

Data File : BG030990.D
Acq On : 14 Nov 2017 2:14
Operator : SJ/JU
Sample : I6301-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-G

Quant Time: Nov 14 04:59:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43387	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	176101	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	114763	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	309410	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	431660	20.00	ng	0.00
86) Perylene-d12	25.08	264	430142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	329271	130.14	ng	0.00
7) Phenol-d6	7.31	99	365463	107.21	ng	0.00
23) Nitrobenzene-d5	9.31	82	289567	97.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	315449	169.92	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	831043	104.05	ng	-0.01
78) Terphenyl-d14	20.10	244	1765978	90.34	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.01	128	150998	17.44	ng	99
33) 4-Chloroaniline	11.01	127	20258	5.35	ng	# 37
37) 2-Methylnaphthalene	12.60	142	14000	2.09	ng	91
55) 4-Nitrophenol	15.17	139	4359	2.82	ng	# 2

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

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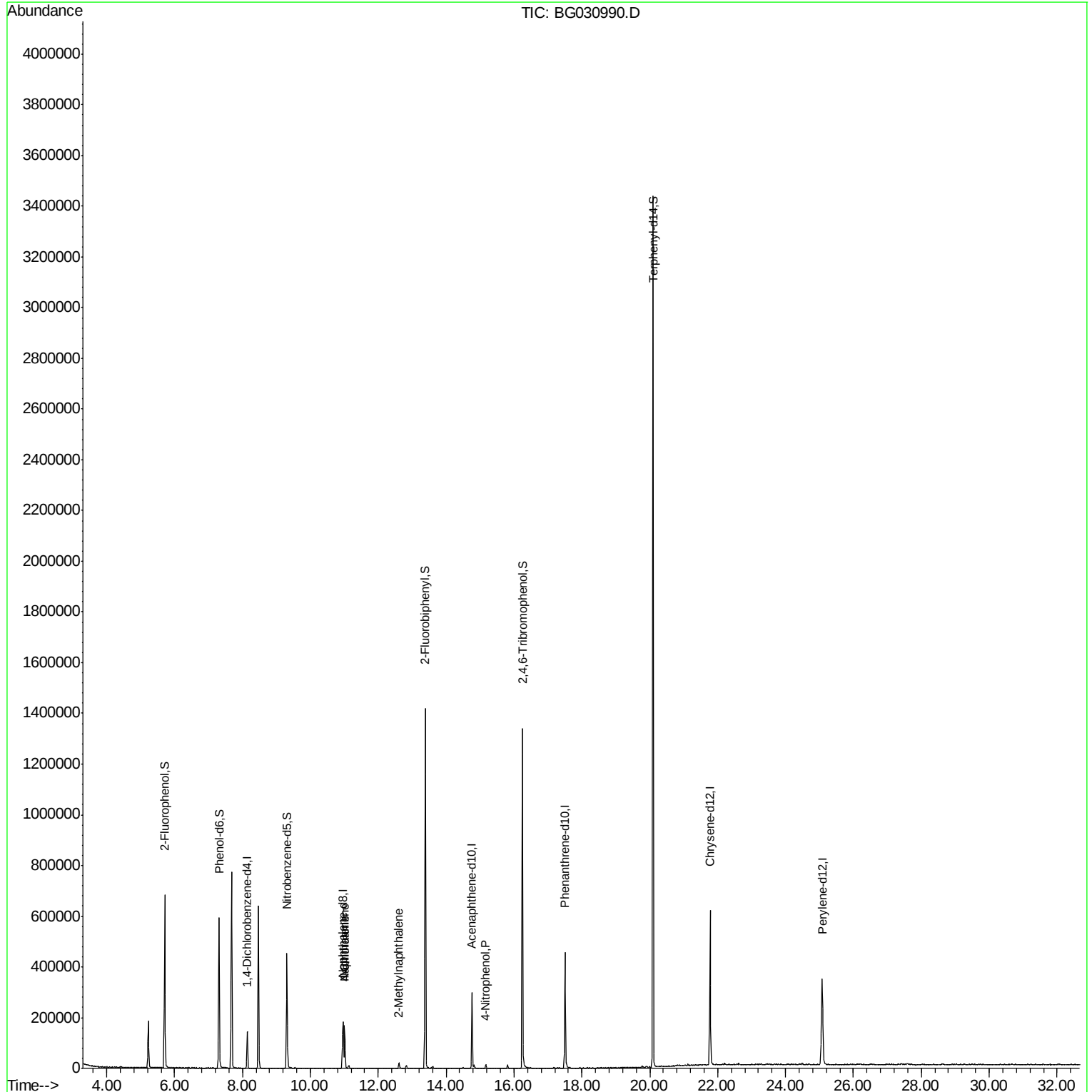
Quant Time: Nov 14 04:59:39 2017

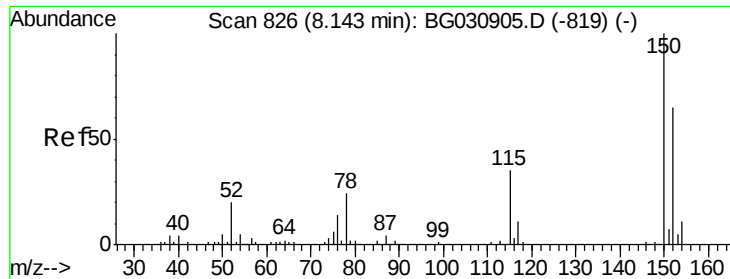
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

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JC-02-110917-G

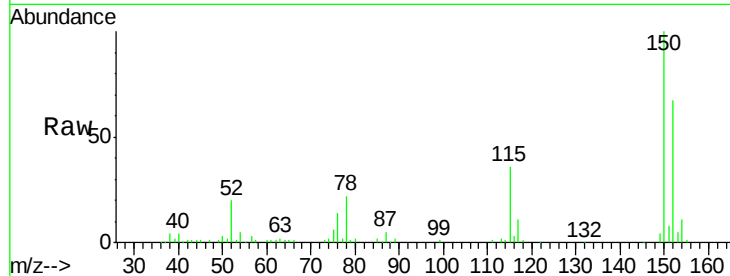
Tgt Ion:152 Resp: 43387

Ion Ratio Lower Upper

152 100

150 148.9 126.6 189.8

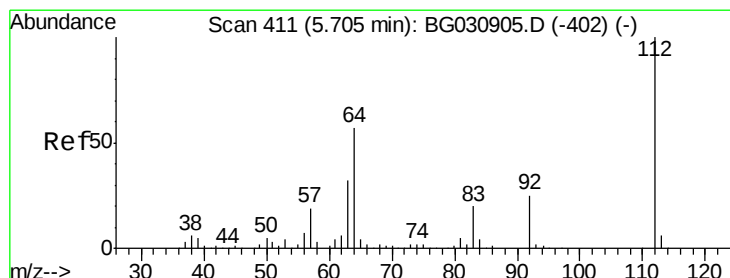
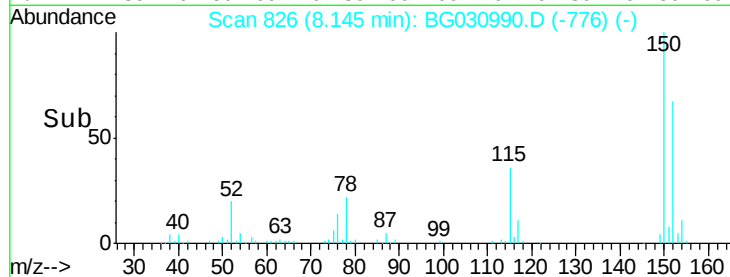
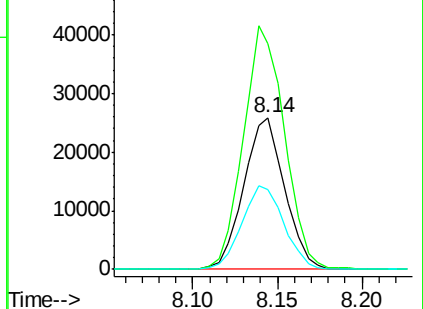
115 52.9 53.0 79.4#



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: 130.14 ng

RT: 5.71 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

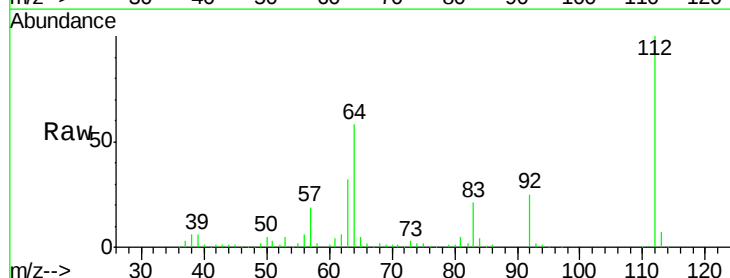
Tgt Ion:112 Resp: 329271

Ion Ratio Lower Upper

112 100

64 57.9 56.3 84.5

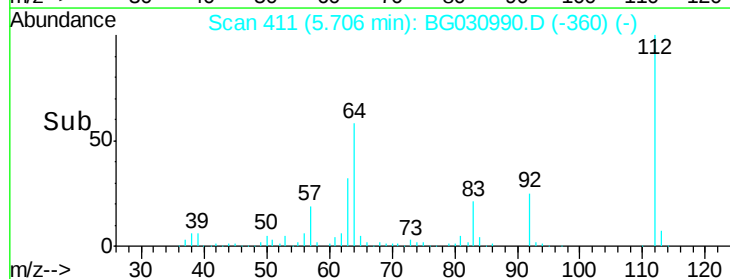
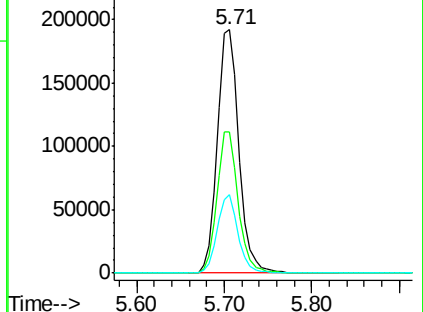
63 32.4 30.1 45.1

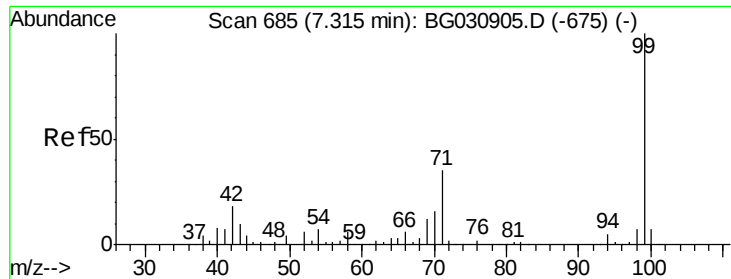


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.21 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

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JC-02-110917-G

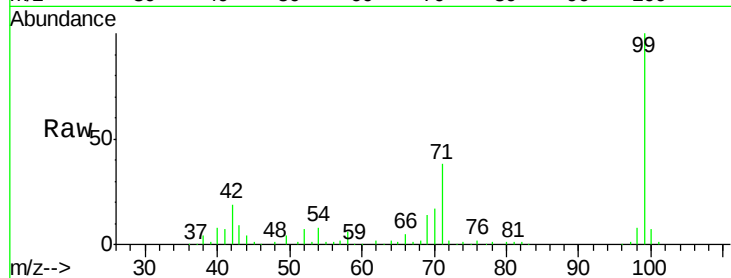
Tgt Ion: 99 Resp: 365463

Ion Ratio Lower Upper

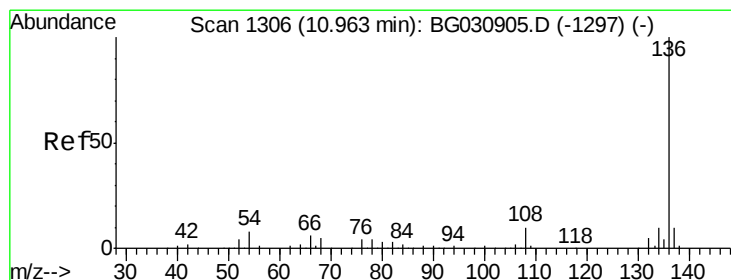
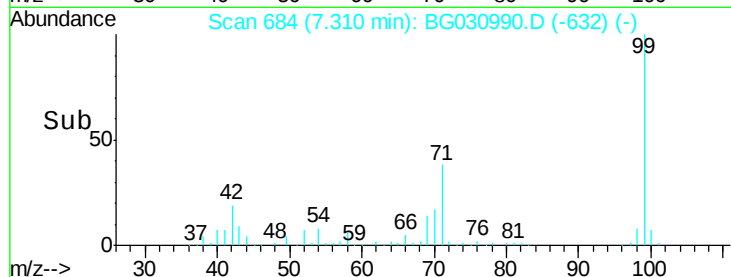
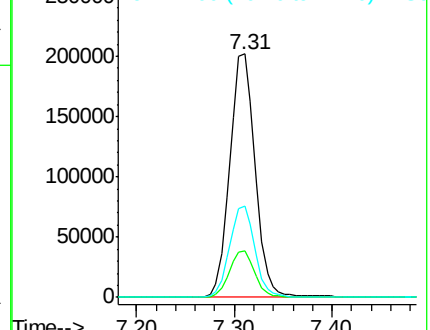
99 100

42 19.0 14.1 21.1

71 37.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Tgt Ion: 136 Resp: 176101

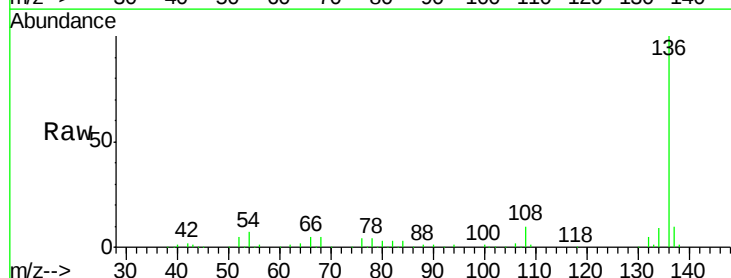
Ion Ratio Lower Upper

136 100

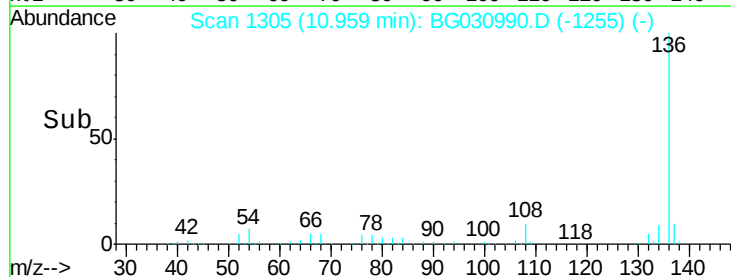
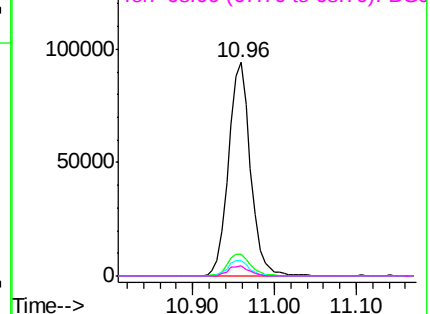
137 10.0 9.2 13.8

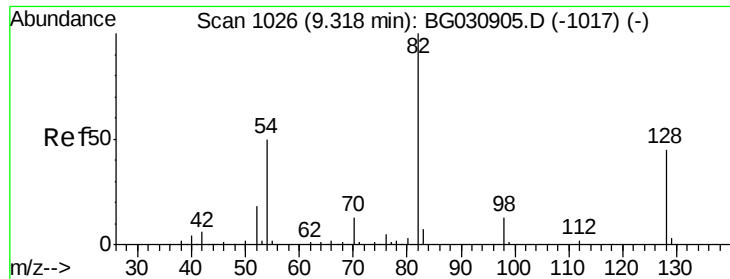
54 7.4 10.3 15.5#

68 5.0 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

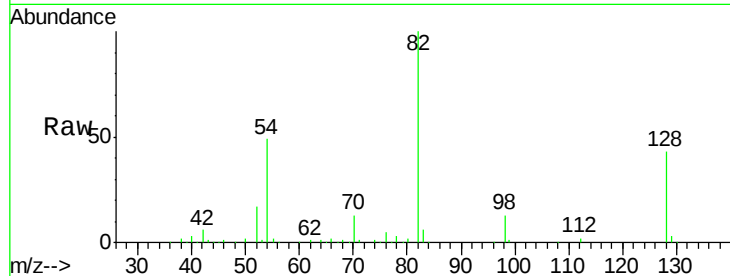




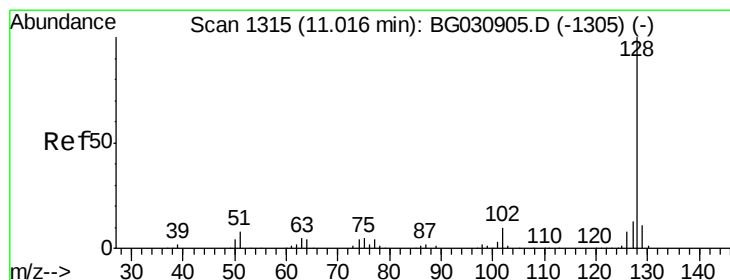
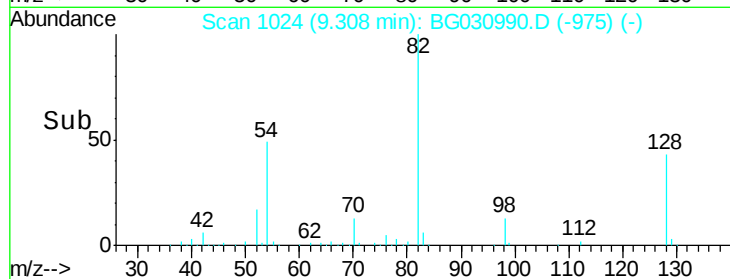
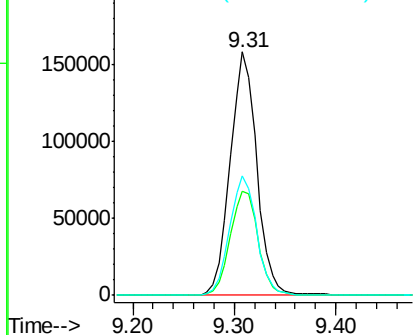
#23
Nitrobenzene-d5
Concen: 97.44 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030990.D
Acq: 14 Nov 2017 2:14

Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	49.0	43.1	64.7

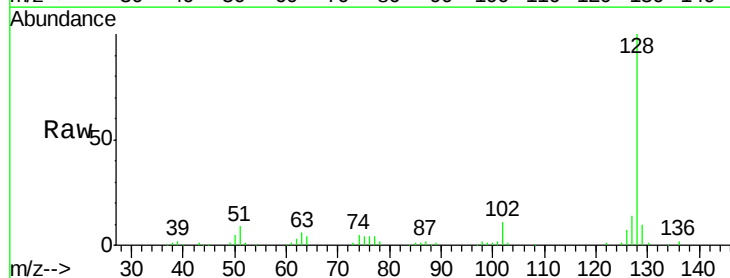


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

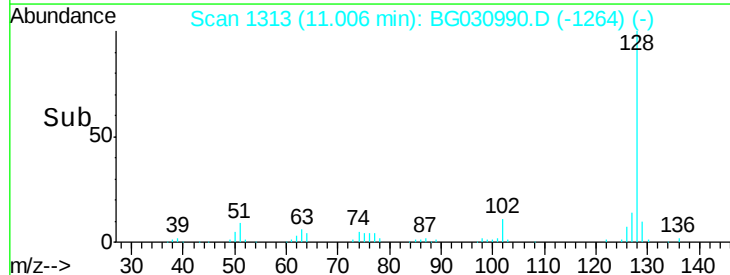
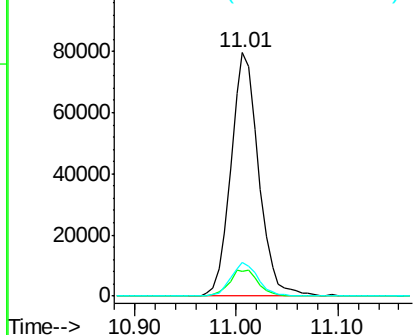


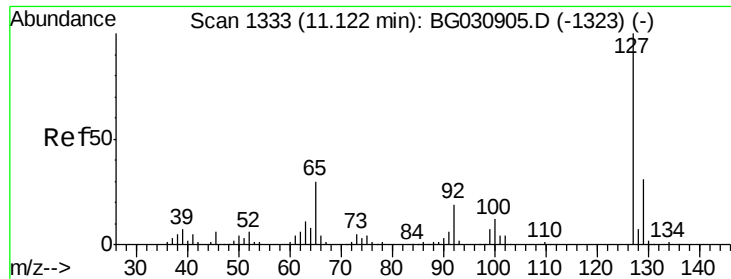
#31
Naphthalene
Concen: 17.44 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG030990.D
Acq: 14 Nov 2017 2:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	14.1	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

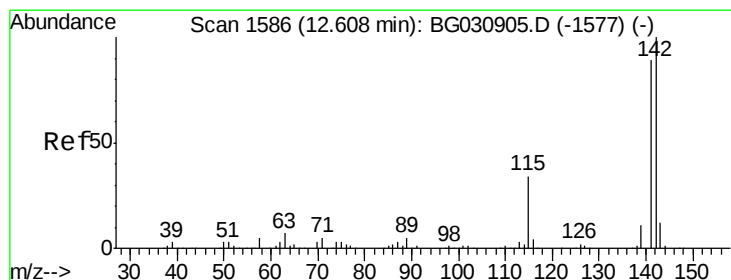
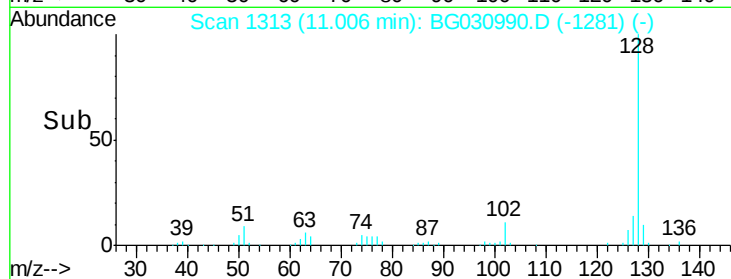
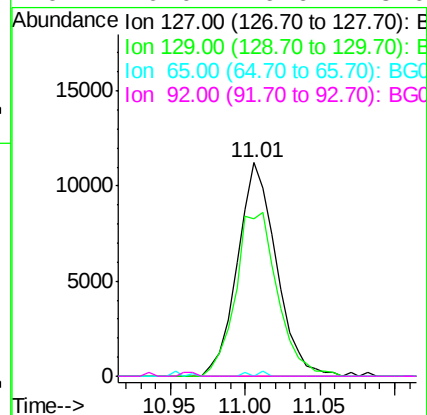
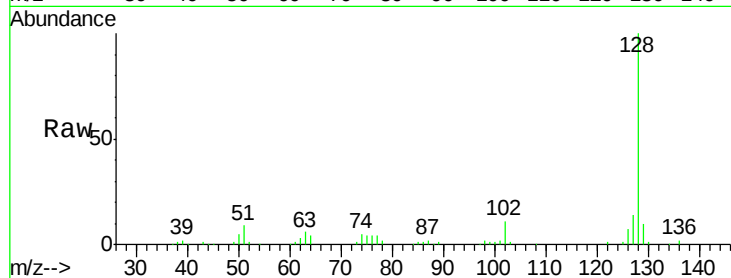




#33
4-Chloroaniline
Concen: 5.35 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.11 min
Lab File: BG030990.D
Acq: 14 Nov 2017 2:14

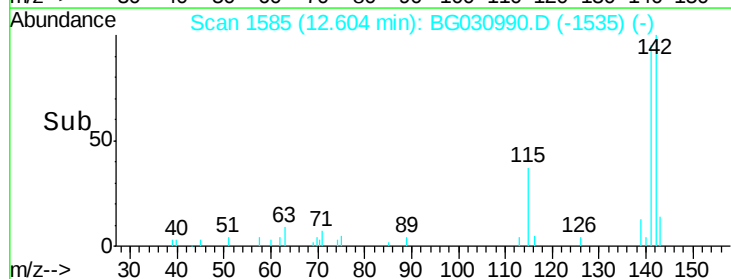
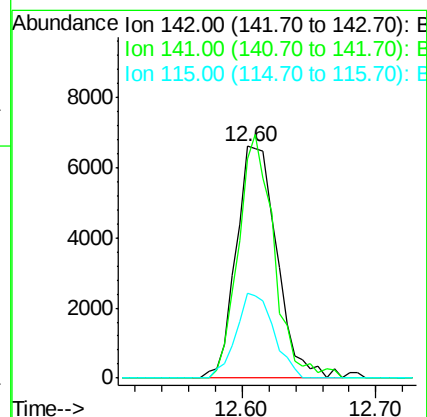
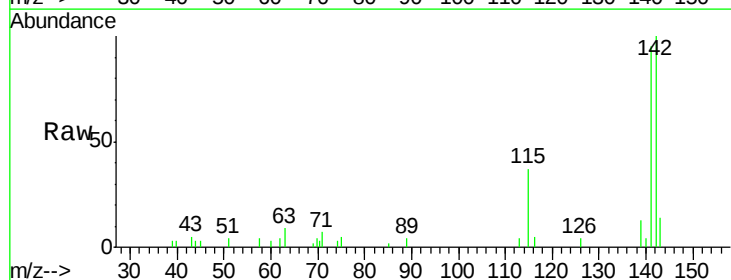
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-G

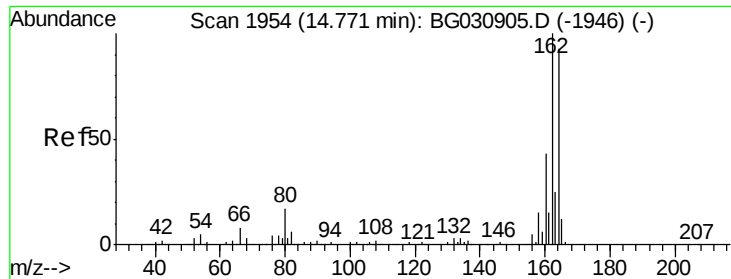
Tgt Ion:127 Resp: 20258
Ion Ratio Lower Upper
127 100
129 73.8 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#37
2-Methylnaphthalene
Concen: 2.09 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG030990.D
Acq: 14 Nov 2017 2:14

Tgt Ion:142 Resp: 14000
Ion Ratio Lower Upper
142 100
141 94.8 67.1 100.7
115 36.7 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

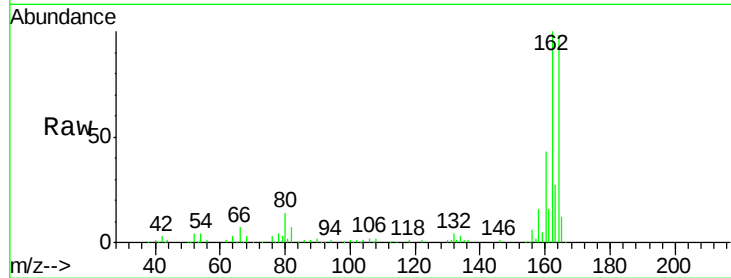
Tgt Ion:164 Resp: 114763

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

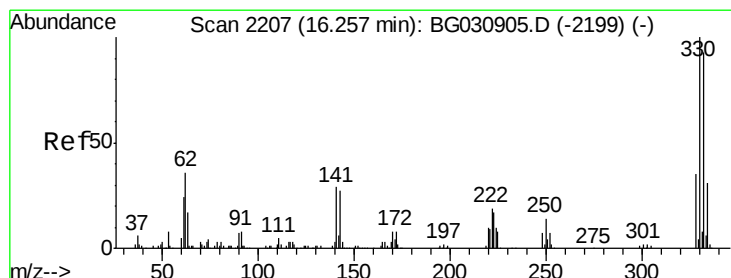
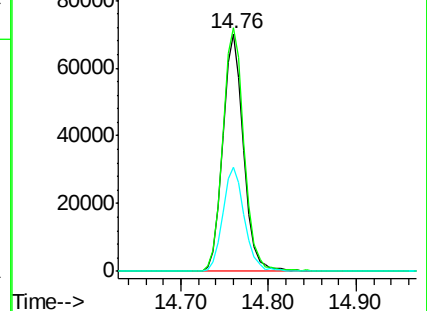
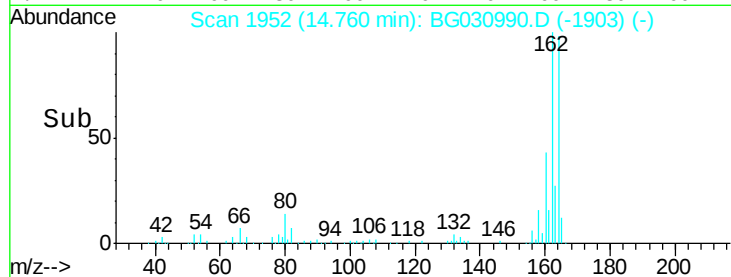
160 44.1 35.4 53.0



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: 169.92 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

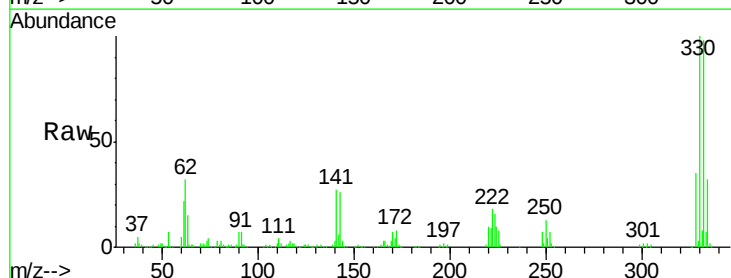
Tgt Ion:330 Resp: 315449

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

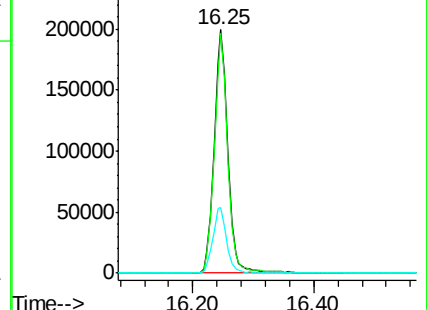
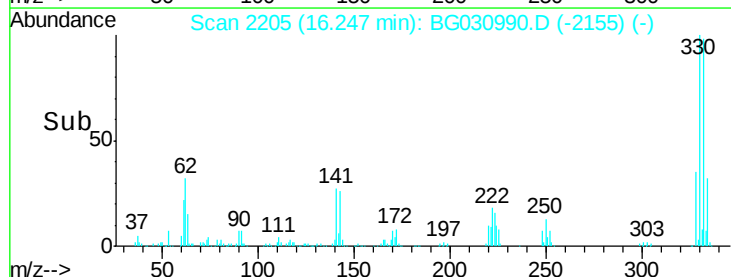
141 26.9 25.2 37.8

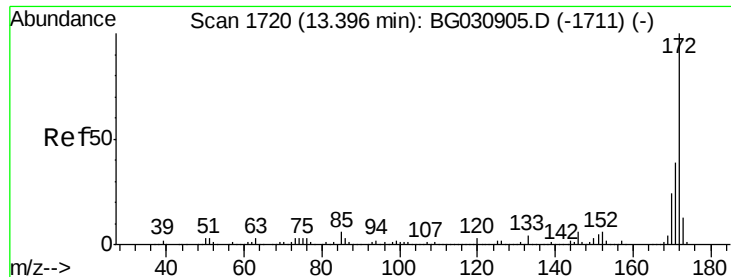


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

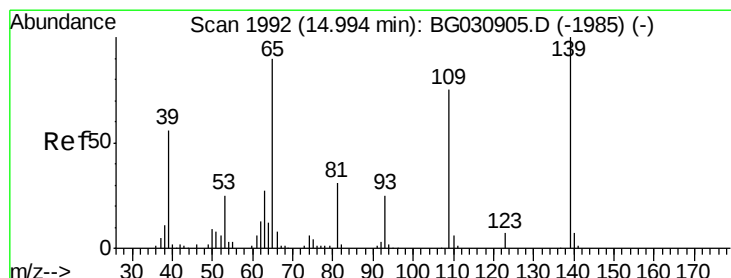
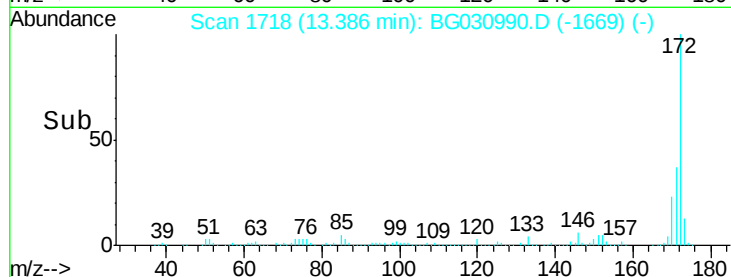
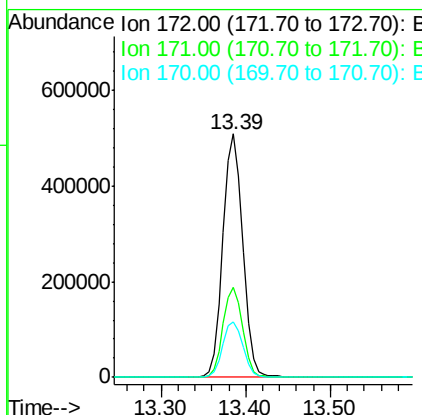
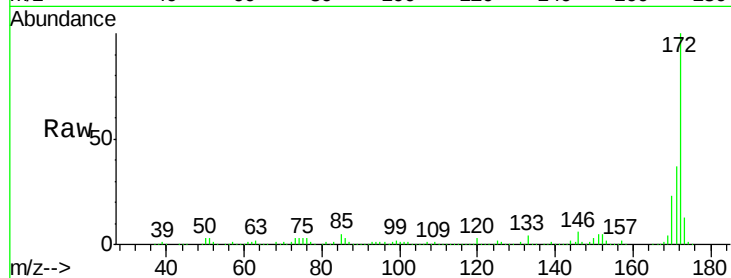




#44
 2-Fluorobiphenyl
 Concen: 104.05 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

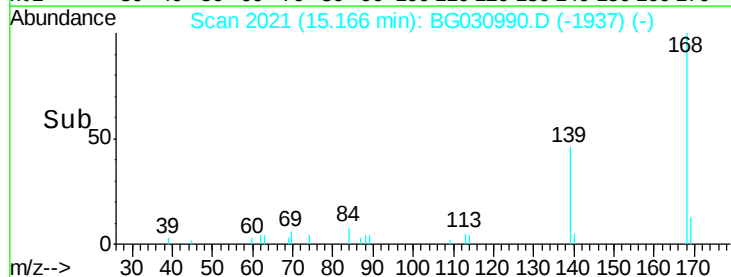
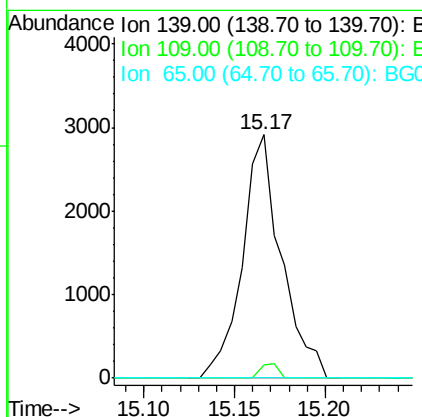
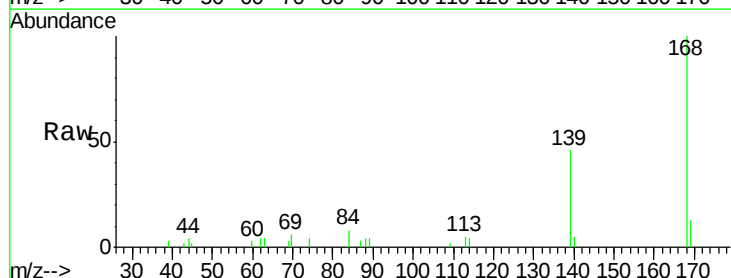
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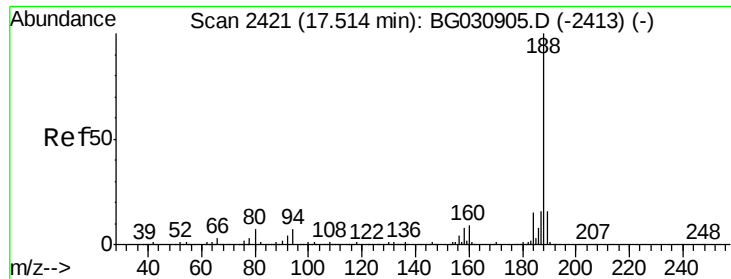
Tgt Ion:172 Resp: 831043
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 22.5 19.5 29.3



#55
 4-Nitrophenol
 Concen: 2.82 ng
 RT: 15.17 min Scan# 2021
 Delta R.T. 0.19 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

Tgt Ion:139 Resp: 4359
 Ion Ratio Lower Upper
 139 100
 109 5.3 62.2 102.2#
 65 0.0 97.2 137.2#

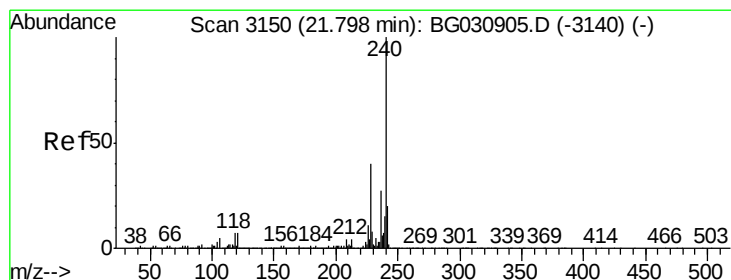
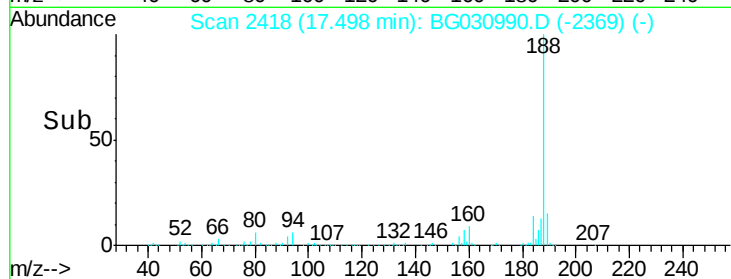
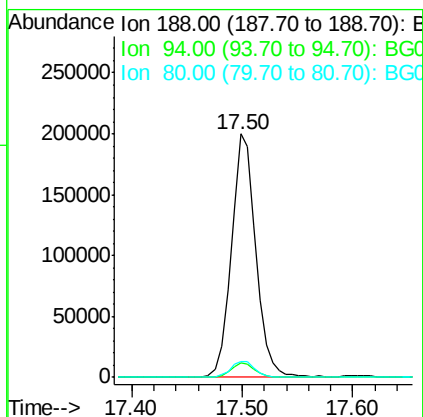
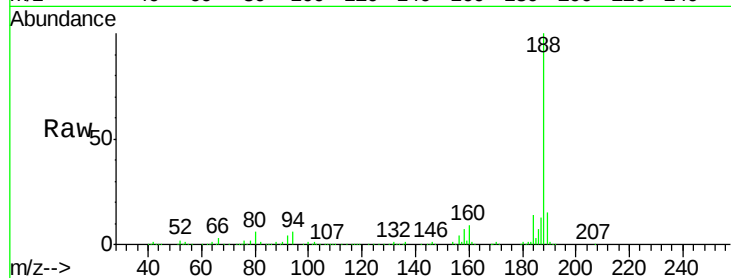




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG030990.D
Acq: 14 Nov 2017 2:14

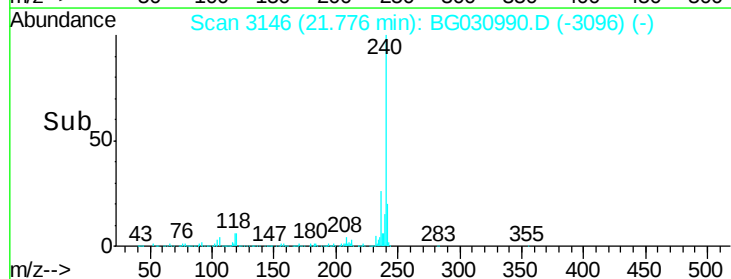
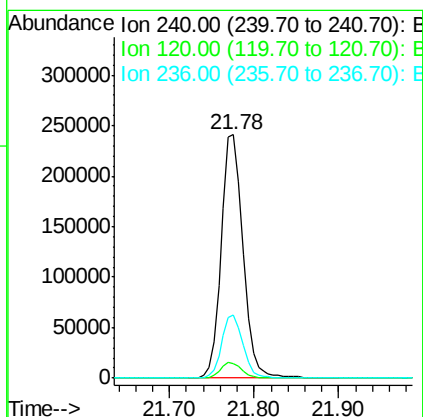
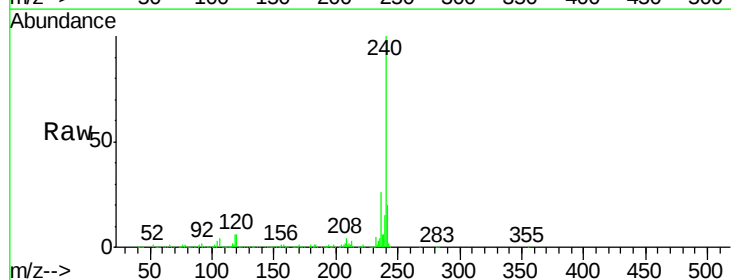
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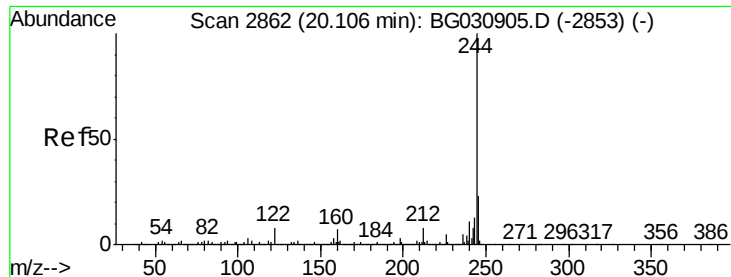
Tgt Ion:188 Resp: 309410
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030990.D
Acq: 14 Nov 2017 2:14

Tgt Ion:240 Resp: 431660
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 90.34 ng

RT: 20.10 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

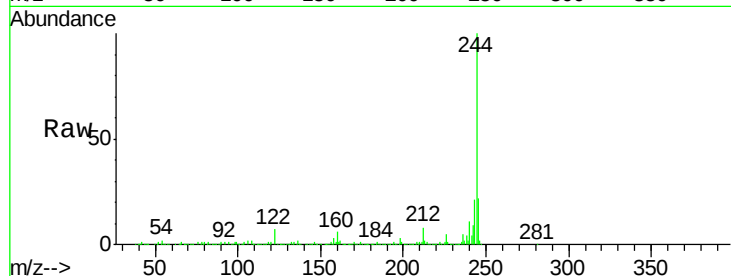
Tgt Ion:244 Resp: 1765978

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

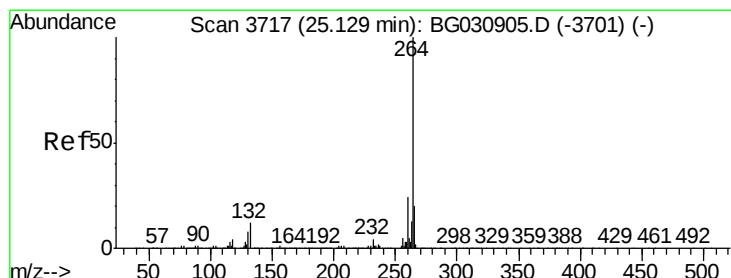
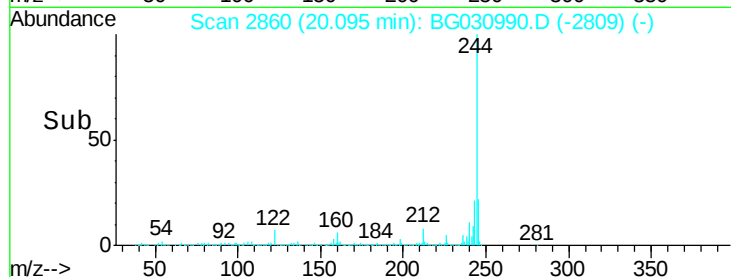
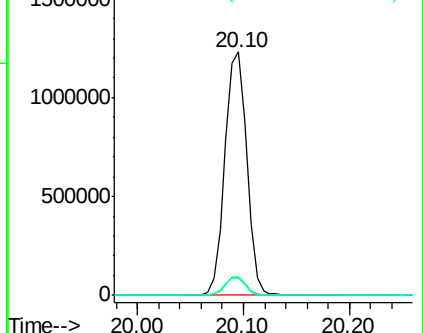
122 6.8 7.0 10.4#



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: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

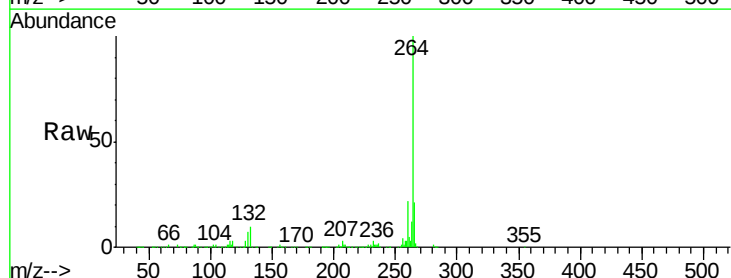
Tgt Ion:264 Resp: 430142

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.0 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

