

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 22:46:00 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

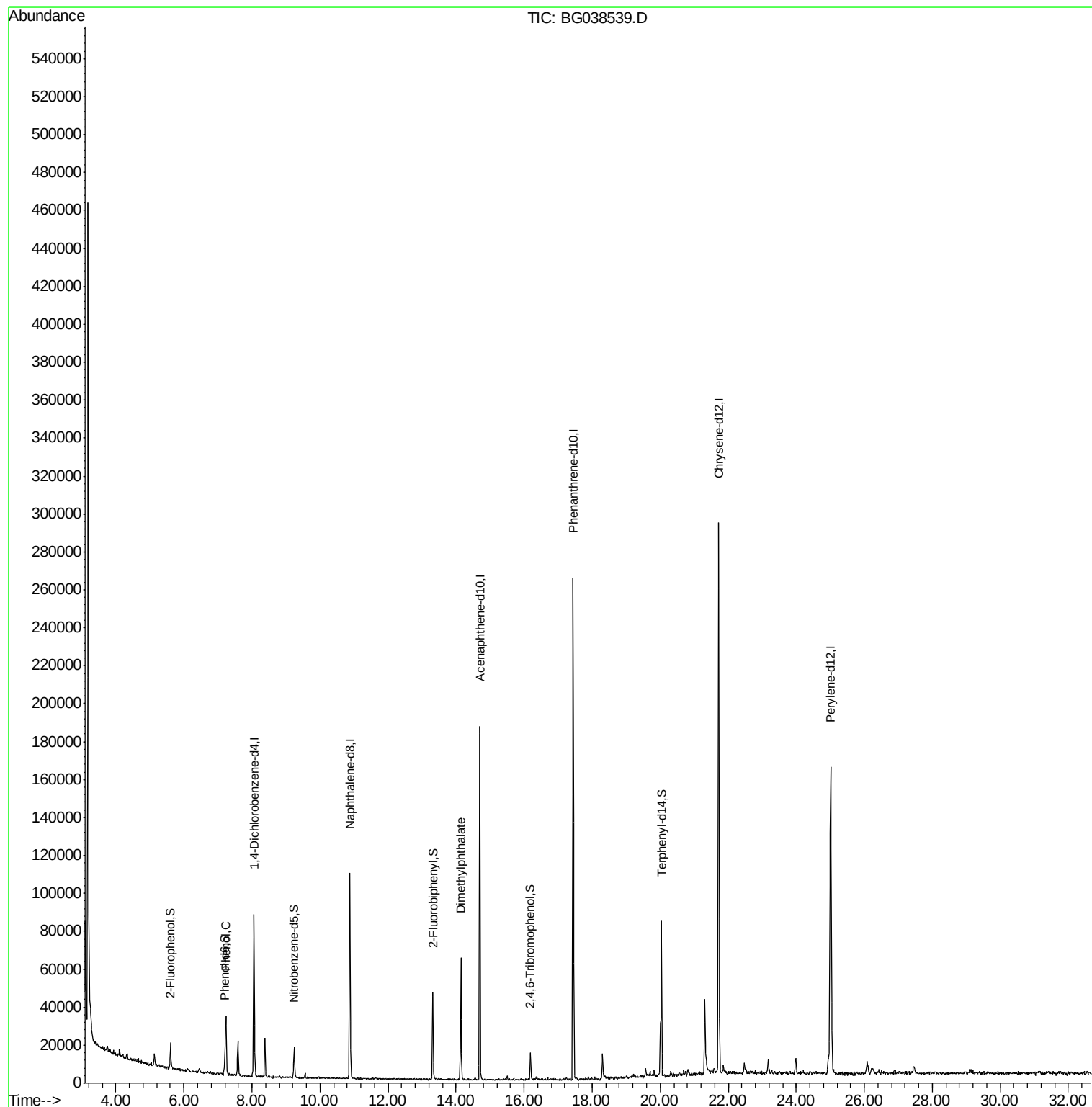
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24266	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98524	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67245	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	176009	20.00	ng	0.00
76) Chrysene-d12	21.72	240	184785	20.00	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						
10) Phenol	7.24	94	18582	9.312	ng	97
50) Dimethylphthalate	14.14	163	47331	8.619	ng	97

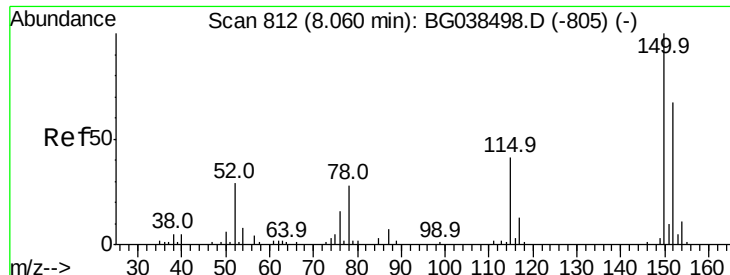
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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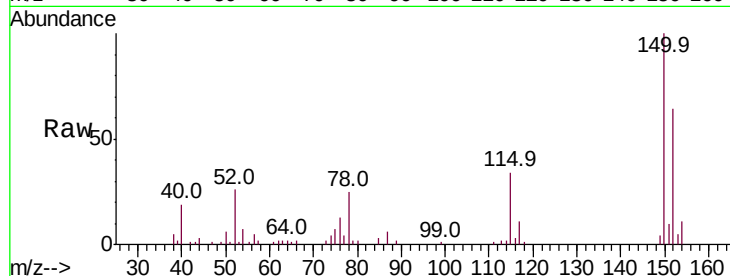


#1

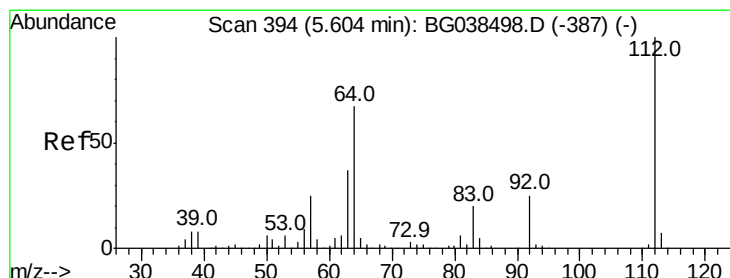
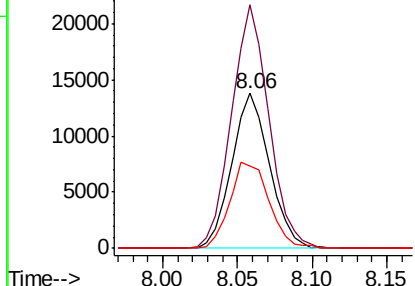
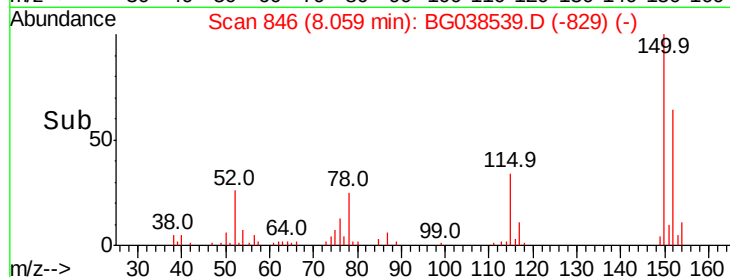
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-TOTALRE

Tot Ion:152 Resp: 24266
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 53.1 49.6 74.4



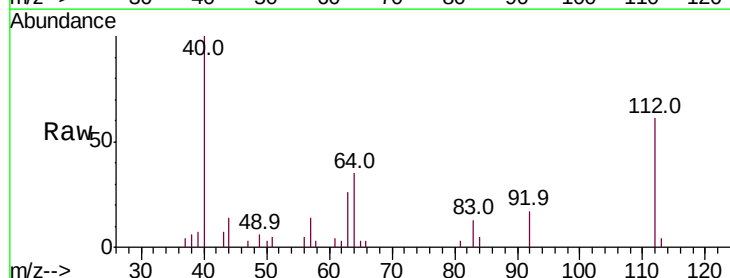
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



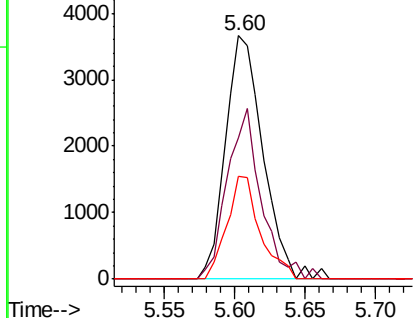
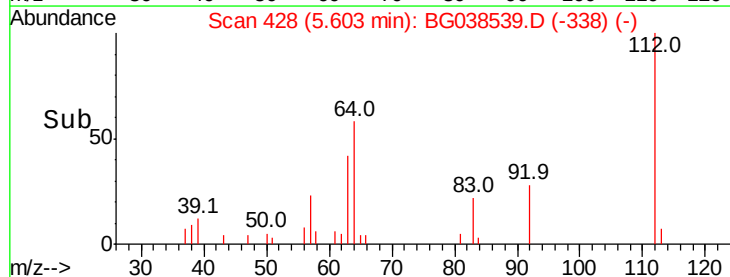
#5

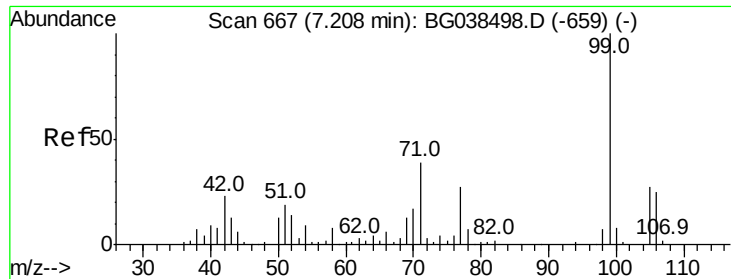
2-Fluorophenol
Concen: 4.967 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

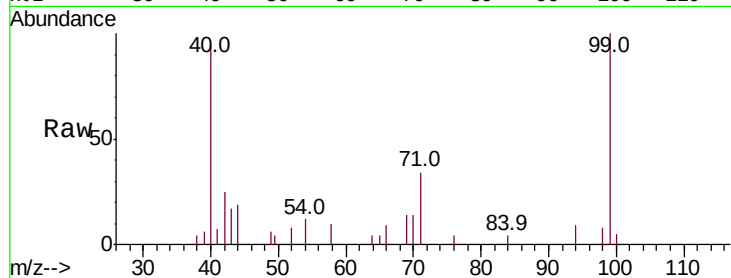
Tot Ion: 99 Resp: 7042

Ion Ratio Lower Upper

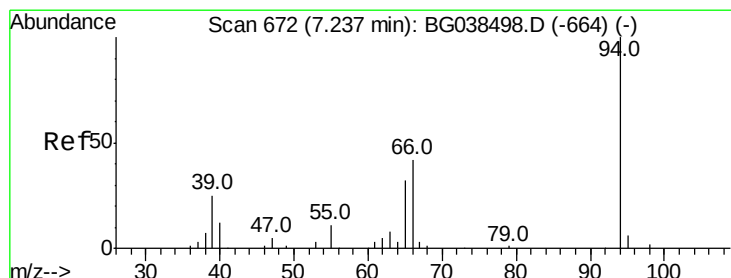
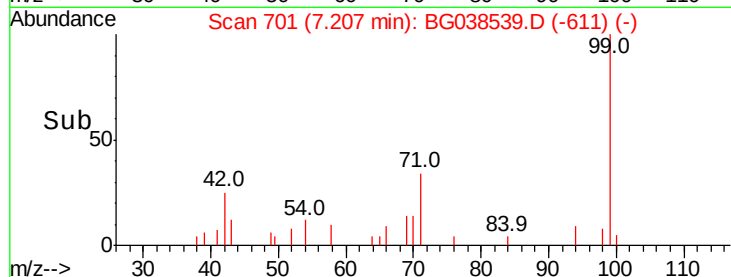
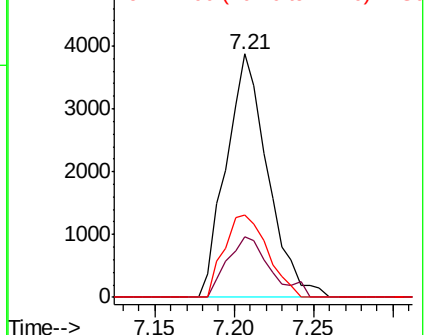
99 100

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

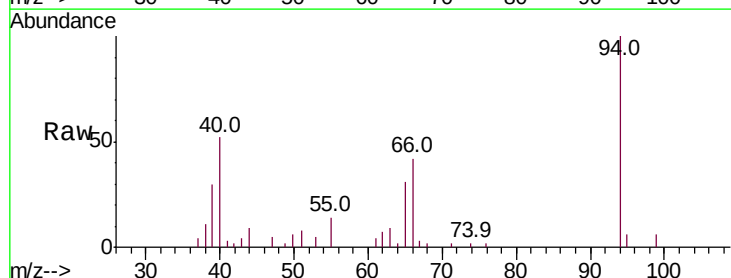
Tgt Ion: 94 Resp: 18582

Ion Ratio Lower Upper

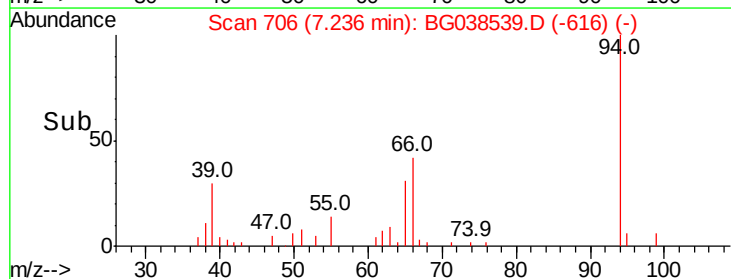
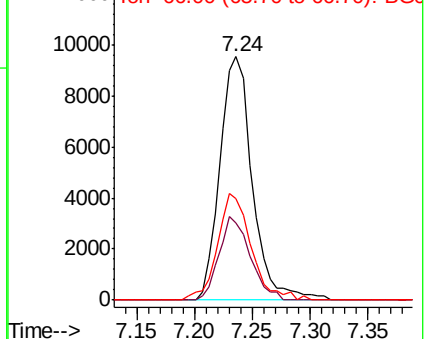
94 100

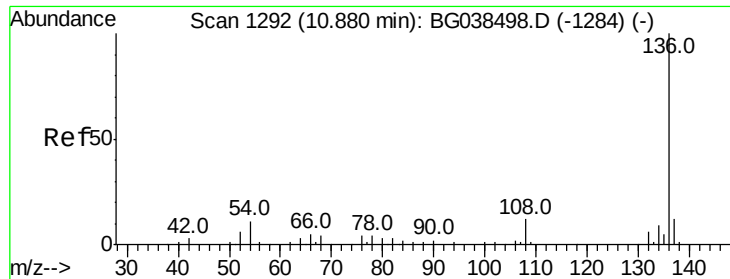
65 31.5 12.6 52.6

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

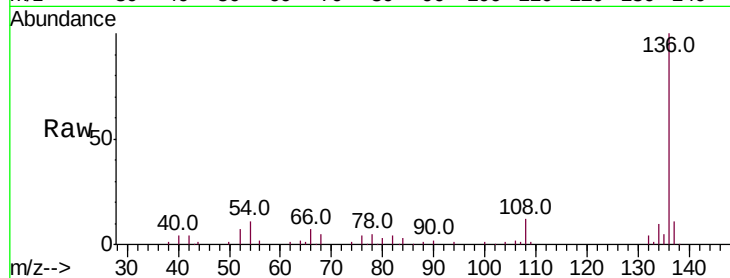




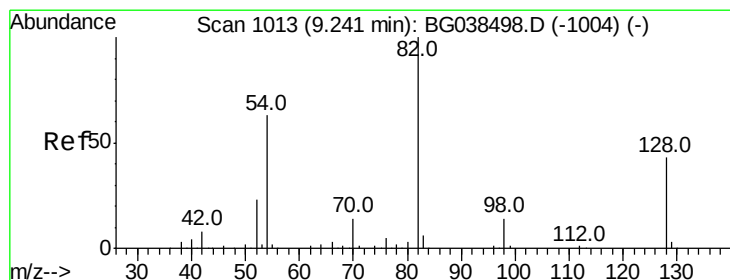
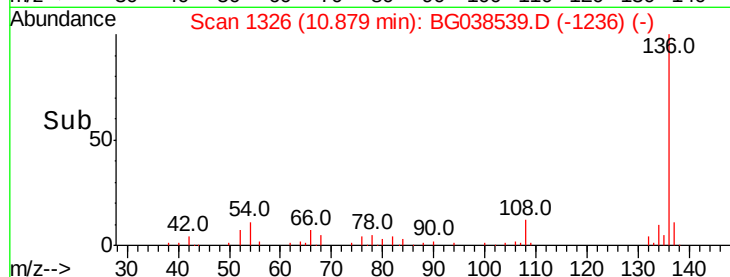
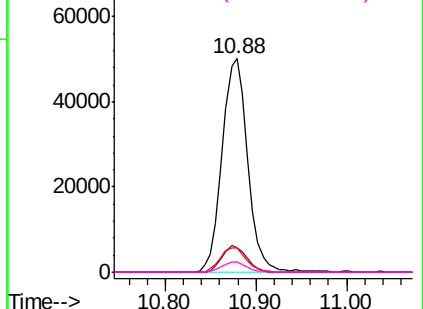
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-TOTALRE

Tot 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

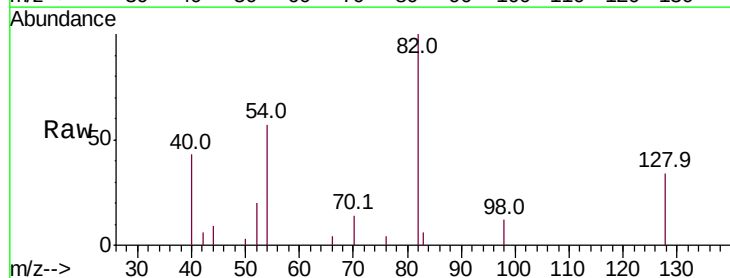


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

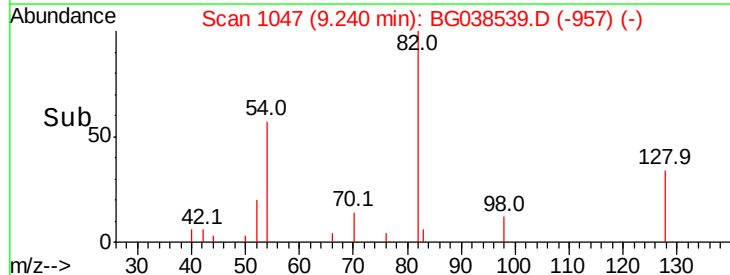
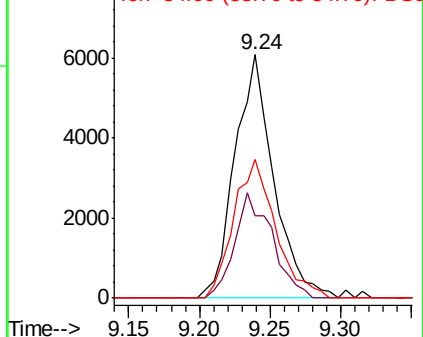


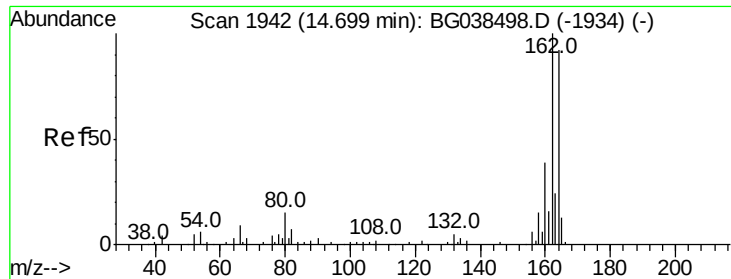
#23
Nitrobenzene-d5
Concen: 6.070 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

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



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





#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

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-TOTALRE

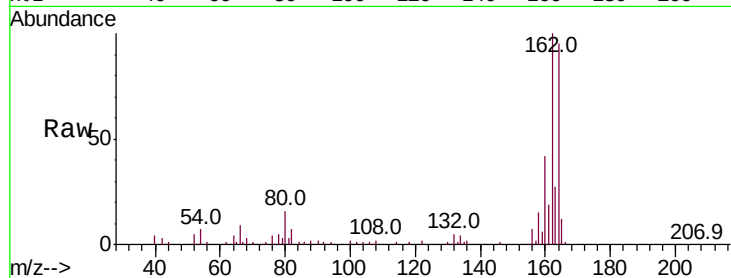
Tot Ion:164 Resp: 67245

Ion Ratio Lower Upper

164 100

162 105.4 86.6 130.0

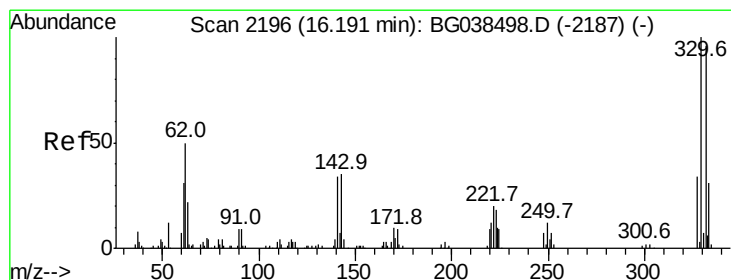
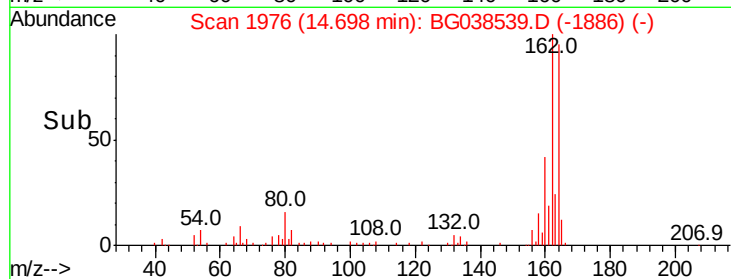
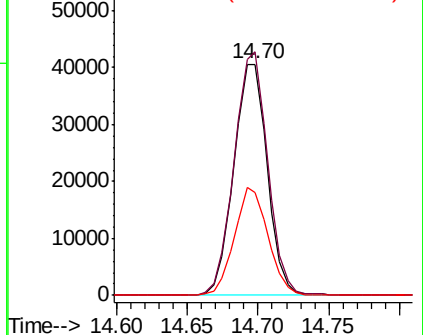
160 44.5 34.2 51.2



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



#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

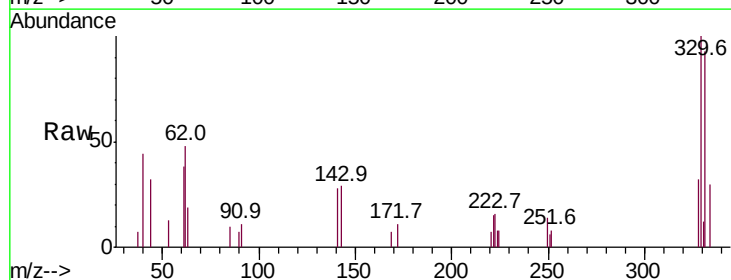
Tgt Ion:330 Resp: 4015

Ion Ratio Lower Upper

330 100

332 108.2 76.9 115.3

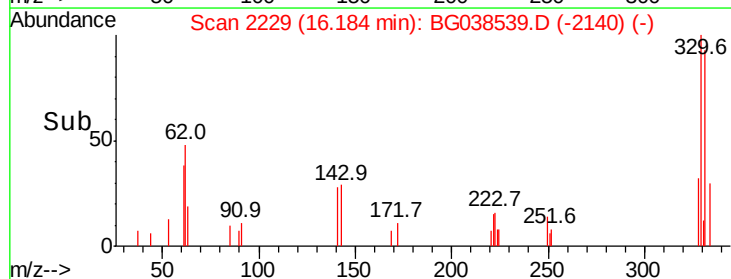
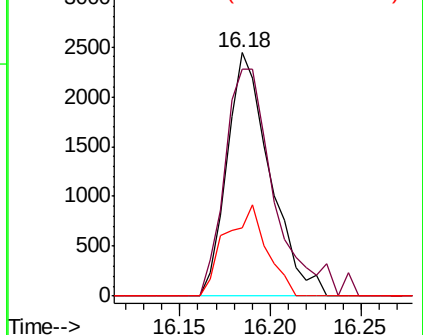
141 35.8 28.8 43.2

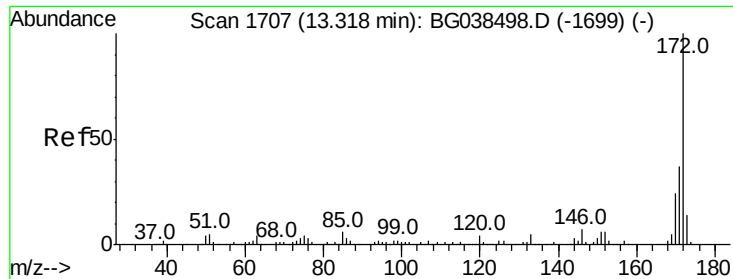


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

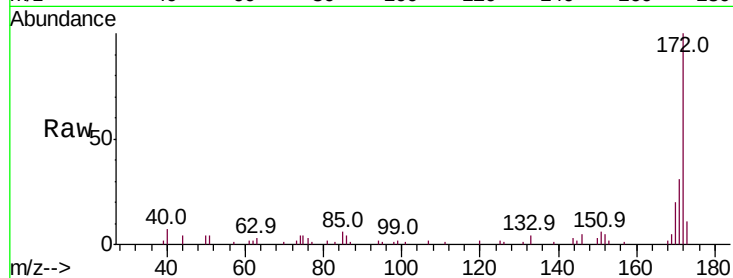




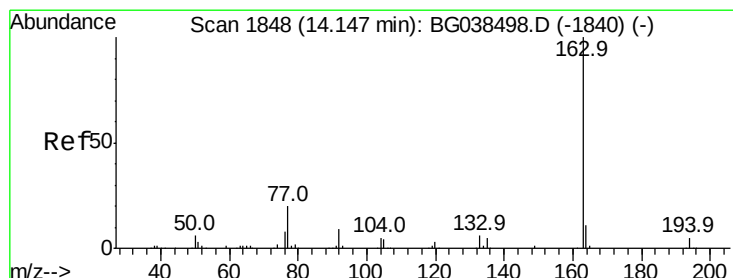
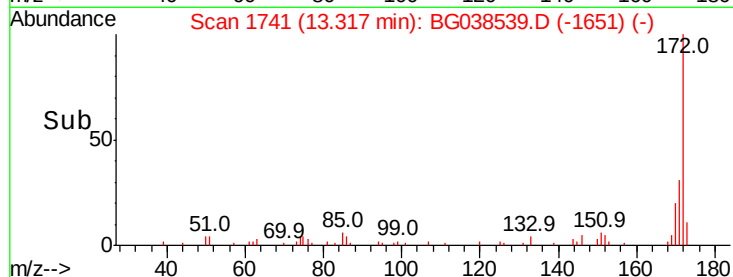
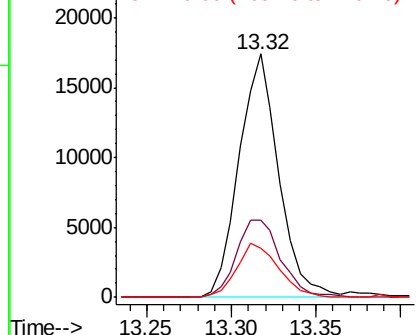
#45
 2-Fluorobiphenyl
 Concen: 5.799 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038539.D
 Acq: 13 Dec 2018 19:24

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-TOTALRE

Tot Ion:172 Resp: 28423
 Ion Ratio Lower Upper
 172 100
 171 31.5 29.8 44.6
 170 20.3 19.5 29.3

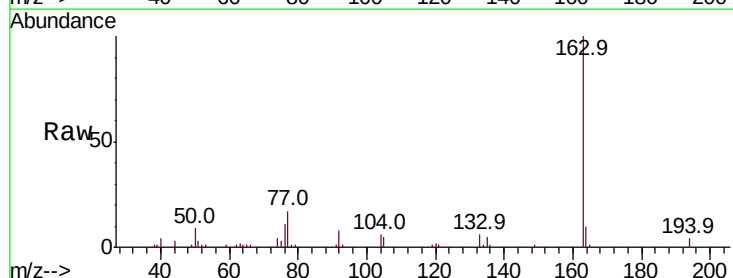


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

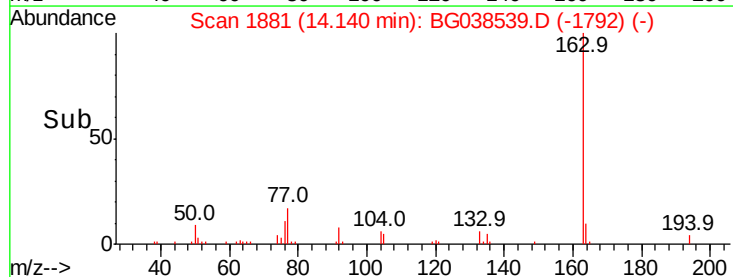
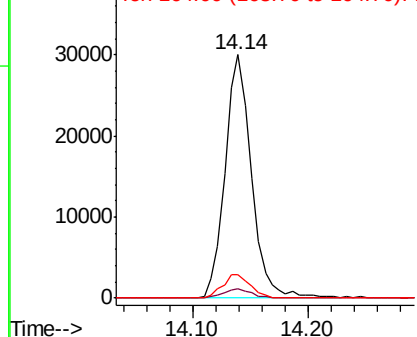


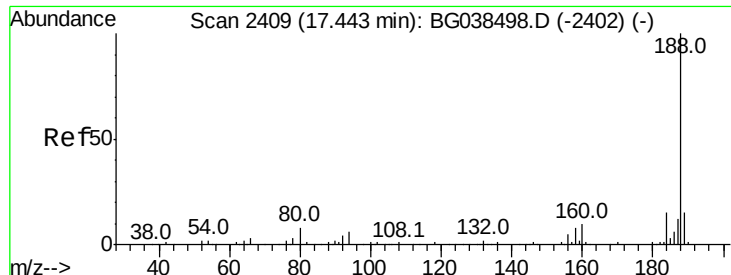
#50
 Dimethylphthalate
 Concen: 8.619 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038539.D
 Acq: 13 Dec 2018 19:24

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

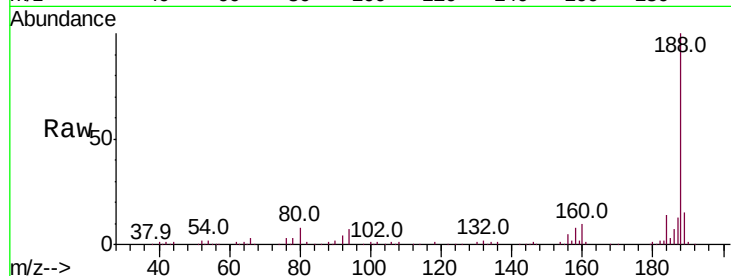




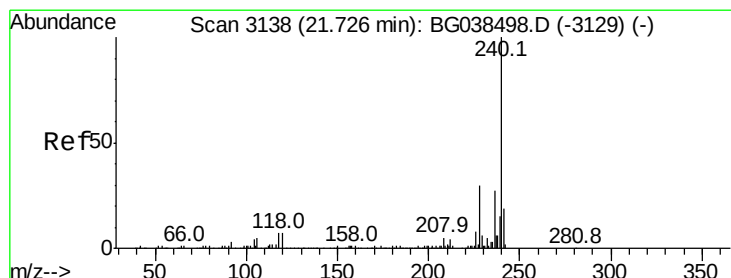
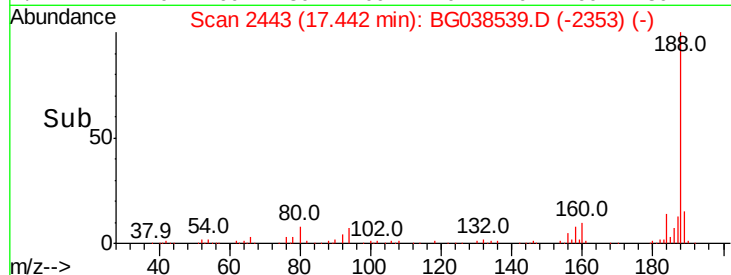
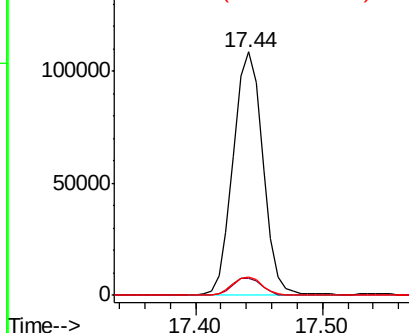
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-TOTALRE

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

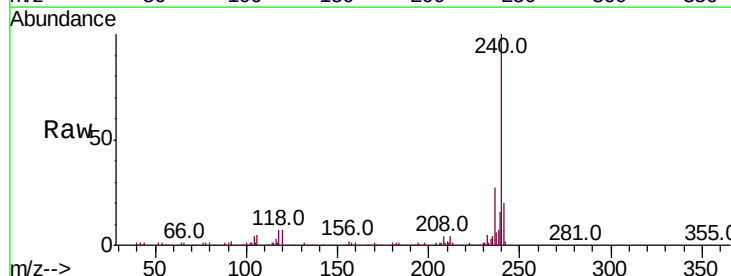


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

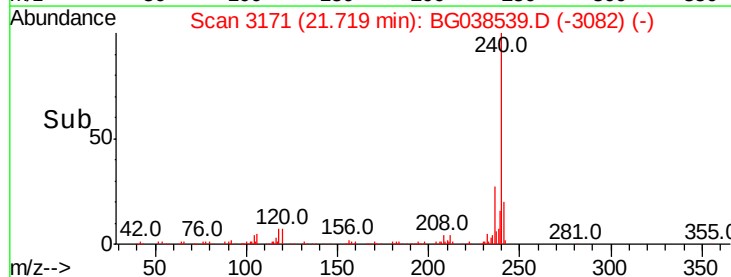
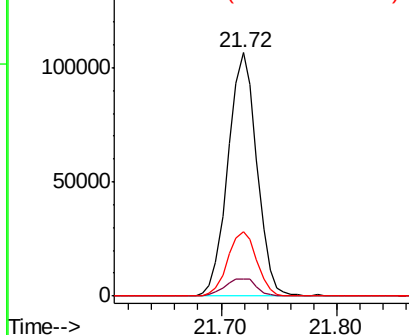


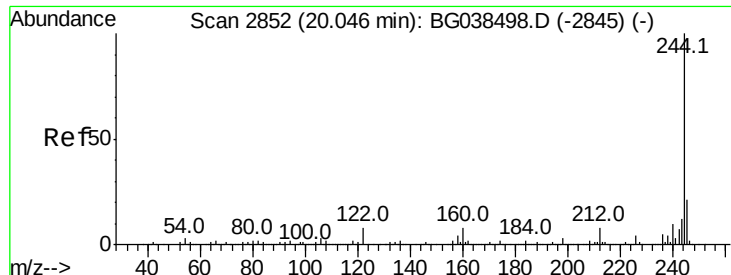
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038539.D
Acq: 13 Dec 2018 19:24

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

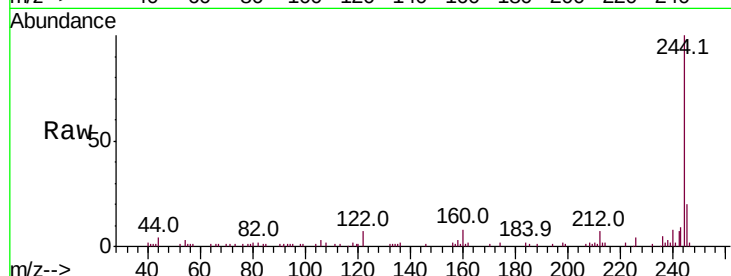
Tot Ion:244 Resp: 41497

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

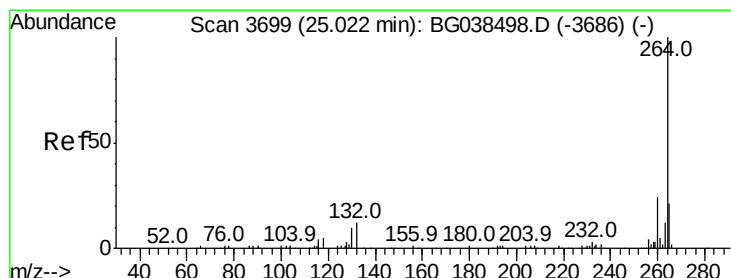
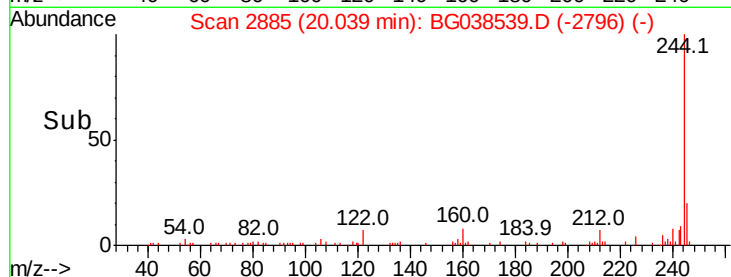
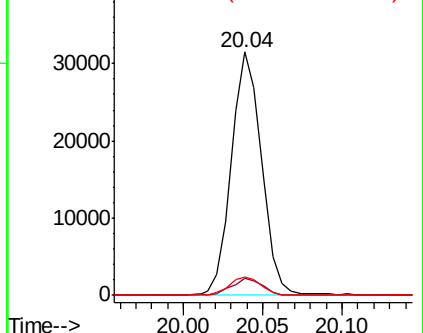
122 7.4 6.3 9.5



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

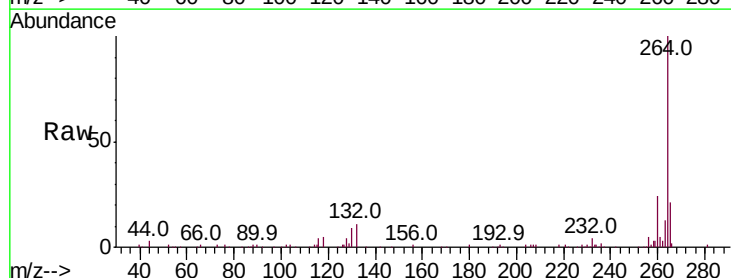
Tgt Ion:264 Resp: 194240

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

