

Data File : BG030617.D
Acq On : 31 Oct 2017 18:05
Operator : SJ/JU
Sample : I6133-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-04(18-20)

Quant Time: Nov 01 06:28:46 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	81840	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	400254	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	269339	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	595655	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	629882	20.00	ng	-0.01
86) Perylene-d12	25.10	264	636165	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	541866	110.61	ng	0.00
7) Phenol-d6	7.32	99	768773	111.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	459381	72.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	384354	110.53	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1160164	63.18	ng	-0.02
78) Terphenyl-d14	20.10	244	1635798	59.08	ng	-0.02
Target Compounds						
10) Phenol	7.35	94	36399	4.91	ng	89
49) Dimethylphthalate	14.22	163	226392	10.77	ng	99
62) Azobenzene	16.12	77	57873	3.28	ng	# 1

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

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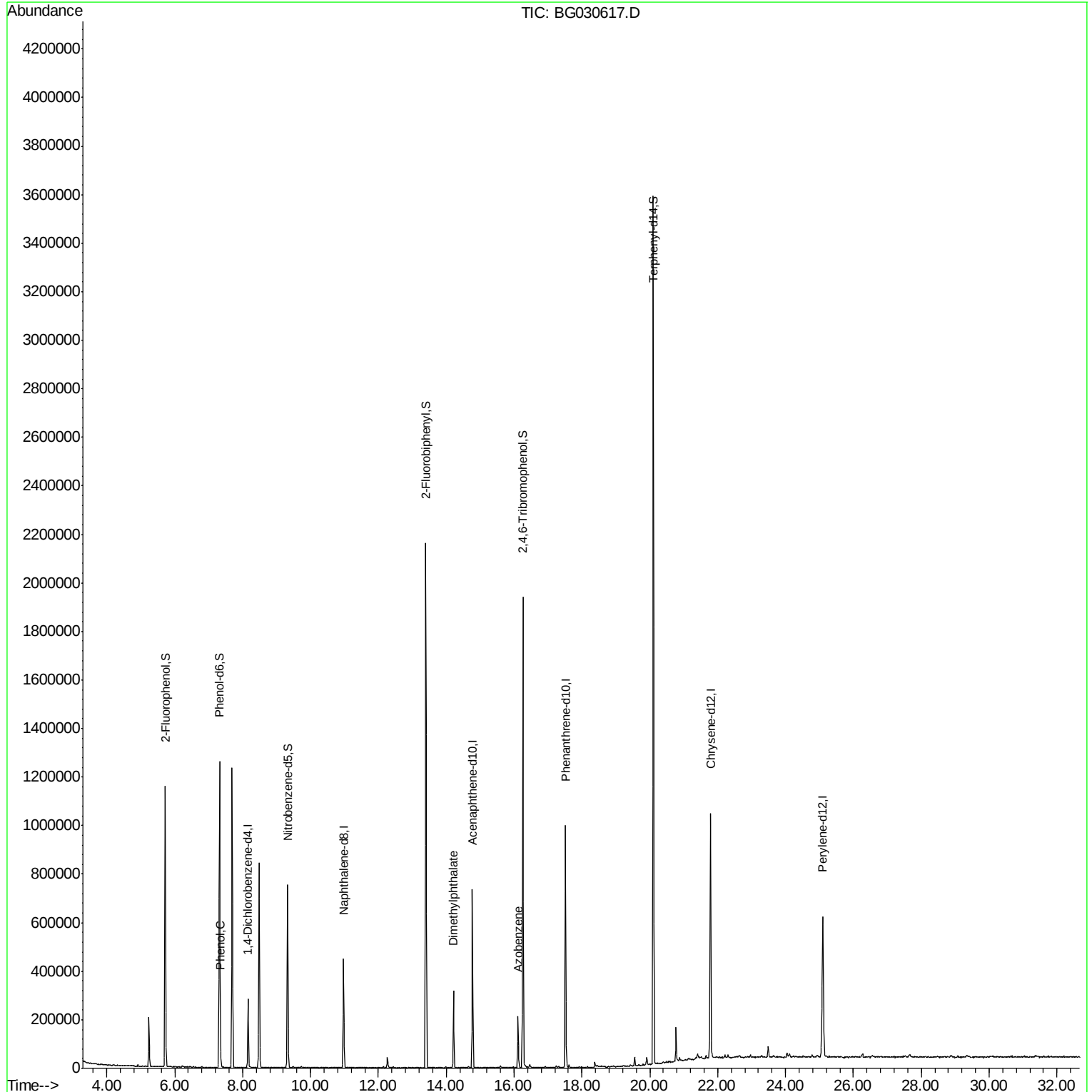
Quant Time: Nov 01 06:28:46 2017

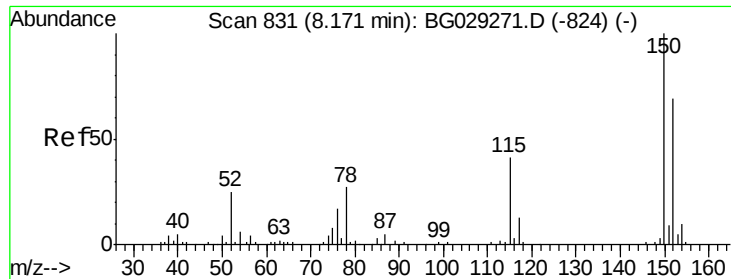
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 16 17:32:15 2017

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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

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BNA_G

ClientSampleId :

SW-04(18-20)

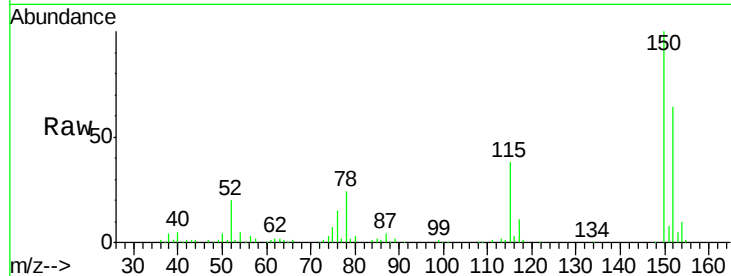
Tgt Ion:152 Resp: 81840

Ion Ratio Lower Upper

152 100

150 156.5 126.6 189.8

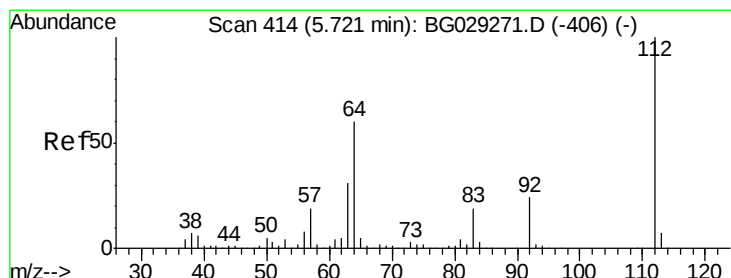
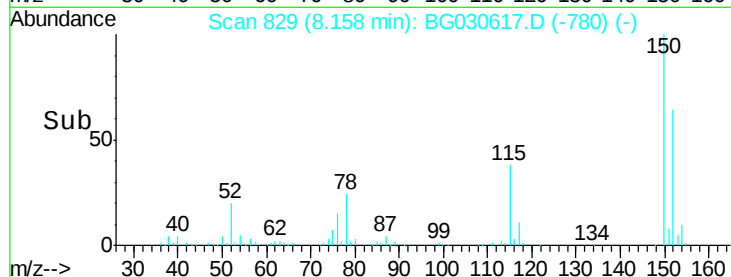
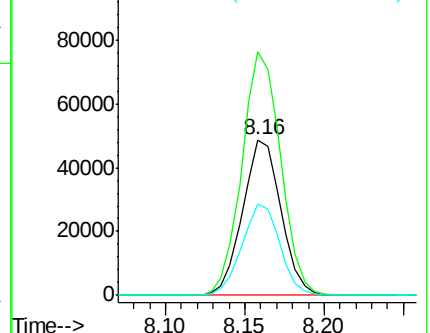
115 58.9 53.0 79.4



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: 110.61 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

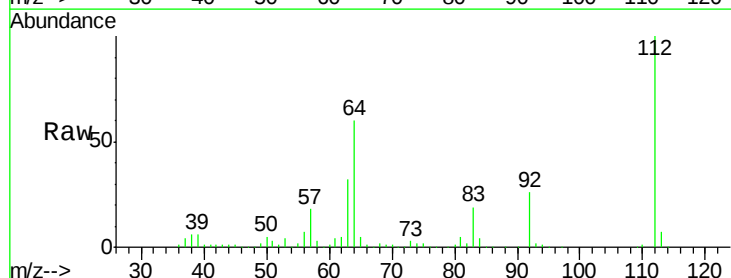
Tgt Ion:112 Resp: 541866

Ion Ratio Lower Upper

112 100

64 59.8 56.3 84.5

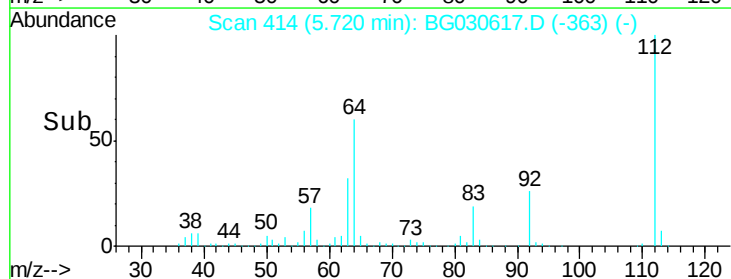
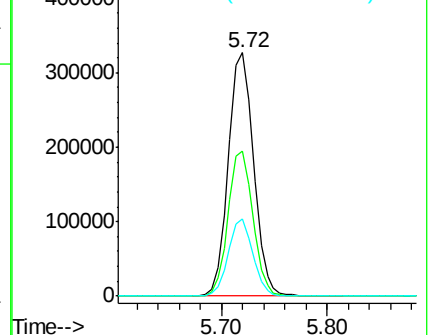
63 31.8 30.1 45.1

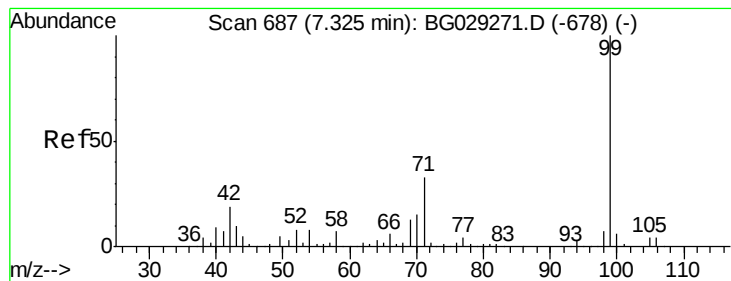


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.80 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

Instrument :

BNA_G

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SW-04(18-20)

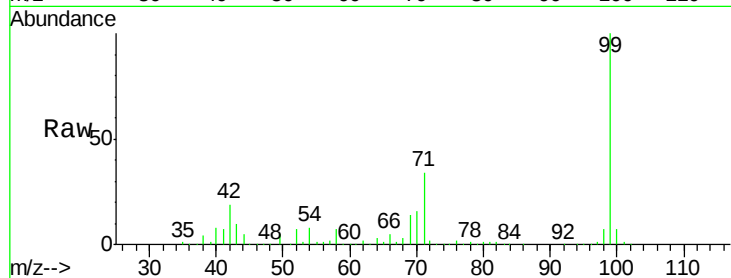
Tgt Ion: 99 Resp: 768773

Ion Ratio Lower Upper

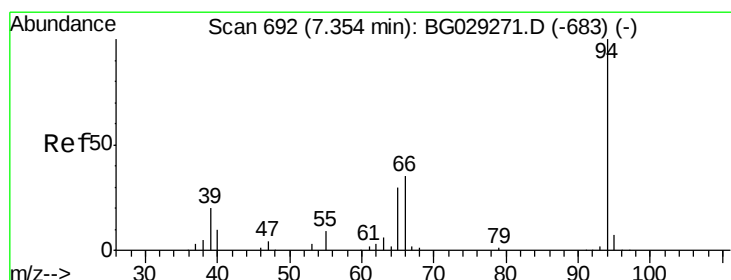
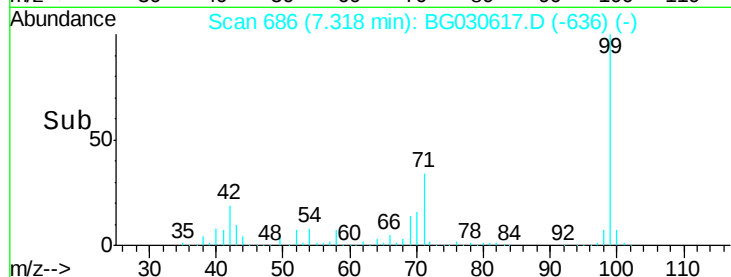
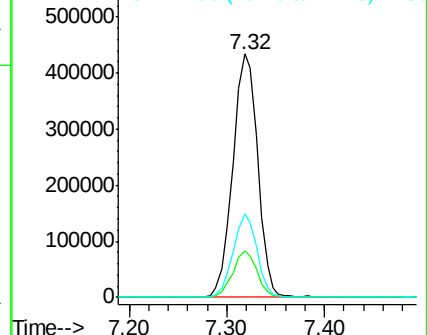
99 100

42 19.0 14.1 21.1

71 34.4 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: 4.91 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

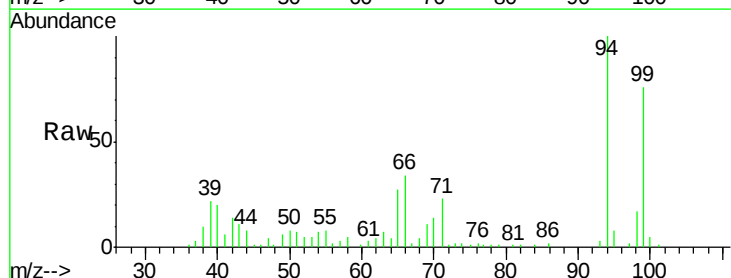
Tgt Ion: 94 Resp: 36399

Ion Ratio Lower Upper

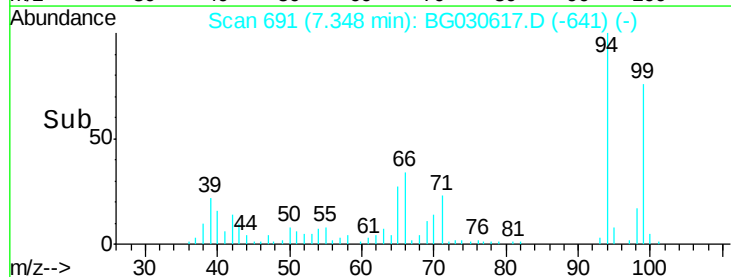
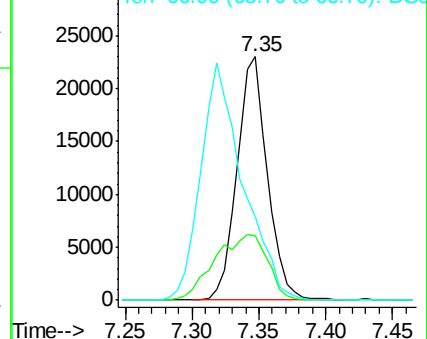
94 100

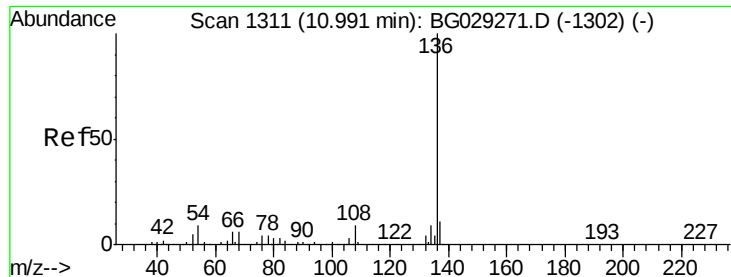
65 26.6 11.9 51.9

66 34.4 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

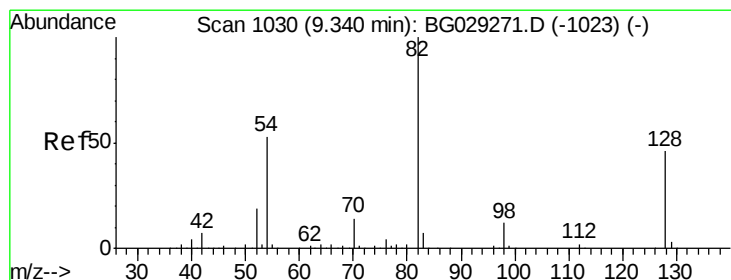
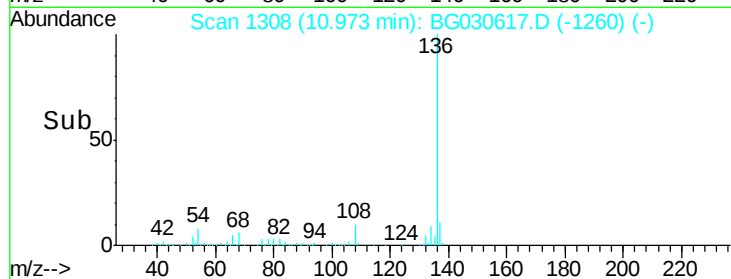
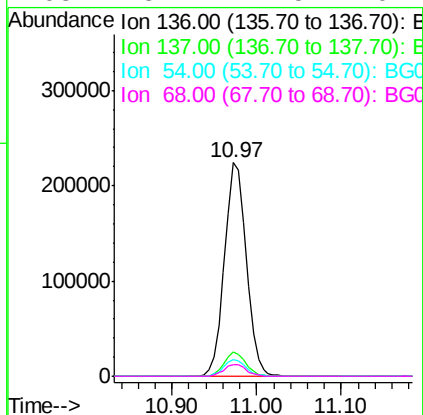
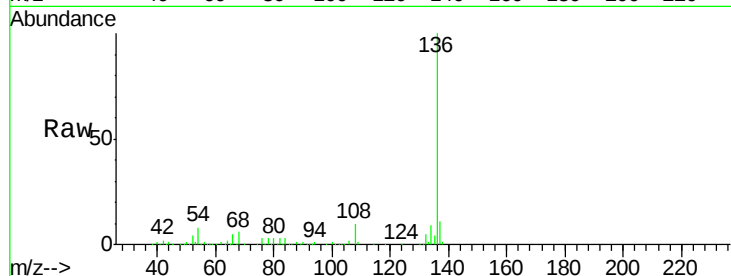




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

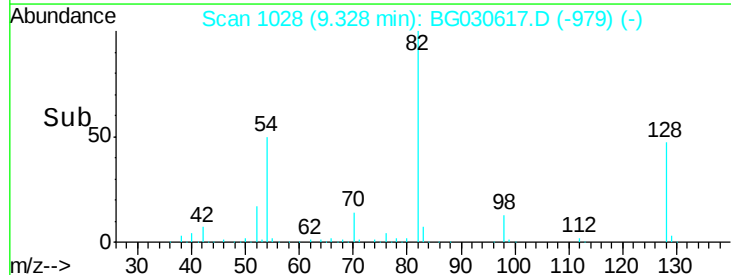
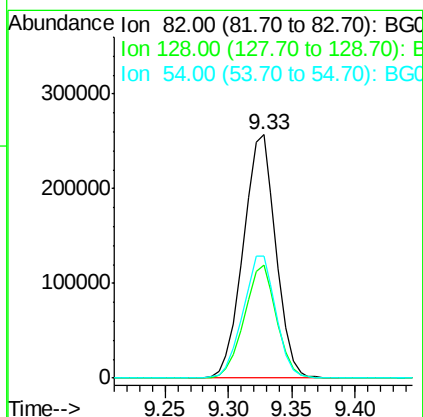
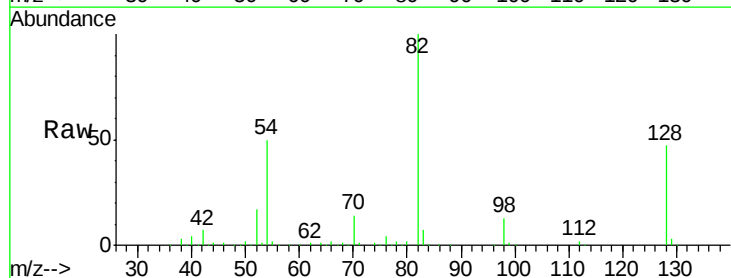
Instrument :
BNA_G
ClientSampleId :
SW-04(18-20)

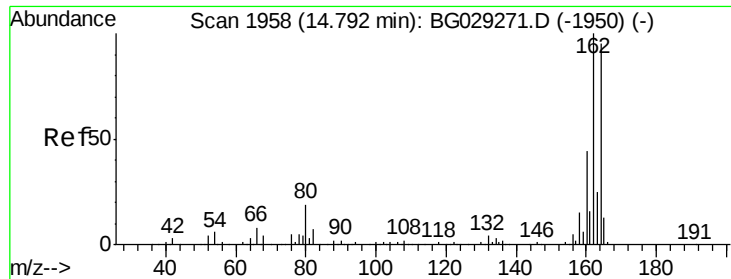
Tgt Ion:	136	Resp:	400254
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.0	10.3	15.5#
68	5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 72.93 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

Tgt Ion:	82	Resp:	459381
Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	50.2	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

Instrument :

BNA_G

ClientSampleId :

SW-04(18-20)

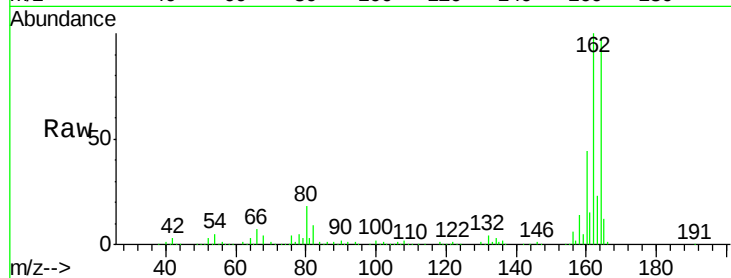
Tgt Ion:164 Resp: 269339

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

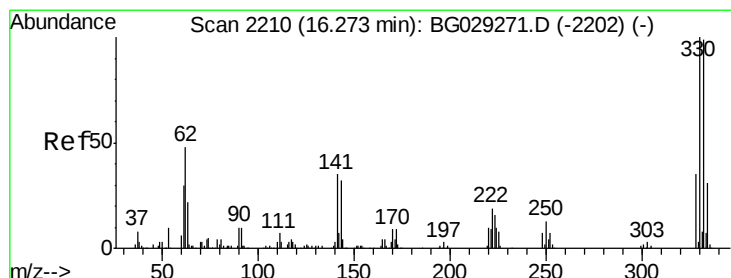
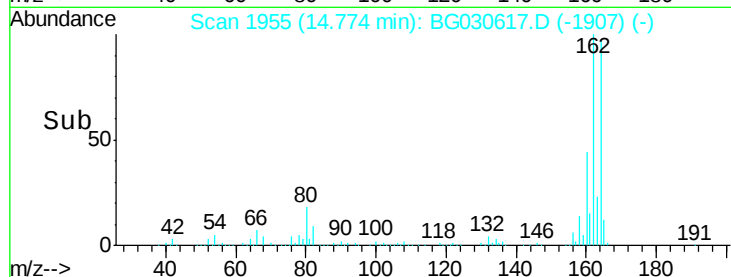
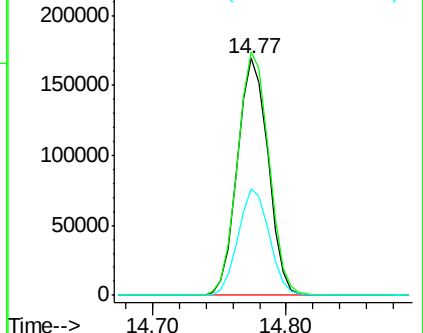
160 44.9 35.4 53.0



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: 110.53 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

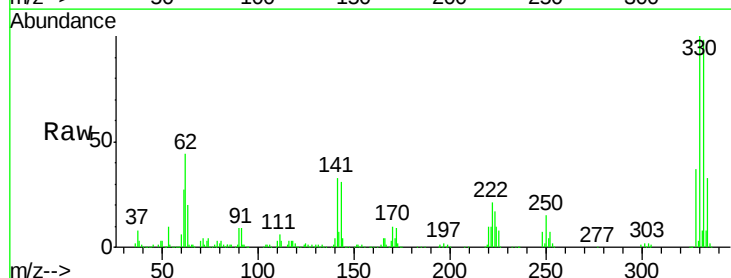
Tgt Ion:330 Resp: 384354

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

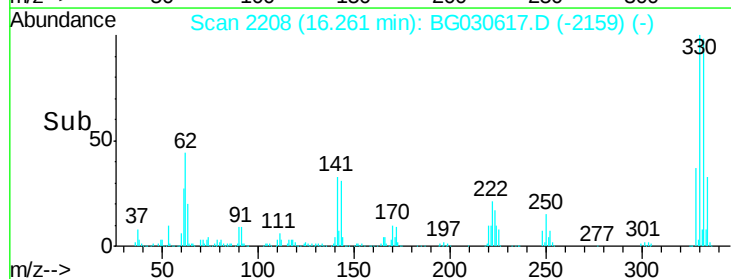
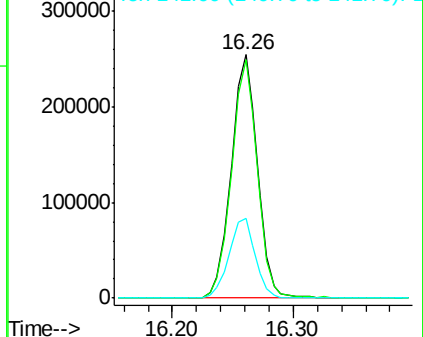
141 33.1 25.2 37.8

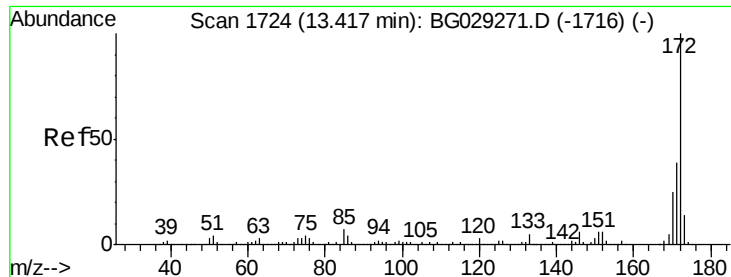


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

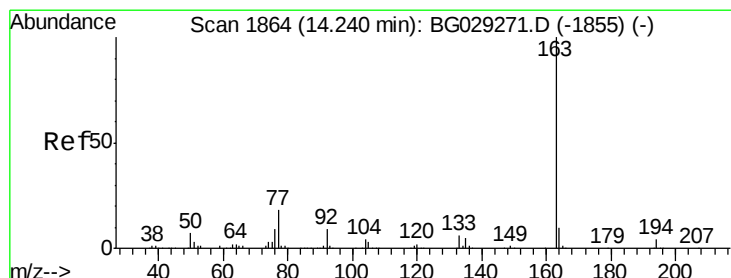
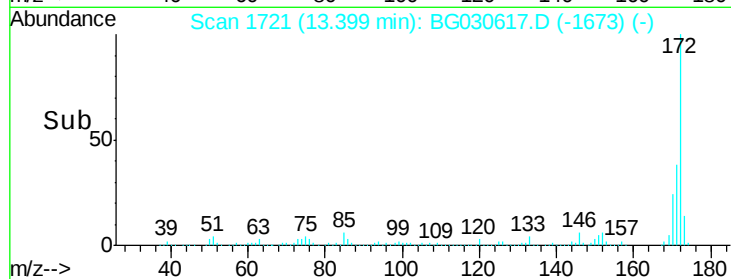
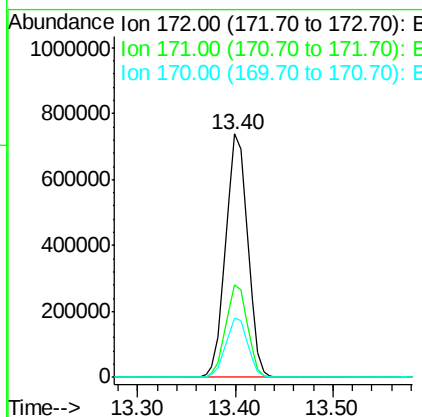
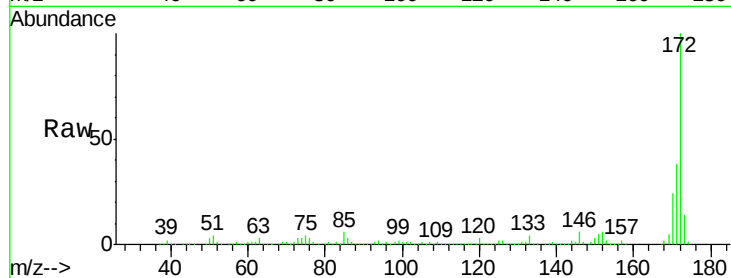




#44
2-Fluorobiphenyl
Concen: 63.18 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

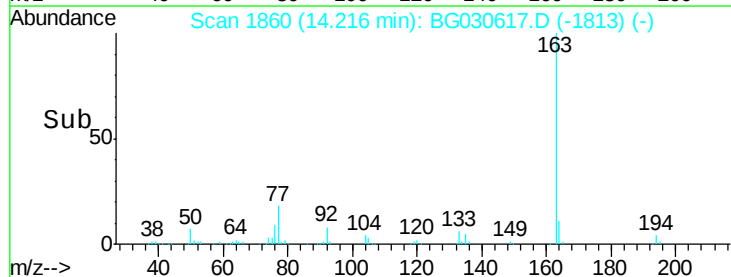
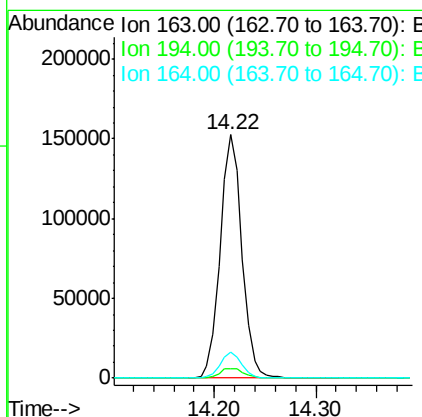
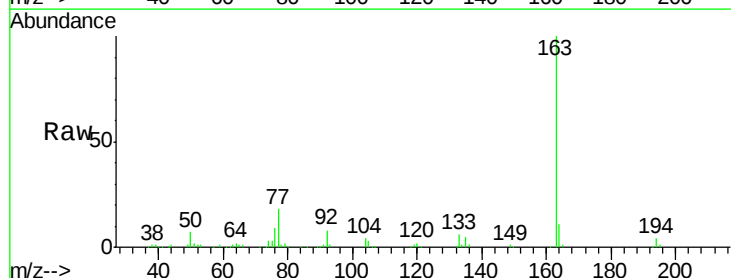
Instrument :
BNA_G
ClientSampleId :
SW-04(18-20)

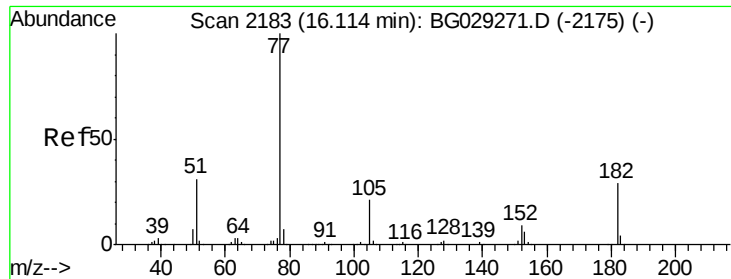
Tgt Ion:172 Resp: 1160164
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 10.77 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

Tgt Ion:163 Resp: 226392
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.7 8.2 12.4





#62

Azobenzene

Concen: 3.28 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

Instrument :

BNA_G

ClientSampleId :

SW-04(18-20)

Tgt Ion: 77 Resp: 57873

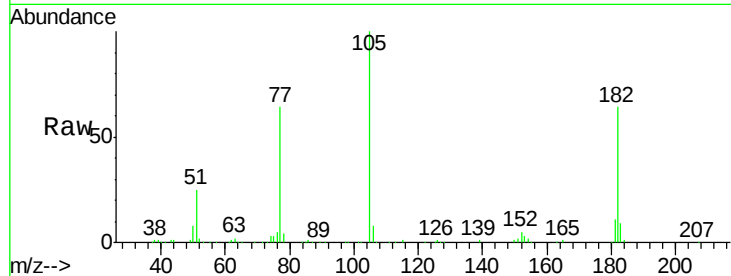
Ion Ratio Lower Upper

77 100

182 100.9 7.4 47.4#

105 156.7 0.3 40.3#

51 39.4 11.6 51.6

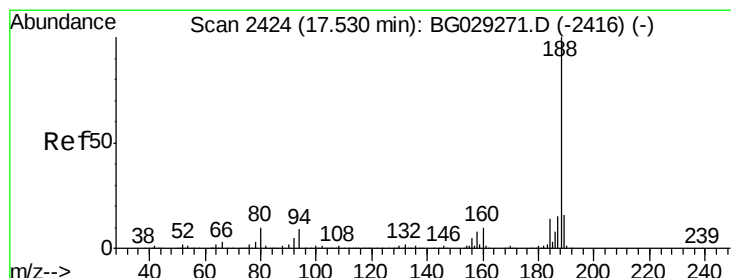
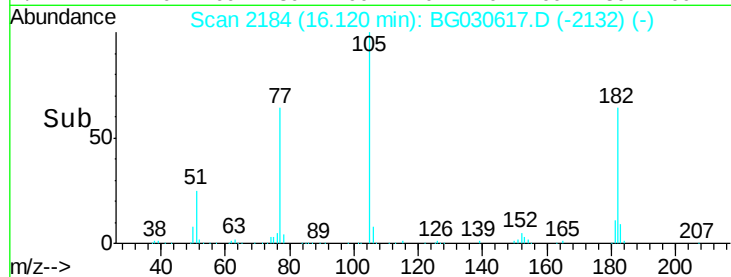
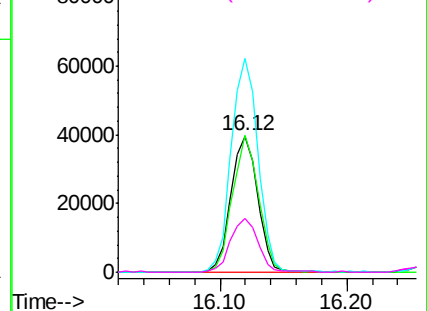


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030617.D

Acq: 31 Oct 2017 18:05

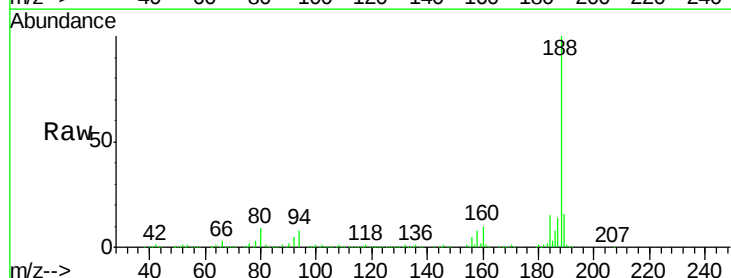
Tgt Ion: 188 Resp: 595655

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

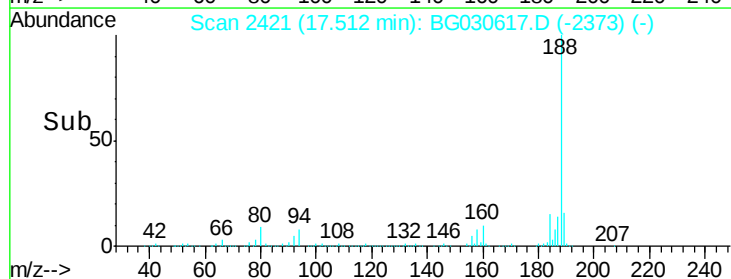
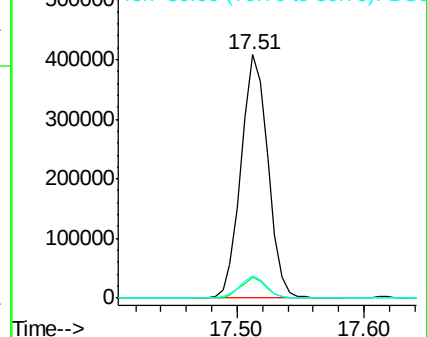
80 9.1 7.7 11.5

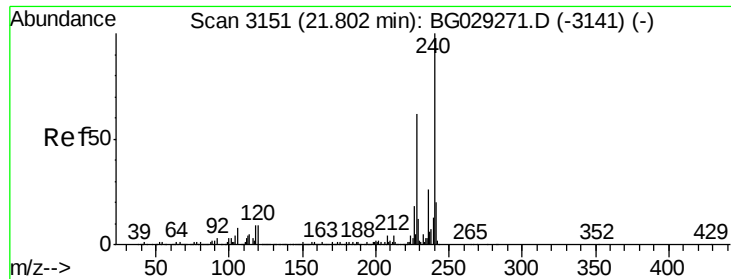


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

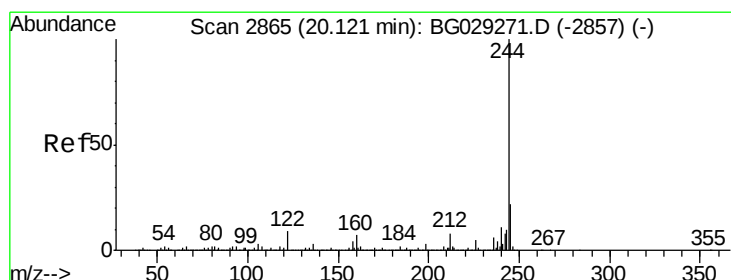
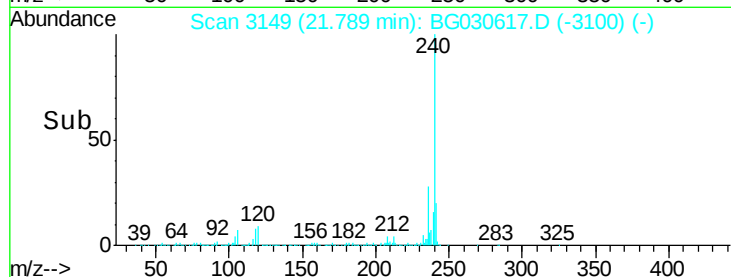
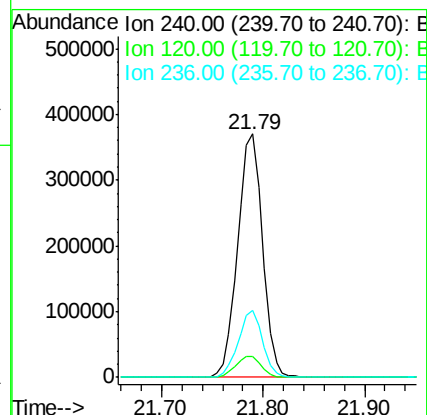
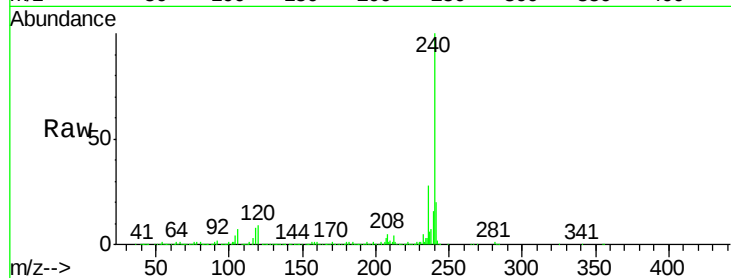




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

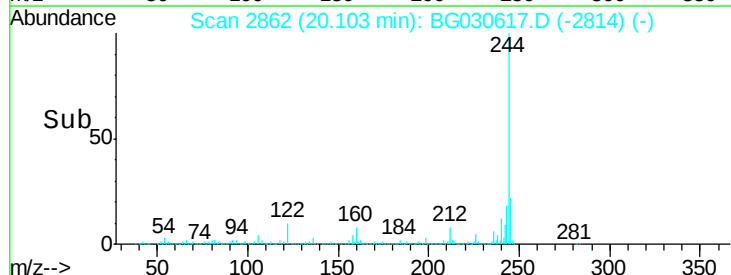
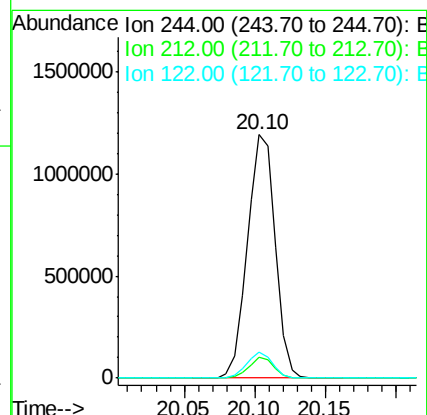
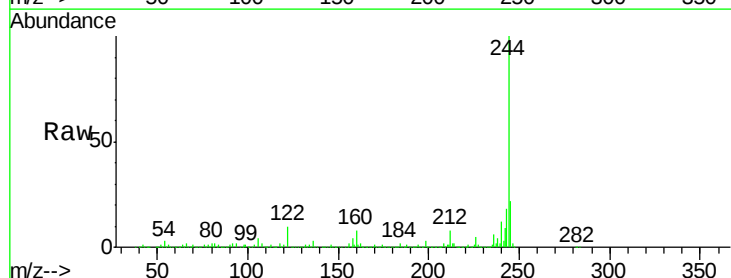
Instrument :
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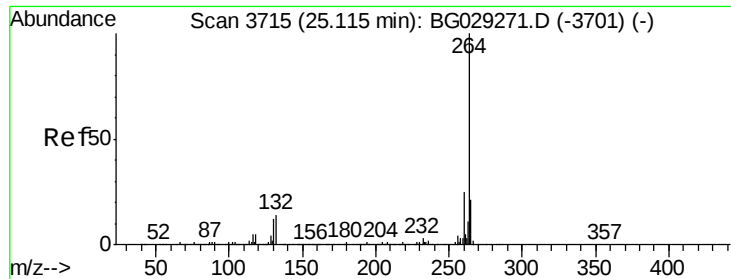
Tgt Ion:240 Resp: 629882
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 27.5 20.9 31.3



#78
Terphenyl-d14
Concen: 59.08 ng
RT: 20.10 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

Tgt Ion:244 Resp: 1635798
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 10.5 7.0 10.4#

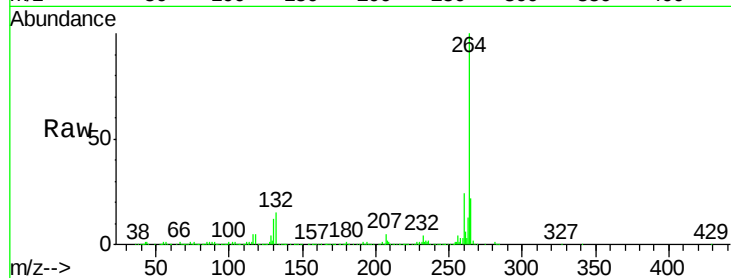




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030617.D
Acq: 31 Oct 2017 18:05

Instrument :
BNA_G
ClientSampleId :
SW-04(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.6	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

