

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031602.D
 Acq On : 15 Dec 2017 23:58
 Operator : SJ/JU
 Sample : I6924-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 02:22:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

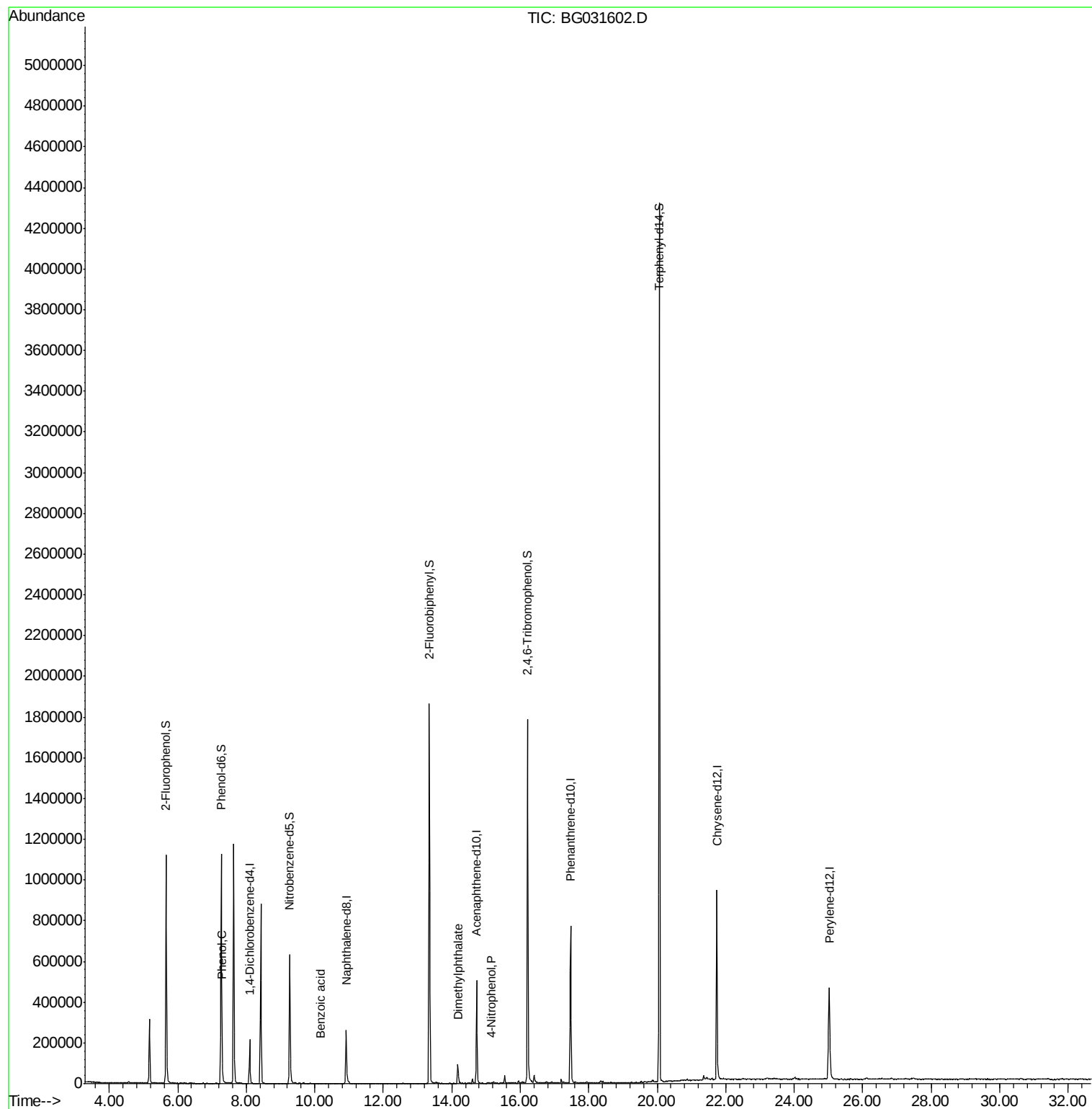
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	68548	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	287910	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	196329	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	536048	20.00	ng	0.00
75) Chrysene-d12	21.74	240	626271	20.00	ng	-0.01
86) Perylene-d12	25.02	264	535641	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	572103	147.93	ng	-0.01
7) Phenol-d6	7.26	99	745841	138.92	ng	0.00
23) Nitrobenzene-d5	9.27	82	432640	92.62	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	375183	163.12	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1093301	81.74	ng	0.00
78) Terphenyl-d14	20.06	244	2102019	76.36	ng	0.00
Target Compounds						
10) Phenol	7.29	94	26632	4.829	ng	94
32) Benzoic acid	10.17	122	56	6.981	ng	# 1
49) Dimethylphthalate	14.17	163	90550	5.571	ng	# 98
55) 4-Nitrophenol	15.15	139	208	3.625	ng	# 1

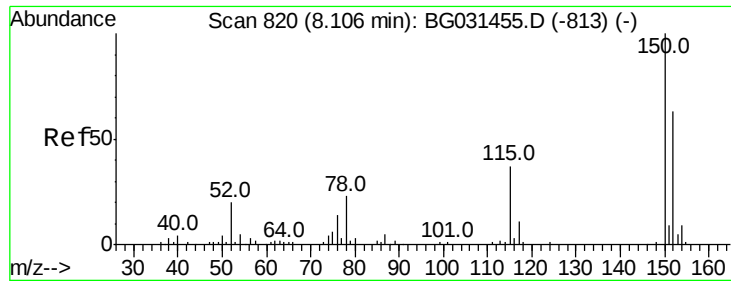
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
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BNA_G
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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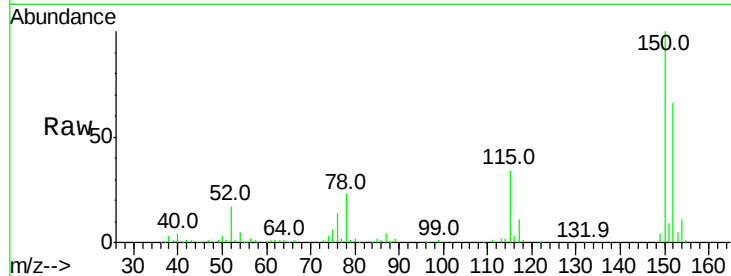


#1

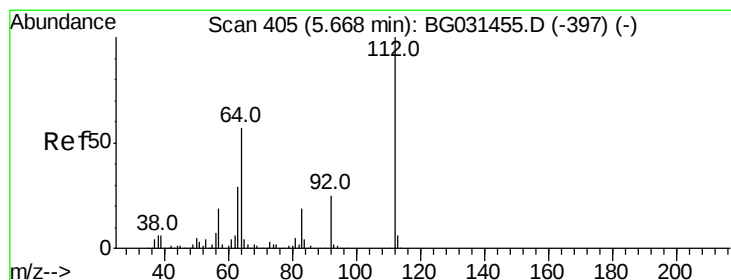
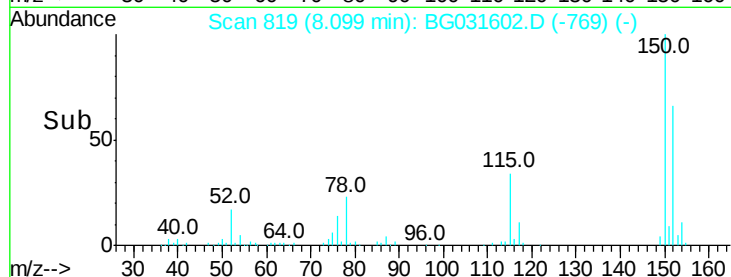
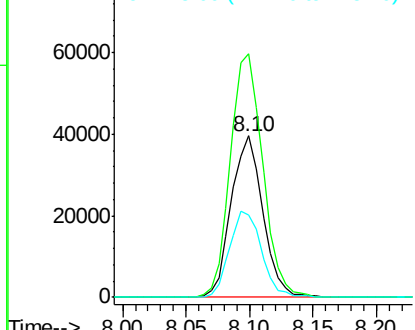
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68548
Ion Ratio Lower Upper
152 100
150 150.7 126.6 189.8
115 50.6 53.0 79.4#



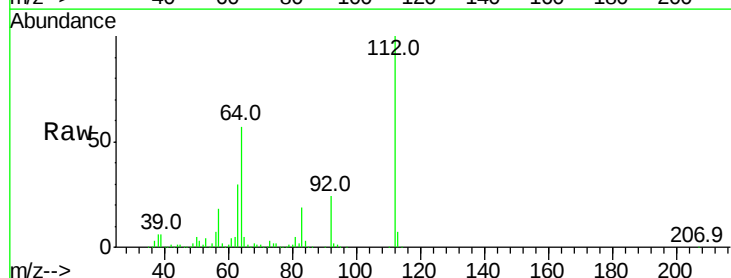
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



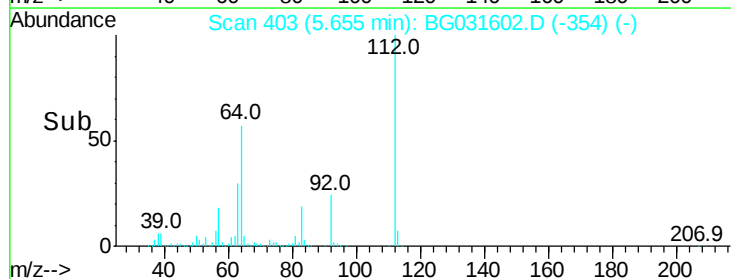
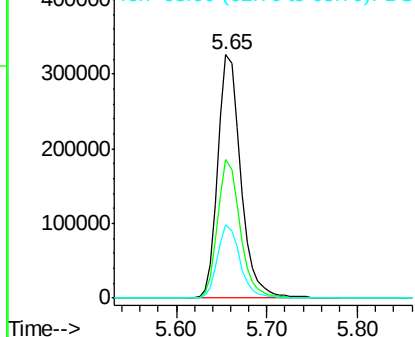
#5

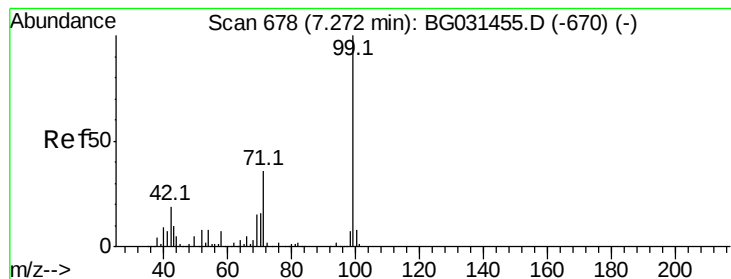
2-Fluorophenol
Concen: 147.935 ng
RT: 5.65 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:112 Resp: 572103
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 30.3 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: 138.925 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031602.D

Acq: 15 Dec 2017 23:58

Instrument :

BNA_G

ClientSampled :

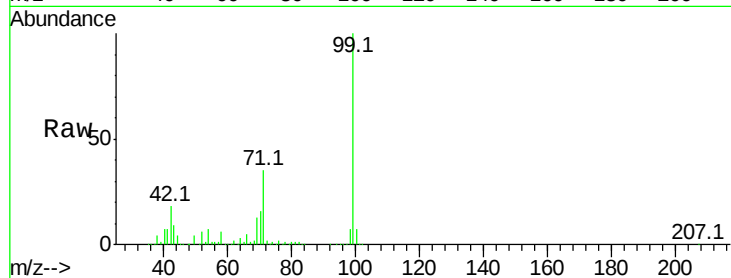
Tot Ion: 99 Resp: 745841

Ion Ratio Lower Upper

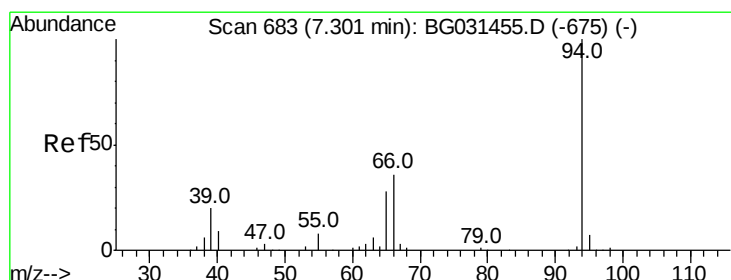
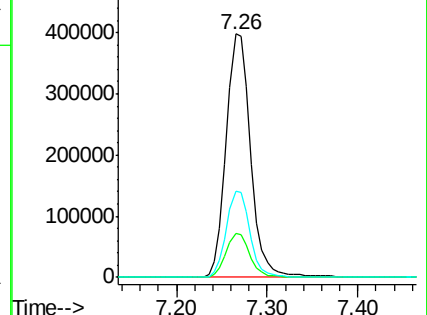
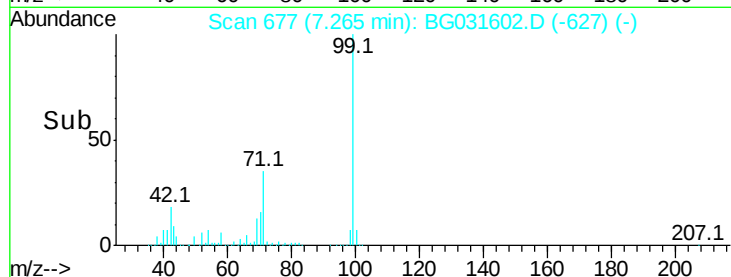
99 100

42 18.3 14.1 21.1

71 35.3 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: 4.829 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031602.D

Acq: 15 Dec 2017 23:58

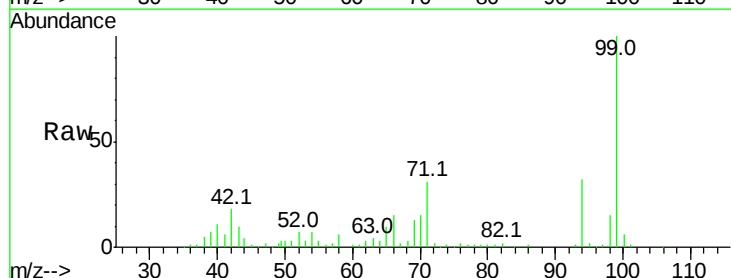
Tgt Ion: 94 Resp: 26632

Ion Ratio Lower Upper

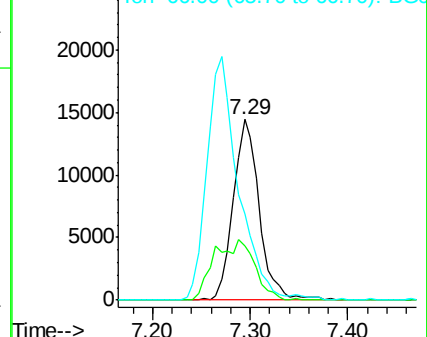
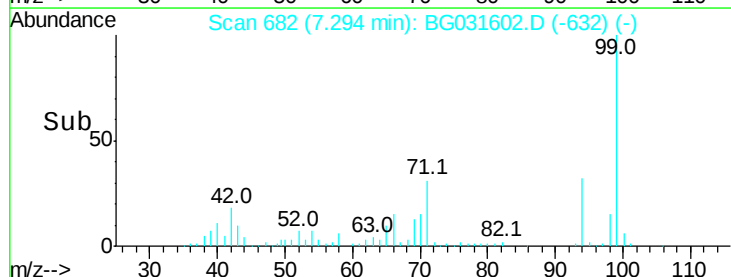
94 100

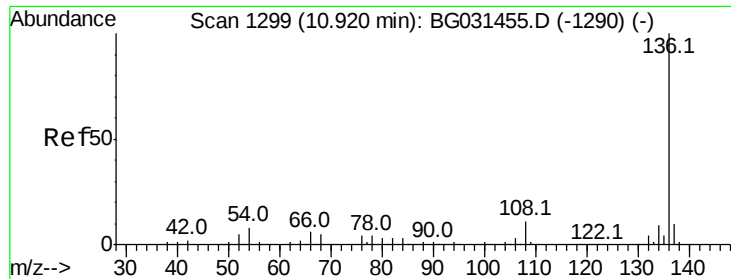
65 30.2 11.9 51.9

66 48.0 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

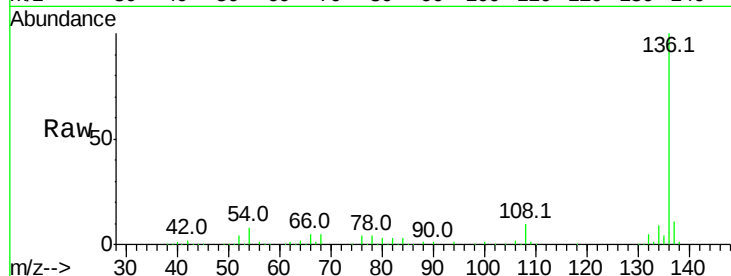




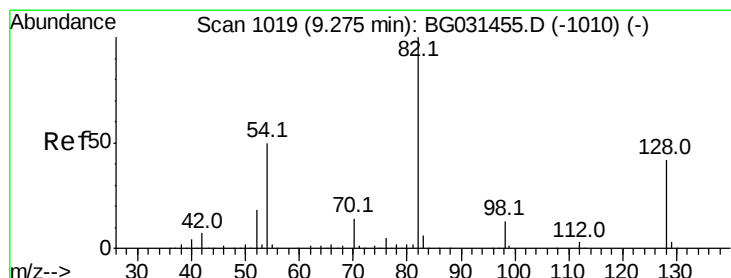
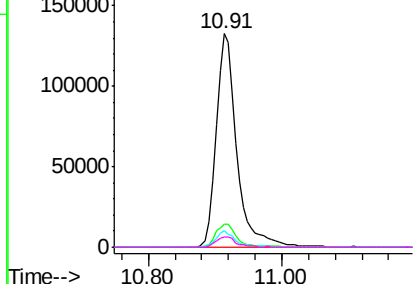
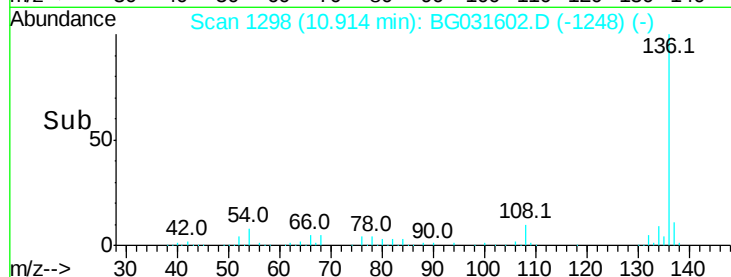
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	287910
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.7	10.3	15.5#
68	5.1	4.5	6.7

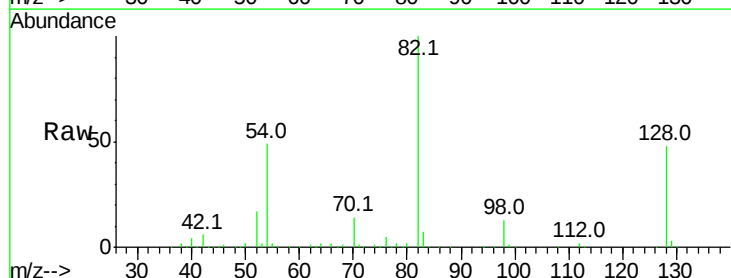


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

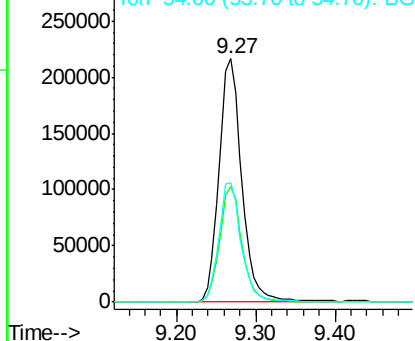
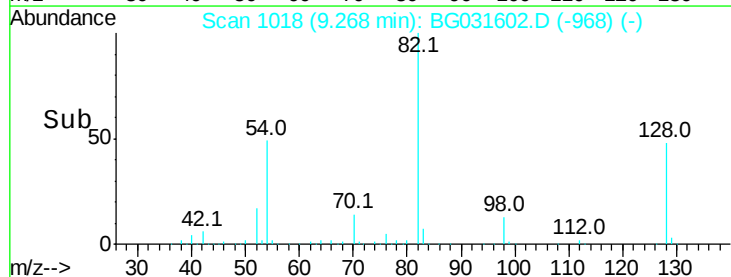


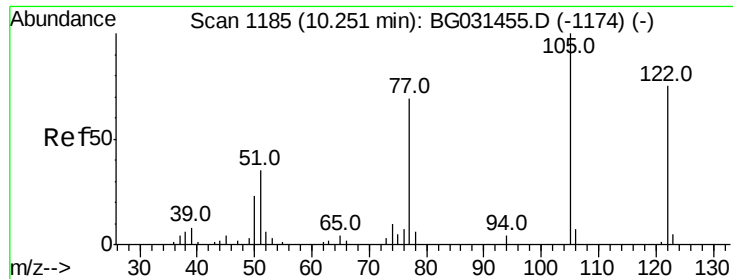
#23
Nitrobenzene-d5
Concen: 92.621 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:	82	Resp:	432640
Ion	Ratio	Lower	Upper
82	100		
128	47.7	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

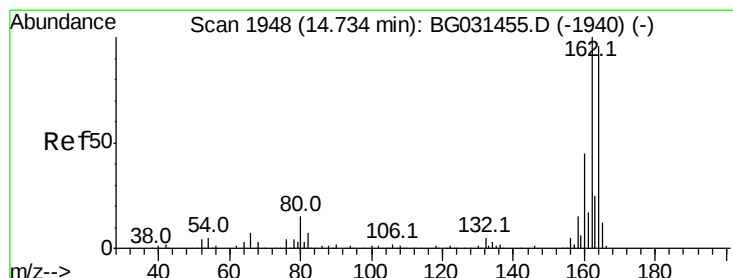
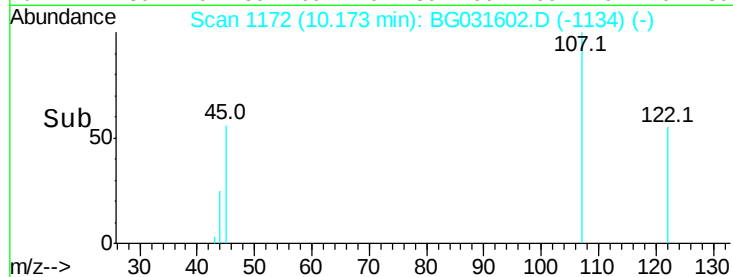
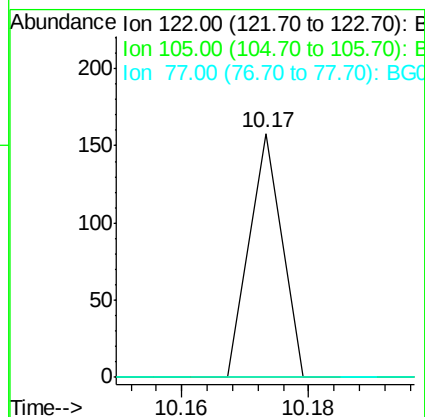
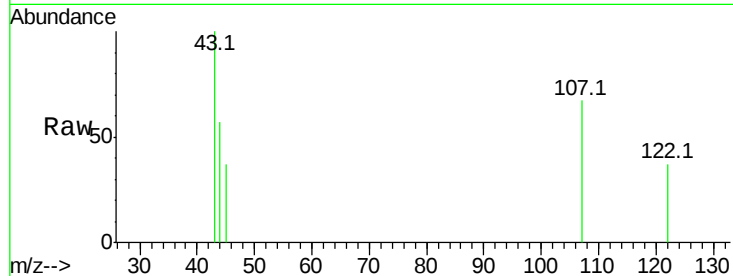




#32
Benzoic acid
Concen: 6.981 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.08 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

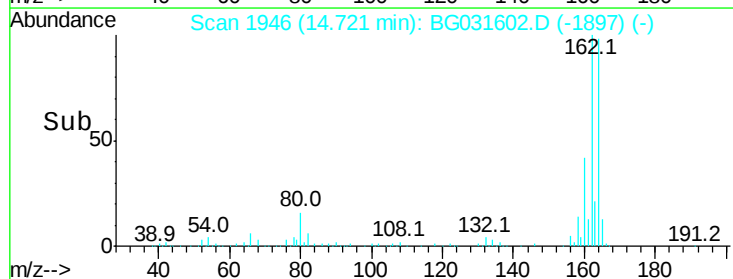
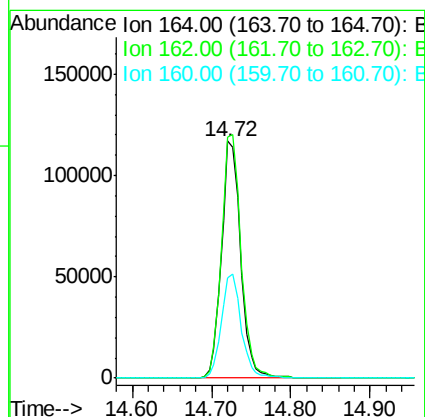
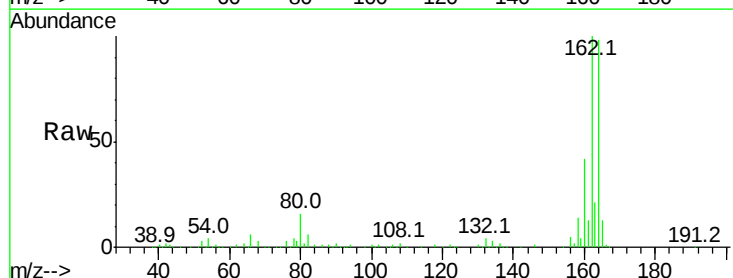
Instrument :
BNA_G
ClientSampleId :

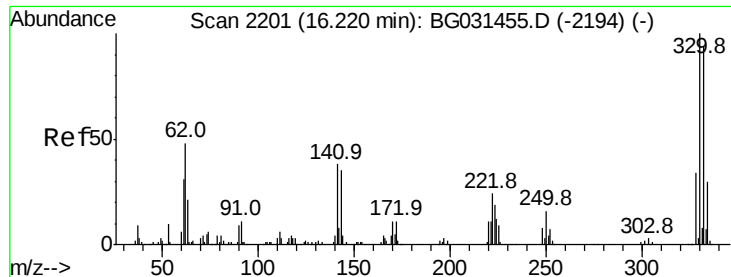
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	42.5	35.4	53.0

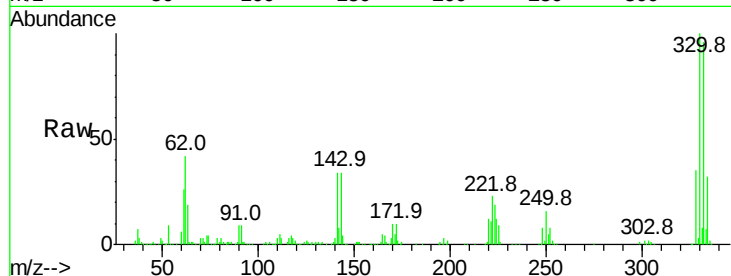




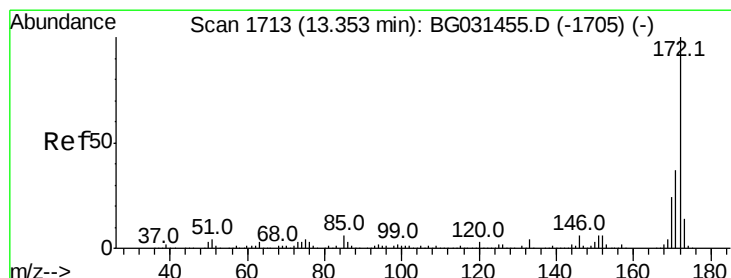
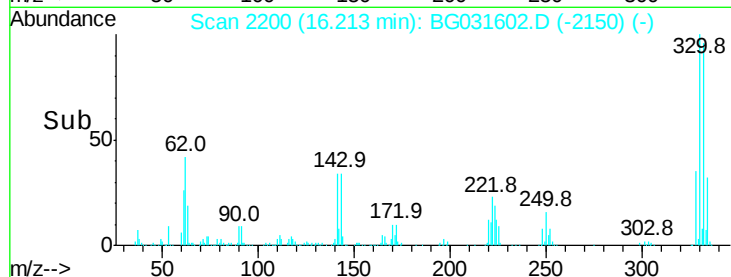
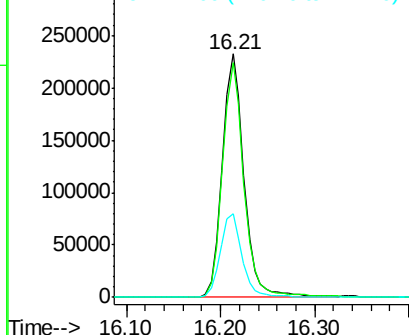
#41
 2,4,6-Tribromophenol
 Concen: 163.118 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031602.D
 Acq: 15 Dec 2017 23:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.6	25.2	37.8

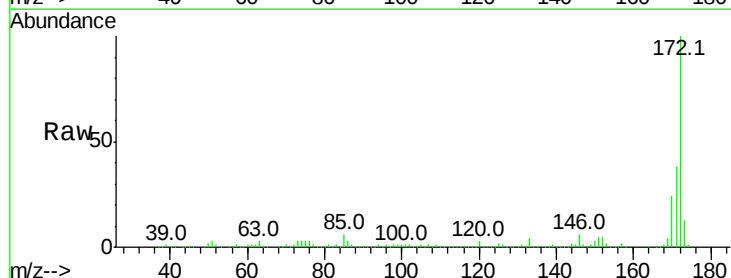


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

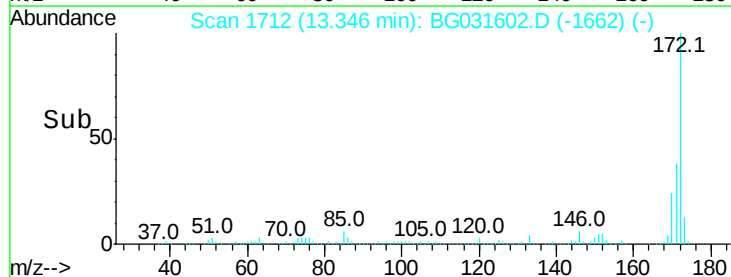
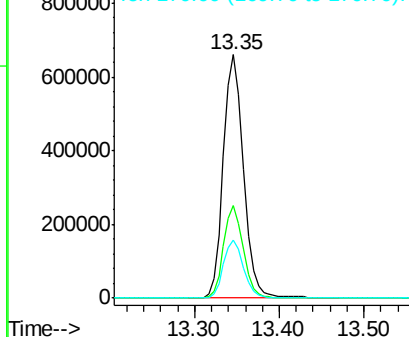


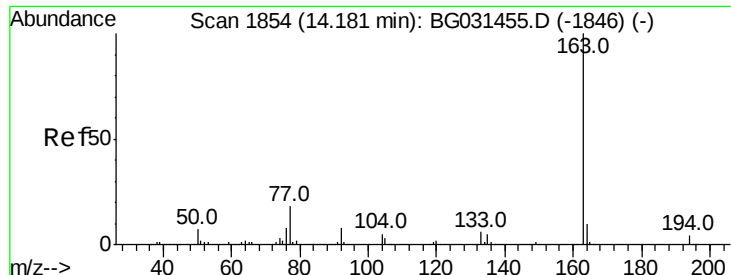
#44
 2-Fluorobiphenyl
 Concen: 81.742 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031602.D
 Acq: 15 Dec 2017 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.8	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





#49

Dimethylphthalate

Concen: 5.571 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG031602.D

Acq: 15 Dec 2017 23:58

Instrument :

BNA_G

ClientSampleId :

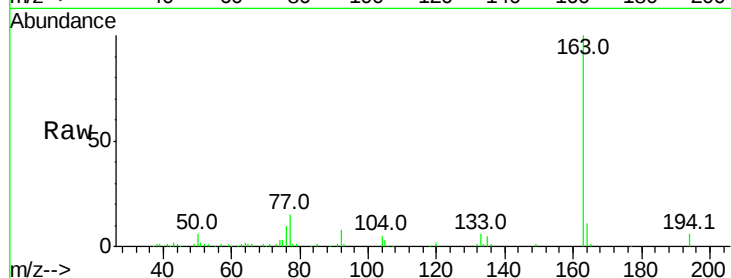
Tot Ion:163 Resp: 90550

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

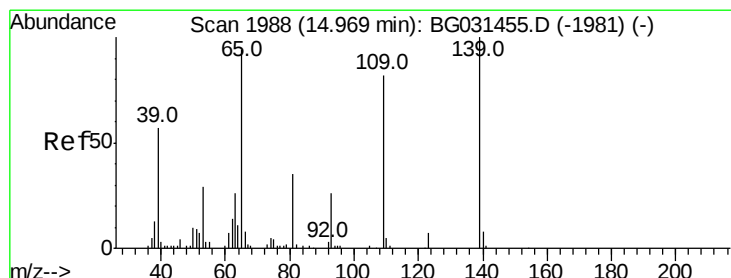
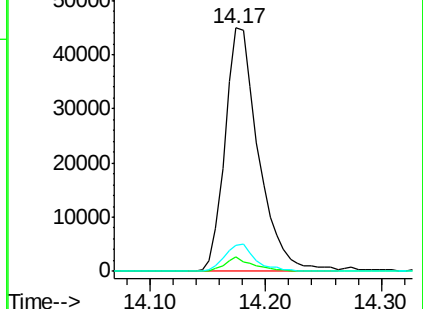
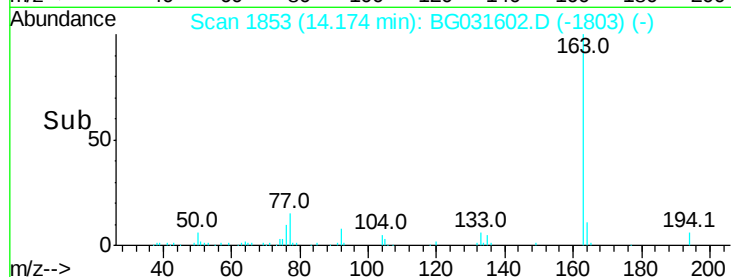
164 10.8 8.2 12.4



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



#55

4-Nitrophenol

Concen: 3.625 ng

RT: 15.15 min Scan# 2019

Delta R.T. 0.18 min

Lab File: BG031602.D

Acq: 15 Dec 2017 23:58

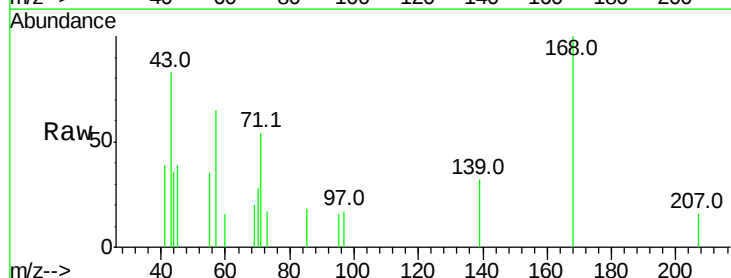
Tgt Ion:139 Resp: 208

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

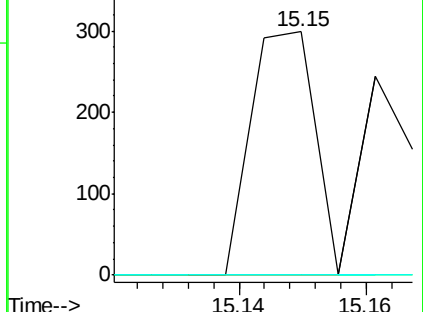
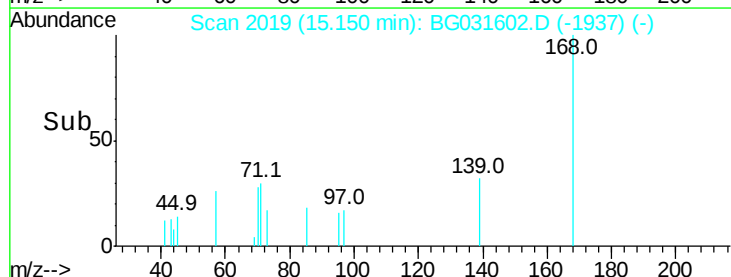
65 0.0 97.2 137.2#

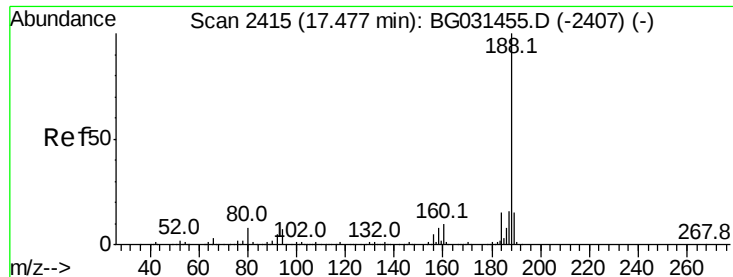


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

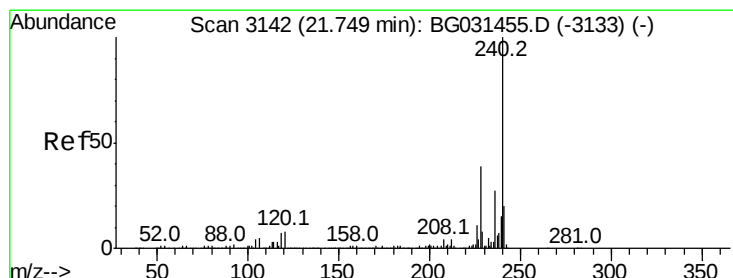
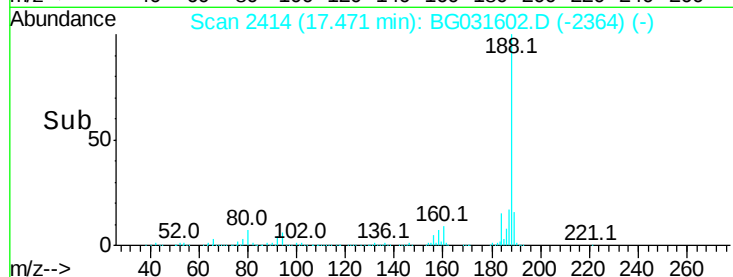
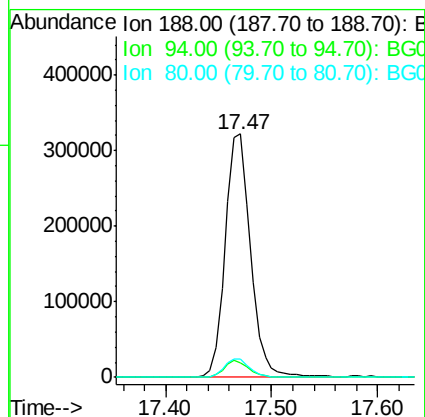
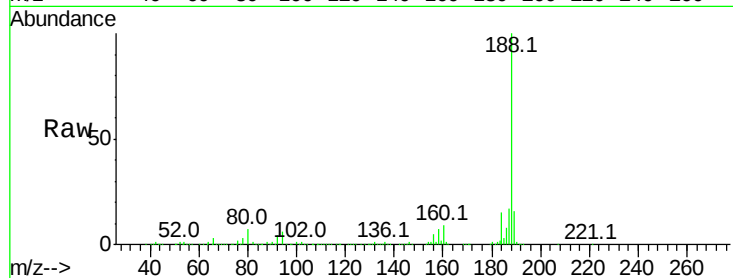




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

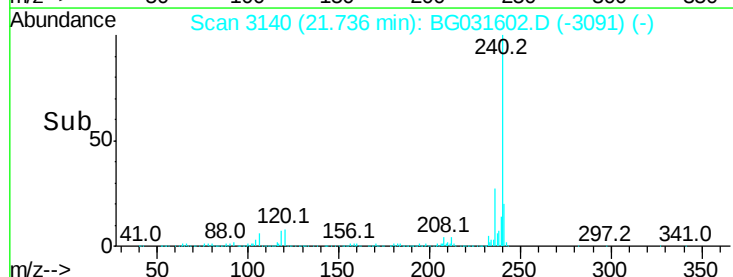
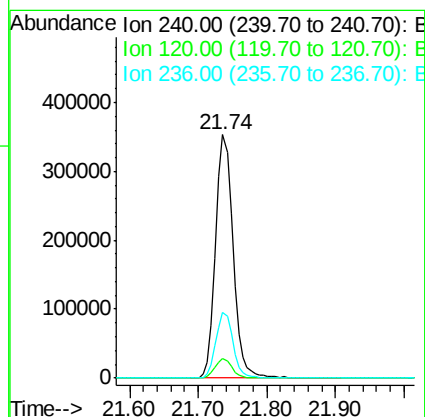
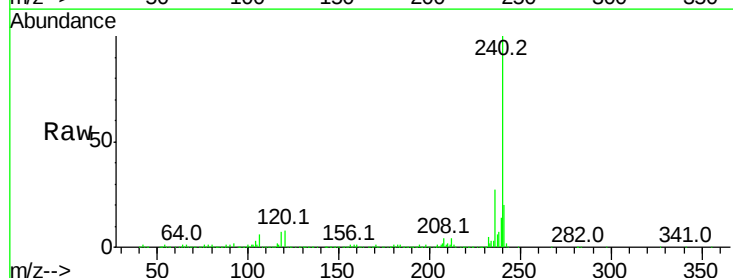
Instrument :
BNA_G
ClientSampleId :

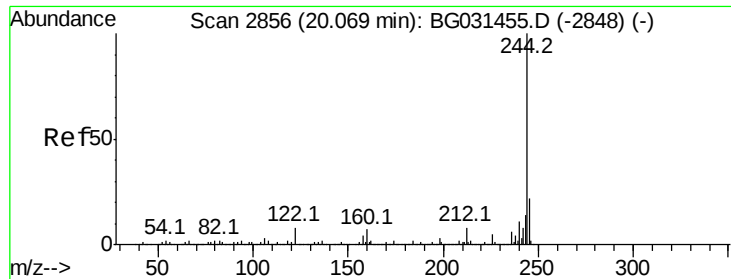
Tot Ion:188 Resp: 536048
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:240 Resp: 626271
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 27.2 20.9 31.3





#78

Terphenyl-d14

Concen: 76.364 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031602.D

Acq: 15 Dec 2017 23:58

Instrument :

BNA_G

ClientSampleId :

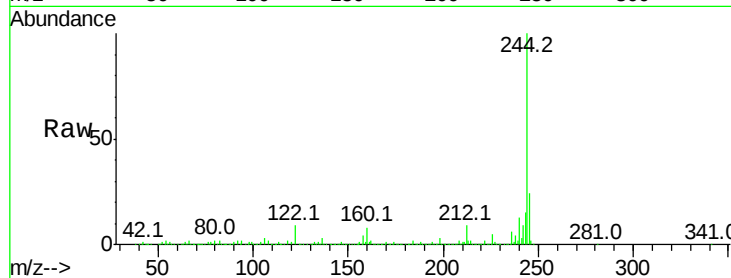
Tot Ion:244 Resp: 2102019

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

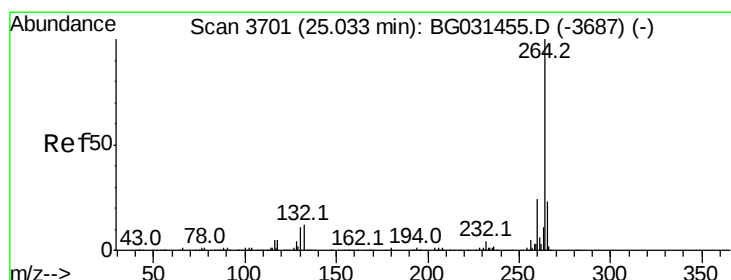
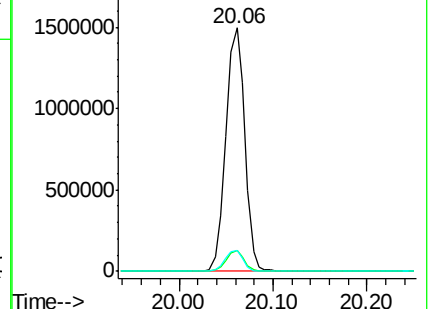
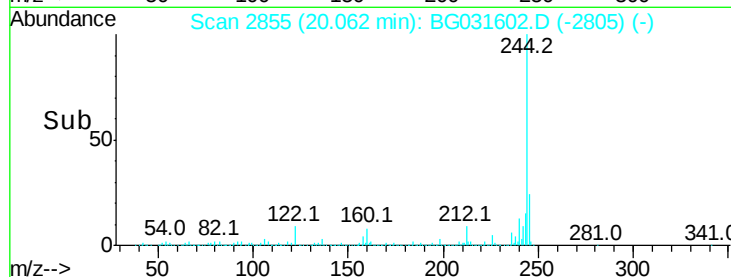
122 8.7 7.0 10.4



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: 20.000 ng

RT: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031602.D

Acq: 15 Dec 2017 23:58

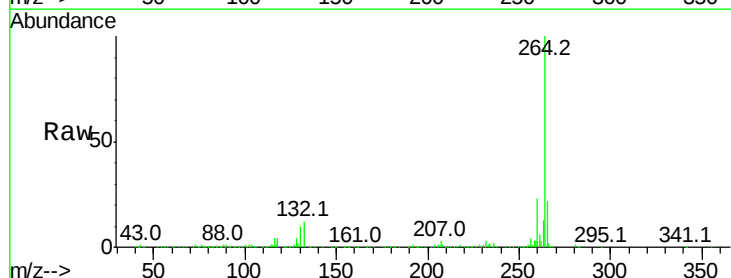
Tgt Ion:264 Resp: 535641

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.5 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

