

Data File : BG030618.D
Acq On : 31 Oct 2017 18:51
Operator : SJ/JU
Sample : I6207-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03

Quant Time: Nov 01 06:29:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69643	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	333335	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	219261	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	484920	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	525539	20.00	ng	-0.02
86) Perylene-d12	25.10	264	533370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	300965	72.19	ng	0.00
7) Phenol-d6	7.31	99	442596	75.64	ng	-0.01
23) Nitrobenzene-d5	9.32	82	267112	50.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	189267	66.86	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	578178	38.67	ng	-0.02
78) Terphenyl-d14	20.10	244	938693	40.63	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	25432	4.03	ng	98
37) 2-Methylnaphthalene	12.62	142	45283	3.74	ng	87
49) Dimethylphthalate	14.22	163	144733	8.46	ng	99
64) 4,6-Dinitro-2-methylphenol	15.87	198	70	5.02	ng	# 1

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

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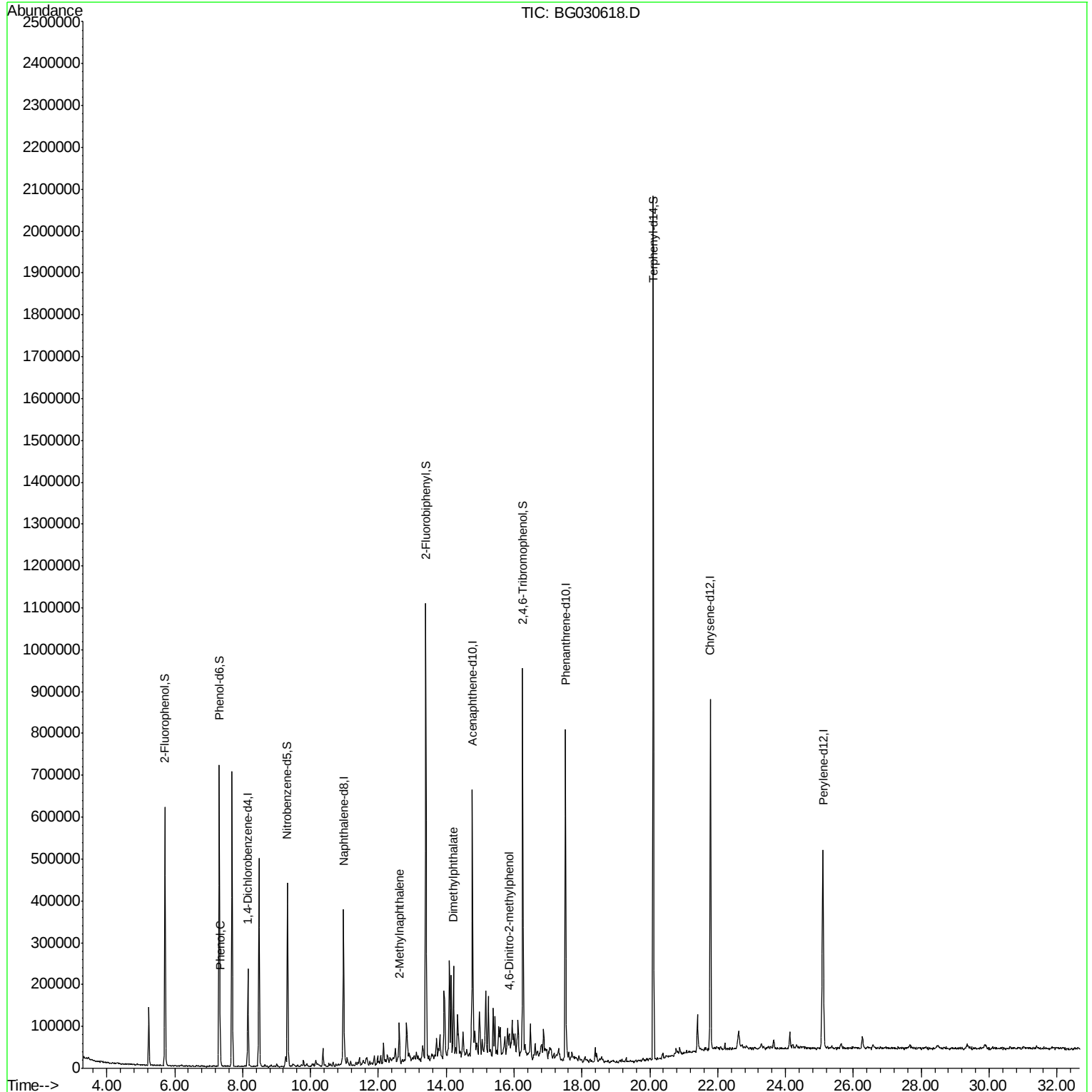
Quant Time: Nov 01 06:29:01 2017

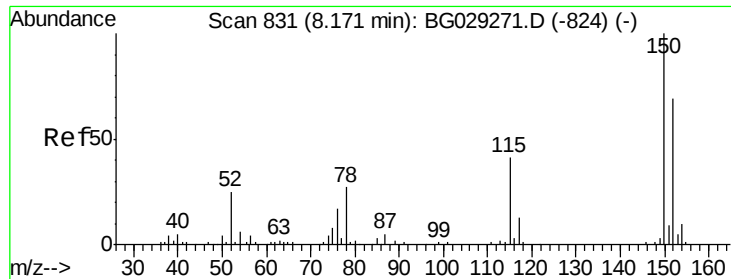
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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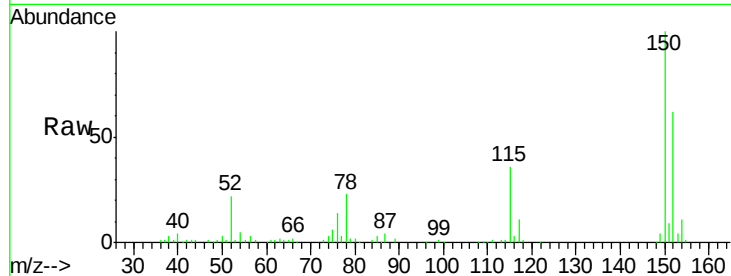


#1

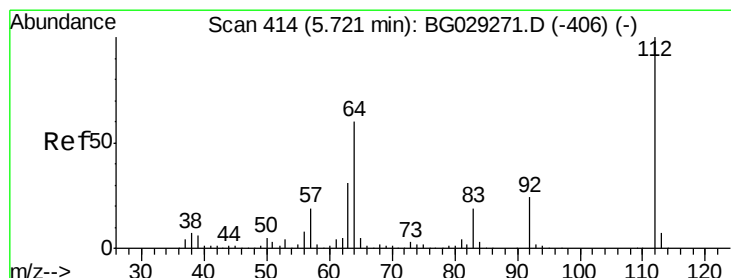
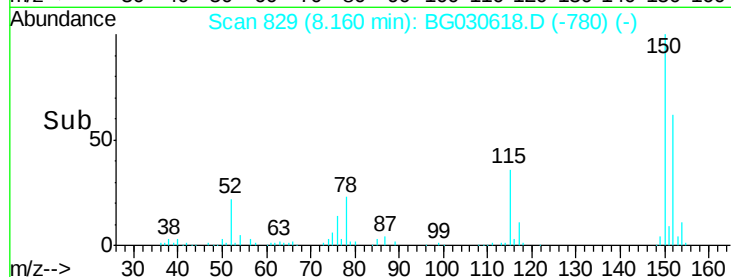
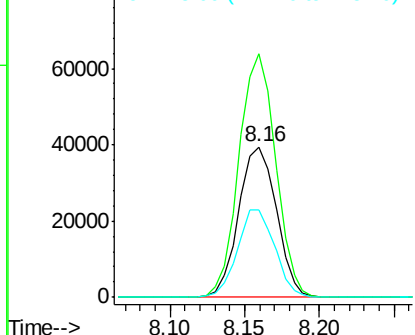
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

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Tgt Ion:152 Resp: 69643
Ion Ratio Lower Upper
152 100
150 161.5 126.6 189.8
115 58.1 53.0 79.4



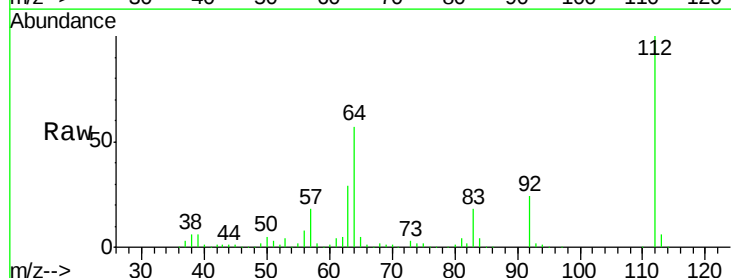
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



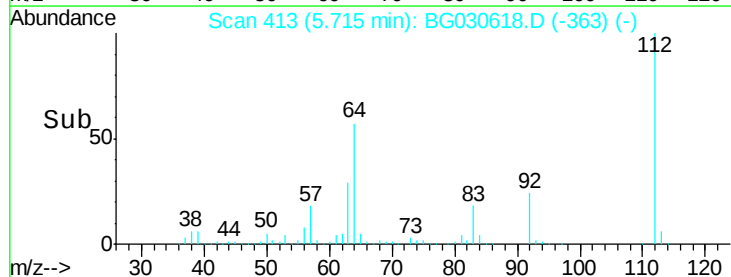
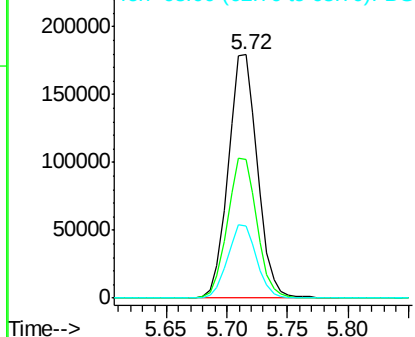
#5

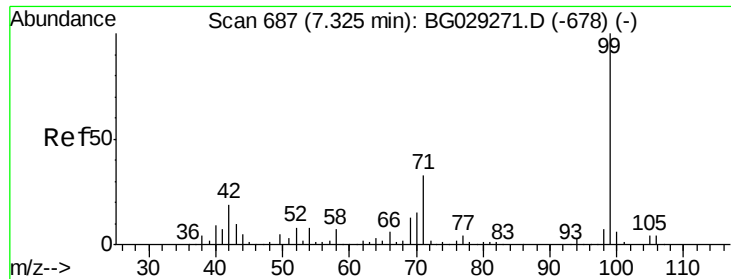
2-Fluorophenol
Concen: 72.19 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Tgt Ion:112 Resp: 300965
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 29.4 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: 75.64 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_G

ClientSampleId :

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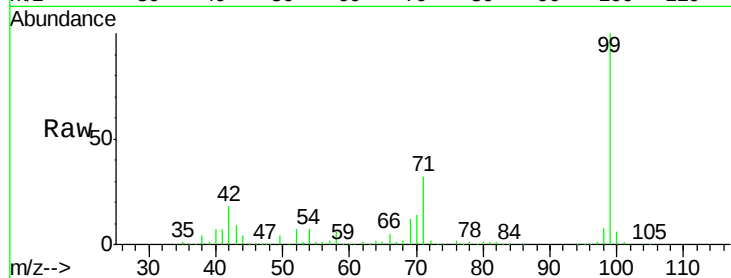
Tgt Ion: 99 Resp: 442596

Ion Ratio Lower Upper

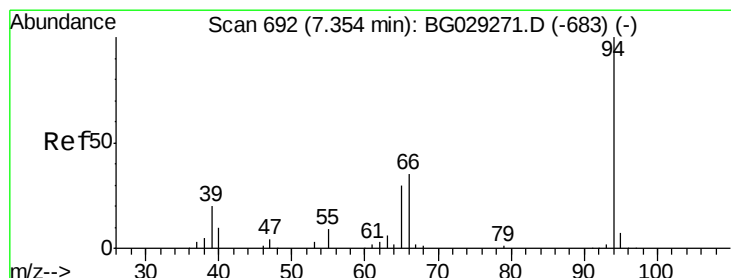
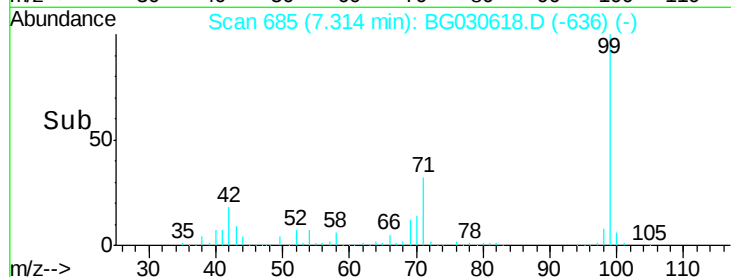
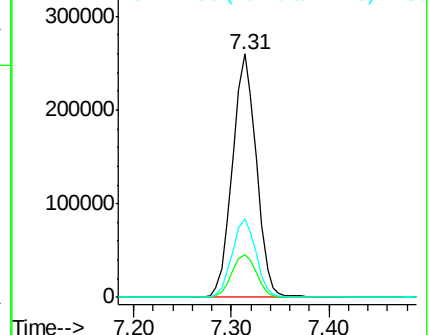
99 100

42 17.7 14.1 21.1

71 32.0 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: 4.03 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

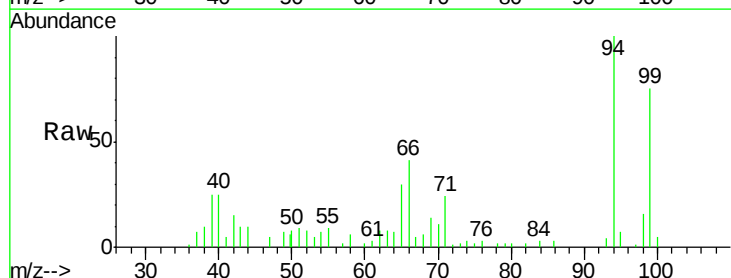
Tgt Ion: 94 Resp: 25432

Ion Ratio Lower Upper

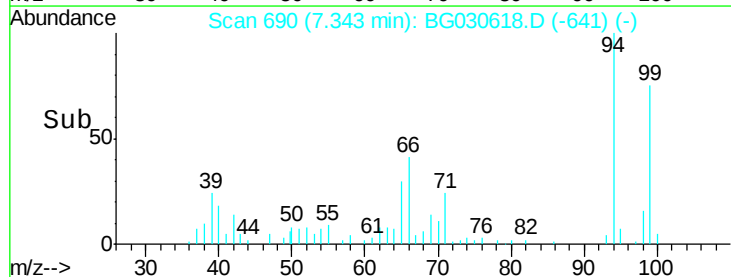
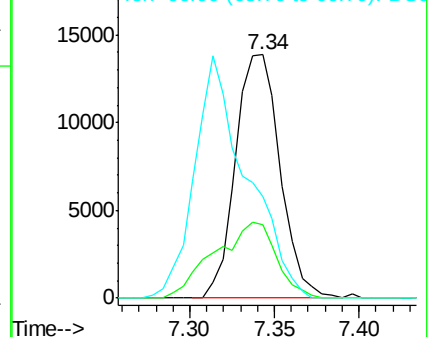
94 100

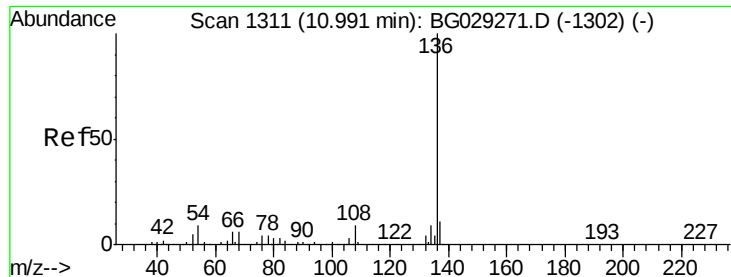
65 30.0 11.9 51.9

66 41.5 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

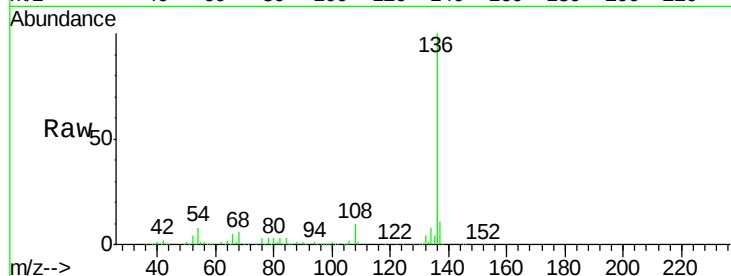




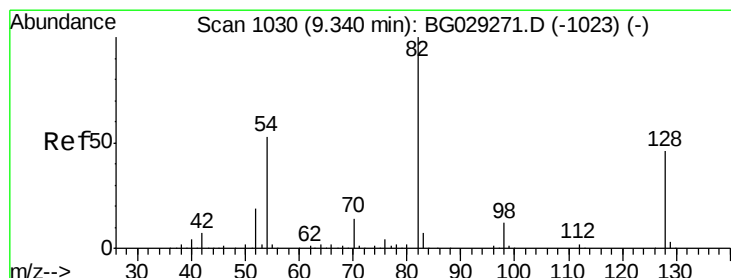
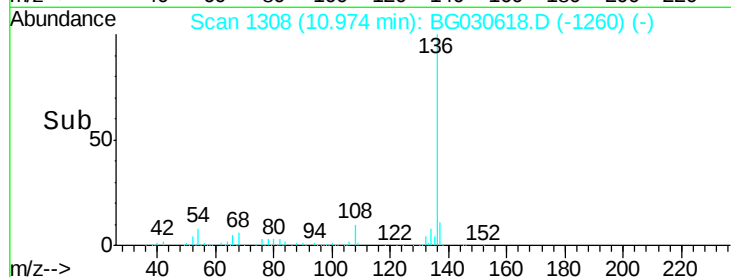
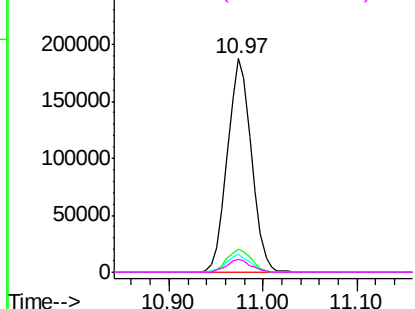
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

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Tgt Ion:	136	Resp:	333335
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.4	10.3	15.5#
68	6.3	4.5	6.7

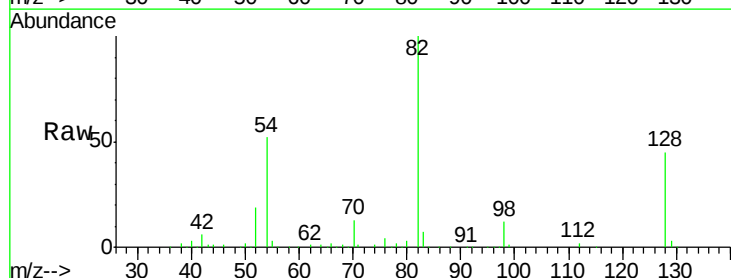


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

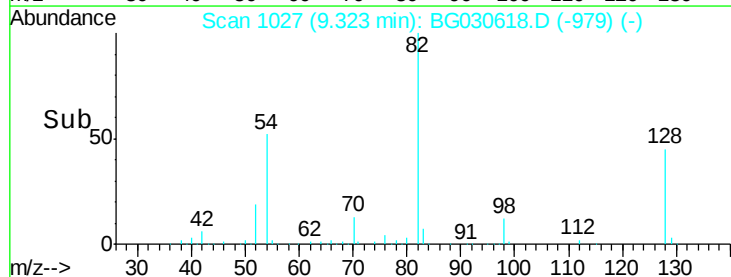
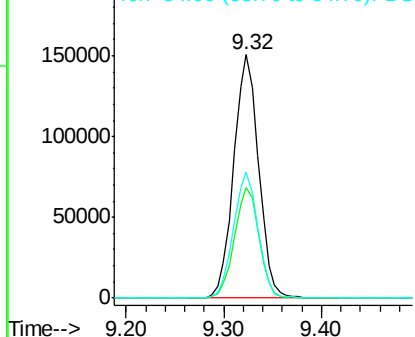


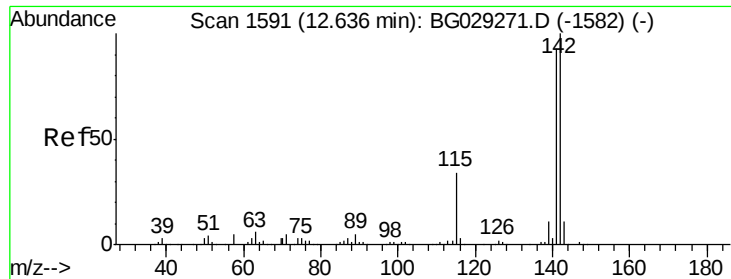
#23
Nitrobenzene-d5
Concen: 50.92 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030618.D
Acq: 31 Oct 2017 18:51

Tgt Ion:	82	Resp:	267112
Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	51.6	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

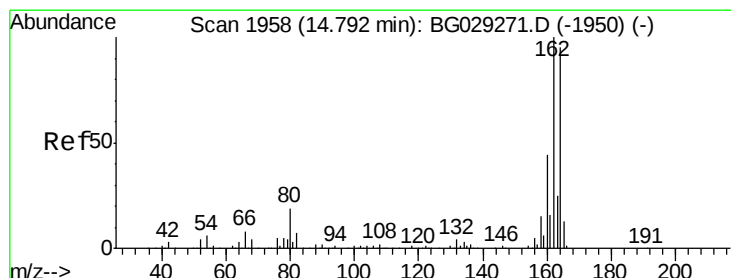
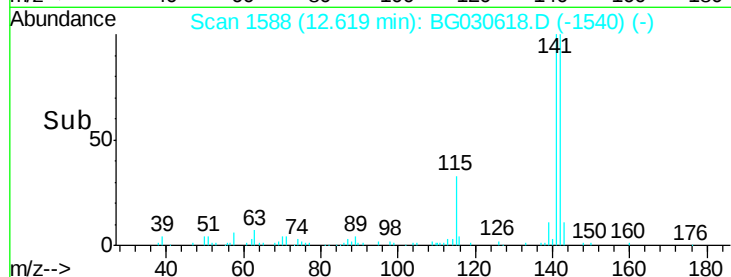
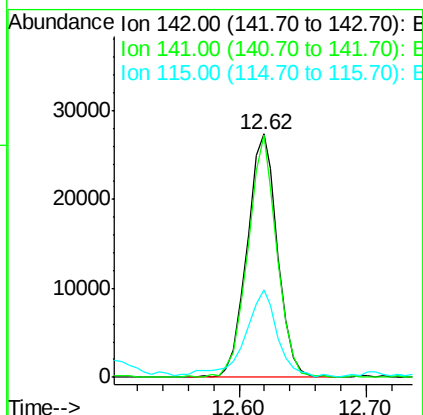
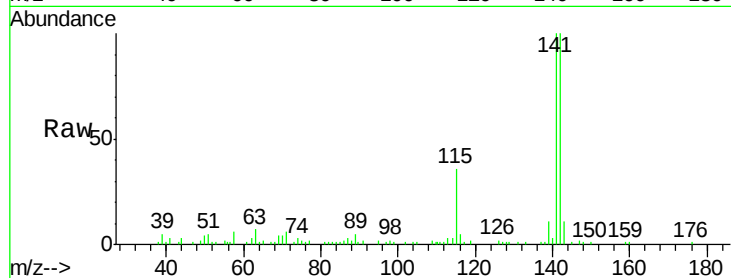




#37
 2-Methylnaphthalene
 Concen: 3.74 ng
 RT: 12.62 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

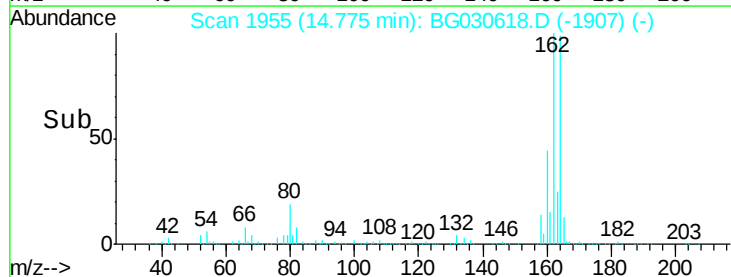
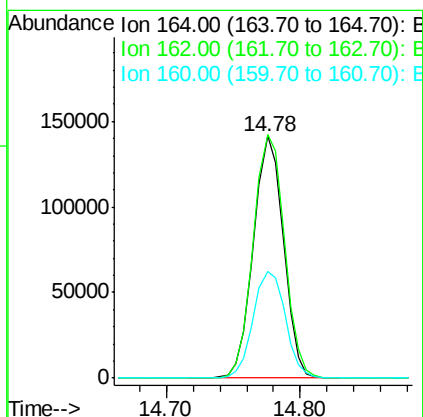
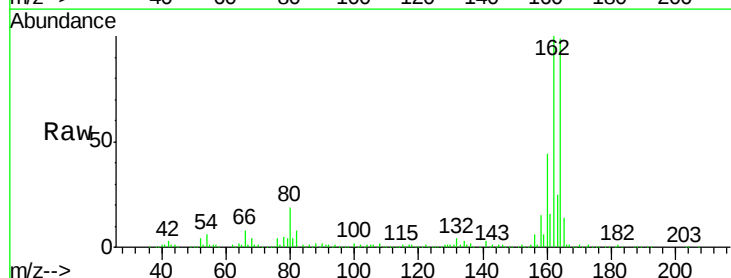
Instrument :
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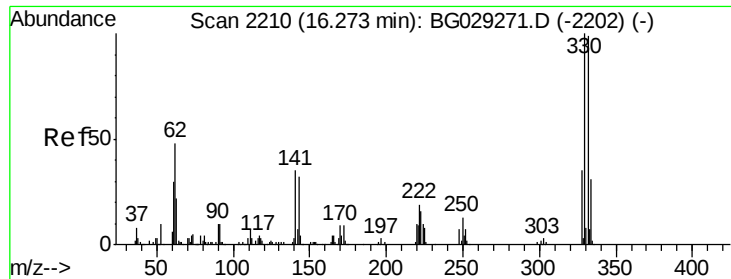
Tgt Ion:142 Resp: 45283
 Ion Ratio Lower Upper
 142 100
 141 99.7 67.1 100.7
 115 35.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

Tgt Ion:164 Resp: 219261
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.8 118.2
 160 44.1 35.4 53.0

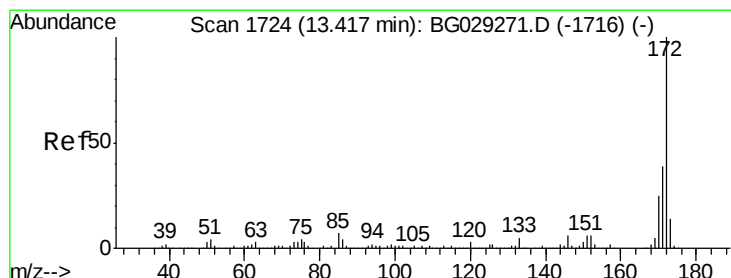
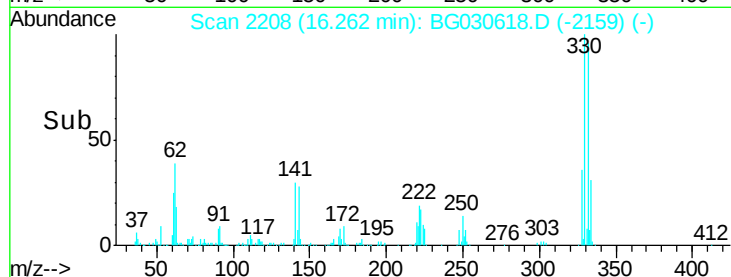
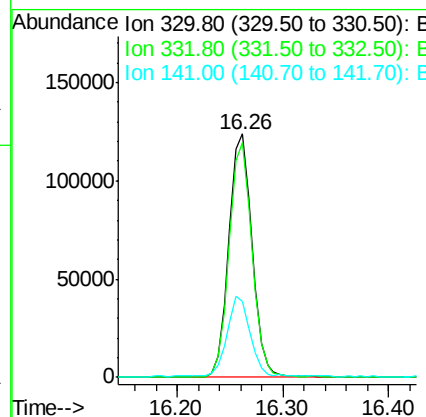
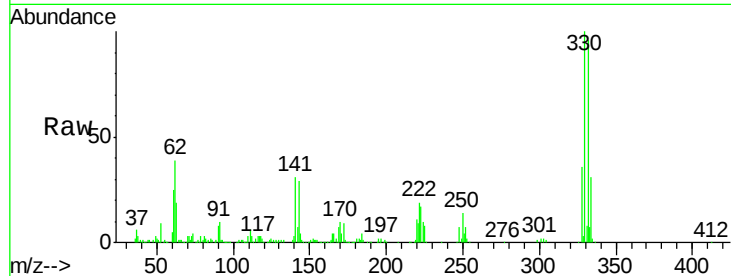




#41
 2,4,6-Tribromophenol
 Concen: 66.86 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

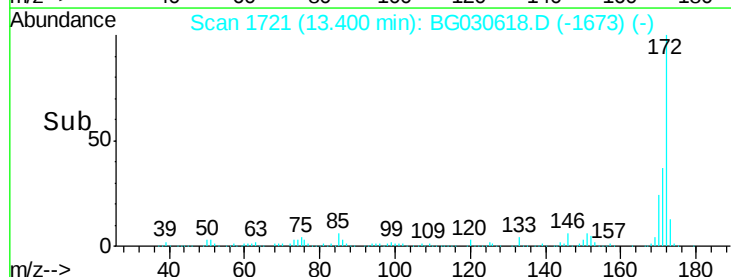
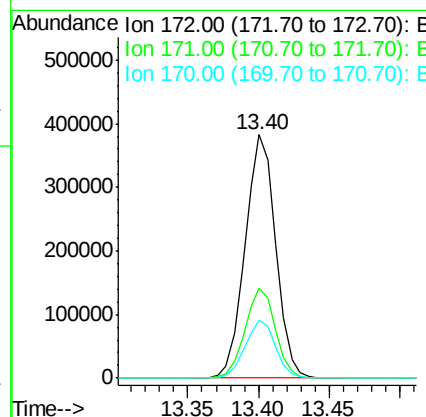
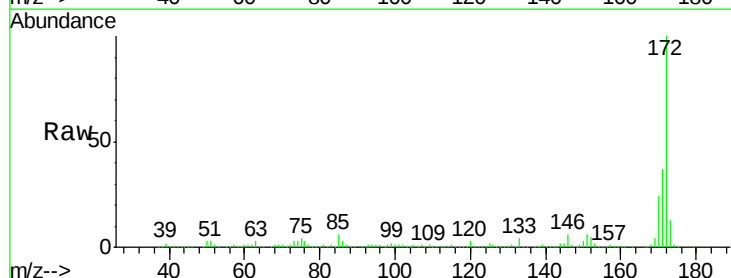
Instrument :
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 ClientSampleId :
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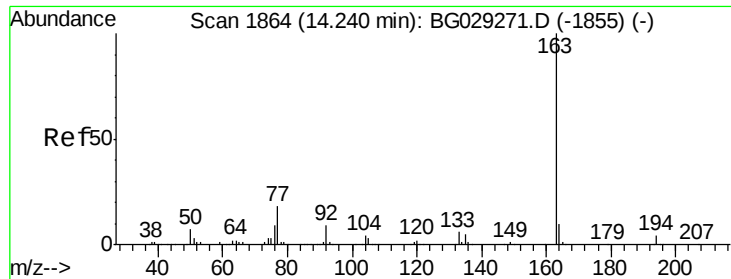
Tgt Ion:330 Resp: 189267
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.1 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 38.67 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

Tgt Ion:172 Resp: 578178
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.8 19.5 29.3





#49

Dimethylphthalate

Concen: 8.46 ng

RT: 14.22 min Scan# 1860

Delta R.T. -0.02 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_G

ClientSampleId :

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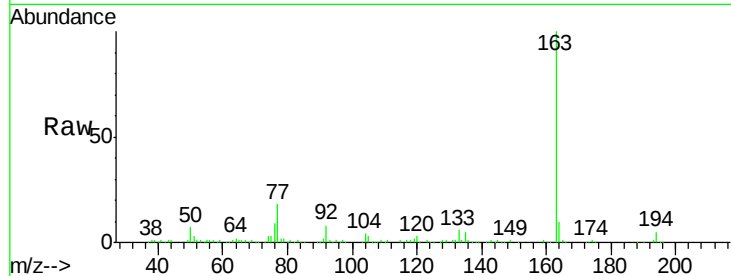
Tgt Ion:163 Resp: 144733

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

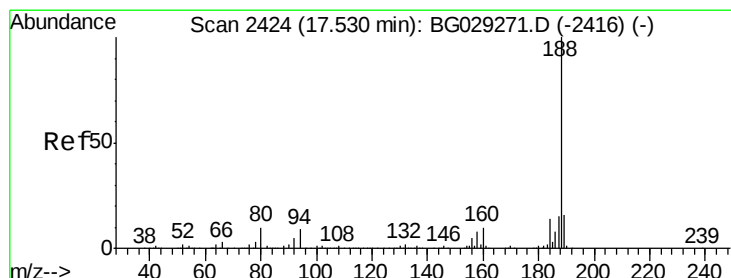
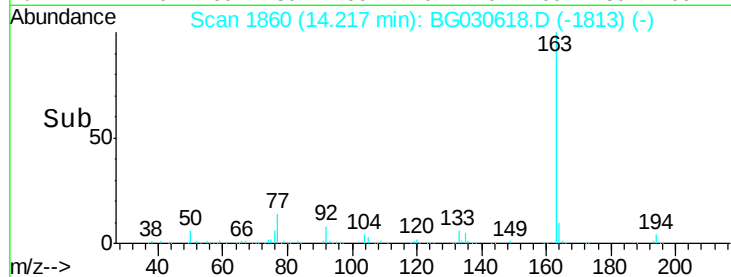
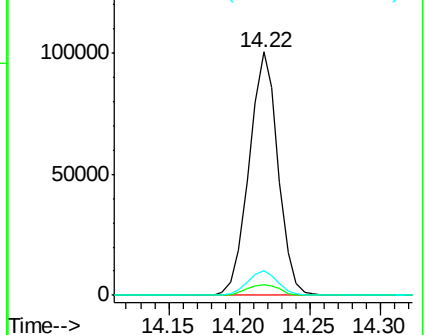
164 9.9 8.2 12.4



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: 20.00 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

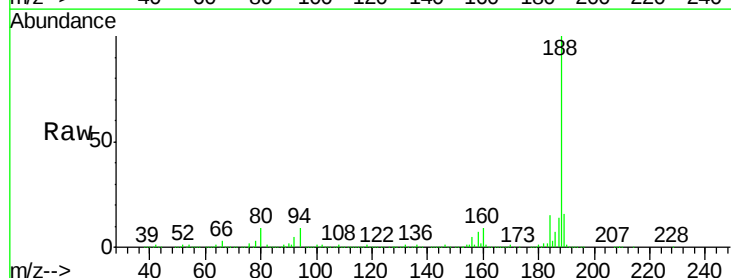
Tgt Ion:188 Resp: 484920

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

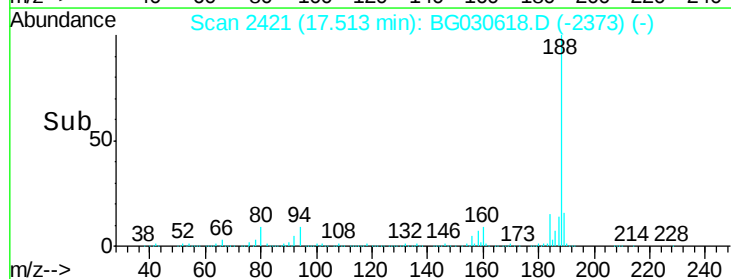
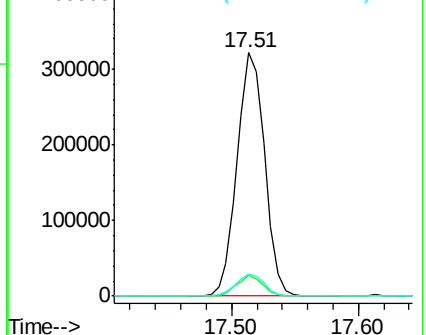
80 9.3 7.7 11.5

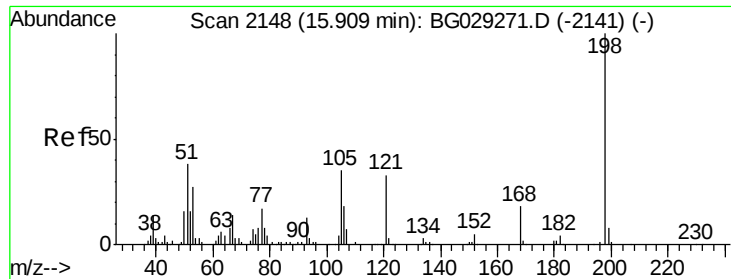


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

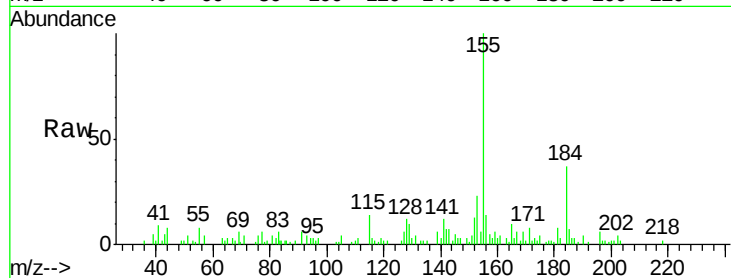




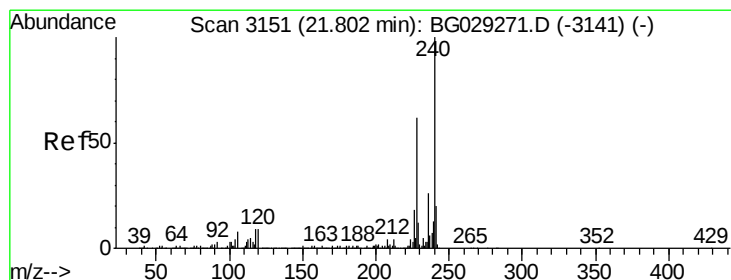
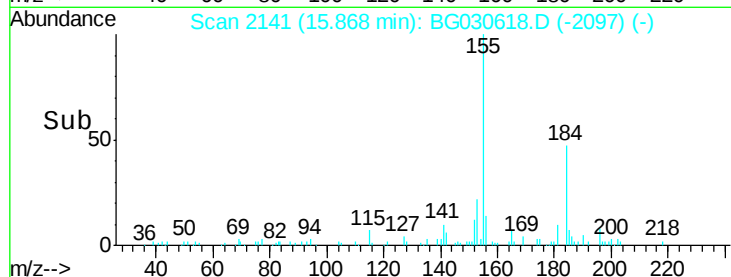
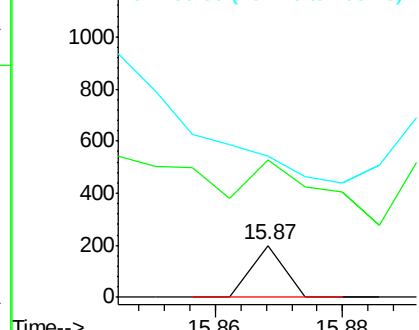
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.02 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.04 min
 Lab File: BG030618.D
 Acq: 31 Oct 2017 18:51

Instrument :
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 ClientSampleId :
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Tgt Ion:198 Resp: 70
 Ion Ratio Lower Upper
 198 100
 51 265.8 30.6 70.6#
 105 273.4 23.8 63.8#

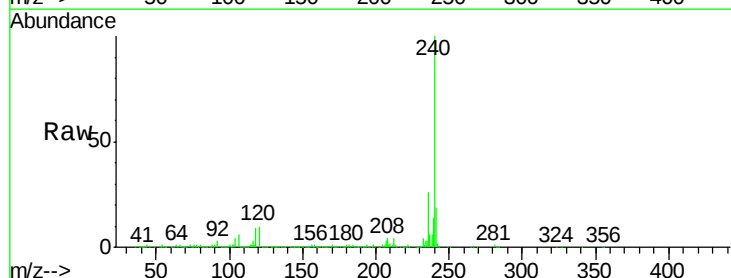


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

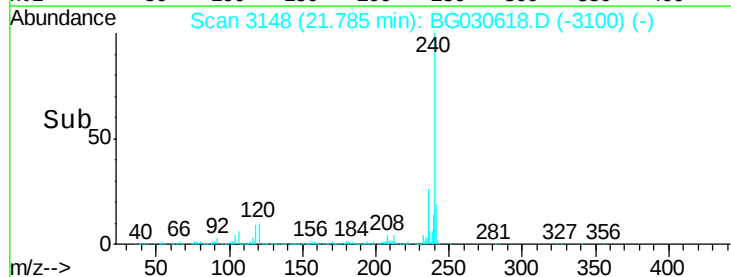
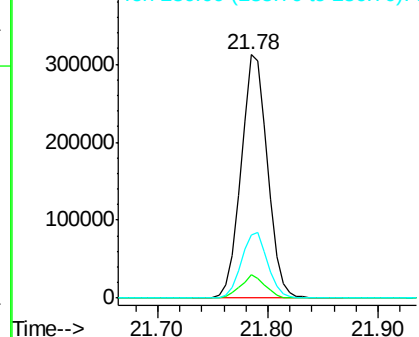


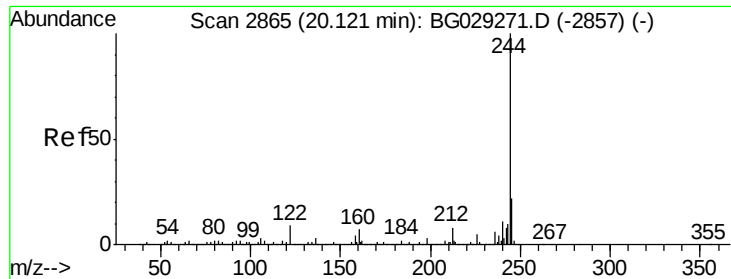
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.02 min
 Lab File: BG030618.D
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Tgt Ion:240 Resp: 525539
 Ion Ratio Lower Upper
 240 100
 120 9.8 6.8 10.2
 236 25.8 20.9 31.3



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: 40.63 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_G

ClientSampleId :

SB-03

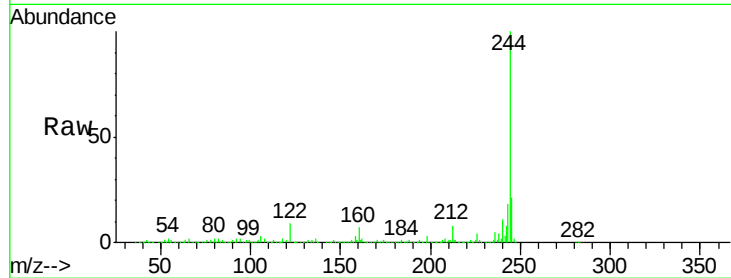
Tgt Ion:244 Resp: 938693

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

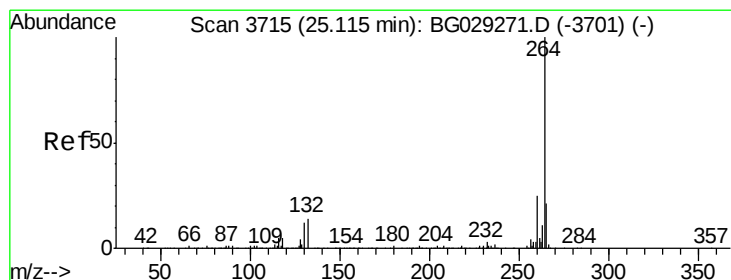
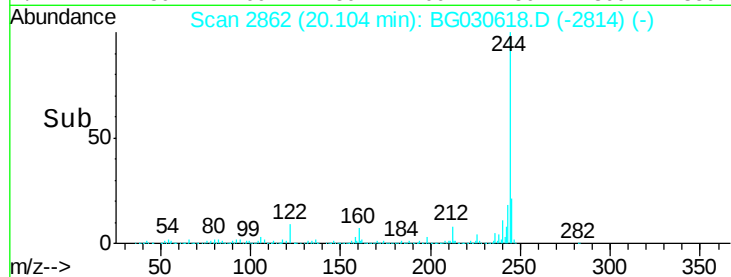
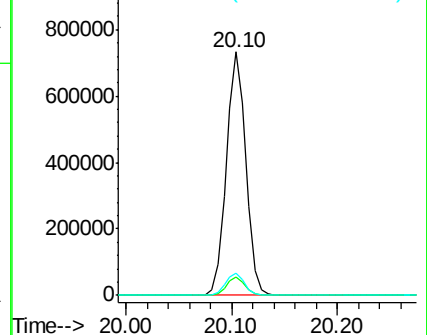
122 9.0 7.0 10.4



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: 20.00 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030618.D

Acq: 31 Oct 2017 18:51

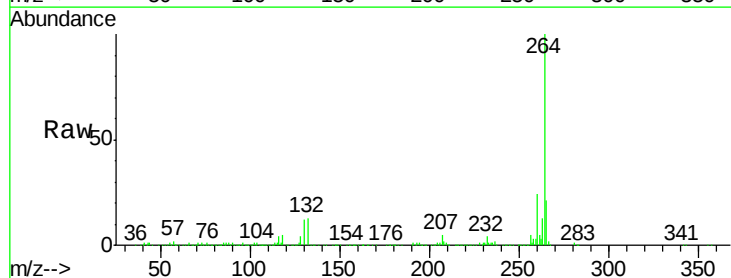
Tgt Ion:264 Resp: 533370

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.6 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

