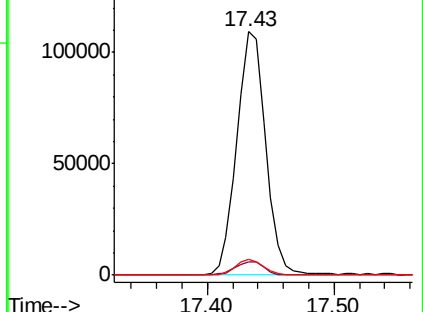
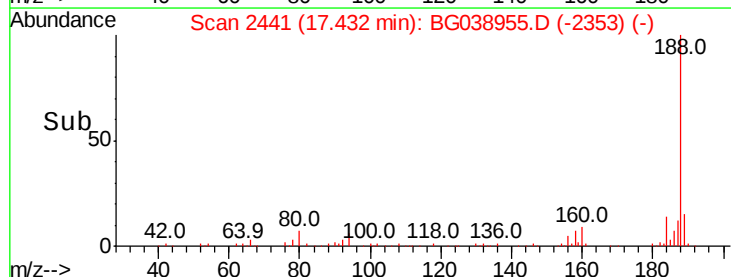
80 6.6 6.1 9.1

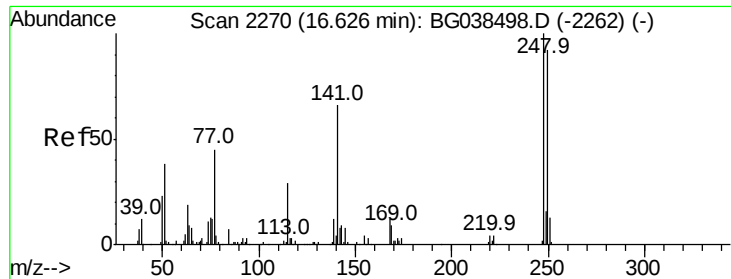


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

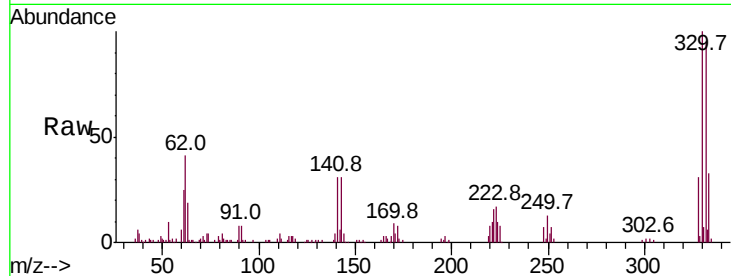




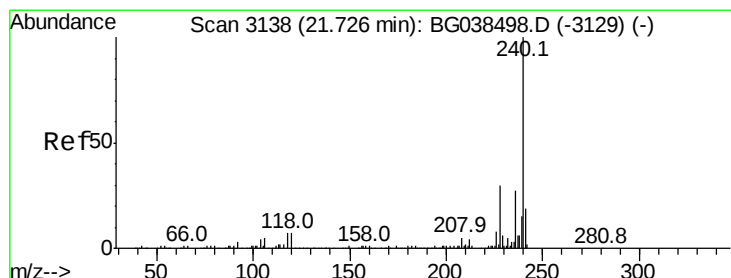
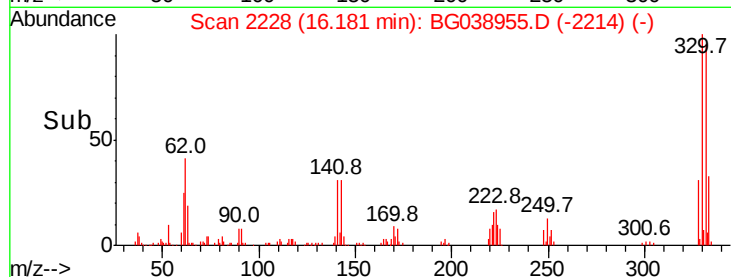
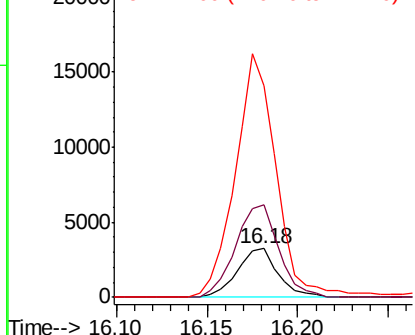
#67
4-Bromophenyl-phenylether
Concen: 2.399 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 5058
Ion Ratio Lower Upper
248 100
250 196.8 73.4 110.2#
141 343.4 52.9 79.3#

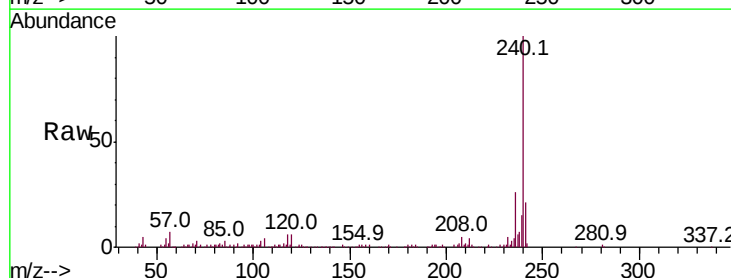


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

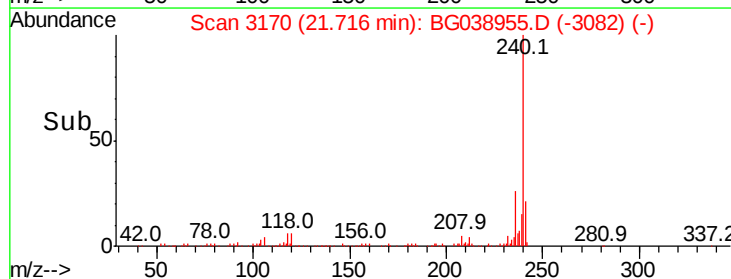
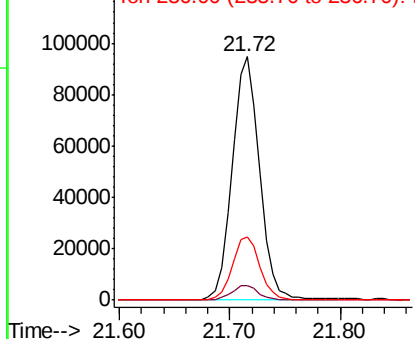


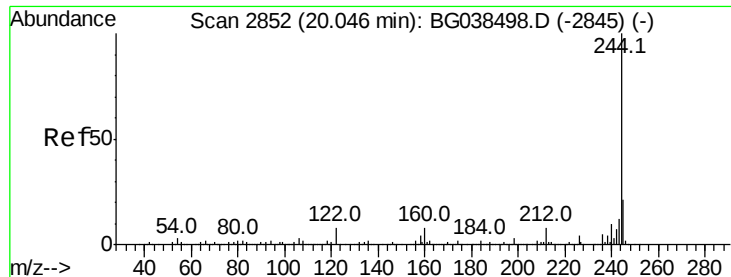
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038955.D
Acq: 5 Jan 2019 8:53

Tgt Ion:240 Resp: 164808
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 26.0 21.4 32.2



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





#79

Terphenyl-d14

Concen: 56.289 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

Instrument :

BNA_G

ClientSampleId :

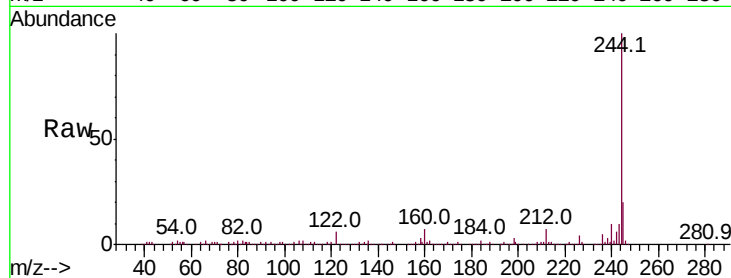
Tot Ion:244 Resp: 426262

Ion Ratio Lower Upper

244 100

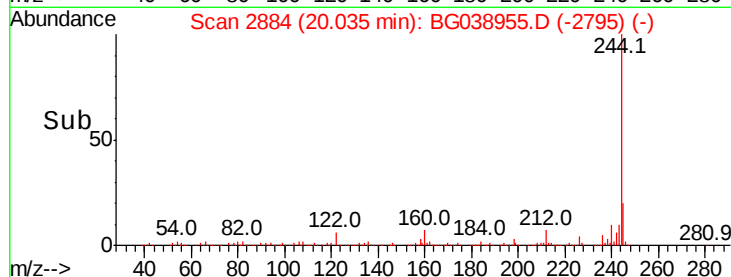
212 7.3 6.2 9.2

122 6.0 6.3 9.5#

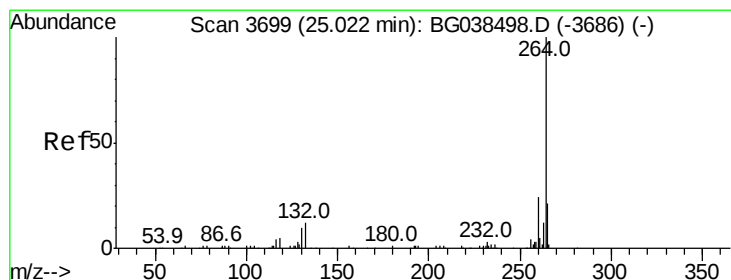


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

20.04



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038955.D

Acq: 5 Jan 2019 8:53

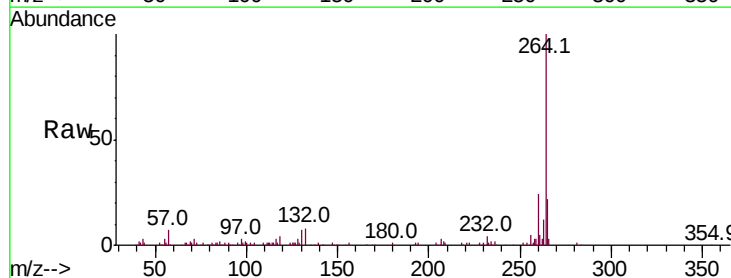
Tgt Ion:264 Resp: 179390

Ion Ratio Lower Upper

264 100

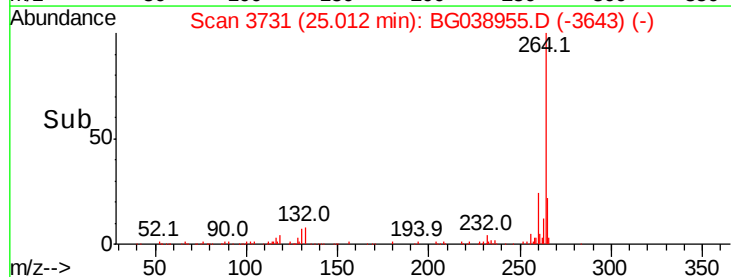
260 23.9 18.9 28.3

265 22.1 17.0 25.4



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

25.01



Time-->