

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038664.D
 Acq On : 17 Dec 2018 15:44
 Operator : JU/SJ
 Sample : J6378-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD013-0612-01

Quant Time: Dec 18 03:25:42 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

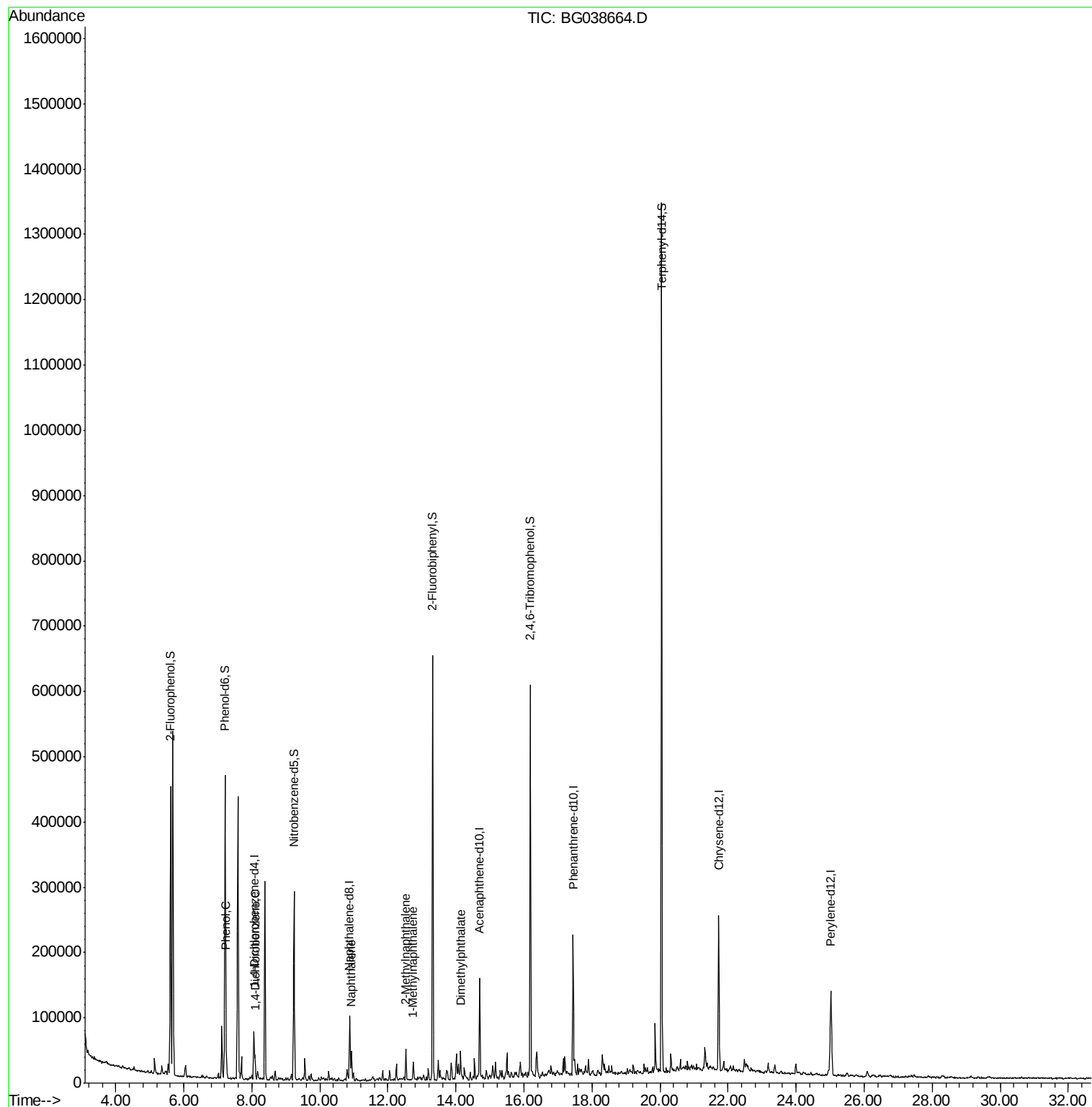
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20099	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	81685	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	53988	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136340	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145950	20.00	ng	0.00
87) Perylene-d12	25.02	264	160459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	183674	162.08	ng	0.00
7) Phenol-d6	7.22	99	251055	161.38	ng	0.00
23) Nitrobenzene-d5	9.24	82	161624	101.08	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	116939	157.17	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	344082	87.43	ng	0.00
79) Terphenyl-d14	20.05	244	625273	93.24	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15518	9.389	ng	88
13) 1,4-Dichlorobenzene	8.10	146	13722	8.641	ng	95
31) Naphthalene	10.93	128	37209	9.245	ng	# 93
37) 2-Methylnaphthalene	12.53	142	23340	8.129	ng	93
38) 1-Methylnaphthalene	12.74	142	13501	4.846	ng	97
50) Dimethylphthalate	14.14	163	18103	4.106	ng	99

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

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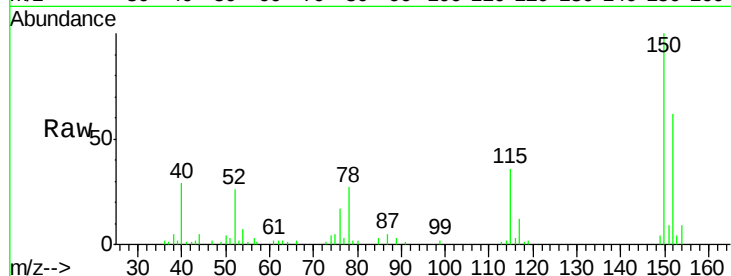


#1

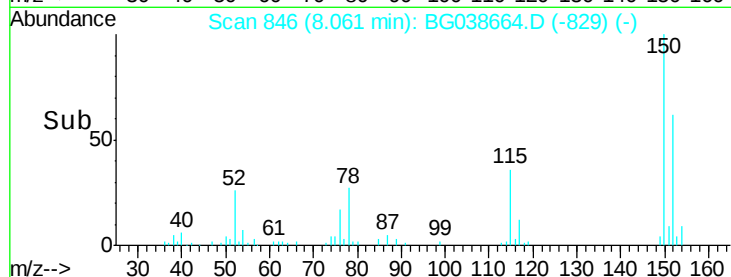
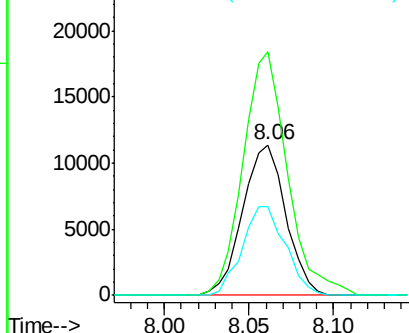
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:152 Resp: 20099
Ion Ratio Lower Upper
152 100
150 161.9 119.5 179.3
115 59.0 49.6 74.4



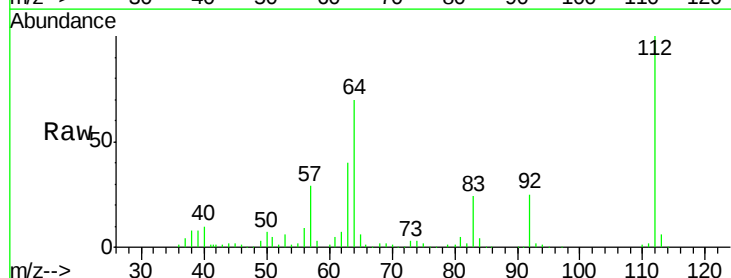
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



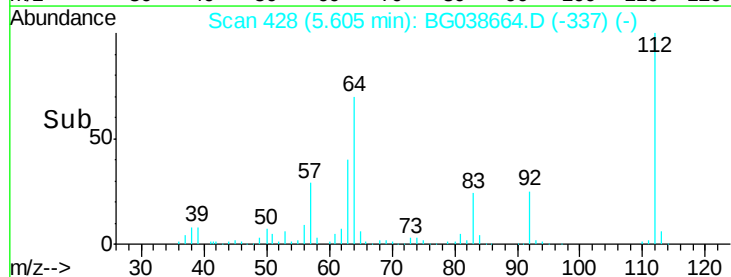
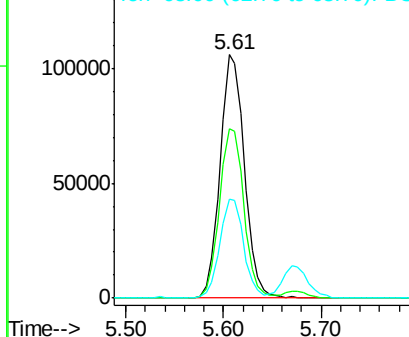
#5

2-Fluorophenol
Concen: 162.085 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:112 Resp: 183674
Ion Ratio Lower Upper
112 100
64 69.6 53.4 80.2
63 40.5 29.3 43.9



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: 161.381 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

Instrument :

BNA_G

ClientSampleId :

P001-SD013-0612-01

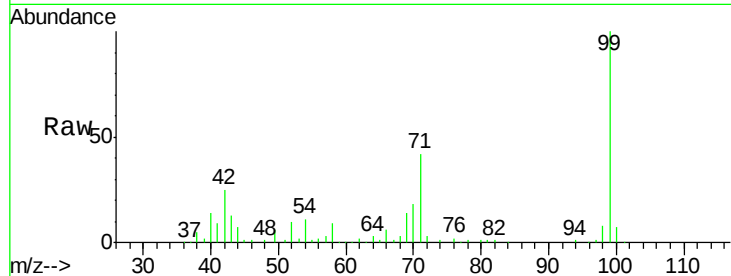
Tgt Ion: 99 Resp: 251055

Ion Ratio Lower Upper

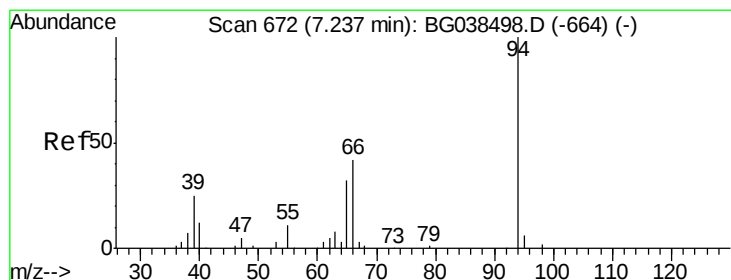
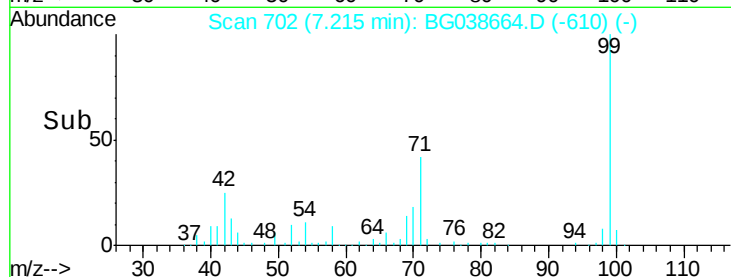
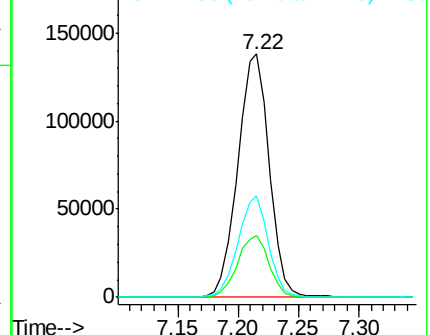
99 100

42 25.2 18.5 27.7

71 41.6 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: 9.389 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

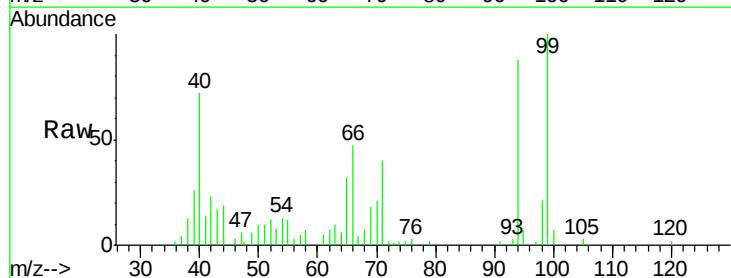
Tgt Ion: 94 Resp: 15518

Ion Ratio Lower Upper

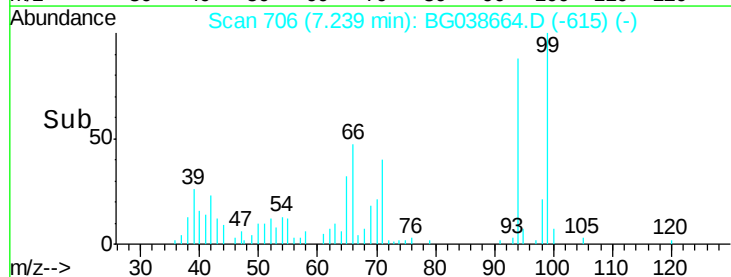
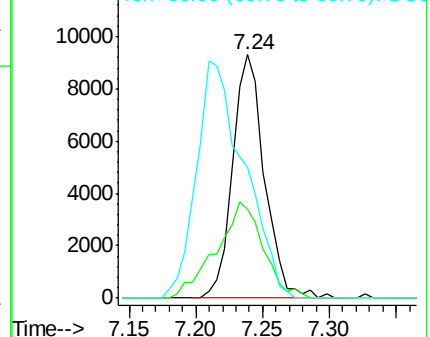
94 100

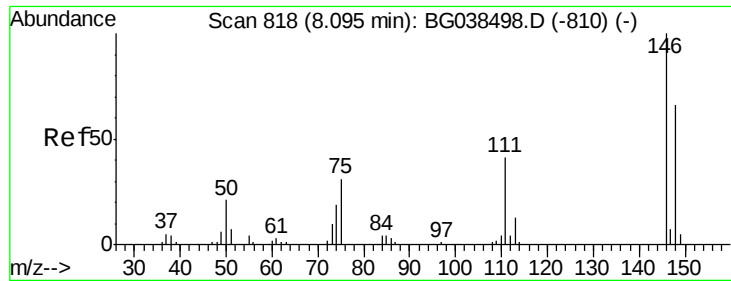
65 36.6 12.6 52.6

66 53.9 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

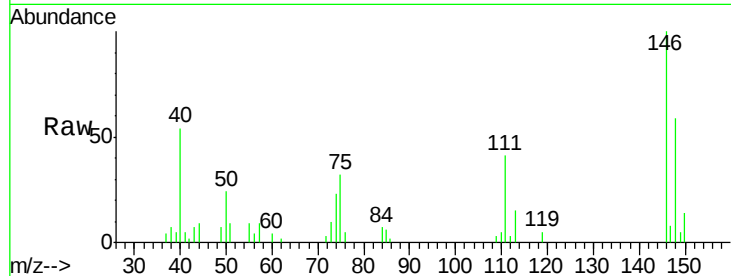




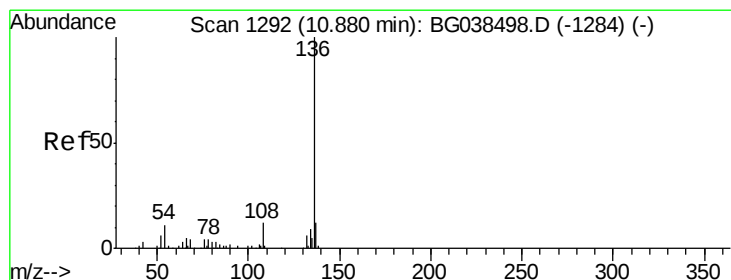
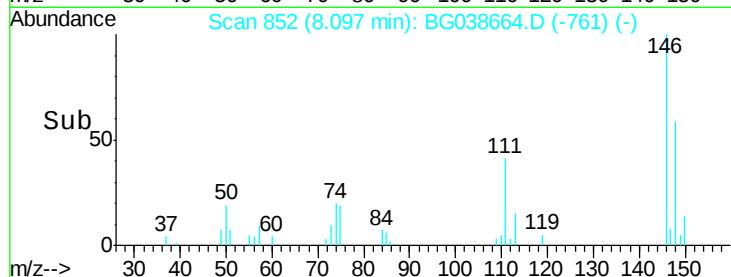
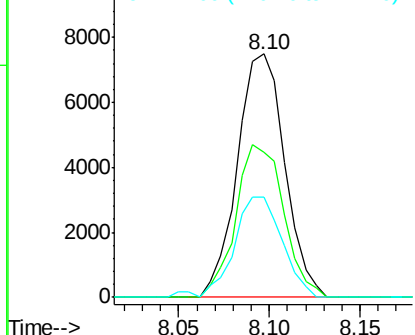
#13
 1,4-Dichlorobenzene
 Concen: 8.641 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038664.D
 Acq: 17 Dec 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD013-0612-01

Tgt Ion:146 Resp: 13722
 Ion Ratio Lower Upper
 146 100
 148 59.4 52.4 78.6
 111 41.0 33.0 49.4

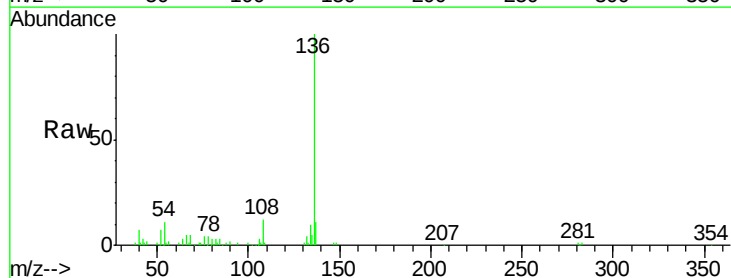


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

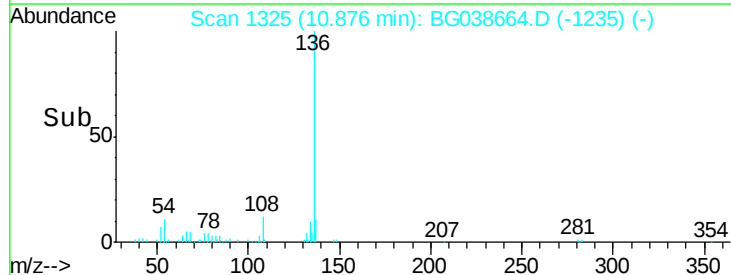
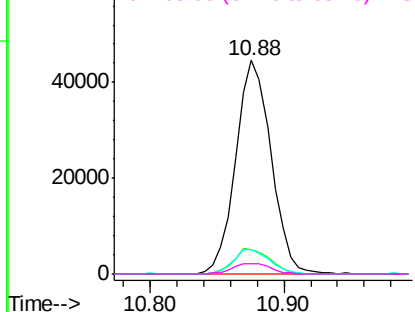


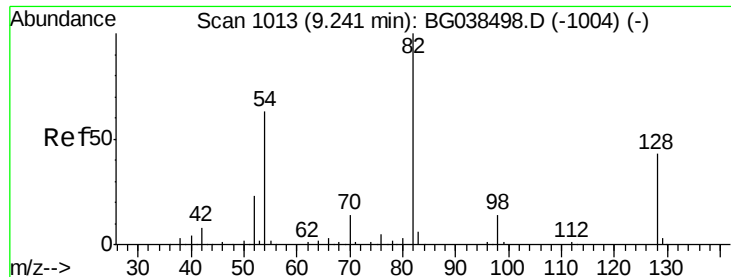
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG038664.D
 Acq: 17 Dec 2018 15:44

Tgt Ion:136 Resp: 81685
 Ion Ratio Lower Upper
 136 100
 137 11.4 9.3 13.9
 54 11.2 8.5 12.7
 68 4.6 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

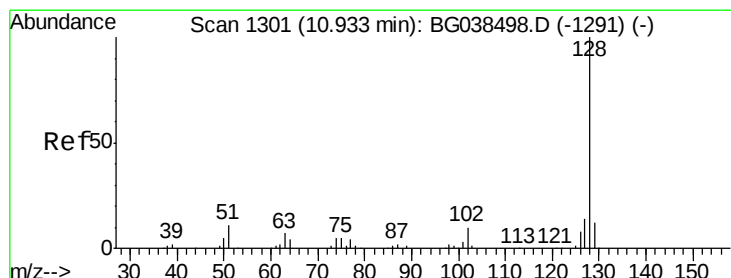
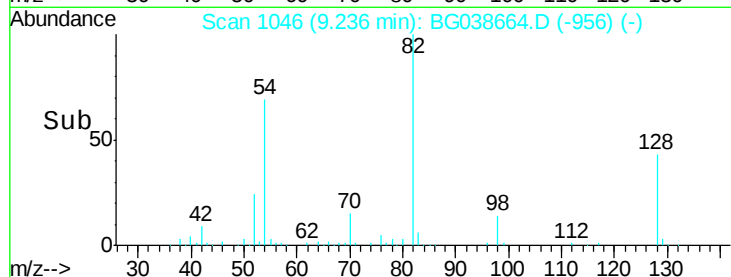
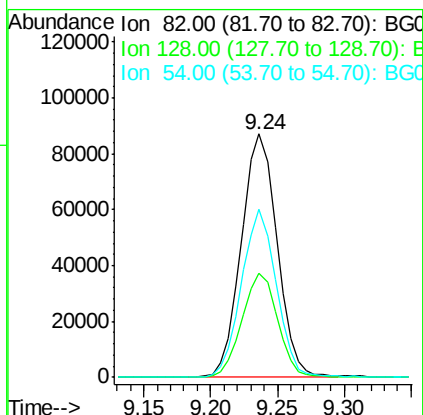
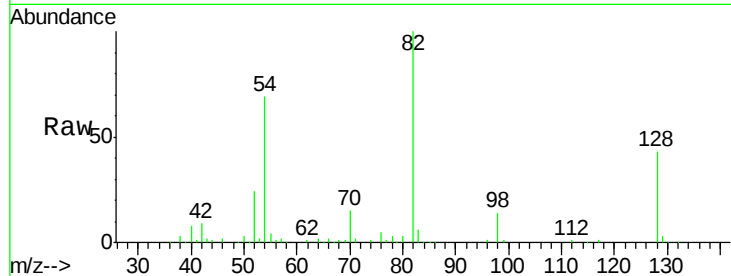




#23
Nitrobenzene-d5
Concen: 101.082 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

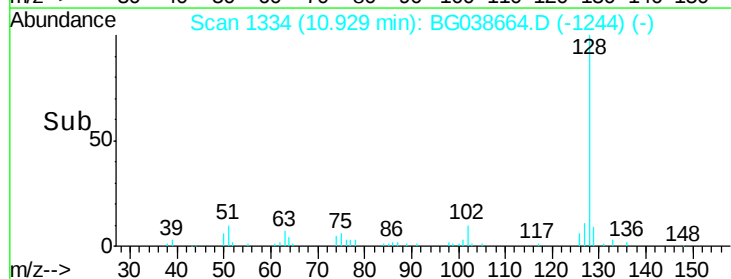
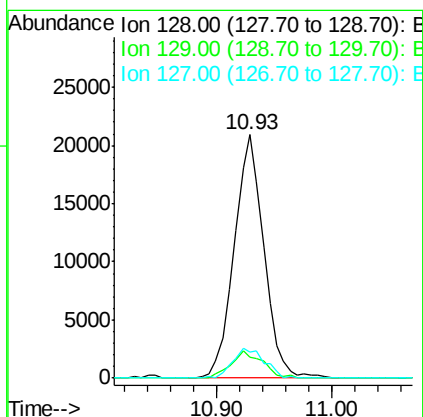
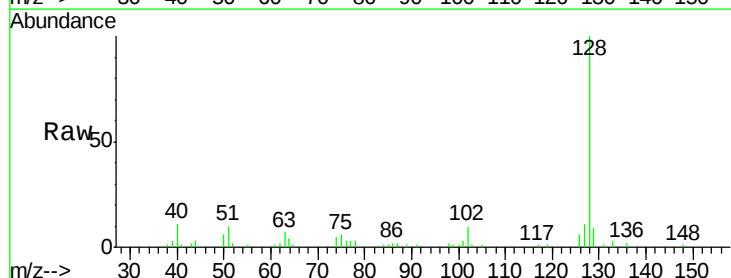
Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

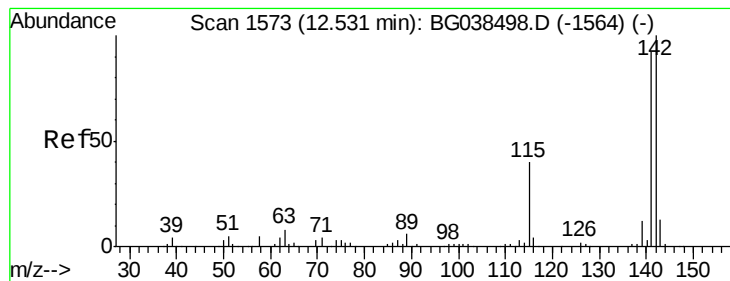
Tgt Ion: 82 Resp: 161624
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 68.9 50.6 76.0



#31
Naphthalene
Concen: 9.245 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion: 128 Resp: 37209
Ion Ratio Lower Upper
128 100
129 8.6 9.5 14.3#
127 10.9 10.9 16.3





#37

2-Methylnaphthalene

Concen: 8.129 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

Instrument :

BNA_G

ClientSampleId :

P001-SD013-0612-01

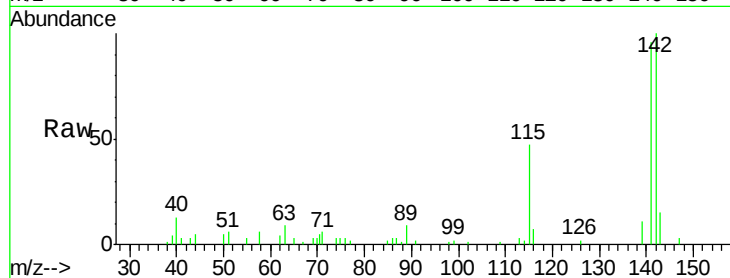
Tgt Ion:142 Resp: 23340

Ion Ratio Lower Upper

142 100

141 96.4 73.5 110.3

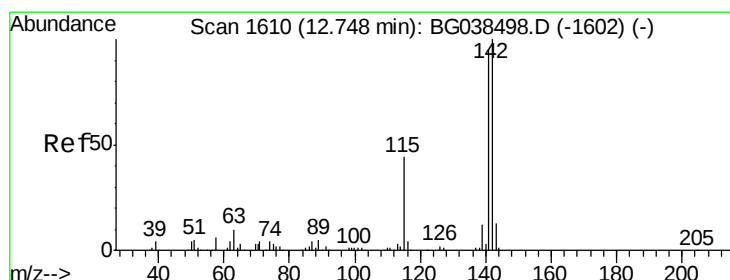
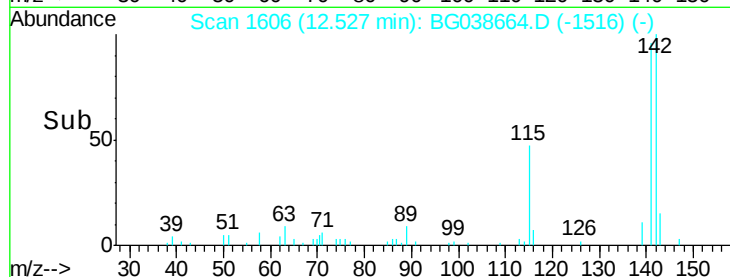
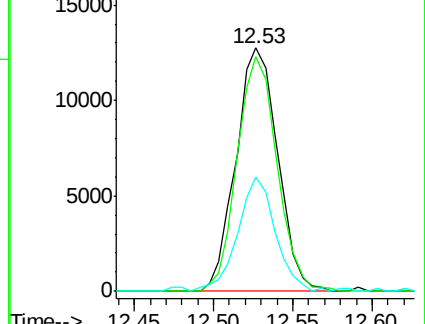
115 47.0 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 4.846 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

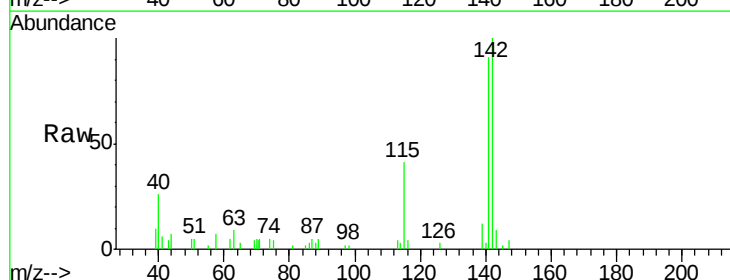
Tgt Ion:142 Resp: 13501

Ion Ratio Lower Upper

142 100

141 91.4 75.8 113.8

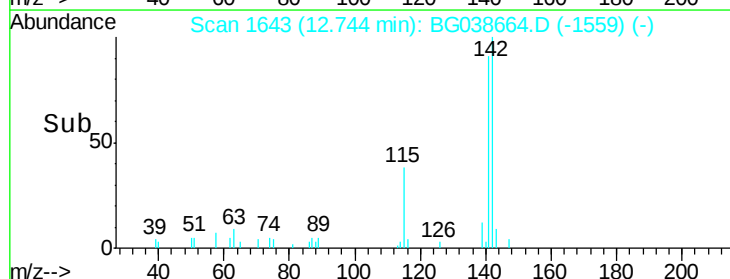
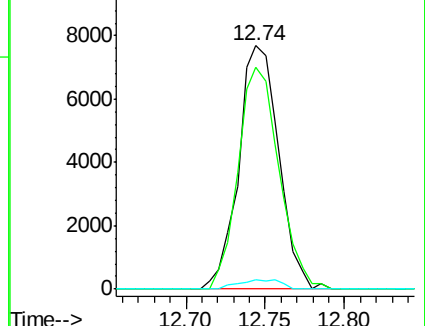
116 3.9 3.6 5.4

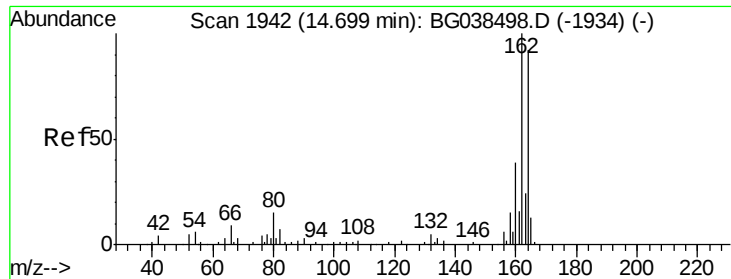


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

Instrument :

BNA_G

ClientSampleId :

P001-SD013-0612-01

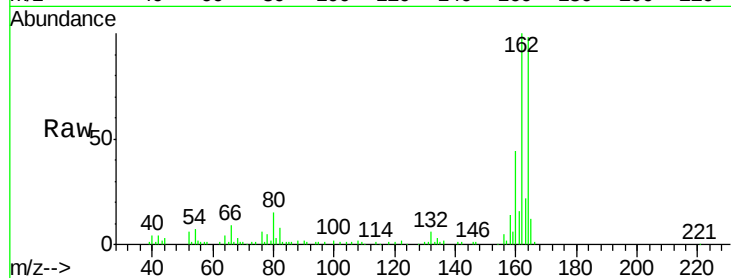
Tgt Ion:164 Resp: 53988

Ion Ratio Lower Upper

164 100

162 102.3 86.6 130.0

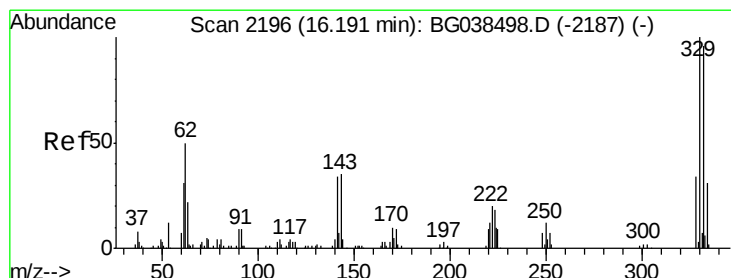
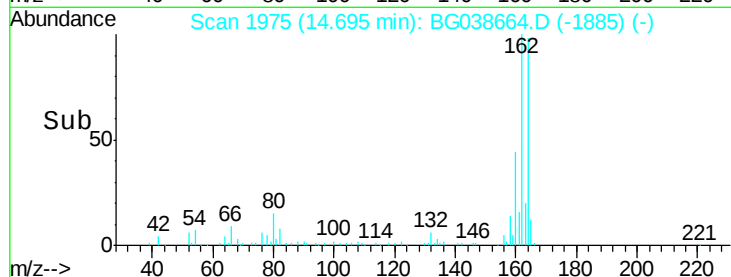
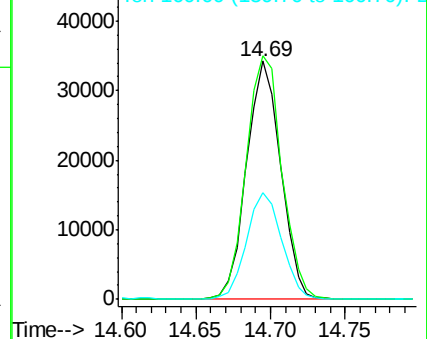
160 44.8 34.2 51.2



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: 157.165 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

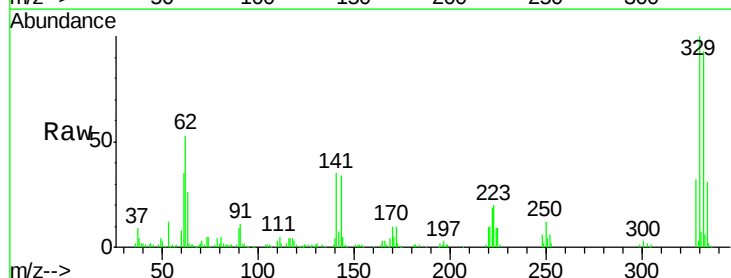
Tgt Ion:330 Resp: 116939

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

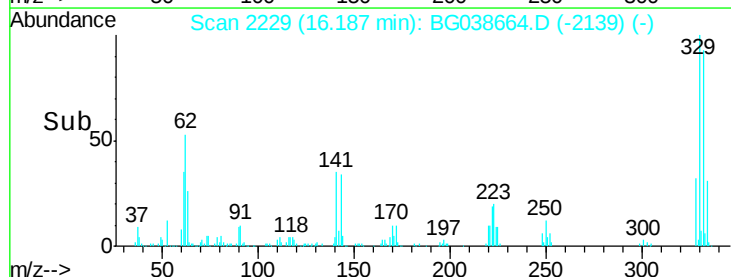
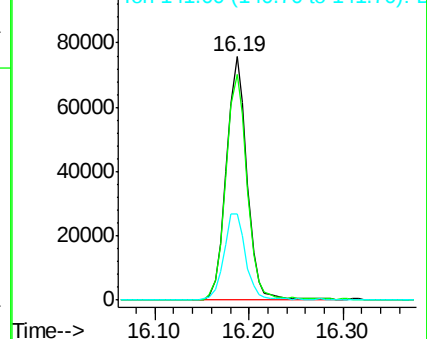
141 37.9 28.8 43.2

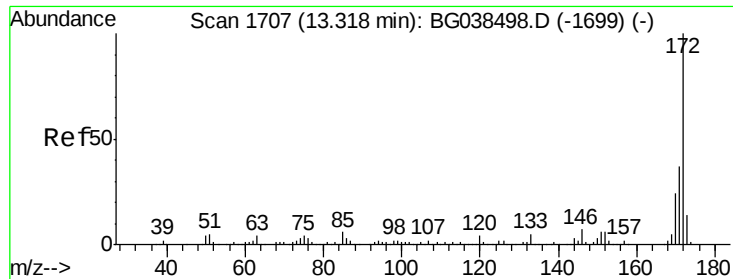


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

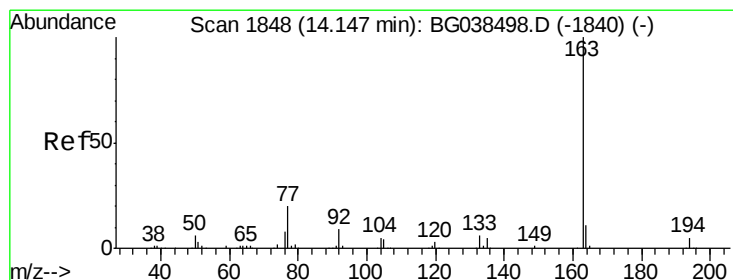
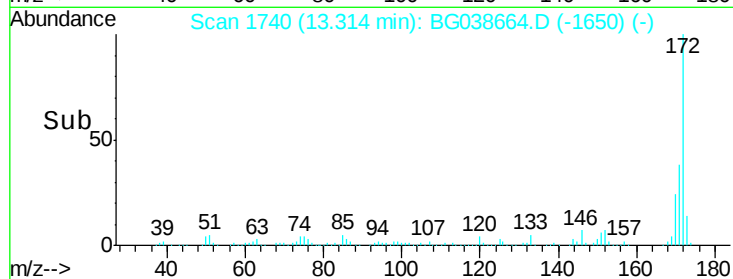
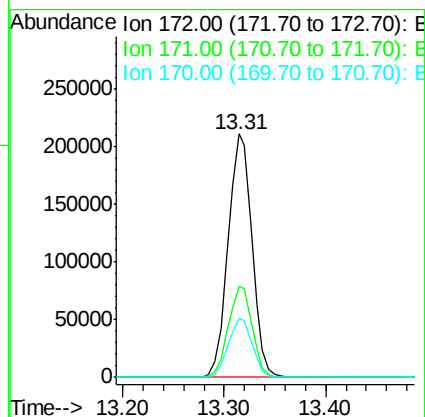
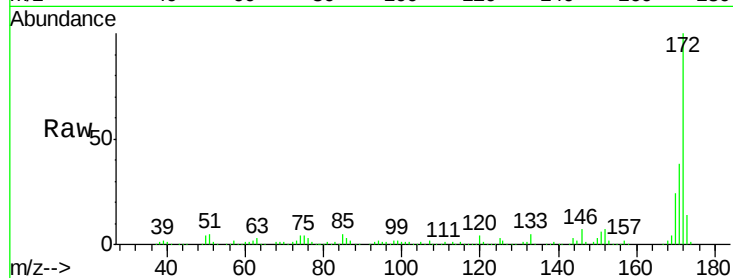




#45
 2-Fluorobiphenyl
 Concen: 87.432 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038664.D
 Acq: 17 Dec 2018 15:44

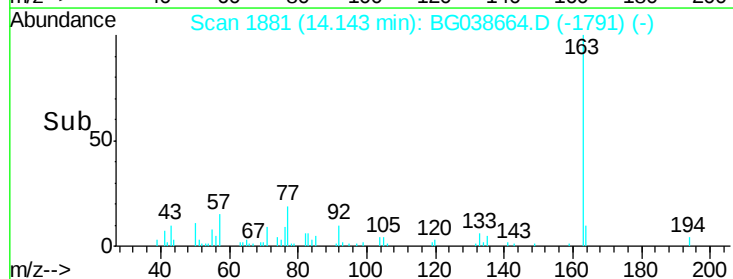
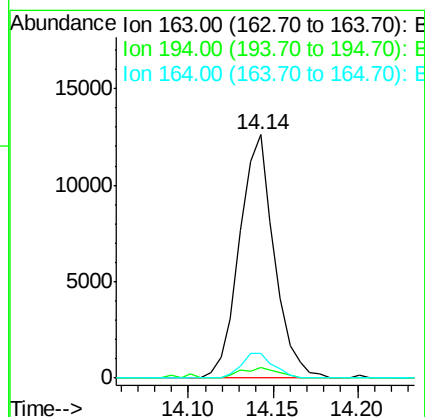
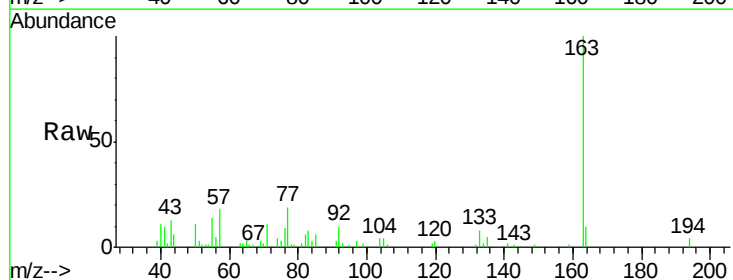
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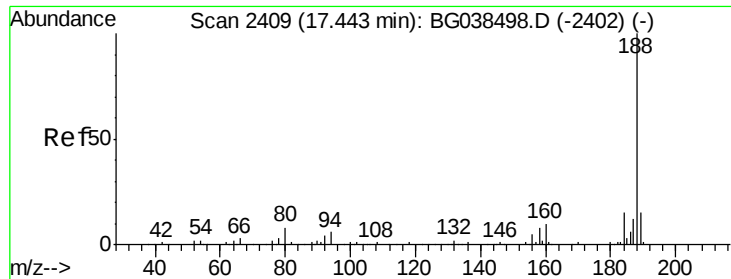
Tgt Ion:172 Resp: 344082
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 24.3 19.5 29.3



#50
 Dimethylphthalate
 Concen: 4.106 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038664.D
 Acq: 17 Dec 2018 15:44

Tgt Ion:163 Resp: 18103
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.7 5.5
 164 10.4 8.6 12.8

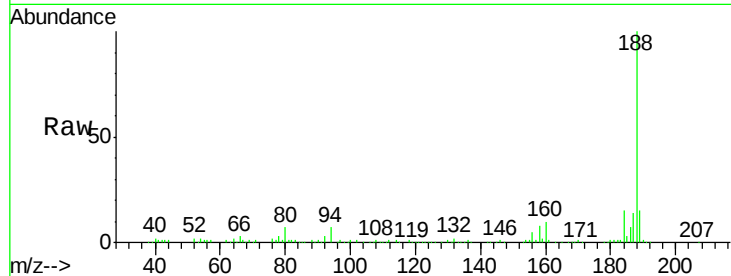




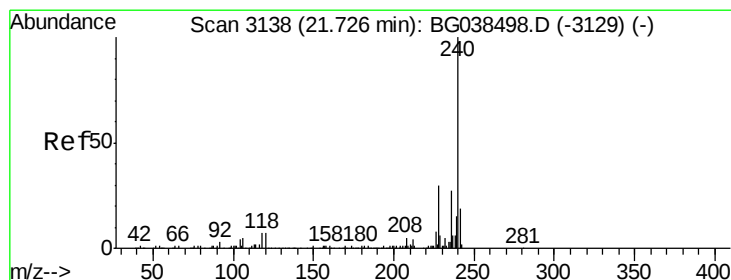
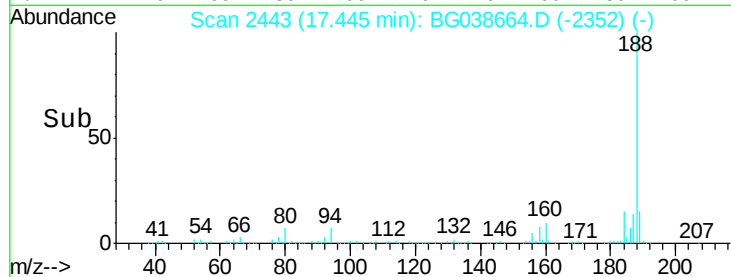
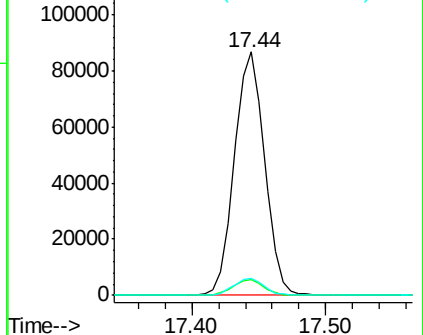
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:188 Resp: 136340
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 6.8 6.1 9.1

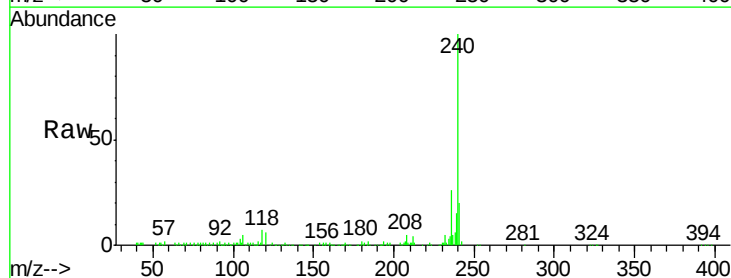


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

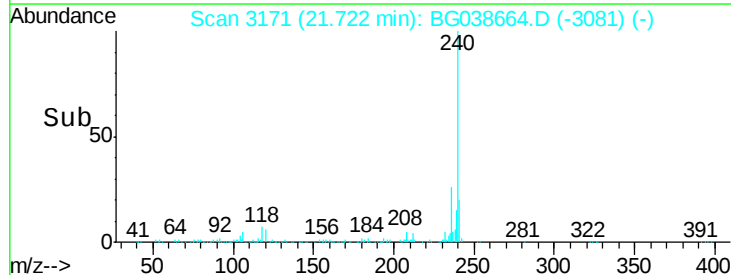
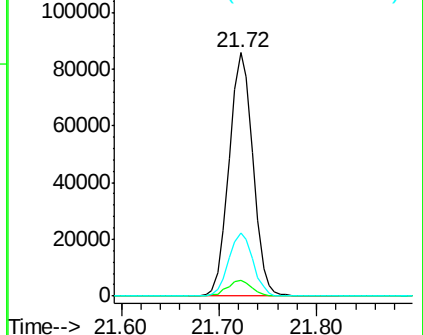


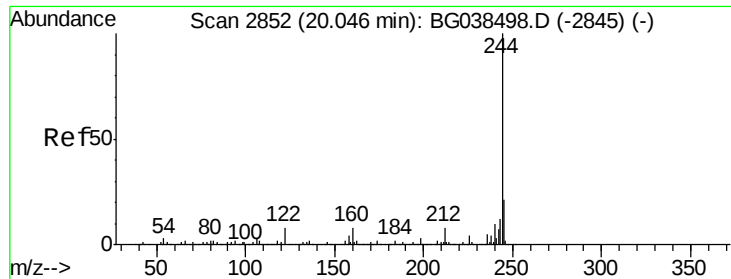
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:240 Resp: 145950
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.0 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: 93.238 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

Instrument :

BNA_G

ClientSampleId :

P001-SD013-0612-01

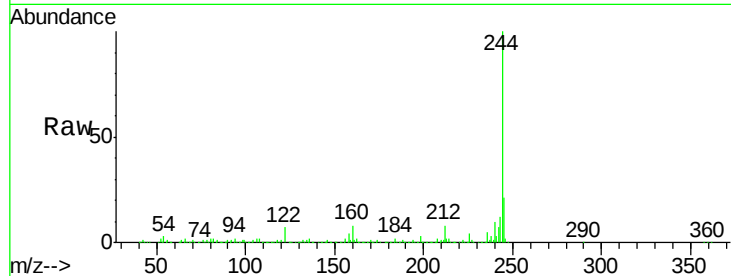
Tgt Ion:244 Resp: 625273

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

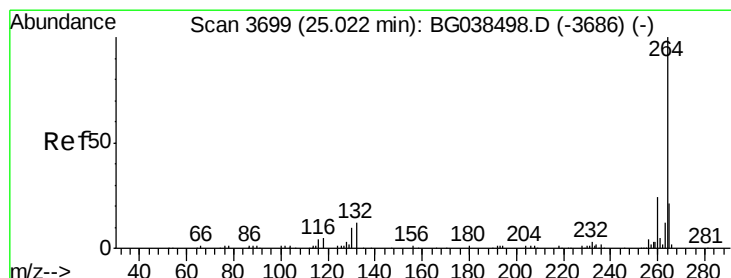
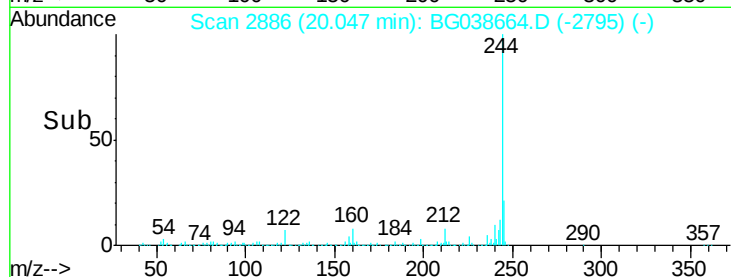
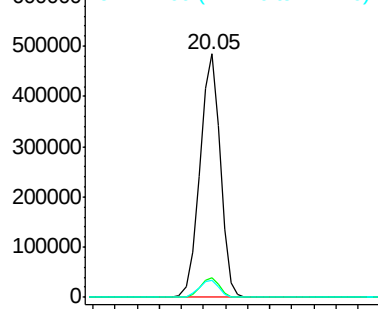
122 7.0 6.3 9.5



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

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038664.D

Acq: 17 Dec 2018 15:44

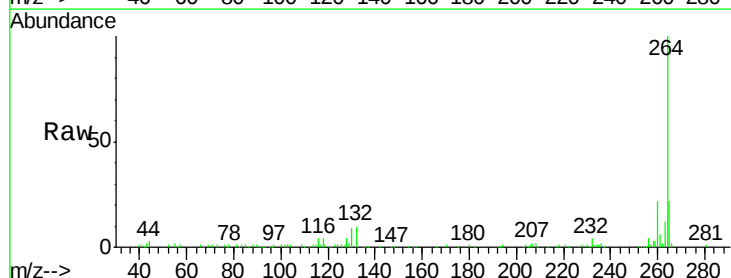
Tgt Ion:264 Resp: 160459

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.7 17.0 25.4



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

