

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038544.D
 Acq On : 13 Dec 2018 22:40
 Operator : JU/SJ
 Sample : J6357-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Quant Time: Dec 14 00:48:08 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

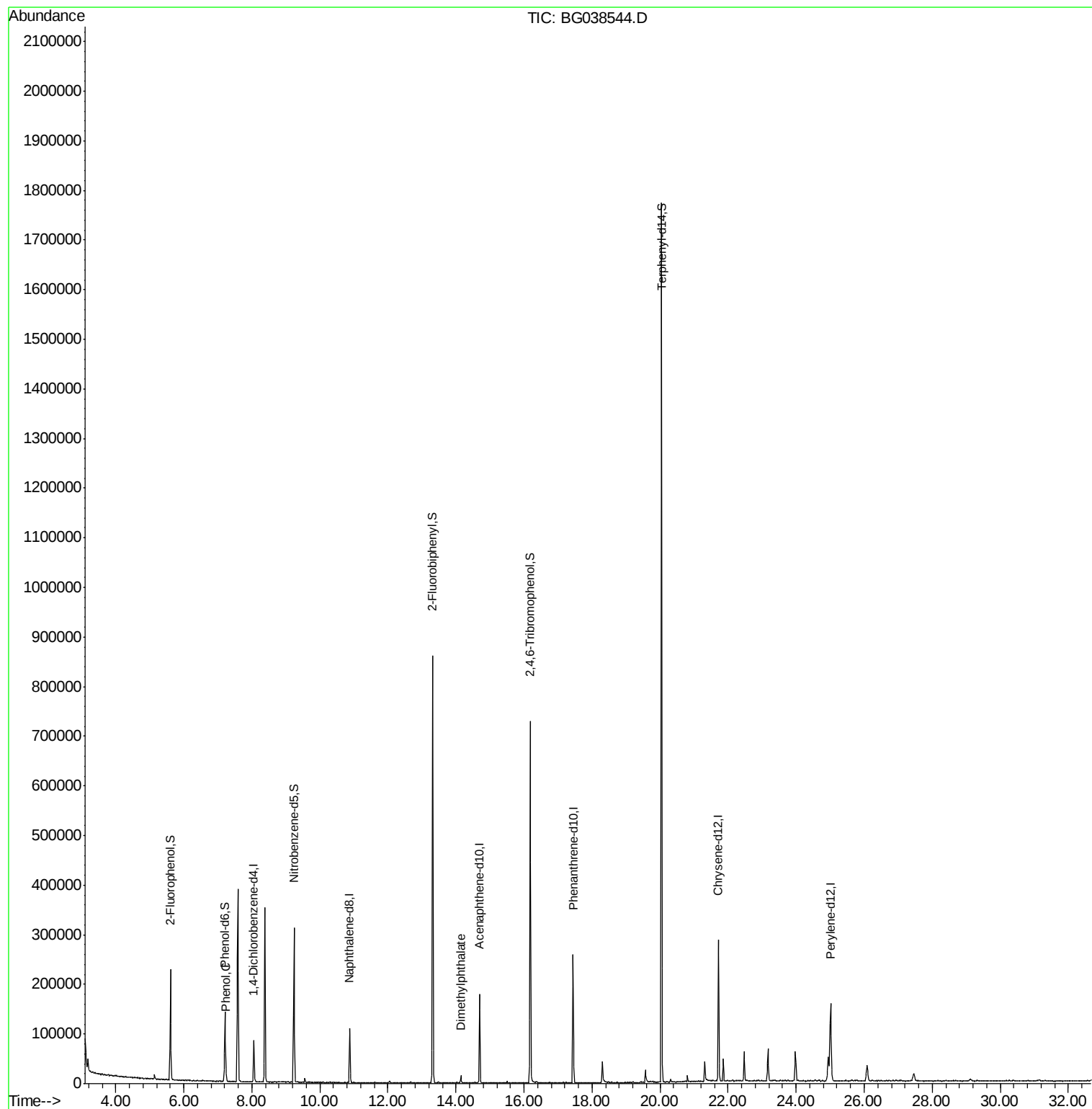
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24218	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	96982	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	65084	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	170473	20.00	ng	0.00
76) Chrysene-d12	21.72	240	175045	20.00	ng	0.00
87) Perylene-d12	25.01	264	186303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	94970	69.55	ng	0.00
7) Phenol-d6	7.21	99	81162	43.30	ng	0.00
23) Nitrobenzene-d5	9.24	82	191300	100.77	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	141792	158.08	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	452251	95.33	ng	0.00
79) Terphenyl-d14	20.04	244	834785	103.79	ng	0.00
Target Compounds						
10) Phenol	7.23	94	9936	4.989	ng	91
50) Dimethylphthalate	14.14	163	12778	2.404	ng	99

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

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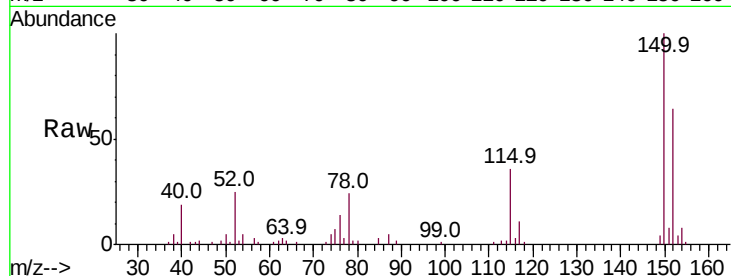


#1

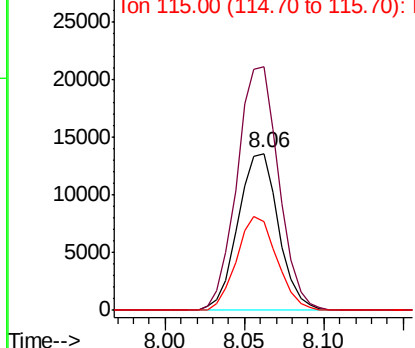
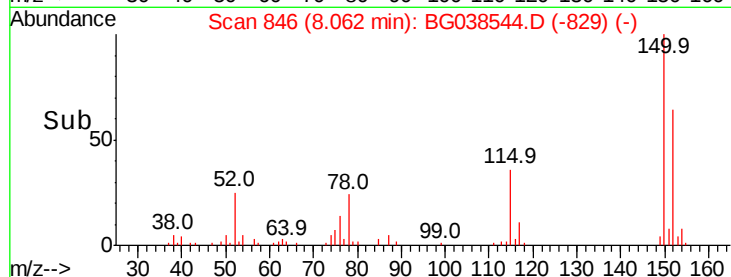
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038544.D
Acq: 13 Dec 2018 22:40

Instrument :
BNA_G
ClientSampled :
TWP-02

Tot Ion:152 Resp: 24218
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 56.4 49.6 74.4



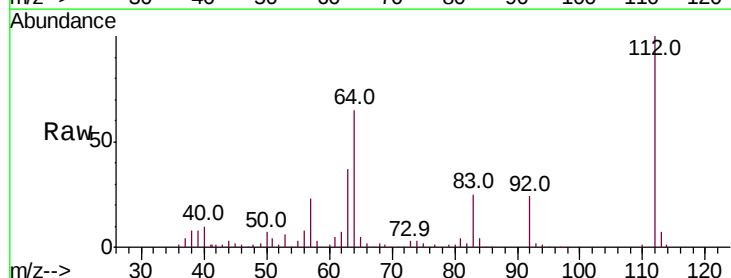
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



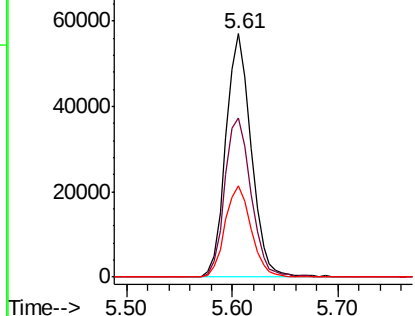
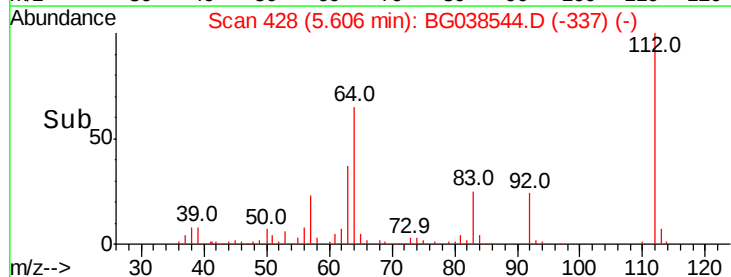
#5

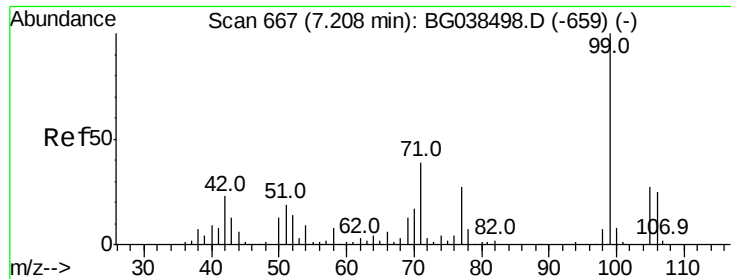
2-Fluorophenol
Concen: 69.553 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038544.D
Acq: 13 Dec 2018 22:40

Tgt Ion:112 Resp: 94970
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 37.5 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: 43.299 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038544.D

Acq: 13 Dec 2018 22:40

Instrument :

BNA_G

ClientSampleId :

TWP-02

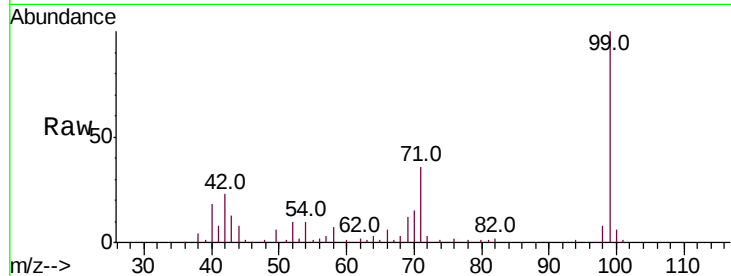
Tot Ion: 99 Resp: 81162

Ion Ratio Lower Upper

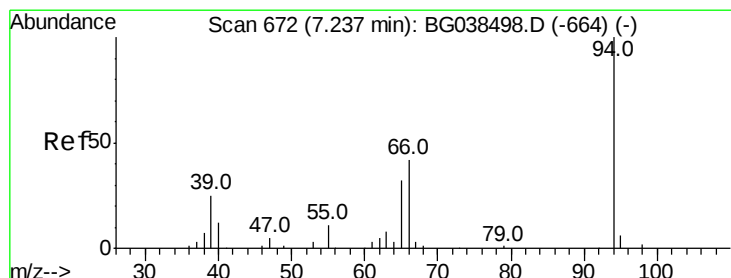
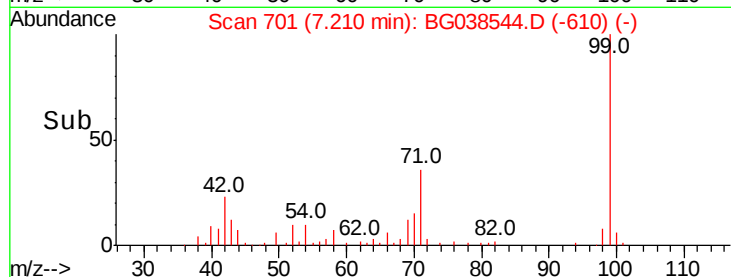
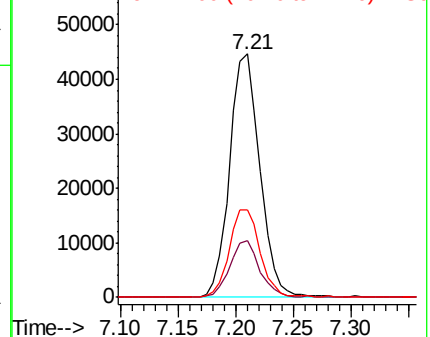
99 100

42 23.2 18.5 27.7

71 36.0 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: 4.989 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038544.D

Acq: 13 Dec 2018 22:40

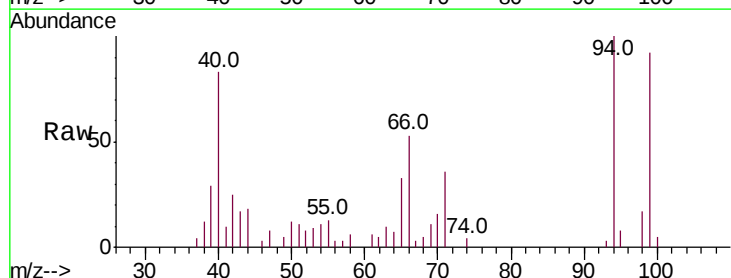
Tgt Ion: 94 Resp: 9936

Ion Ratio Lower Upper

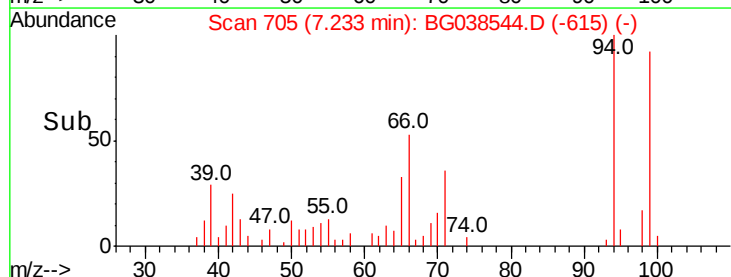
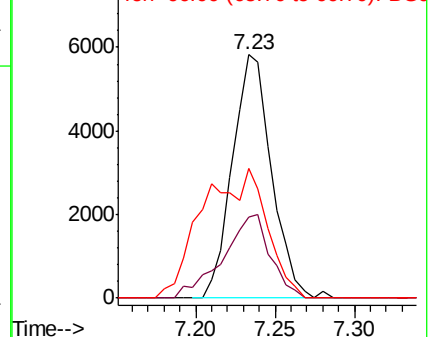
94 100

65 33.3 12.6 52.6

66 53.3 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

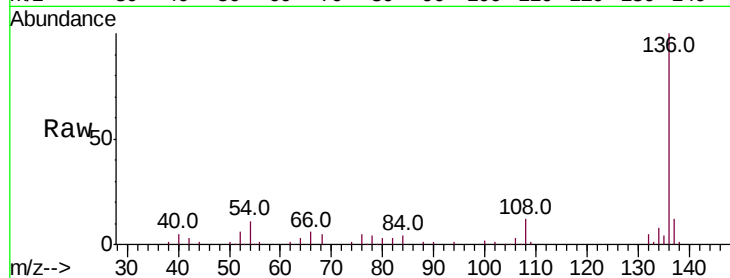




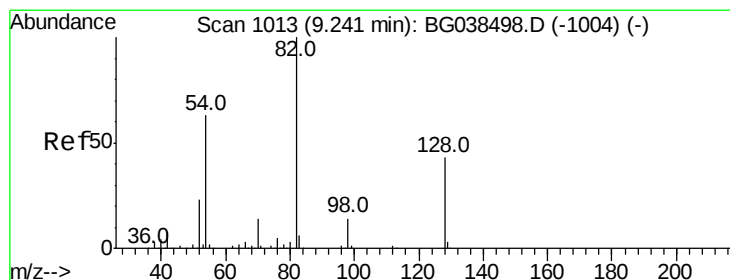
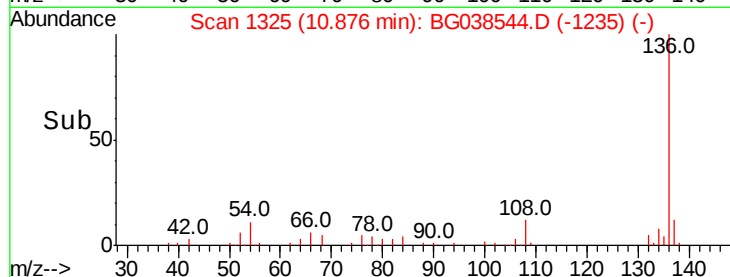
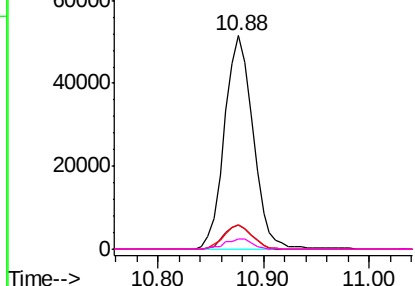
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038544.D
Acq: 13 Dec 2018 22:40

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tot Ion:136	Resp:	96982	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.3	13.9	
54 11.1	8.5	12.7	
68 4.6	3.5	5.3	

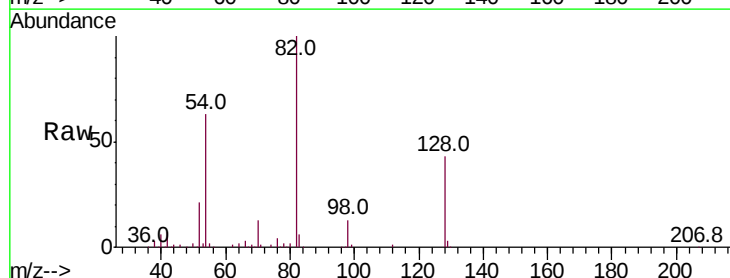


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

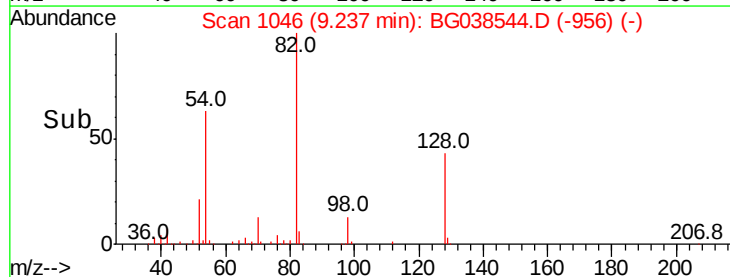
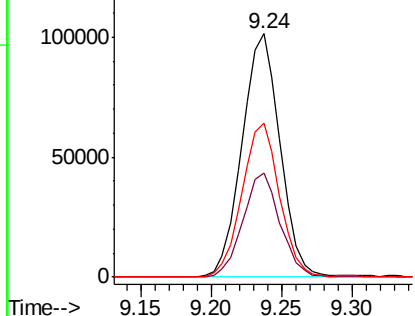


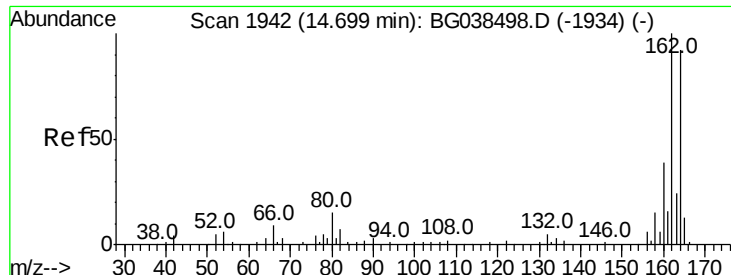
#23
Nitrobenzene-d5
Concen: 100.771 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038544.D
Acq: 13 Dec 2018 22:40

Tgt Ion: 82	Resp: 191300
Ion Ratio	Lower Upper
82 100	
128 42.8	34.6 52.0
54 63.3	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: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038544.D

Acq: 13 Dec 2018 22:40

Instrument :

BNA_G

ClientSampled :

TWP-02

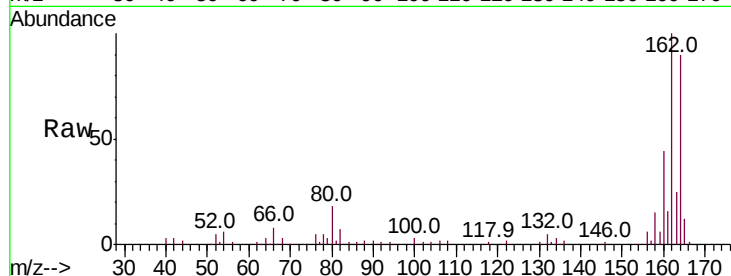
Tot Ion:164 Resp: 65084

Ion Ratio Lower Upper

164 100

162 111.5 86.6 130.0

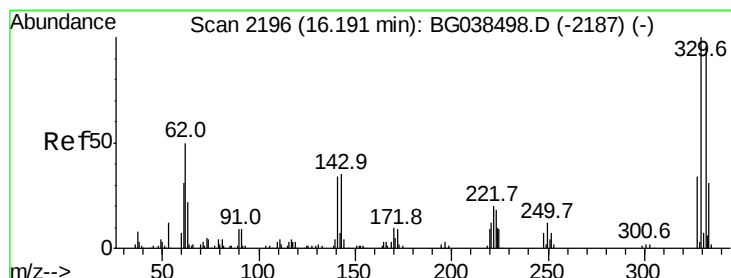
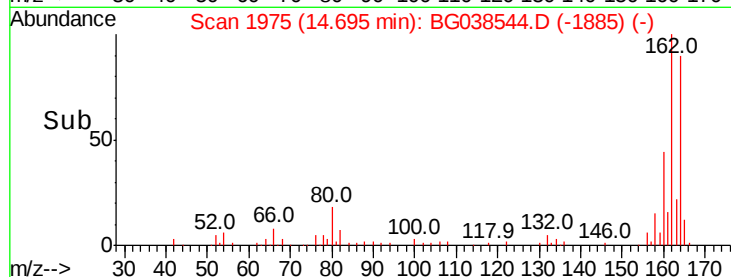
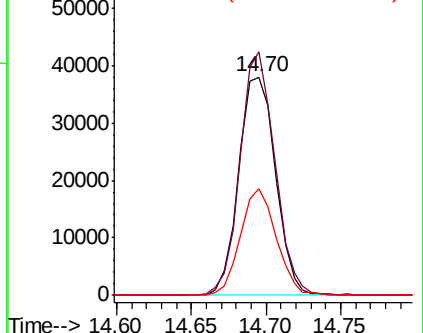
160 48.8 34.2 51.2



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: 158.078 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038544.D

Acq: 13 Dec 2018 22:40

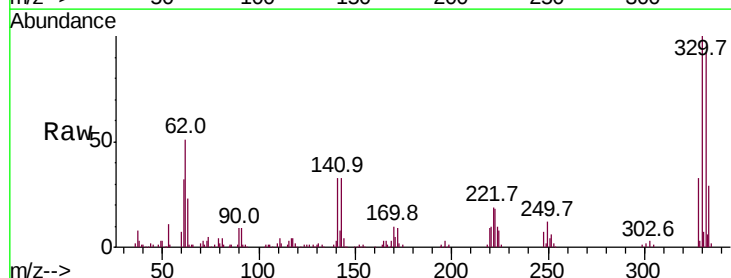
Tgt Ion:330 Resp: 141792

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

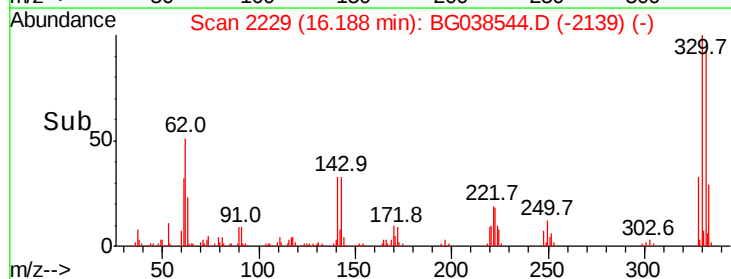
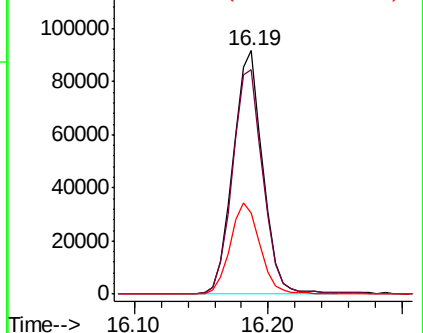
141 37.9 28.8 43.2

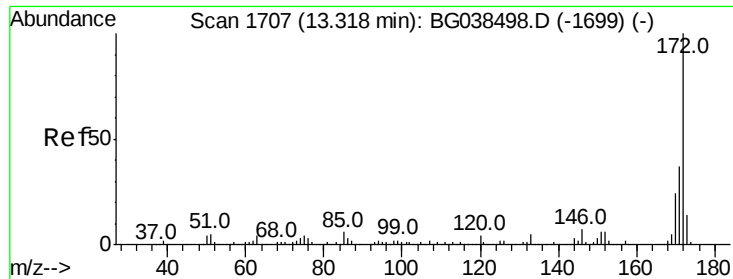


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

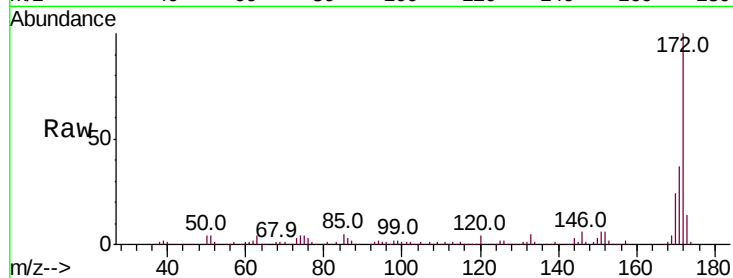




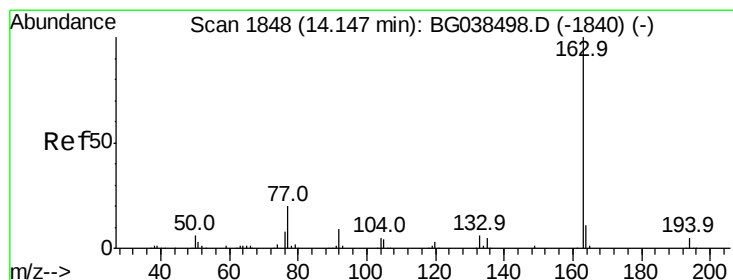
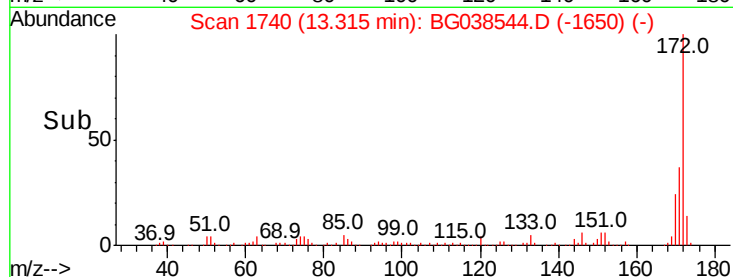
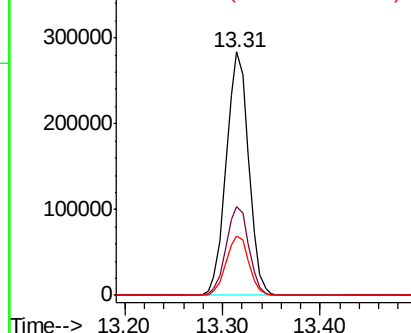
#45
 2-Fluorobiphenyl
 Concen: 95.326 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038544.D
 Acq: 13 Dec 2018 22:40

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Tot Ion:172 Resp: 452251
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.3 19.5 29.3

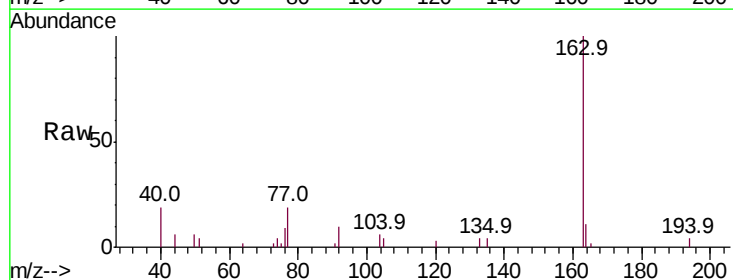


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

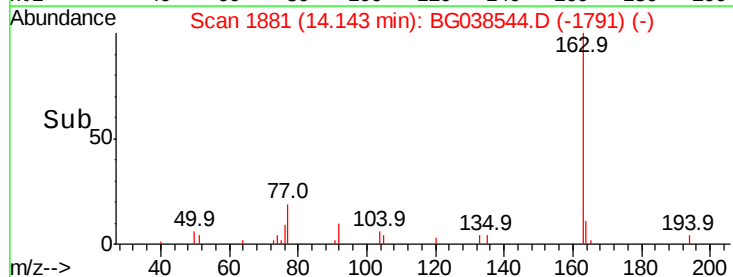
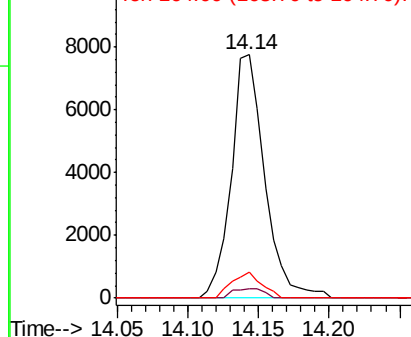


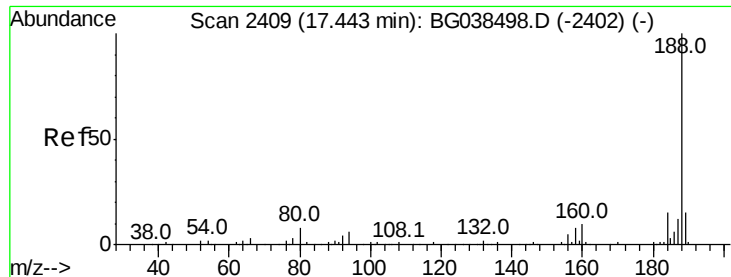
#50
 Dimethylphthalate
 Concen: 2.404 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038544.D
 Acq: 13 Dec 2018 22:40

Tgt Ion:163 Resp: 12778
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.7 5.5
 164 10.7 8.6 12.8



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

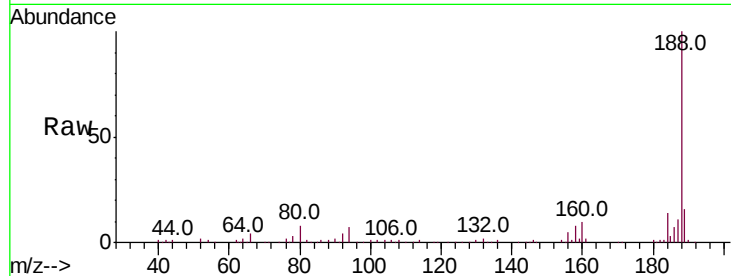




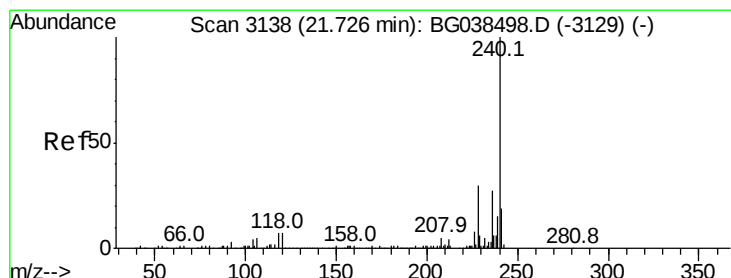
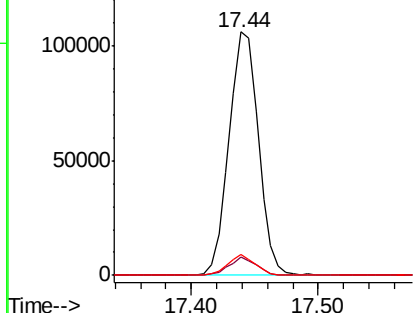
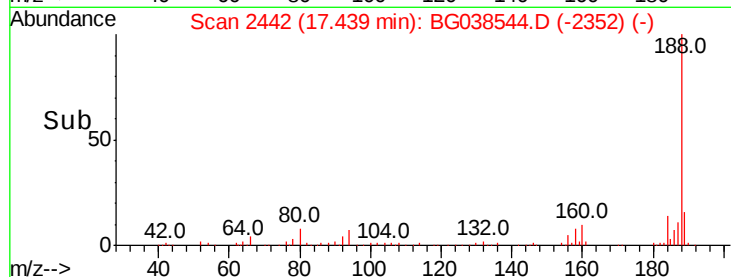
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038544.D
Acq: 13 Dec 2018 22:40

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tot Ion:188 Resp: 170473
Ion Ratio Lower Upper
188 100
94 7.3 5.1 7.7
80 8.5 6.1 9.1

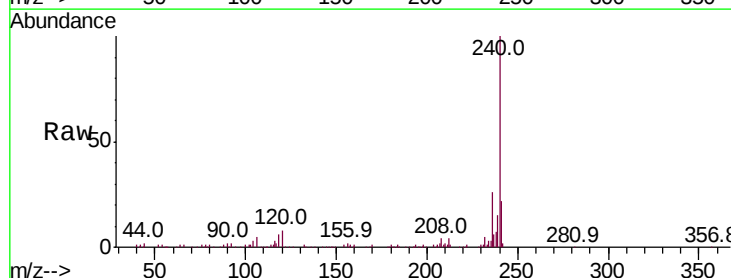


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

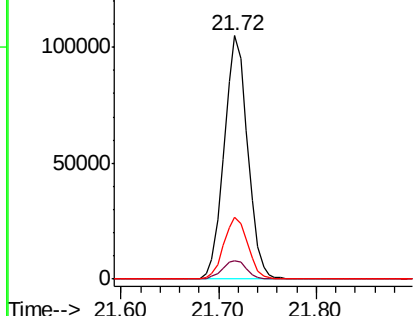
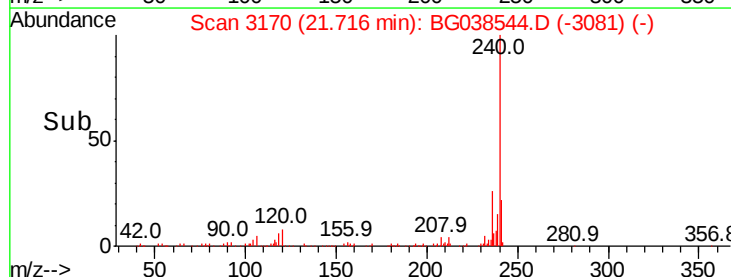


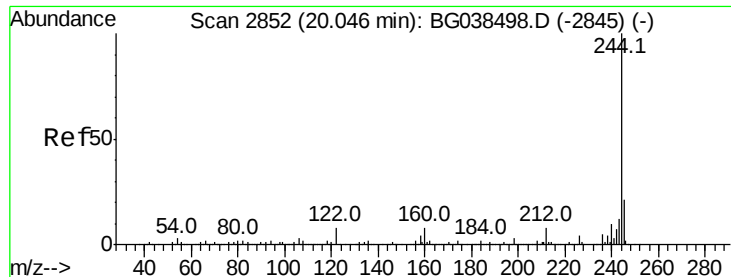
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038544.D
Acq: 13 Dec 2018 22:40

Tgt Ion:240 Resp: 175045
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 25.6 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: 103.789 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038544.D

Acq: 13 Dec 2018 22:40

Instrument :

BNA_G

ClientSampleId :

TWP-02

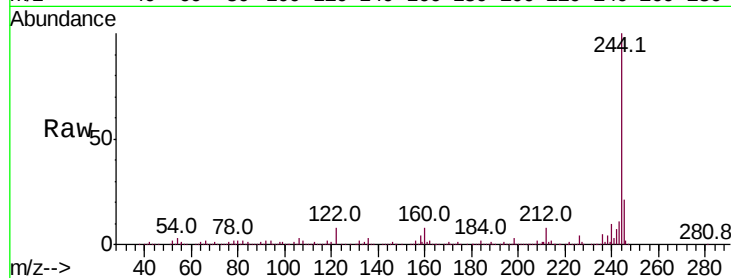
Tot Ion:244 Resp: 834785

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

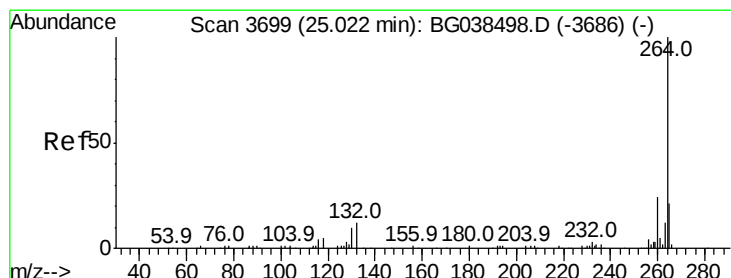
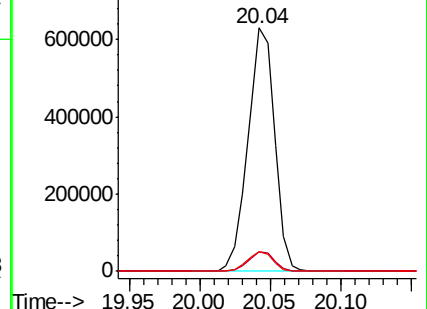
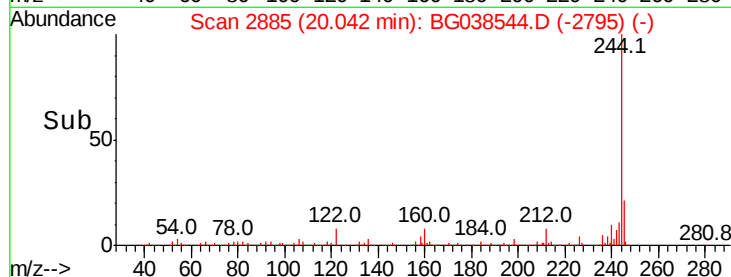
122 8.3 6.3 9.5



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

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038544.D

Acq: 13 Dec 2018 22:40

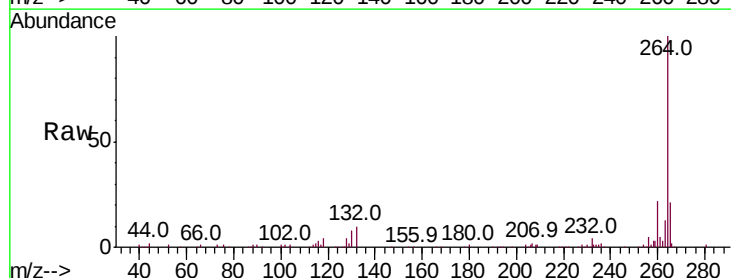
Tgt Ion:264 Resp: 186303

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.9 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

