

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038877.D
 Acq On : 28 Dec 2018 17:13
 Operator : JU/SJ
 Sample : J6549-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Dec 29 00:39:34 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

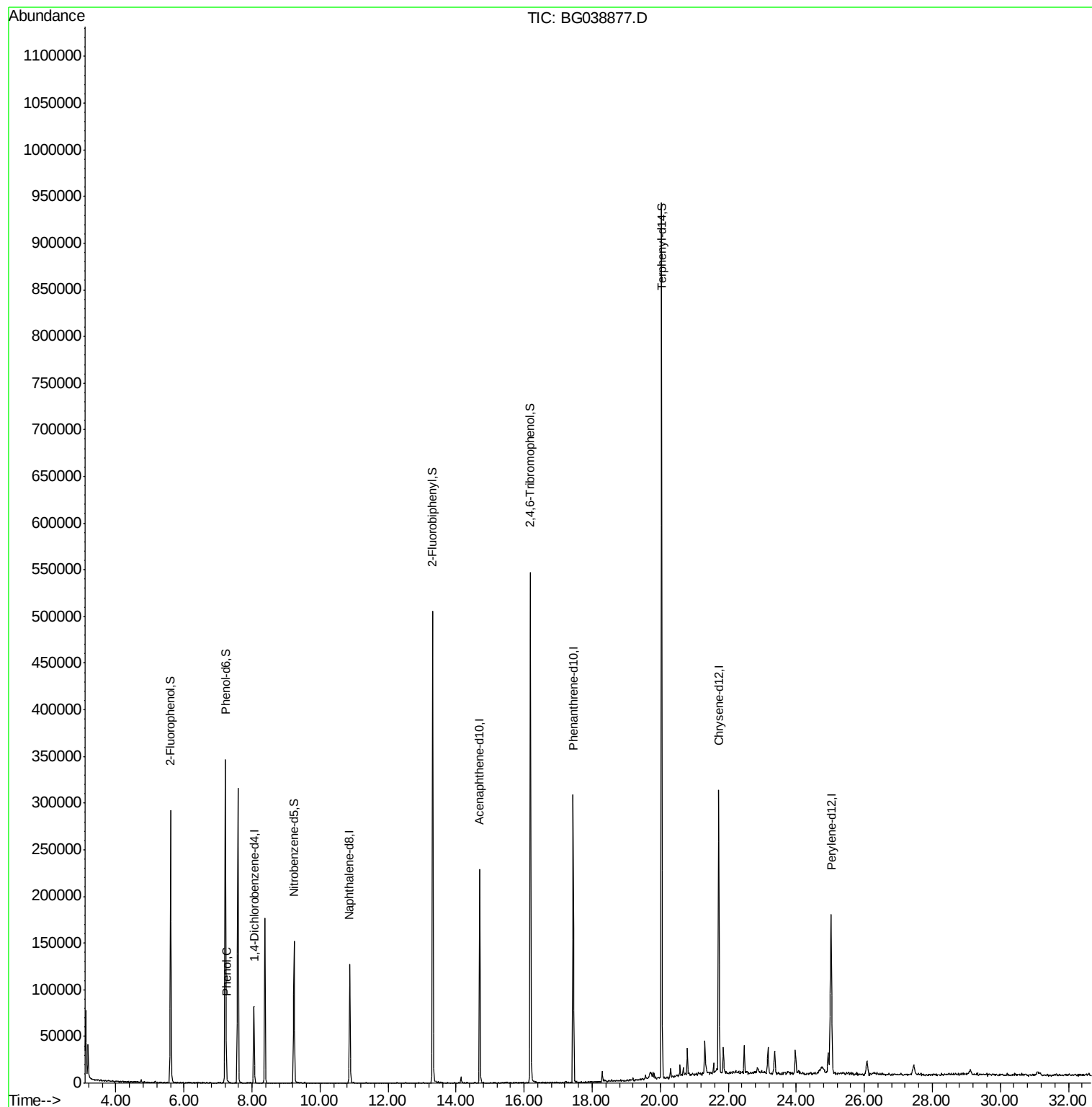
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25000	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	115501	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	87347	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	204397	20.00	ng	0.00
76) Chrysene-d12	21.72	240	199282	20.00	ng	0.00
87) Perylene-d12	25.02	264	213056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134351	95.32	ng	0.00
7) Phenol-d6	7.22	99	210957	109.02	ng	0.01
23) Nitrobenzene-d5	9.23	82	94419	41.76	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	118419	98.37	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	287960	45.23	ng	0.00
79) Terphenyl-d14	20.04	244	495349	54.10	ng	0.00
Target Compounds						
10) Phenol	7.25	94	5147	2.504	ng	Qvalue 81

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

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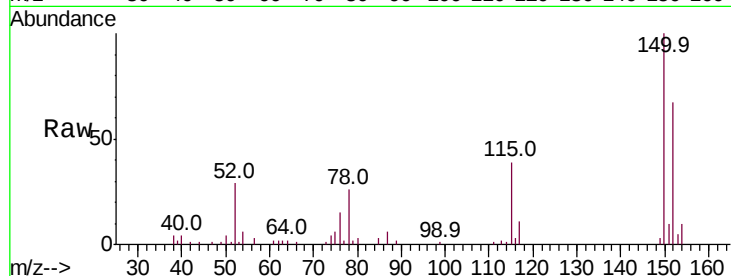


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

Instrument :
BNA_G
ClientSampled :
MW-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	57.8	49.6	74.4

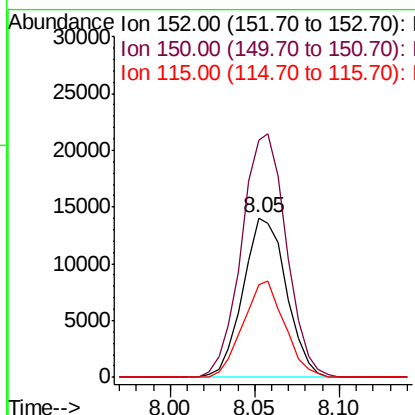
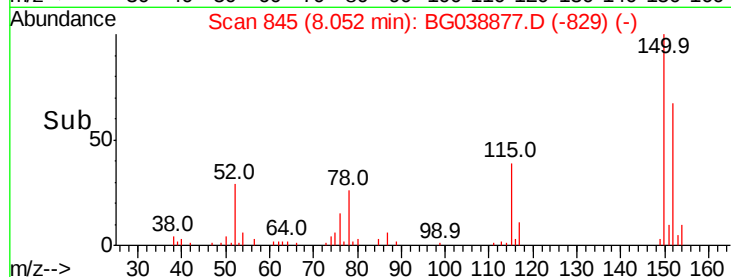


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

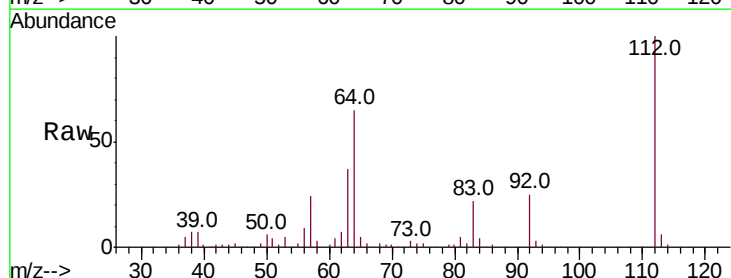
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.317 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.4	80.2
63	37.1	29.3	43.9

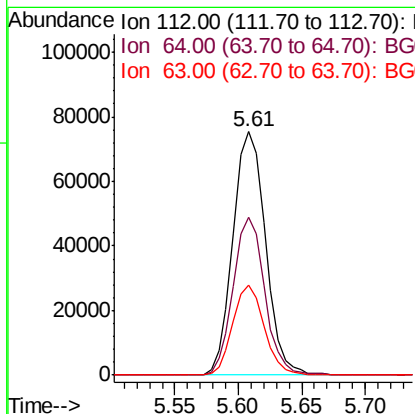
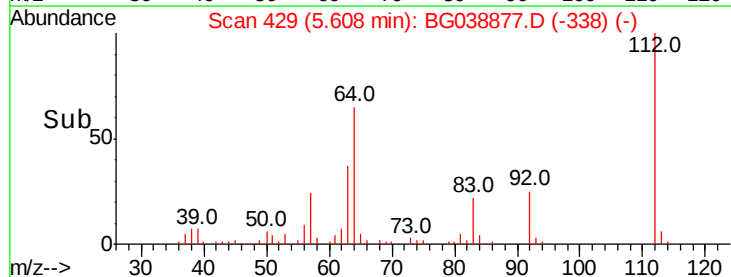


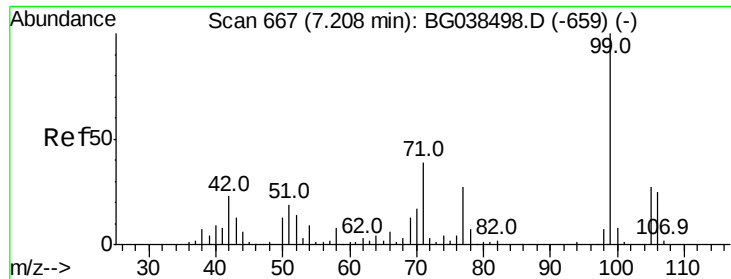
Abundance

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: 109.022 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

Instrument :

BNA_G

ClientSampleId :

MW-7

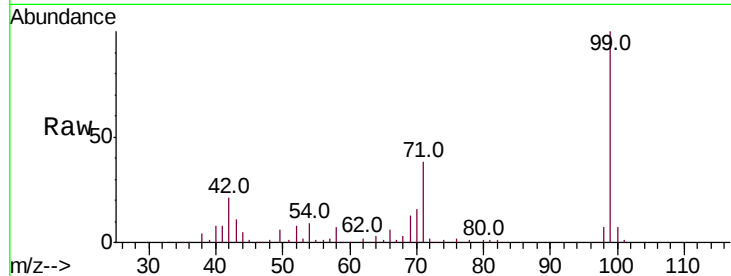
Tot Ion: 99 Resp: 210957

Ion Ratio Lower Upper

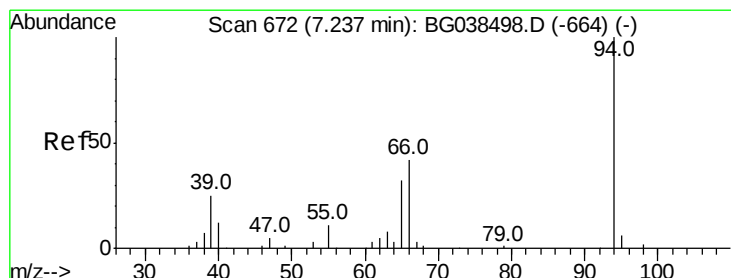
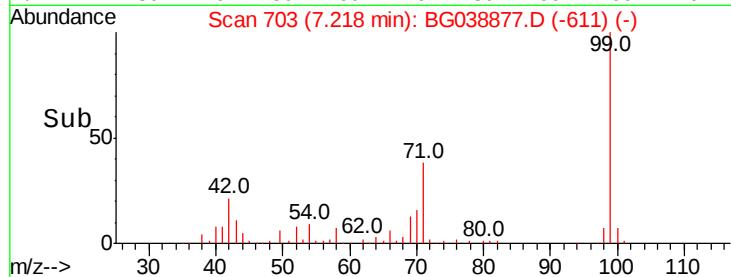
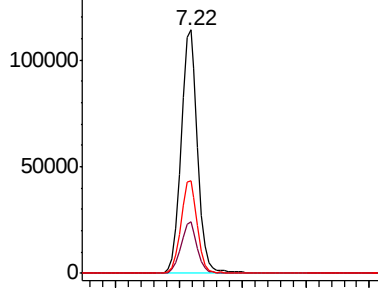
99 100

42 21.4 18.5 27.7

71 38.0 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: 2.504 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

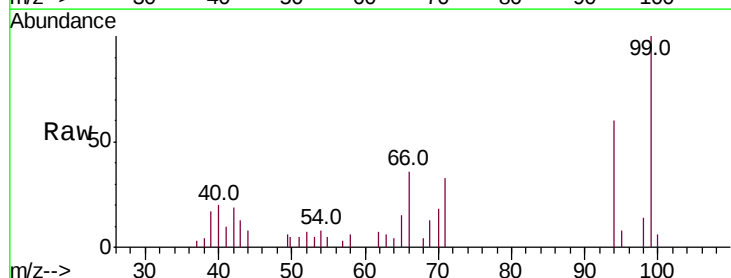
Tgt Ion: 94 Resp: 5147

Ion Ratio Lower Upper

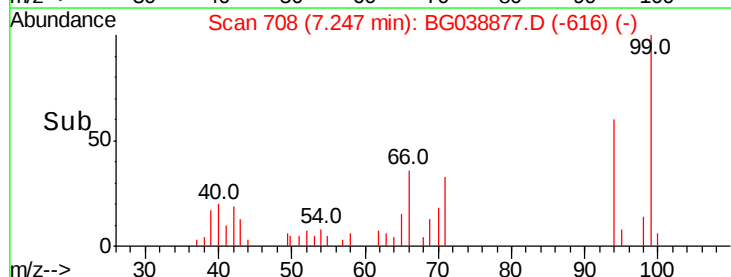
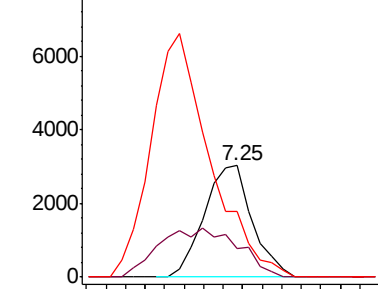
94 100

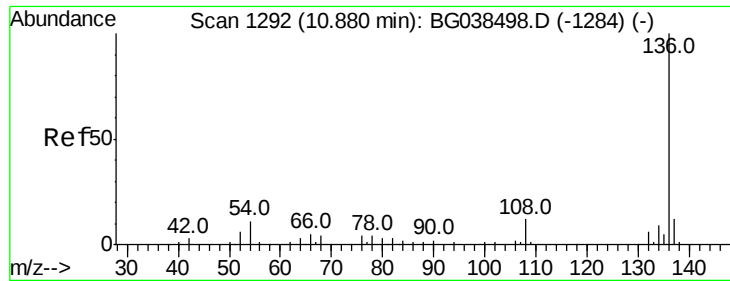
65 25.0 12.6 52.6

66 58.9 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

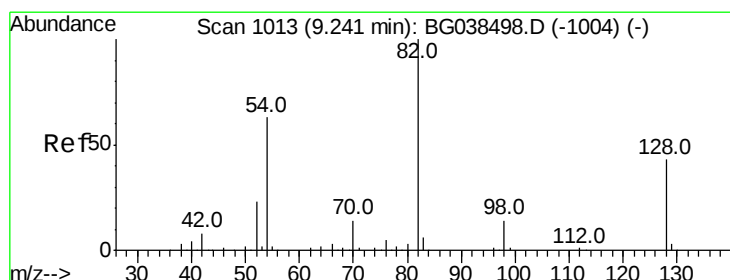
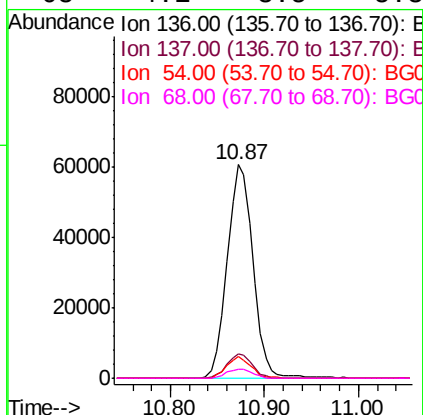
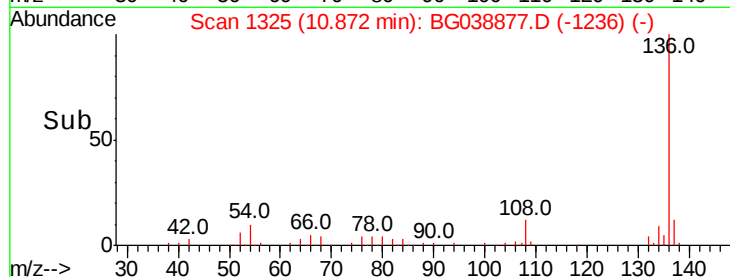
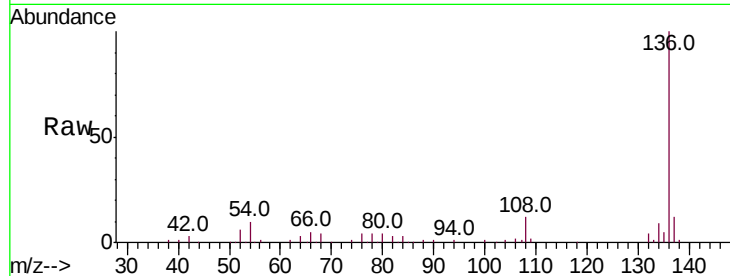




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

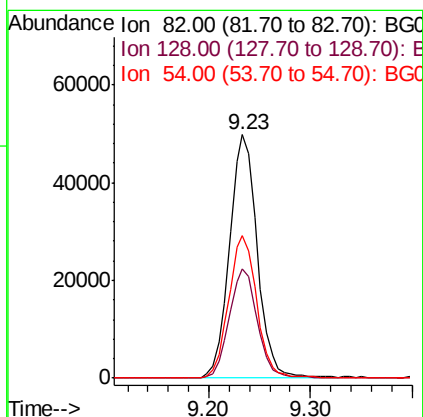
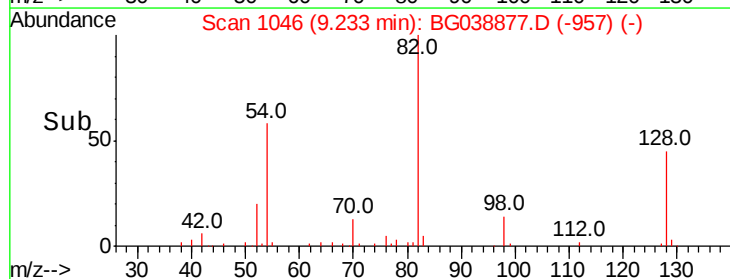
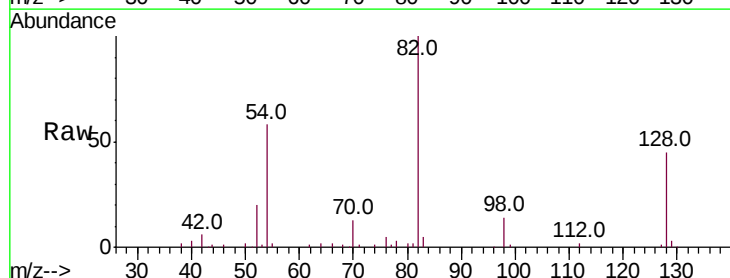
Instrument :
BNA_G
ClientSampleId :
MW-7

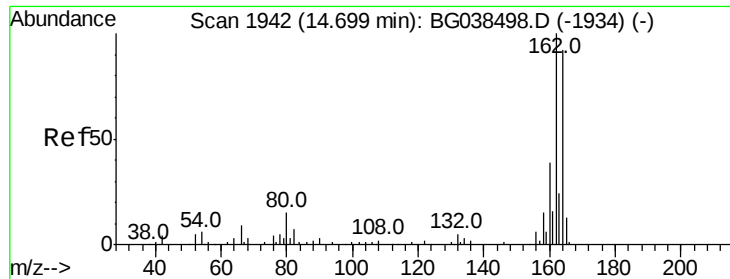
Tot Ion:	136	Resp:	115501
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	10.0	8.5	12.7
68	4.1	3.5	5.3



#23
Nitrobenzene-d5
Concen: 41.762 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

Tgt Ion:	82	Resp:	94419
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	52.0
54	58.4	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

Instrument :

BNA_G

ClientSampleId :

MW-7

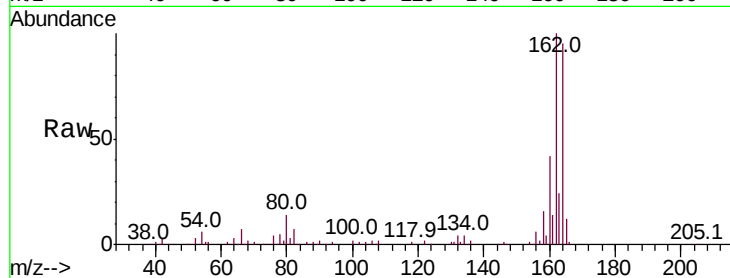
Tot Ion:164 Resp: 87347

Ion Ratio Lower Upper

164 100

162 105.4 86.6 130.0

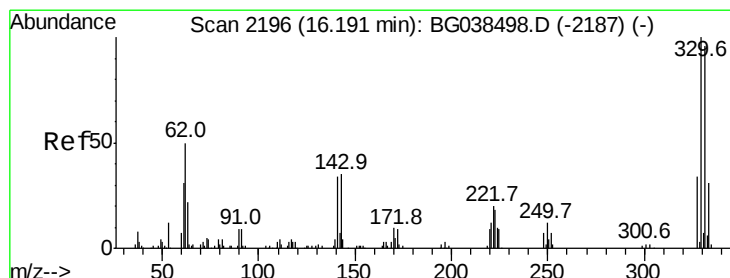
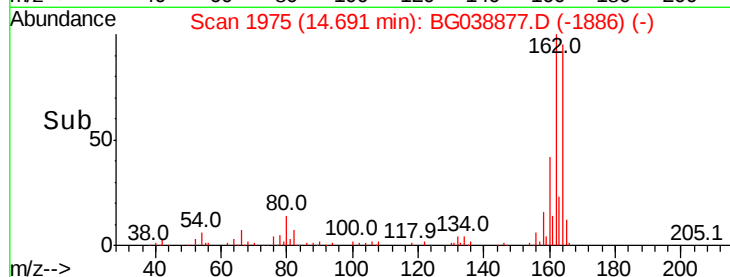
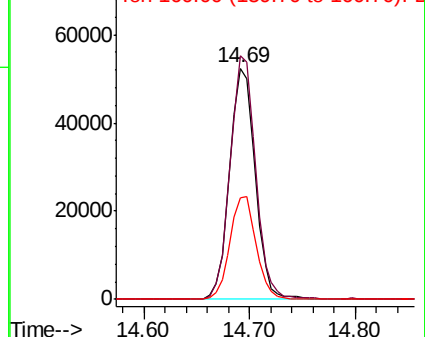
160 44.1 34.2 51.2



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: 98.371 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

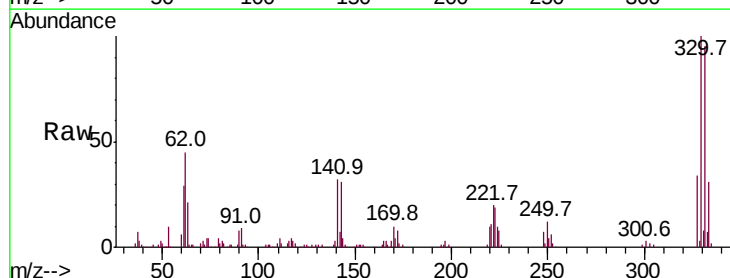
Tgt Ion:330 Resp: 118419

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

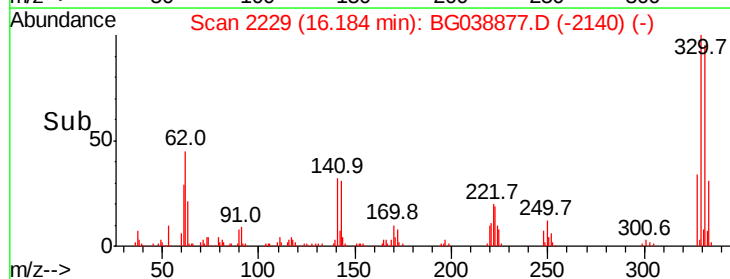
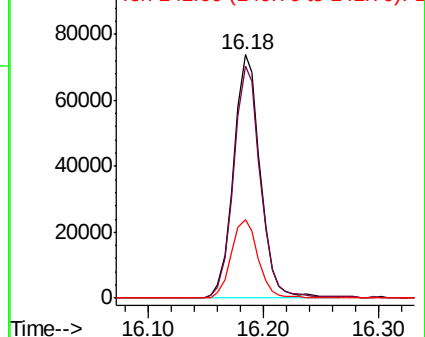
141 32.3 28.8 43.2



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

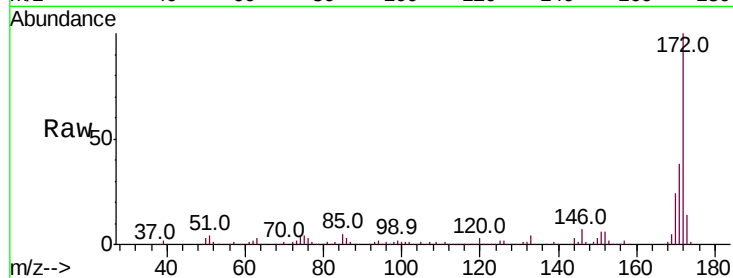




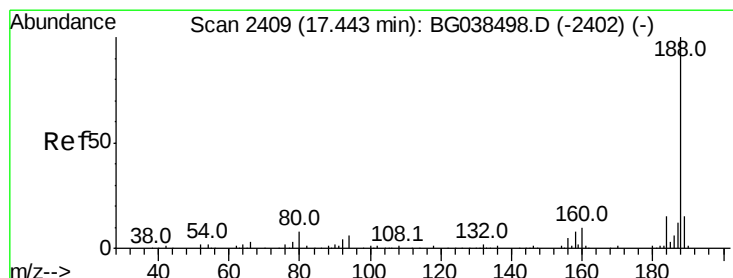
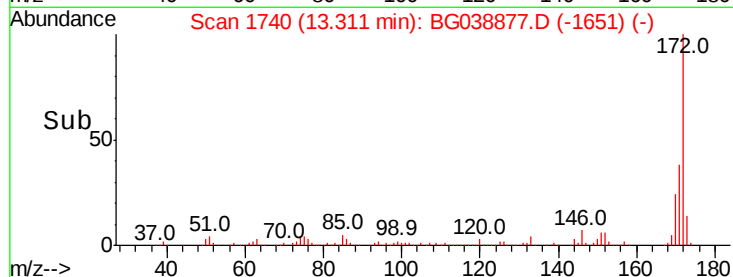
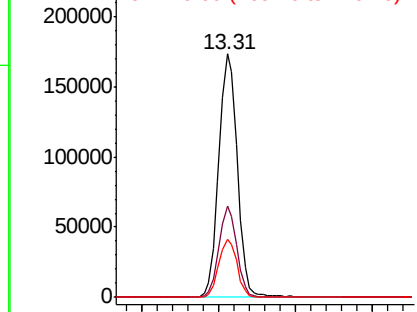
#45
 2-Fluorobiphenyl
 Concen: 45.226 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tot Ion:172 Resp: 287960
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 23.8 19.5 29.3

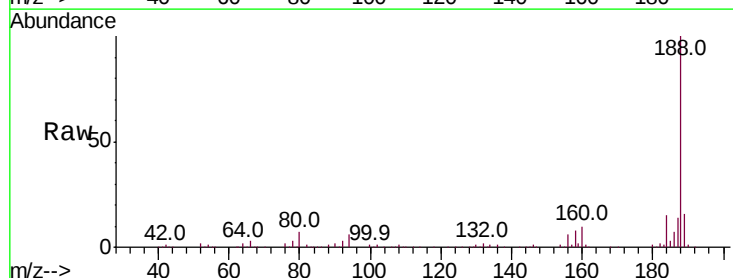


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

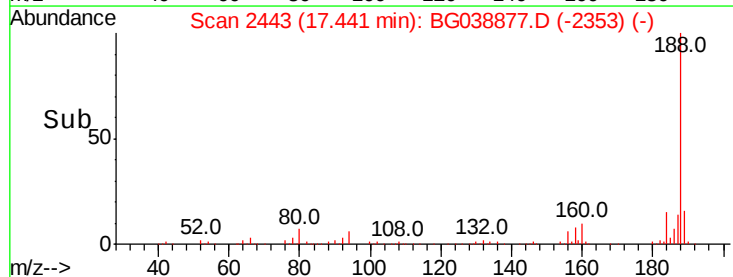
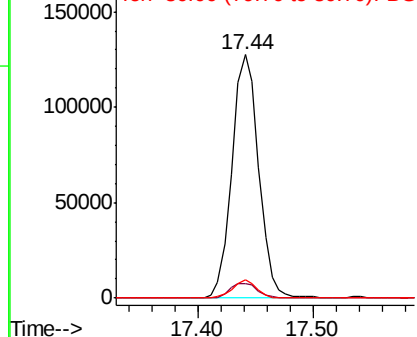


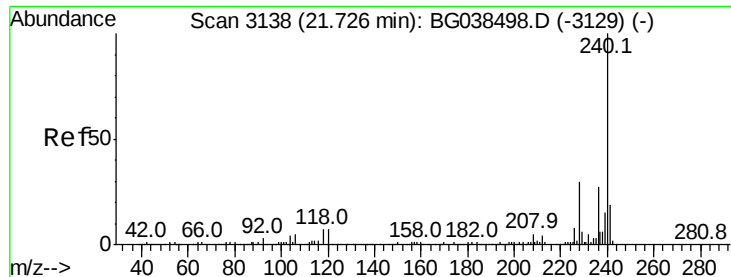
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Tgt Ion:188 Resp: 204397
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.1 7.7
 80 7.3 6.1 9.1



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

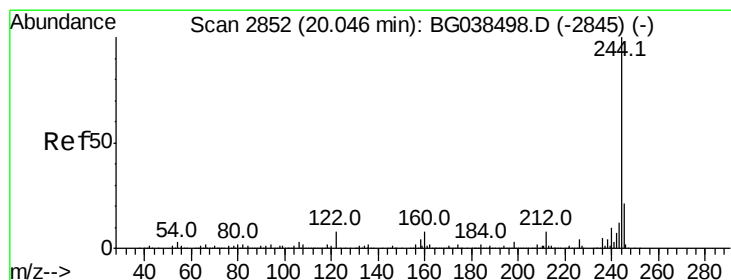
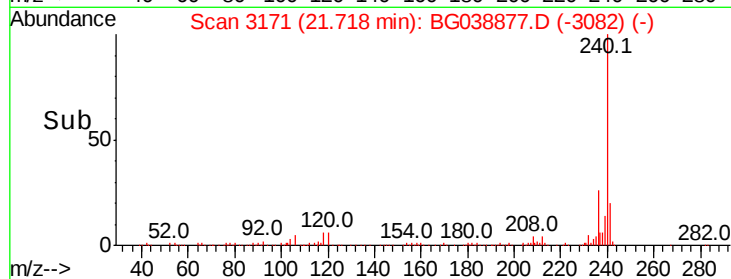
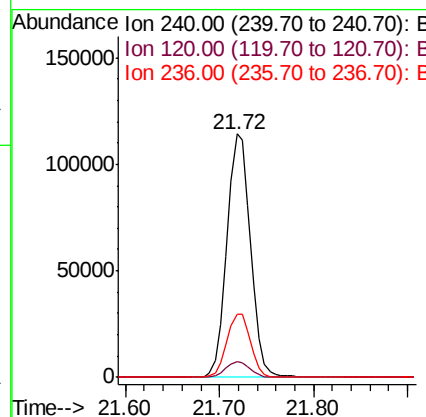
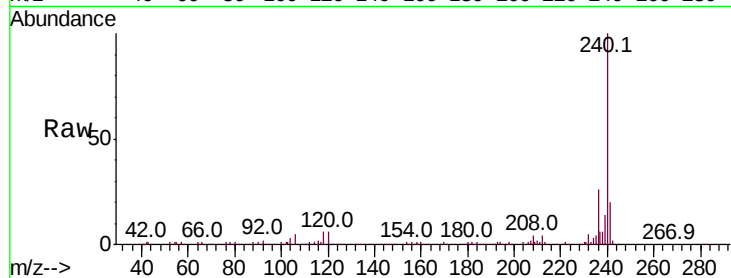




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

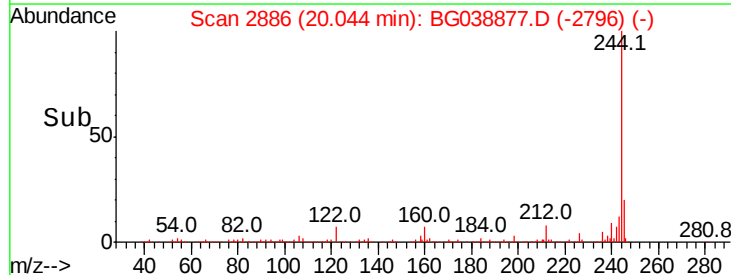
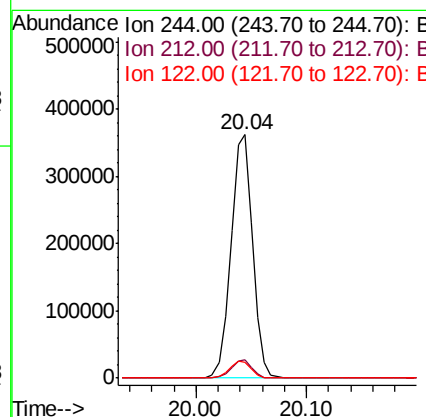
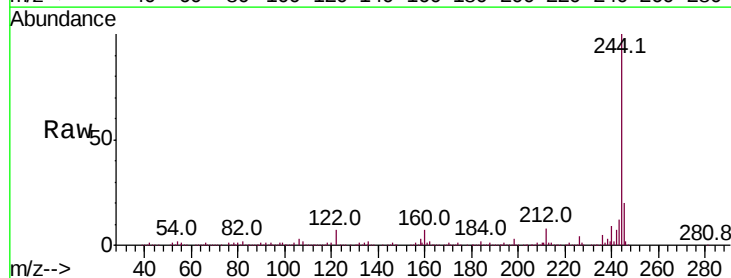
Instrument :
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 ClientSampleId :
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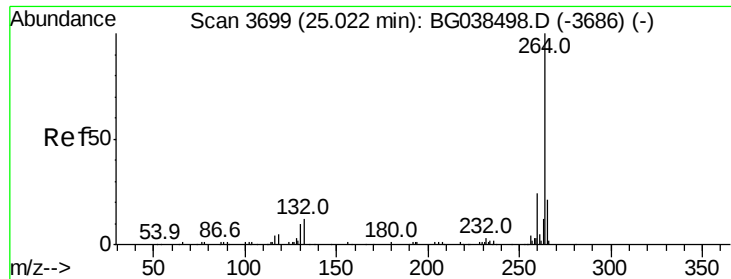
Tot Ion:240 Resp: 199282
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.3 7.9
 236 26.1 21.4 32.2



#79
 Terphenyl-d14
 Concen: 54.096 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Tgt Ion:244 Resp: 495349
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 6.6 6.3 9.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	22.0	17.0	25.4

