

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031220.D
 Acq On : 23 Nov 2017 11:20
 Operator : SJ/JU
 Sample : I6560-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 23:22:59 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

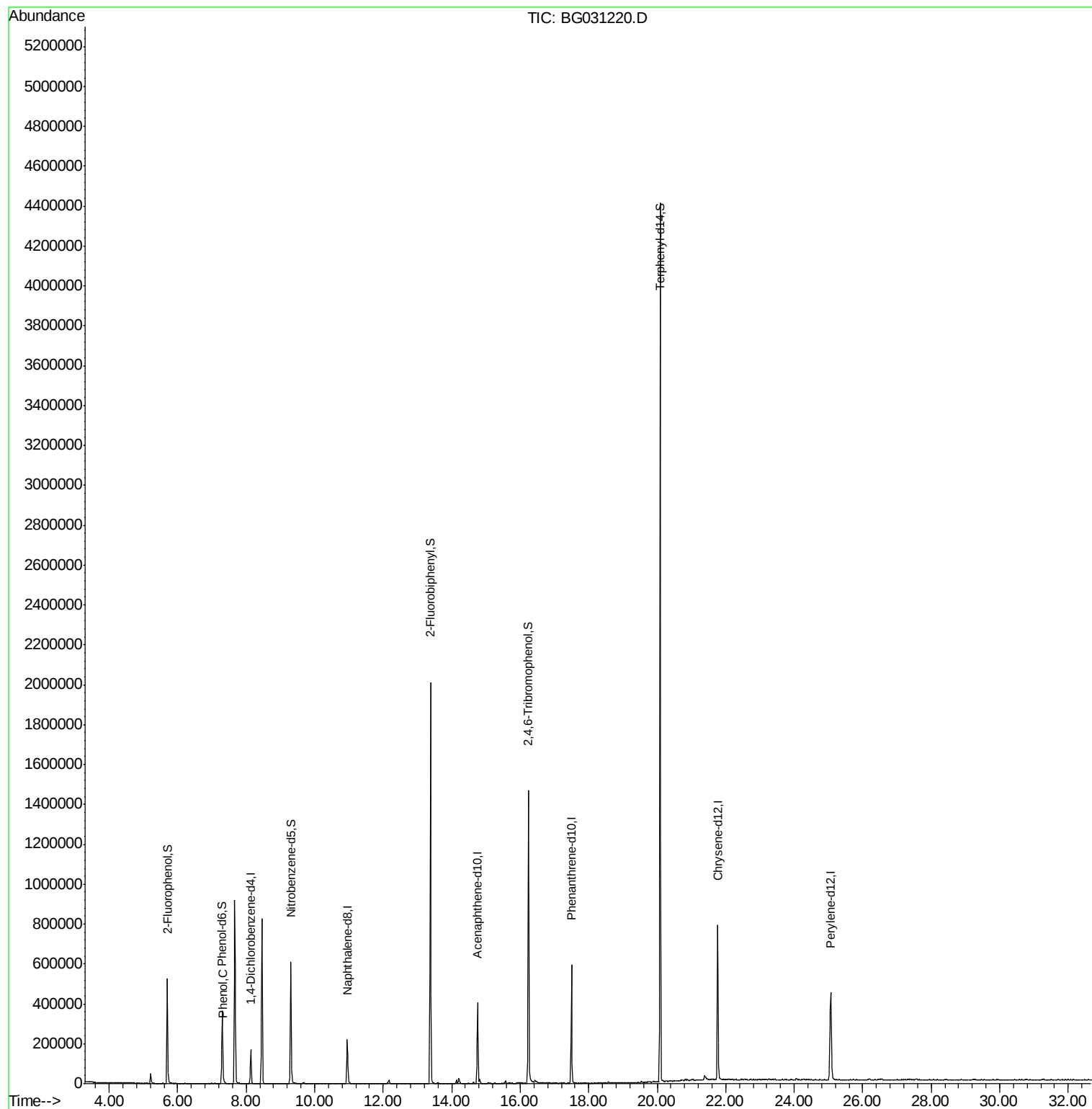
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	54441	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	240760	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	157045	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	401407	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	521665	20.00	ng	-0.02
86) Perylene-d12	25.06	264	517189	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	269680	84.94	ng	-0.01
7) Phenol-d6	7.30	99	250409	58.54	ng	0.00
23) Nitrobenzene-d5	9.30	82	411605	101.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	311273	122.53	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1161247	106.25	ng	-0.02
78) Terphenyl-d14	20.09	244	2187509	92.59	ng	0.00
Target Compounds						
10) Phenol	7.33	94	13015	2.93	ng	Qvalue 98

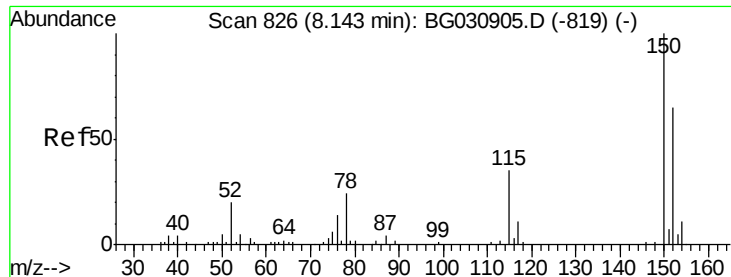
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

Instrument :

BNA_G

ClientSampleId :

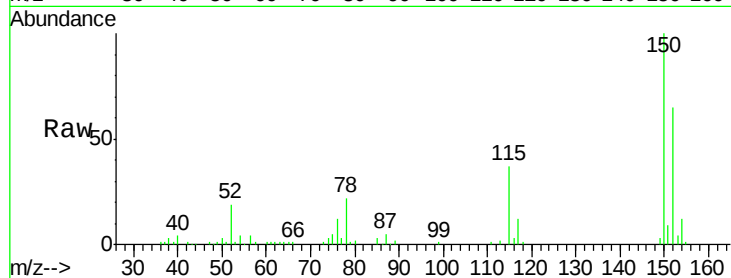
Tot Ion:152 Resp: 54441

Ion Ratio Lower Upper

152 100

150 153.8 126.6 189.8

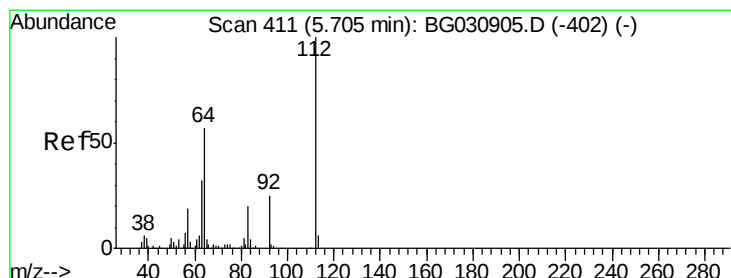
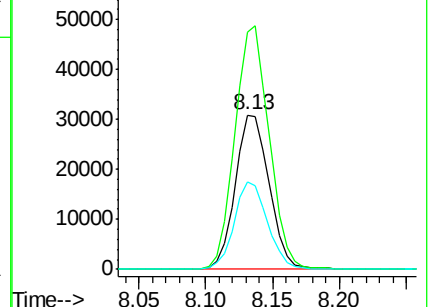
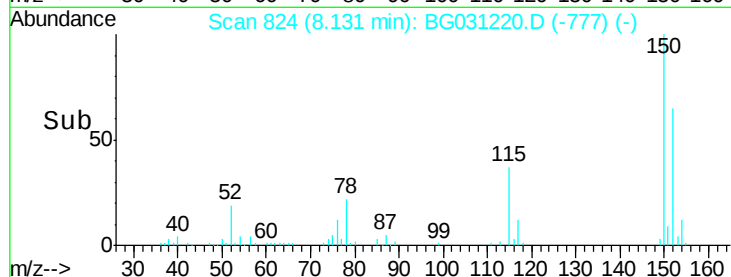
115 56.2 53.0 79.4



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: 84.94 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.01 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

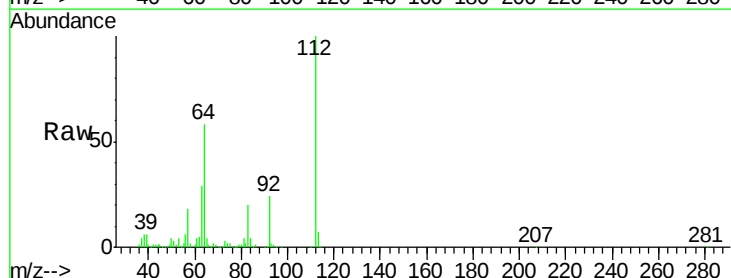
Tgt Ion:112 Resp: 269680

Ion Ratio Lower Upper

112 100

64 58.1 56.3 84.5

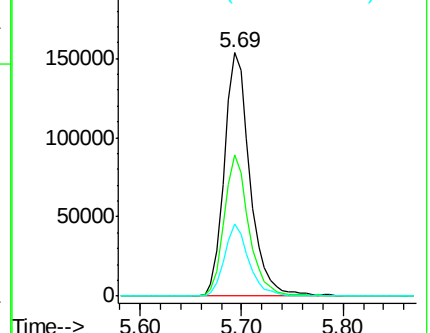
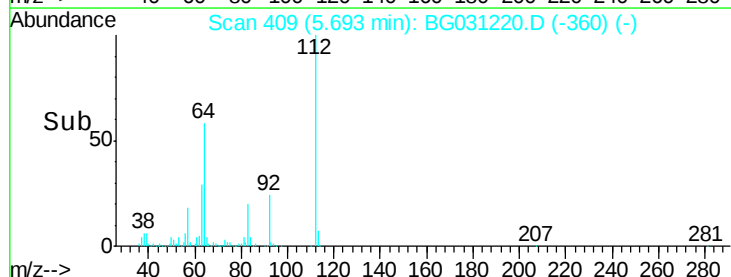
63 29.4 30.1 45.1#

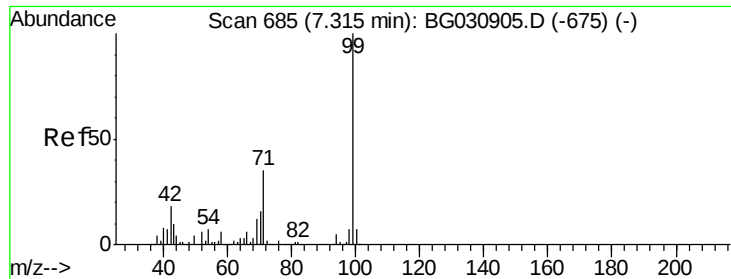


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 58.54 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

Instrument :

BNA_G

ClientSampleId :

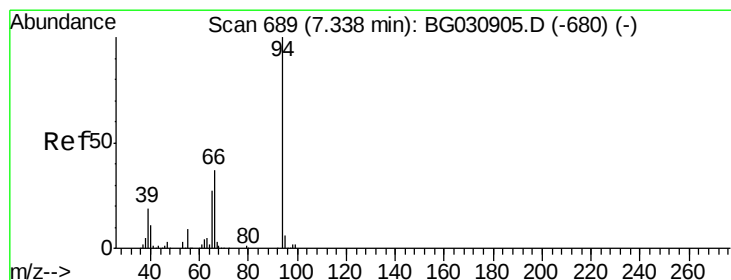
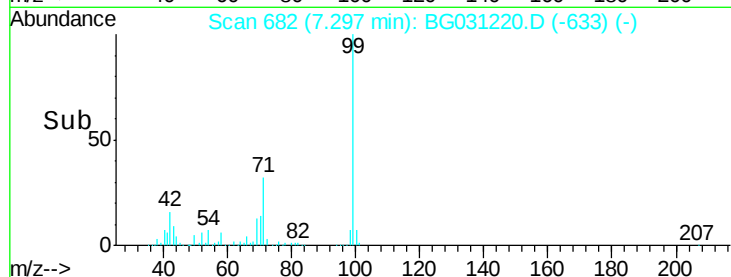
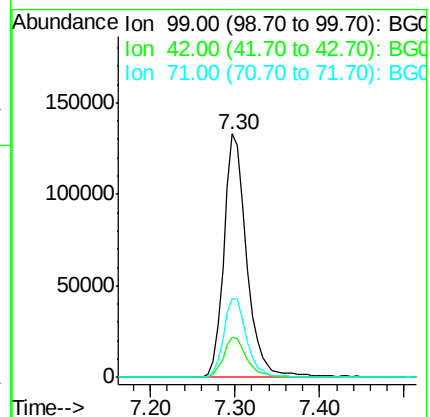
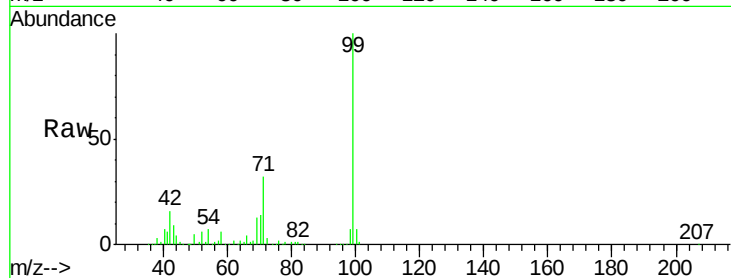
Tot Ion: 99 Resp: 250409

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 32.3 26.1 39.1



#10

Phenol

Concen: 2.93 ng

RT: 7.33 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

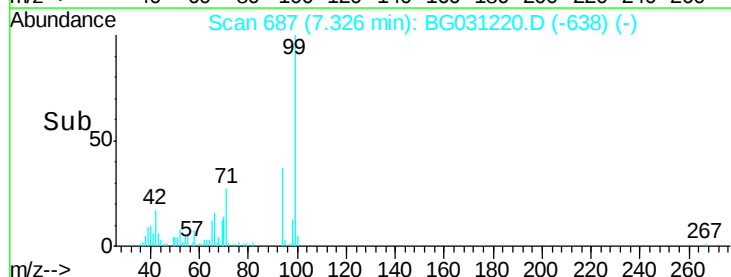
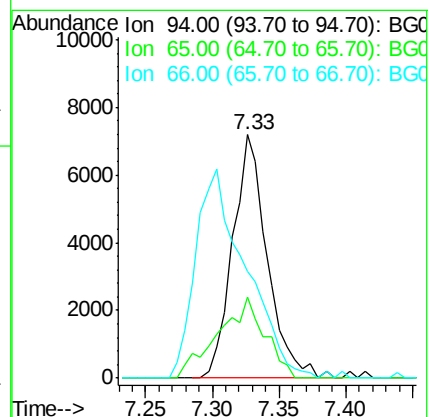
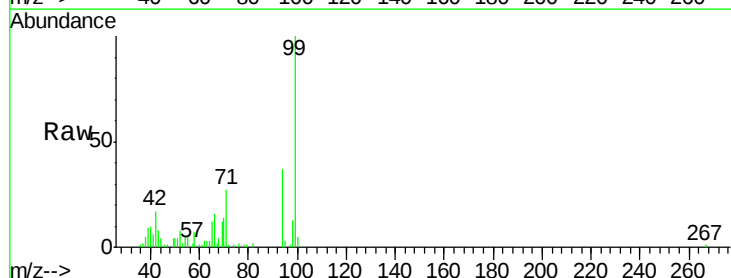
Tgt Ion: 94 Resp: 13015

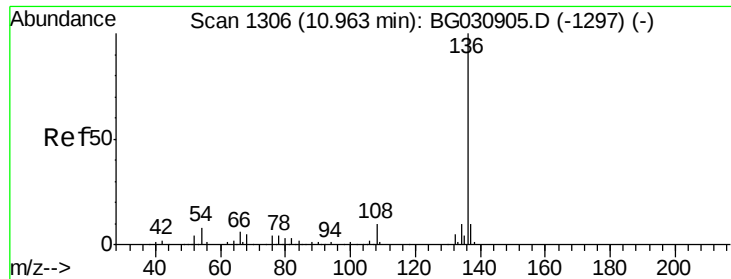
Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

66 43.6 22.2 62.2

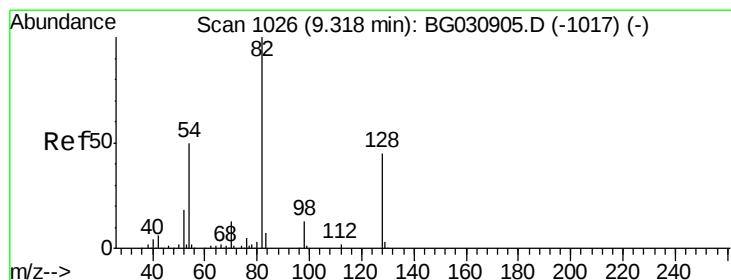
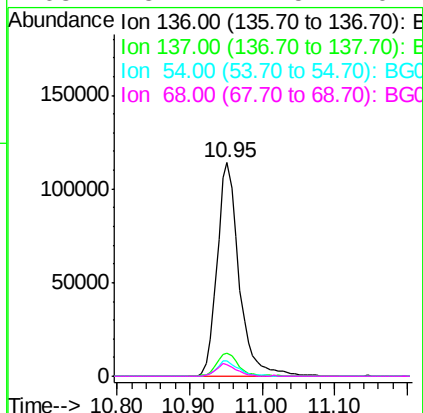
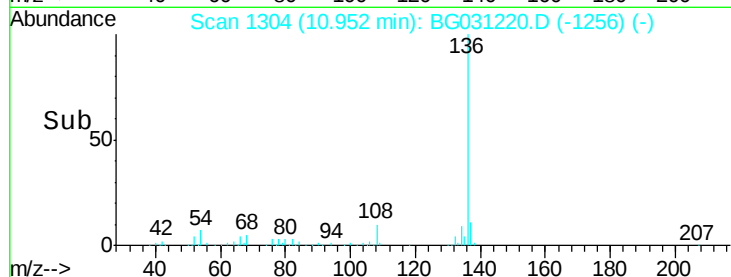
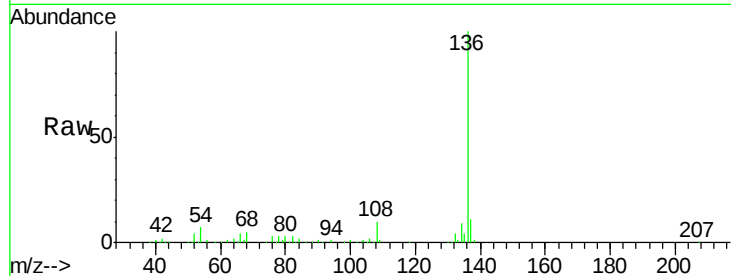




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031220.D
Acq: 23 Nov 2017 11:20

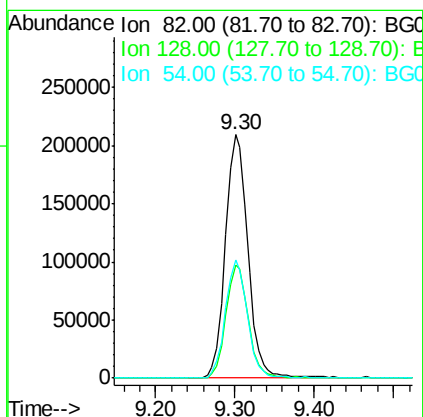
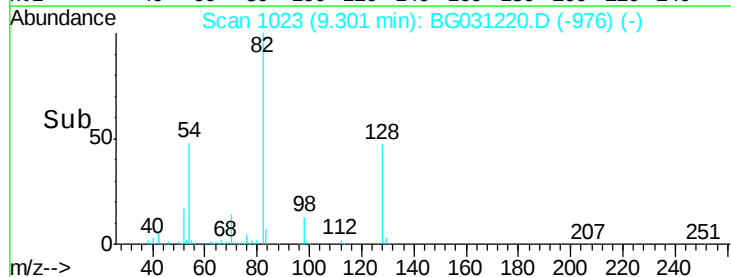
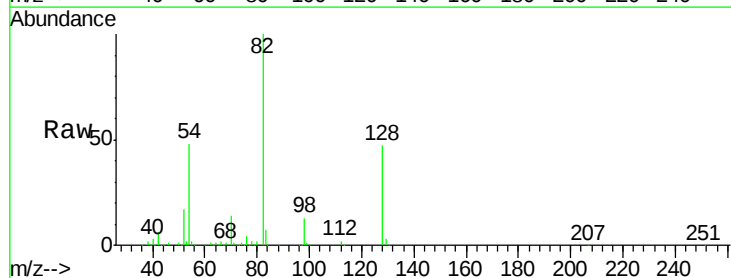
Instrument :
BNA_G
ClientSampleId :

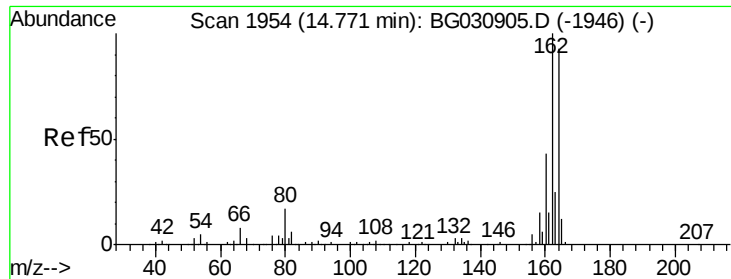
Tot Ion:136	Resp:	240760
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	6.9	10.3 15.5#
68	5.4	4.5 6.7



#23
Nitrobenzene-d5
Concen: 101.30 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031220.D
Acq: 23 Nov 2017 11:20

Tgt Ion: 82	Resp:	411605
Ion	Ratio	Lower Upper
82	100	
128	46.5	29.7 44.5#
54	48.3	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

Instrument :

BNA_G

ClientSampleId :

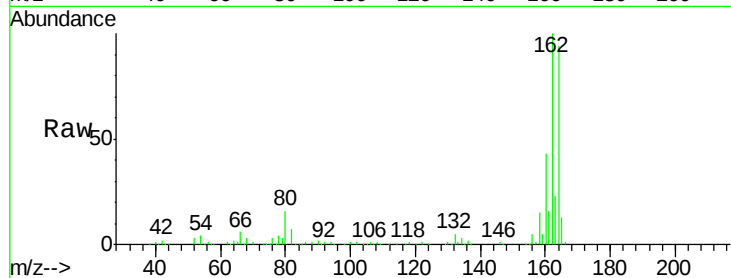
Tot Ion:164 Resp: 157045

Ion Ratio Lower Upper

164 100

162 106.1 78.8 118.2

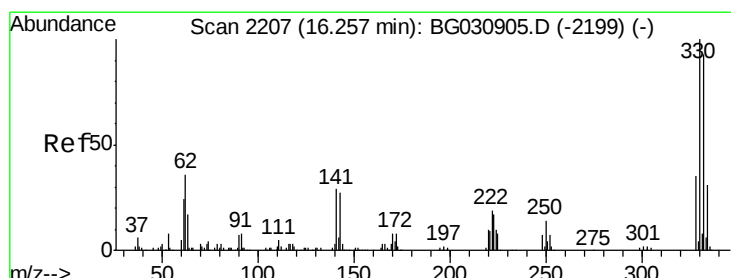
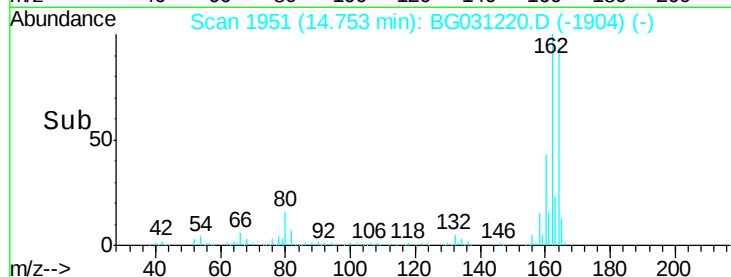
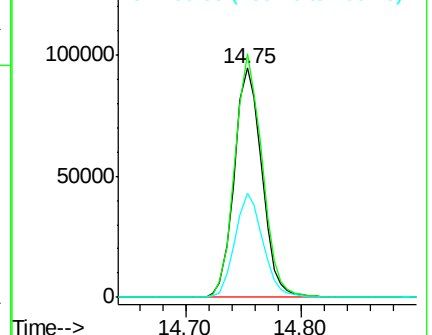
160 45.3 35.4 53.0



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: 122.53 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

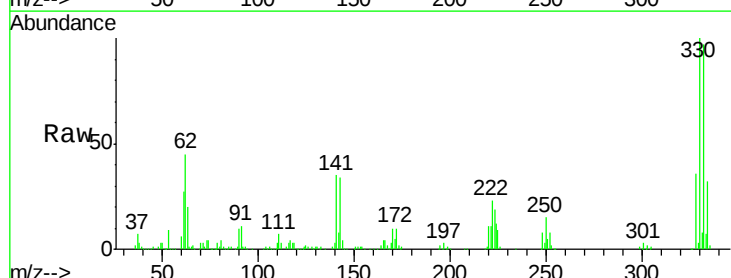
Tgt Ion:330 Resp: 311273

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

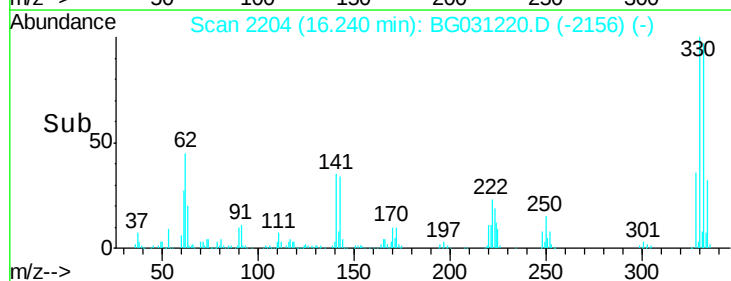
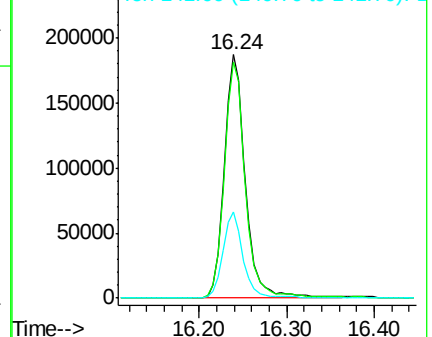
141 34.2 25.2 37.8

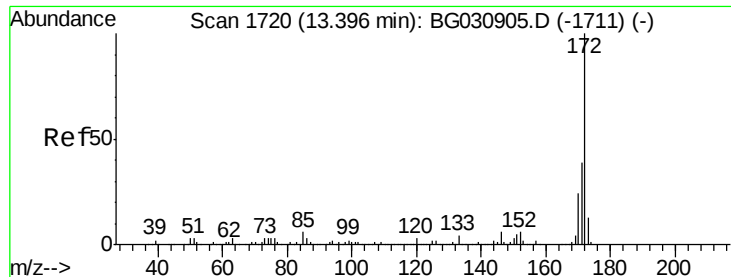


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



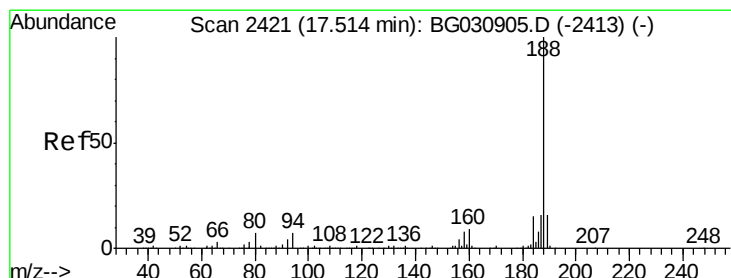
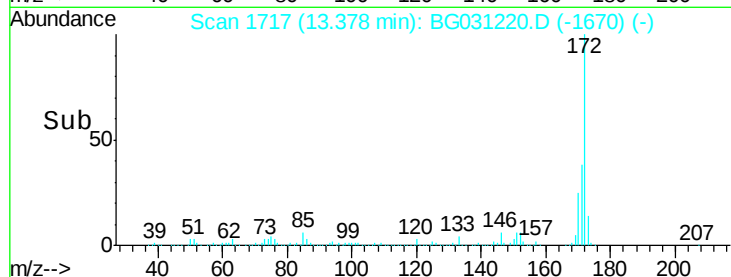
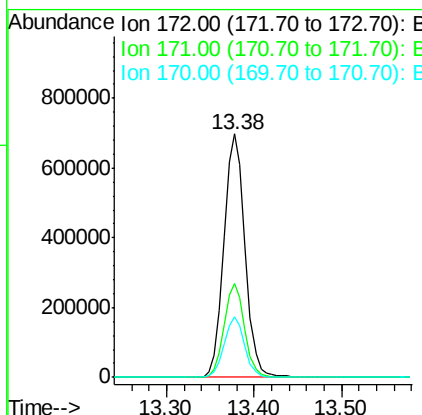
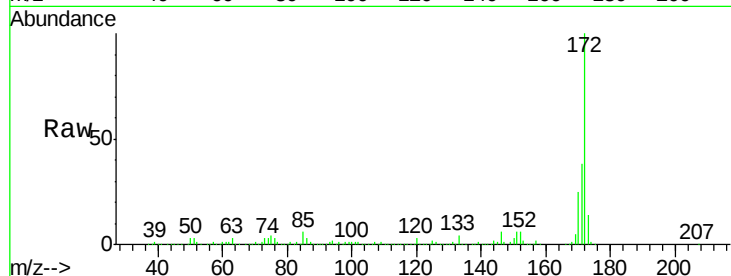


#44
 2-Fluorobiphenyl
 Concen: 106.25 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031220.D
 Acq: 23 Nov 2017 11:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1161247

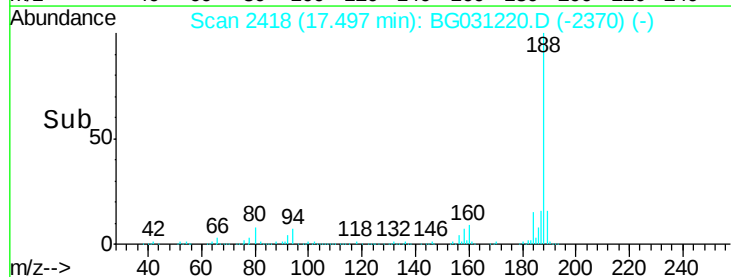
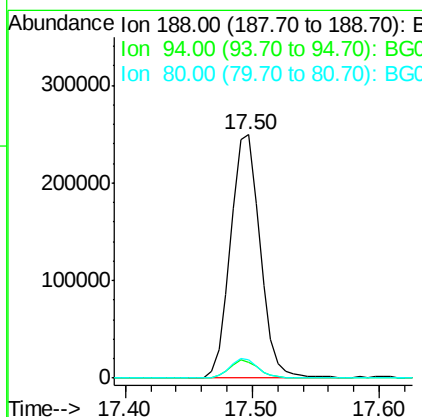
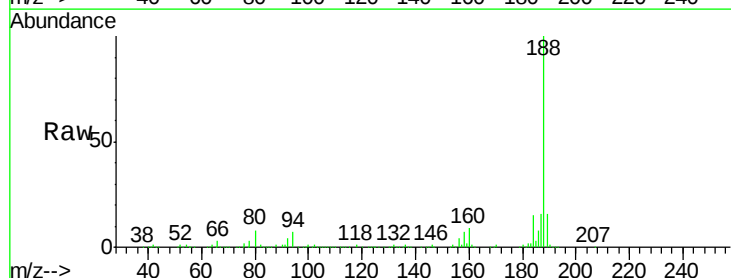
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.9	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031220.D
 Acq: 23 Nov 2017 11:20

Tgt Ion:188 Resp: 401407

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

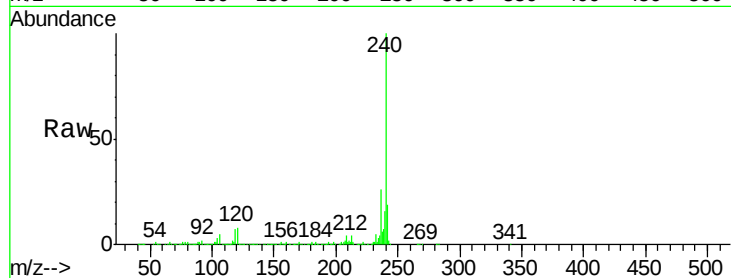
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 521665

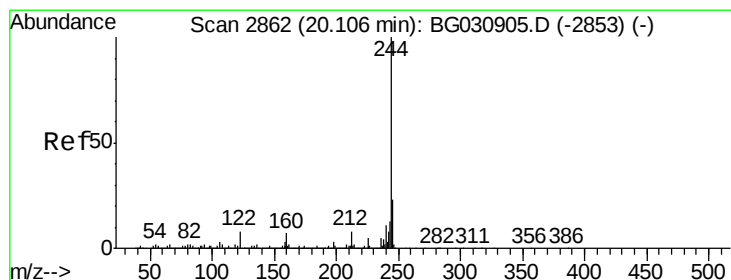
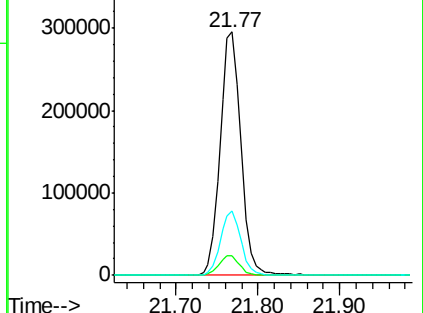
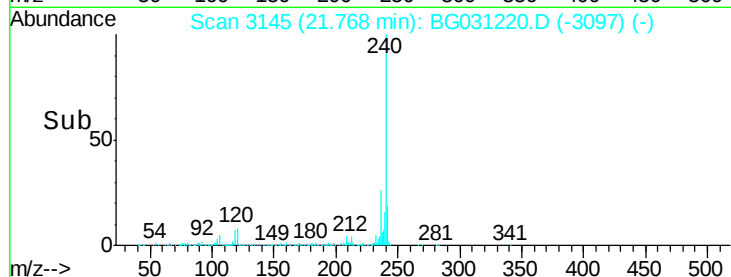
Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.3	20.9	31.3



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: 92.59 ng

RT: 20.09 min Scan# 2859

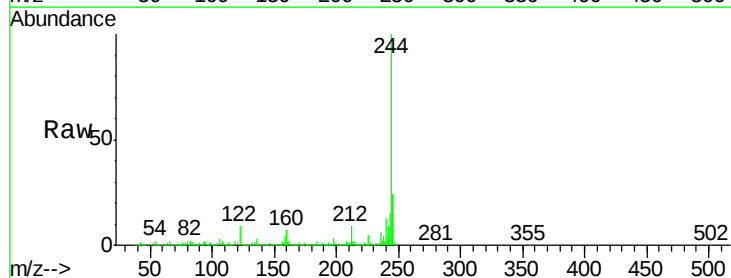
Delta R.T. -0.01 min

Lab File: BG031220.D

Acq: 23 Nov 2017 11:20

Tgt Ion:244 Resp: 2187509

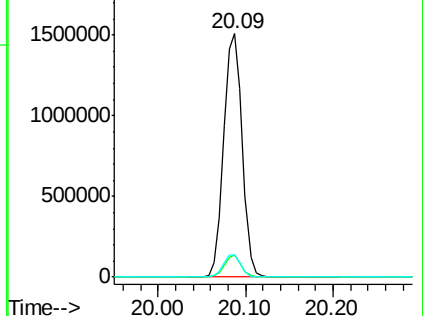
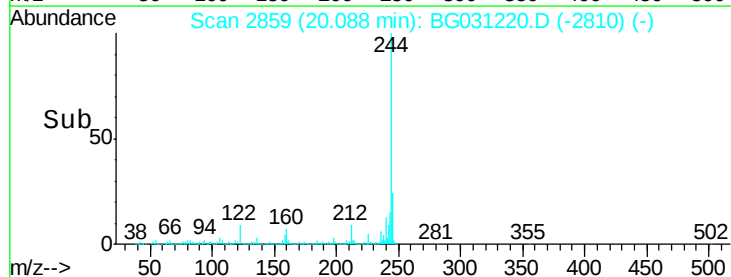
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.2	7.0	10.4

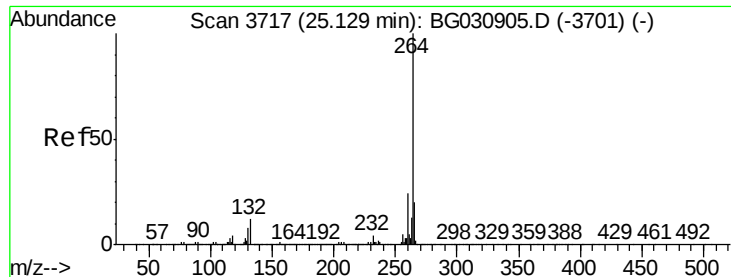


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031220.D
Acq: 23 Nov 2017 11:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 517189

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.0	17.7	26.5

