

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038855.D
 Acq On : 27 Dec 2018 22:33
 Operator : JU/SJ
 Sample : J6549-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Dec 28 02:35:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

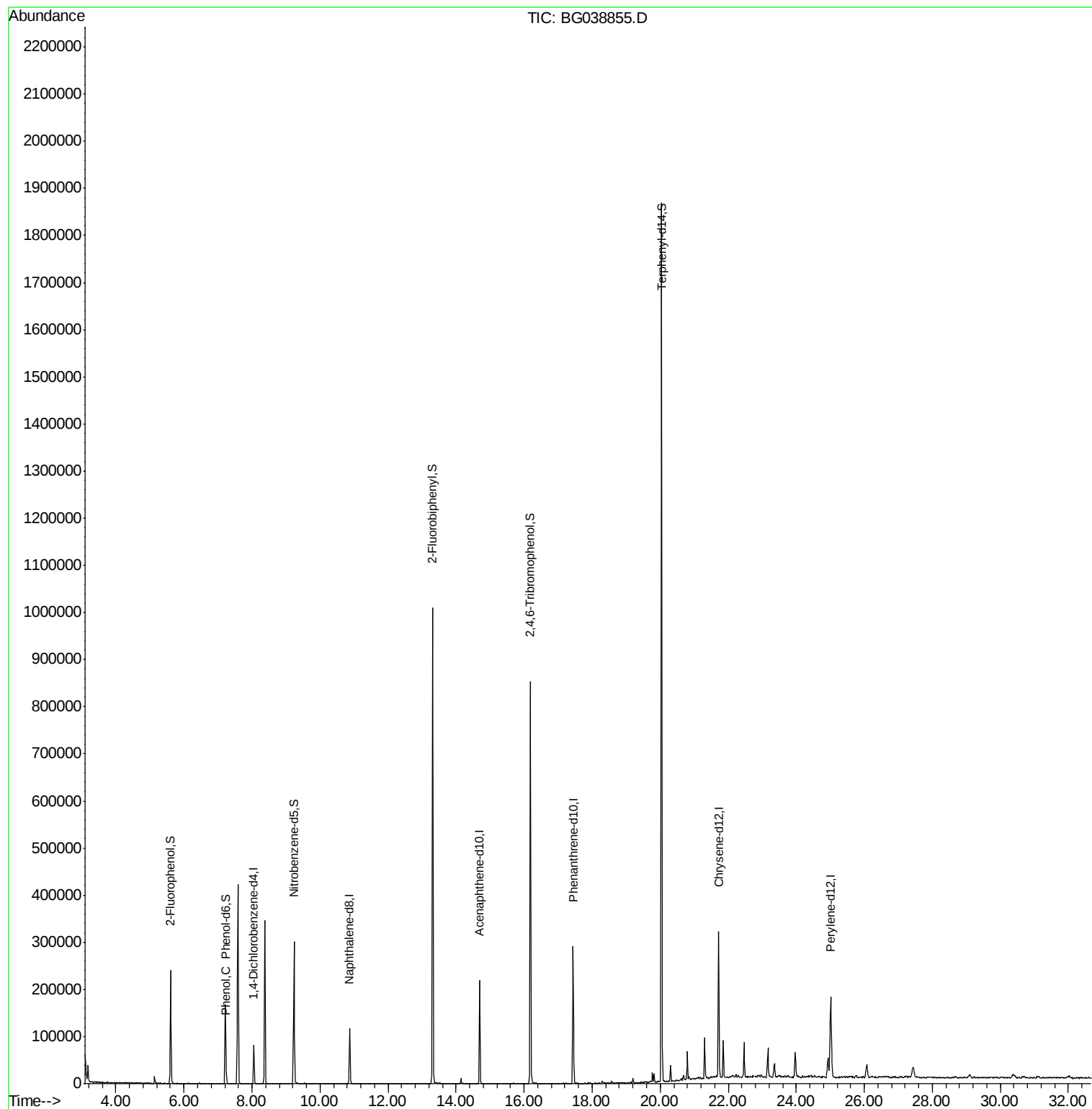
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24136	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	104880	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	79787	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	194370	20.00	ng	0.00
76) Chrysene-d12	21.72	240	195579	20.00	ng	0.00
87) Perylene-d12	25.02	264	209544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	105159	77.28	ng	0.00
7) Phenol-d6	7.22	99	101259	54.20	ng	0.01
23) Nitrobenzene-d5	9.23	82	184310	89.78	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	184545	167.83	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	540431	92.92	ng	0.00
79) Terphenyl-d14	20.04	244	952934	106.04	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6474	3.262	ng	Qvalue 74

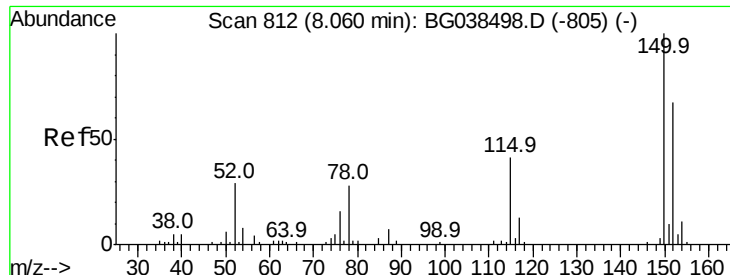
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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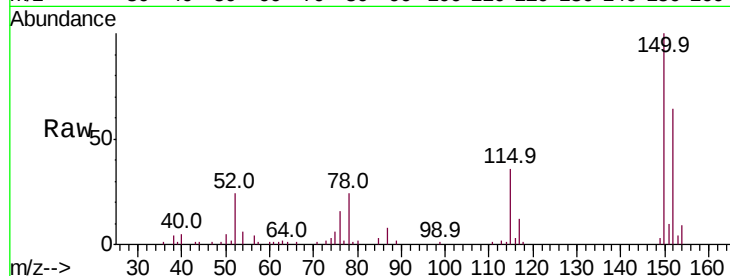


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038855.D
Acq: 27 Dec 2018 22:33

Instrument :
BNA_G
ClientSampleId :
MW-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	56.5	49.6	74.4

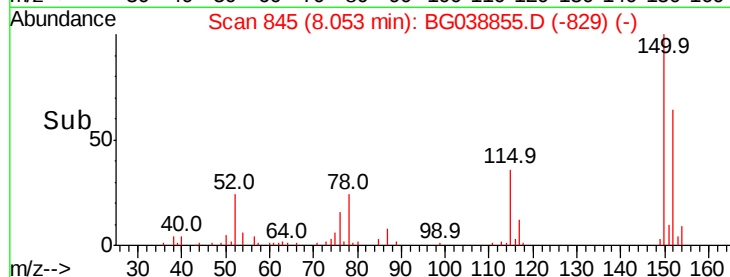
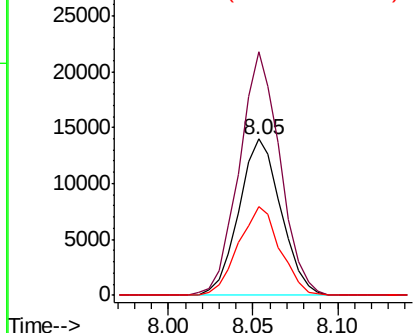


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

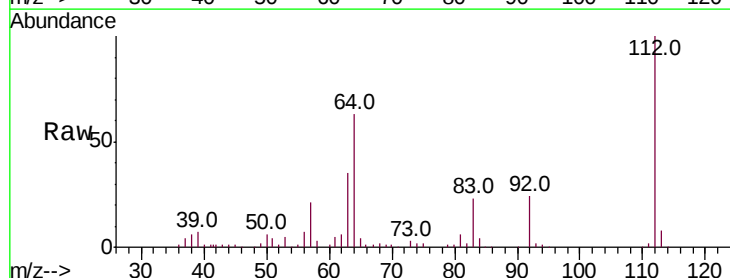
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.277 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038855.D
Acq: 27 Dec 2018 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	53.4	80.2
63	35.2	29.3	43.9

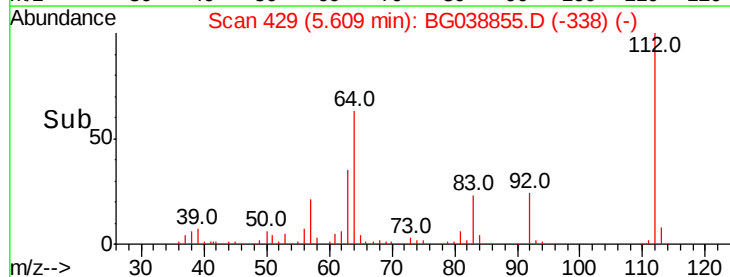
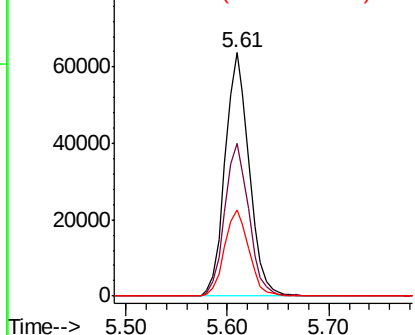


Abundance

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: 54.204 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038855.D

Acq: 27 Dec 2018 22:33

Instrument :

BNA_G

ClientSampleId :

MW-8

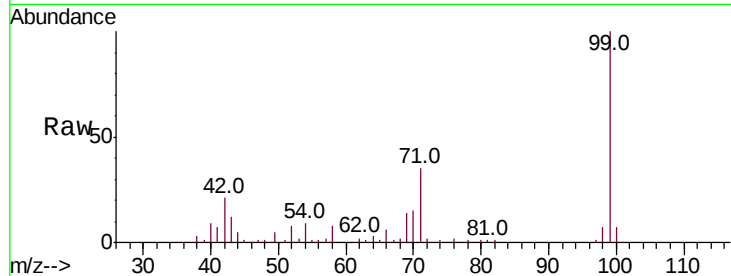
Tot Ion: 99 Resp: 101259

Ion Ratio Lower Upper

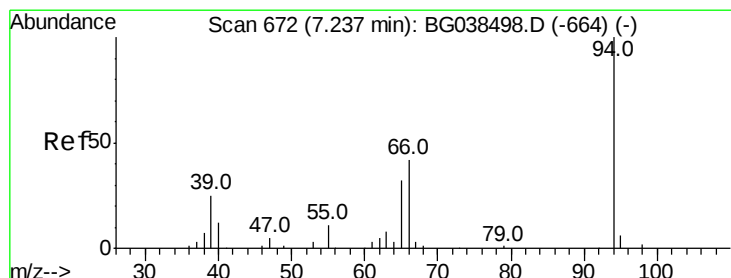
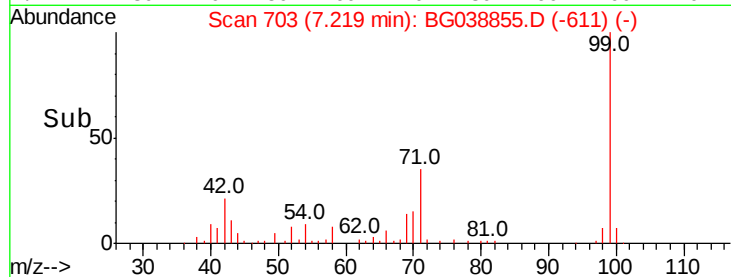
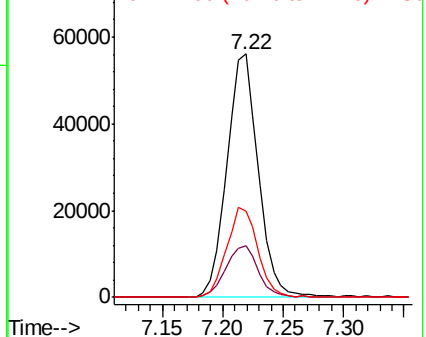
99 100

42 21.1 18.5 27.7

71 35.4 31.1 46.7



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: 3.262 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038855.D

Acq: 27 Dec 2018 22:33

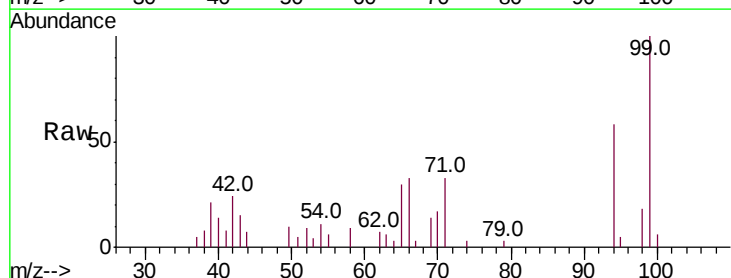
Tgt Ion: 94 Resp: 6474

Ion Ratio Lower Upper

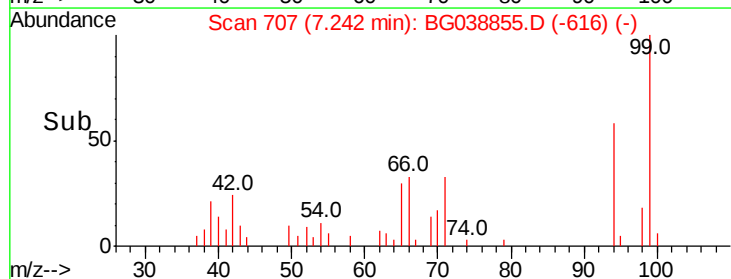
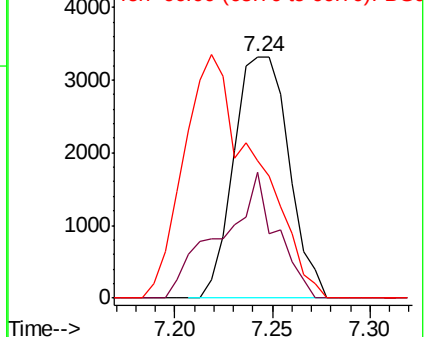
94 100

65 51.9 12.6 52.6

66 56.7 24.1 64.1



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

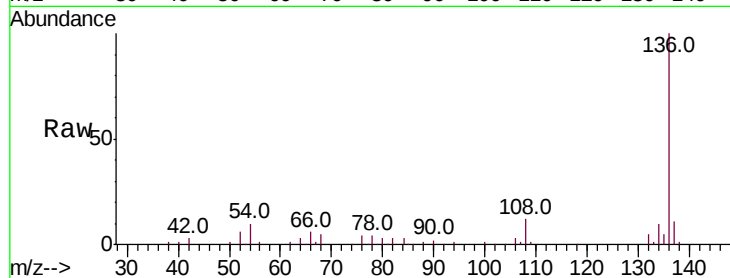




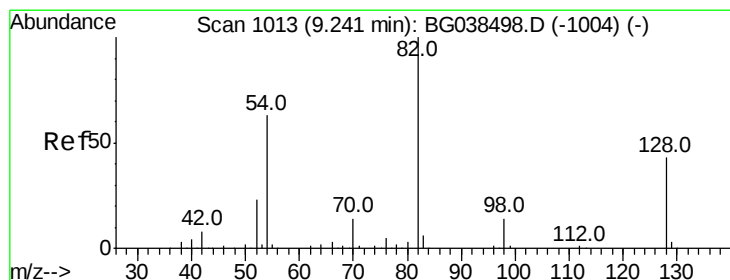
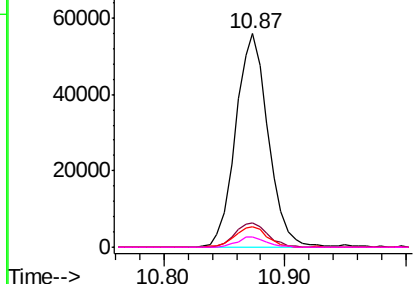
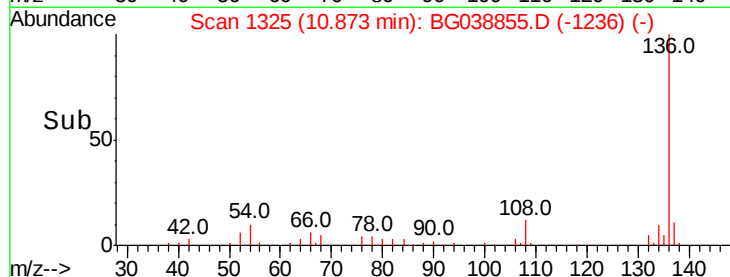
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038855.D
Acq: 27 Dec 2018 22:33

Instrument :
BNA_G
ClientSampleId :
MW-8

Tot Ion:	136	Resp:	104880
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.6	8.5	12.7
68	4.7	3.5	5.3

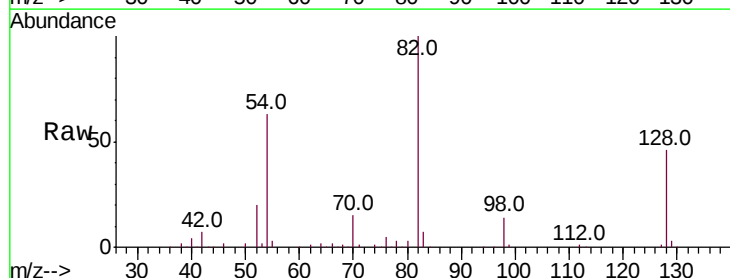


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

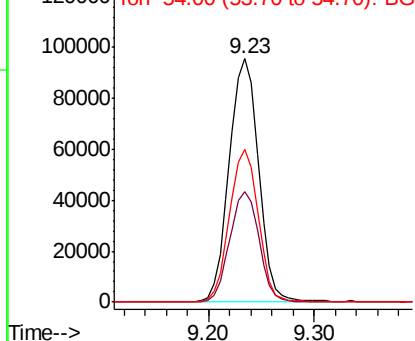
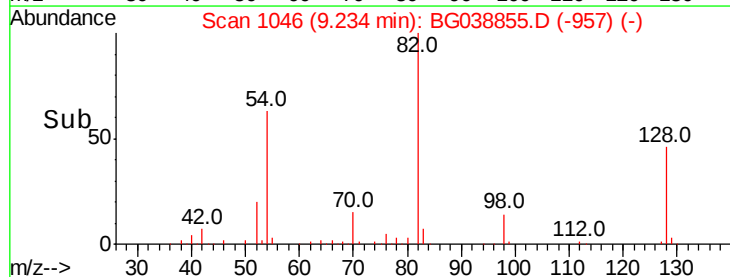


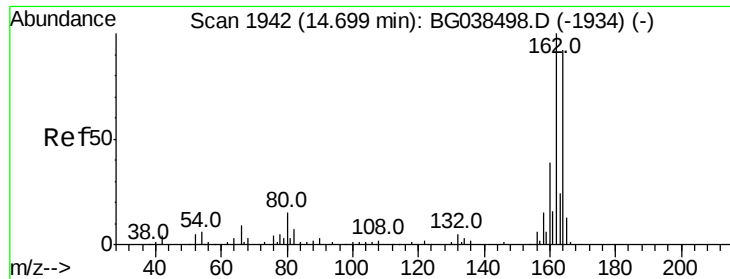
#23
Nitrobenzene-d5
Concen: 89.778 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038855.D
Acq: 27 Dec 2018 22:33

Tgt Ion:	82	Resp:	184310
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	62.5	50.6	76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038855.D

Acq: 27 Dec 2018 22:33

Instrument :

BNA_G

ClientSampleId :

MW-8

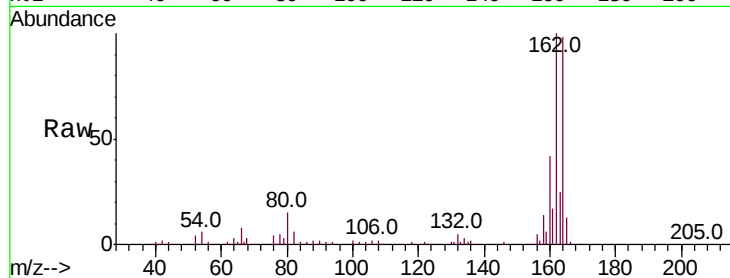
Tot Ion:164 Resp: 79787

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.6	130.0
160	43.0	34.2	51.2

164 100

162 101.7 86.6 130.0

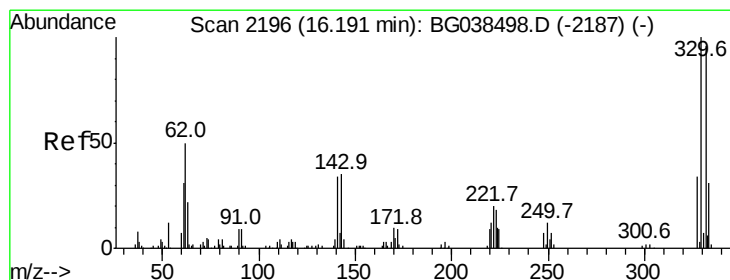
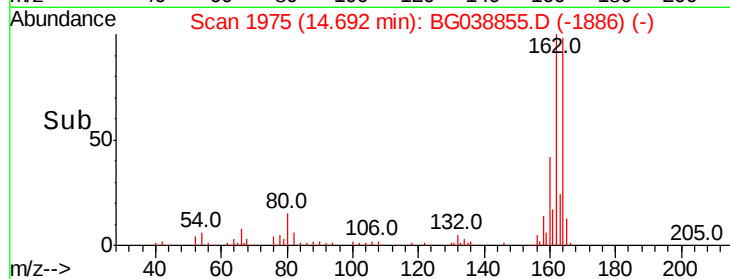
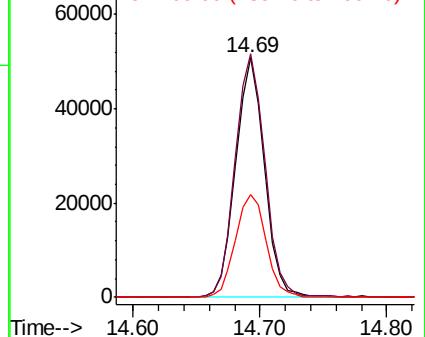
160 43.0 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 167.828 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038855.D

Acq: 27 Dec 2018 22:33

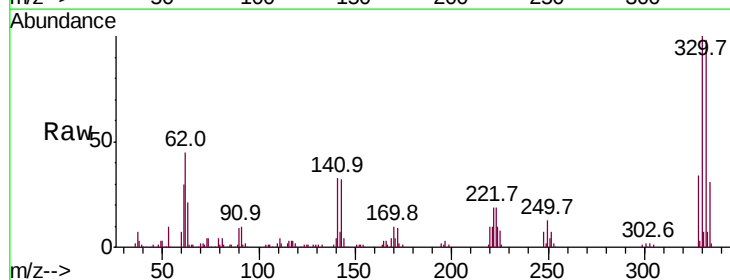
Tgt Ion:330 Resp: 184545

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	32.6	28.8	43.2

330 100

332 97.1 76.9 115.3

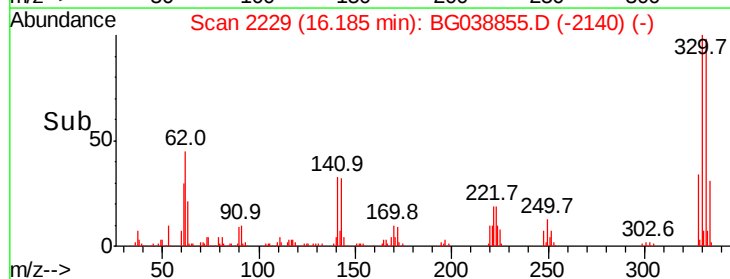
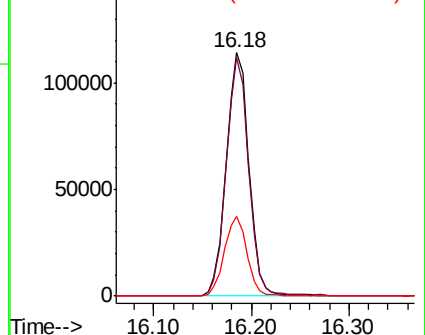
141 32.6 28.8 43.2

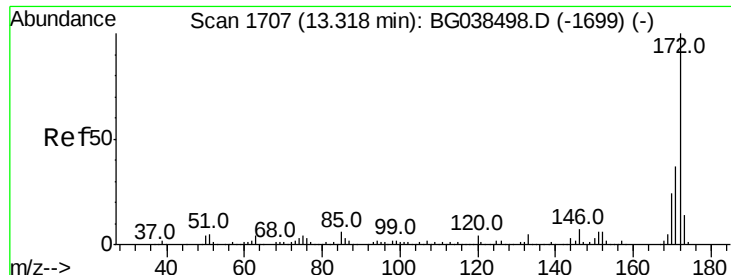


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

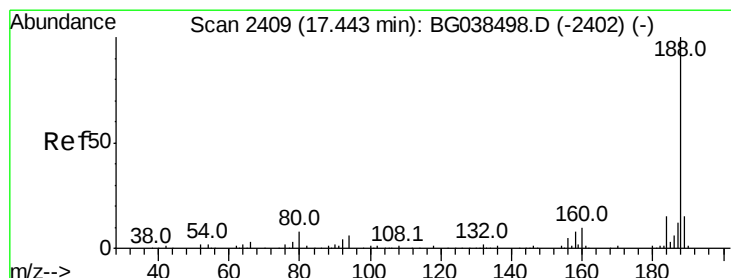
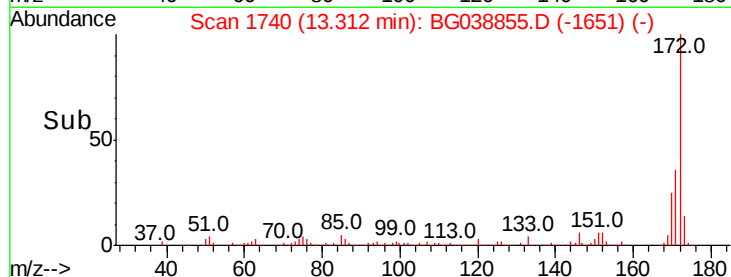
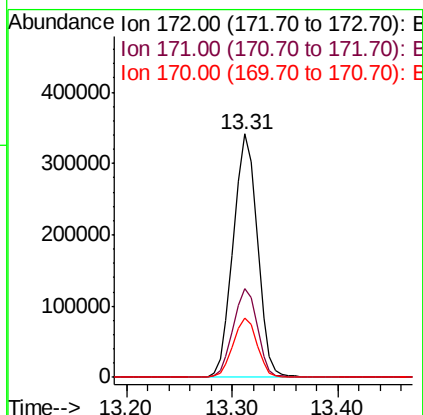
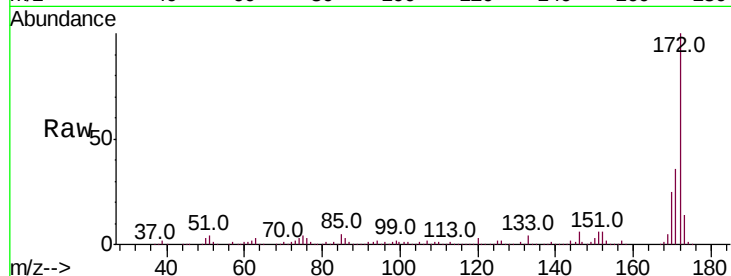




#45
 2-Fluorobiphenyl
 Concen: 92.921 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038855.D
 Acq: 27 Dec 2018 22:33

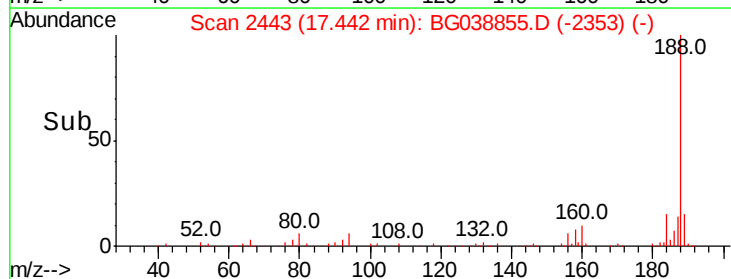
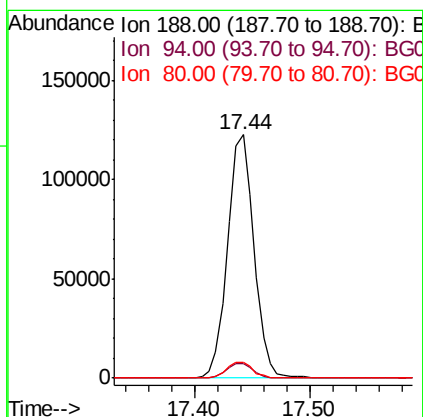
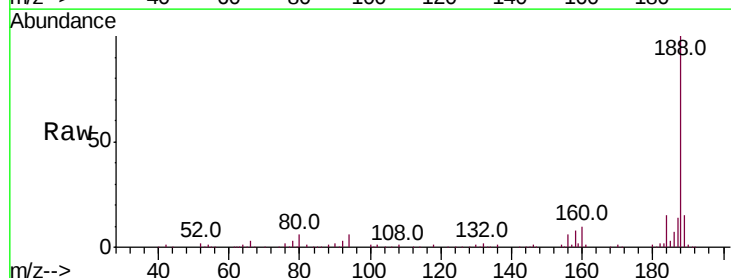
Instrument :
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 MW-8

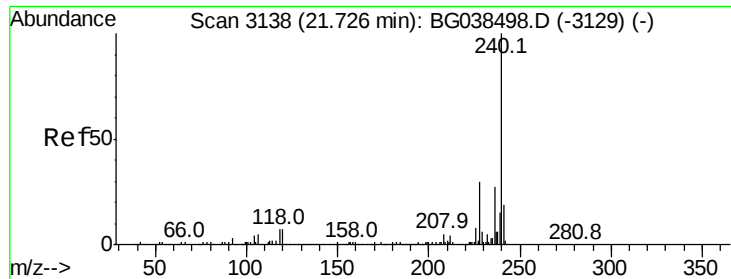
Tot Ion:172 Resp: 540431
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.5 19.5 29.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038855.D
 Acq: 27 Dec 2018 22:33

Tgt Ion:188 Resp: 194370
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 6.4 6.1 9.1

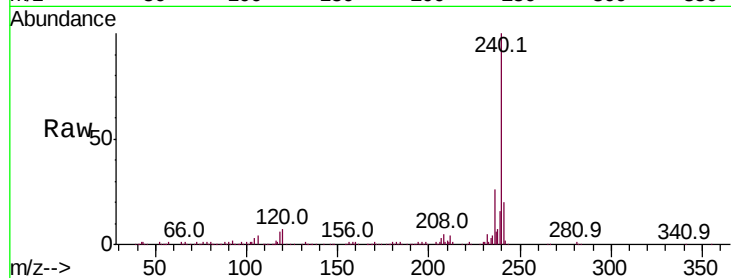




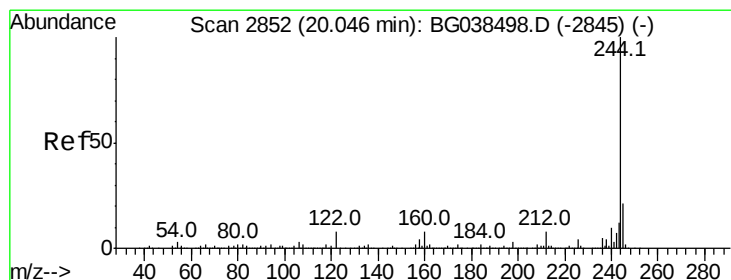
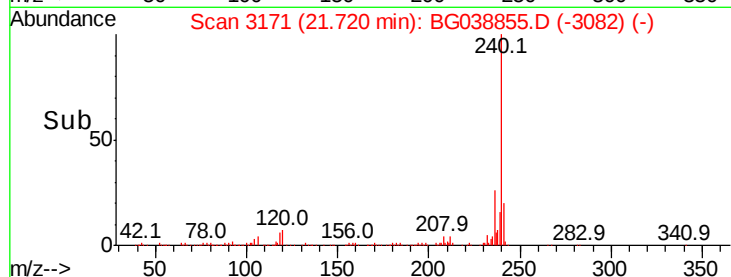
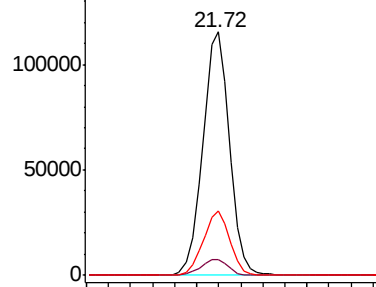
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038855.D
 Acq: 27 Dec 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tot Ion:240 Resp: 195579
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.3 7.9
 236 26.5 21.4 32.2

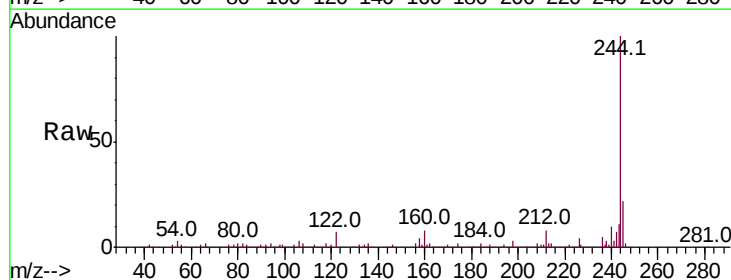


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

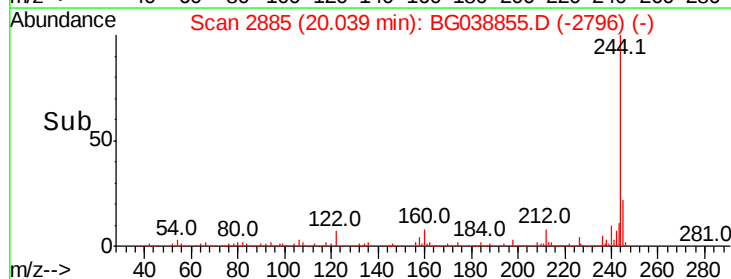
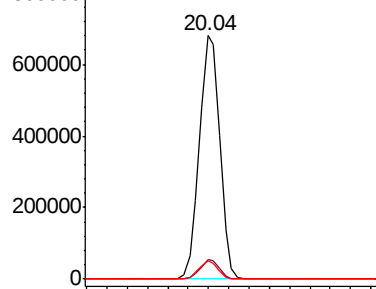


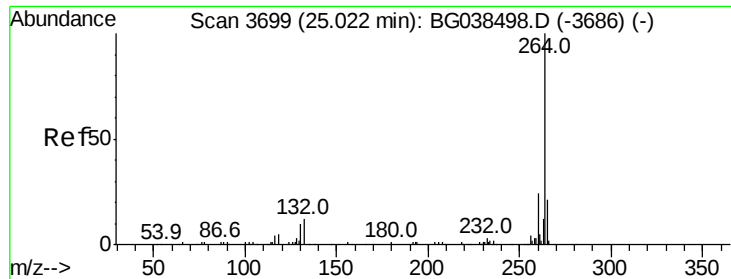
#79
 Terphenyl-d14
 Concen: 106.039 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG038855.D
 Acq: 27 Dec 2018 22:33

Tgt Ion:244 Resp: 952934
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 7.3 6.3 9.5



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038855.D
 Acq: 27 Dec 2018 22:33

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.6	17.0	25.4

