

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038540.D
 Acq On : 13 Dec 2018 20:03
 Operator : JU/SJ
 Sample : J6157-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1-TOTAL

Quant Time: Dec 13 22:36:42 2018
 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

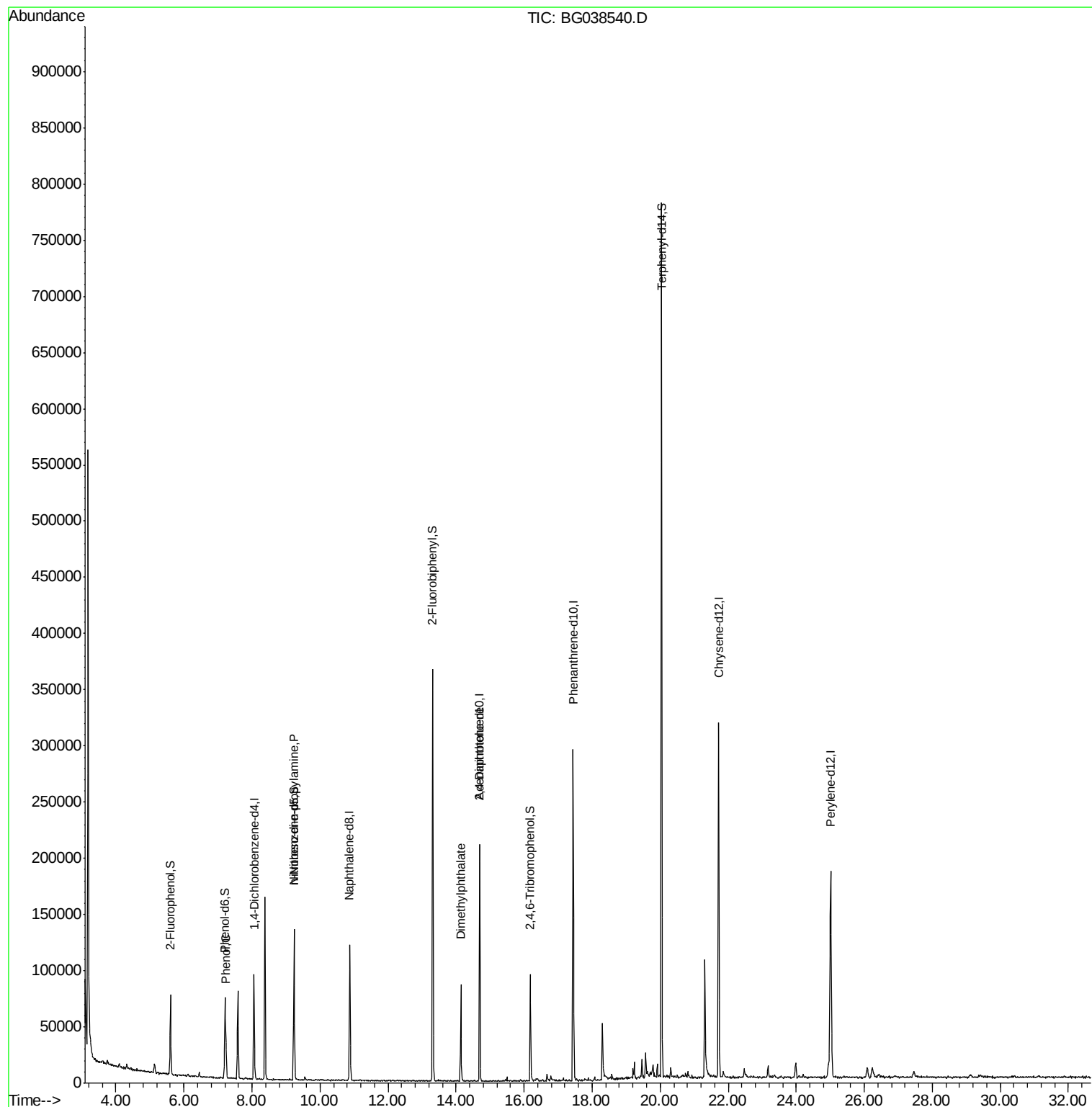
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27217	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	109190	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	74786	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	195162	20.00	ng	0.00
76) Chrysene-d12	21.72	240	201645	20.00	ng	0.00
87) Perylene-d12	25.02	264	216495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	31328	20.42	ng	0.00
7) Phenol-d6	7.21	99	41119	19.52	ng	0.00
23) Nitrobenzene-d5	9.23	82	82708	38.70	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	20356	19.75	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	197644	36.26	ng	0.00
79) Terphenyl-d14	20.04	244	384885	41.54	ng	0.00
Target Compounds						
10) Phenol	7.23	94	17012	7.601	ng	97
19) n-Nitroso-di-n-propylamine	9.23	70	11001	7.435	ng	# 69
50) Dimethylphthalate	14.14	163	62627	10.254	ng	98
57) 2,4-Dinitrotoluene	14.69	165	9416	4.830	ng	# 21

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

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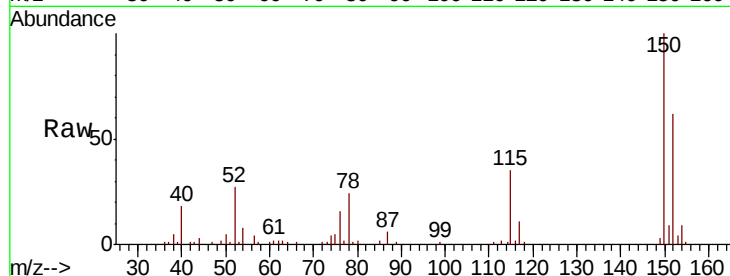




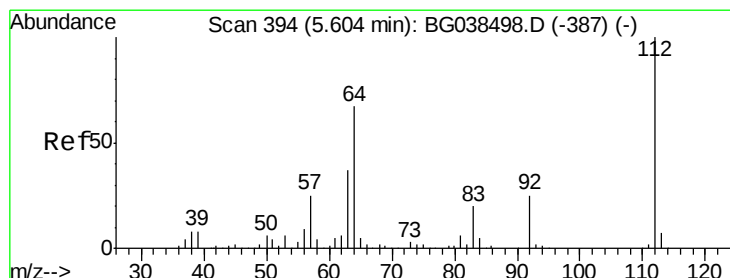
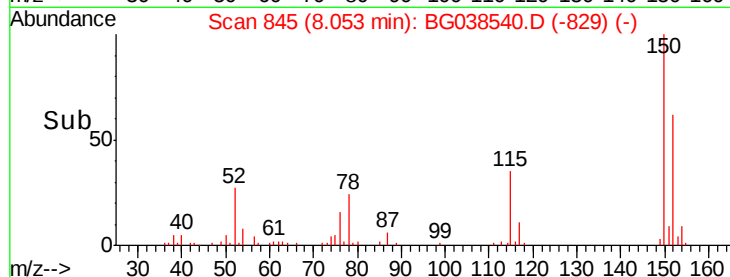
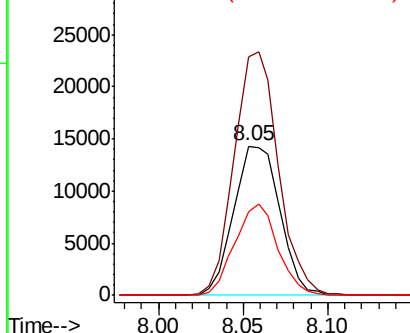
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG038540.D
 Acq: 13 Dec 2018 20:03

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1-TOTAL

Tgt Ion:152 Resp: 27217
 Ion Ratio Lower Upper
 152 100
 150 160.3 119.5 179.3
 115 56.2 49.6 74.4

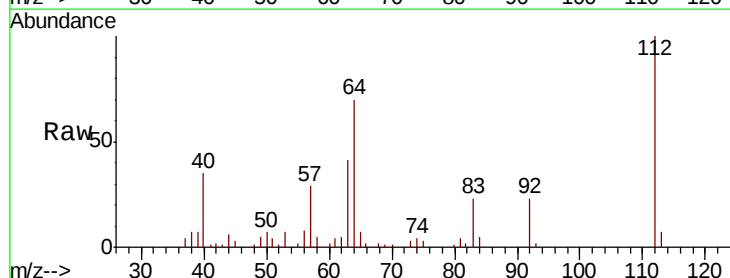


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

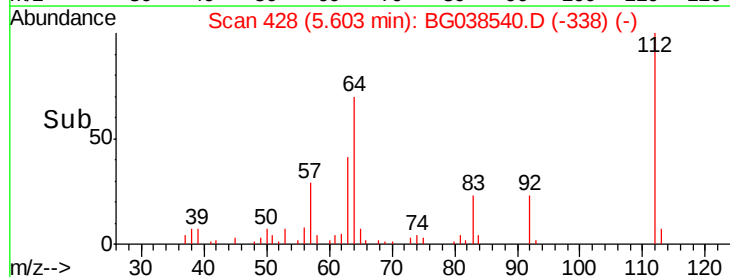
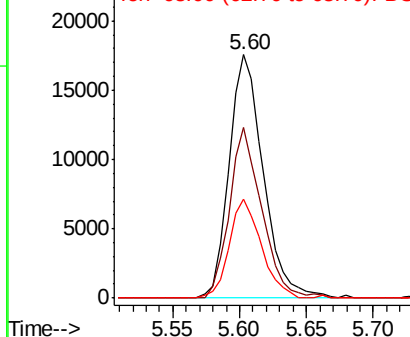


#5
 2-Fluorophenol
 Concen: 20.416 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038540.D
 Acq: 13 Dec 2018 20:03

Tgt Ion:112 Resp: 31328
 Ion Ratio Lower Upper
 112 100
 64 69.9 53.4 80.2
 63 40.6 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: 19.519 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038540.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1-TOTAL

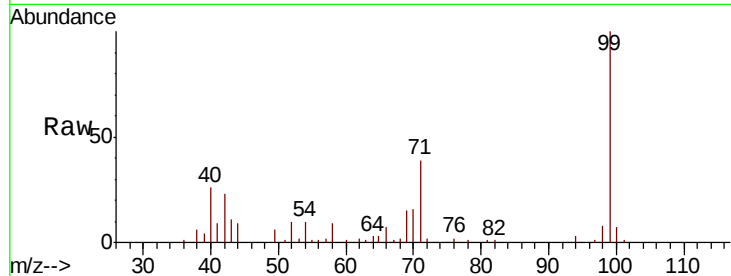
Tgt Ion: 99 Resp: 41119

Ion Ratio Lower Upper

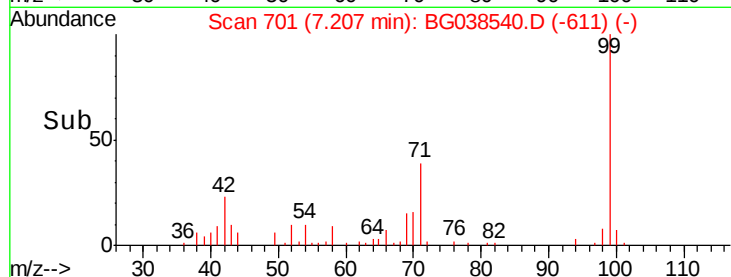
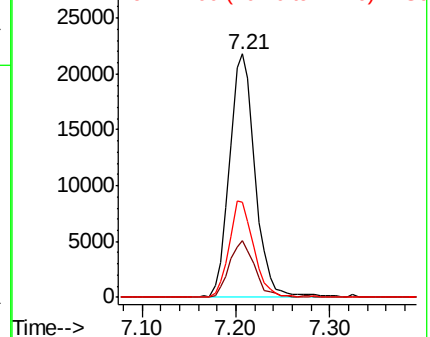
99 100

42 23.3 18.5 27.7

71 39.1 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



#10

Phenol

Concen: 7.601 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG038540.D

Acq: 13 Dec 2018 20:03

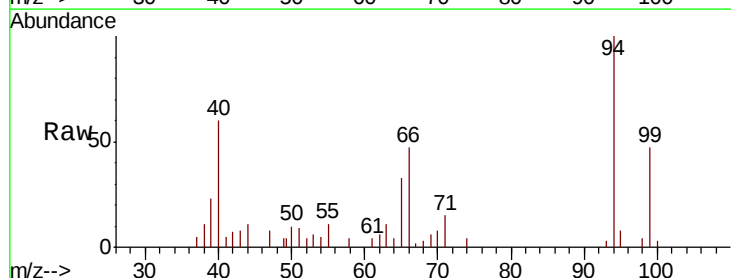
Tgt Ion: 94 Resp: 17012

Ion Ratio Lower Upper

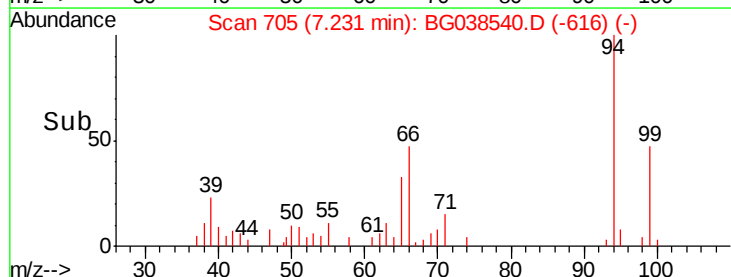
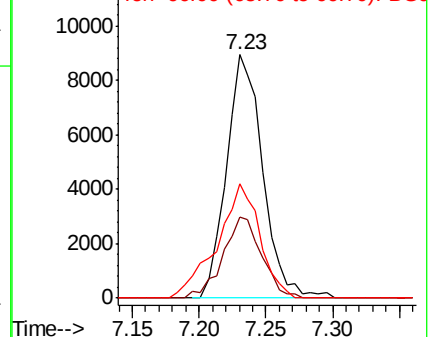
94 100

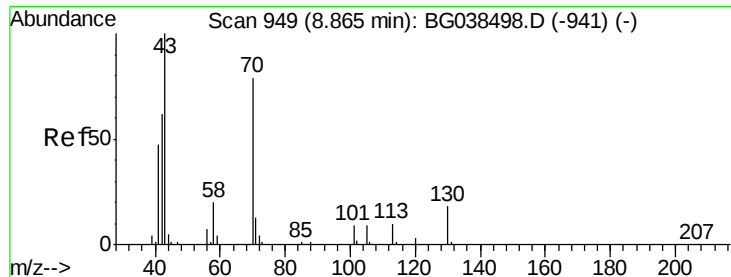
65 33.2 12.6 52.6

66 47.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

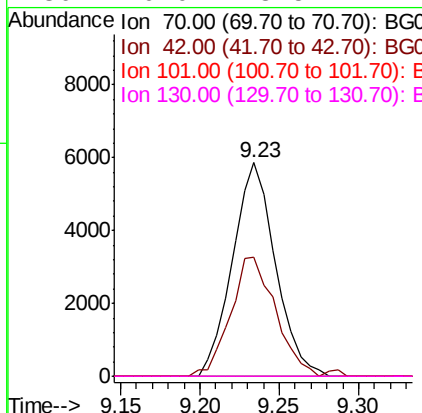
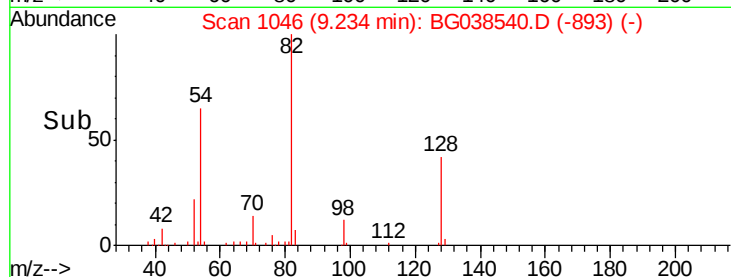
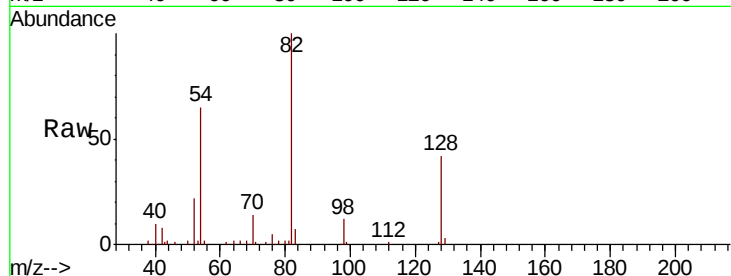




#19
n-Nitroso-di-n-propylamine
Concen: 7.435 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038540.D
Acq: 13 Dec 2018 20:03

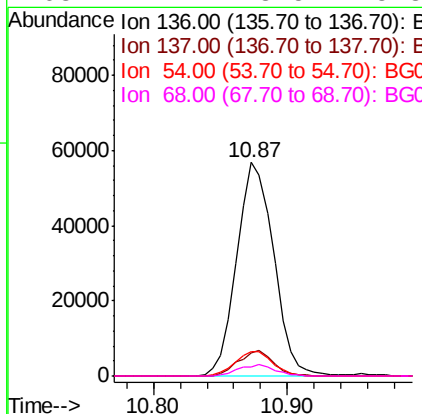
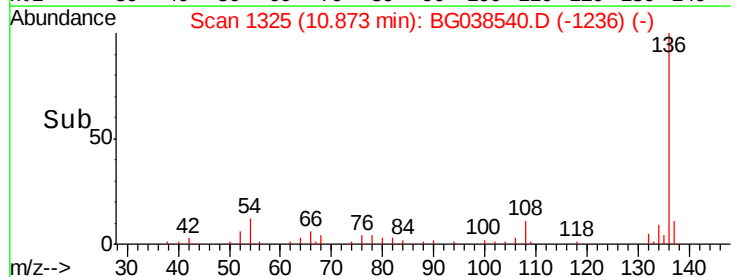
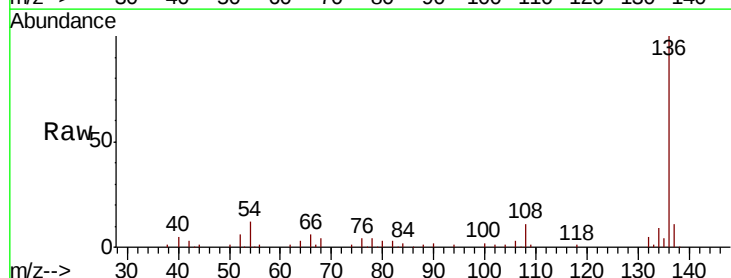
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1-TOTAL

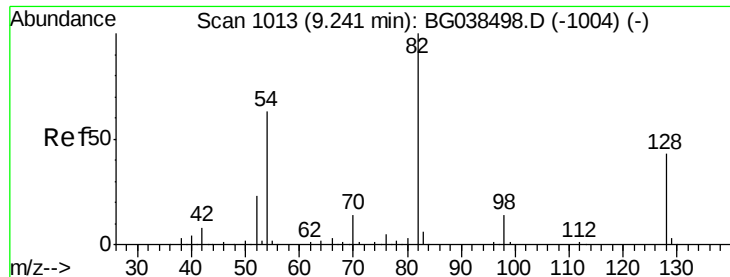
Tgt Ion: 70 Resp: 11001
Ion Ratio Lower Upper
70 100
42 55.8 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038540.D
Acq: 13 Dec 2018 20:03

Tgt Ion: 136 Resp: 109190
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 11.6 8.5 12.7
68 4.2 3.5 5.3

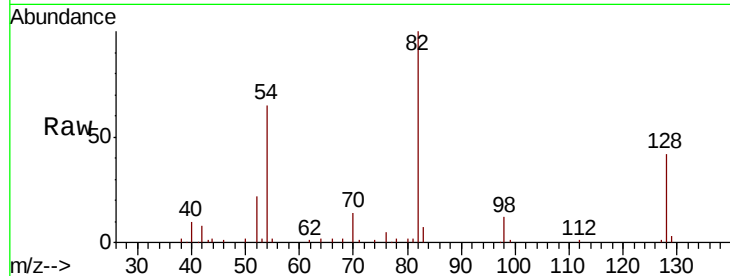




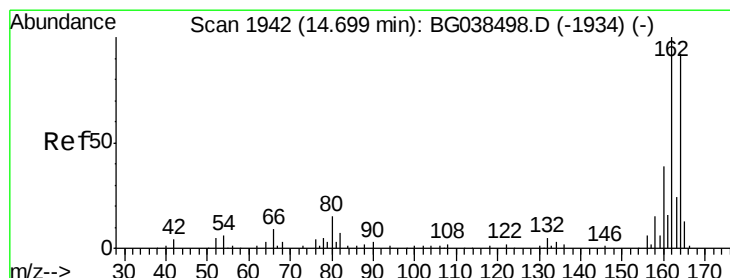
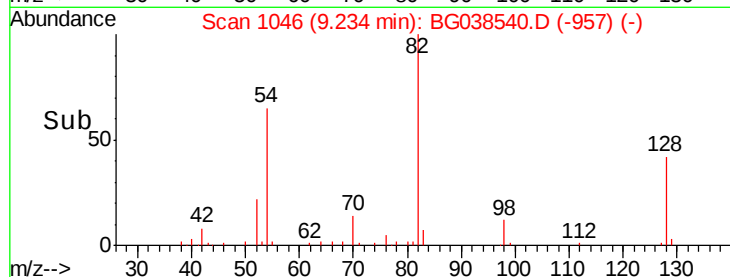
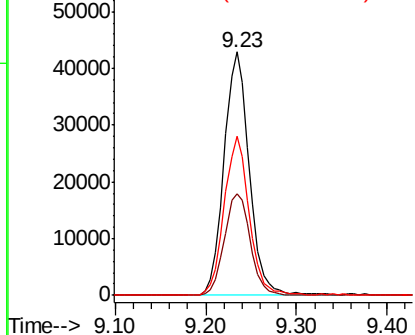
#23
 Nitrobenzene-d5
 Concen: 38.697 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038540.D
 Acq: 13 Dec 2018 20:03

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1-TOTAL

Tgt Ion: 82 Resp: 82708
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 52.0
 54 65.2 50.6 76.0

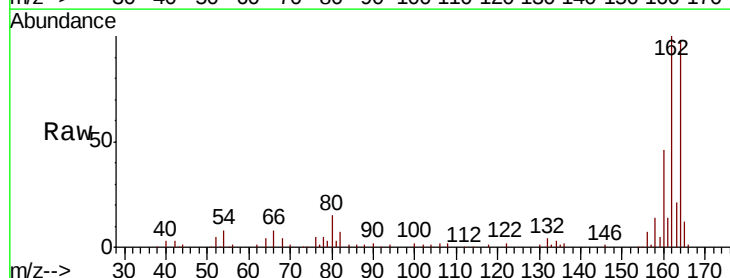


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

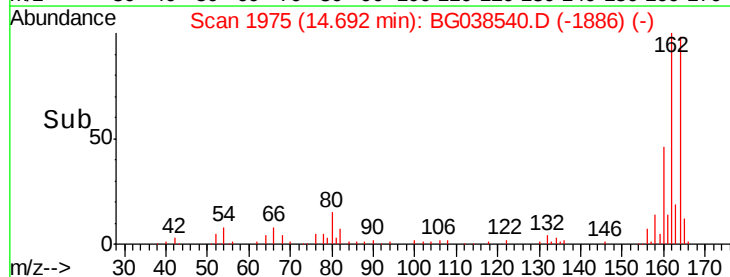
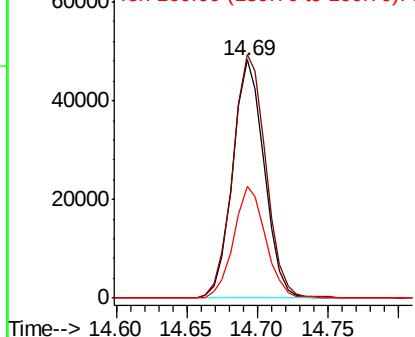


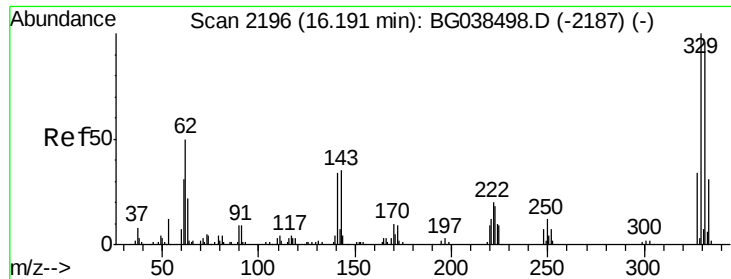
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038540.D
 Acq: 13 Dec 2018 20:03

Tgt Ion: 164 Resp: 74786
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.6 130.0
 160 47.2 34.2 51.2



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

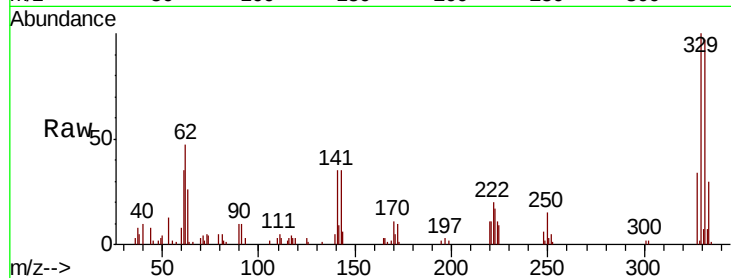




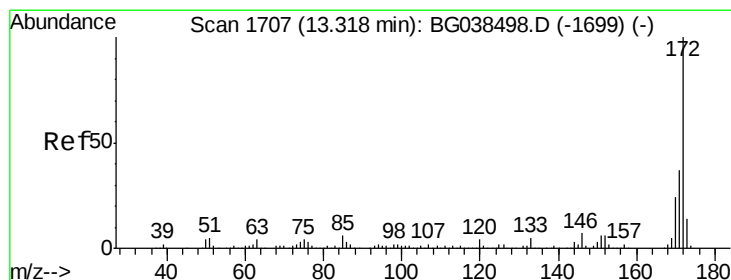
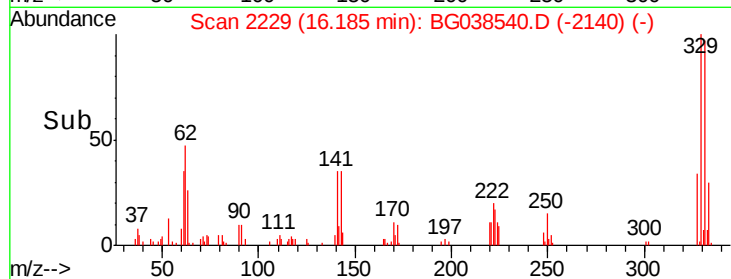
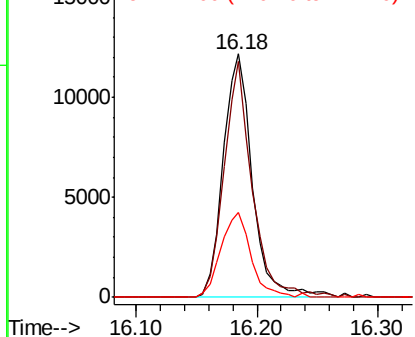
#42
 2,4,6-Tribromophenol
 Concen: 19.750 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038540.D
 Acq: 13 Dec 2018 20:03

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1-TOTAL

Tgt Ion: 330 Resp: 20356
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.9 115.3
 141 35.4 28.8 43.2

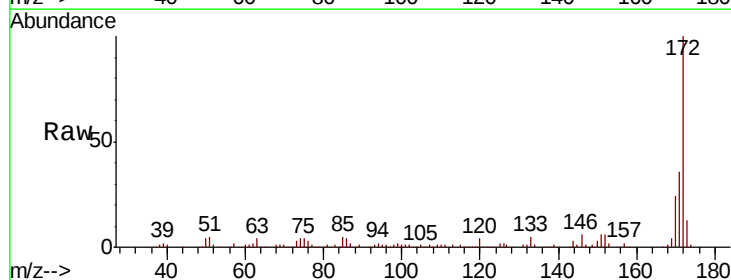


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

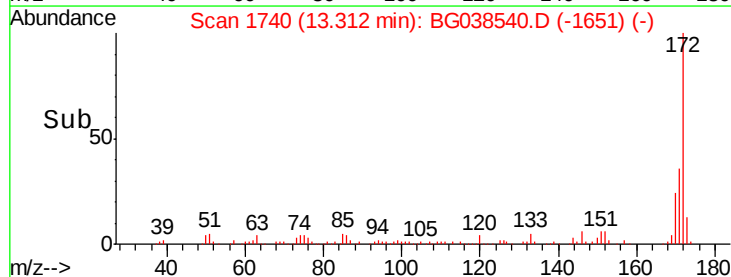
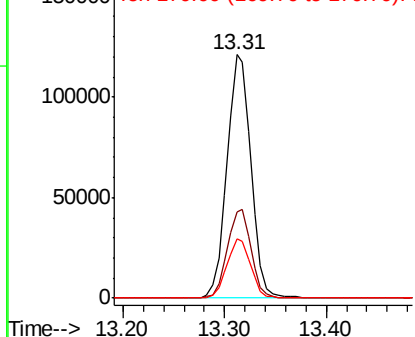


#45
 2-Fluorobiphenyl
 Concen: 36.255 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038540.D
 Acq: 13 Dec 2018 20:03

Tgt Ion: 172 Resp: 197644
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 24.4 19.5 29.3



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

Dimethylphthalate

Concen: 10.254 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038540.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1-TOTAL

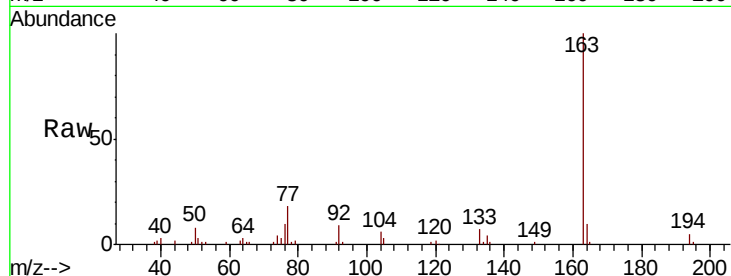
Tgt Ion:163 Resp: 62627

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

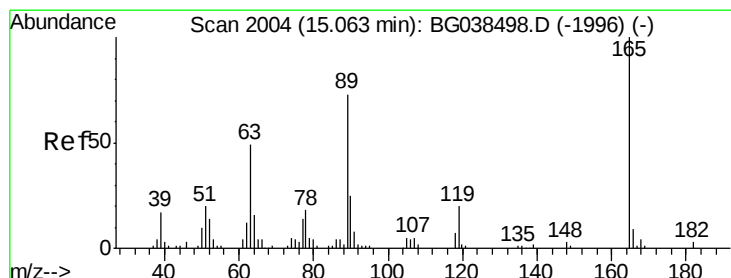
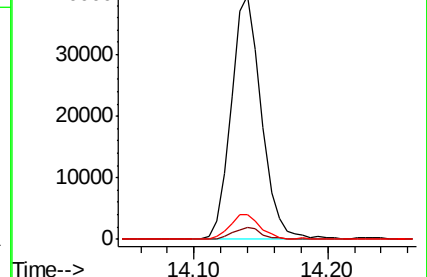
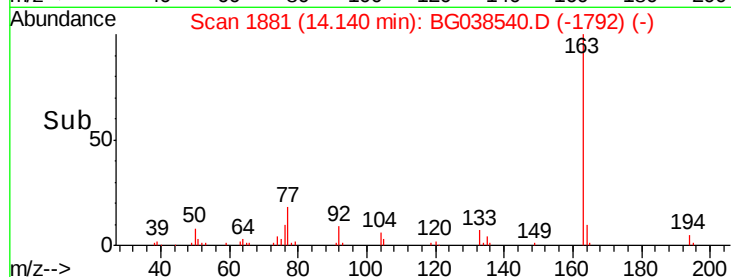
164 10.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 4.830 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038540.D

Acq: 13 Dec 2018 20:03

Tgt Ion:165 Resp: 9416

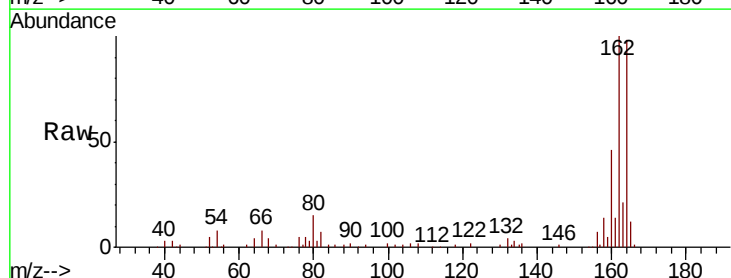
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

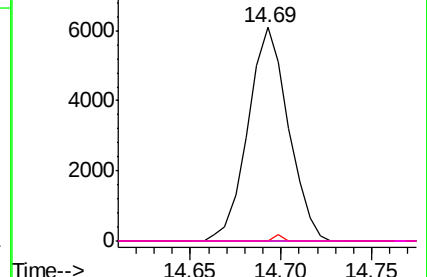
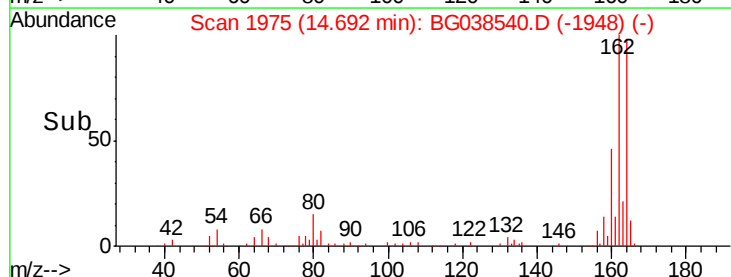


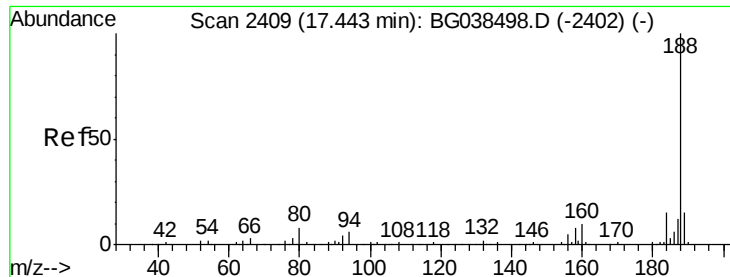
Abundance Ion 165.00 (164.70 to 165.70): E

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

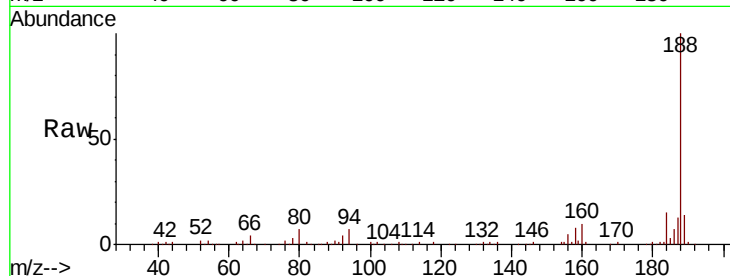




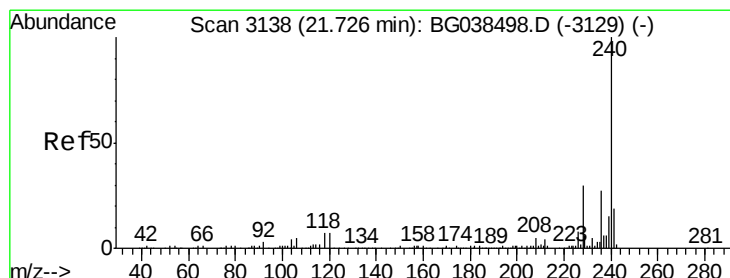
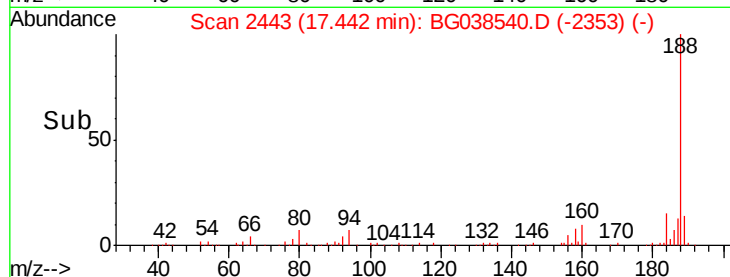
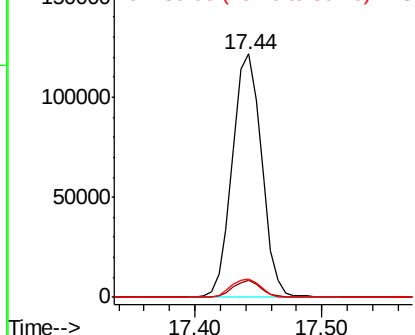
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038540.D
Acq: 13 Dec 2018 20:03

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1-TOTAL

Tgt Ion:188 Resp: 195162
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.3 6.1 9.1

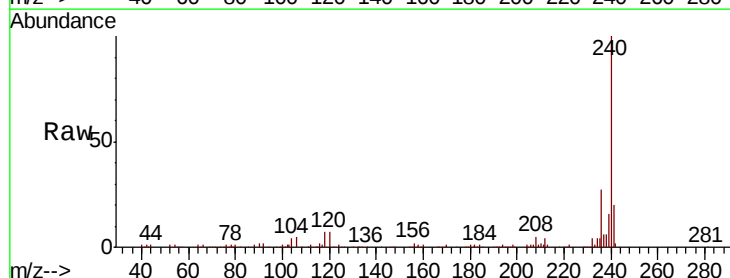


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

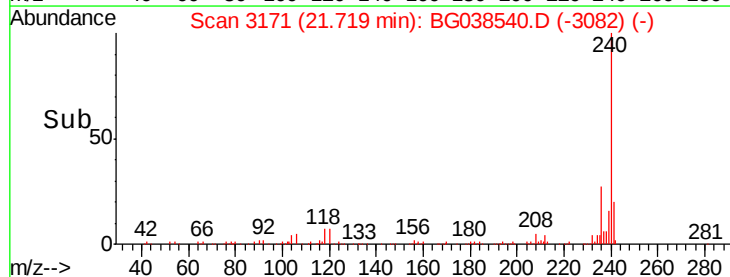
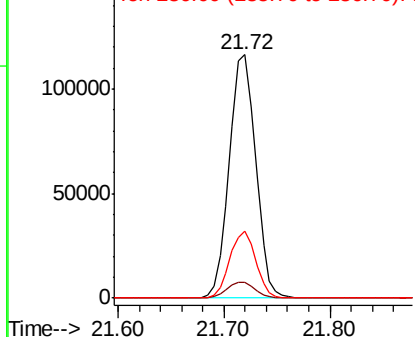


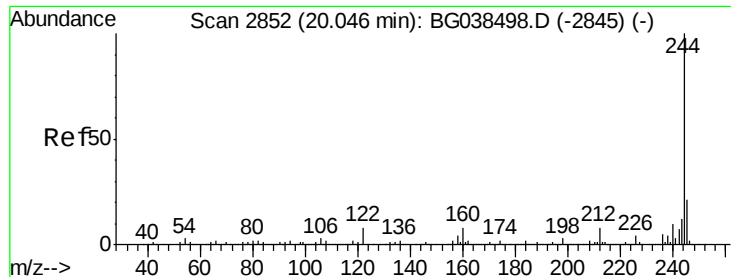
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038540.D
Acq: 13 Dec 2018 20:03

Tgt Ion:240 Resp: 201645
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 27.4 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: 41.540 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038540.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1-TOTAL

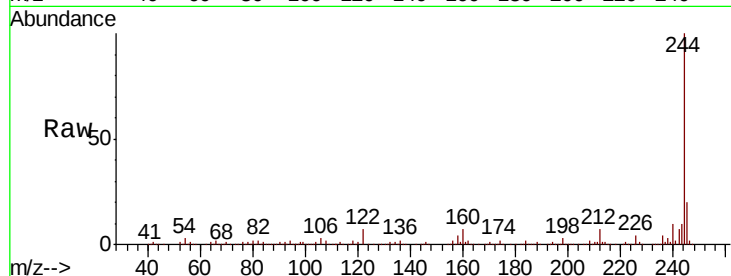
Tgt Ion:244 Resp: 384885

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

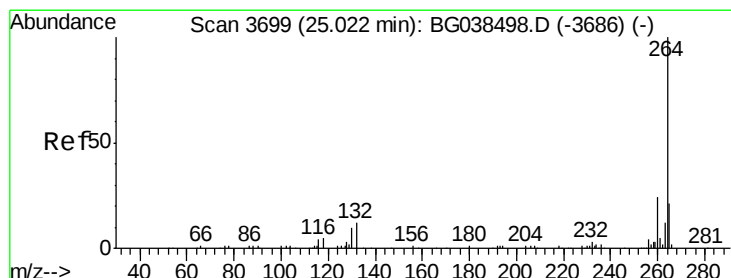
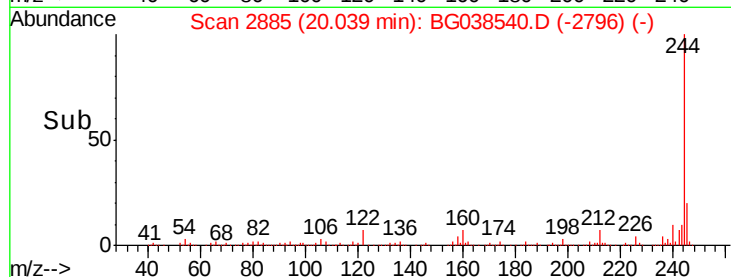
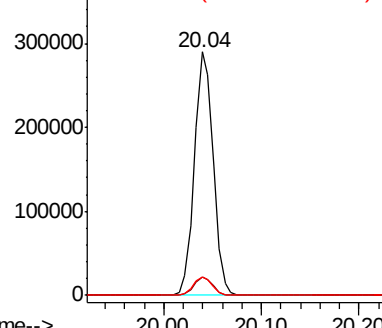
122 7.5 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038540.D

Acq: 13 Dec 2018 20:03

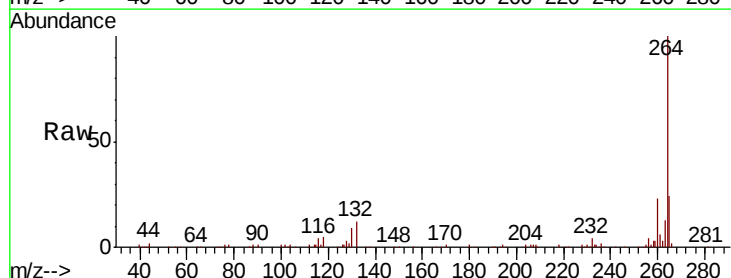
Tgt Ion:264 Resp: 216495

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 23.6 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

