

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038537.D
 Acq On : 13 Dec 2018 18:05
 Operator : JU/SJ
 Sample : J6157-09RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-5-TOTALRE

Quant Time: Dec 13 22:36:16 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

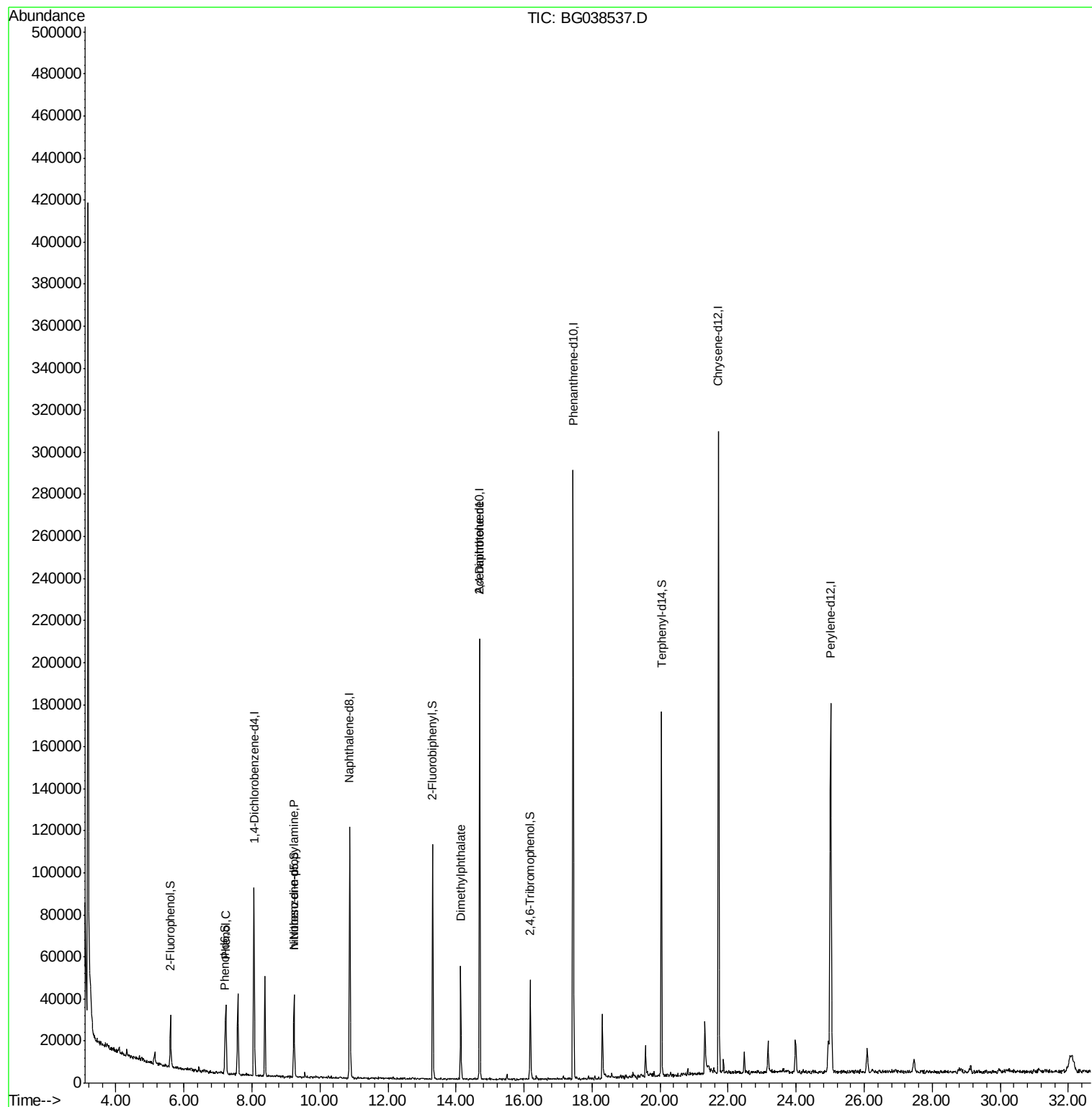
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26748	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	108209	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	73313	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	184680	20.00	ng	0.00
76) Chrysene-d12	21.72	240	190820	20.00	ng	-0.01
87) Perylene-d12	25.01	264	202838	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	11696	7.76	ng	0.00
7) Phenol-d6	7.20	99	11472	5.54	ng	0.00
23) Nitrobenzene-d5	9.24	82	26572	12.55	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	11178	11.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	63561	11.89	ng	0.00
79) Terphenyl-d14	20.04	244	89932	10.26	ng	0.00
Target Compounds						
10) Phenol	7.23	94	16686	7.586	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.24	70	3113	2.141	ng	# 64
50) Dimethylphthalate	14.14	163	39764	6.642	ng	# 97
57) 2,4-Dinitrotoluene	14.69	165	9251	4.841	ng	# 21

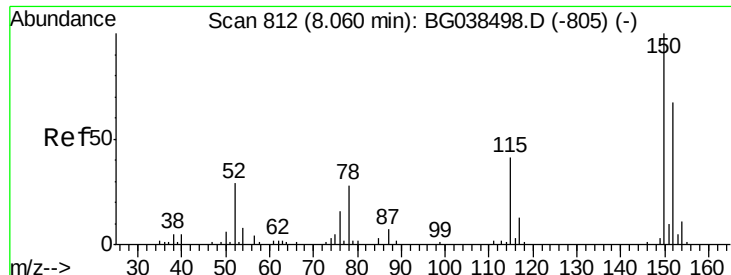
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



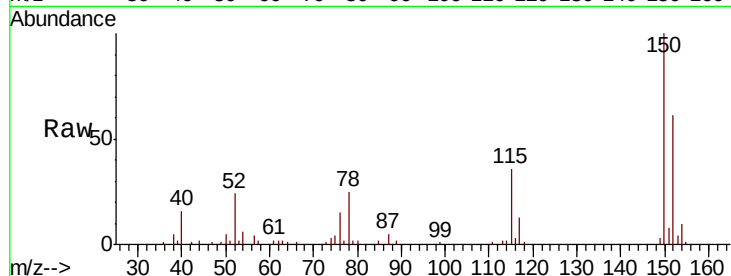


#1

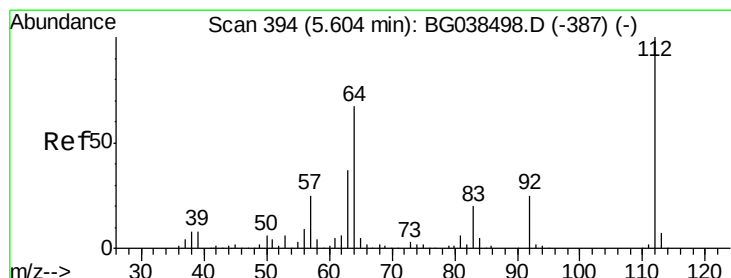
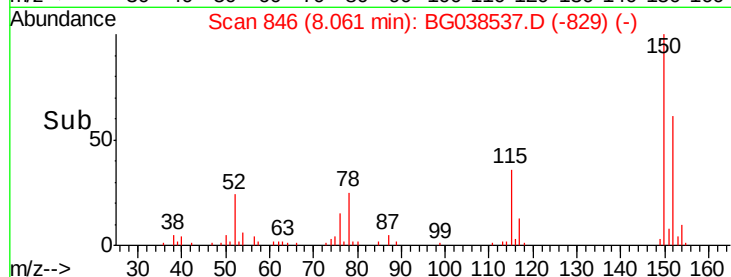
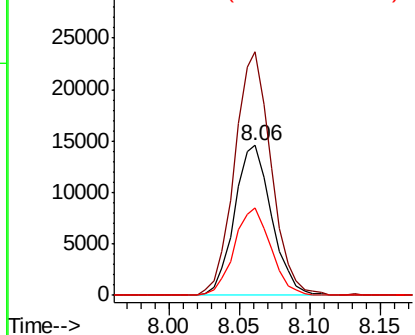
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-TOTALRE

Tgt Ion:152 Resp: 26748
Ion Ratio Lower Upper
152 100
150 162.6 119.5 179.3
115 58.3 49.6 74.4



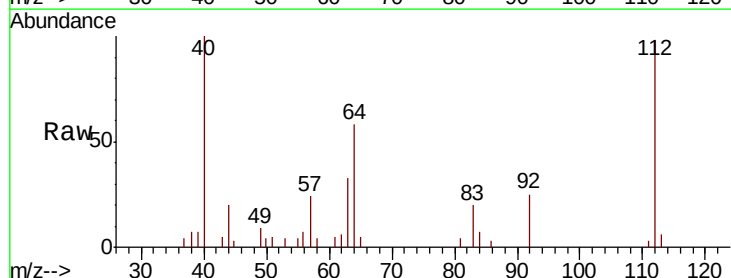
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



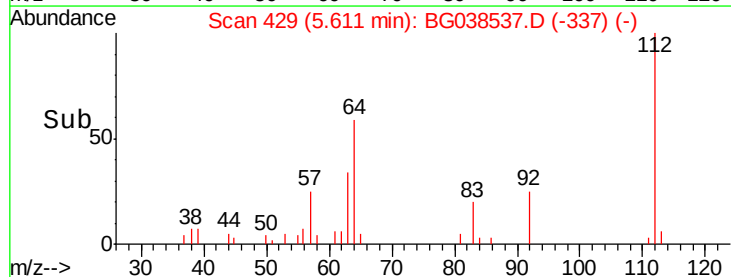
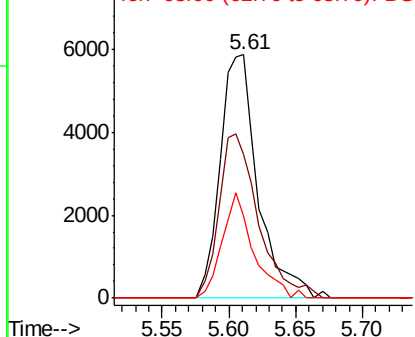
#5

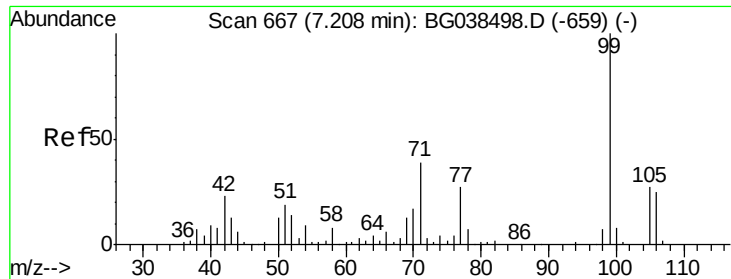
2-Fluorophenol
Concen: 7.756 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

Tgt Ion:112 Resp: 11696
Ion Ratio Lower Upper
112 100
64 59.2 53.4 80.2
63 33.8 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: 5.541 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038537.D

Acq: 13 Dec 2018 18:05

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-5-TOTALRE

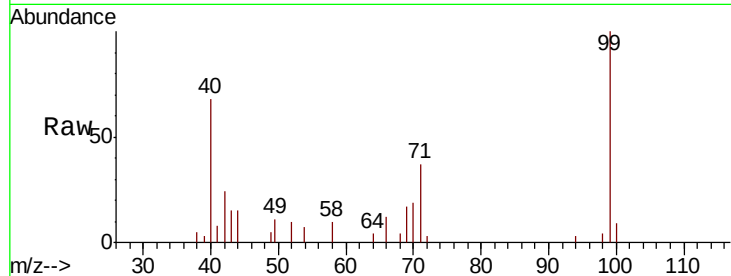
Tgt Ion: 99 Resp: 11472

Ion Ratio Lower Upper

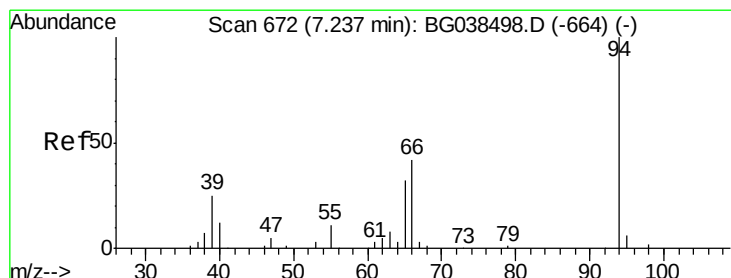
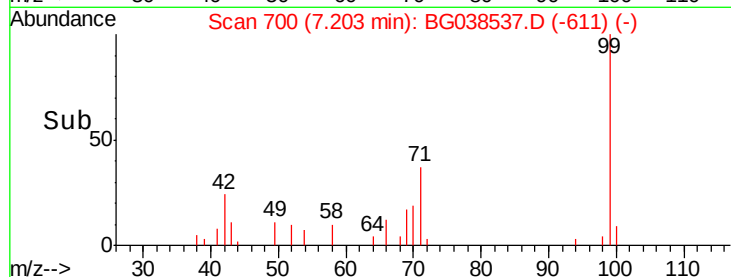
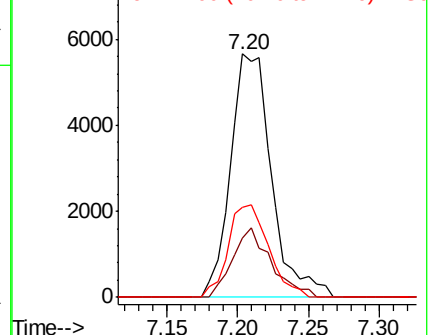
99 100

42 24.3 18.5 27.7

71 37.2 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: 7.586 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038537.D

Acq: 13 Dec 2018 18:05

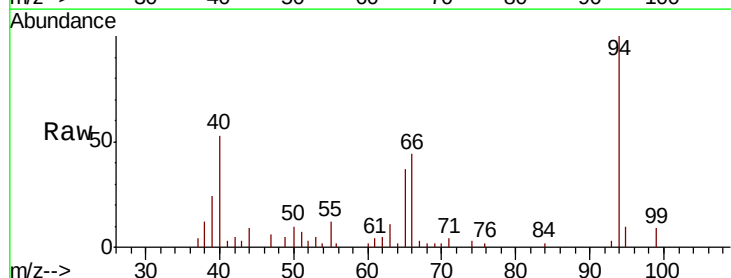
Tgt Ion: 94 Resp: 16686

Ion Ratio Lower Upper

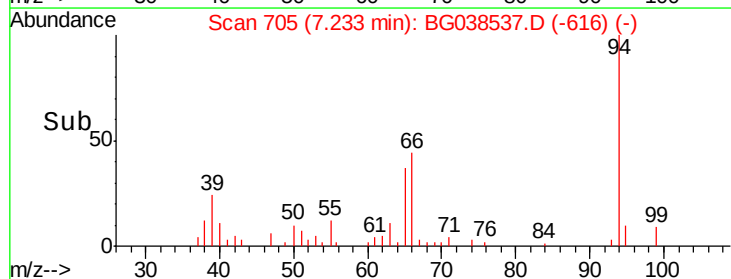
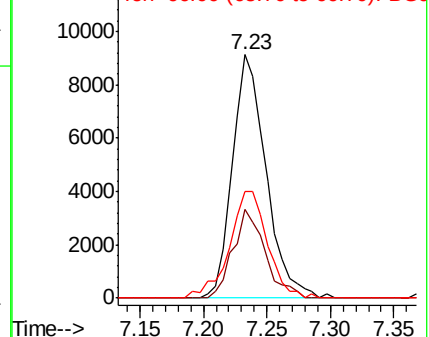
94 100

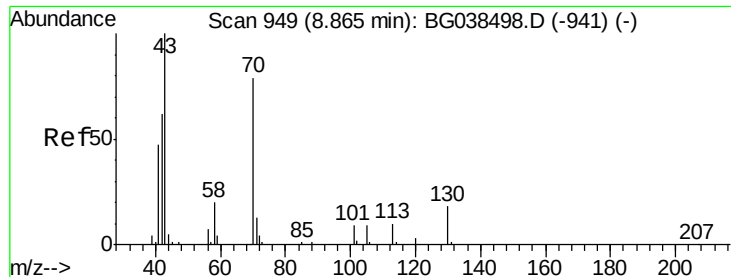
65 36.6 12.6 52.6

66 43.6 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

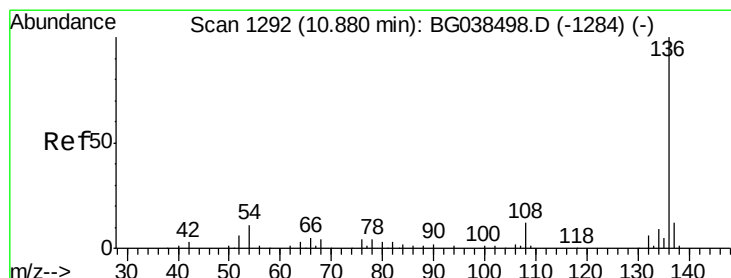
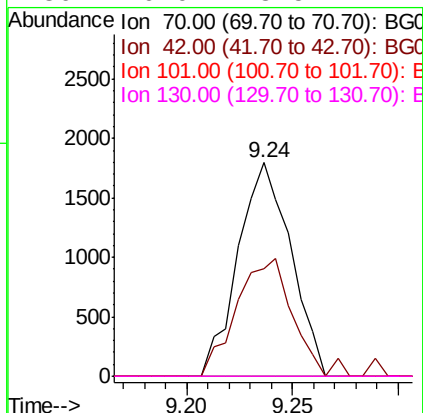
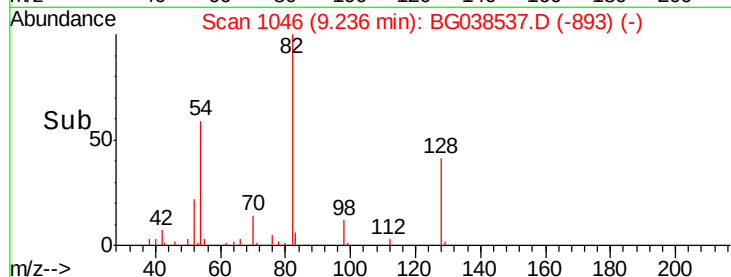
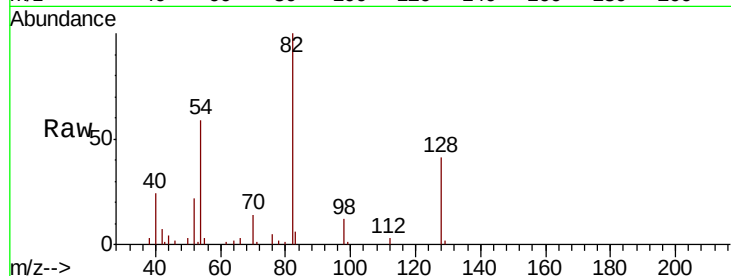




#19
n-Nitroso-di-n-propylamine
Concen: 2.141 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

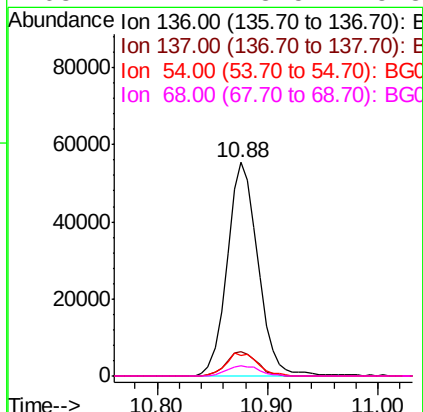
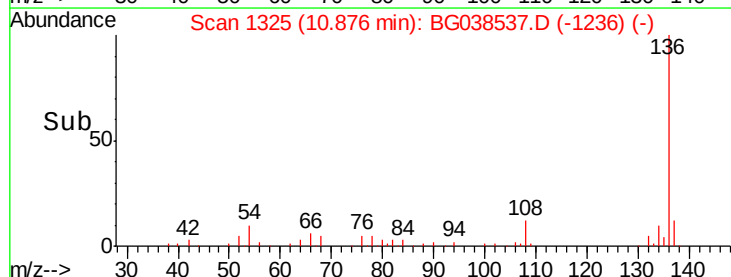
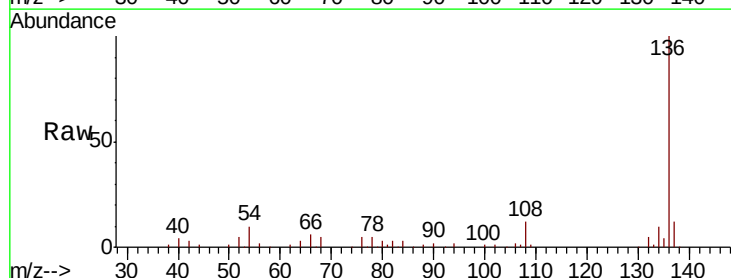
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-TOTALRE

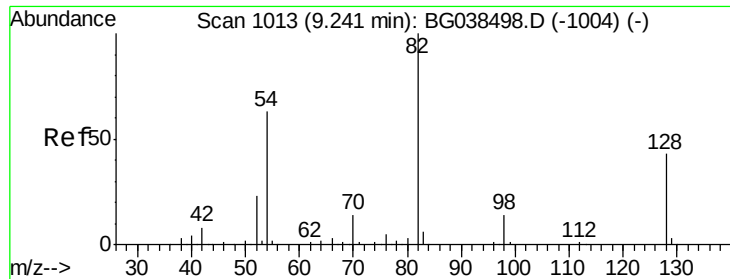
Tgt Ion: 70 Resp: 3113
Ion Ratio Lower Upper
70 100
42 50.6 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

Tgt Ion: 136 Resp: 108209
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 9.8 8.5 12.7
68 4.7 3.5 5.3

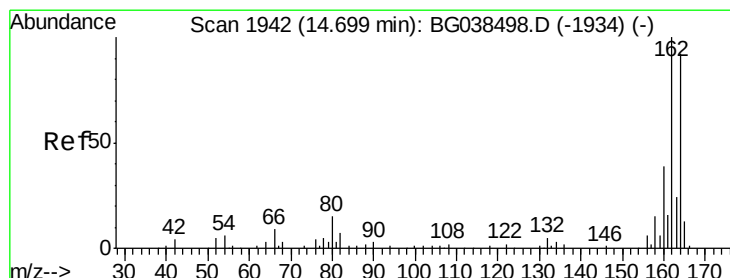
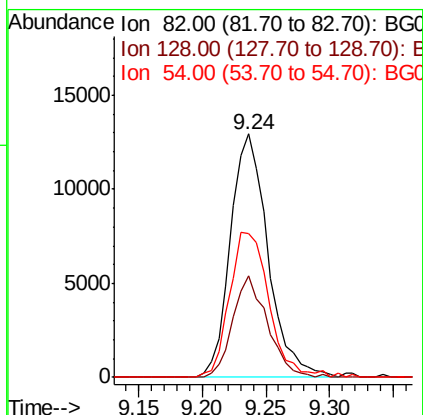
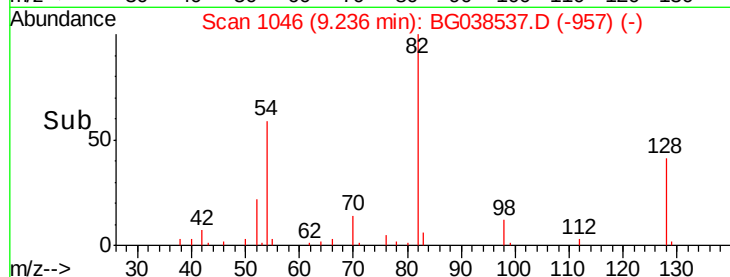
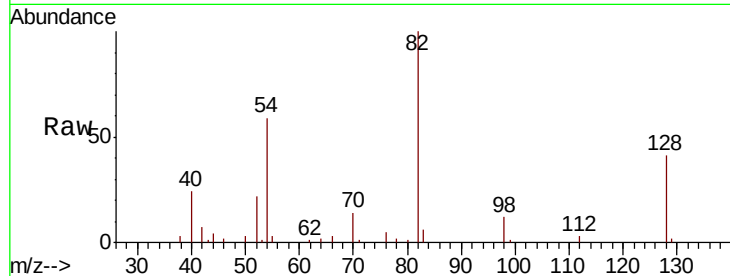




#23
Nitrobenzene-d5
Concen: 12.545 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

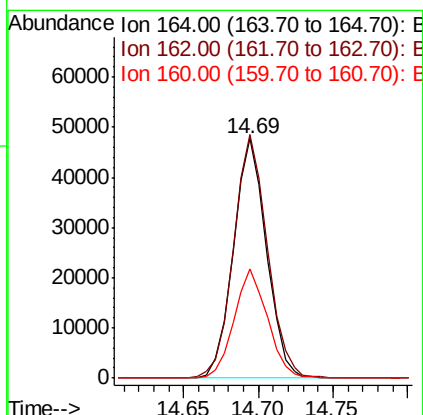
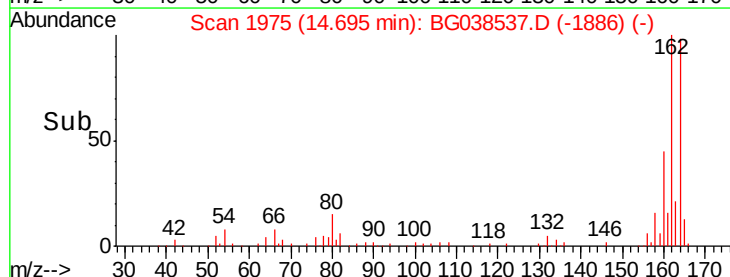
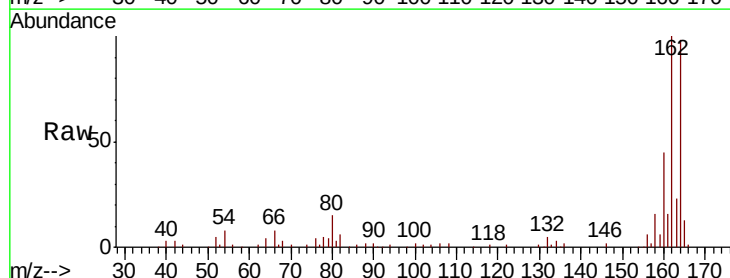
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-TOTALRE

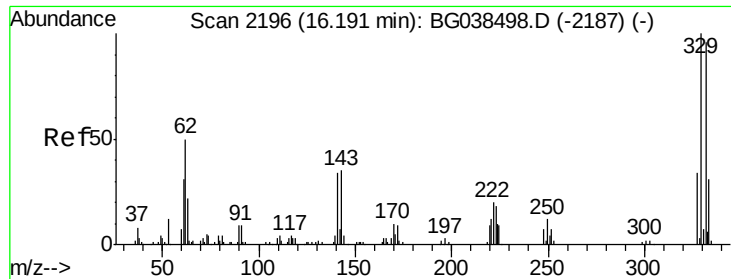
Tgt Ion: 82 Resp: 26572
Ion Ratio Lower Upper
82 100
128 41.4 34.6 52.0
54 59.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

Tgt Ion: 164 Resp: 73313
Ion Ratio Lower Upper
164 100
162 101.6 86.6 130.0
160 45.5 34.2 51.2

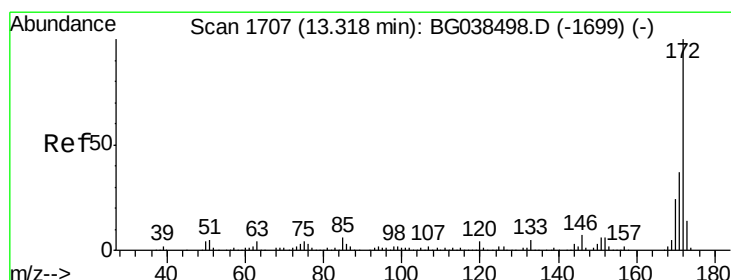
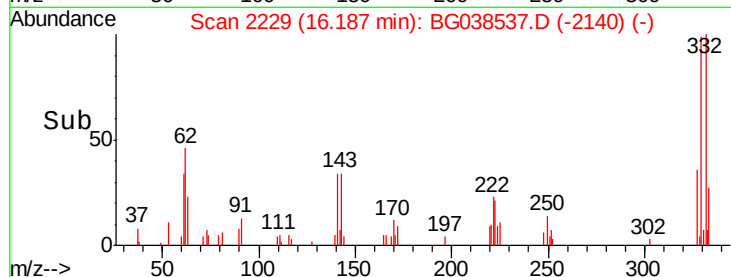
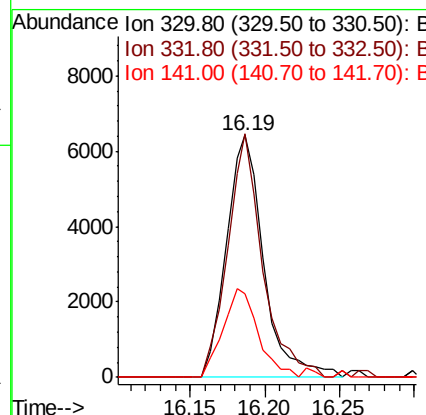
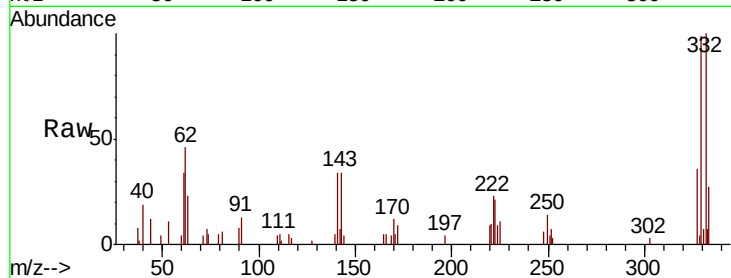




#42
 2,4,6-Tribromophenol
 Concen: 11.063 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038537.D
 Acq: 13 Dec 2018 18:05

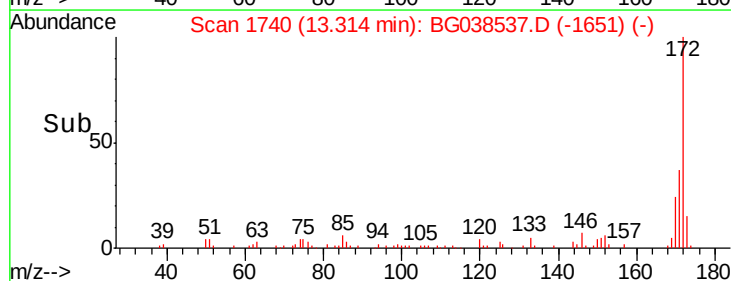
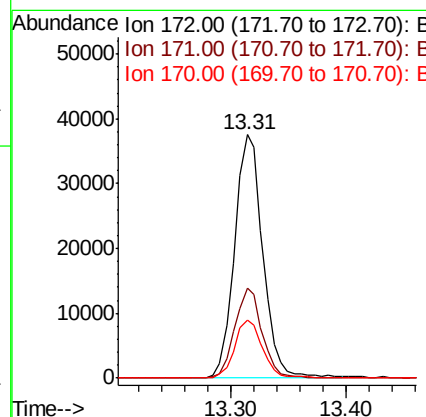
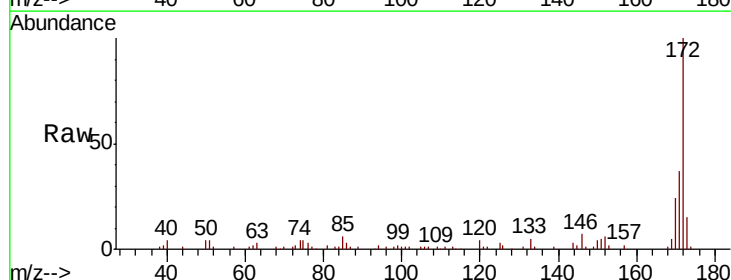
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-5-TOTALRE

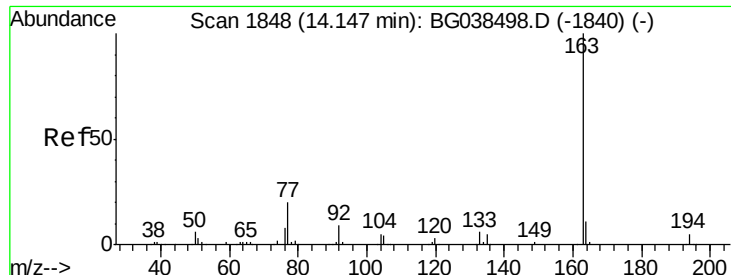
Tgt Ion:330 Resp: 11178
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 34.5 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 11.894 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038537.D
 Acq: 13 Dec 2018 18:05

Tgt Ion:172 Resp: 63561
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 23.6 19.5 29.3





#50

Dimethylphthalate

Concen: 6.642 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038537.D

Acq: 13 Dec 2018 18:05

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-5-TOTALRE

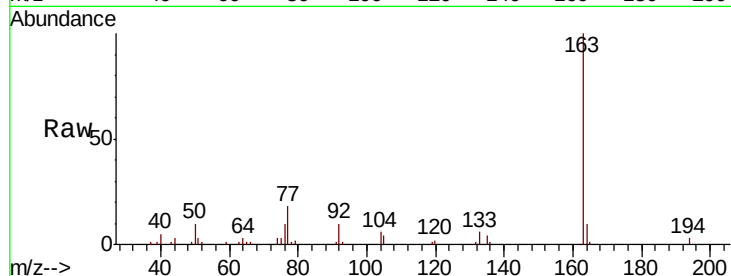
Tgt Ion:163 Resp: 39764

Ion Ratio Lower Upper

163 100

194 3.3 3.7 5.5#

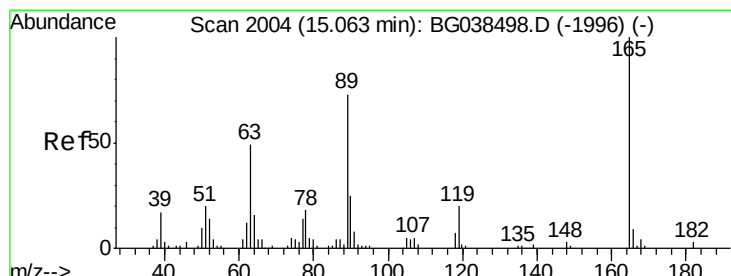
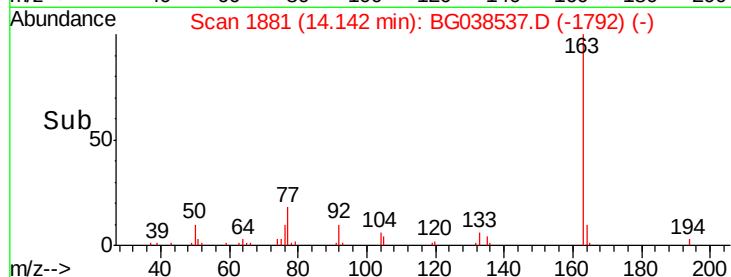
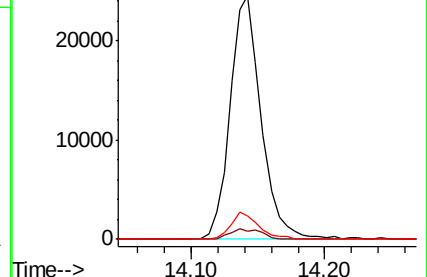
164 9.6 8.6 12.8



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: 4.841 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038537.D

Acq: 13 Dec 2018 18:05

Tgt Ion:165 Resp: 9251

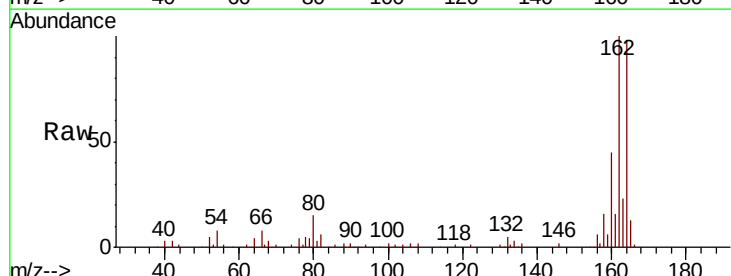
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

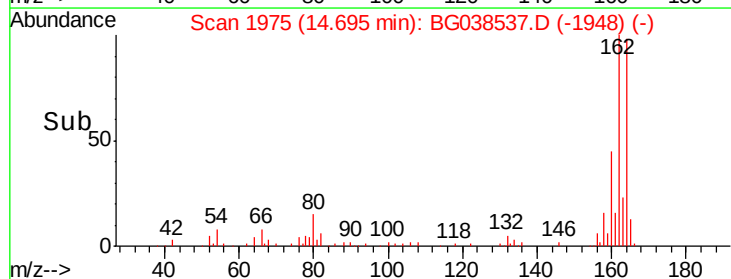
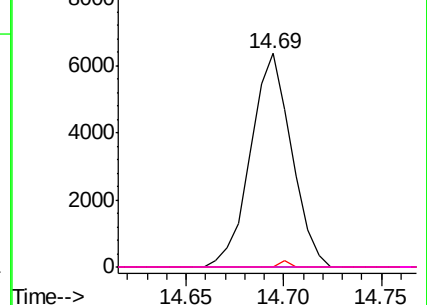


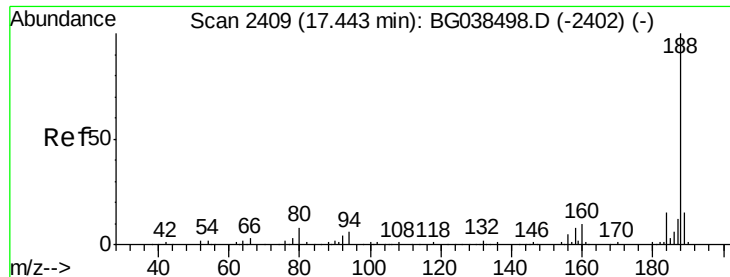
Abundance Ion 165.00 (164.70 to 165.70): E

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

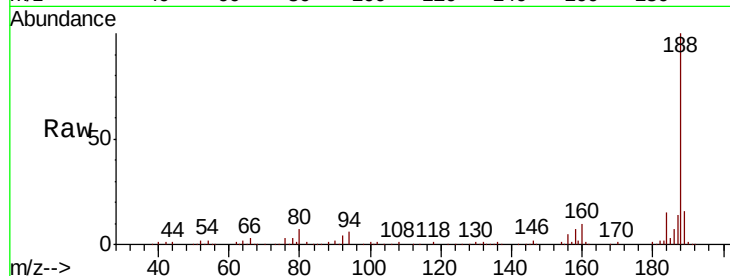




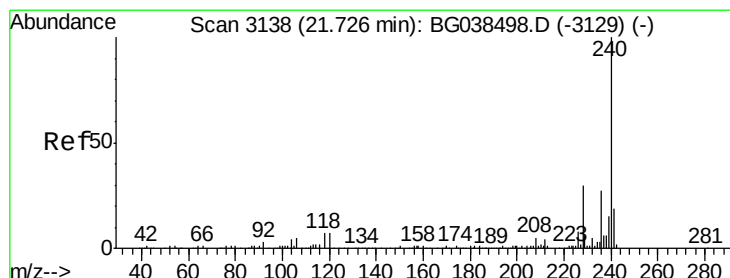
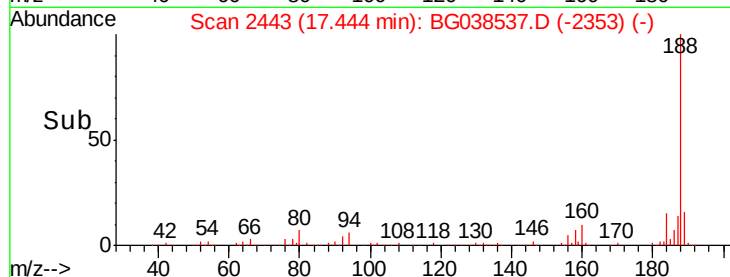
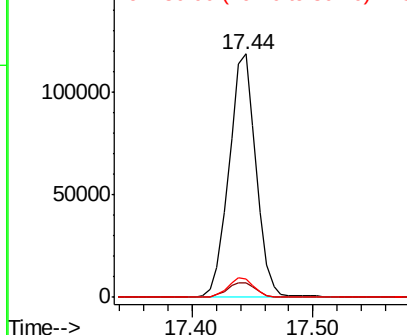
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-TOTALRE

Tgt Ion:188 Resp: 184680
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.3 6.1 9.1

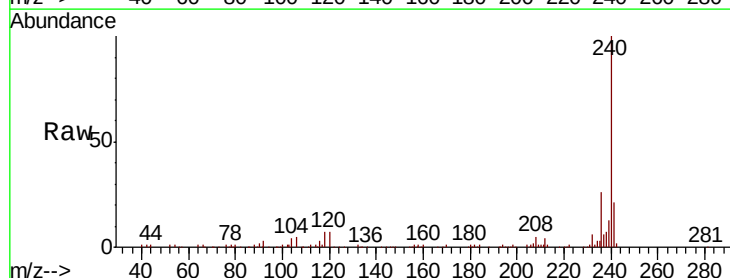


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

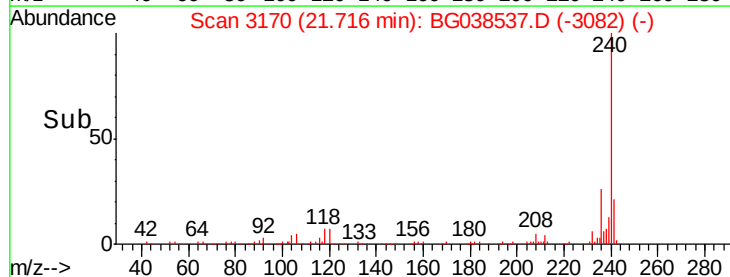
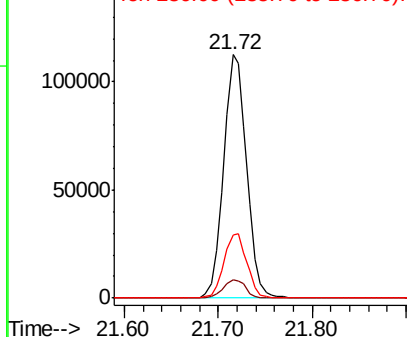


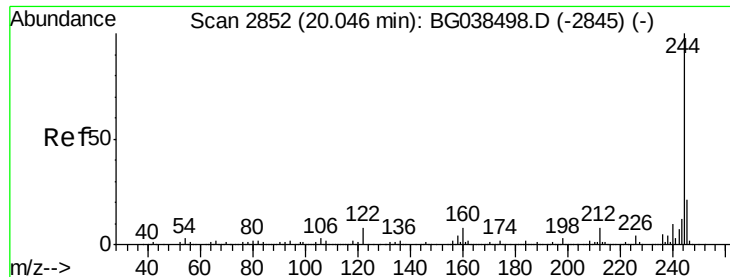
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038537.D
Acq: 13 Dec 2018 18:05

Tgt Ion:240 Resp: 190820
Ion Ratio Lower Upper
240 100
120 7.3 5.3 7.9
236 26.1 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: 10.257 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038537.D

Acq: 13 Dec 2018 18:05

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-5-TOTALRE

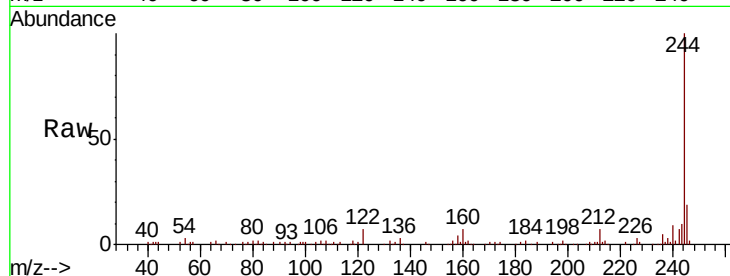
Tgt Ion:244 Resp: 89932

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

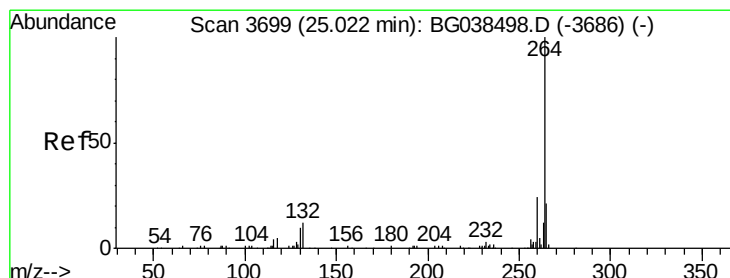
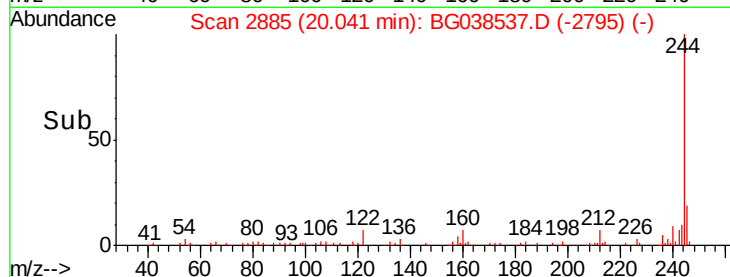
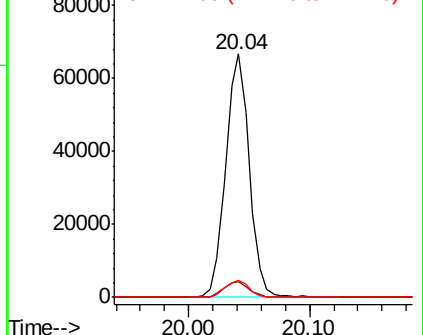
122 6.8 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038537.D

Acq: 13 Dec 2018 18:05

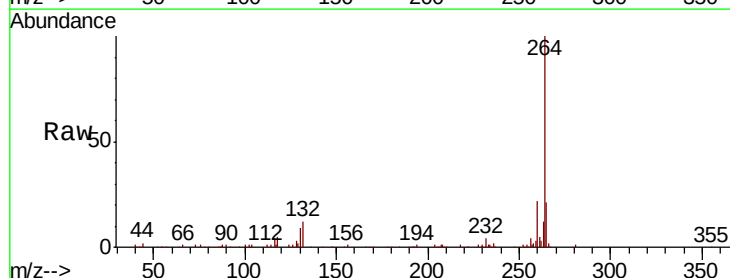
Tgt Ion:264 Resp: 202838

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 20.7 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

