

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038539.D
 Acq On : 13 Dec 2018 19:24
 Operator : JU/SJ
 Sample : J6157-11RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-TOTALRE

Quant Time: Dec 13 22:36:33 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

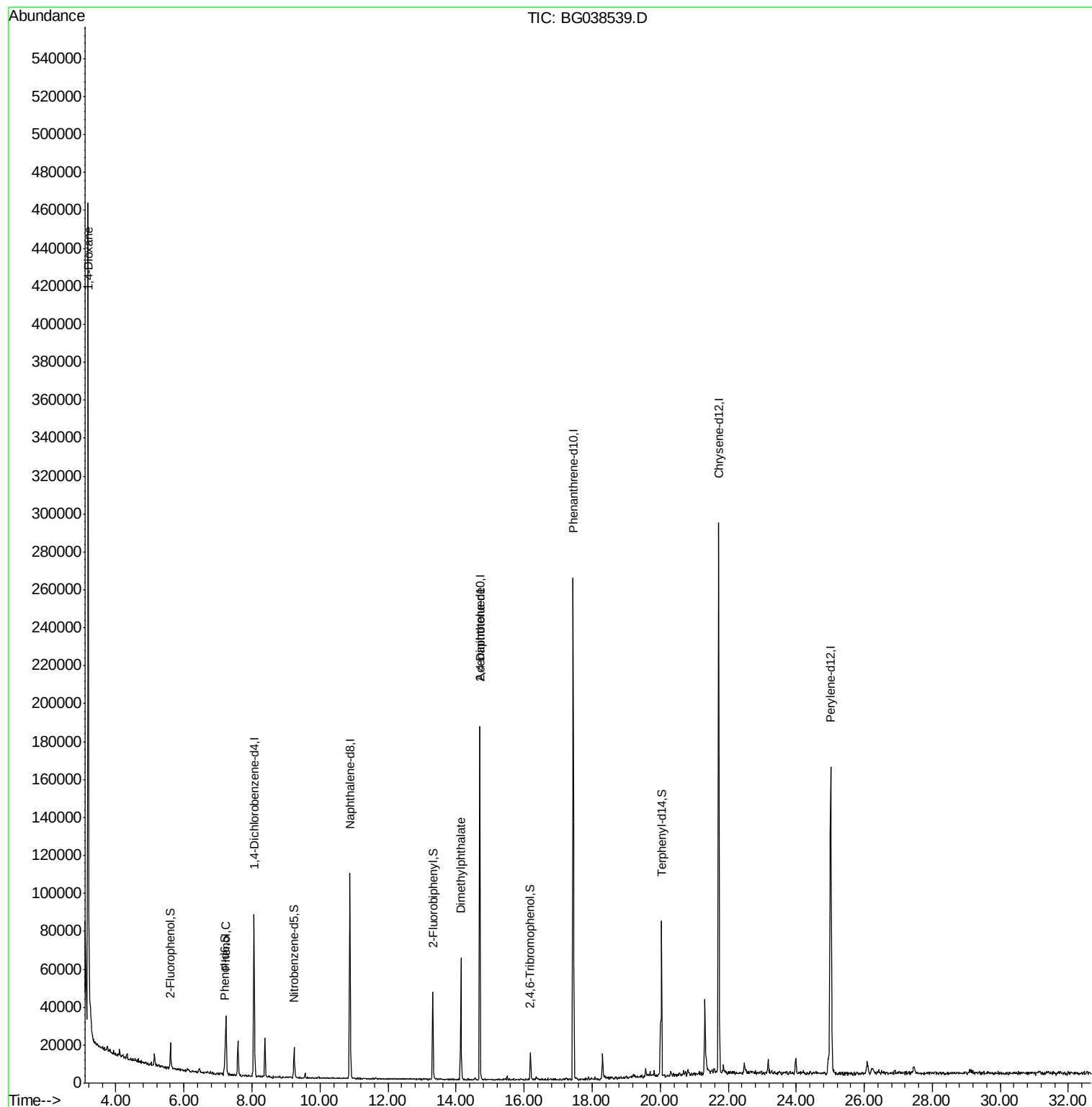
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24266	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98524	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67245	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	176009	20.00	ng	0.00
76) Chrysene-d12	21.72	240	184785	20.00	ng	0.00
87) Perylene-d12	25.02	264	194240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	6795	4.97	ng	0.00
7) Phenol-d6	7.21	99	7042	3.75	ng	0.00
23) Nitrobenzene-d5	9.24	82	11706	6.07	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	4015	4.33	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	28423	5.80	ng	0.00
79) Terphenyl-d14	20.04	244	41497	4.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	4548	7.143	ng	Qvalue
10) Phenol	7.24	94	18582	9.312	ng	# 1
50) Dimethylphthalate	14.14	163	47331	8.619	ng	97
57) 2,4-Dinitrotoluene	14.69	165	8589	4.900	ng	# 21

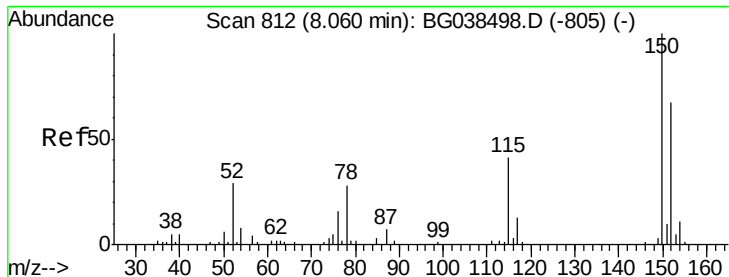
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

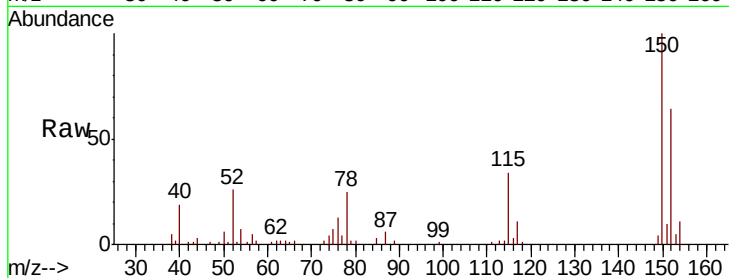
Tgt Ion:152 Resp: 24266

Ion Ratio Lower Upper

152 100

150 157.0 119.5 179.3

115 53.1 49.6 74.4

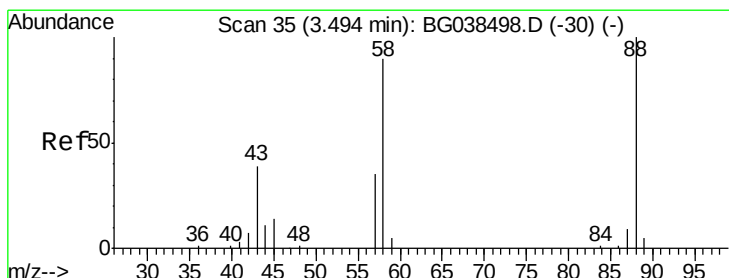
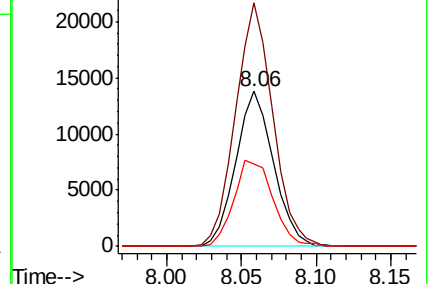
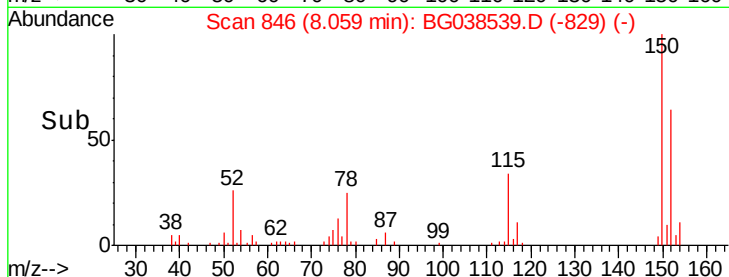


Abundance

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



#2

1,4-Dioxane

Concen: 7.143 ng

RT: 3.18 min Scan# 16

Delta R.T. -0.31 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

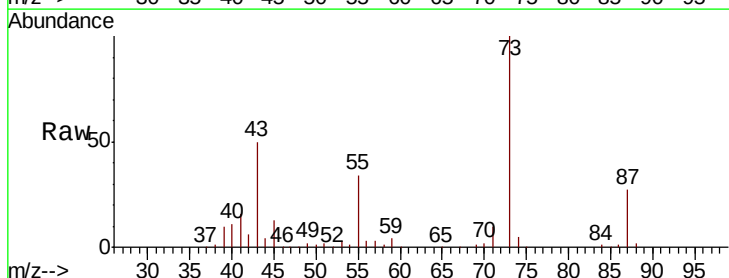
Tgt Ion: 88 Resp: 4548

Ion Ratio Lower Upper

88 100

58 31.4 75.7 113.5#

43 2572.2 31.6 47.4#

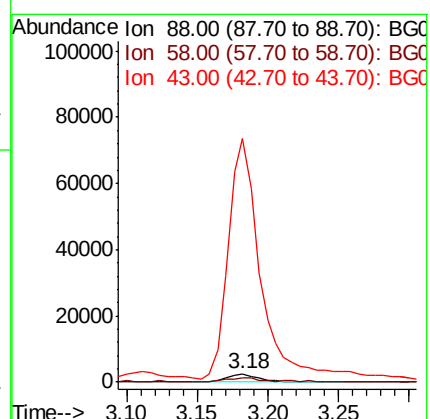
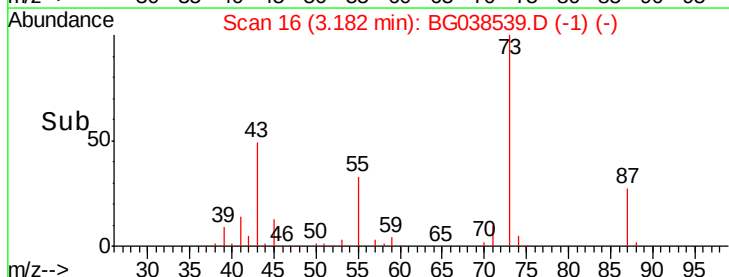


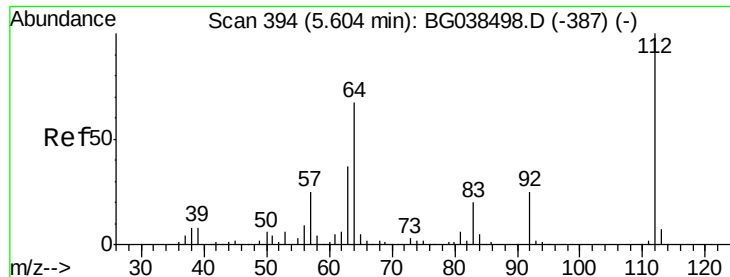
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 4.967 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

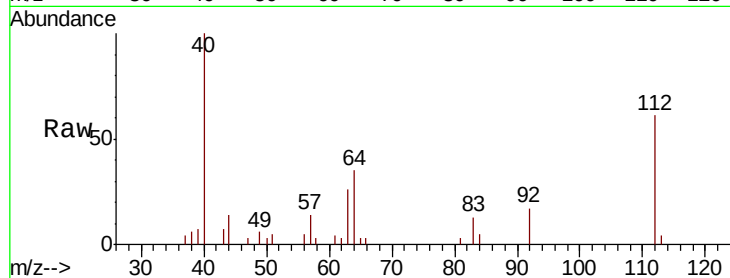
Tgt Ion: 112 Resp: 6795

Ion Ratio Lower Upper

112 100

64 58.1 53.4 80.2

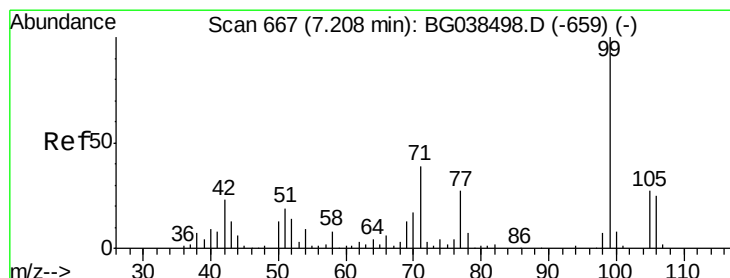
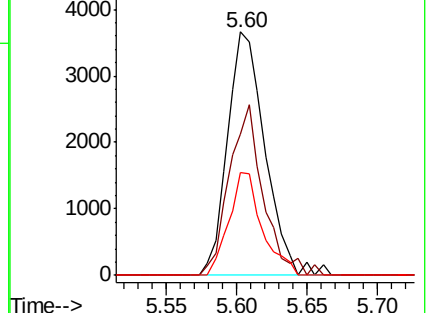
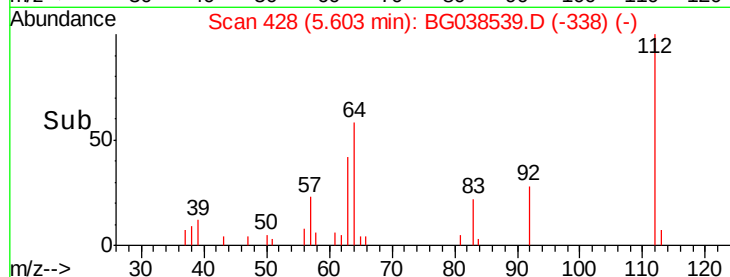
63 42.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 3.749 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

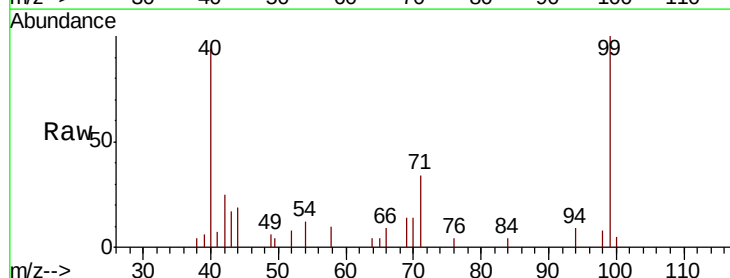
Tgt Ion: 99 Resp: 7042

Ion Ratio Lower Upper

99 100

42 24.7 18.5 27.7

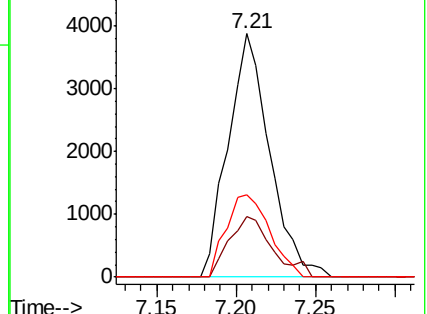
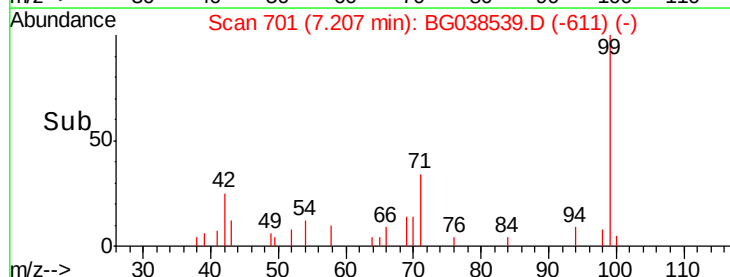
71 33.6 31.1 46.7

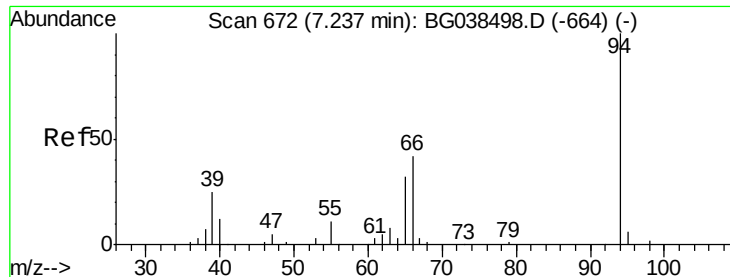


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 9.312 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

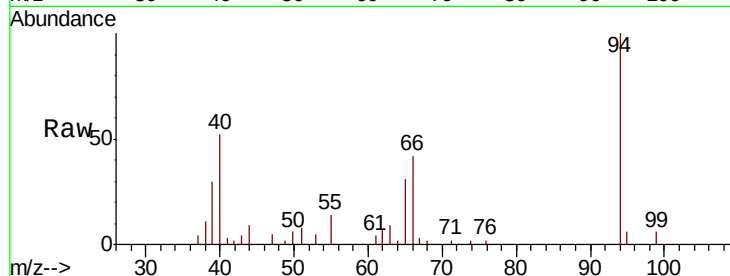
Tgt Ion: 94 Resp: 18582

Ion Ratio Lower Upper

94 100

65 31.5 12.6 52.6

66 41.5 24.1 64.1

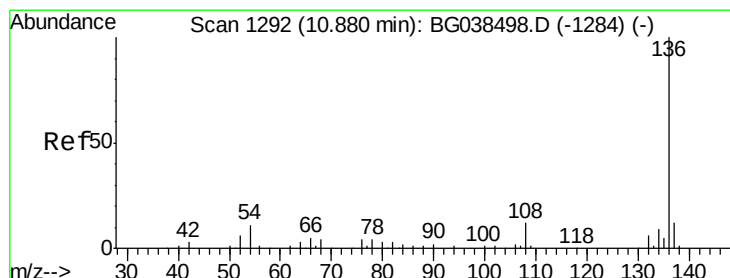
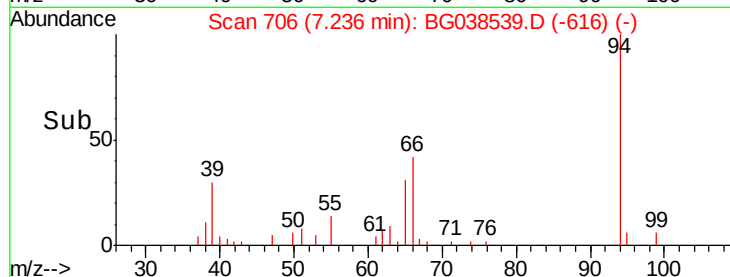
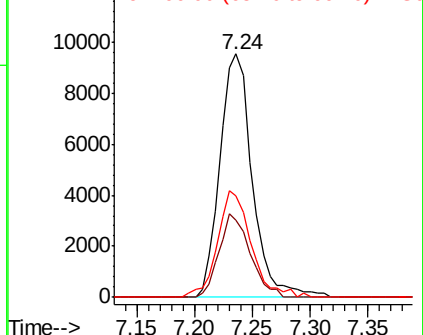


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Tgt Ion: 136 Resp: 98524

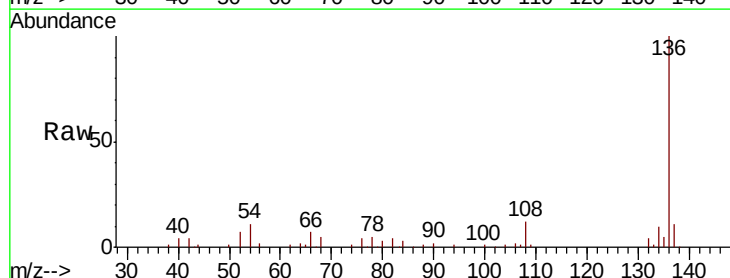
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 11.4 8.5 12.7

68 5.1 3.5 5.3



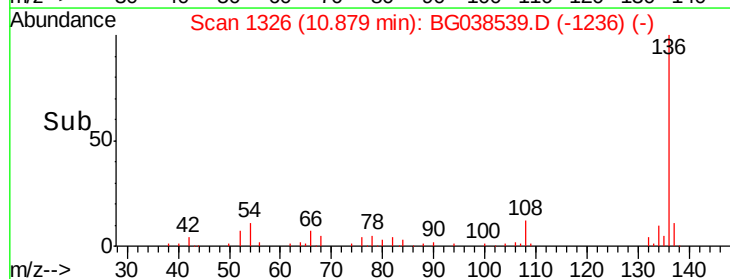
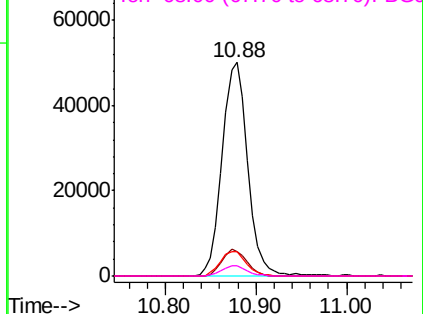
Abundance

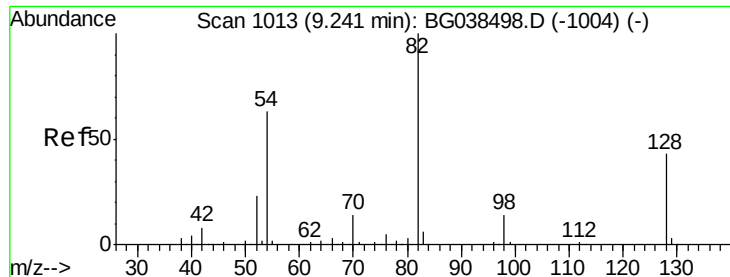
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

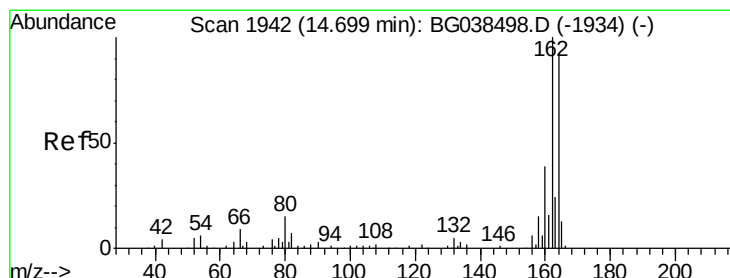
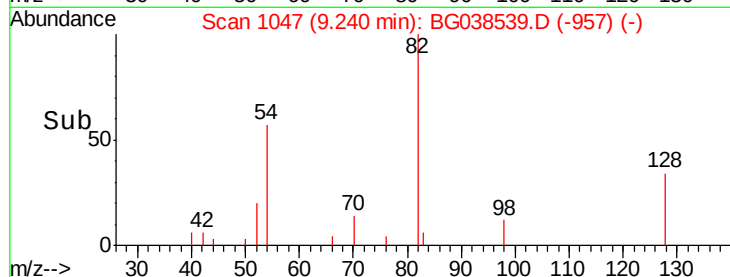
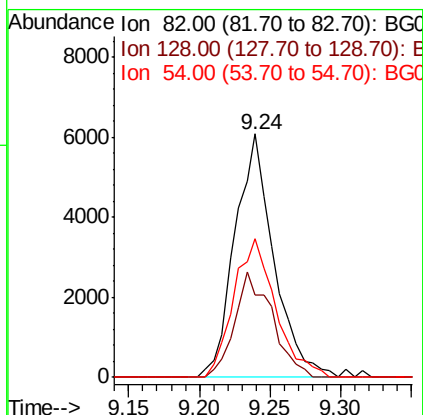
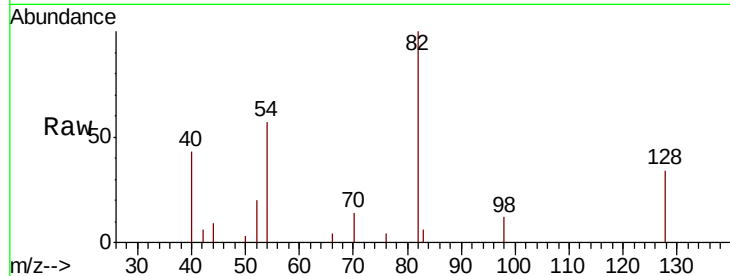




#23
 Nitrobenzene-d5
 Concen: 6.070 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038539.D
 Acq: 13 Dec 2018 19:24

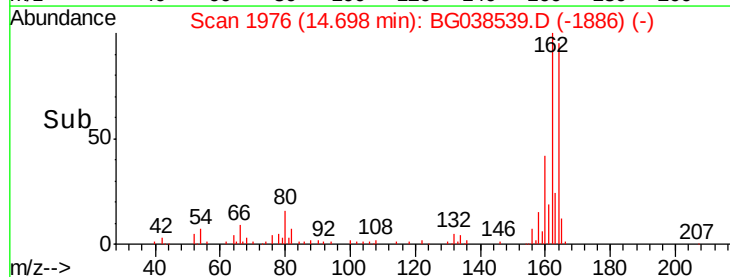
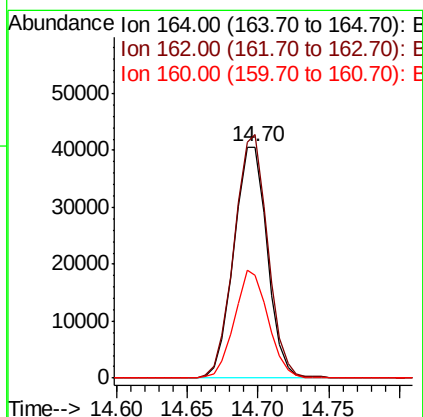
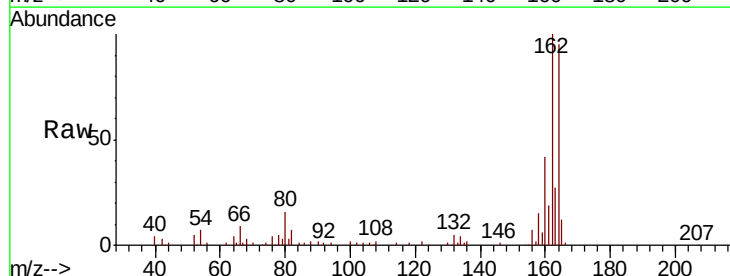
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-TOTALRE

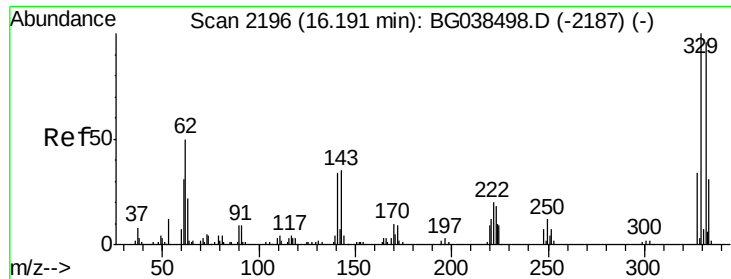
Tgt Ion: 82 Resp: 11706
 Ion Ratio Lower Upper
 82 100
 128 34.1 34.6 52.0#
 54 57.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038539.D
 Acq: 13 Dec 2018 19:24

Tgt Ion: 164 Resp: 67245
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.6 130.0
 160 44.5 34.2 51.2

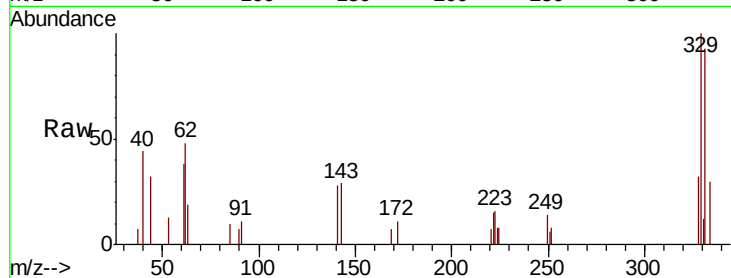




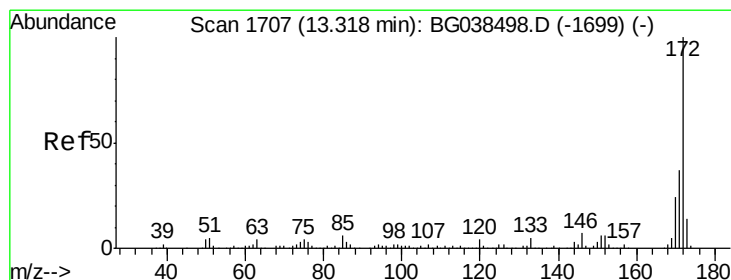
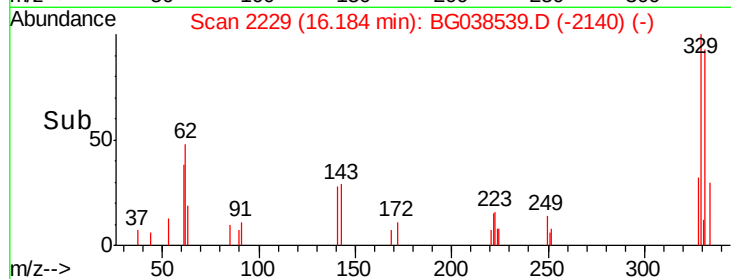
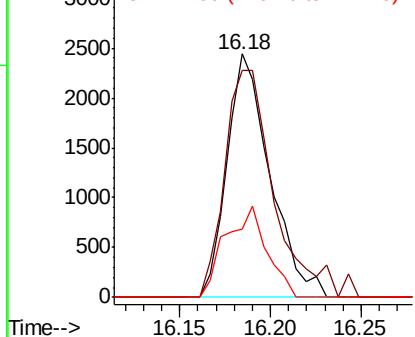
#42
 2,4,6-Tribromophenol
 Concen: 4.332 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038539.D
 Acq: 13 Dec 2018 19:24

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-TOTALRE

Tgt Ion:330 Resp: 4015
 Ion Ratio Lower Upper
 330 100
 332 108.2 76.9 115.3
 141 35.8 28.8 43.2

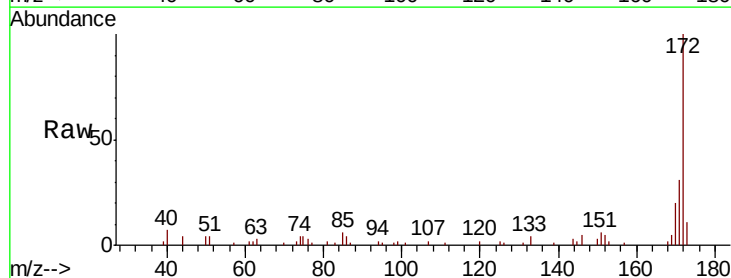


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

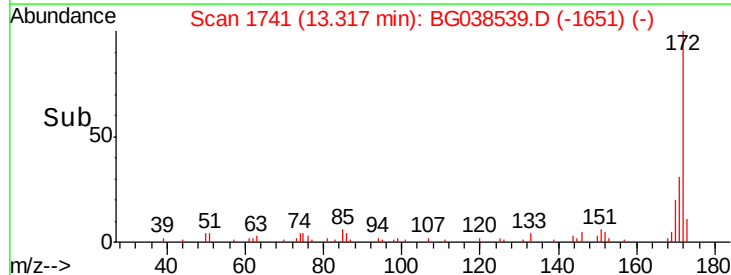
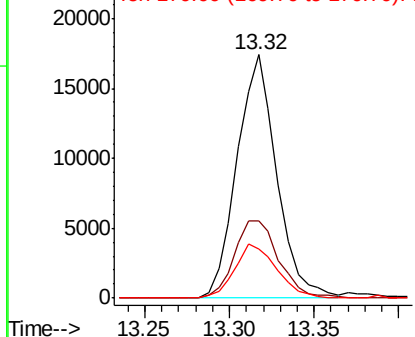


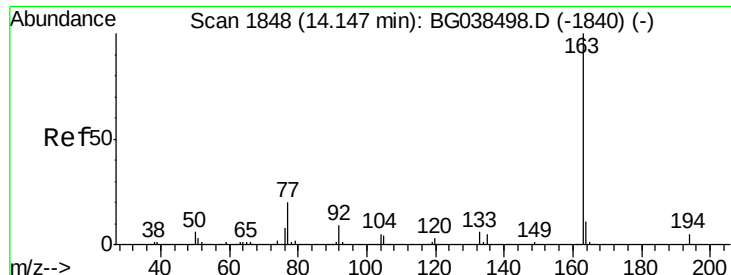
#45
 2-Fluorobiphenyl
 Concen: 5.799 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038539.D
 Acq: 13 Dec 2018 19:24

Tgt Ion:172 Resp: 28423
 Ion Ratio Lower Upper
 172 100
 171 31.5 29.8 44.6
 170 20.3 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: 8.619 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

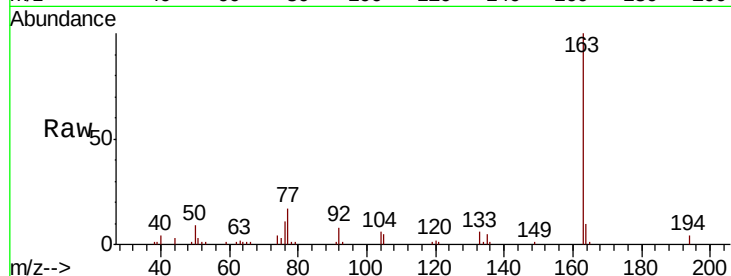
Tgt Ion:163 Resp: 47331

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

164 9.6 8.6 12.8

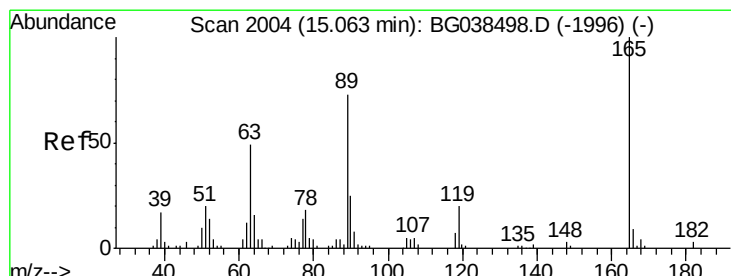
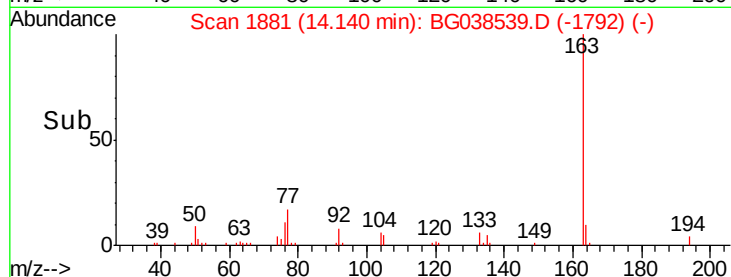
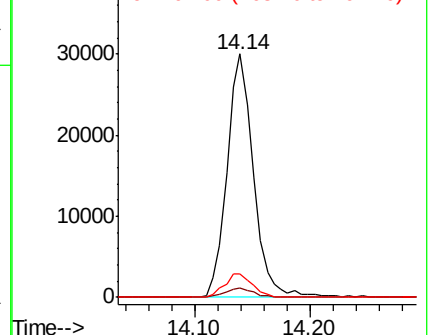


Abundance

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: 4.900 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Tgt Ion:165 Resp: 8589

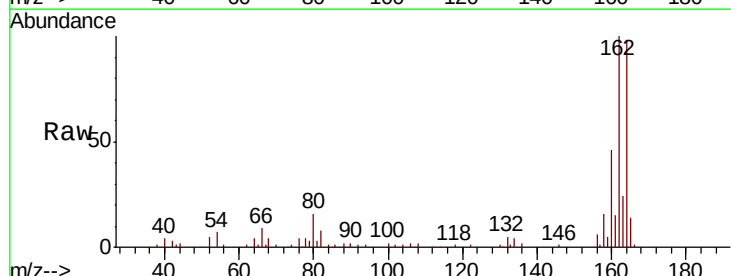
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#



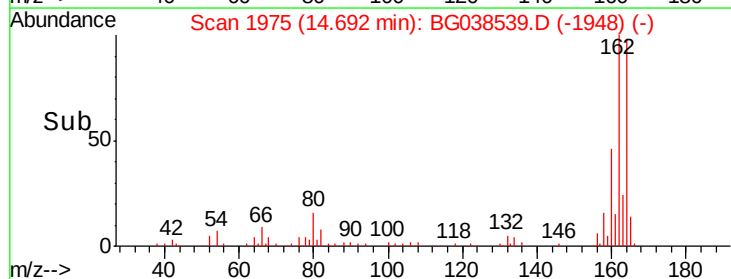
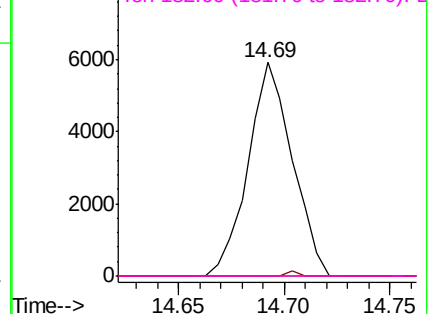
Abundance

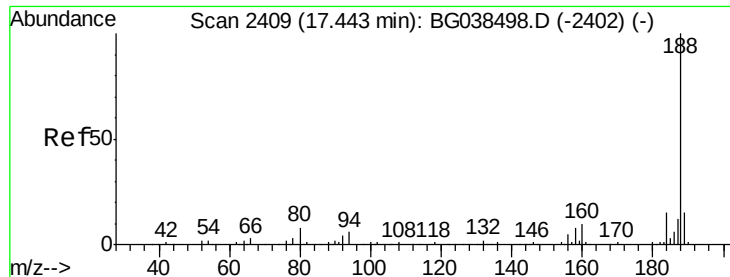
Ion 165.00 (164.70 to 165.70): E

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

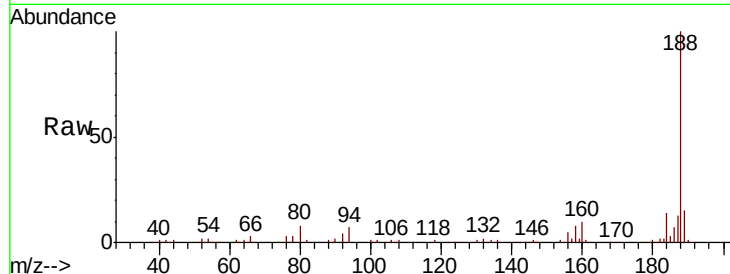




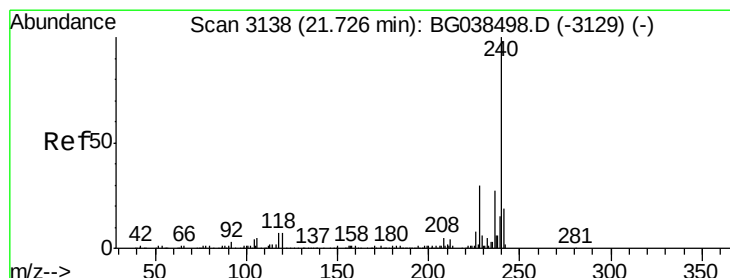
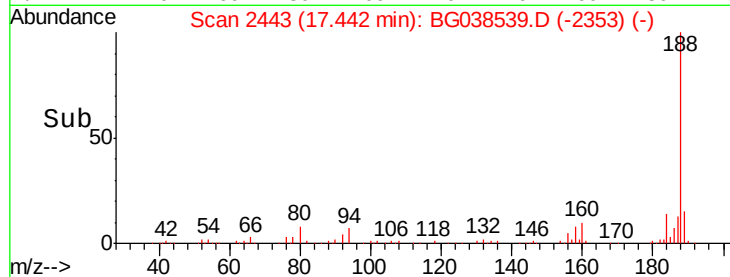
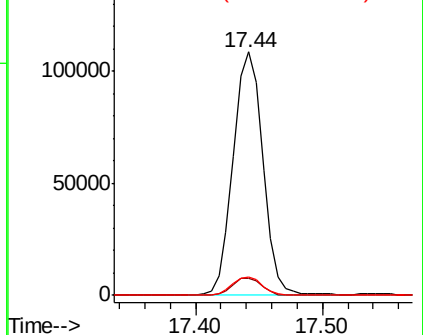
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-TOTALRE

Tgt Ion:188 Resp: 176009
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 7.5 6.1 9.1

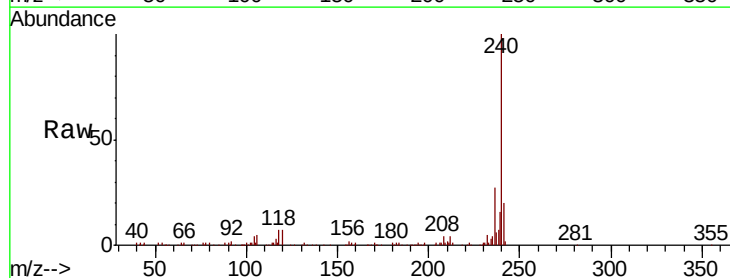


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

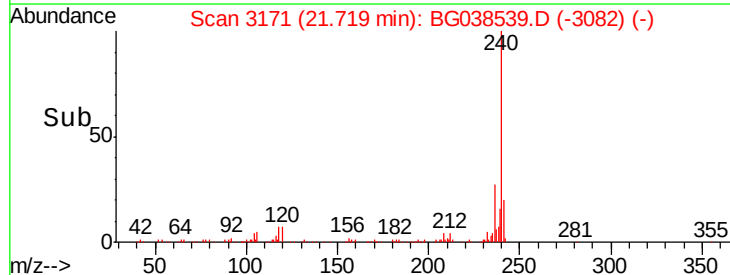
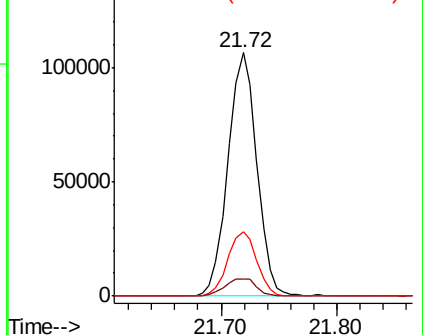


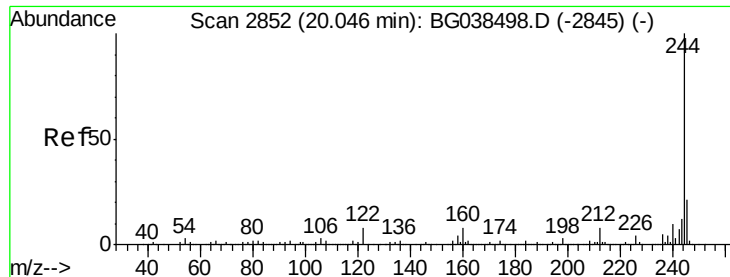
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

Tgt Ion:240 Resp: 184785
Ion Ratio Lower Upper
240 100
120 7.2 5.3 7.9
236 26.7 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: 4.887 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038539.D

Acq: 13 Dec 2018 19:24

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

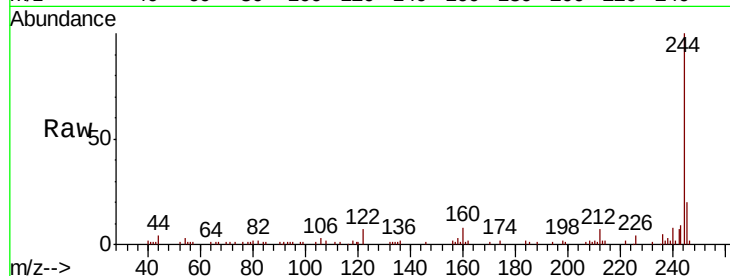
Tgt Ion:244 Resp: 41497

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

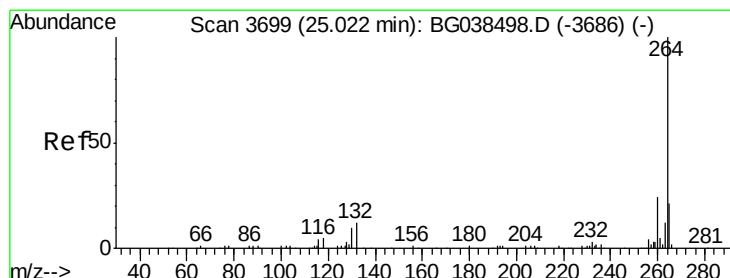
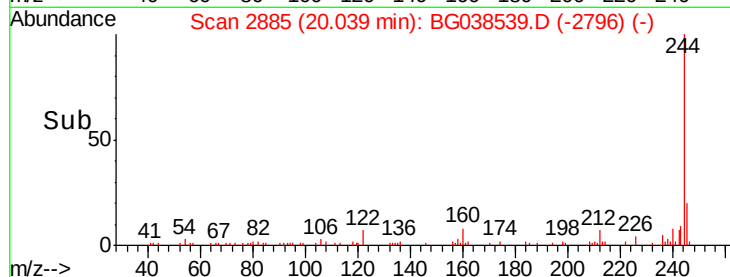
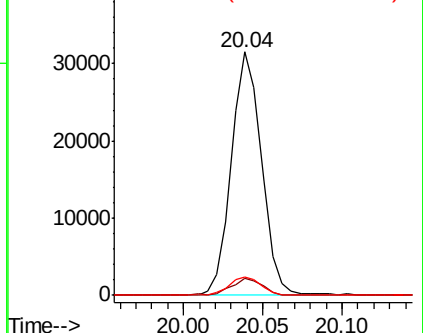
122 7.4 6.3 9.5



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: BG038539.D

Acq: 13 Dec 2018 19:24

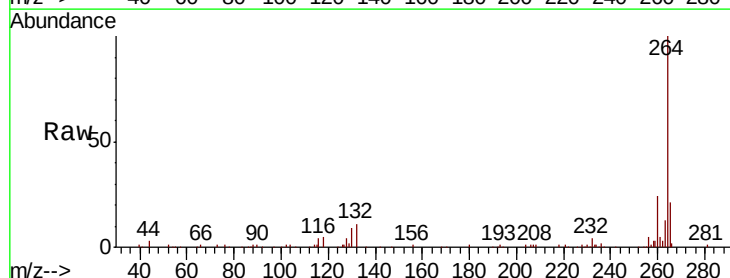
Tgt Ion:264 Resp: 194240

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.1 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

