

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038051.D
 Acq On : 17 Nov 2018 2:32
 Operator : JU/SJ
 Sample : J5967-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-14(16-18)

Quant Time: Nov 17 04:15:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

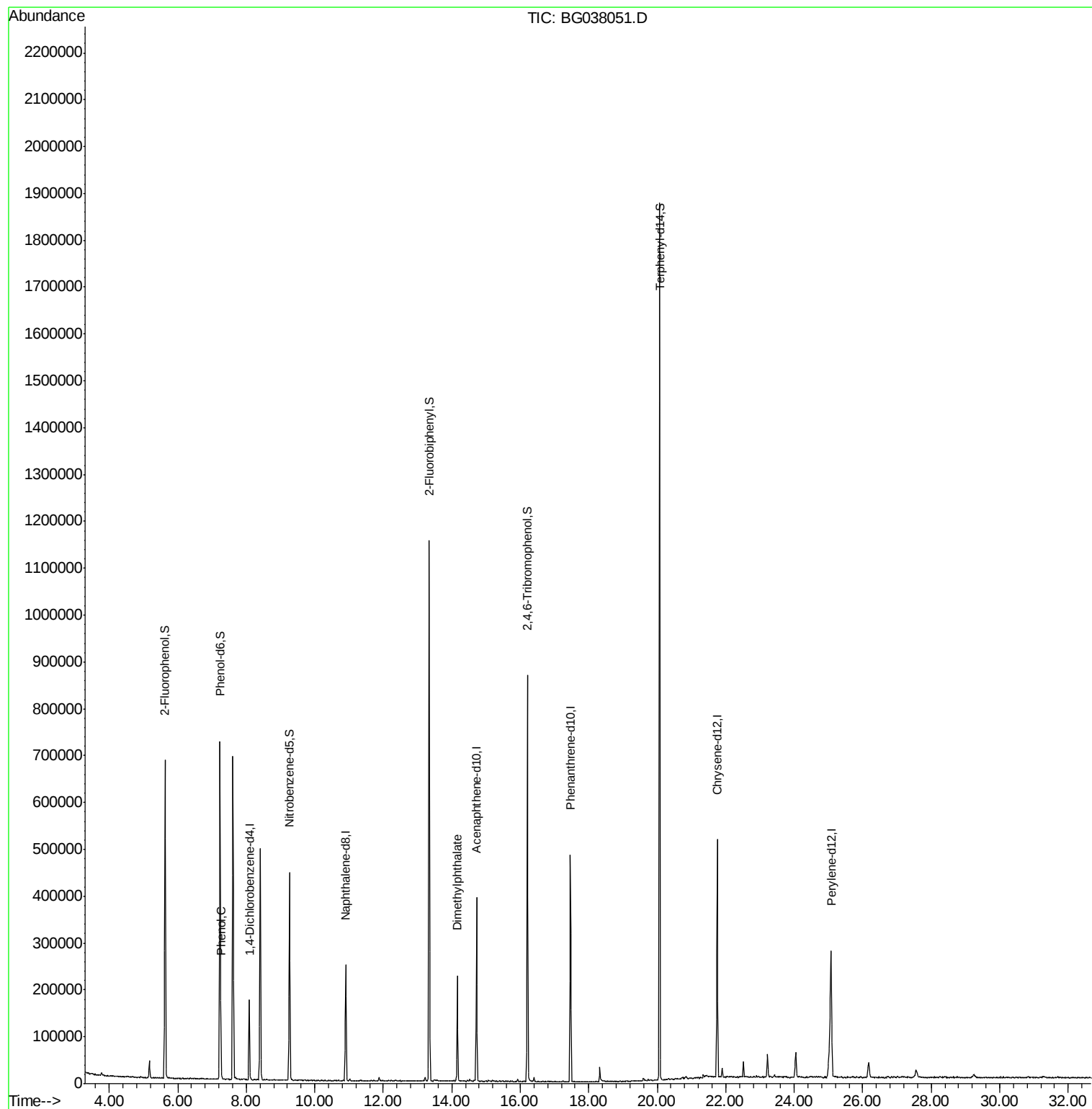
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50235	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	216851	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	136686	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	312637	20.00	ng	0.00
76) Chrysene-d12	21.75	240	298261	20.00	ng	0.00
87) Perylene-d12	25.07	264	309573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	315446	108.42	ng	0.00
7) Phenol-d6	7.23	99	448584	108.01	ng	0.00
23) Nitrobenzene-d5	9.26	82	278358	68.71	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148983	95.57	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	611489	65.17	ng	0.00
79) Terphenyl-d14	20.07	244	885302	69.84	ng	0.00
Target Compounds						
10) Phenol	7.26	94	28301	6.433	ng	95
50) Dimethylphthalate	14.16	163	145782	13.453	ng	99

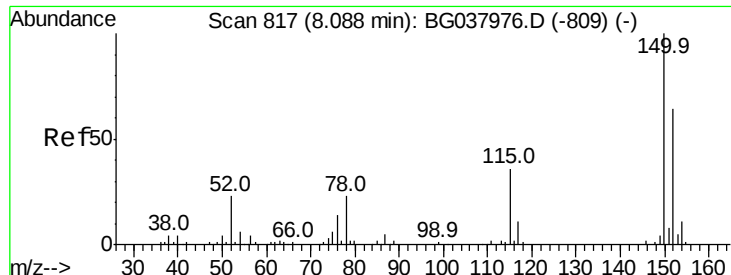
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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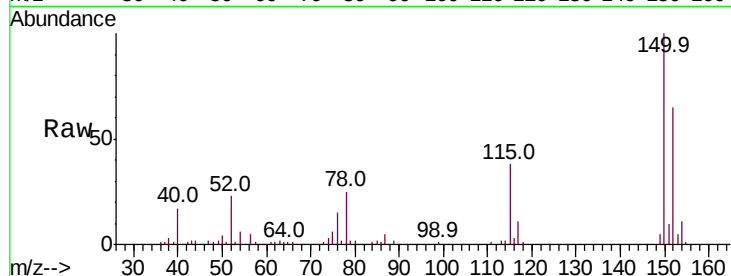


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038051.D
 Acq: 17 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 FDSB-14(16-18)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.0	189.0
115	58.2	45.5	68.3

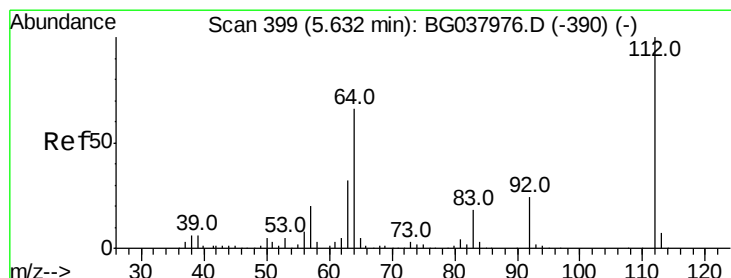
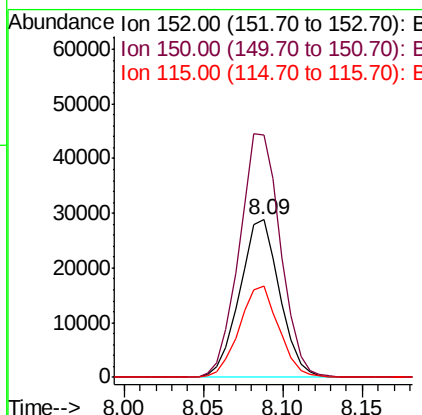
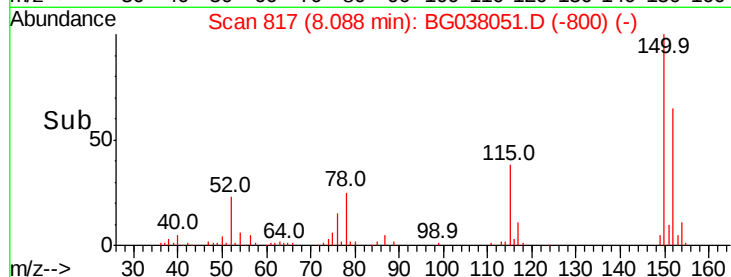


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

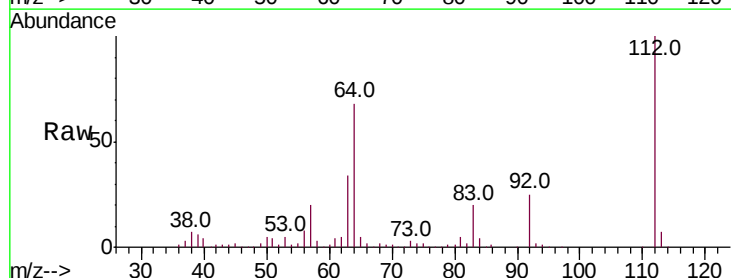
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 108.418 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038051.D
 Acq: 17 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.1	79.7
63	34.1	27.3	40.9

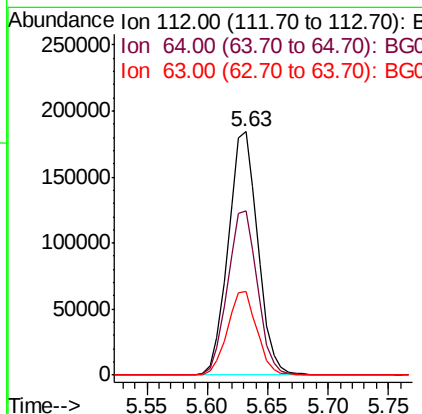
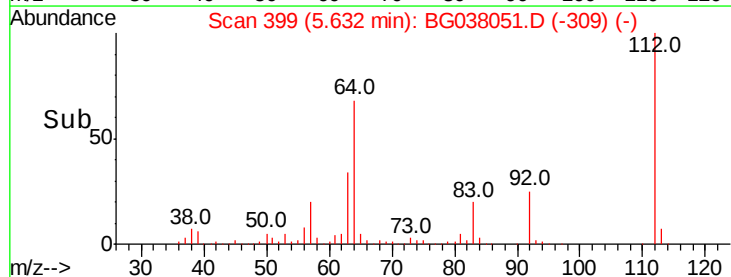


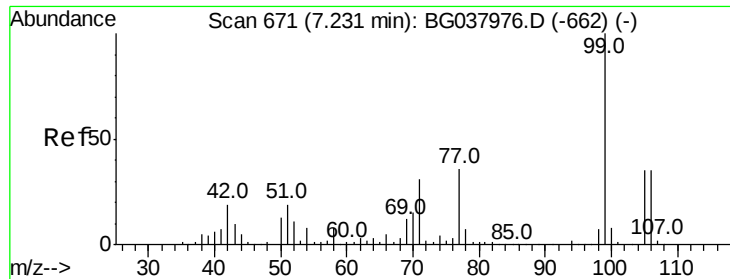
Abundance

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: 108.010 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

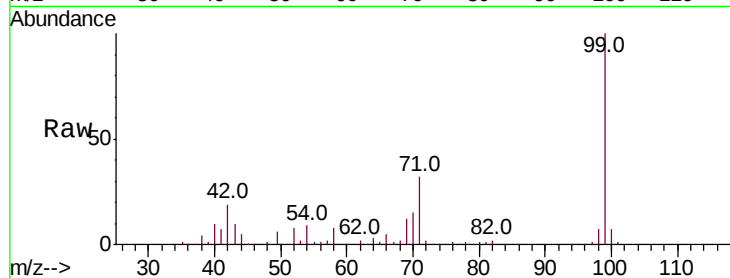
Tot Ion: 99 Resp: 448584

Ion Ratio Lower Upper

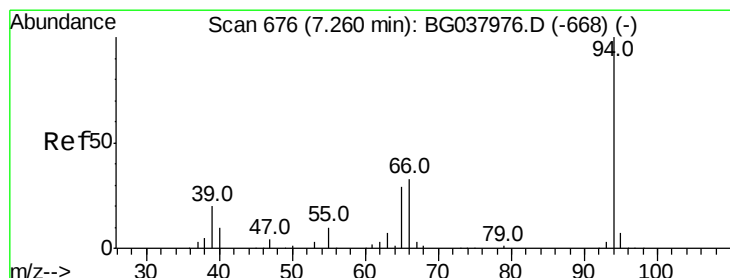
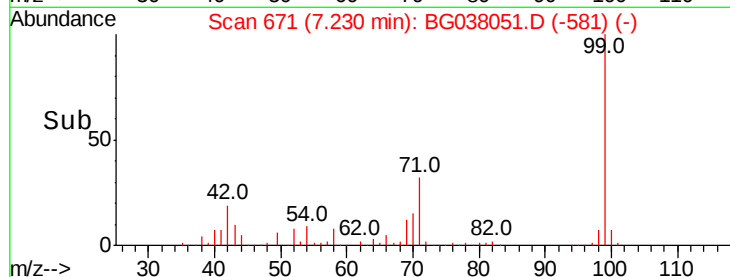
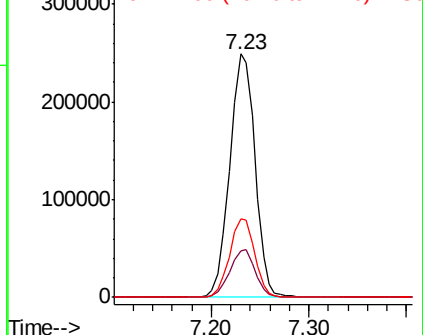
99 100

42 19.2 15.0 22.4

71 32.5 25.5 38.3



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: 6.433 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

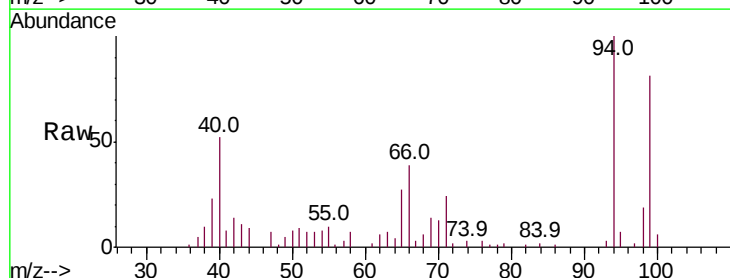
Tgt Ion: 94 Resp: 28301

Ion Ratio Lower Upper

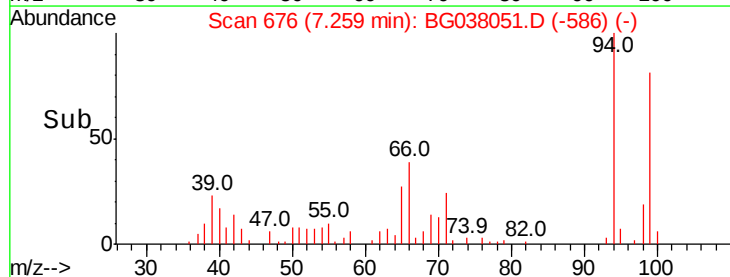
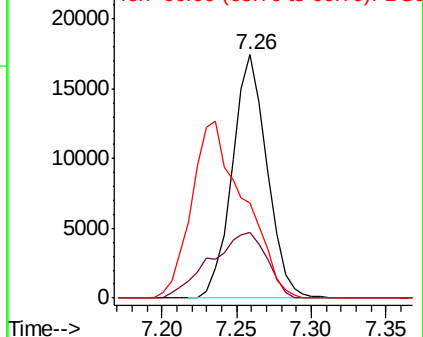
94 100

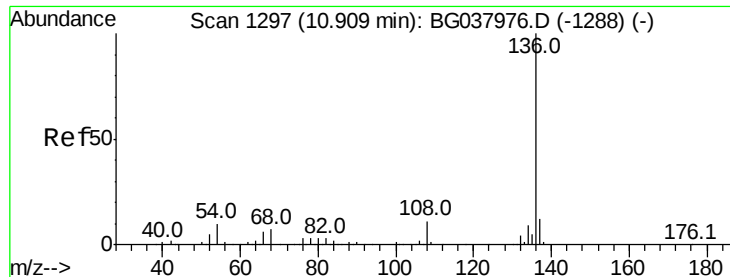
65 27.2 9.7 49.7

66 39.0 15.9 55.9



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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

Tot Ion:136 Resp: 216851

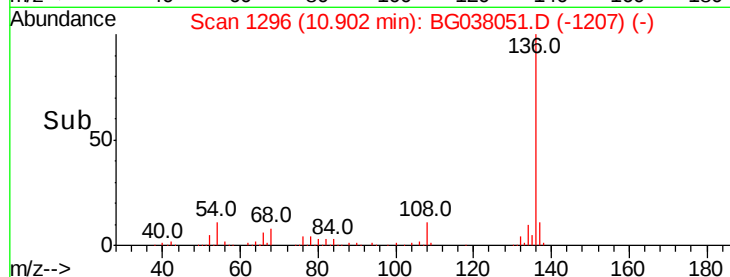
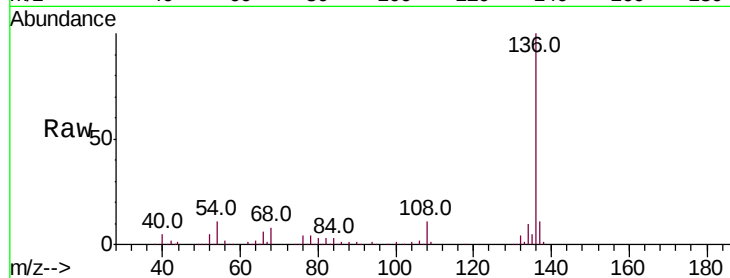
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 10.7 7.9 11.9

68 7.7 4.8 7.2#

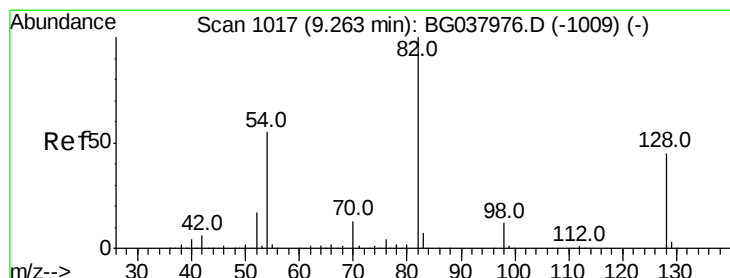
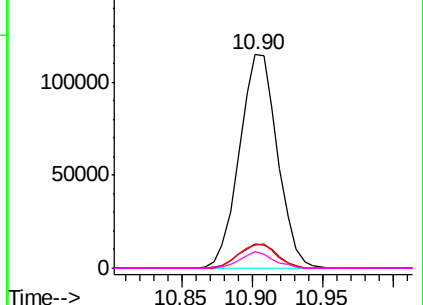


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.714 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

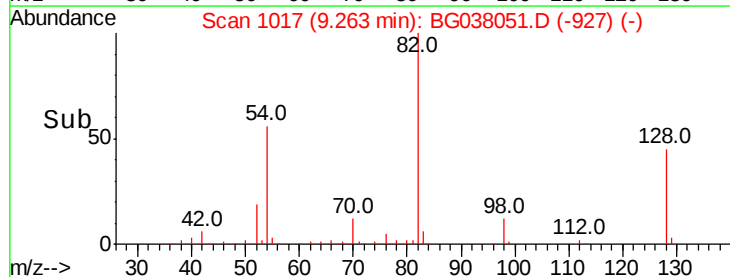
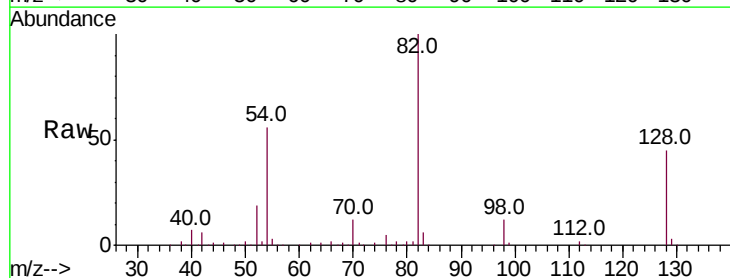
Tgt Ion: 82 Resp: 278358

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

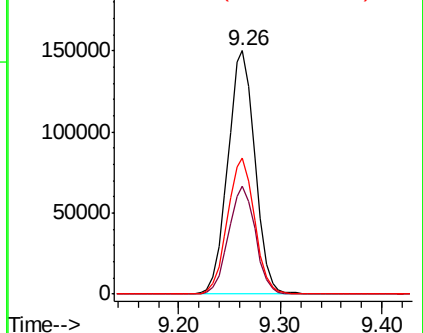
54 56.0 45.3 67.9

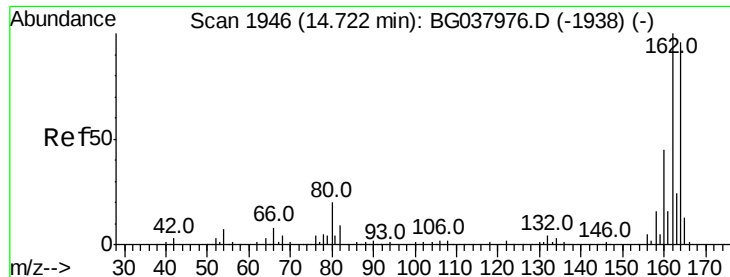


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

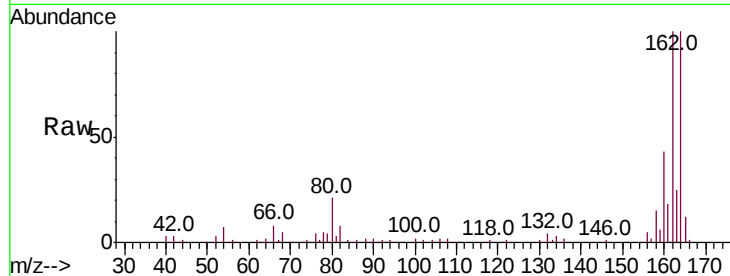
Tot Ion:164 Resp: 136686

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

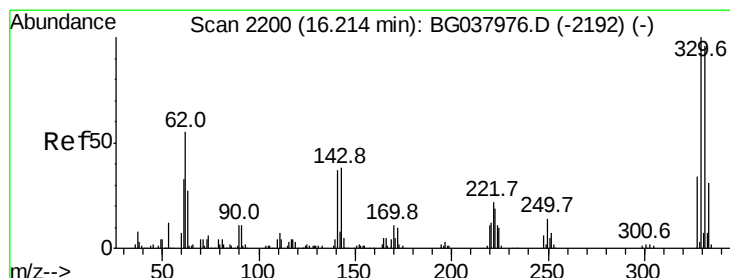
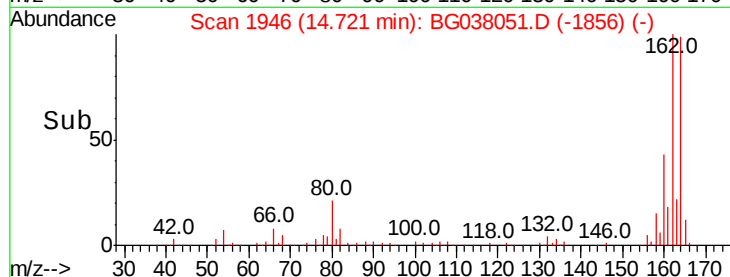
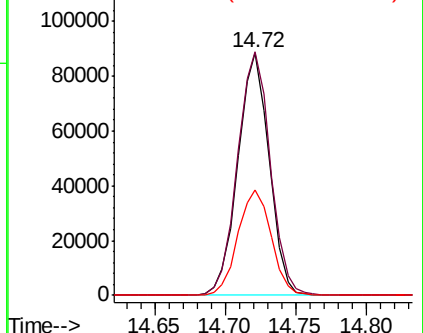
160 43.4 36.3 54.5



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: 95.571 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

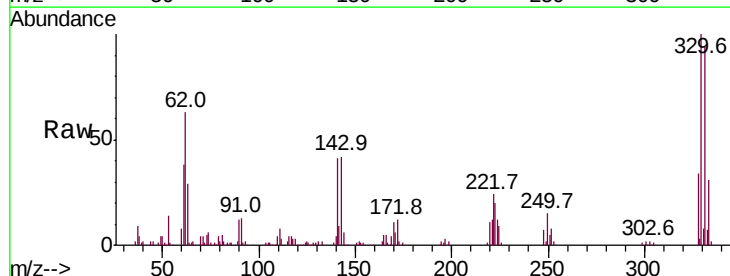
Tgt Ion:330 Resp: 148983

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

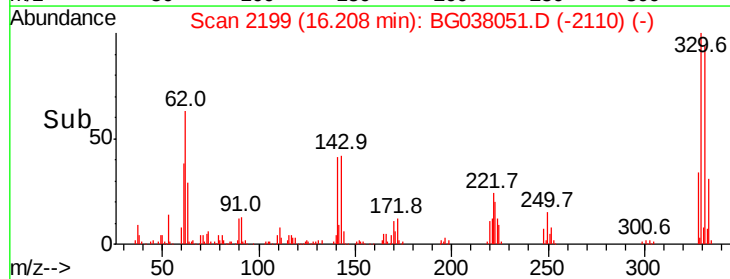
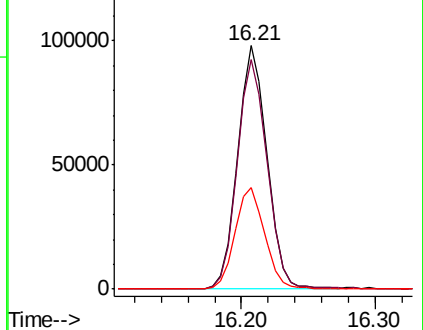
141 42.3 32.2 48.2

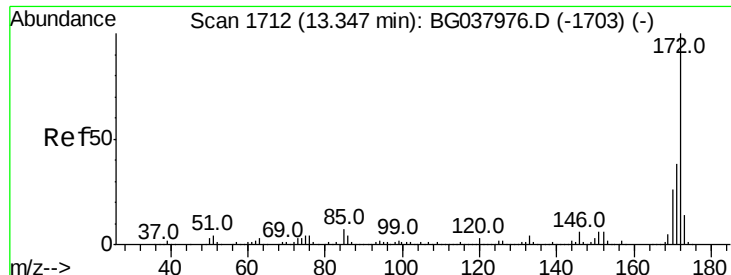


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 65.175 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

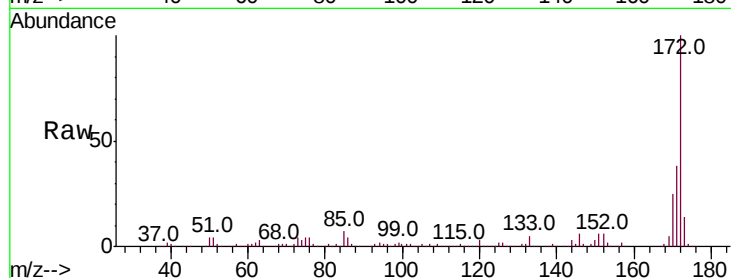
BNA_G

ClientSampleId :

FDSB-14(16-18)

Tot Ion:172 Resp: 611489

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.3	20.2	30.2

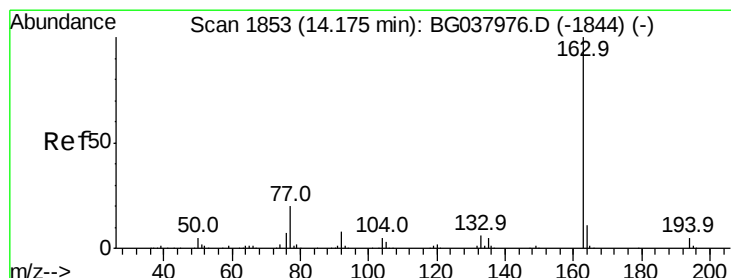
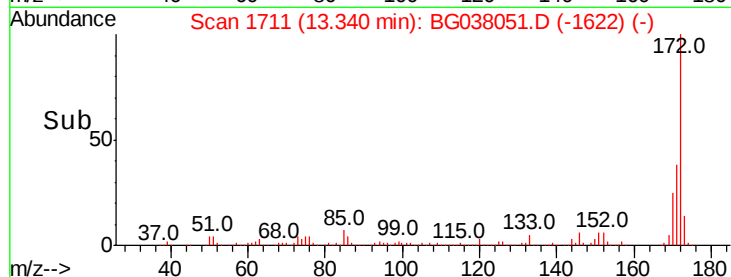
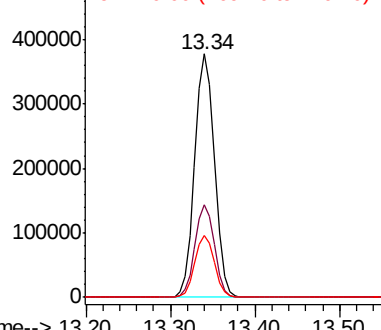


Abundance

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: 13.453 ng

RT: 14.16 min Scan# 1851

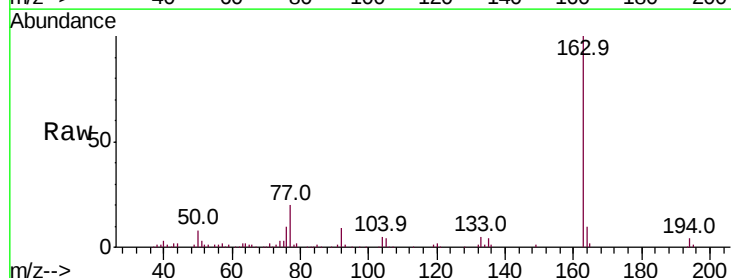
Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Tgt Ion:163 Resp: 145782

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.5	12.7

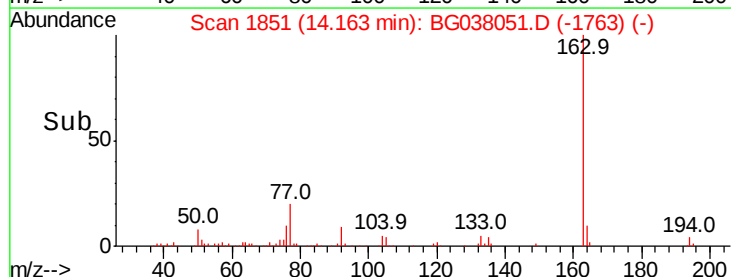
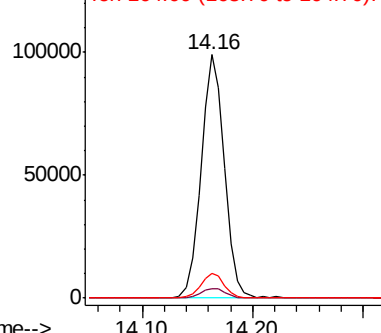


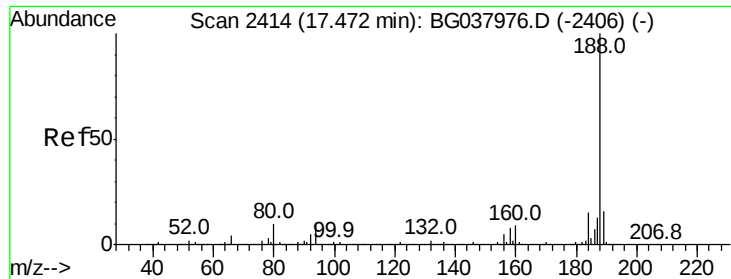
Abundance

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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

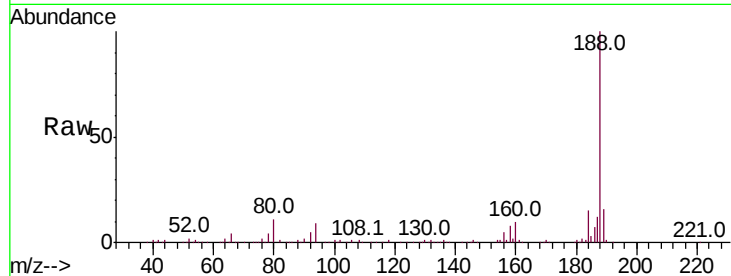
Tot Ion:188 Resp: 312637

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

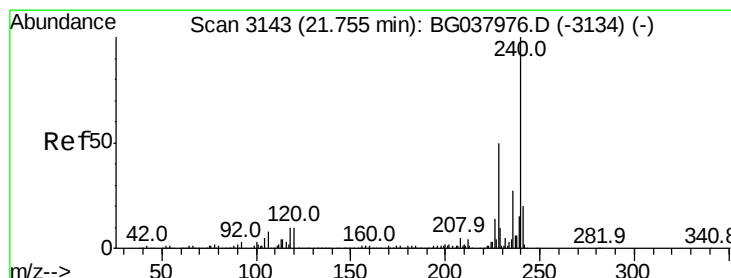
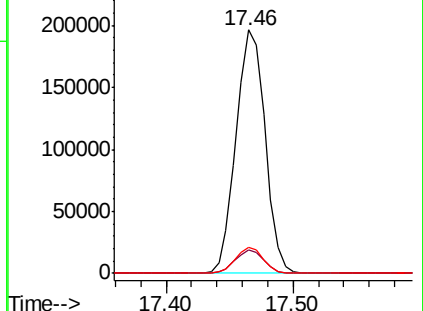
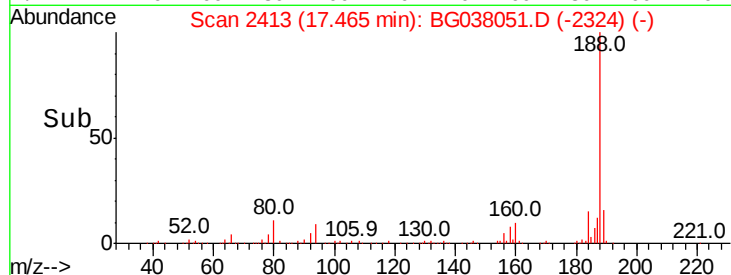
80 10.8 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

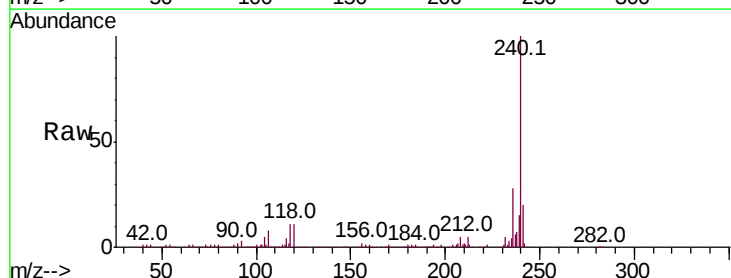
Tgt Ion:240 Resp: 298261

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

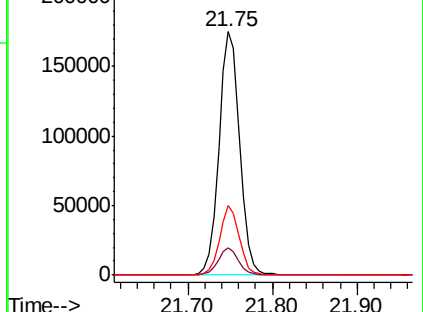
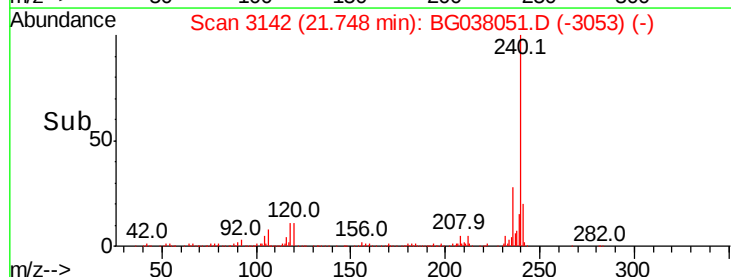
236 28.4 21.4 32.0

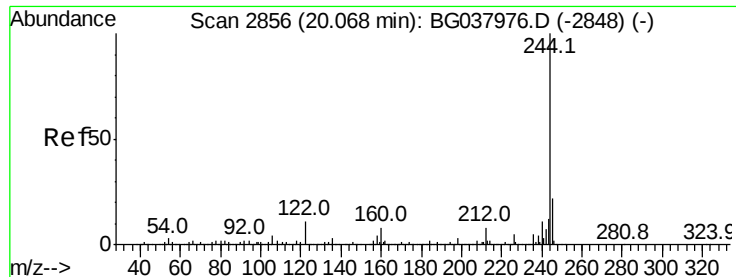


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.842 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

Instrument :

BNA_G

ClientSampleId :

FDSB-14(16-18)

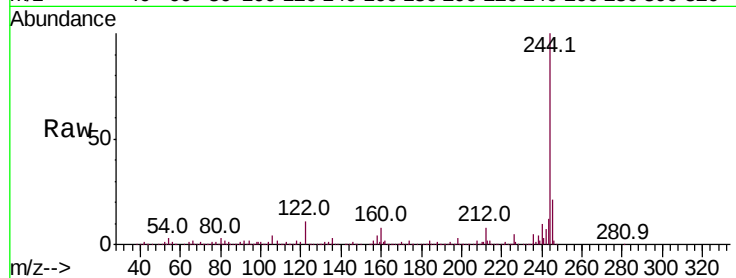
Tot Ion:244 Resp: 885302

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

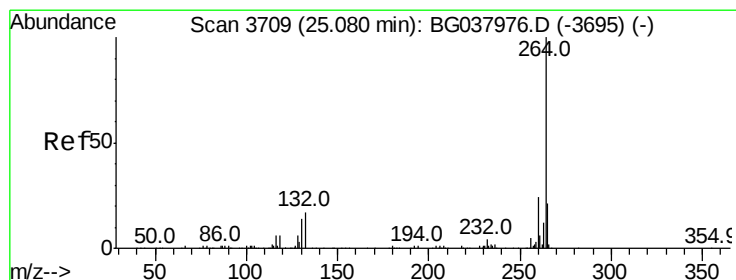
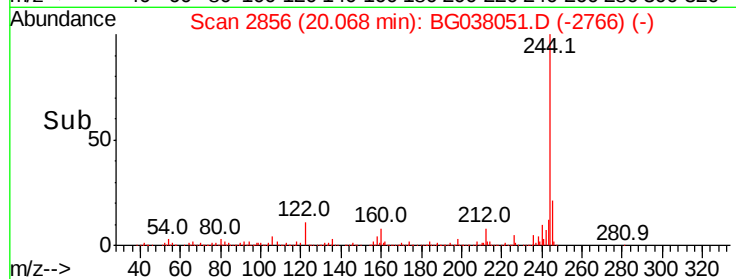
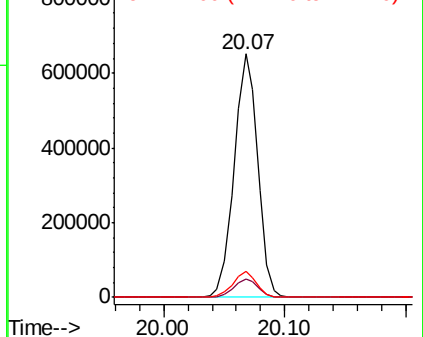
122 10.8 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038051.D

Acq: 17 Nov 2018 2:32

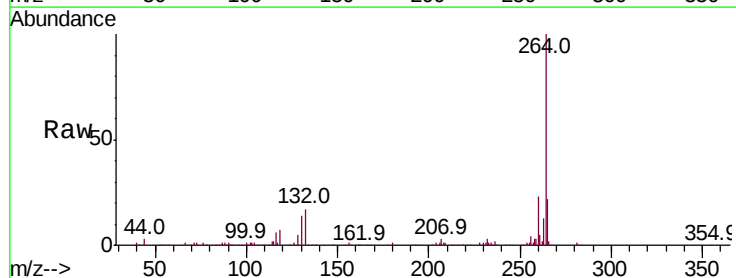
Tgt Ion:264 Resp: 309573

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.7 17.9 26.9



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

