

Data File : BG030992.D
Acq On : 14 Nov 2017 3:29
Operator : SJ/JU
Sample : I6300-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111017

Quant Time: Nov 14 05:00:41 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	46879	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	181563	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	120563	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	333659	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	428452	20.00	ng	-0.01
86) Perylene-d12	25.07	264	425599	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	397627	145.45	ng	0.00
7) Phenol-d6	7.31	99	451970	122.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	347227	113.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	388712	199.31	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1010948	120.49	ng	-0.01
78) Terphenyl-d14	20.09	244	2062113	106.27	ng	0.00

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

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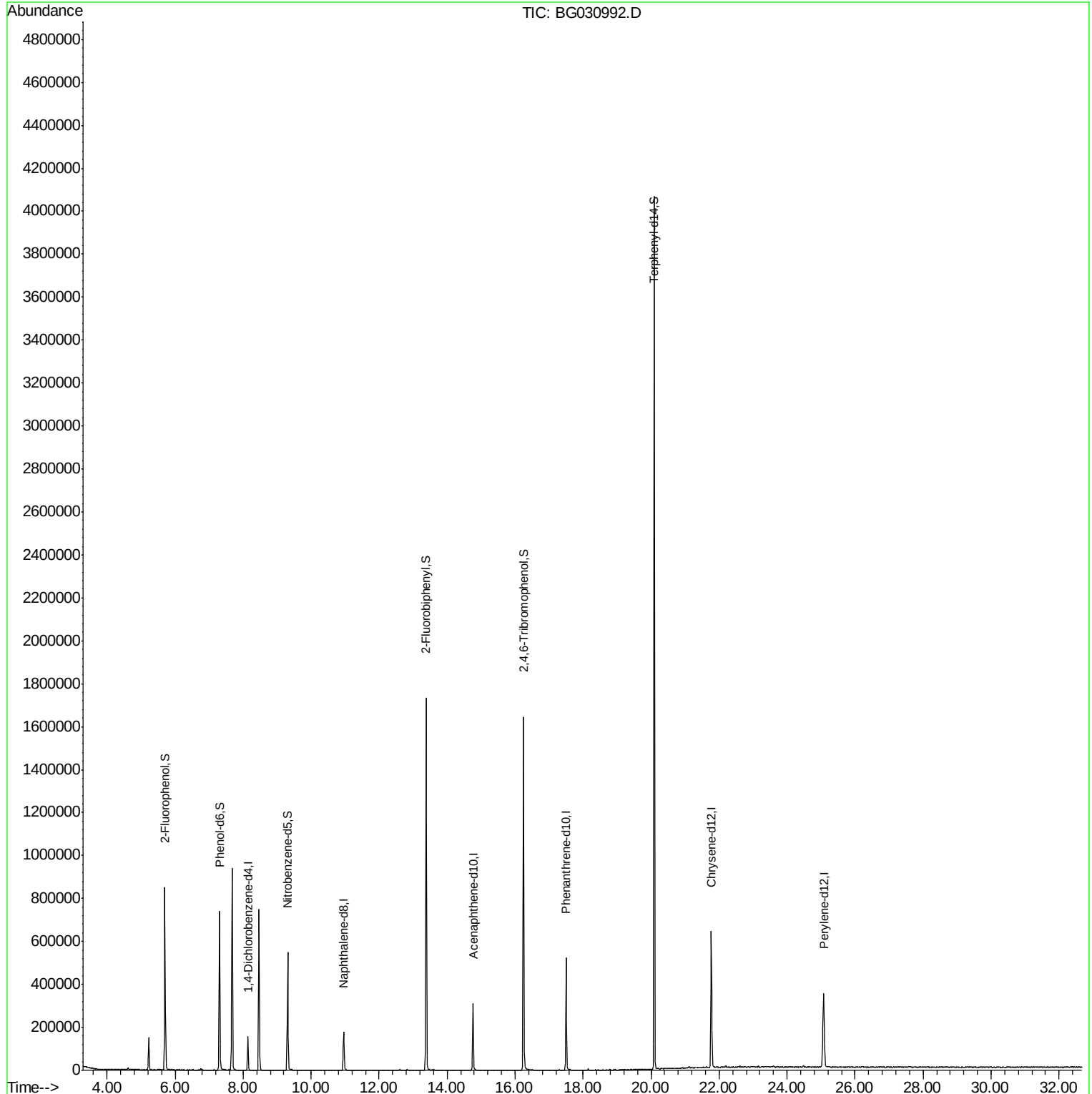
Quant Time: Nov 14 05:00:41 2017

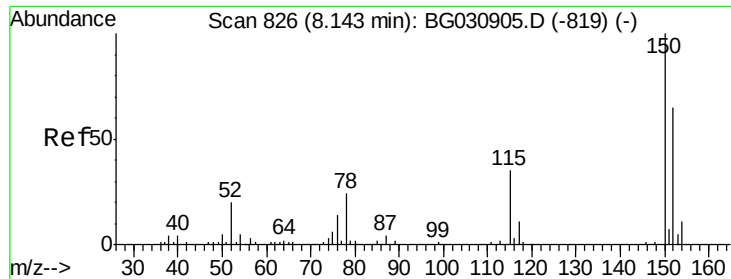
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:38:25 2017

Response via : Initial Calibration





#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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BNA_G

ClientSampleId :

OR-03-111017

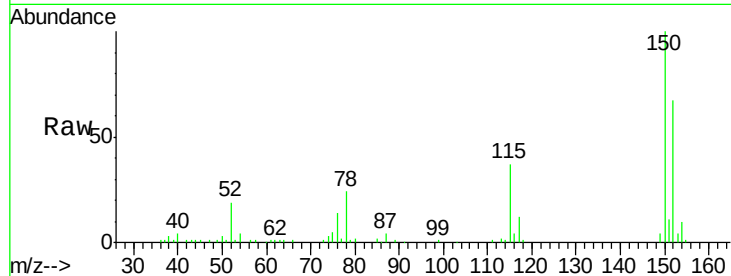
Tgt Ion:152 Resp: 46879

Ion Ratio Lower Upper

152 100

150 150.2 126.6 189.8

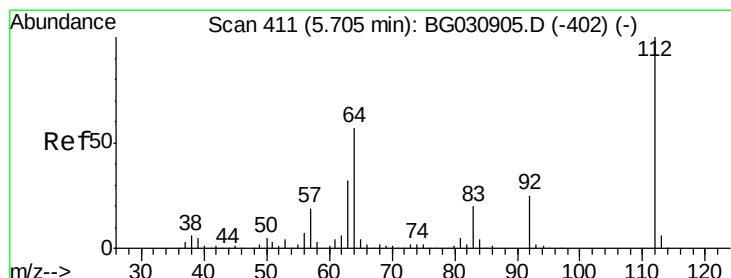
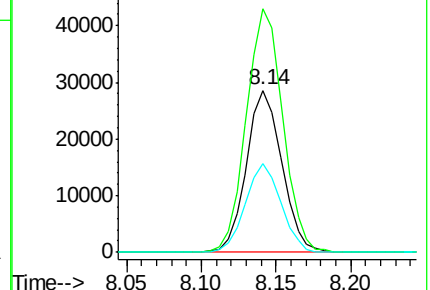
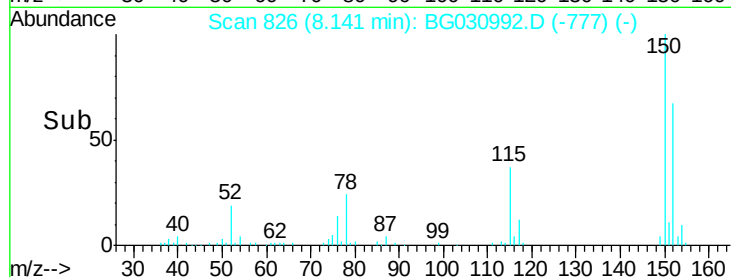
115 54.9 53.0 79.4



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: 145.45 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030992.D

Acq: 14 Nov 2017 3:29

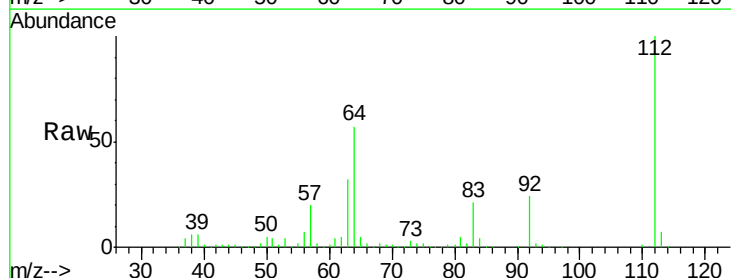
Tgt Ion:112 Resp: 397627

Ion Ratio Lower Upper

112 100

64 56.8 56.3 84.5

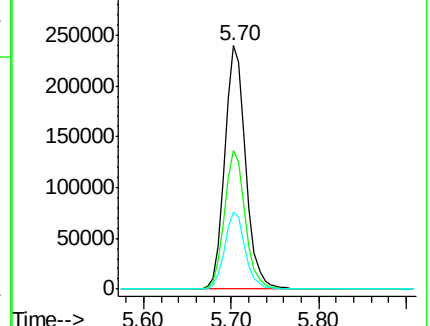
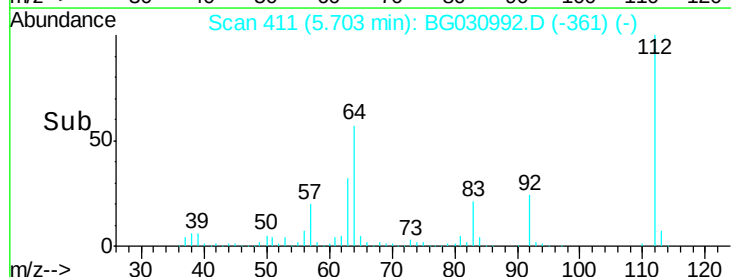
63 31.6 30.1 45.1

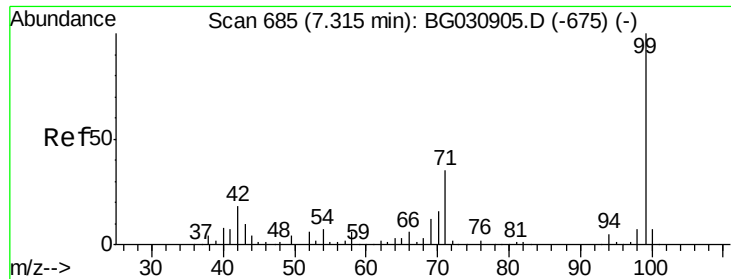


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.71 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030992.D

Acq: 14 Nov 2017 3:29

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OR-03-111017

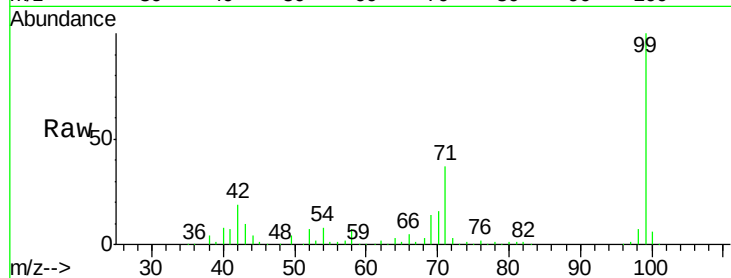
Tgt Ion: 99 Resp: 451970

Ion Ratio Lower Upper

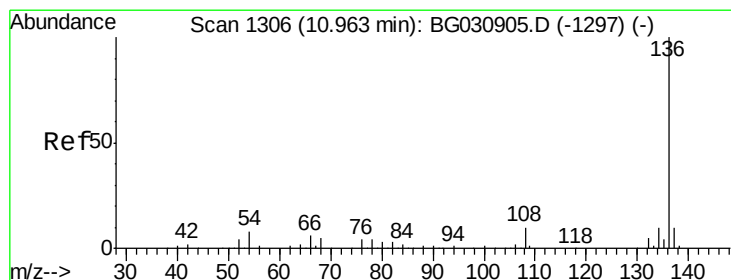
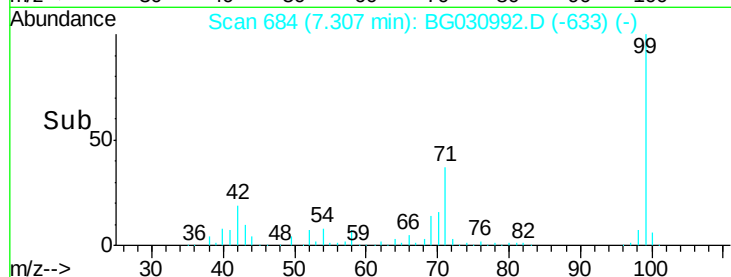
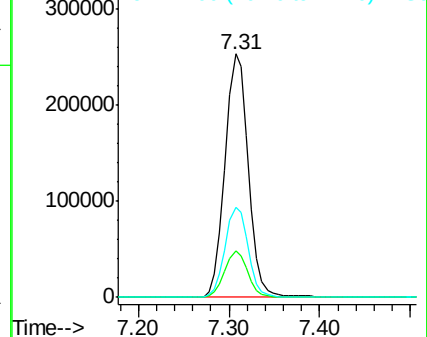
99 100

42 19.1 14.1 21.1

71 36.8 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: BG030992.D

Acq: 14 Nov 2017 3:29

Tgt Ion: 136 Resp: 181563

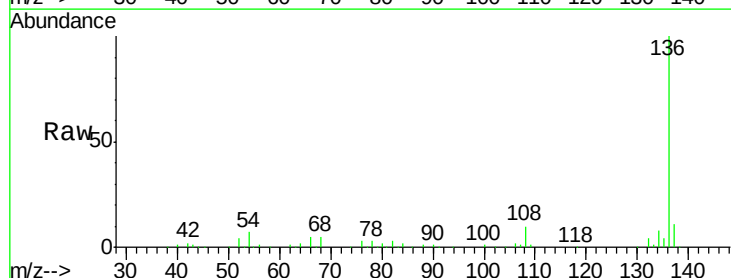
Ion Ratio Lower Upper

136 100

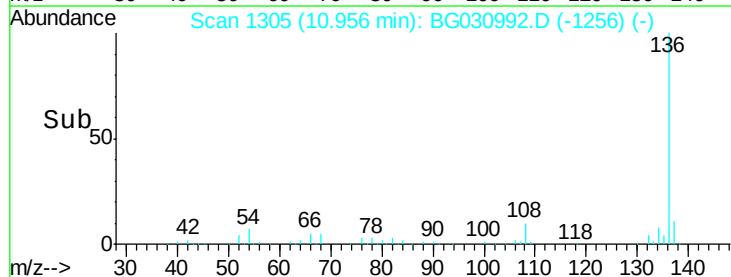
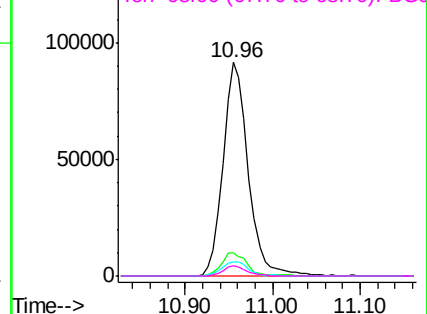
137 11.0 9.2 13.8

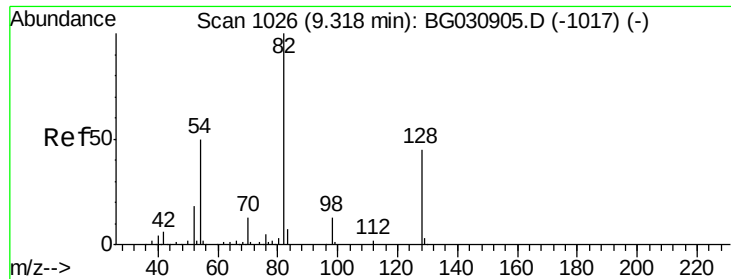
54 6.9 10.3 15.5#

68 4.8 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

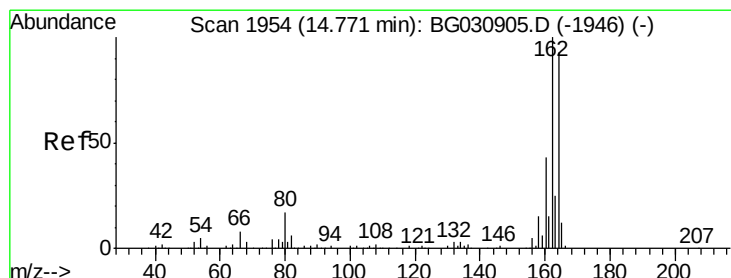
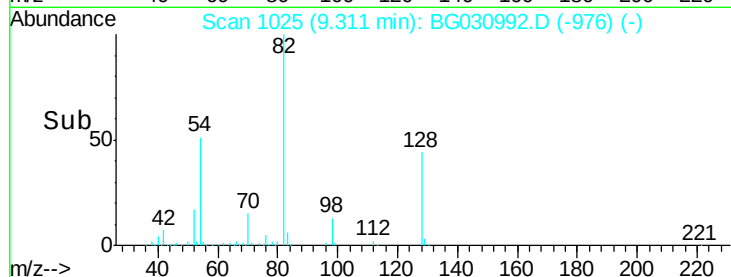
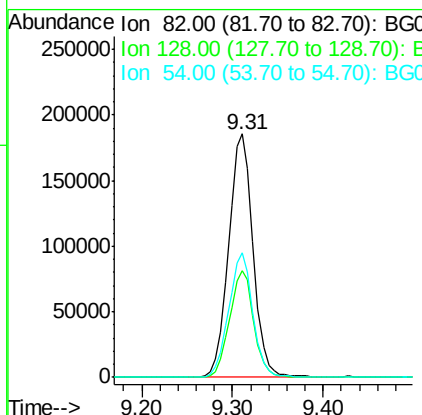
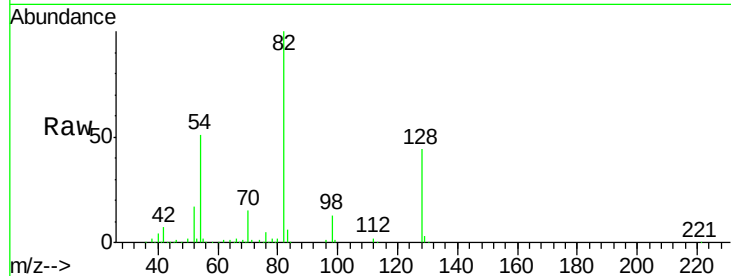




#23
 Nitrobenzene-d5
 Concen: 113.32 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030992.D
 Acq: 14 Nov 2017 3:29

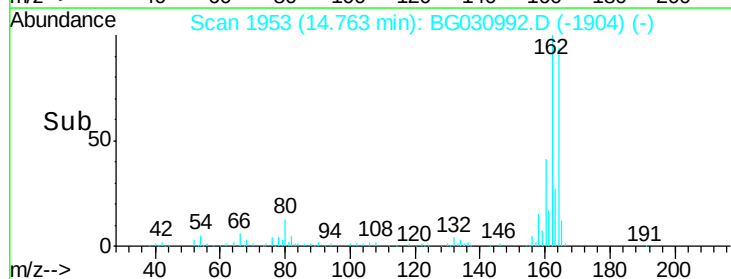
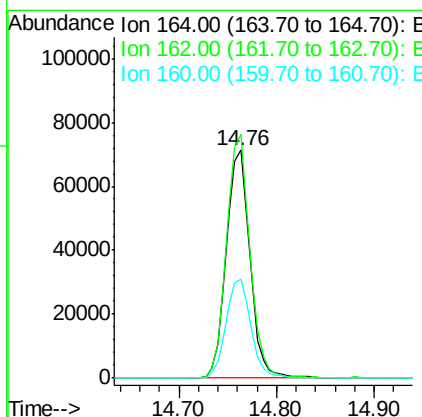
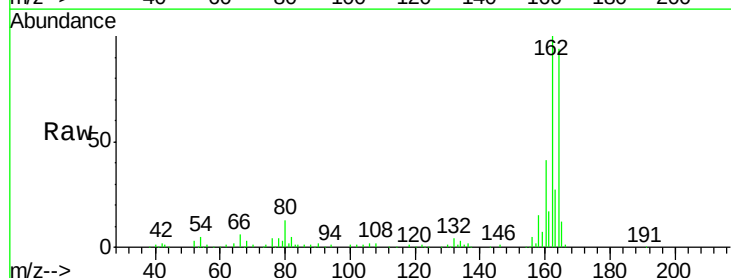
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-111017

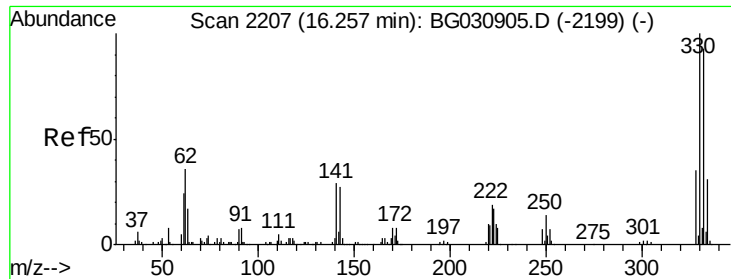
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	51.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030992.D
 Acq: 14 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	43.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 199.31 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030992.D

Acq: 14 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

OR-03-111017

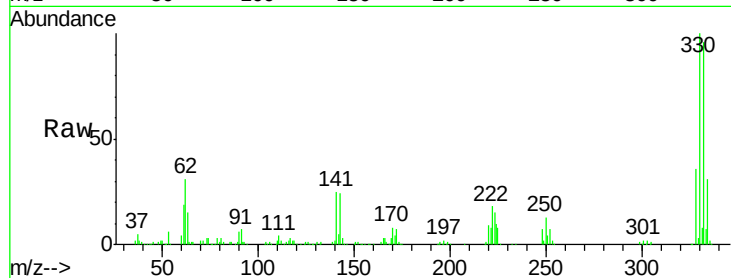
Tgt Ion:330 Resp: 388712

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

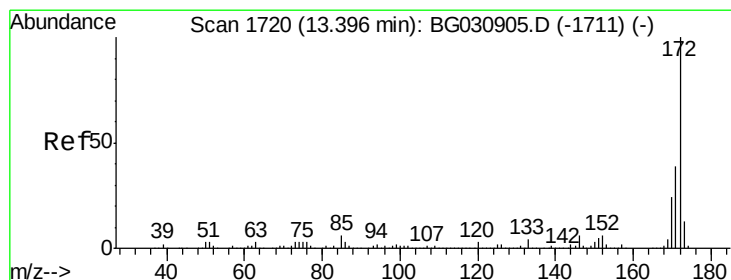
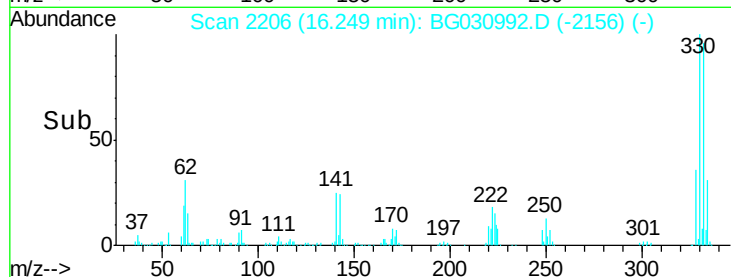
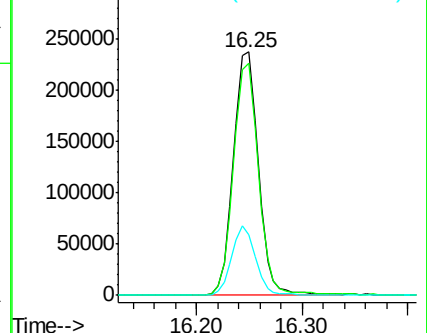
141 27.6 25.2 37.8



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: 120.49 ng

RT: 13.39 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BG030992.D

Acq: 14 Nov 2017 3:29

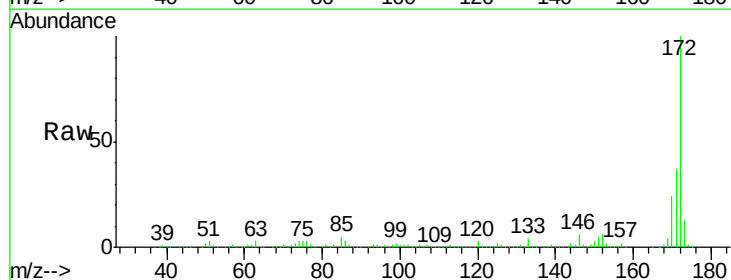
Tgt Ion:172 Resp: 1010948

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

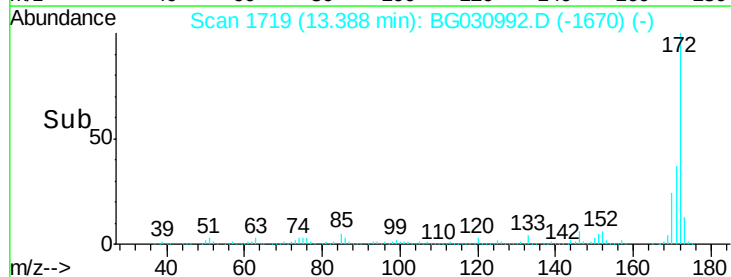
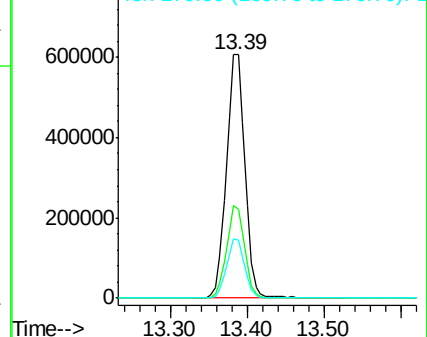
170 23.9 19.5 29.3

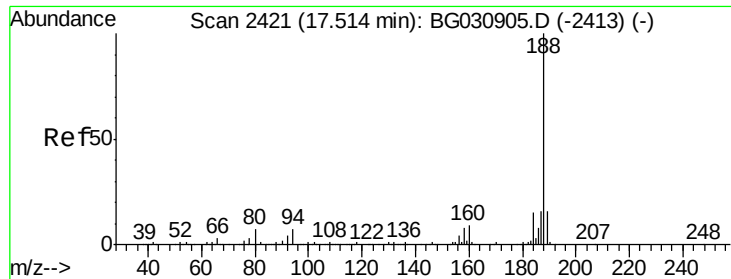


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

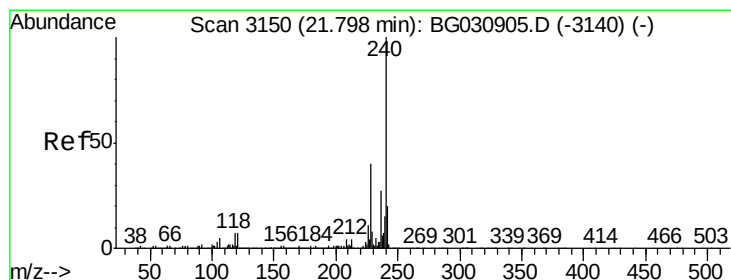
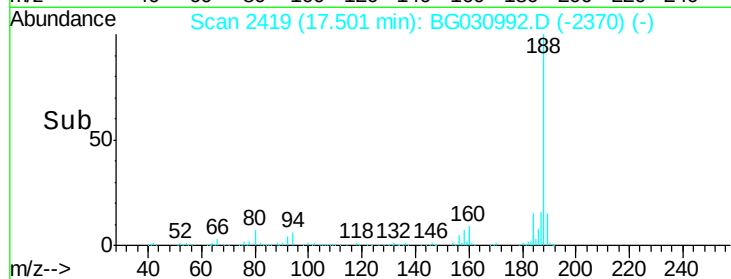
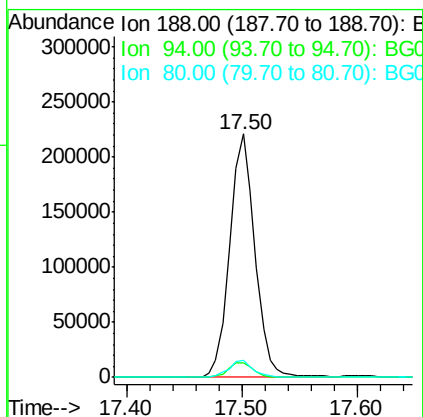
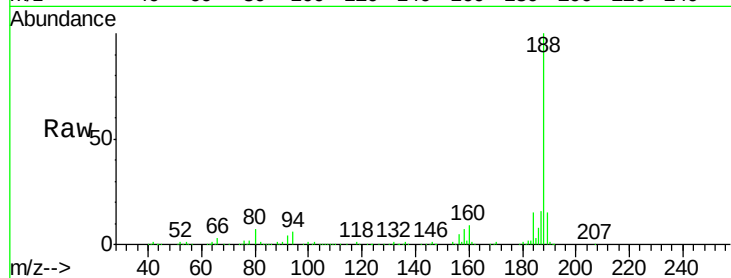




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030992.D
Acq: 14 Nov 2017 3:29

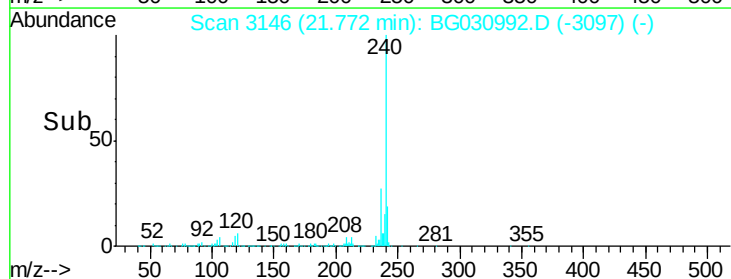
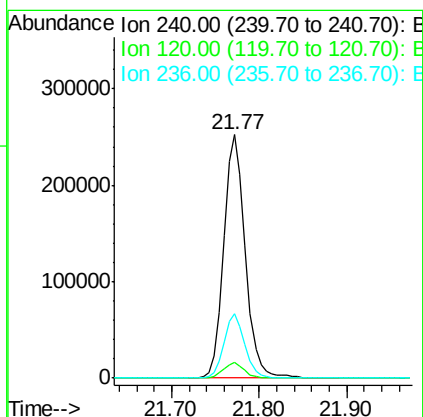
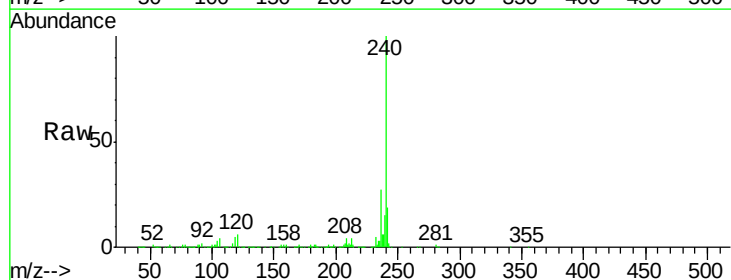
Instrument :
BNA_G
ClientSampleId :
OR-03-111017

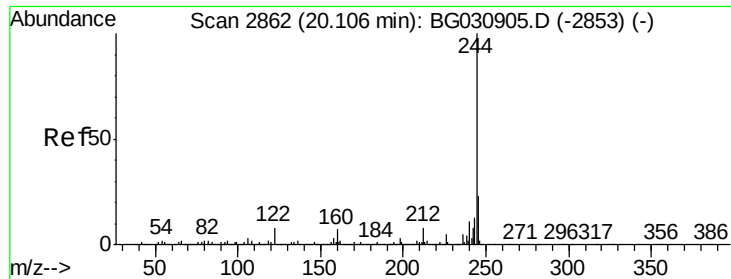
Tgt Ion:188 Resp: 333659
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030992.D
Acq: 14 Nov 2017 3:29

Tgt Ion:240 Resp: 428452
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 106.27 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030992.D

Acq: 14 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

OR-03-111017

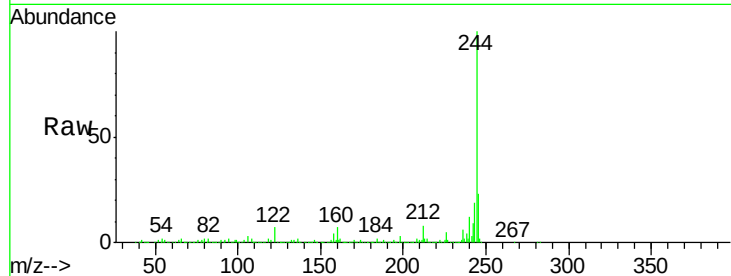
Tgt Ion:244 Resp: 2062113

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

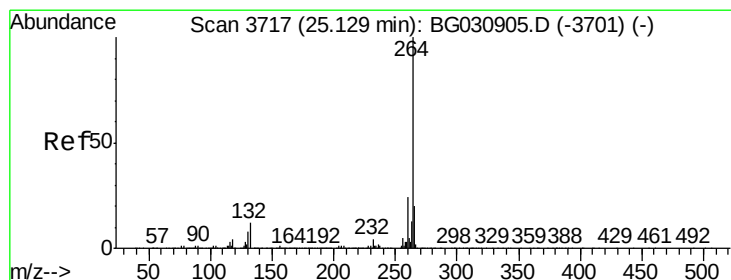
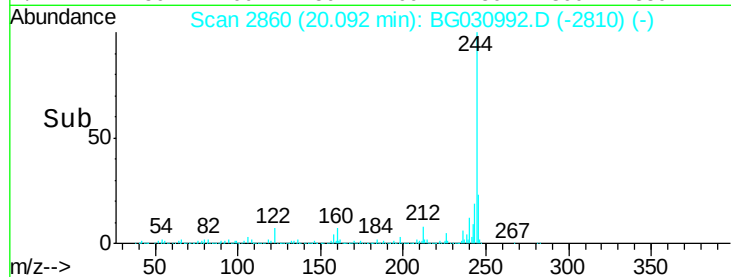
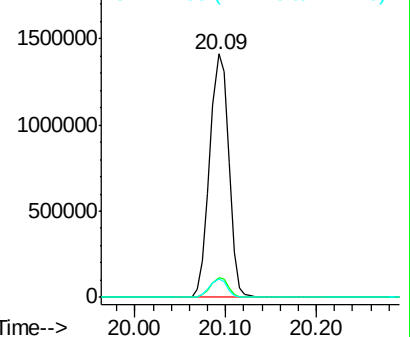
122 7.4 7.0 10.4



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: 20.00 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG030992.D

Acq: 14 Nov 2017 3:29

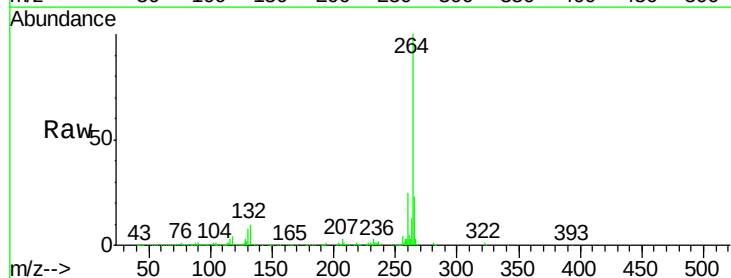
Tgt Ion:264 Resp: 425599

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.8 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

