

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031572.D
 Acq On : 14 Dec 2017 23:33
 Operator : SJ/JU
 Sample : I6888-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 03:17:12 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

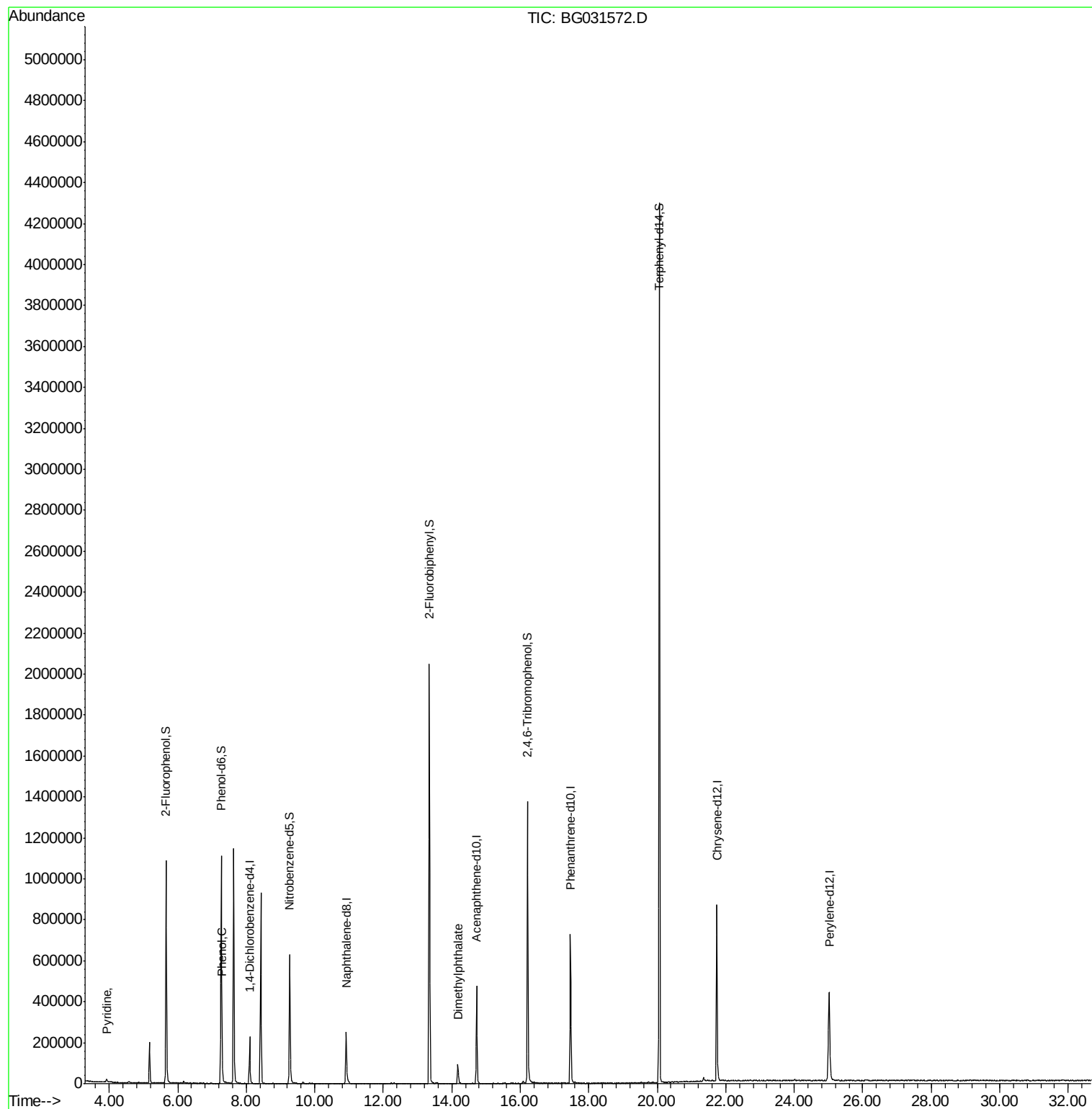
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	71335	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	285667	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	190460	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	511537	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	606415	20.00	ng	-0.01
86) Perylene-d12	25.02	264	523979	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	557271	138.47	ng	-0.01
7) Phenol-d6	7.27	99	721440	129.13	ng	0.00
23) Nitrobenzene-d5	9.27	82	428409	92.44	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	299554	134.25	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1193229	91.96	ng	0.00
78) Terphenyl-d14	20.06	244	2095558	78.62	ng	0.00
Target Compounds						
3) Pyridine	3.92	79	12760	2.524	ng	Qvalue # 84
10) Phenol	7.29	94	33173	5.780	ng	95
49) Dimethylphthalate	14.17	163	95146	6.034	ng	99

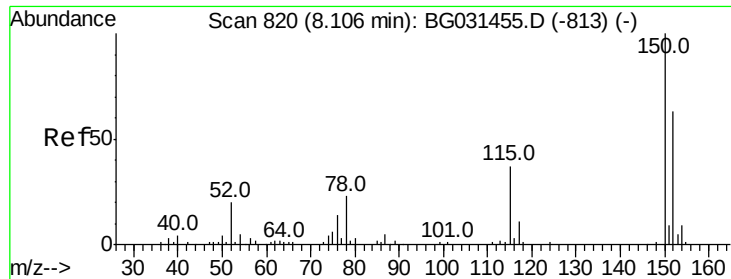
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 15 03:17:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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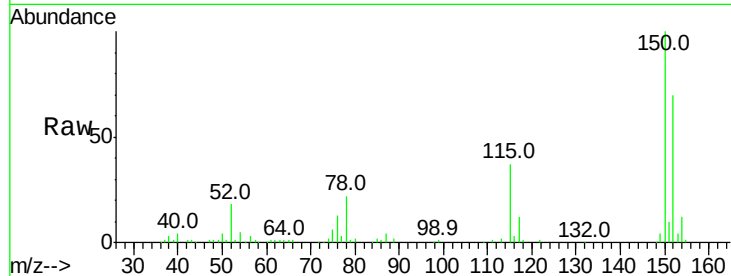


#1

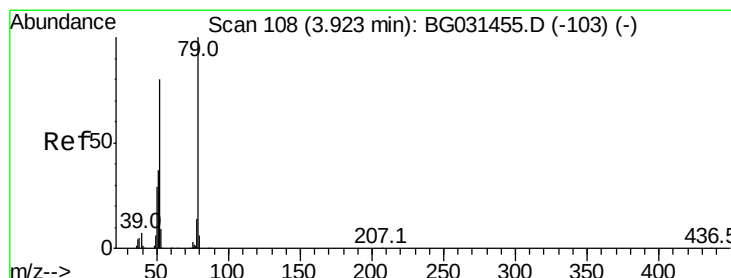
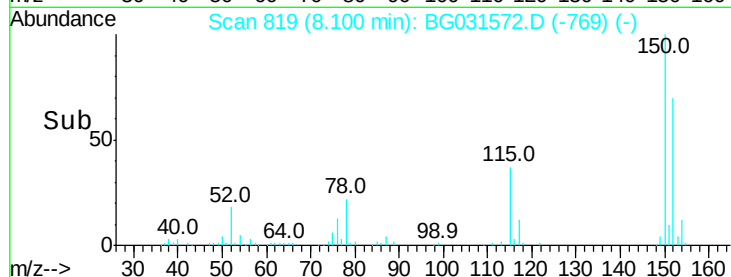
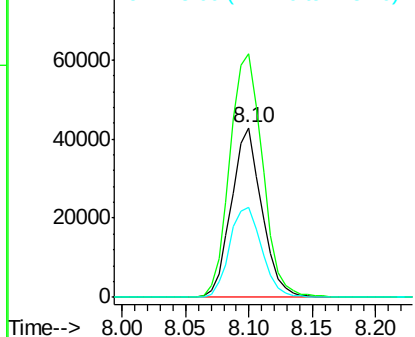
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 71335
 Ion Ratio Lower Upper
 152 100
 150 143.7 126.6 189.8
 115 52.8 53.0 79.4#



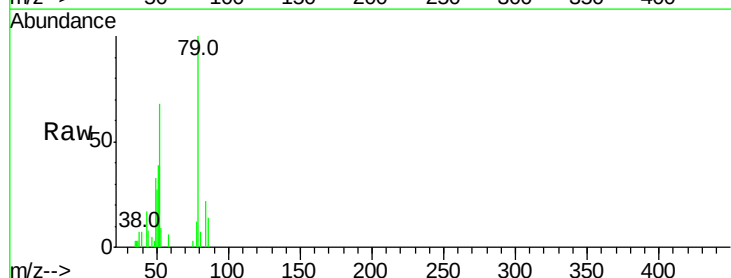
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



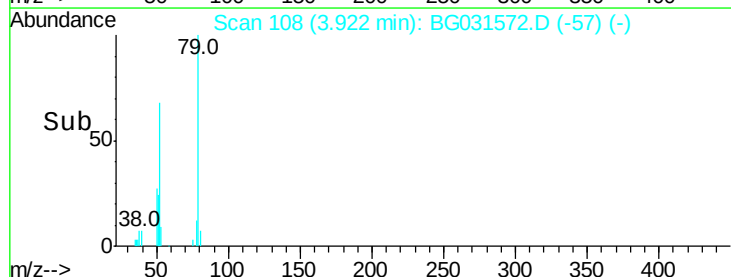
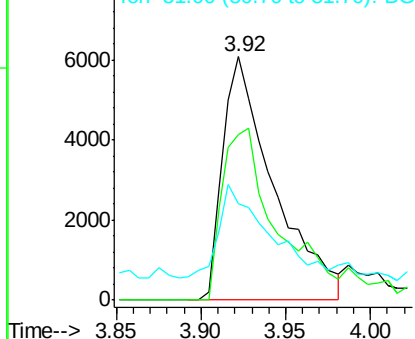
#3

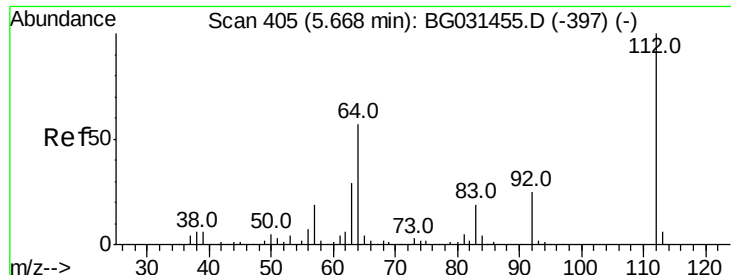
Pyridine
 Concen: 2.524 ng
 RT: 3.92 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

Tgt Ion: 79 Resp: 12760
 Ion Ratio Lower Upper
 79 100
 52 68.0 69.9 104.9#
 51 39.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 138.470 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

Instrument :

BNA_G

ClientSampleId :

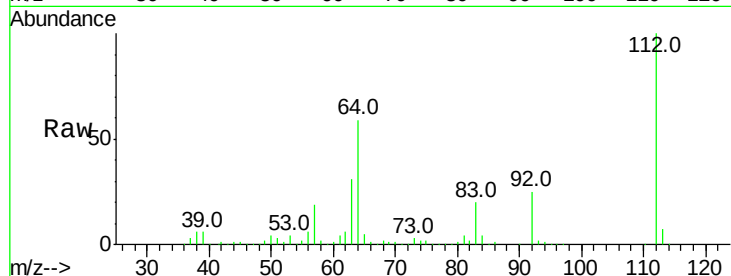
Tot Ion:112 Resp: 557271

Ion Ratio Lower Upper

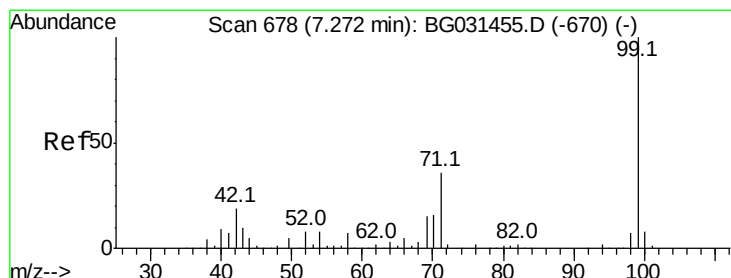
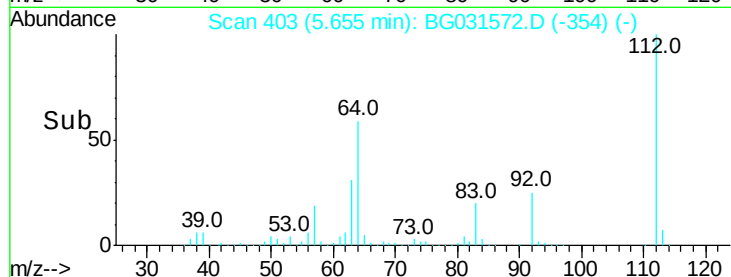
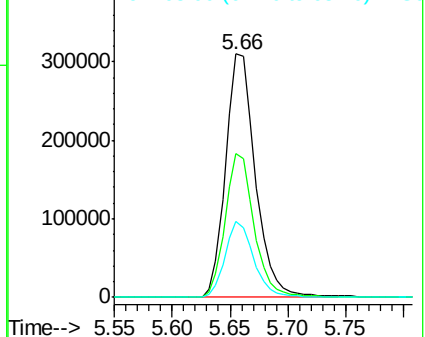
112 100

64 58.8 56.3 84.5

63 31.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 129.130 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

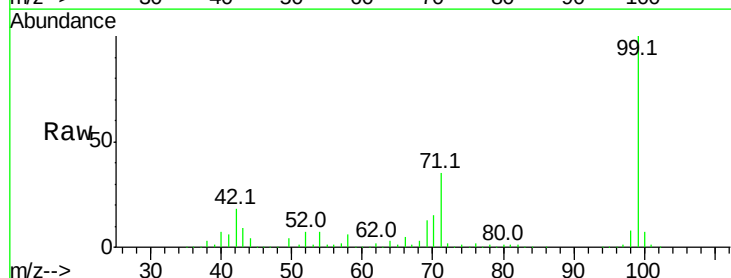
Tgt Ion: 99 Resp: 721440

Ion Ratio Lower Upper

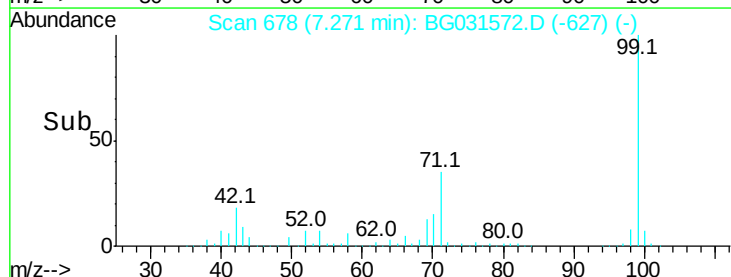
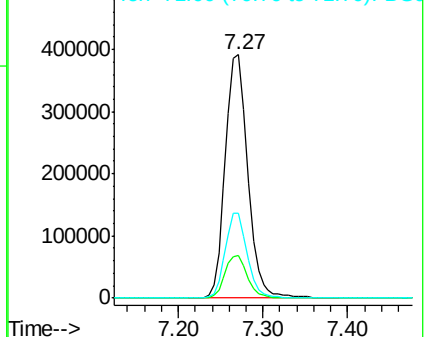
99 100

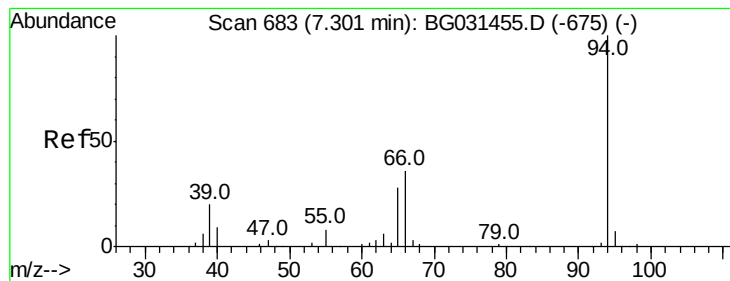
42 17.8 14.1 21.1

71 34.6 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: 5.780 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

Instrument :

BNA_G

ClientSampleId :

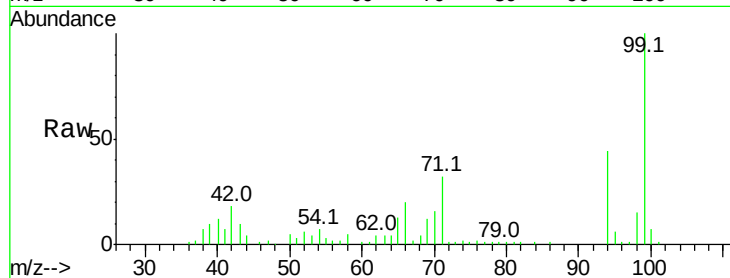
Tot Ion: 94 Resp: 33173

Ion Ratio Lower Upper

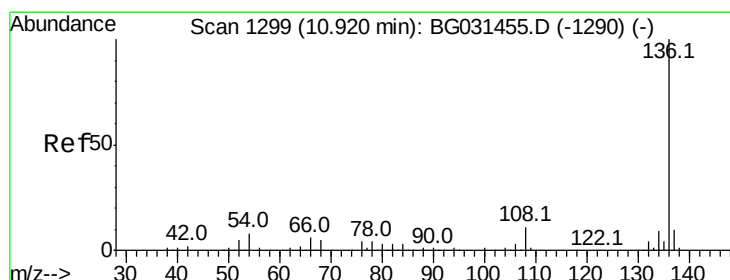
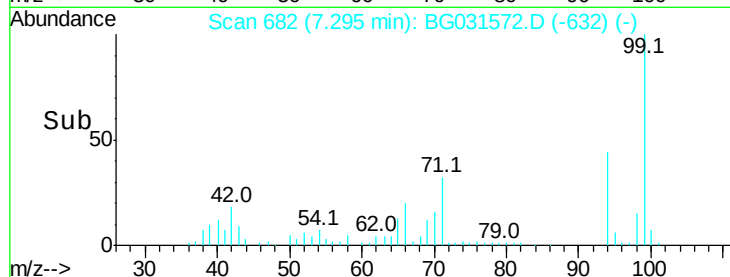
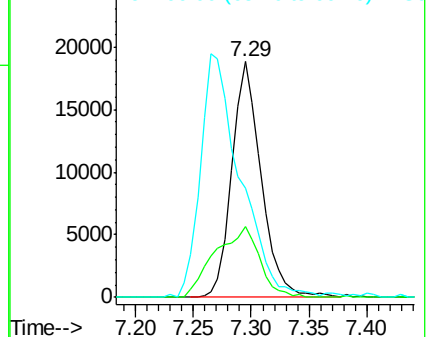
94 100

65 30.2 11.9 51.9

66 46.6 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: BG031572.D

Acq: 14 Dec 2017 23:33

Tgt Ion: 136 Resp: 285667

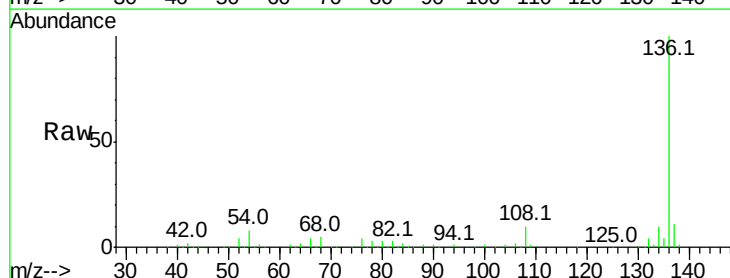
Ion Ratio Lower Upper

136 100

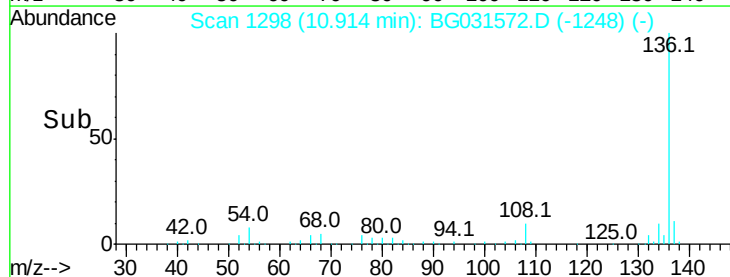
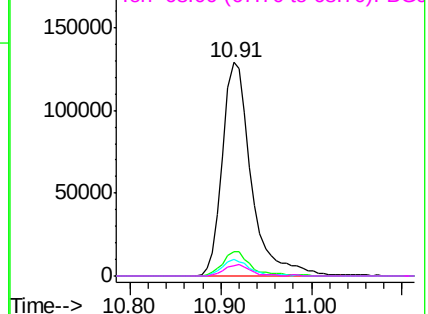
137 11.3 9.2 13.8

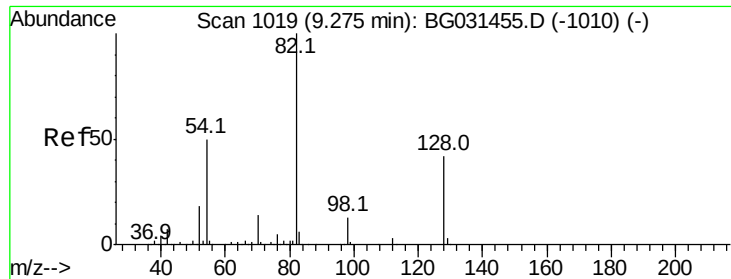
54 7.6 10.3 15.5#

68 4.6 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

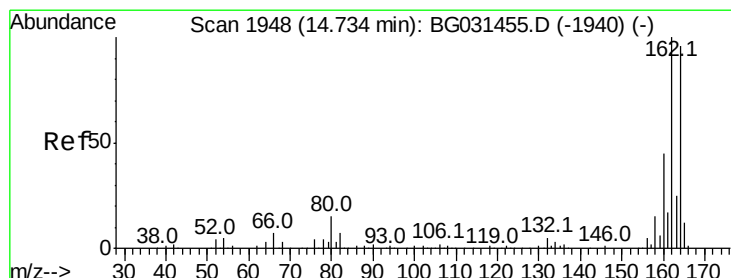
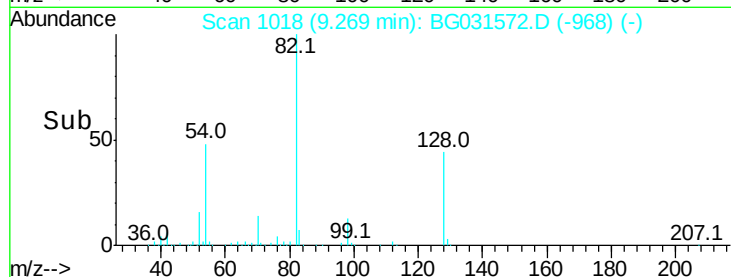
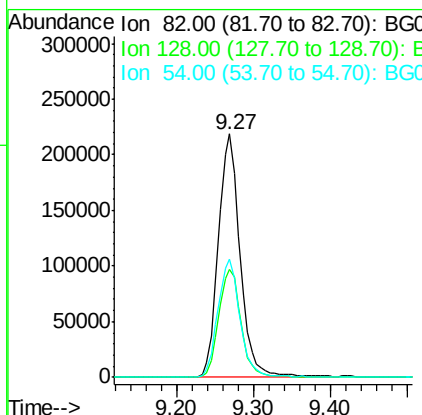
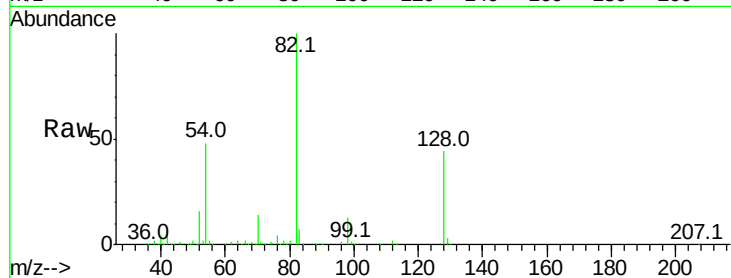




#23
 Nitrobenzene-d5
 Concen: 92.435 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

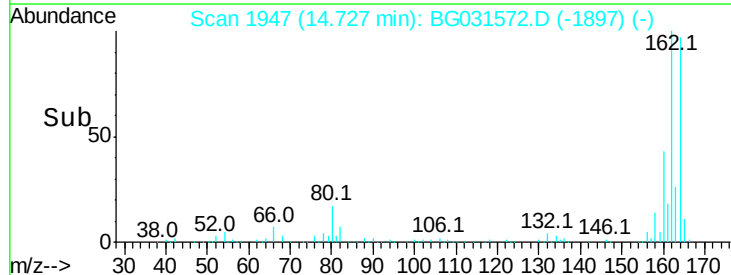
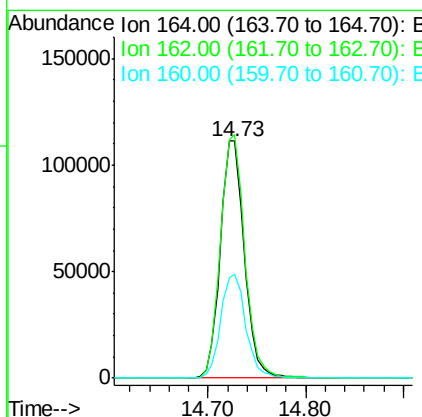
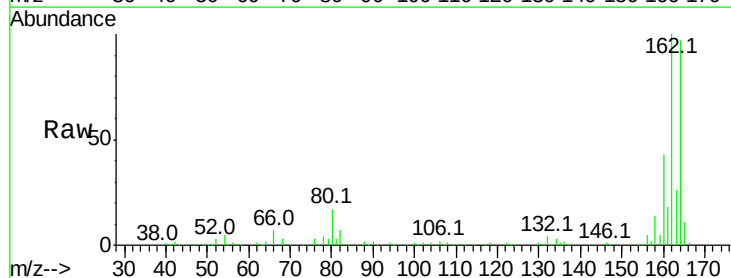
Instrument :
 BNA_G
 ClientSampled :

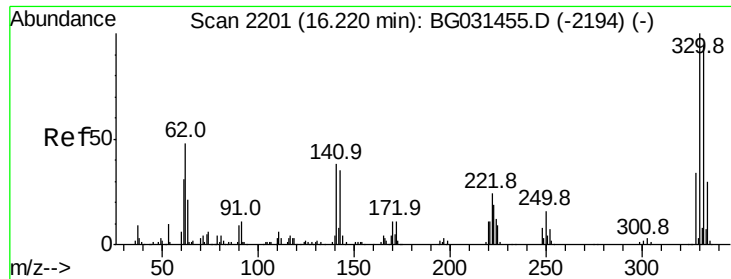
Tot Ion	82	Resp	428409
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	48.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

Tgt Ion	164	Resp	190460
Ion Ratio	Lower	Upper	
164	100		
162	102.7	78.8	118.2
160	43.9	35.4	53.0

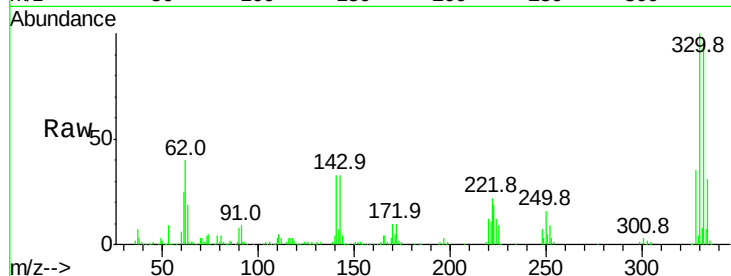




#41
 2,4,6-Tribromophenol
 Concen: 134.250 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.3	25.2	37.8

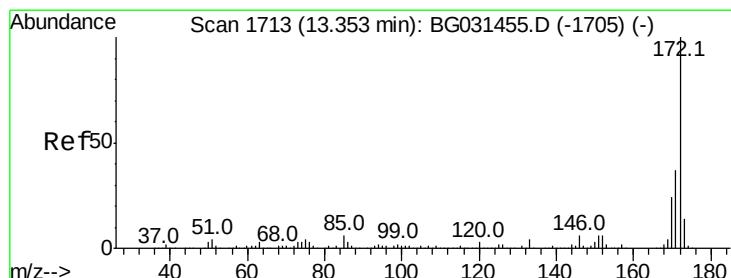
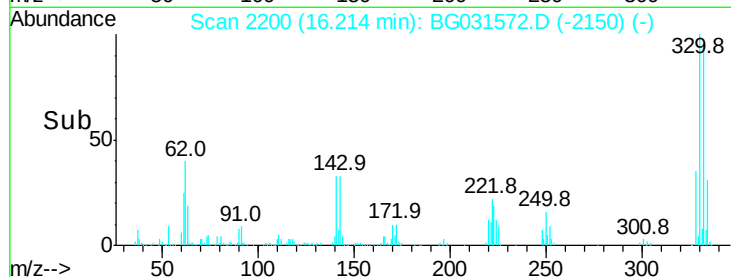
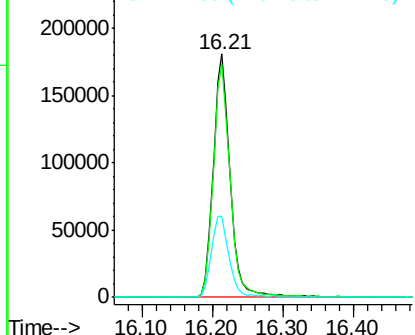


Abundance

Ion 329.80 (329.50 to 330.50): E

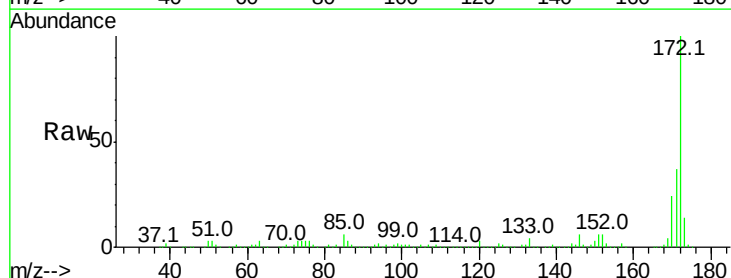
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.962 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.0	19.5	29.3

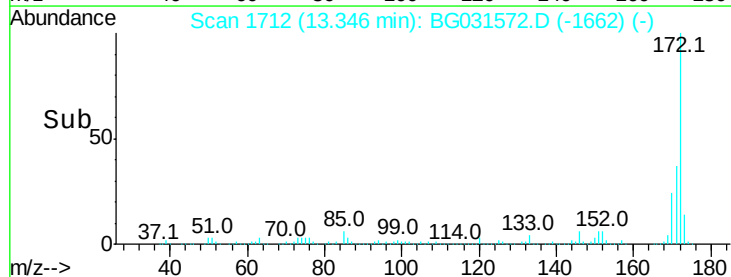
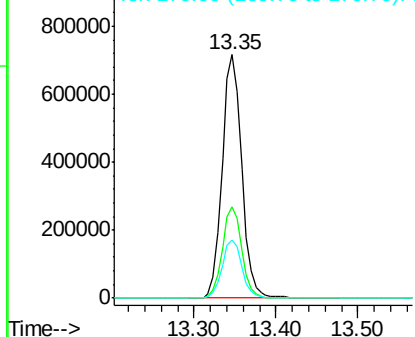


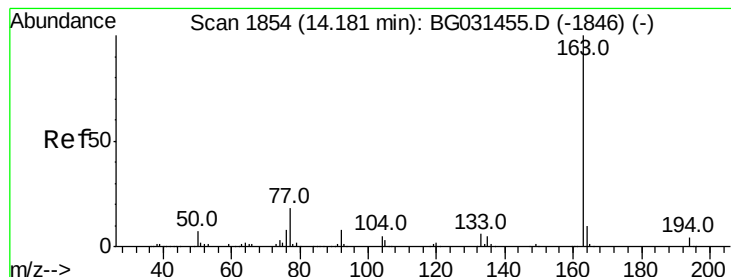
Abundance

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: 6.034 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

Instrument :

BNA_G

ClientSampleId :

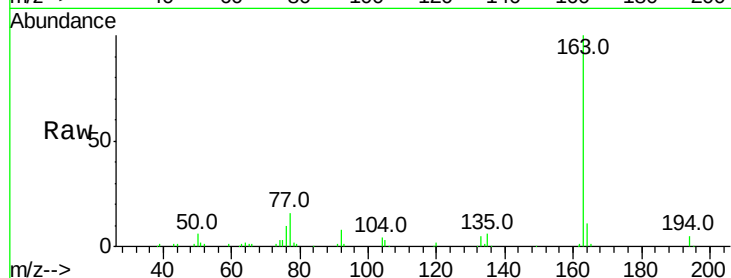
Tot Ion:163 Resp: 95146

Ion Ratio Lower Upper

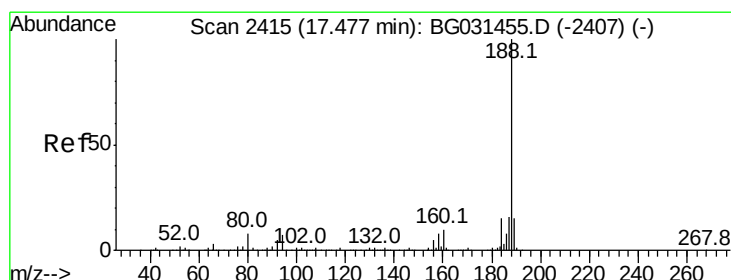
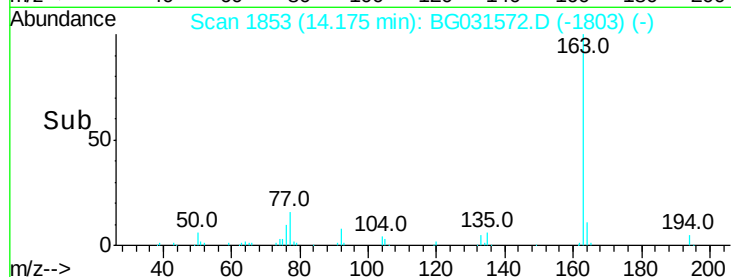
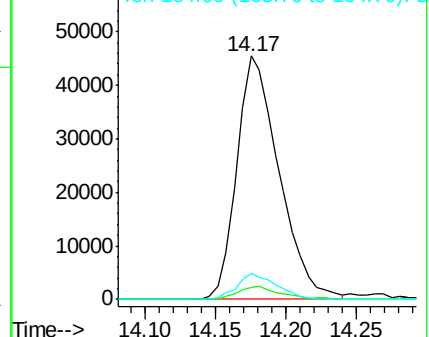
163 100

194 4.9 3.4 5.2

164 10.7 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

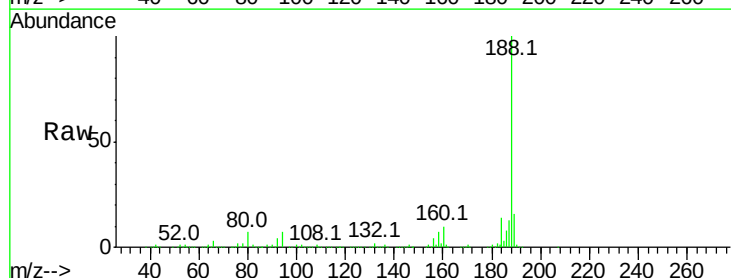
Tgt Ion:188 Resp: 511537

Ion Ratio Lower Upper

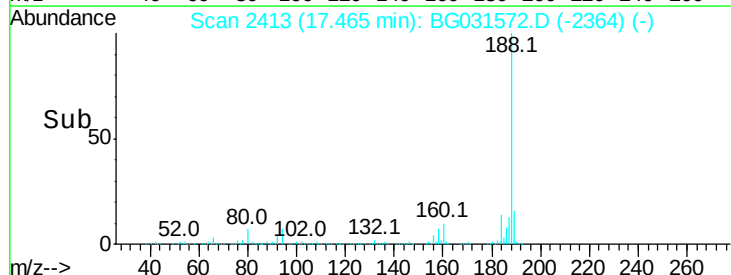
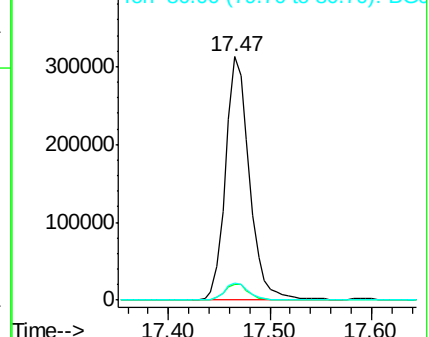
188 100

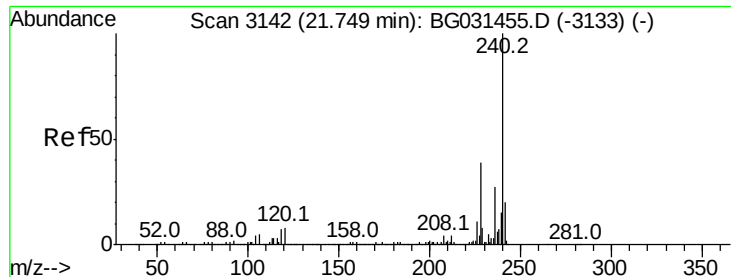
94 6.6 6.9 10.3#

80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

Instrument :

BNA_G

ClientSampleId :

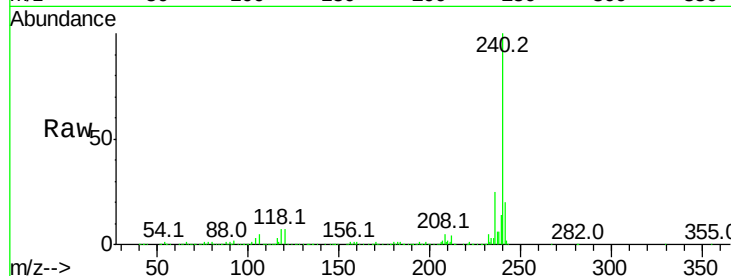
Tot Ion:240 Resp: 606415

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

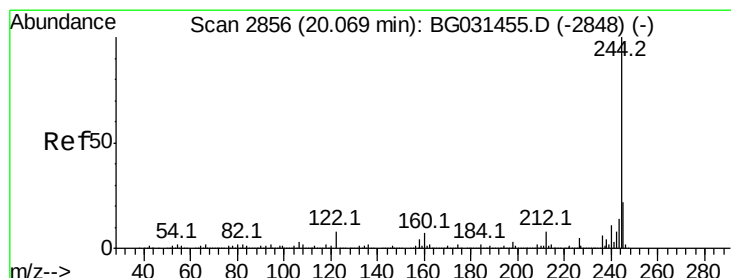
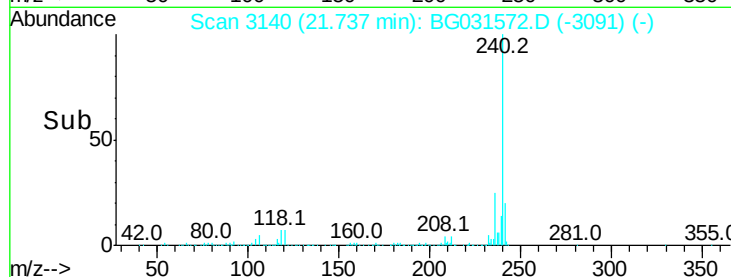
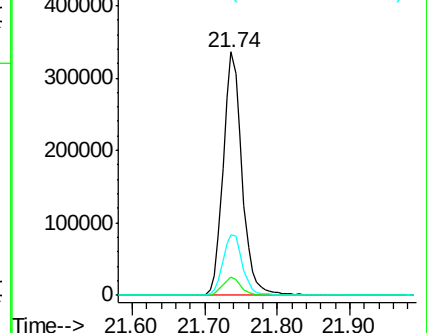
236 24.8 20.9 31.3



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: 78.622 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031572.D

Acq: 14 Dec 2017 23:33

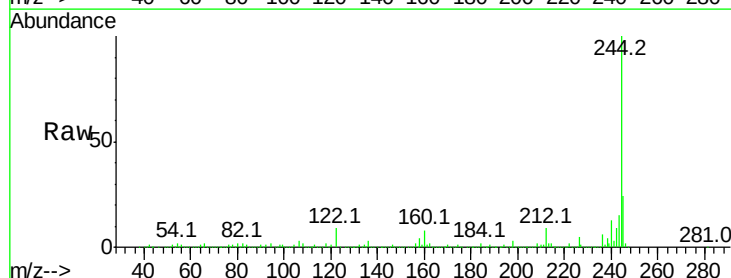
Tgt Ion:244 Resp: 2095558

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

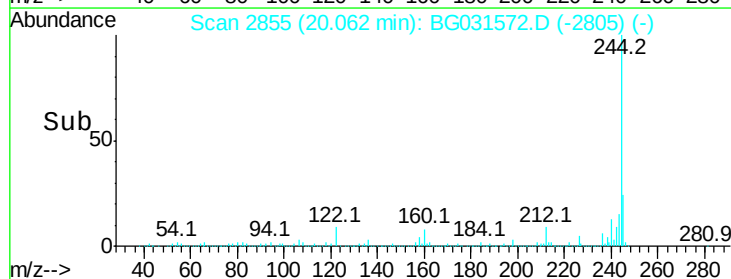
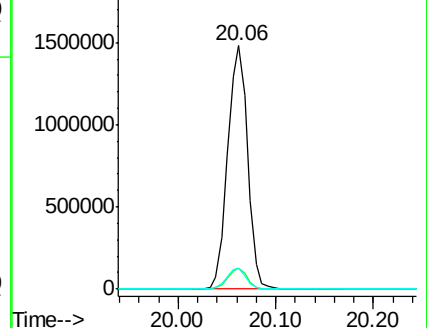
122 8.6 7.0 10.4

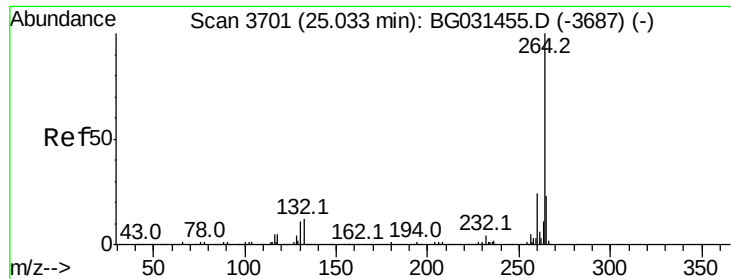


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031572.D
 Acq: 14 Dec 2017 23:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.1	17.7	26.5

