

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032820.D
 Acq On : 26 Feb 2018 14:00
 Operator : SJ/JU
 Sample : J1688-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3-SOIL

Quant Time: Feb 26 18:04:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

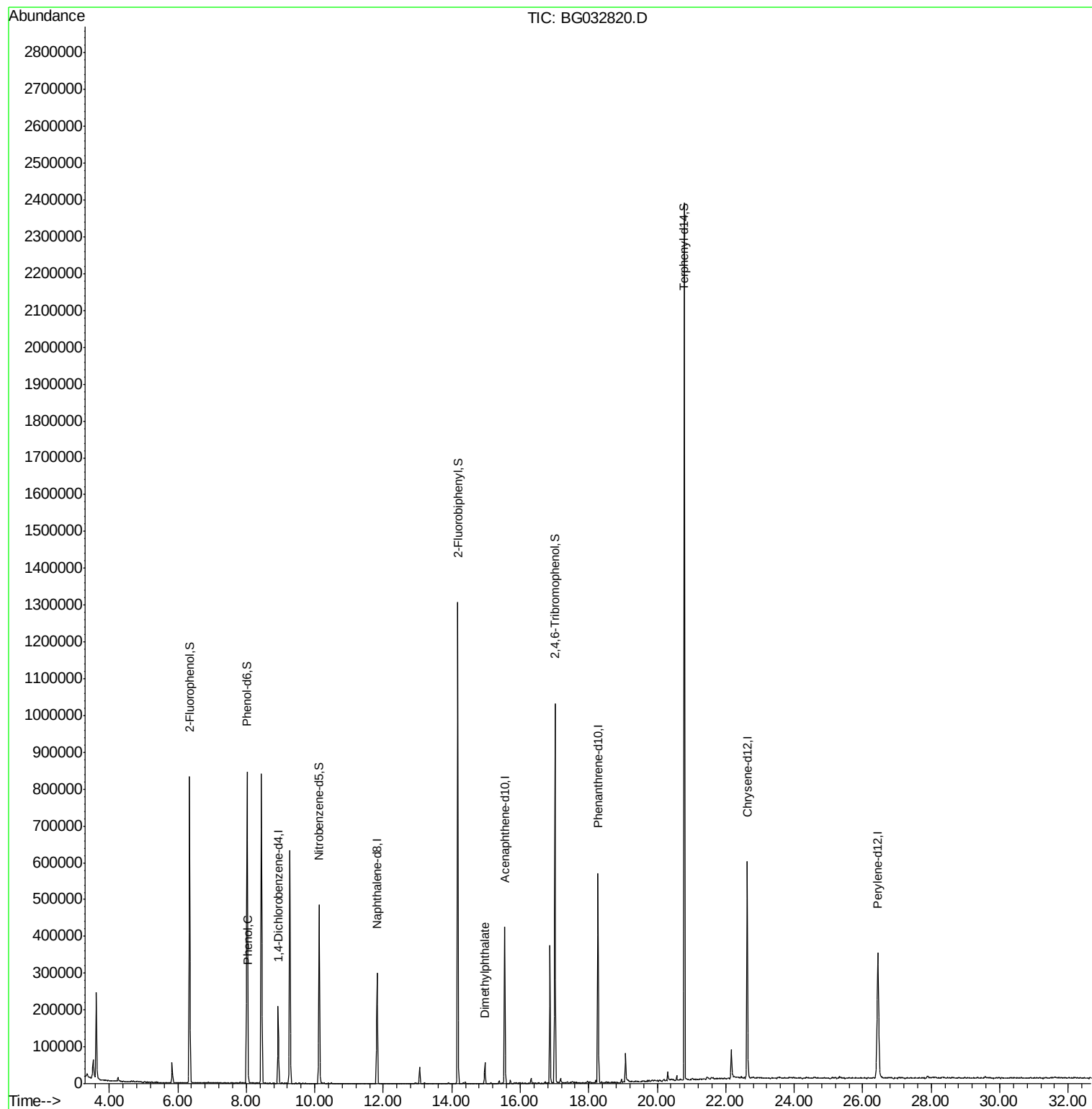
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	64306	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	275765	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	152517	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	355506	20.00	ng	0.00
75) Chrysene-d12	22.63	240	370015	20.00	ng	0.00
86) Perylene-d12	26.44	264	400931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	419487	104.36	ng	0.00
7) Phenol-d6	8.03	99	564686	100.79	ng	0.01
23) Nitrobenzene-d5	10.13	82	305405	77.80	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	184494	115.05	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	696670	65.88	ng	0.00
78) Terphenyl-d14	20.79	244	1060416	64.39	ng	0.00
Target Compounds						
10) Phenol	8.05	94	13288	2.353	ng	97
49) Dimethylphthalate	14.97	163	38472	2.971	ng	97

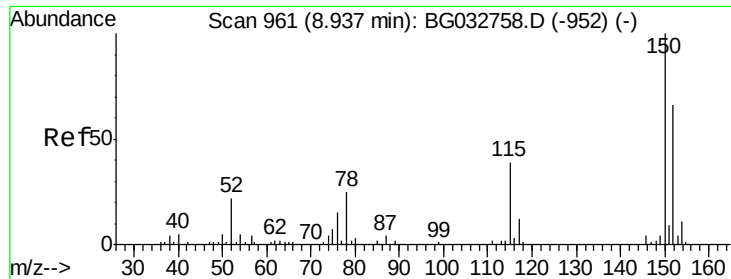
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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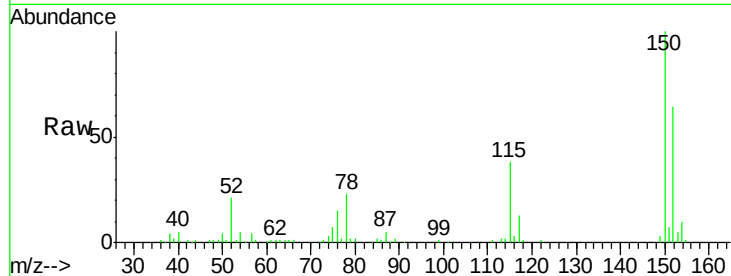


#1

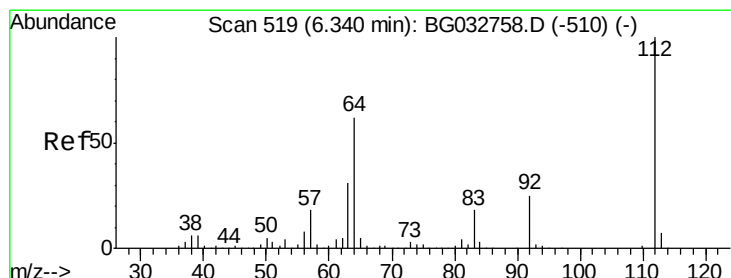
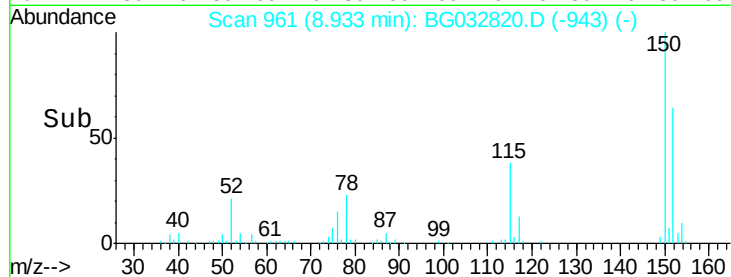
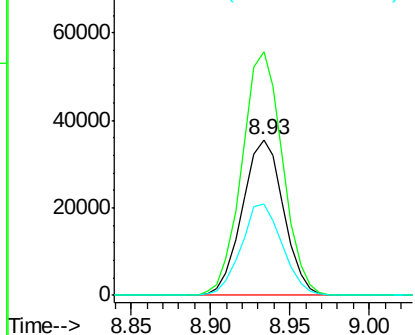
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Instrument :
BNA_G
ClientSampleId :
T-3-SOIL

Tot Ion:152 Resp: 64306
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 58.8 53.0 79.4



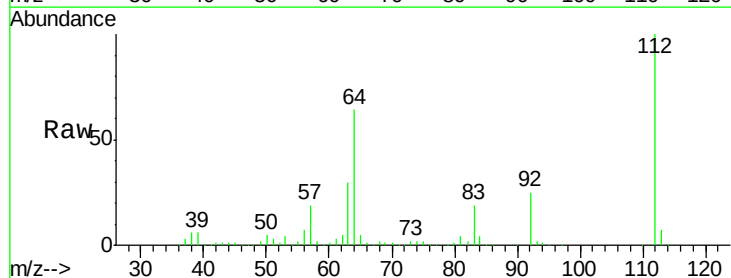
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



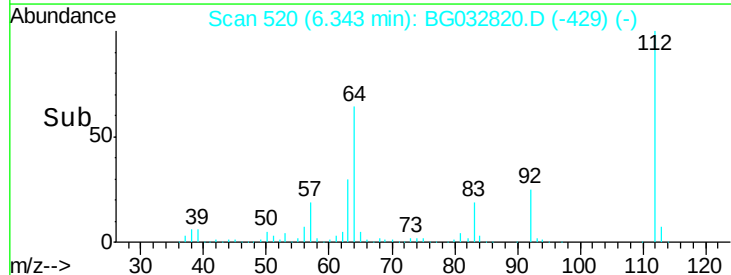
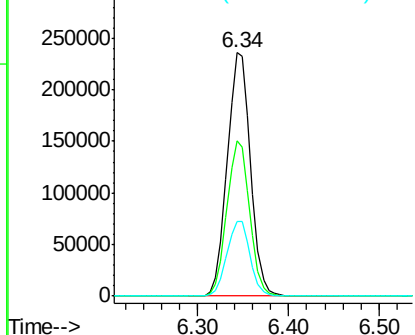
#5

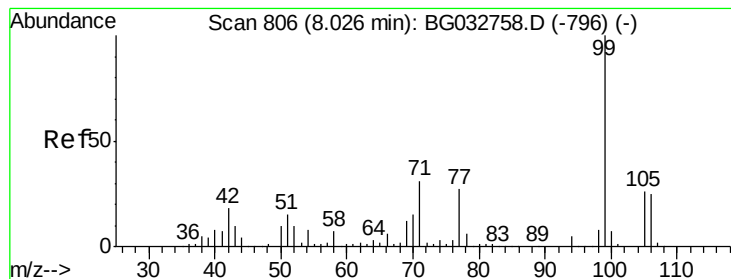
2-Fluorophenol
Concen: 104.363 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Tgt Ion:112 Resp: 419487
Ion Ratio Lower Upper
112 100
64 63.9 56.3 84.5
63 30.5 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: 100.790 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampled :

T-3-SOIL

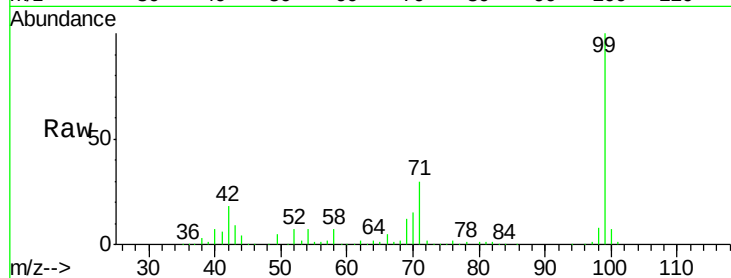
Tot Ion: 99 Resp: 564686

Ion Ratio Lower Upper

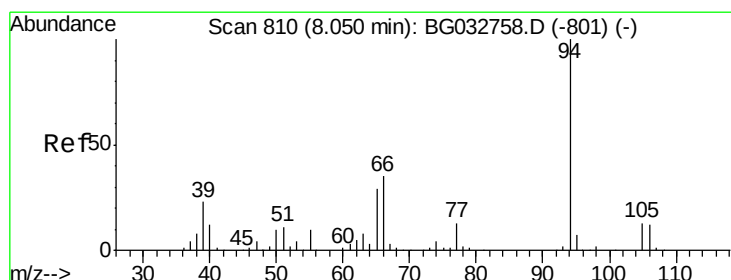
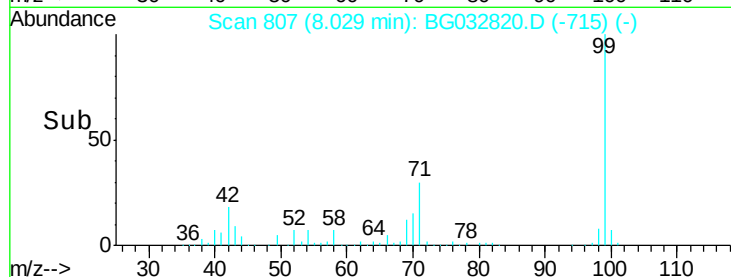
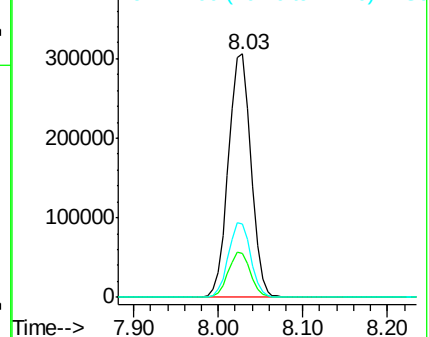
99 100

42 18.0 14.1 21.1

71 29.9 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



#10

Phenol

Concen: 2.353 ng

RT: 8.05 min Scan# 811

Delta R.T. 0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

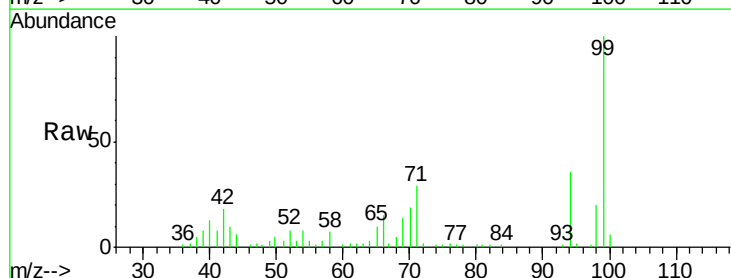
Tgt Ion: 94 Resp: 13288

Ion Ratio Lower Upper

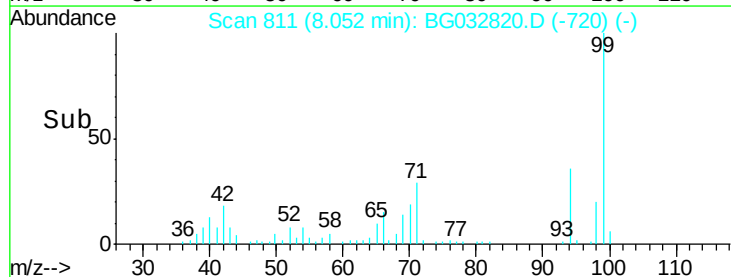
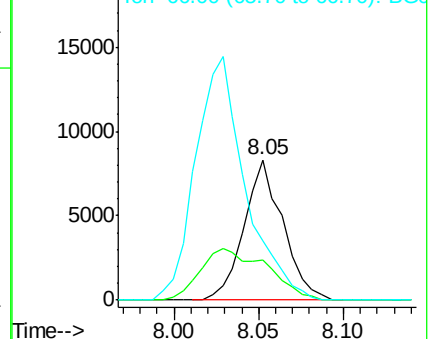
94 100

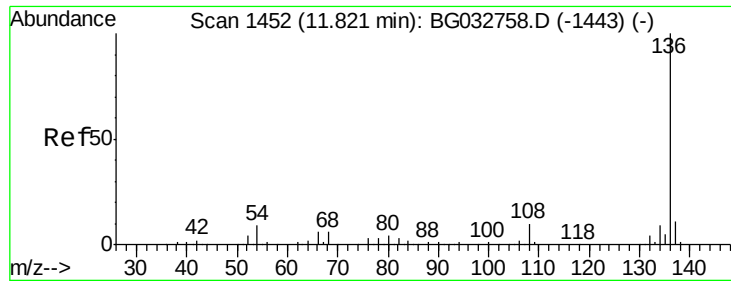
65 28.7 11.9 51.9

66 42.0 22.2 62.2



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

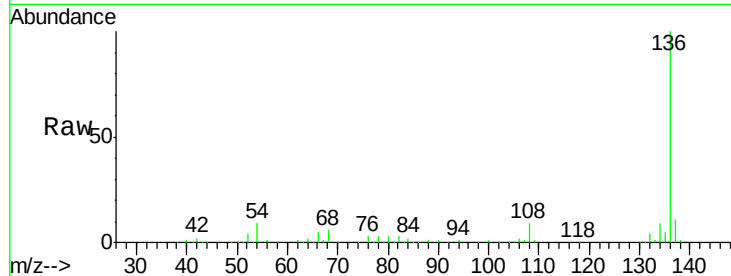




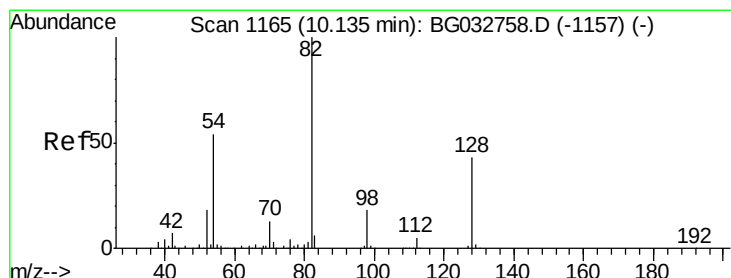
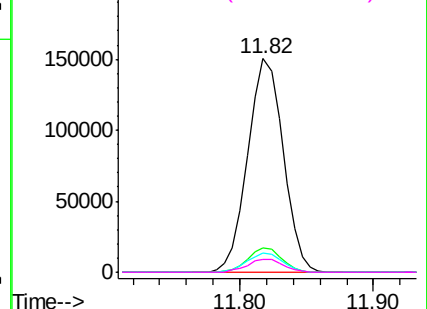
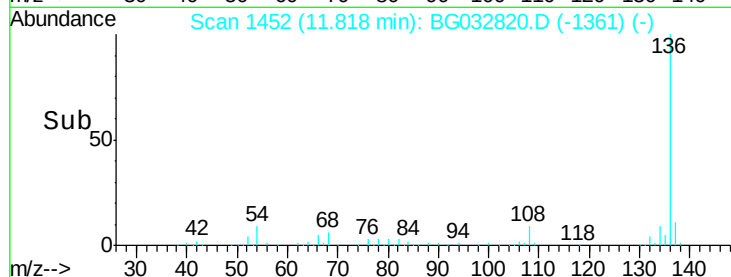
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Instrument :
BNA_G
ClientSampleId :
T-3-SOIL

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.0	10.3	15.5
68	6.0	4.5	6.7

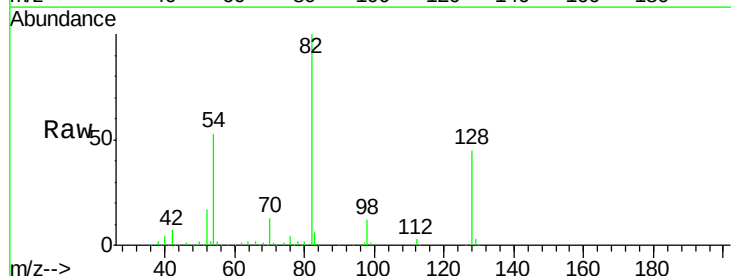


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

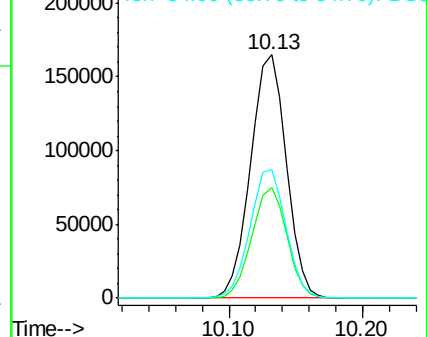
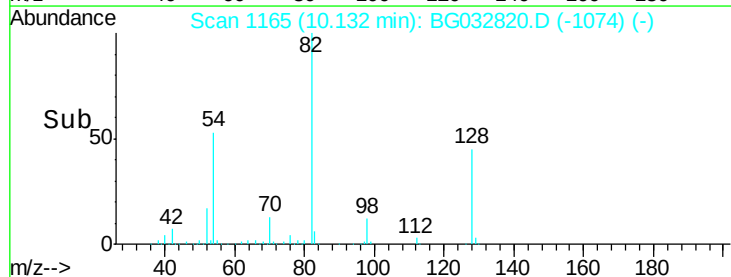


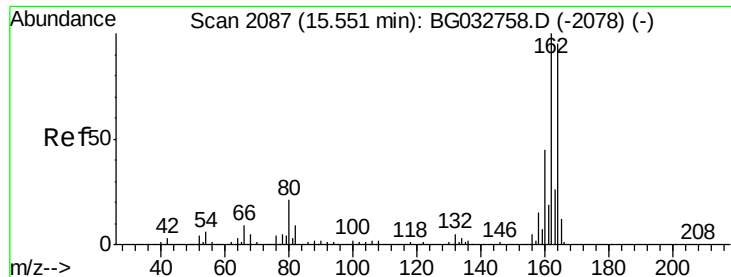
#23
Nitrobenzene-d5
Concen: 77.804 ng
RT: 10.13 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5
54	52.7	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampleId :

T-3-SOIL

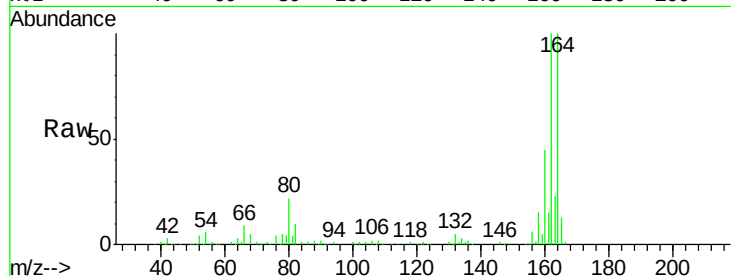
Tot Ion:164 Resp: 152517

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

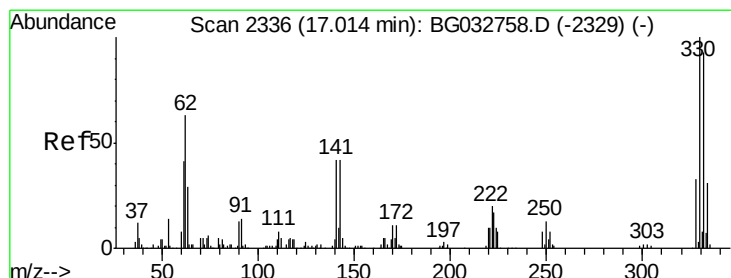
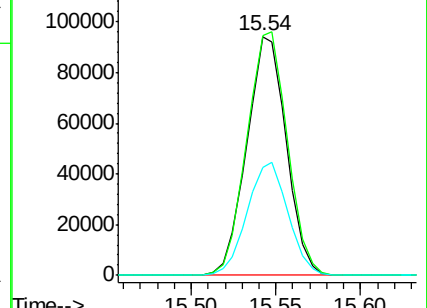
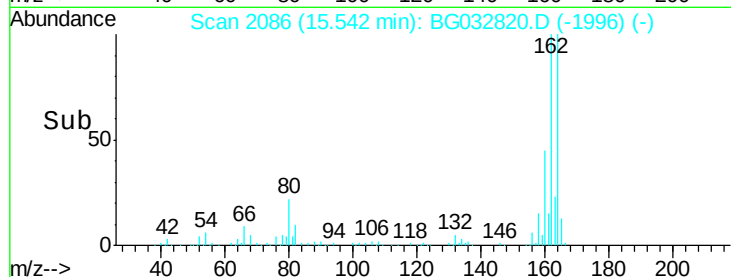
160 45.1 35.4 53.0



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: 115.045 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

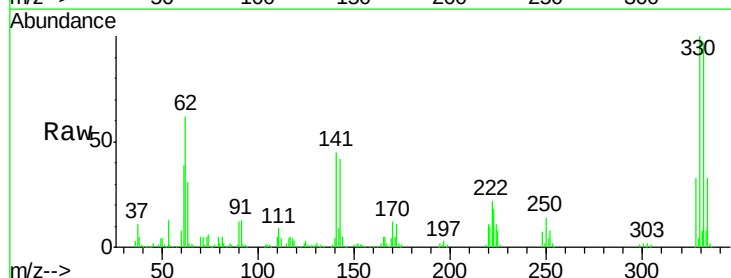
Tgt Ion:330 Resp: 184494

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

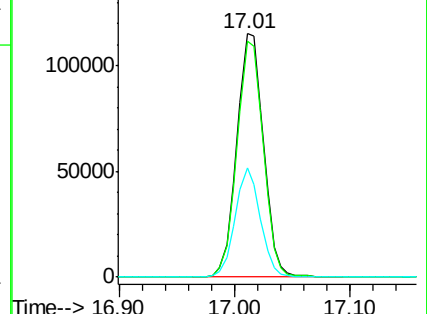
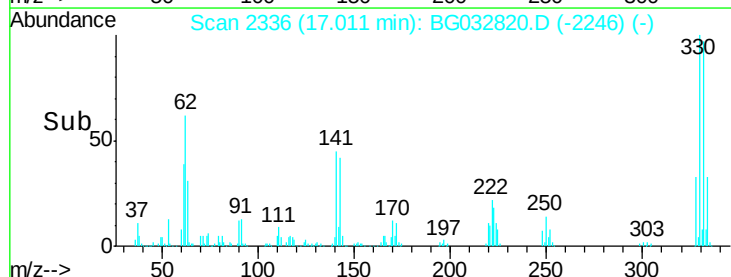
141 42.0 25.2 37.8#

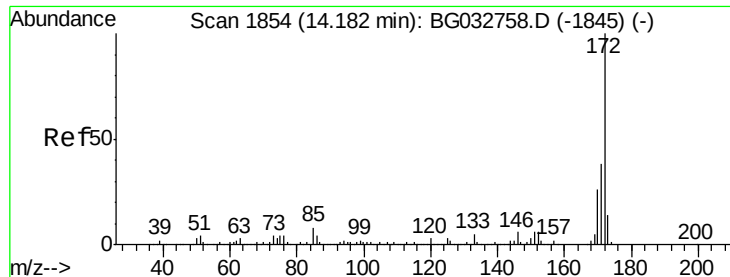


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

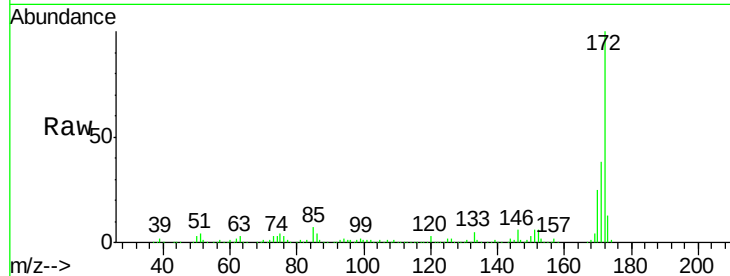




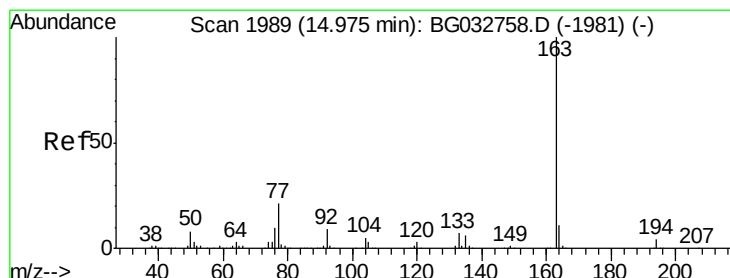
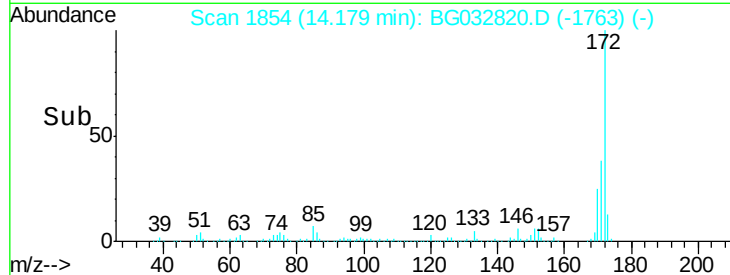
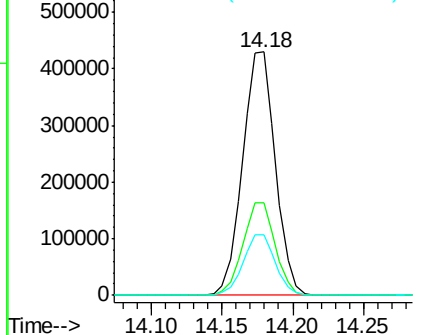
#44
 2-Fluorobiphenyl
 Concen: 65.879 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 T-3-SOIL

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.9	19.5	29.3

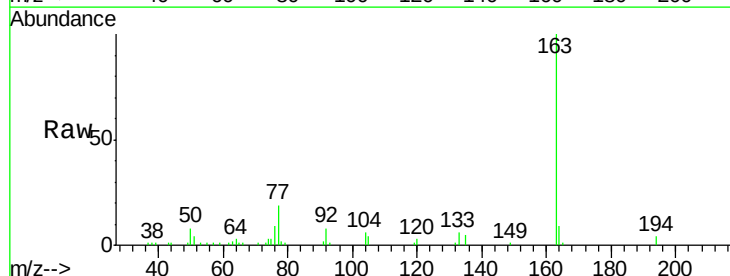


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

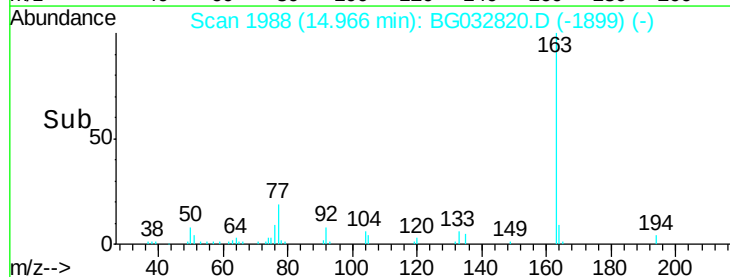
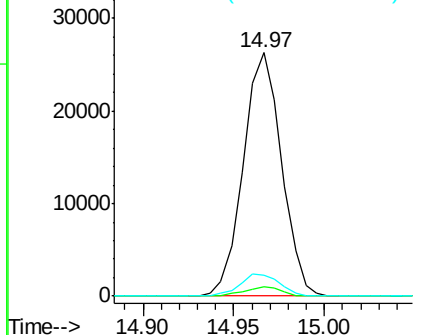


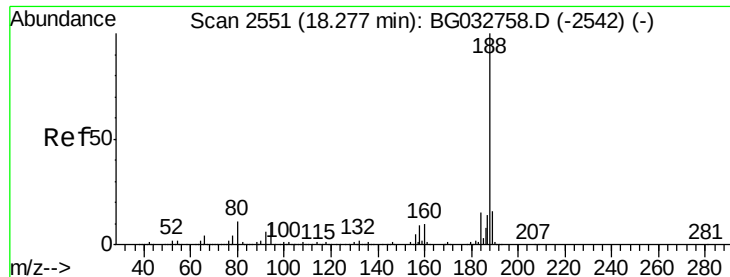
#49
 Dimethylphthalate
 Concen: 2.971 ng
 RT: 14.97 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	8.6	8.2	12.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampleId :

T-3-SOIL

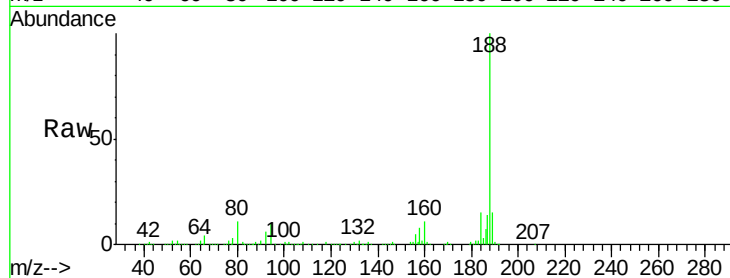
Tot Ion:188 Resp: 355506

Ion Ratio Lower Upper

188 100

94 9.9 6.9 10.3

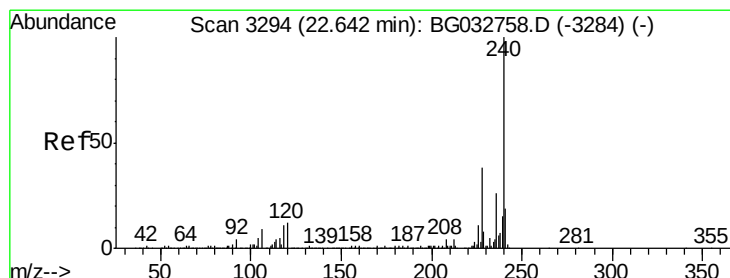
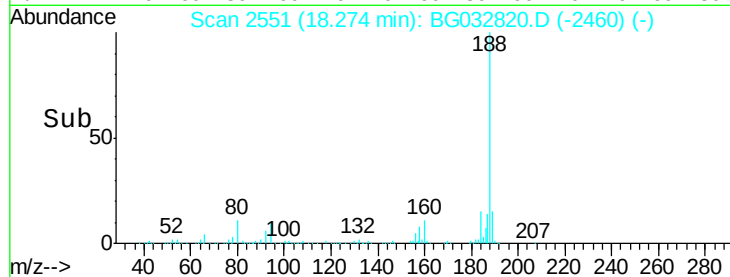
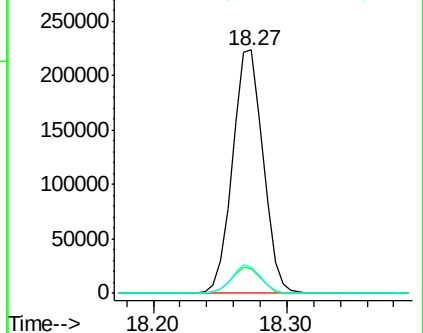
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

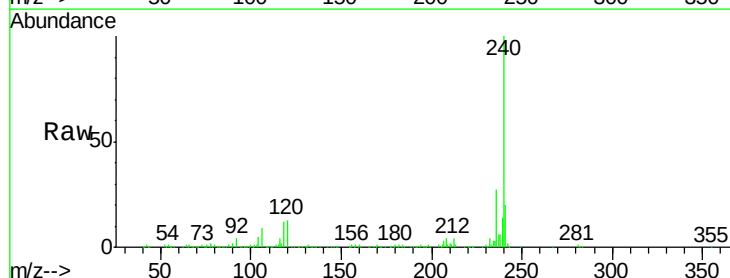
Tgt Ion:240 Resp: 370015

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

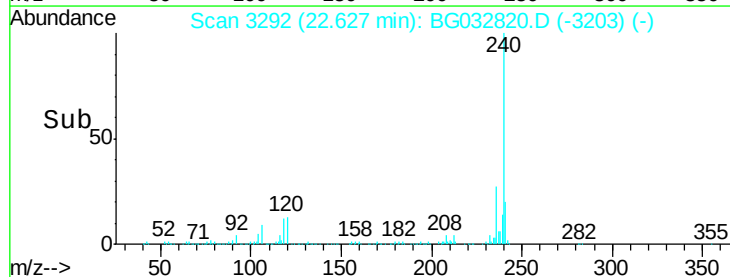
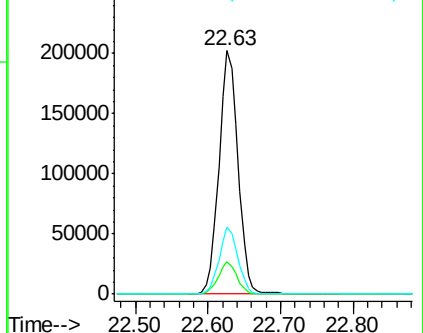
236 27.5 20.9 31.3

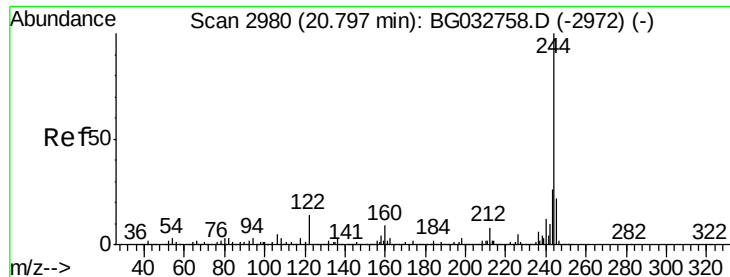


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.388 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampled :

T-3-SOIL

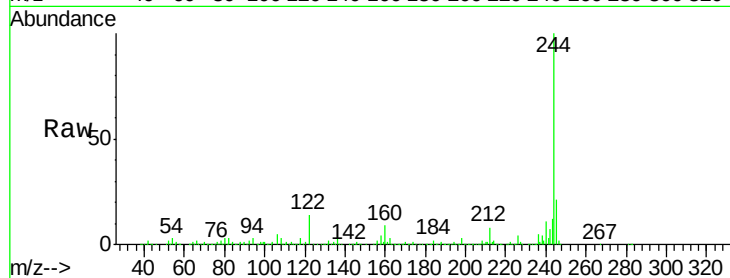
Tot Ion:244 Resp: 1060416

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

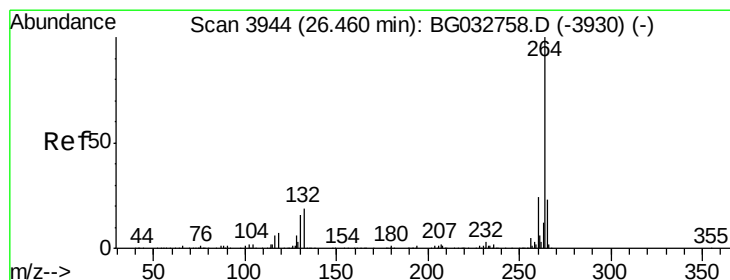
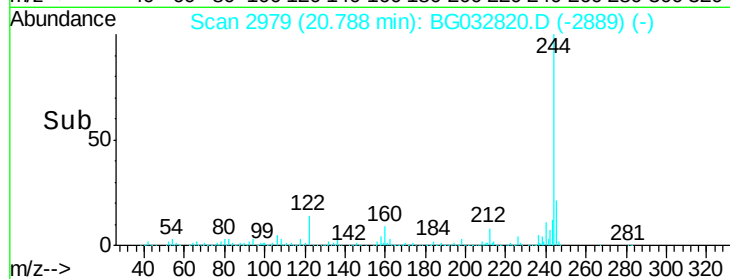
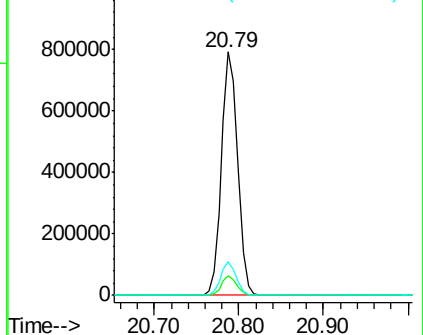
122 13.9 7.0 10.4#



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: 26.44 min Scan# 3941

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

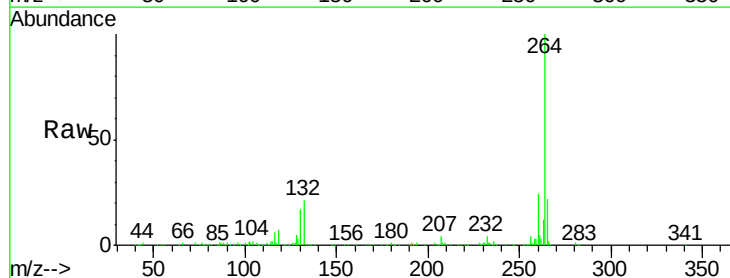
Tgt Ion:264 Resp: 400931

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.9 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

