

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038531.D
 Acq On : 13 Dec 2018 14:06
 Operator : JU/SJ
 Sample : J6275-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF-03-120418

Quant Time: Dec 13 17:06:46 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

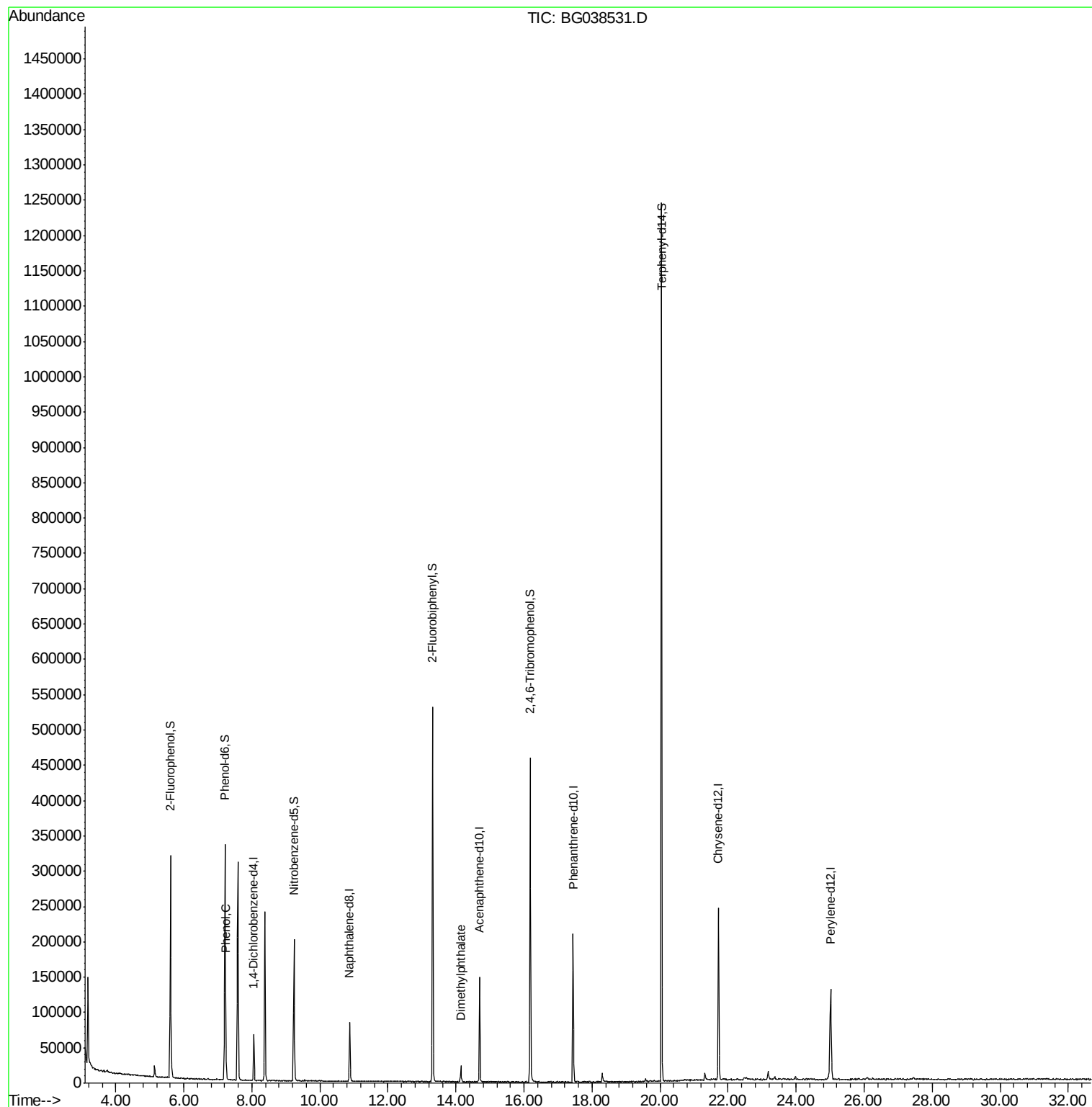
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19242	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	77880	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	53039	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140629	20.00	ng	0.00
76) Chrysene-d12	21.72	240	153639	20.00	ng	0.00
87) Perylene-d12	25.01	264	159526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	138382	127.56	ng	0.00
7) Phenol-d6	7.21	99	189164	127.01	ng	0.00
23) Nitrobenzene-d5	9.24	82	123858	81.25	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	92394	126.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	287411	74.34	ng	0.00
79) Terphenyl-d14	20.04	244	593527	84.07	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11880	7.508	ng	83
50) Dimethylphthalate	14.14	163	20191	4.662	ng	100

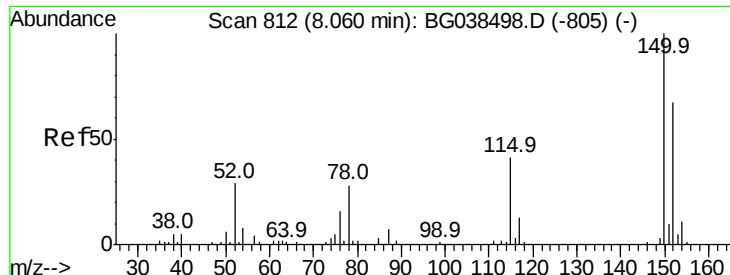
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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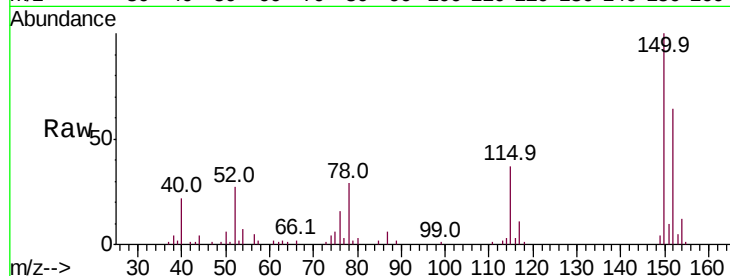


#1

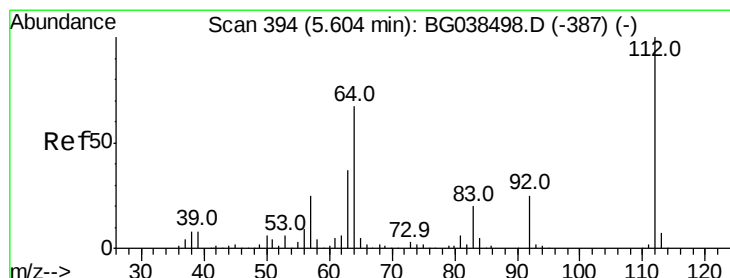
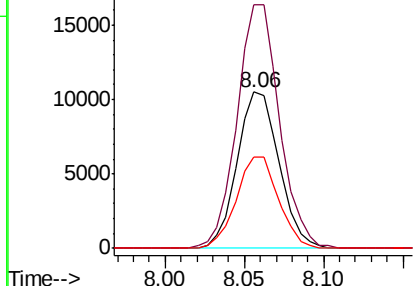
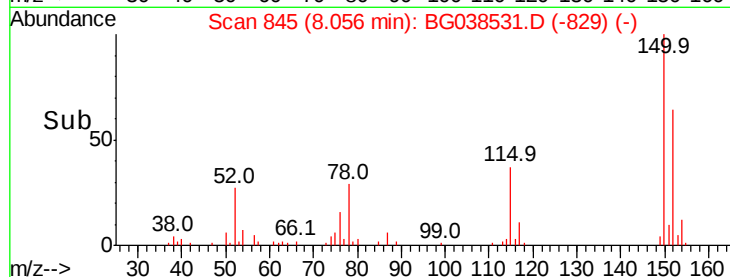
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038531.D
Acq: 13 Dec 2018 14:06

Instrument :
BNA_G
ClientSampleId :
BF-03-120418

Tot Ion:152 Resp: 19242
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 58.5 49.6 74.4



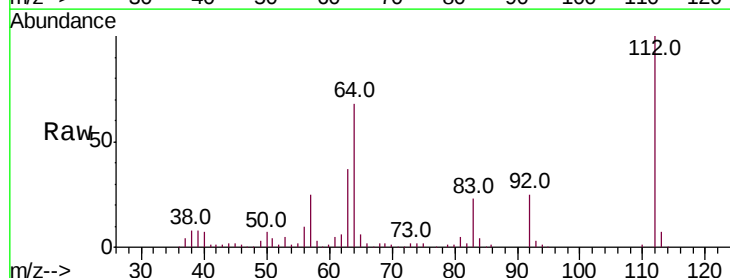
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



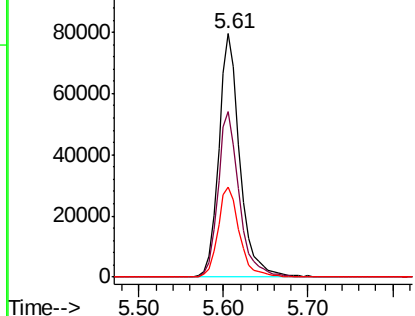
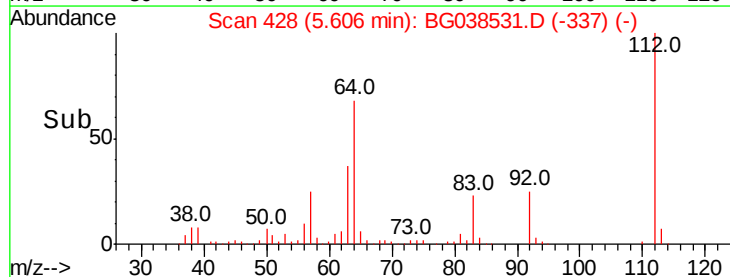
#5

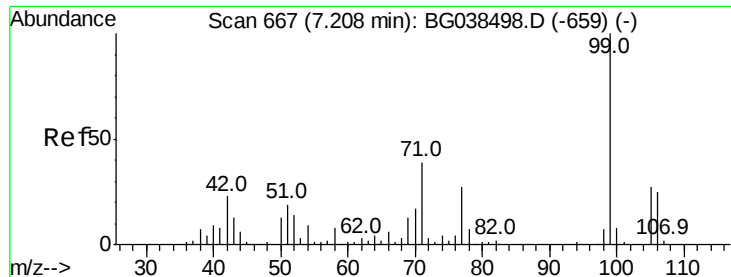
2-Fluorophenol
Concen: 127.555 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038531.D
Acq: 13 Dec 2018 14:06

Tgt Ion:112 Resp: 138382
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 37.1 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: 127.013 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

Instrument :

BNA_G

ClientSampleId :

BF-03-120418

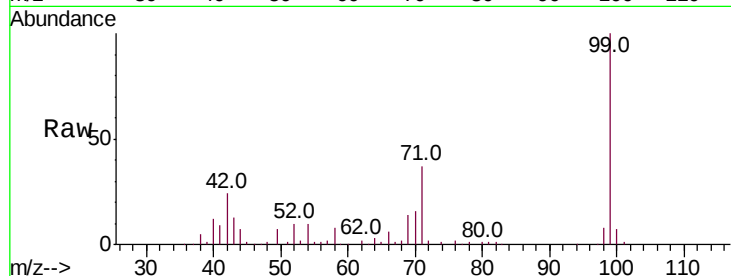
Tot Ion: 99 Resp: 189164

Ion Ratio Lower Upper

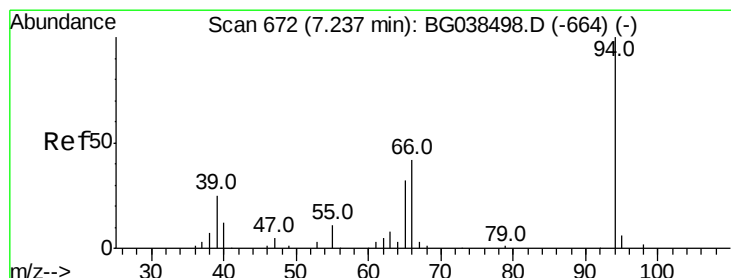
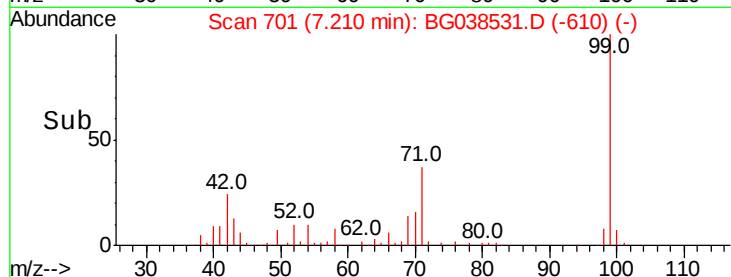
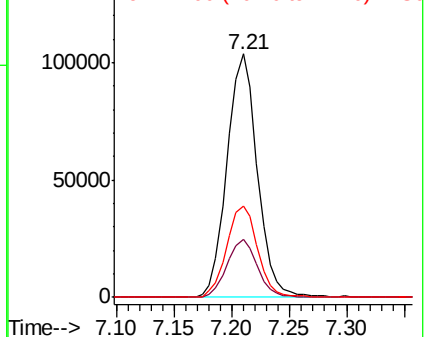
99 100

42 24.0 18.5 27.7

71 37.4 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: 7.508 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

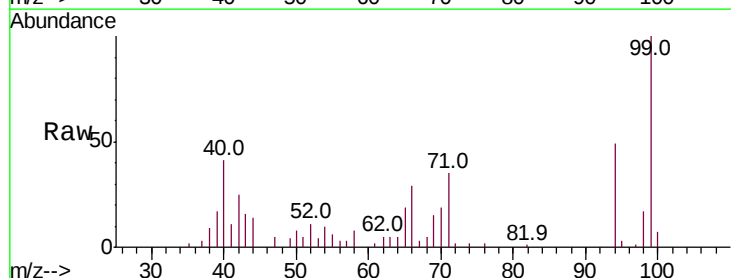
Tgt Ion: 94 Resp: 11880

Ion Ratio Lower Upper

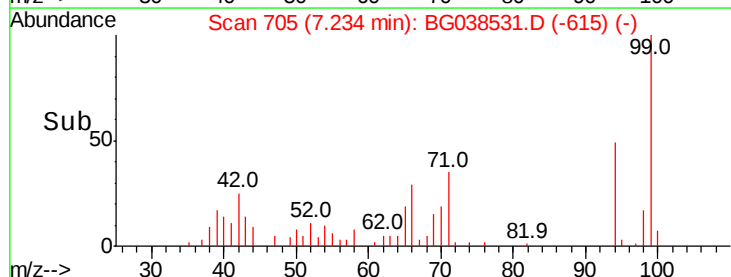
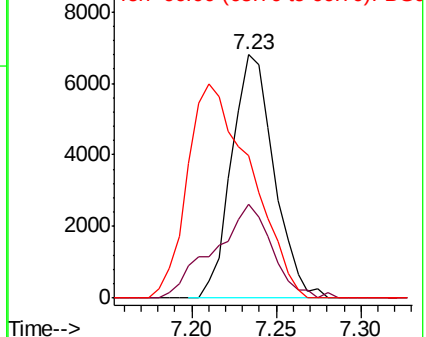
94 100

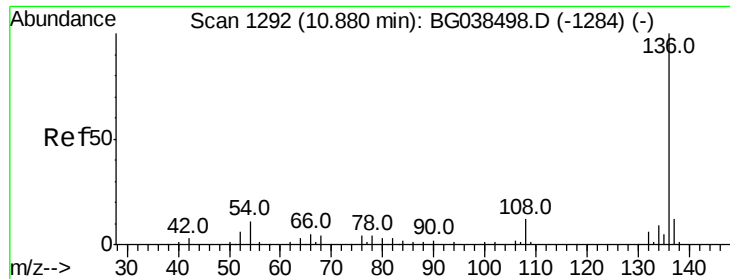
65 38.4 12.6 52.6

66 58.3 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# 1325

Delta R.T. -0.00 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

Instrument :

BNA_G

ClientSampleId :

BF-03-120418

Tot Ion:136 Resp: 77880

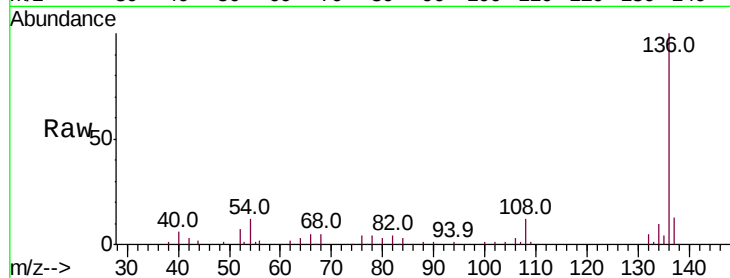
Ion Ratio Lower Upper

136 100

137 12.6 9.3 13.9

54 12.2 8.5 12.7

68 4.7 3.5 5.3

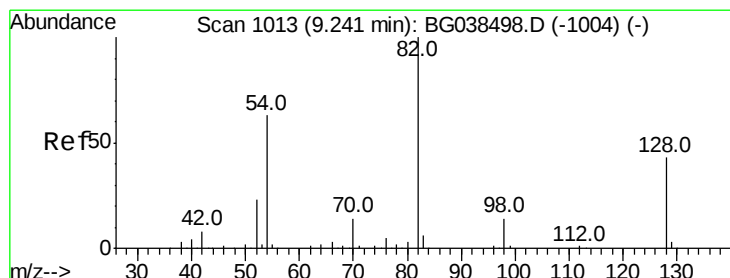
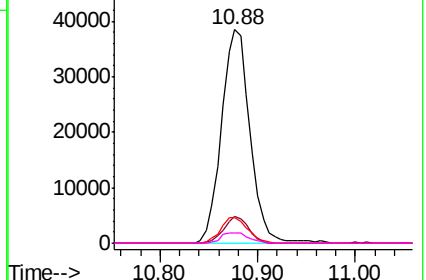
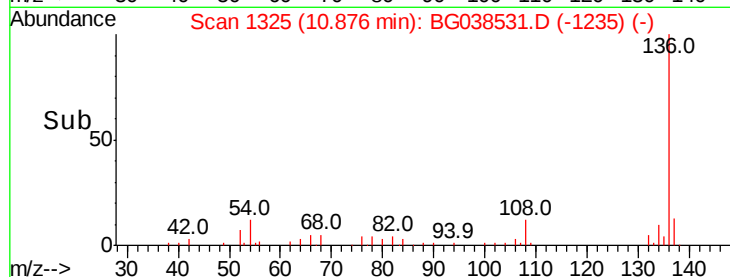


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.247 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

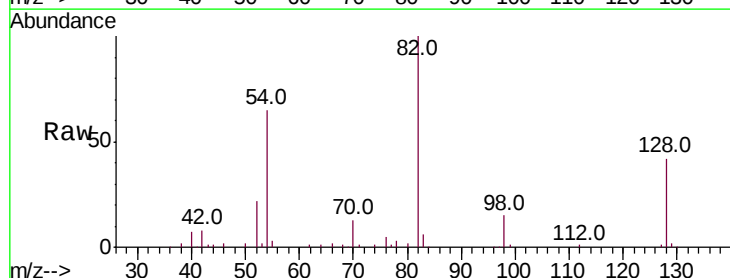
Tgt Ion: 82 Resp: 123858

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

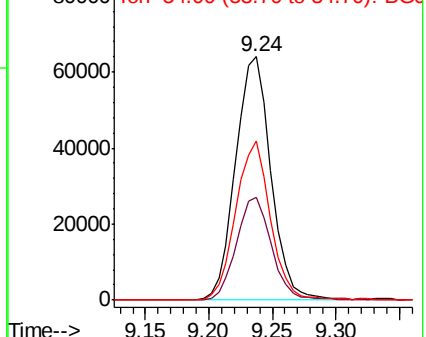
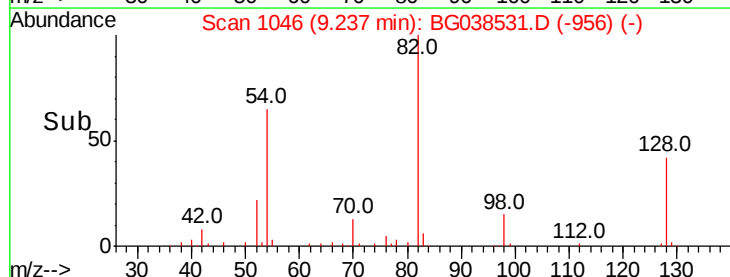
54 65.4 50.6 76.0

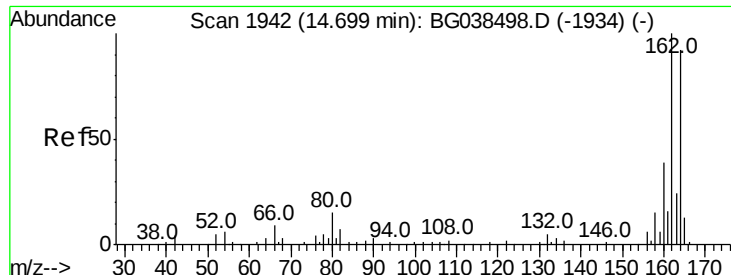


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1975

Delta R.T. -0.00 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

Instrument :

BNA_G

ClientSampleId :

BF-03-120418

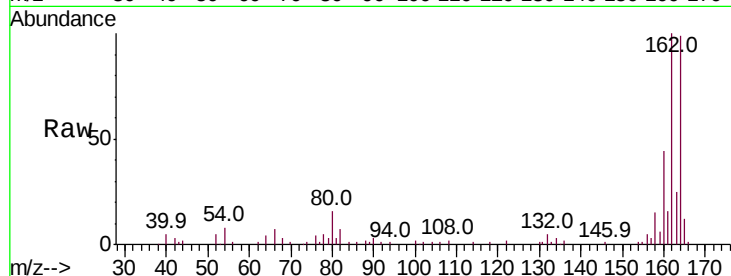
Tot Ion:164 Resp: 53039

Ion Ratio Lower Upper

164 100

162 100.9 86.6 130.0

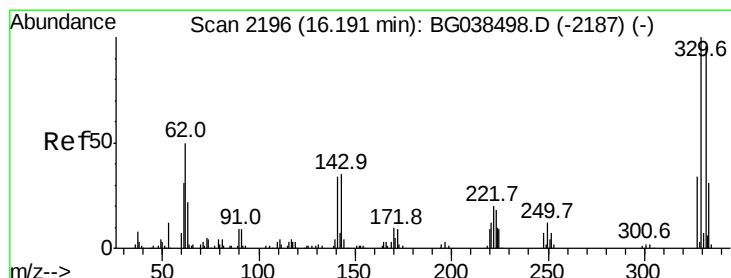
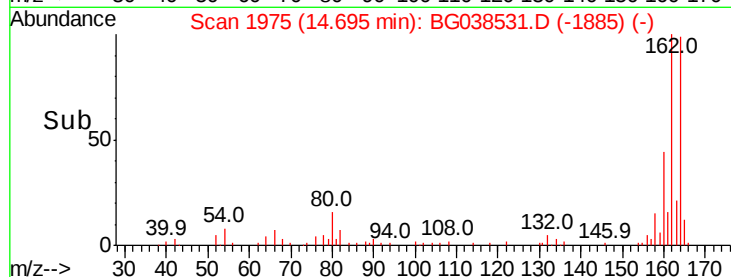
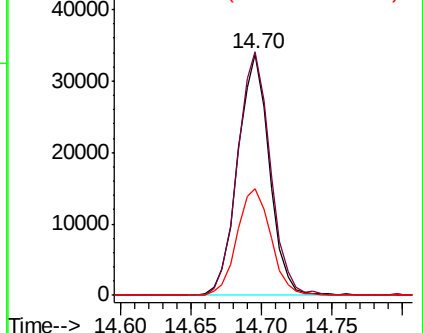
160 44.0 34.2 51.2



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: 126.399 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

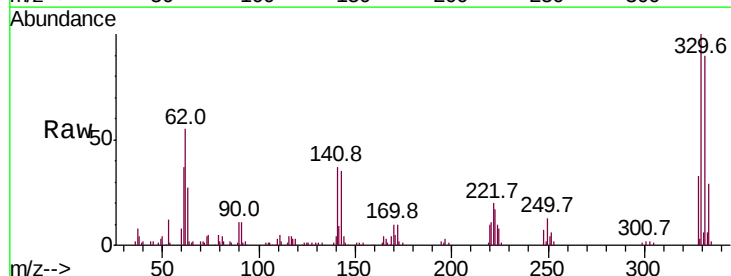
Tgt Ion:330 Resp: 92394

Ion Ratio Lower Upper

330 100

332 93.6 76.9 115.3

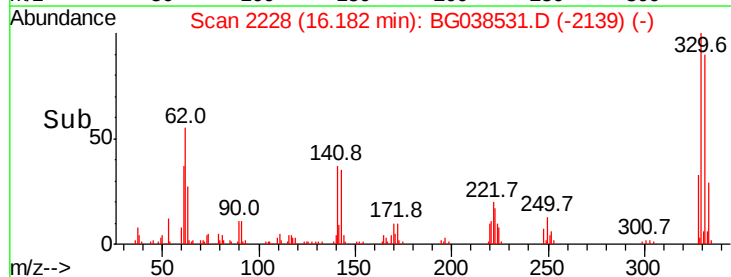
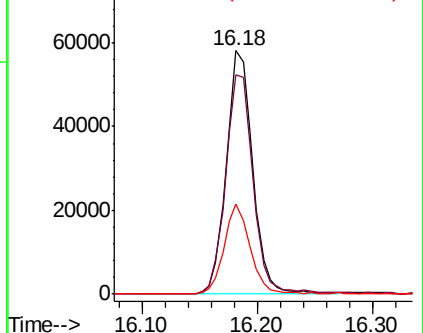
141 36.2 28.8 43.2

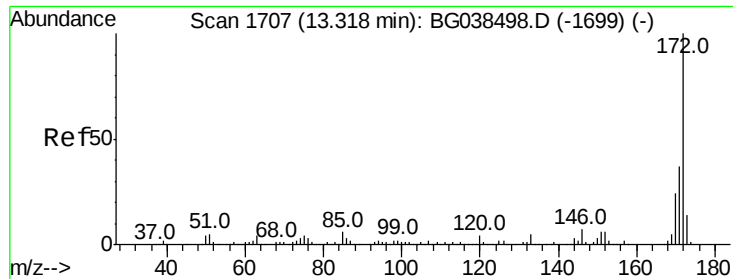


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

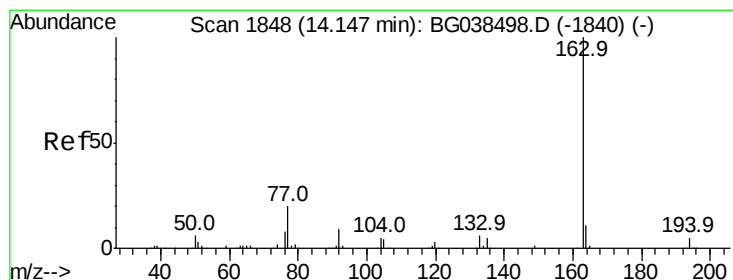
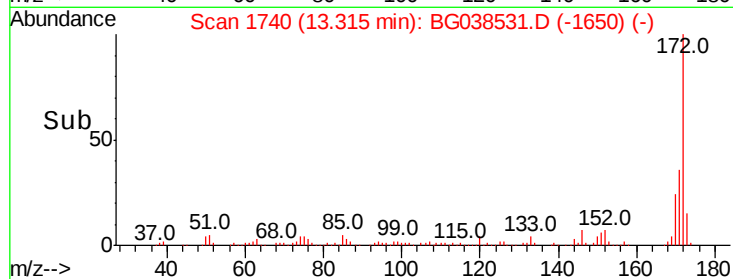
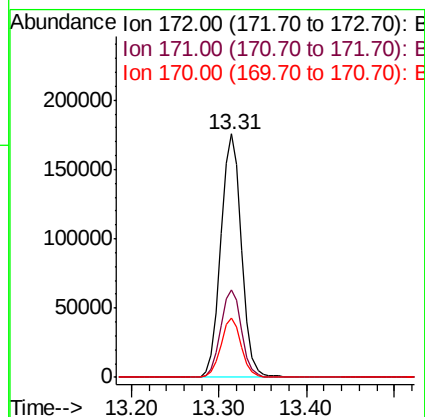
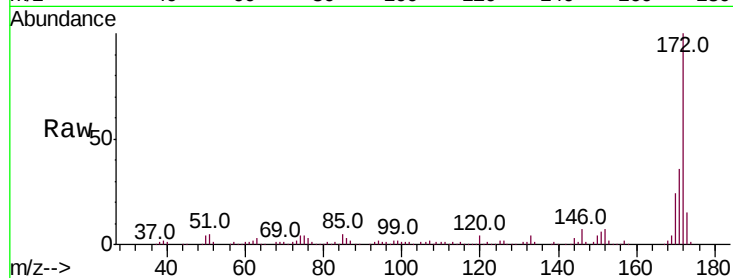




#45
 2-Fluorobiphenyl
 Concen: 74.339 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

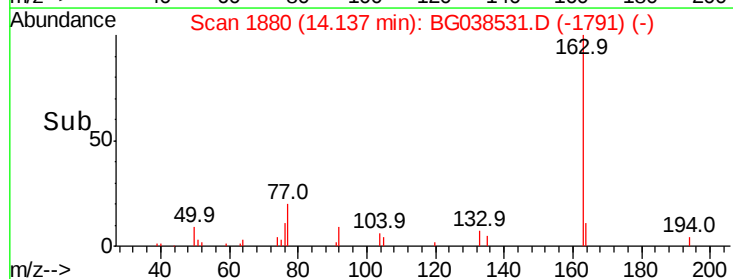
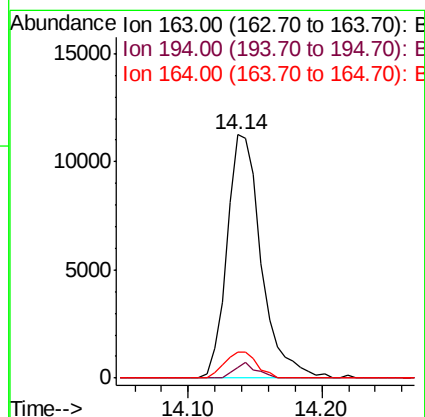
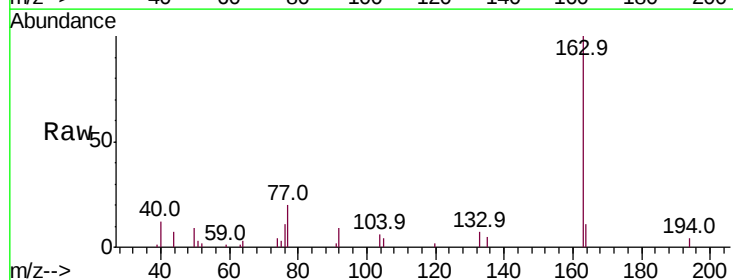
Instrument :
 BNA_G
 ClientSampleId :
 BF-03-120418

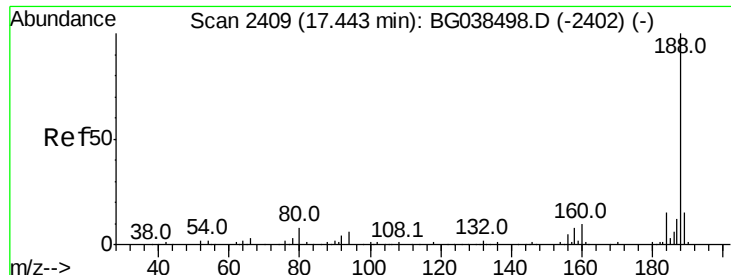
Tot Ion:172 Resp: 287411
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.8 44.6
 170 24.4 19.5 29.3



#50
 Dimethylphthalate
 Concen: 4.662 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038531.D
 Acq: 13 Dec 2018 14:06

Tgt Ion:163 Resp: 20191
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.7 5.5
 164 10.6 8.6 12.8

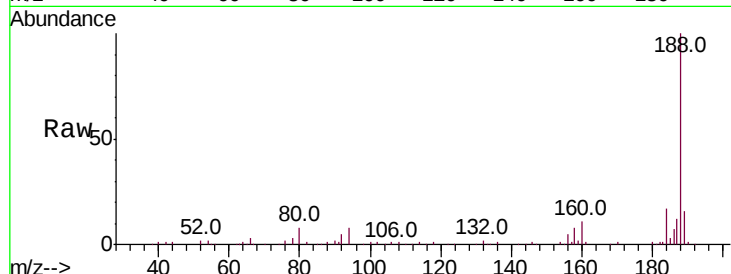




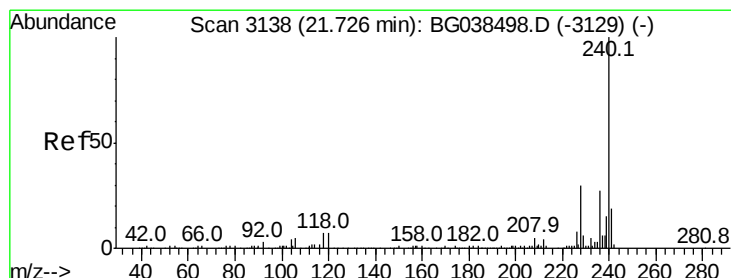
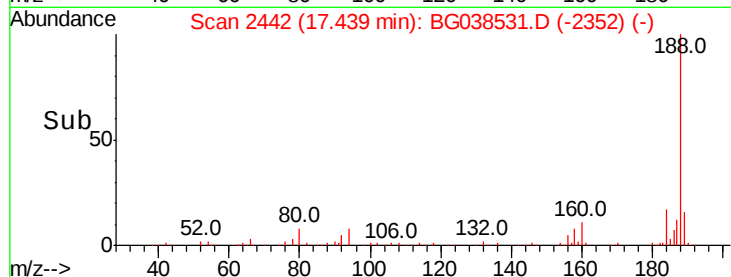
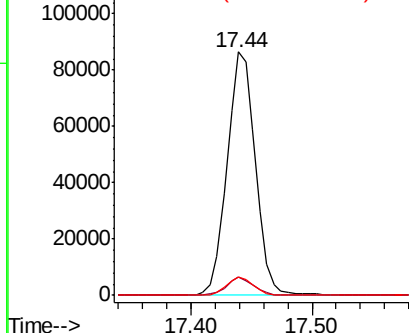
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038531.D
Acq: 13 Dec 2018 14:06

Instrument :
BNA_G
ClientSampleId :
BF-03-120418

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.1	7.7
80	7.7	6.1	9.1

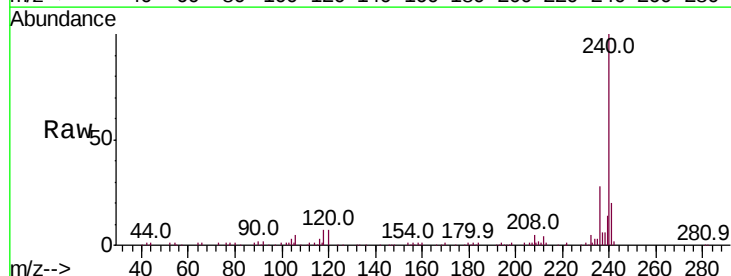


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

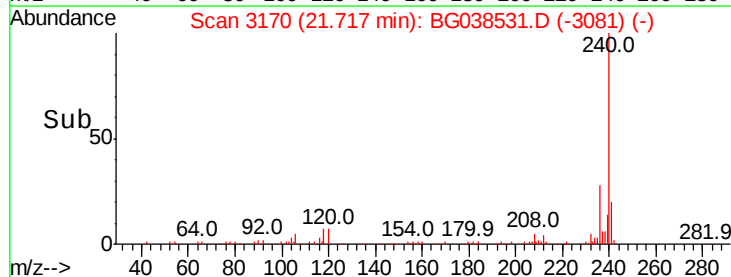
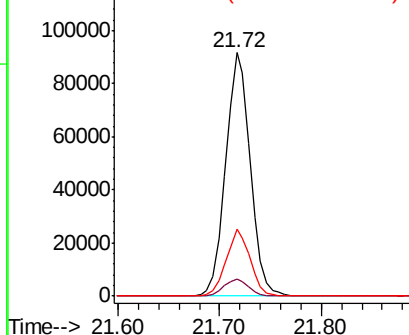


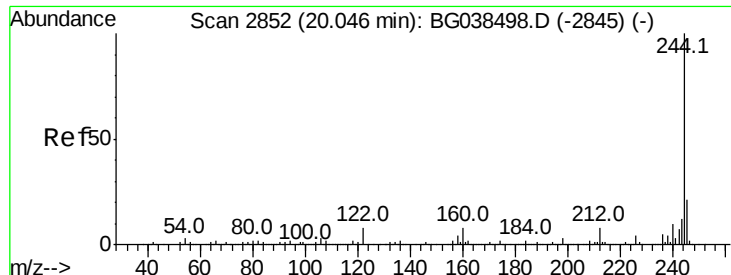
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038531.D
Acq: 13 Dec 2018 14:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	27.6	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: 84.075 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

Instrument :

BNA_G

ClientSampleId :

BF-03-120418

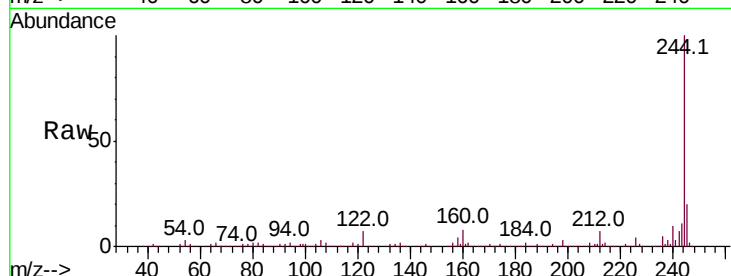
Tot Ion:244 Resp: 593527

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

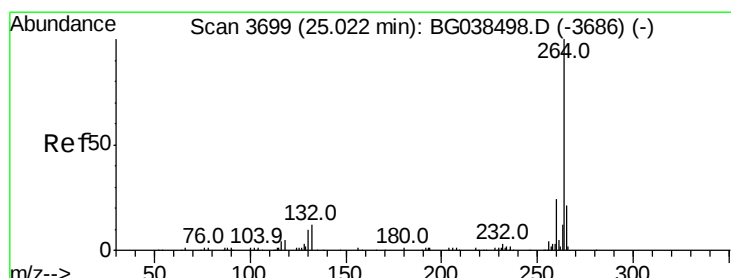
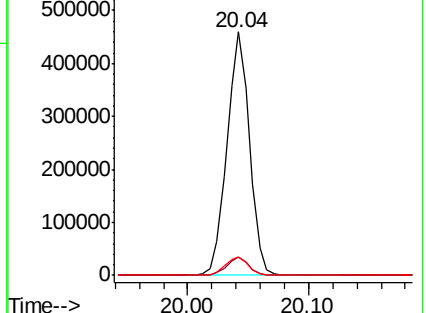
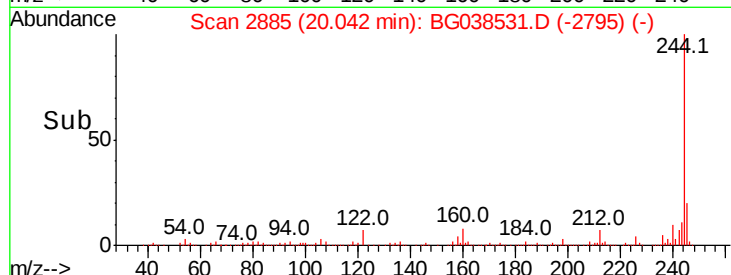
122 7.4 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038531.D

Acq: 13 Dec 2018 14:06

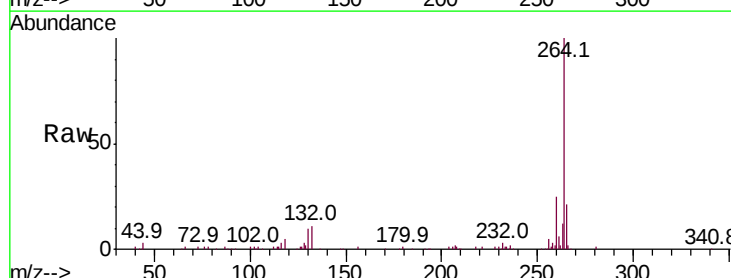
Tgt Ion:264 Resp: 159526

Ion Ratio Lower Upper

264 100

260 24.6 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

