

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038055.D
 Acq On : 17 Nov 2018 5:09
 Operator : JU/SJ
 Sample : J5968-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-111418

Quant Time: Nov 19 05:50:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

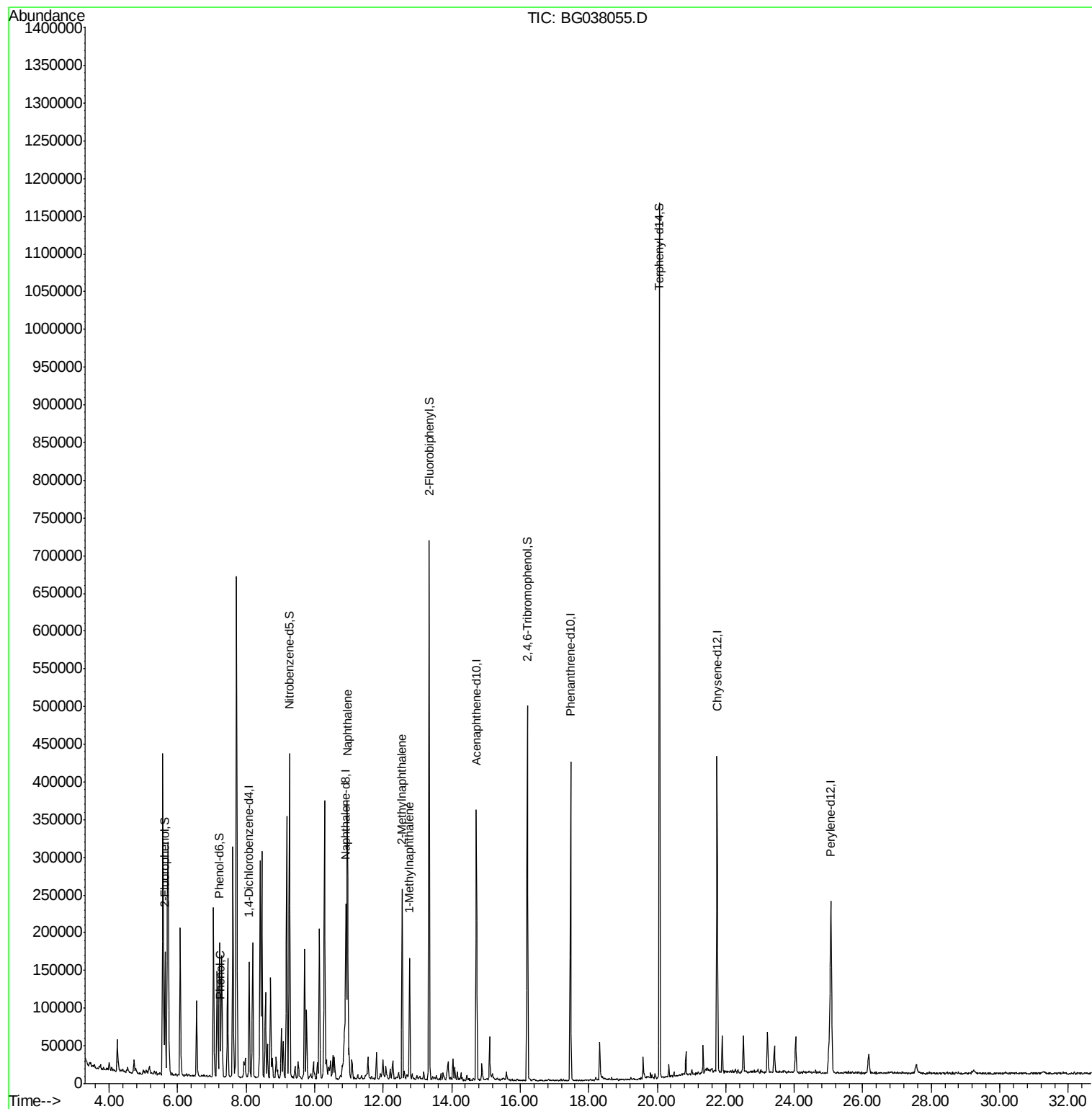
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45586	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	195518	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	122760	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	277541	20.00	ng	0.00
76) Chrysene-d12	21.75	240	252610	20.00	ng	0.00
87) Perylene-d12	25.07	264	257361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	74209	28.11	ng	0.00
7) Phenol-d6	7.23	99	65565	17.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	161915	44.33	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	88330	63.09	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	386484	45.87	ng	0.00
79) Terphenyl-d14	20.07	244	548996	51.14	ng	0.00
Target Compounds						
10) Phenol	7.26	94	13460	3.372	ng	99
31) Naphthalene	10.95	128	310348	32.272	ng	100
37) 2-Methylnaphthalene	12.55	142	126127	18.259	ng	99
38) 1-Methylnaphthalene	12.77	142	73579	11.066	ng	99

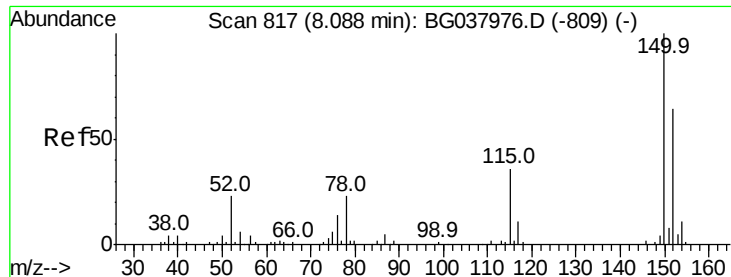
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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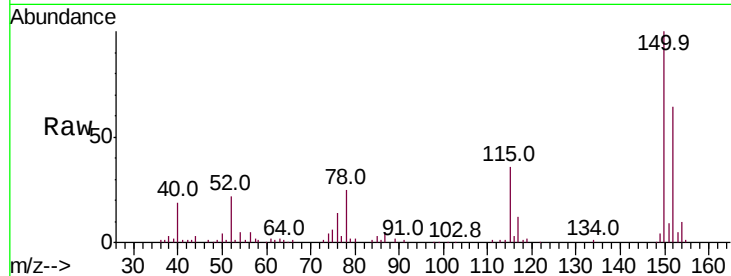


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038055.D
 Acq: 17 Nov 2018 5:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-111418

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.0	189.0
115	55.7	45.5	68.3

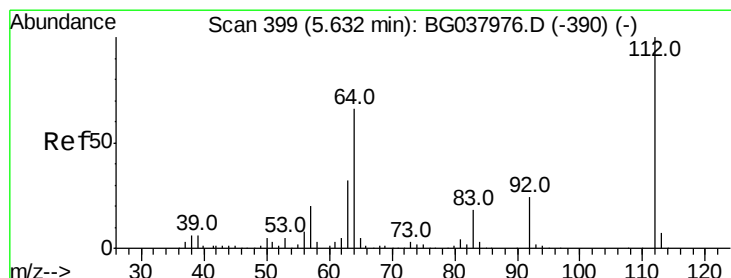
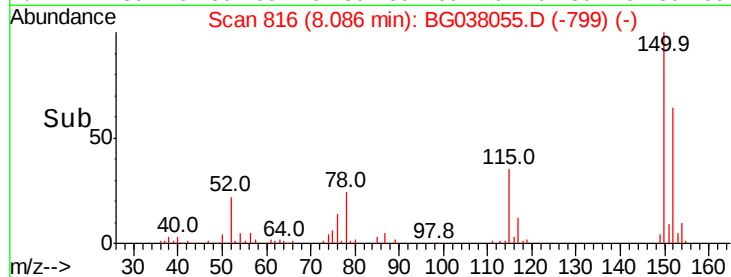
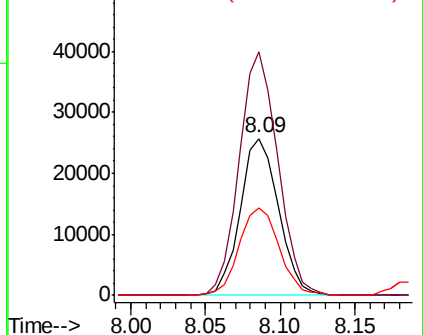


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

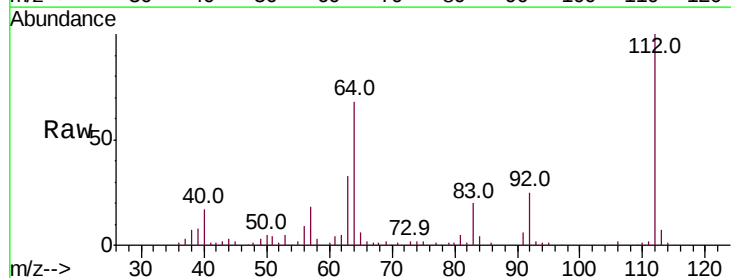
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 28.107 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038055.D
 Acq: 17 Nov 2018 5:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.1	79.7
63	33.4	27.3	40.9

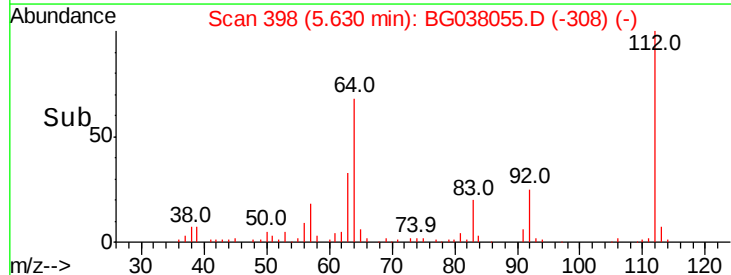
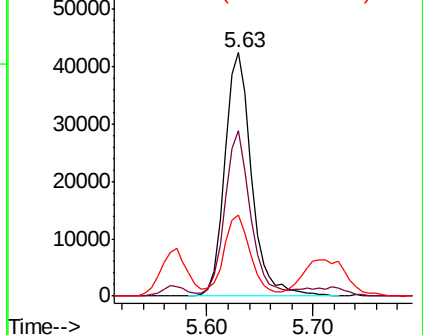


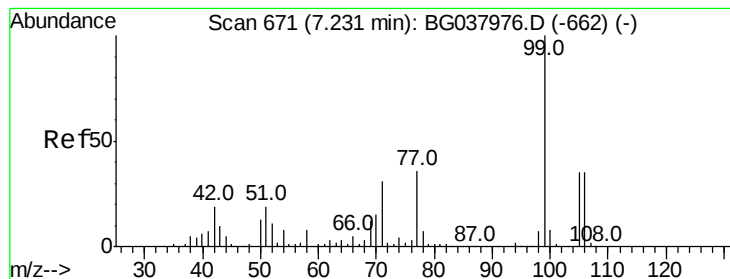
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 17.397 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038055.D

Acq: 17 Nov 2018 5:09

Instrument :

BNA_G

ClientSampleId :

MW-2-111418

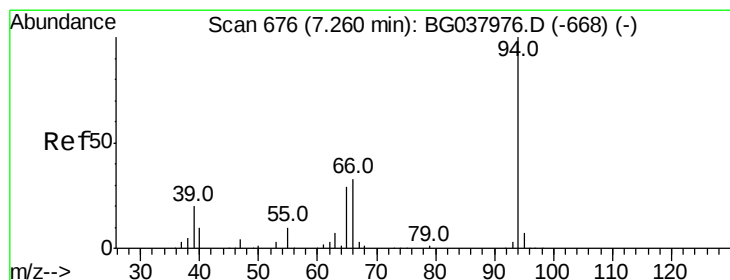
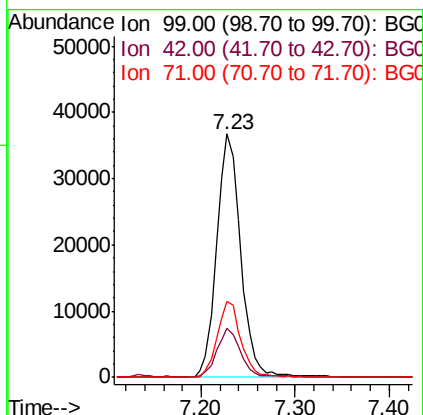
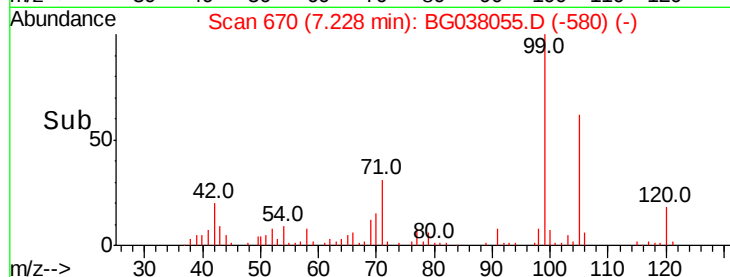
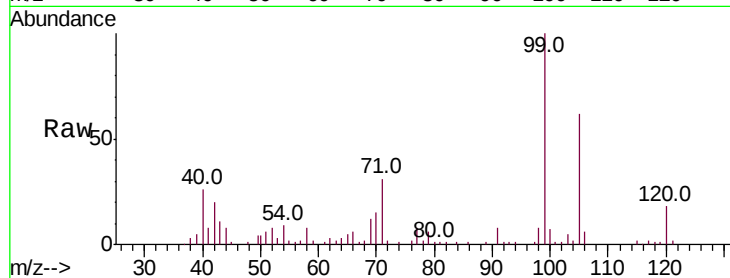
Tot Ion: 99 Resp: 65565

Ion Ratio Lower Upper

99 100

42 19.9 15.0 22.4

71 30.9 25.5 38.3



#10

Phenol

Concen: 3.372 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038055.D

Acq: 17 Nov 2018 5:09

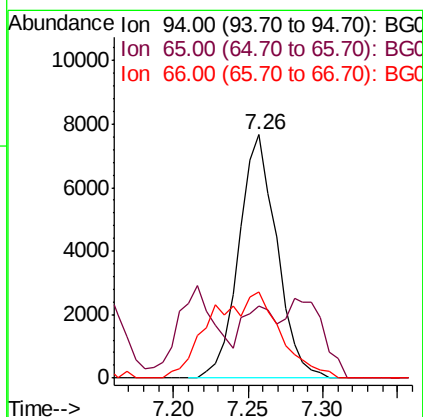
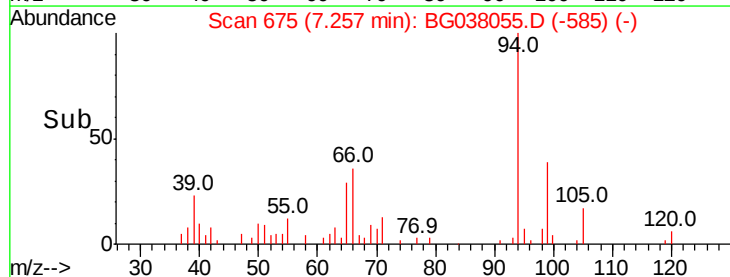
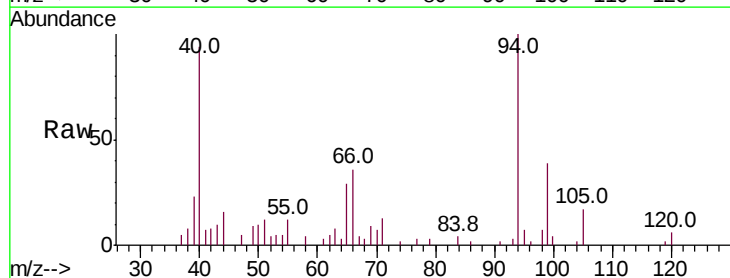
Tgt Ion: 94 Resp: 13460

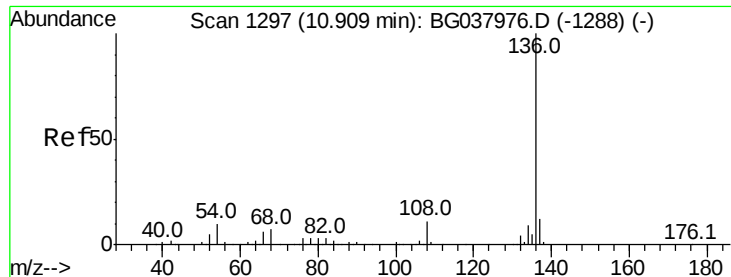
Ion Ratio Lower Upper

94 100

65 29.4 9.7 49.7

66 35.5 15.9 55.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038055.D

Acq: 17 Nov 2018 5:09

Instrument :

BNA_G

ClientSampleId :

MW-2-111418

Tot Ion:136 Resp: 195518

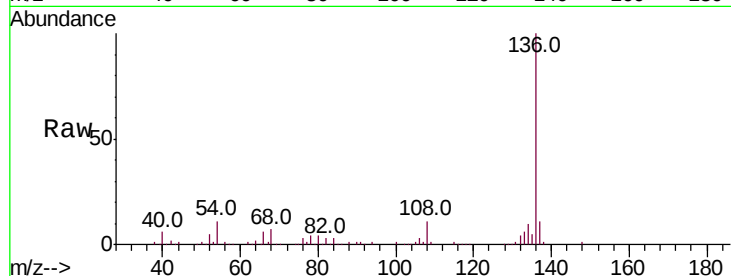
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 11.0 7.9 11.9

68 7.0 4.8 7.2

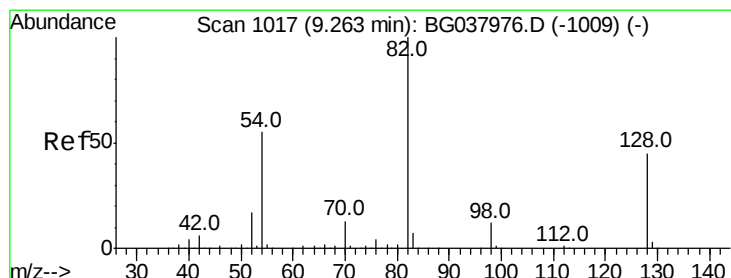
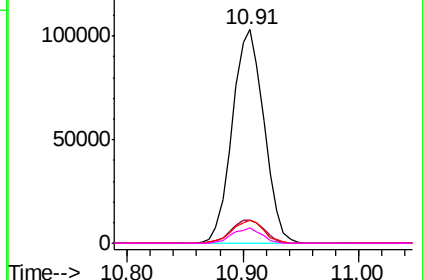
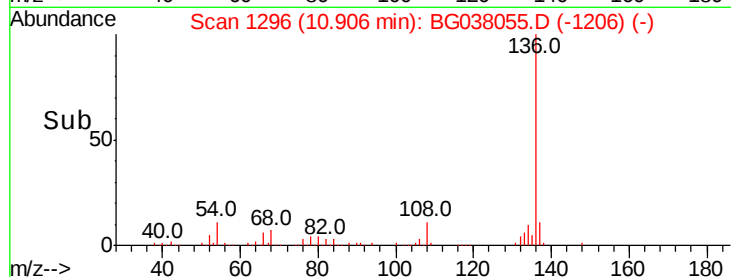


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 44.330 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038055.D

Acq: 17 Nov 2018 5:09

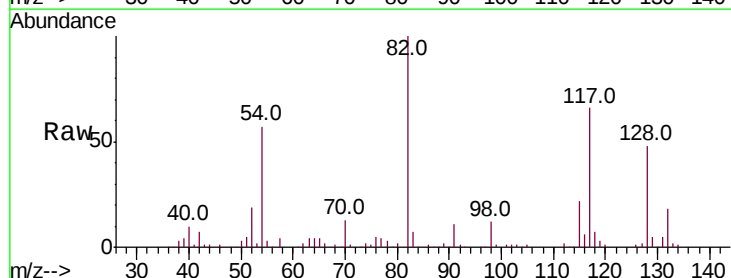
Tgt Ion: 82 Resp: 161915

Ion Ratio Lower Upper

82 100

128 47.7 34.6 51.8

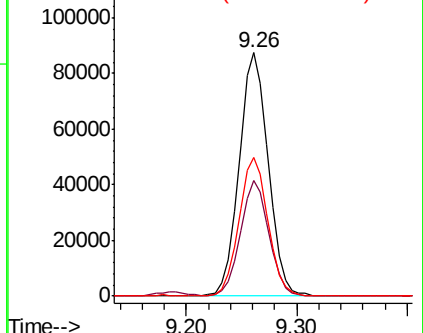
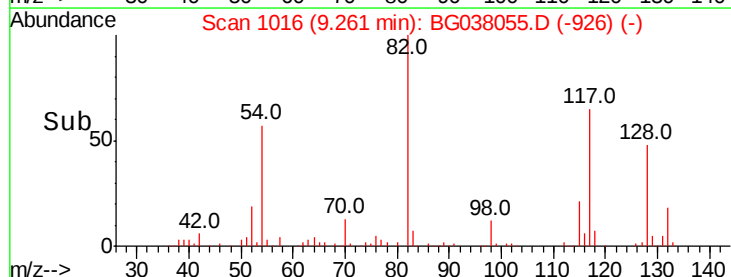
54 56.8 45.3 67.9

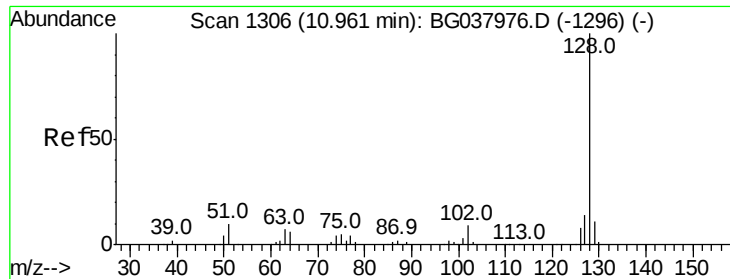


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

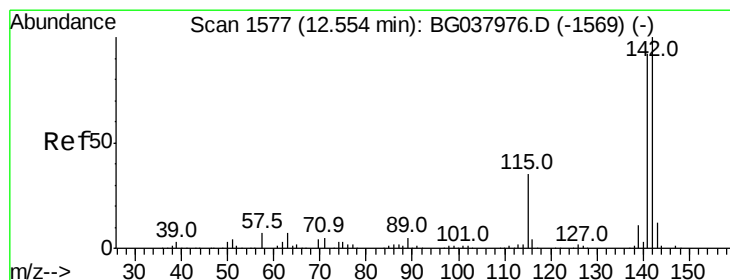
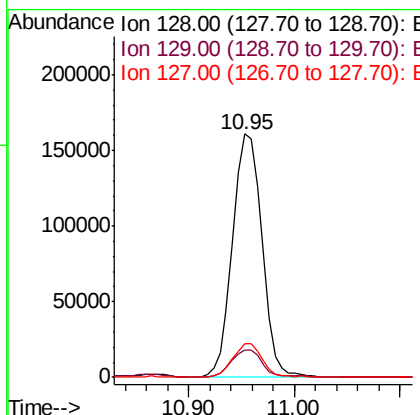
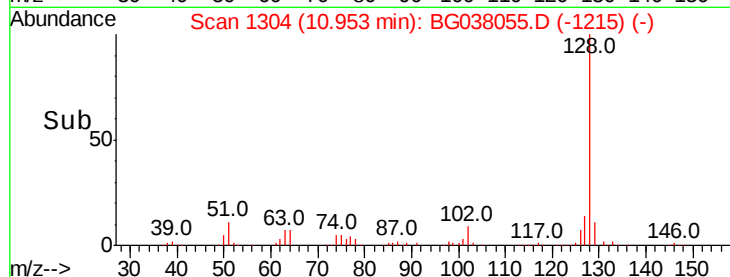
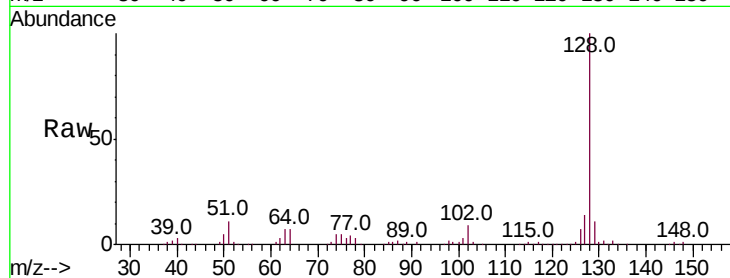




#31
Naphthalene
Concen: 32.272 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038055.D
Acq: 17 Nov 2018 5:09

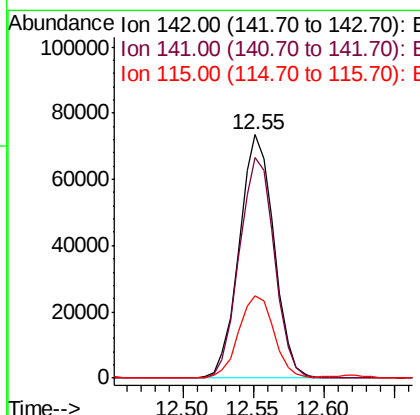
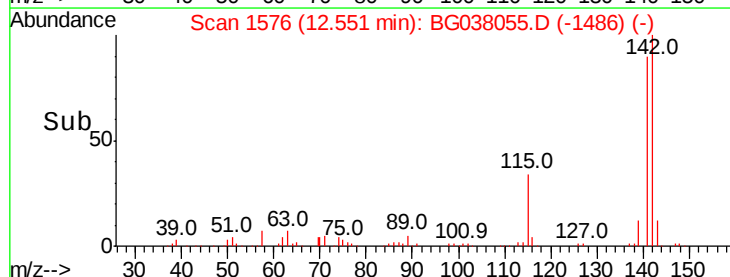
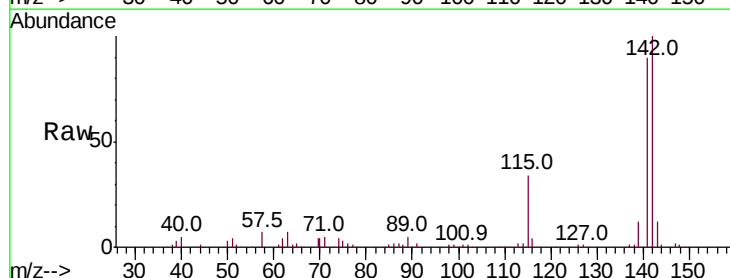
Instrument :
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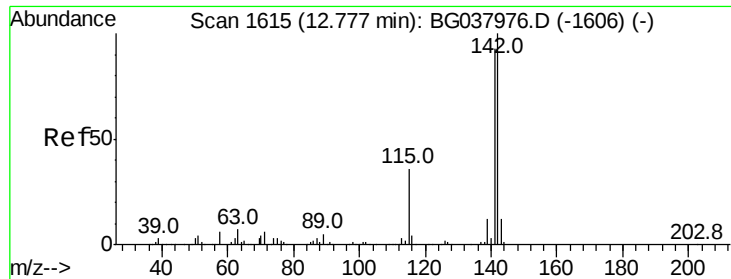
Tot Ion:128 Resp: 310348
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.9 11.1 16.7



#37
2-Methylnaphthalene
Concen: 18.259 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038055.D
Acq: 17 Nov 2018 5:09

Tgt Ion:142 Resp: 126127
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9
115 34.1 27.8 41.8

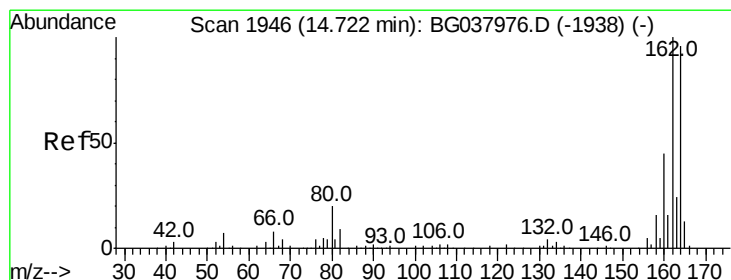
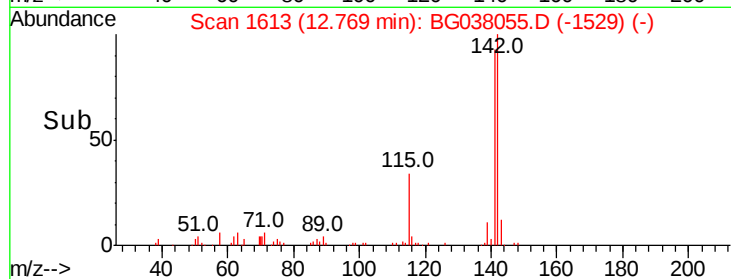
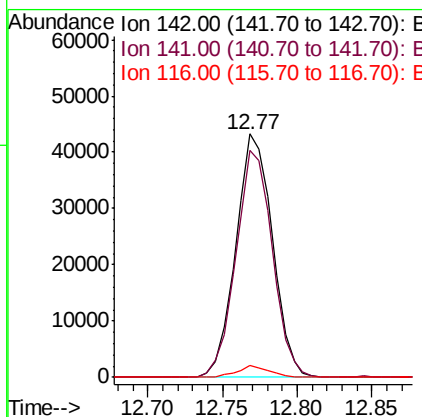
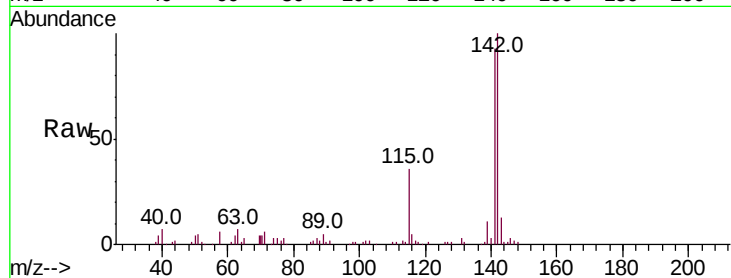




#38
1-Methylnaphthalene
Concen: 11.066 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038055.D
Acq: 17 Nov 2018 5:09

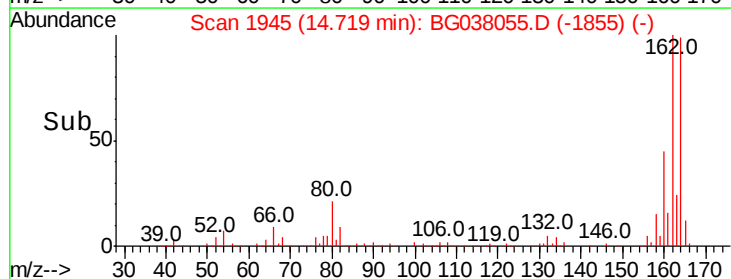
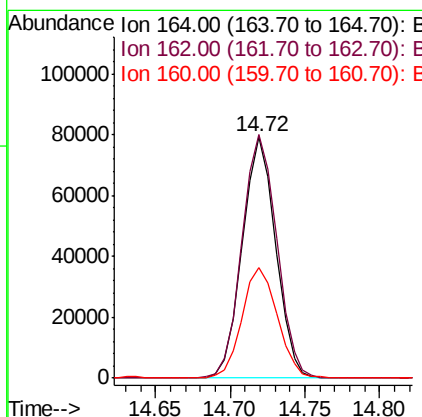
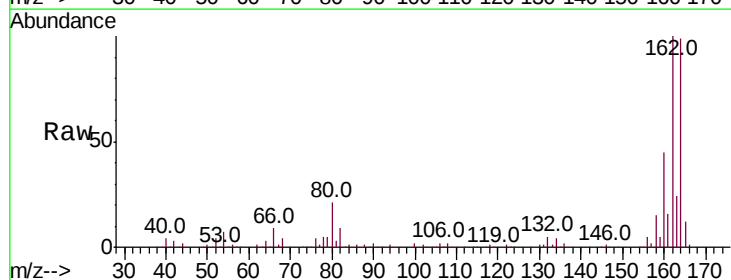
Instrument :
BNA_G
ClientSampleId :
MW-2-111418

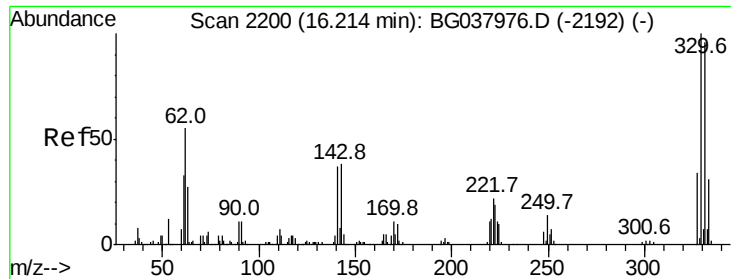
Tot Ion:142 Resp: 73579
Ion Ratio Lower Upper
142 100
141 93.3 75.2 112.8
116 4.7 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038055.D
Acq: 17 Nov 2018 5:09

Tgt Ion:164 Resp: 122760
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.8 36.3 54.5

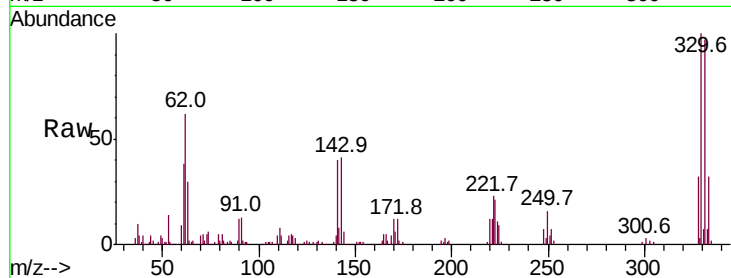




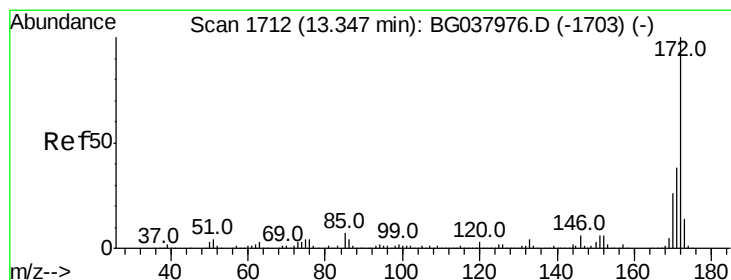
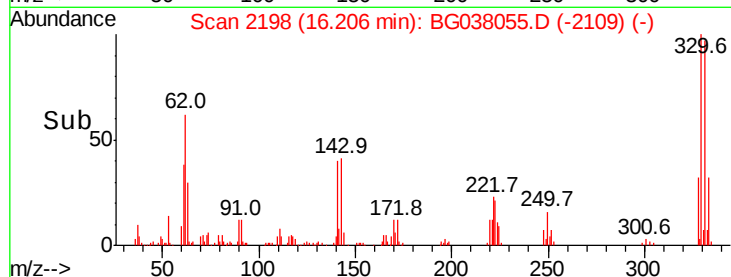
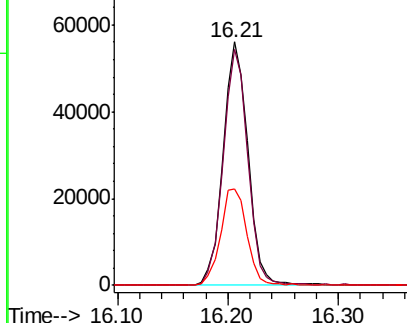
#42
 2,4,6-Tribromophenol
 Concen: 63.091 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038055.D
 Acq: 17 Nov 2018 5:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-111418

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	42.0	32.2	48.2

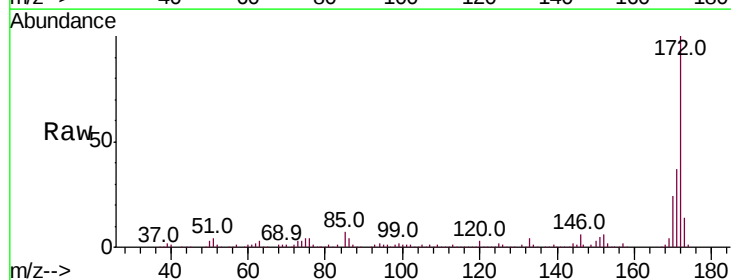


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

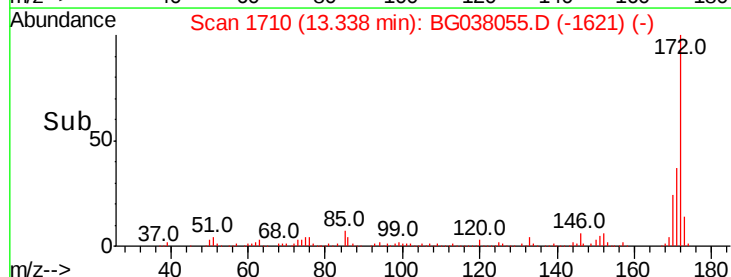
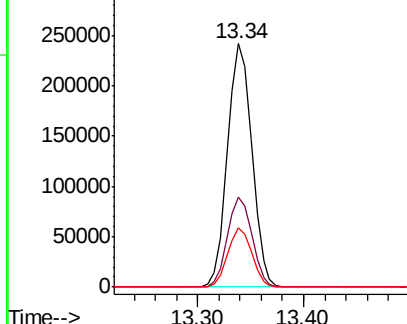


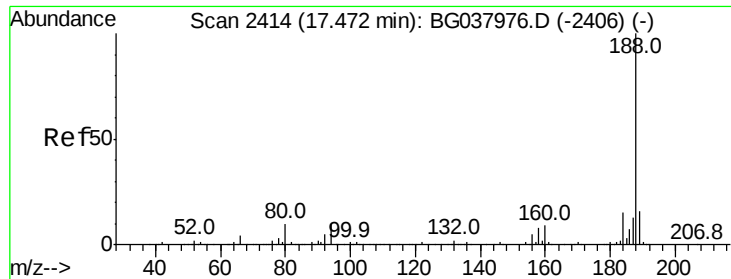
#45
 2-Fluorobiphenyl
 Concen: 45.866 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038055.D
 Acq: 17 Nov 2018 5:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.3	20.2	30.2



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

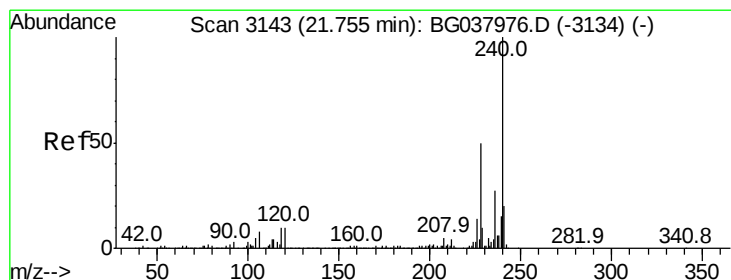
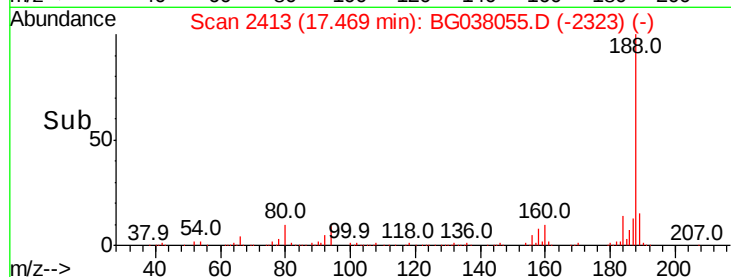
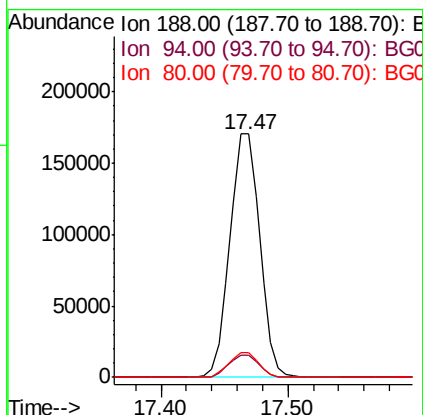
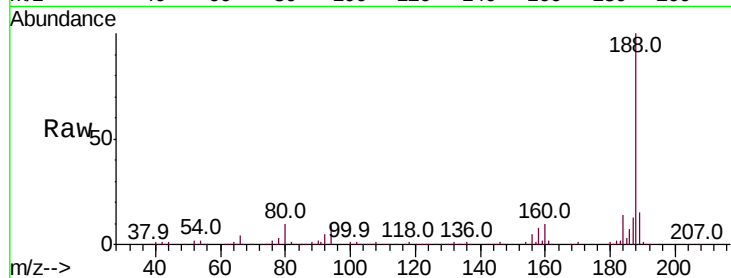




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038055.D
Acq: 17 Nov 2018 5:09

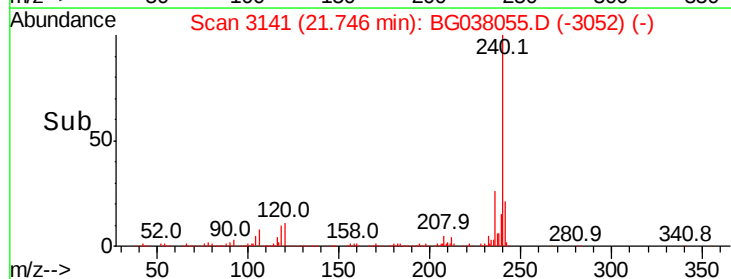
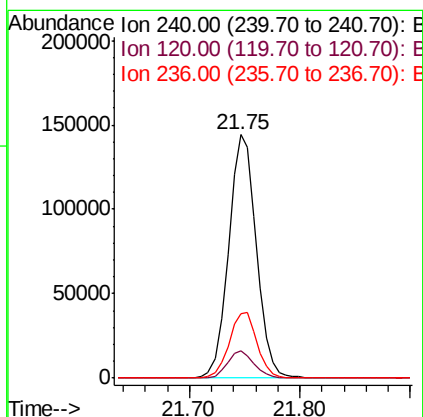
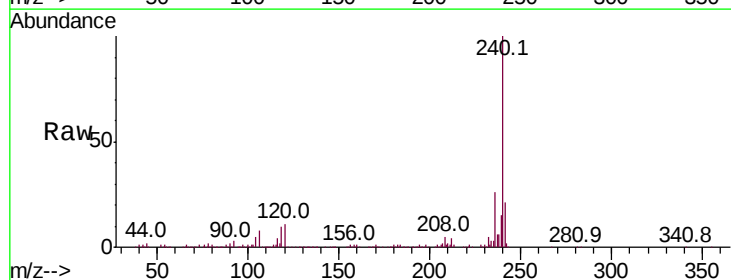
Instrument :
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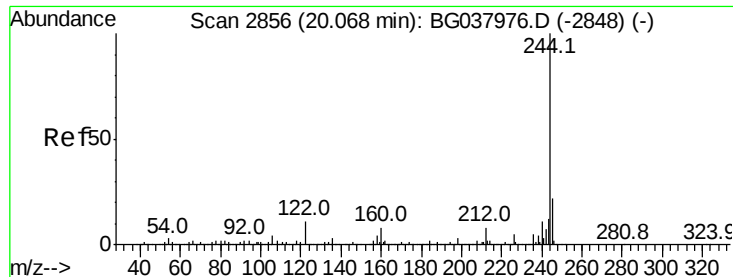
Tot Ion:188 Resp: 277541
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038055.D
Acq: 17 Nov 2018 5:09

Tgt Ion:240 Resp: 252610
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 51.138 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038055.D

Acq: 17 Nov 2018 5:09

Instrument :

BNA_G

ClientSampleId :

MW-2-111418

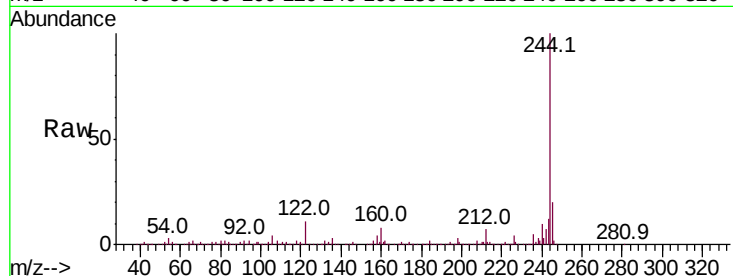
Tot Ion:244 Resp: 548996

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

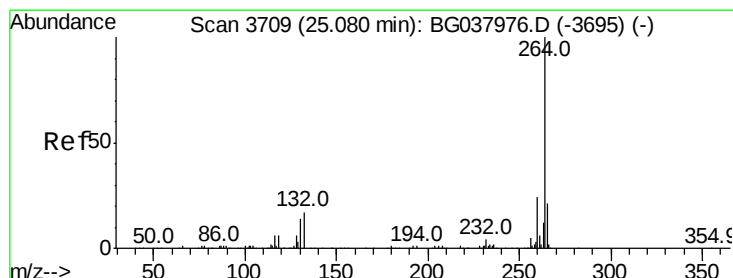
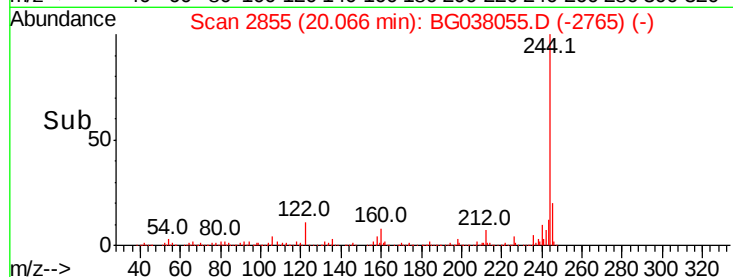
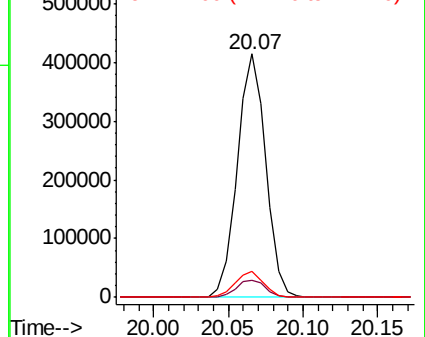
122 10.6 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038055.D

Acq: 17 Nov 2018 5:09

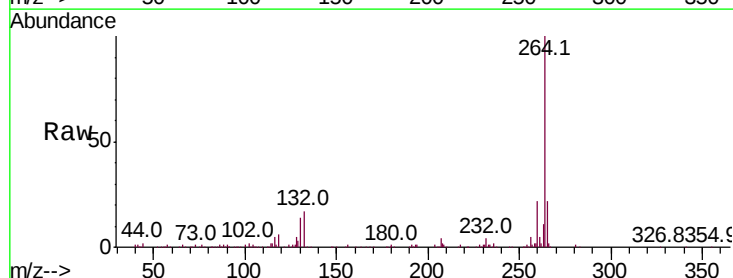
Tgt Ion:264 Resp: 257361

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 22.2 17.9 26.9



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

