

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033009.D
 Acq On : 6 Mar 2018 4:38
 Operator : SJ/JU
 Sample : J1783-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE

Quant Time: Mar 06 07:08:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

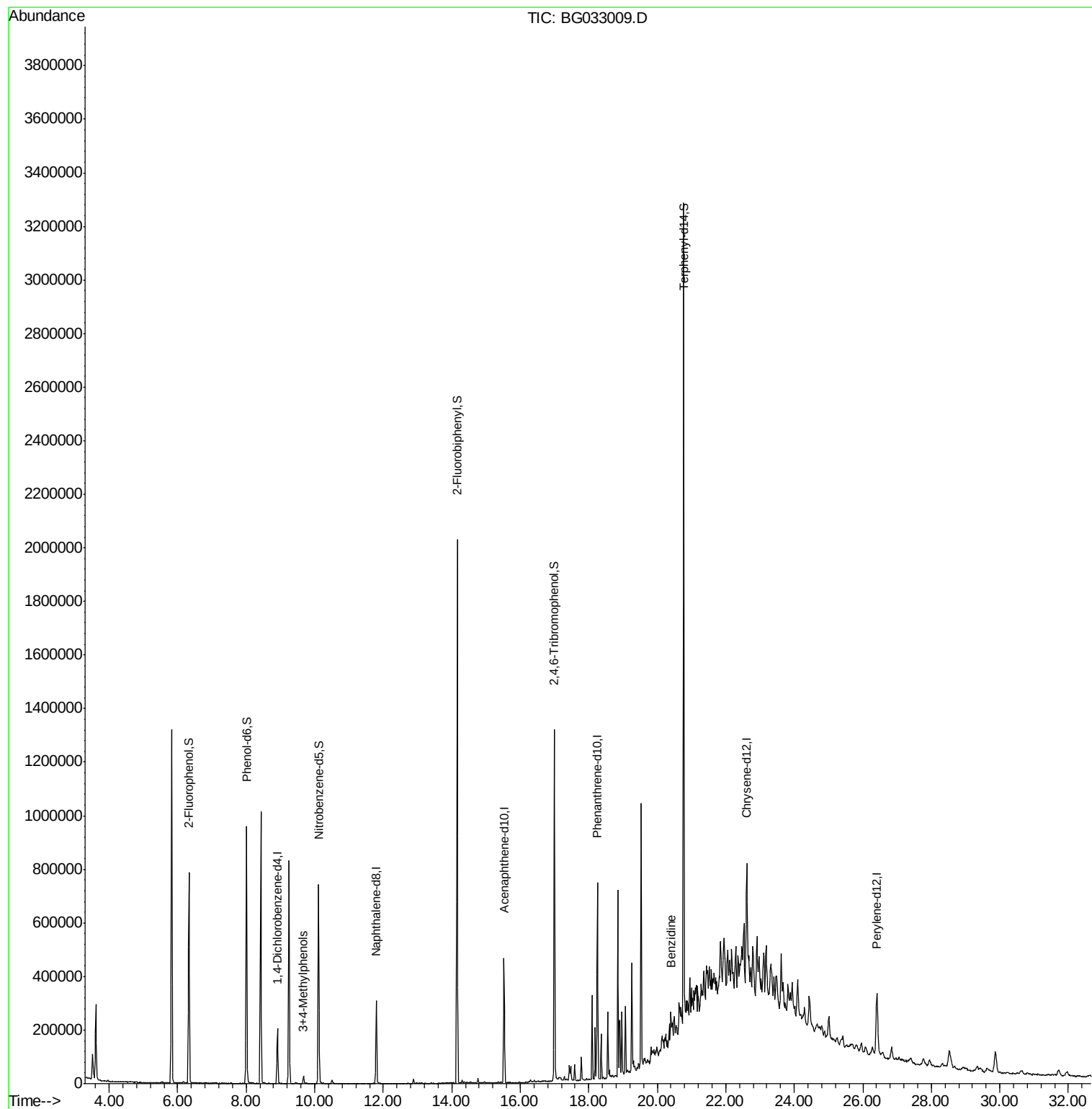
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	60194	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	272960	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	157766	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	336401	20.00	ng	0.00
75) Chrysene-d12	22.61	240	301613	20.00	ng	0.00
86) Perylene-d12	26.41	264	313802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	361746	96.15	ng	0.00
7) Phenol-d6	8.01	99	587772	112.08	ng	0.00
23) Nitrobenzene-d5	10.11	82	464473	114.23	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	234087	141.11	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1042005	95.26	ng	0.00
78) Terphenyl-d14	20.77	244	1386505	103.28	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.67	107	13009	2.400	ng	95
76) Benzidine	20.40	184	53114	5.166	ng	97

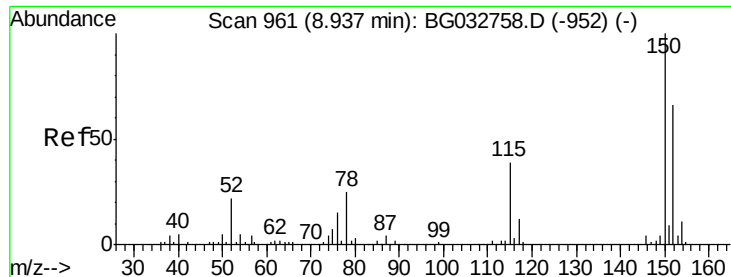
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033009.D
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Sample : J1783-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLUDGE

Quant Time: Mar 06 07:08:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



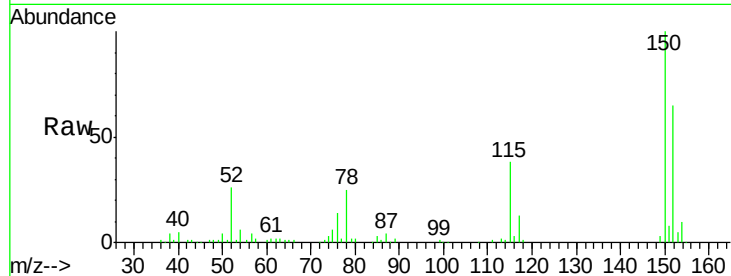


#1

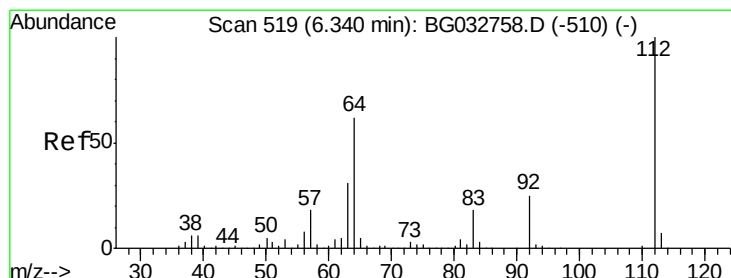
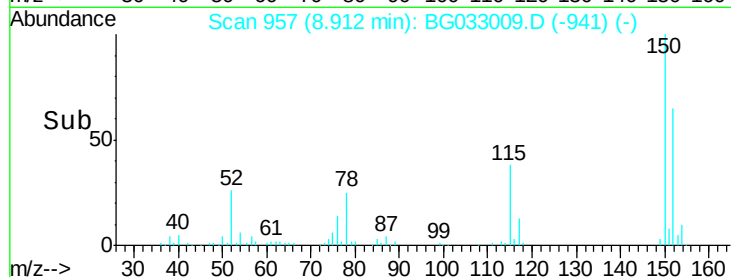
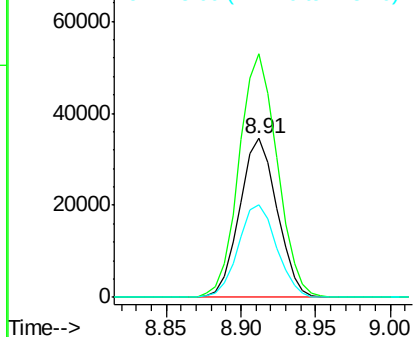
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033009.D
Acq: 6 Mar 2018 4:38

Instrument :
BNA_G
ClientSampleId :
SLUDGE

Tot Ion:152 Resp: 60194
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 58.5 53.0 79.4



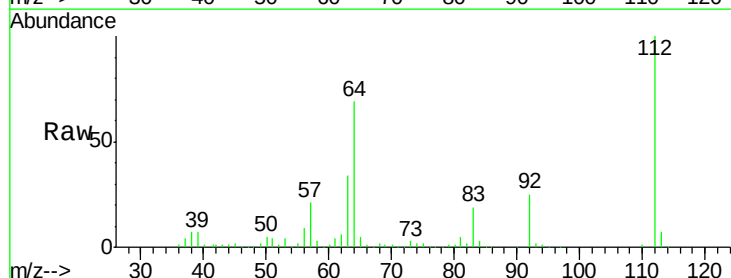
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



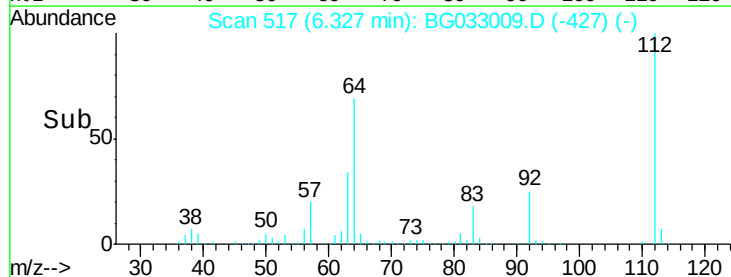
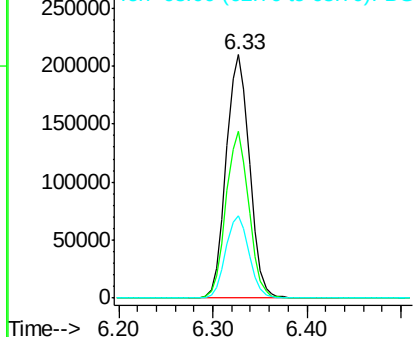
#5

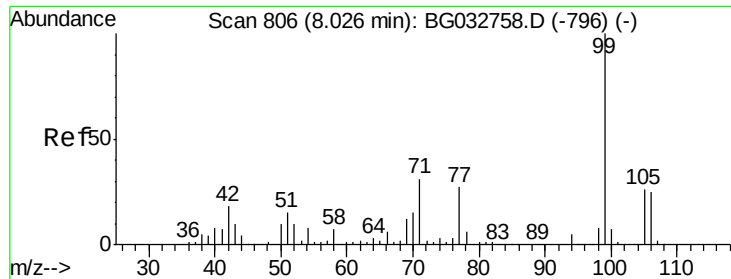
2-Fluorophenol
Concen: 96.146 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033009.D
Acq: 6 Mar 2018 4:38

Tgt Ion:112 Resp: 361746
Ion Ratio Lower Upper
112 100
64 68.7 56.3 84.5
63 34.0 30.1 45.1



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: 112.077 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

Instrument :

BNA_G

ClientSampleId :

SLUDGE

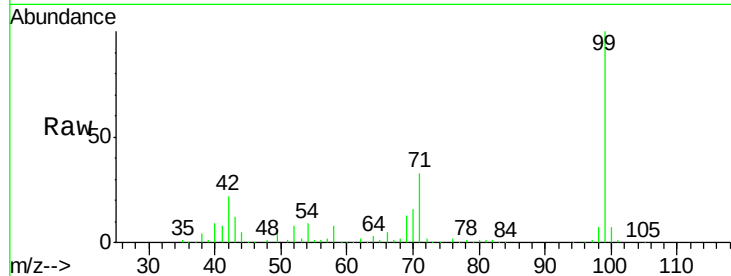
Tot Ion: 99 Resp: 587772

Ion Ratio Lower Upper

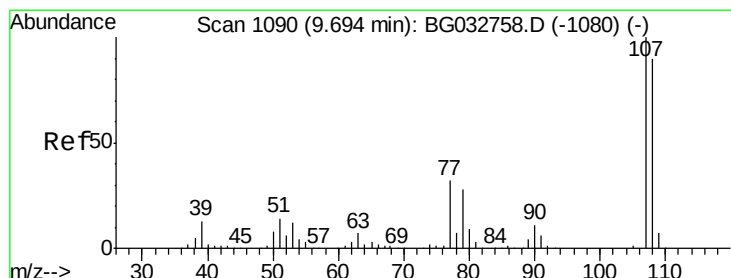
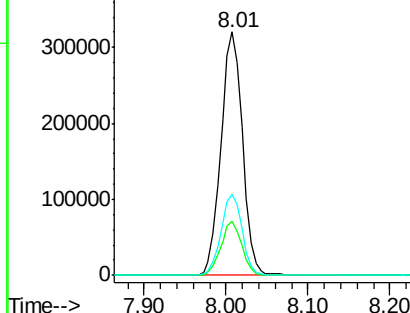
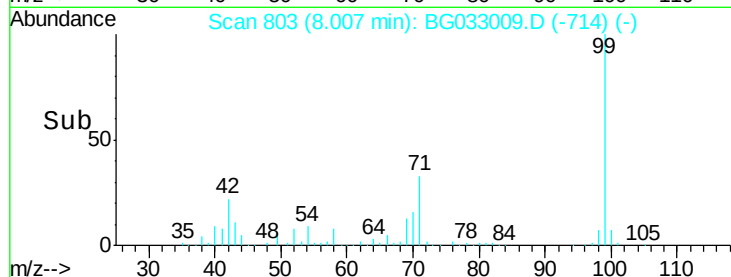
99 100

42 22.1 14.1 21.1#

71 33.1 26.1 39.1



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



#20

3+4-Methylphenols

Concen: 2.400 ng

RT: 9.67 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

Tgt Ion:107 Resp: 13009

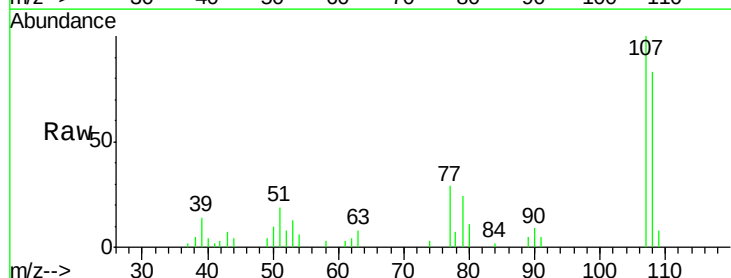
Ion Ratio Lower Upper

107 100

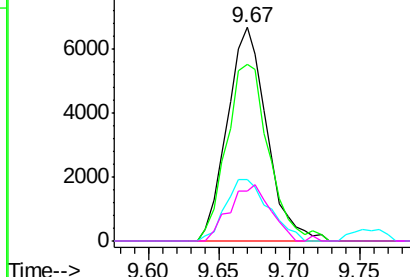
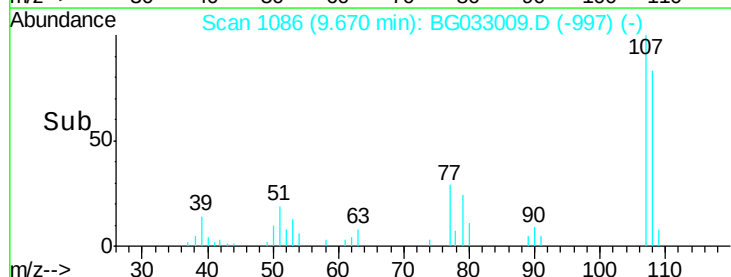
108 82.8 61.6 101.6

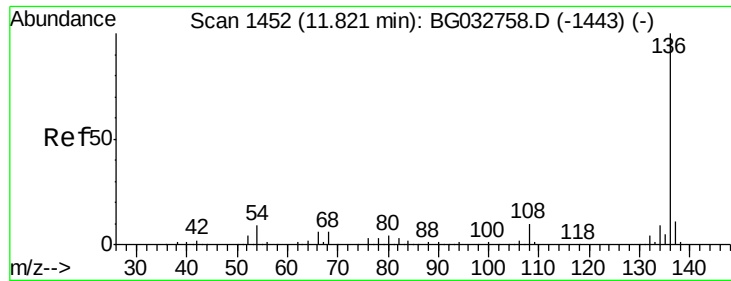
77 28.7 13.9 53.9

79 23.5 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

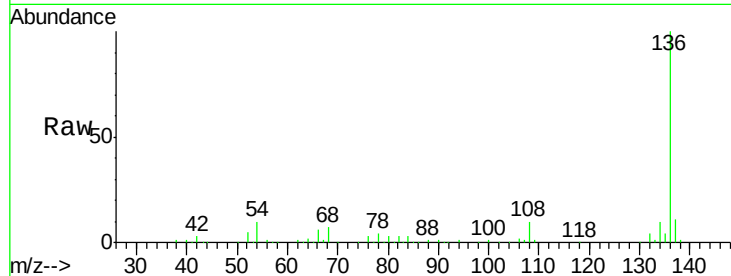




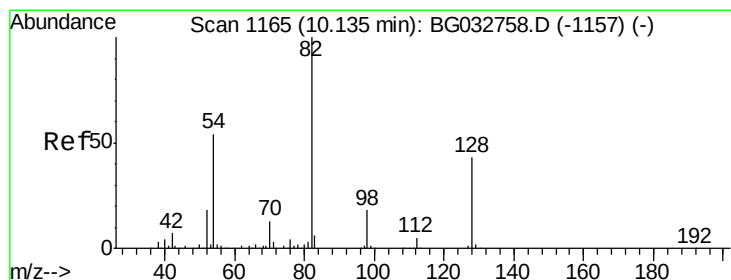
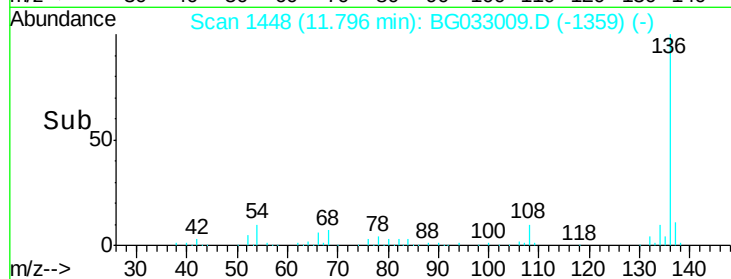
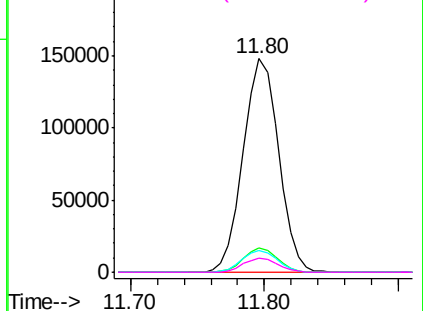
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033009.D
Acq: 6 Mar 2018 4:38

Instrument :
BNA_G
ClientSampleId :
SLUDGE

Tot Ion:136	Resp:	272960
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.2 13.8
54	10.4	10.3 15.5
68	6.7	4.5 6.7

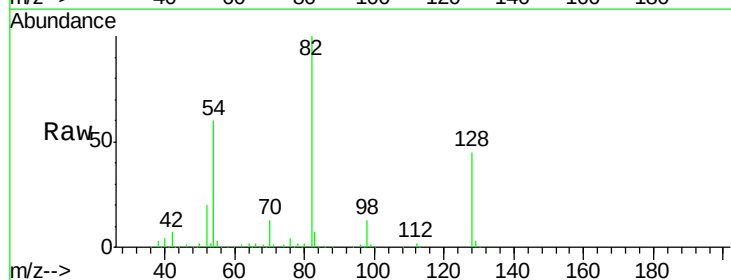


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

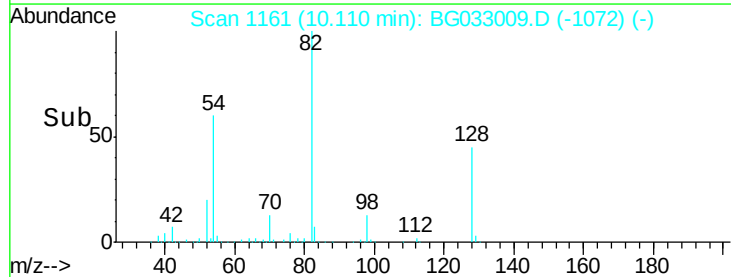
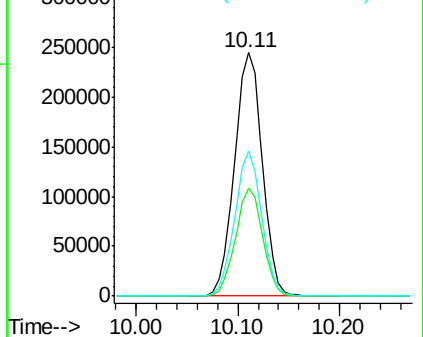


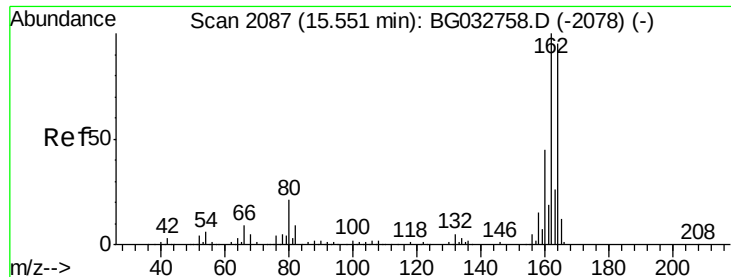
#23
Nitrobenzene-d5
Concen: 114.226 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033009.D
Acq: 6 Mar 2018 4:38

Tgt Ion: 82	Resp:	464473
Ion	Ratio	Lower Upper
82	100	
128	44.5	29.7 44.5#
54	59.6	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

Instrument :

BNA_G

ClientSampleId :

SLUDGE

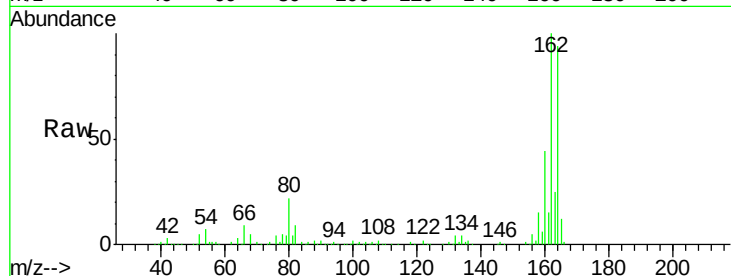
Tot Ion:164 Resp: 157766

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

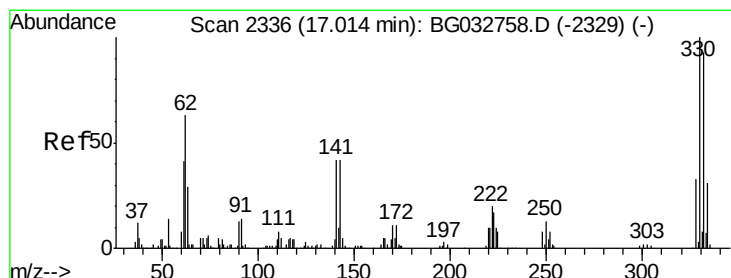
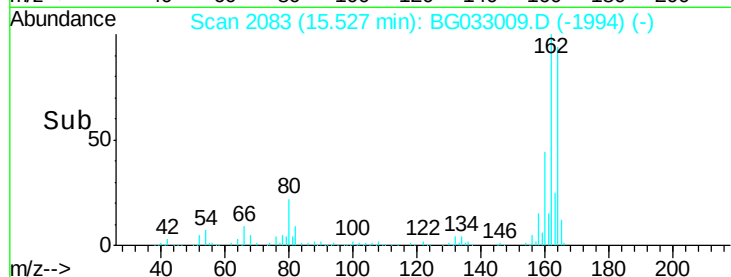
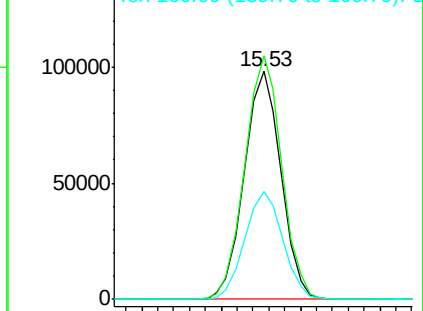
160 47.1 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 141.114 ng

RT: 17.00 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

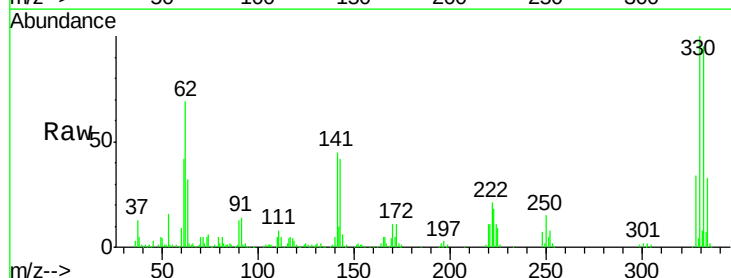
Tgt Ion:330 Resp: 234087

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

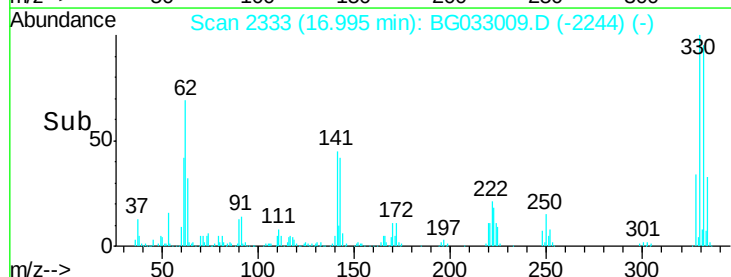
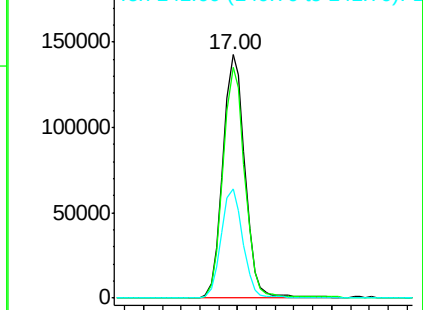
141 44.3 25.2 37.8#

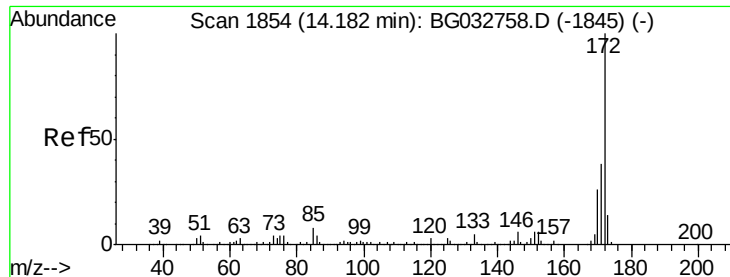


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

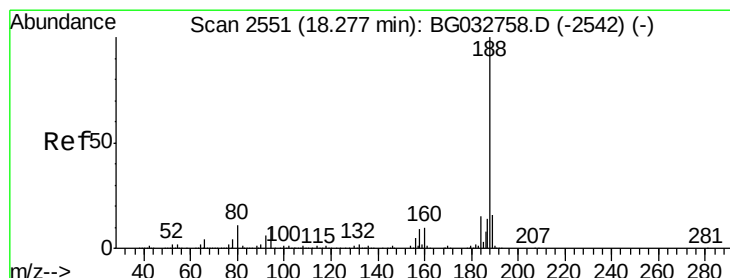
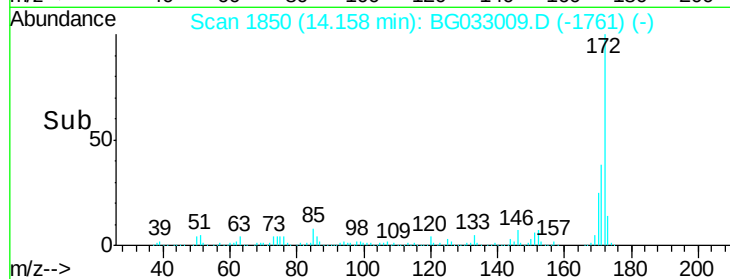
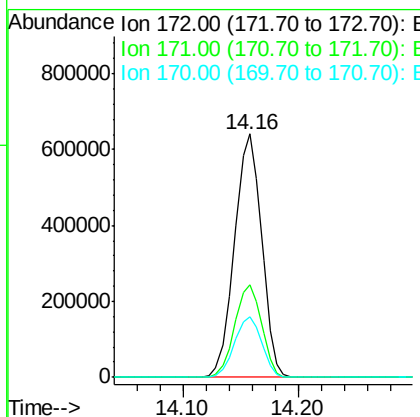
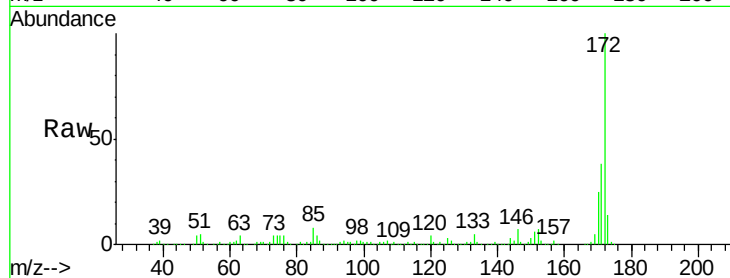




#44
 2-Fluorobiphenyl
 Concen: 95.257 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033009.D
 Acq: 6 Mar 2018 4:38

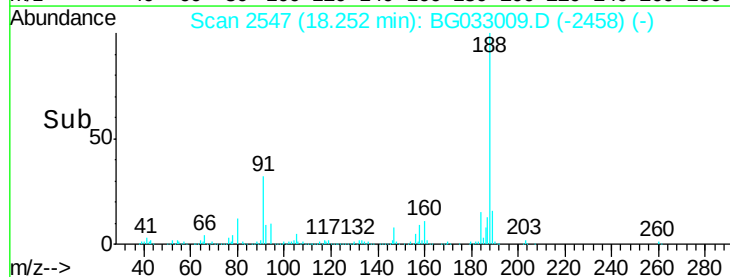
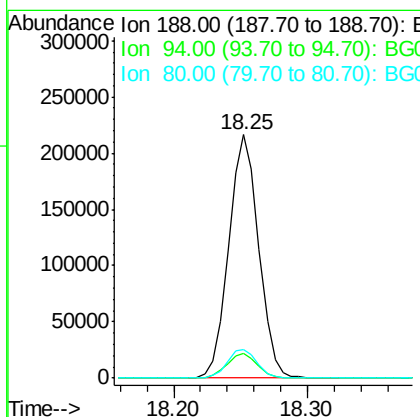
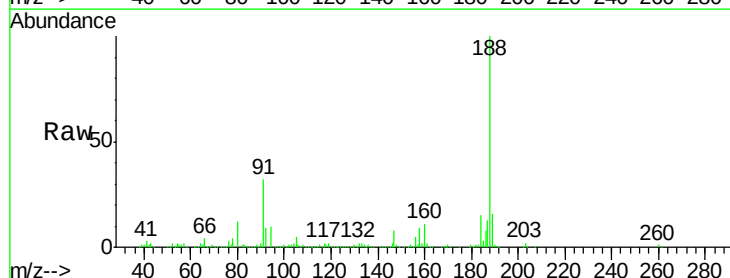
Instrument :
 BNA_G
 ClientSampleId :
 SLUDGE

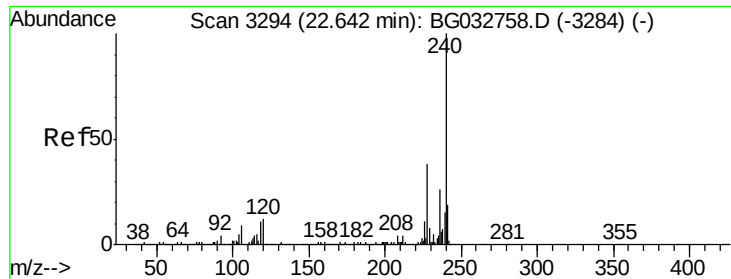
Tot Ion:172 Resp: 1042005
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BG033009.D
 Acq: 6 Mar 2018 4:38

Tgt Ion:188 Resp: 336401
 Ion Ratio Lower Upper
 188 100
 94 10.4 6.9 10.3#
 80 11.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

Instrument :

BNA_G

ClientSampleId :

SLUDGE

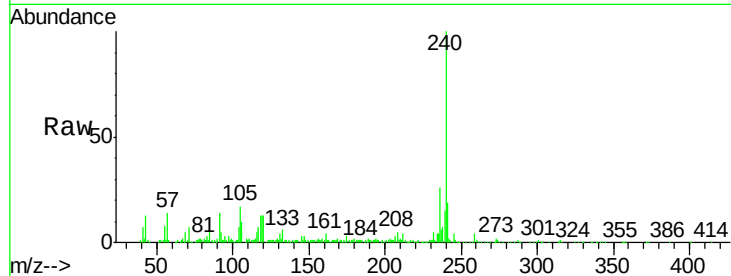
Tot Ion:240 Resp: 301613

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

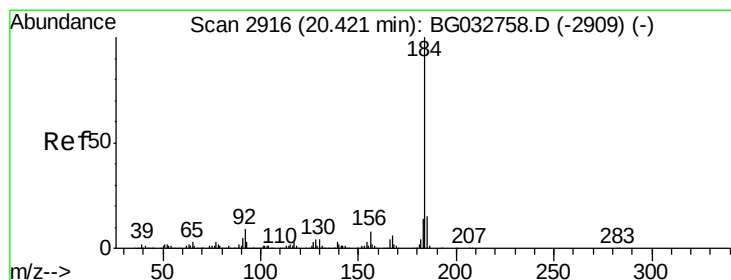
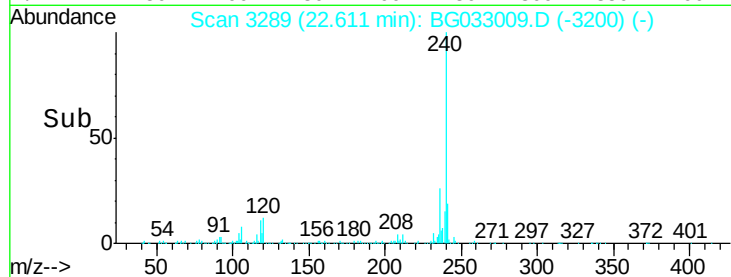
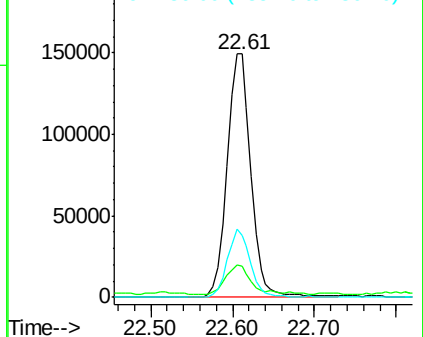
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 5.166 ng

RT: 20.40 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

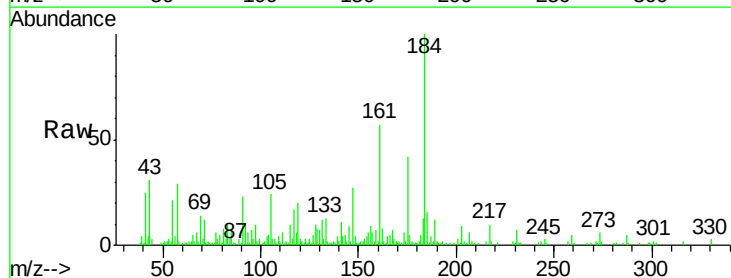
Tgt Ion:184 Resp: 53114

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

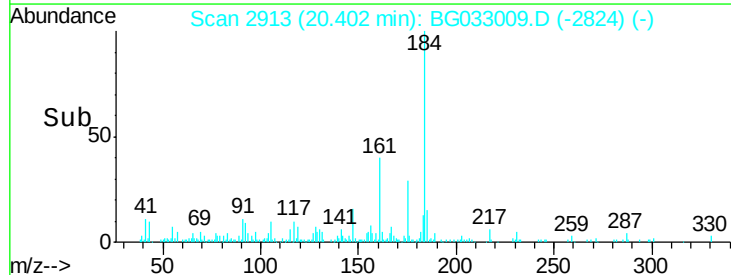
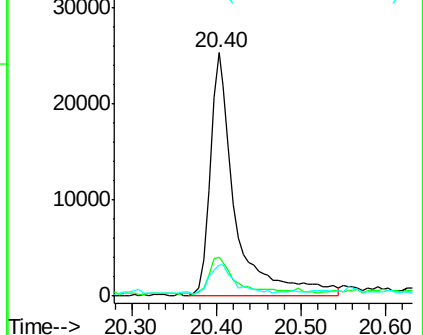
183 12.9 10.6 16.0

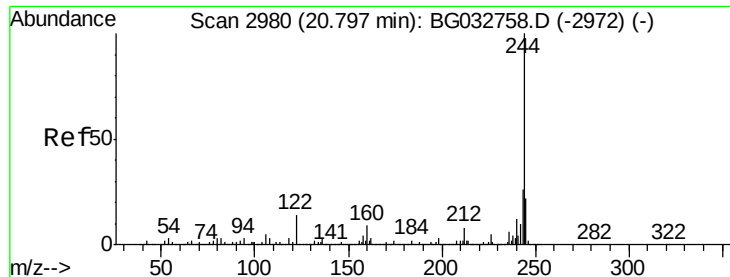


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 103.281 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

Instrument :

BNA_G

ClientSampleId :

SLUDGE

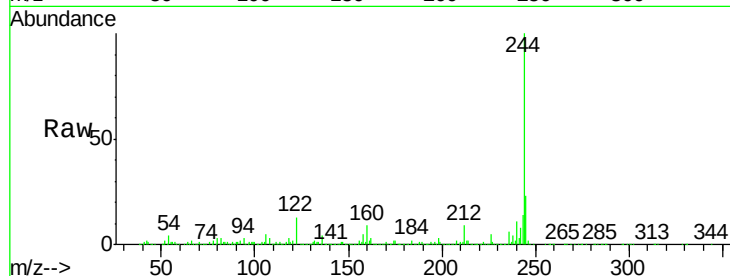
Tot Ion:244 Resp: 1386505

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

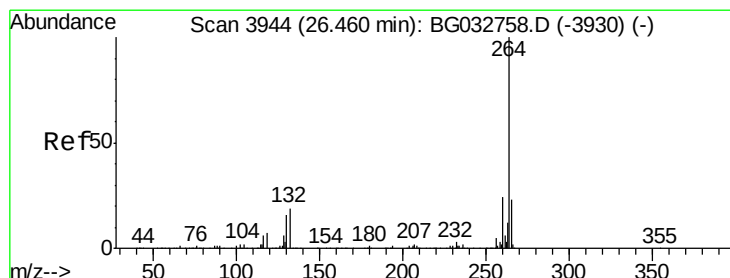
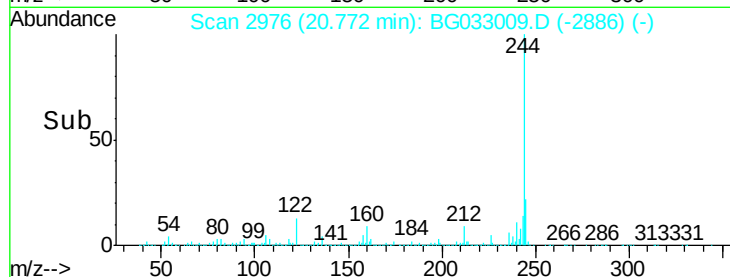
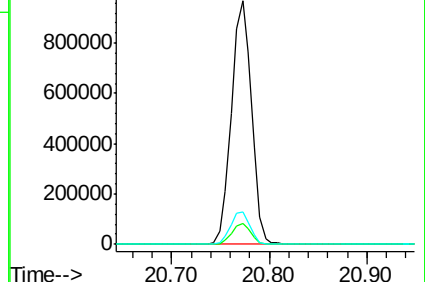
122 13.4 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. -0.01 min

Lab File: BG033009.D

Acq: 6 Mar 2018 4:38

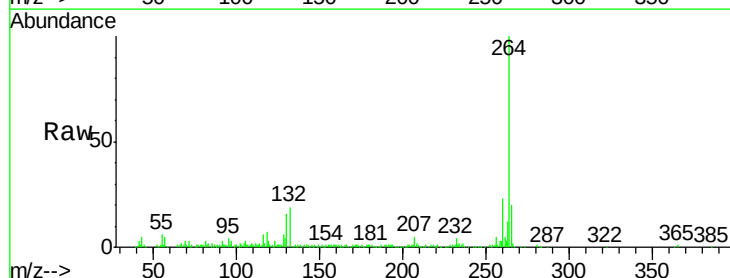
Tgt Ion:264 Resp: 313802

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 20.1 17.7 26.5



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

