

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037653.D
 Acq On : 30 Oct 2018 14:44
 Operator : JU/SJ
 Sample : J5724-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WHITE-BAG(NEAR-BERM)

Quant Time: Oct 30 15:30:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

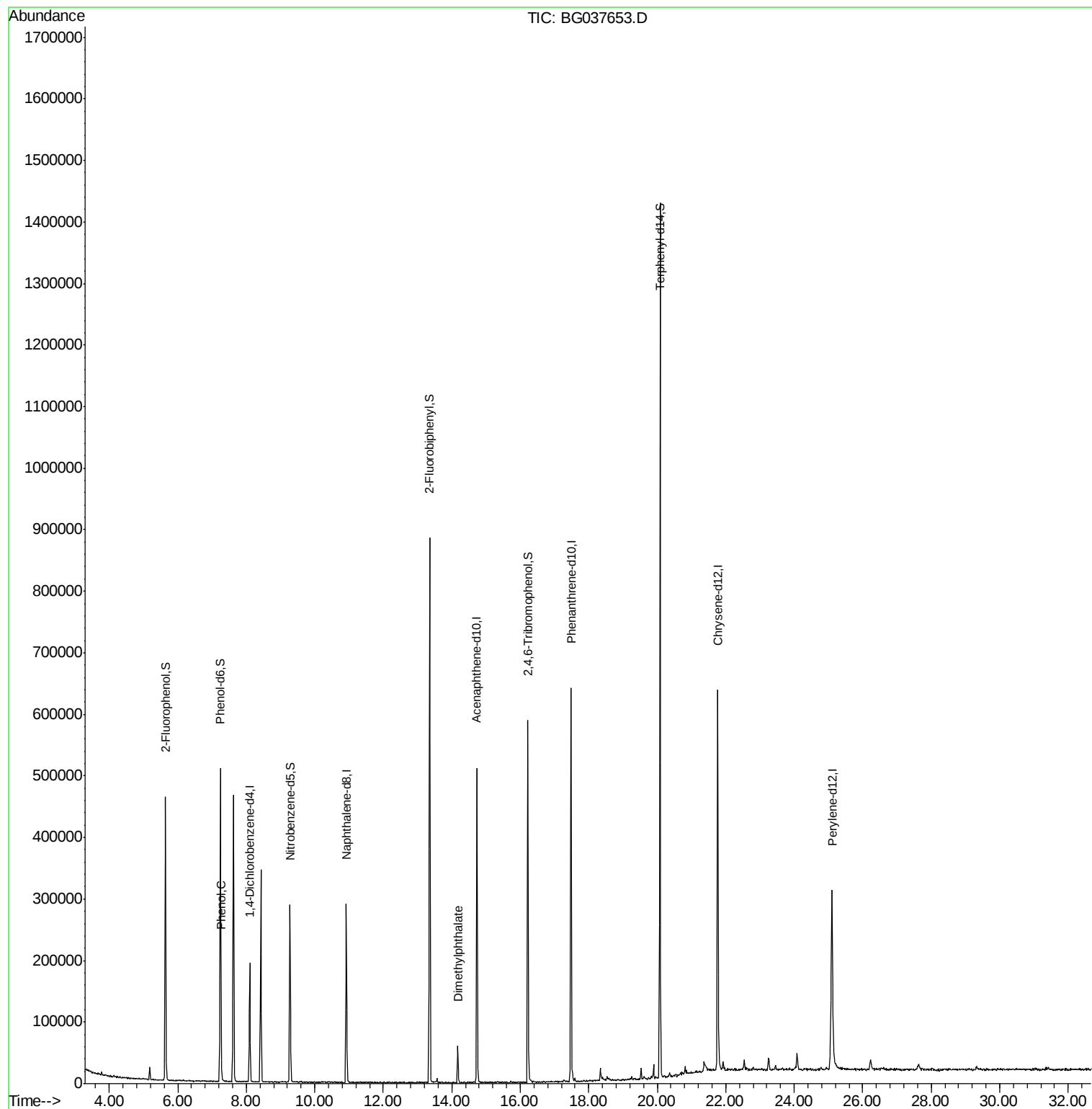
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57966	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	260718	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	181812	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	425028	20.00	ng	0.00
76) Chrysene-d12	21.77	240	382860	20.00	ng	0.00
87) Perylene-d12	25.10	264	373549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	215763	62.23	ng	0.00
7) Phenol-d6	7.24	99	321855	61.39	ng	0.00
23) Nitrobenzene-d5	9.28	82	183833	39.50	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	105912	53.41	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	483257	40.08	ng	-0.01
79) Terphenyl-d14	20.08	244	716661	40.00	ng	0.00
Target Compounds						
10) Phenol	7.27	94	22012	3.979	ng	94
50) Dimethylphthalate	14.18	163	43596	3.100	ng	99

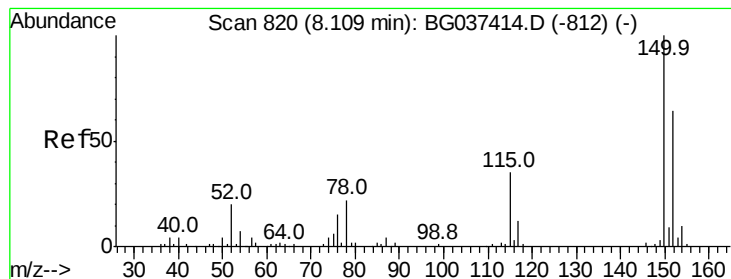
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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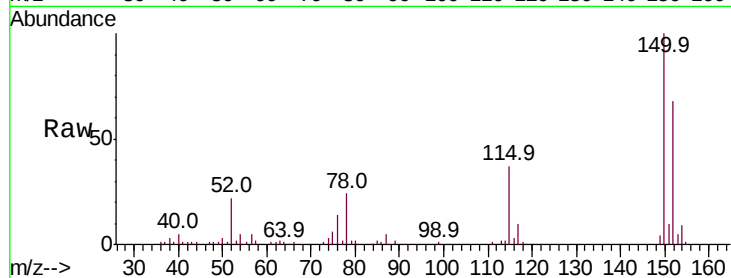


#1

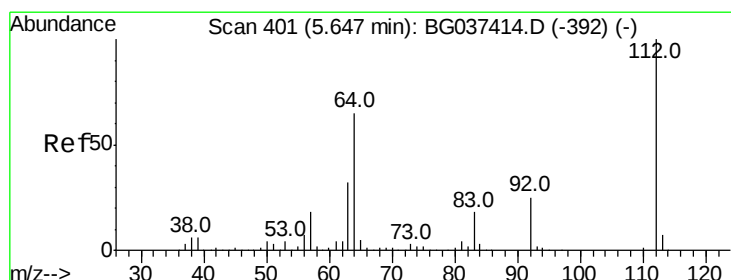
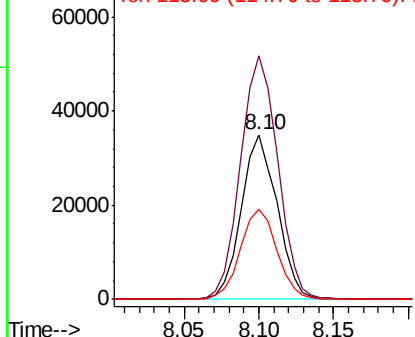
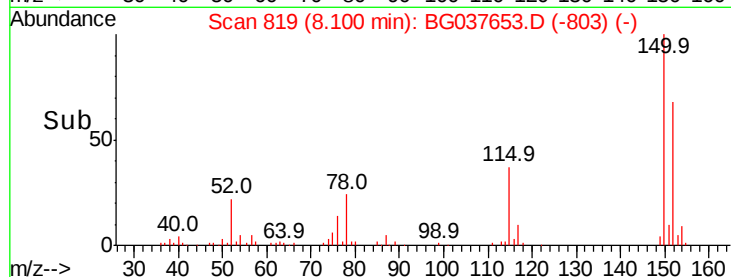
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037653.D
Acq: 30 Oct 2018 14:44

Instrument :
BNA_G
ClientSampleId :
WHITE-BAG(NEAR-BERM)

Tot Ion:152 Resp: 57966
Ion Ratio Lower Upper
152 100
150 148.0 126.0 189.0
115 54.9 45.5 68.3



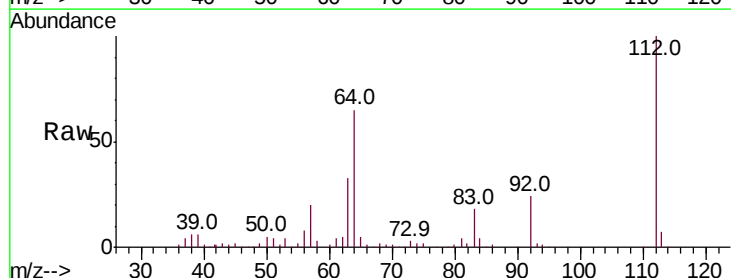
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



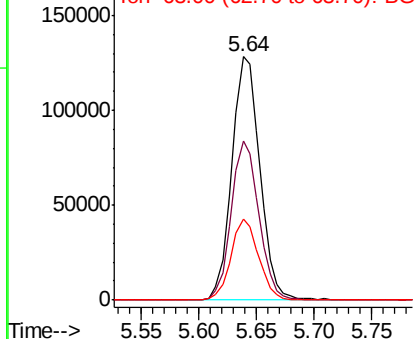
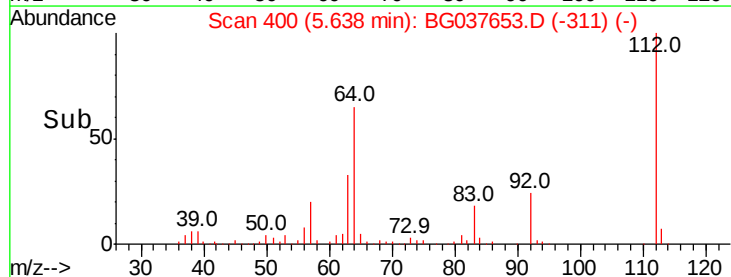
#5

2-Fluorophenol
Concen: 62.230 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037653.D
Acq: 30 Oct 2018 14:44

Tgt Ion:112 Resp: 215763
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 33.1 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: 61.390 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WHITE-BAG(NEAR-BERM)

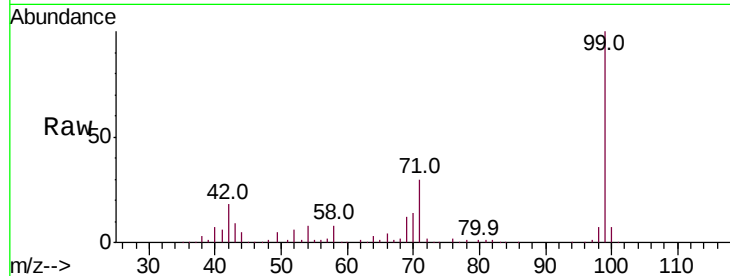
Tot Ion: 99 Resp: 321855

Ion Ratio Lower Upper

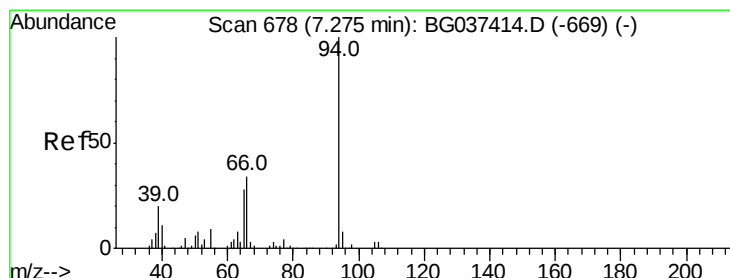
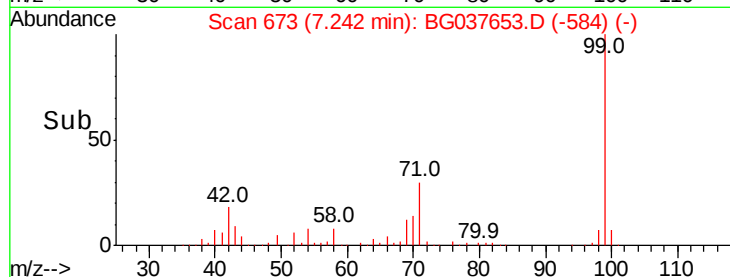
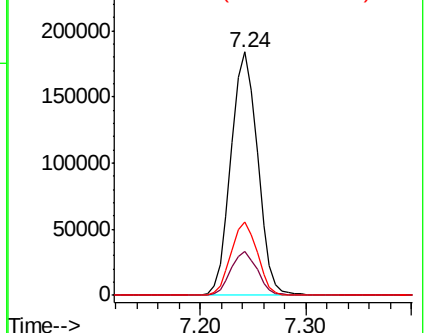
99 100

42 17.9 15.0 22.4

71 29.9 25.5 38.3



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: 3.979 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

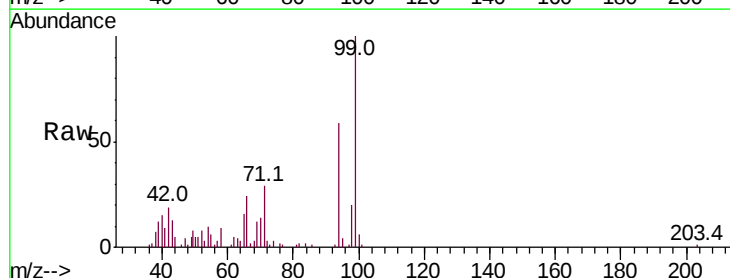
Tgt Ion: 94 Resp: 22012

Ion Ratio Lower Upper

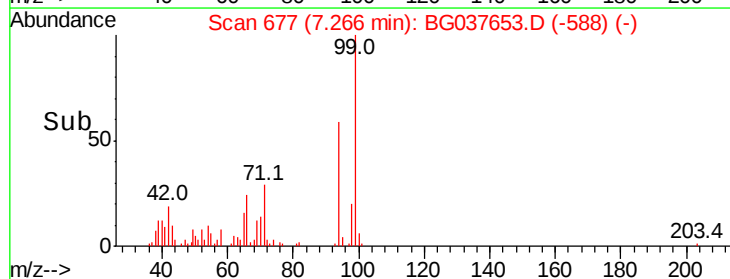
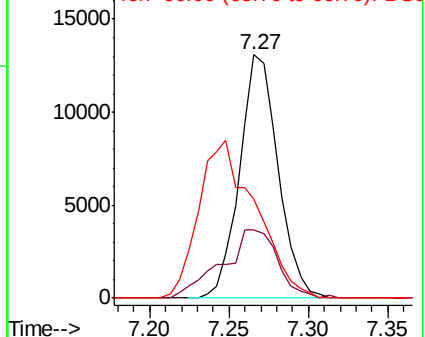
94 100

65 27.8 9.7 49.7

66 40.4 15.9 55.9



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

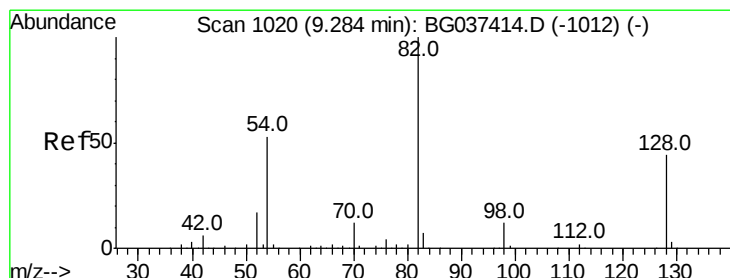
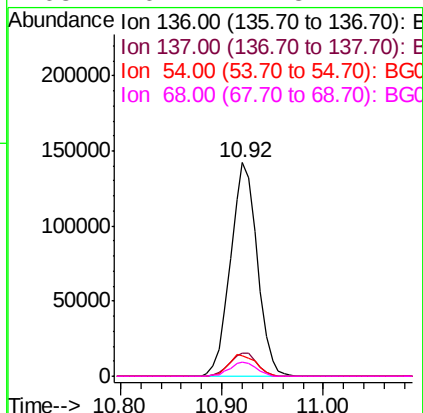
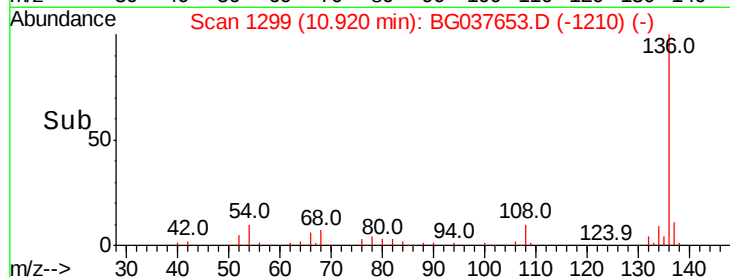
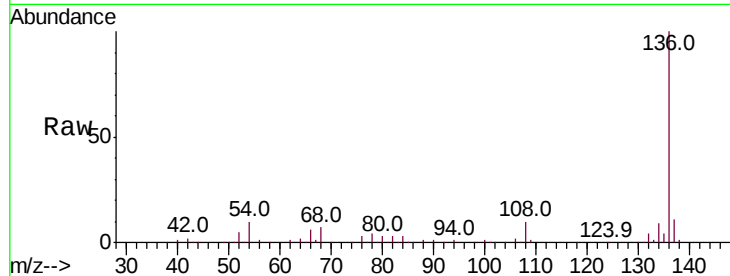




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037653.D
Acq: 30 Oct 2018 14:44

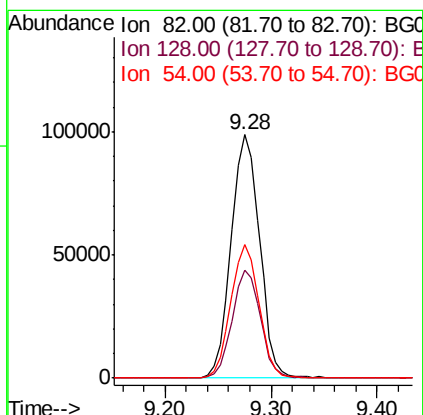
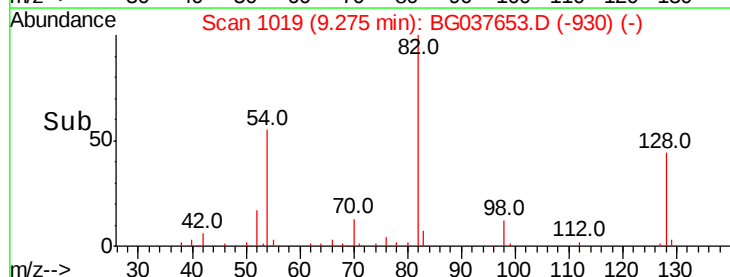
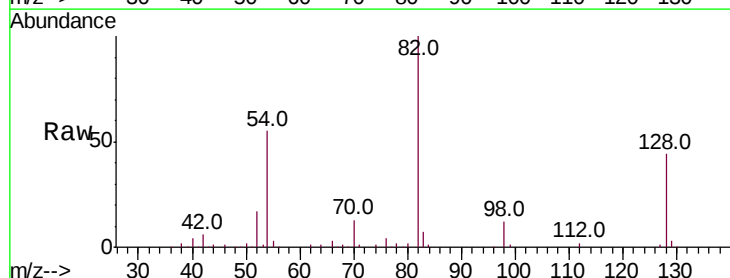
Instrument :
BNA_G
ClientSampleId :
WHITE-BAG(NEAR-BERM)

Tot Ion:	136	Resp:	260718
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.7	7.9	11.9
68	6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 39.499 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037653.D
Acq: 30 Oct 2018 14:44

Tgt Ion:	82	Resp:	183833
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	54.6	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WHITE-BAG(NEAR-BERM)

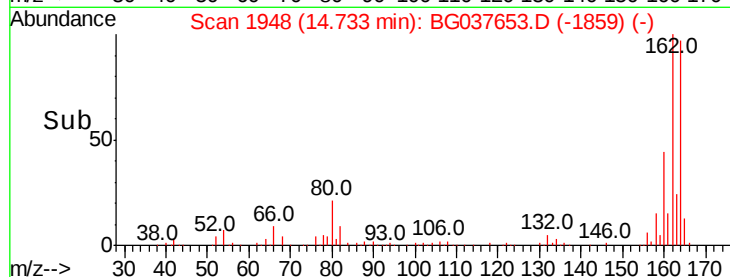
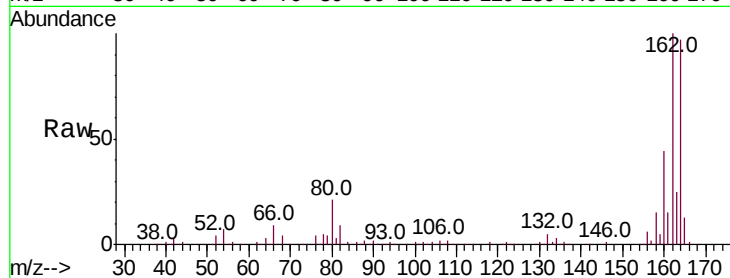
Tot Ion:164 Resp: 181812

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

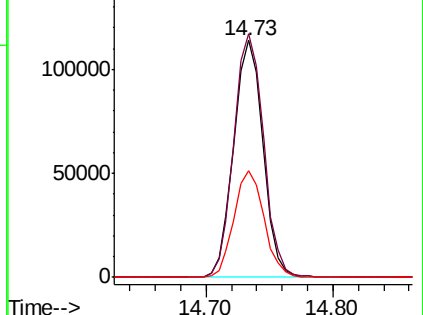
160 45.2 36.3 54.5



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: 53.410 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

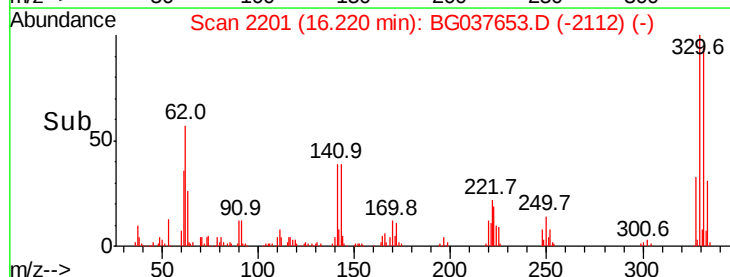
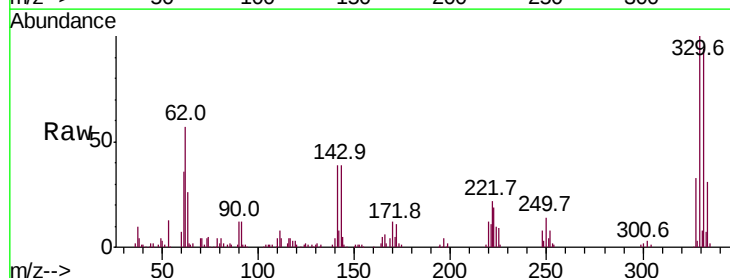
Tgt Ion:330 Resp: 105912

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

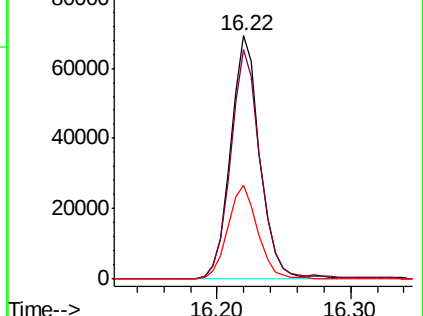
141 39.5 32.2 48.2



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

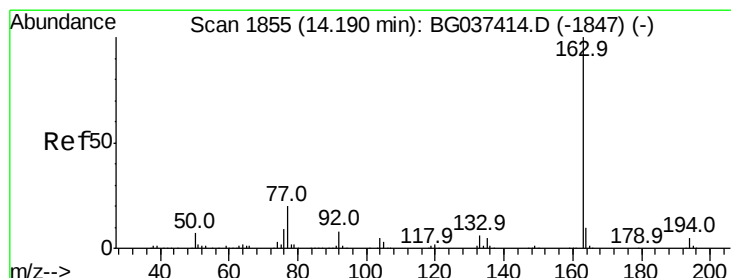
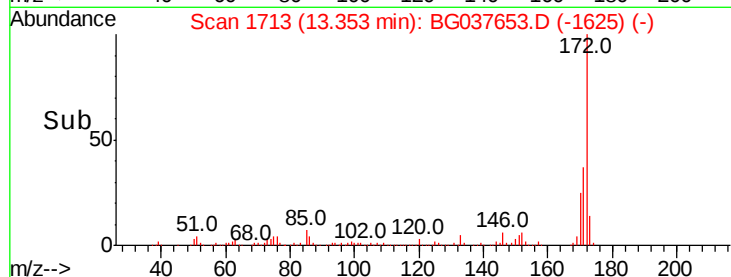
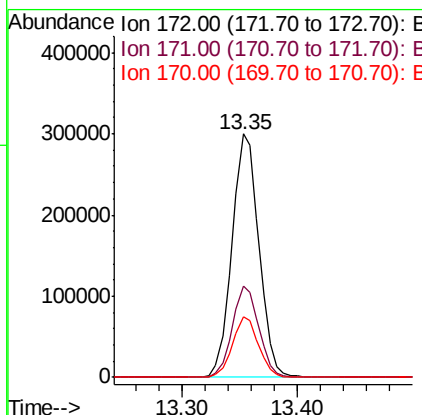
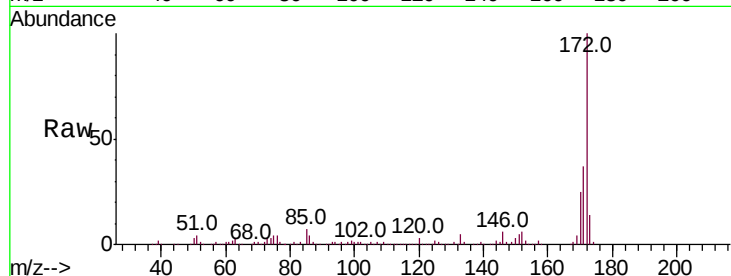




#45
2-Fluorobiphenyl
Concen: 40.081 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037653.D
Acq: 30 Oct 2018 14:44

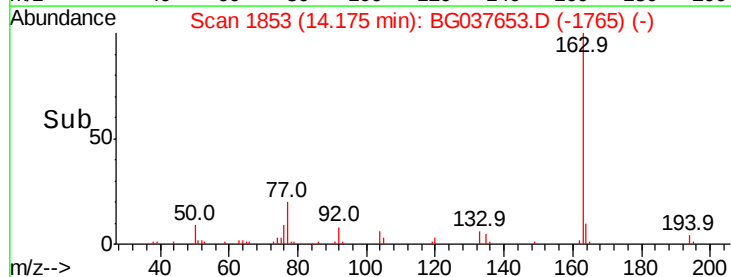
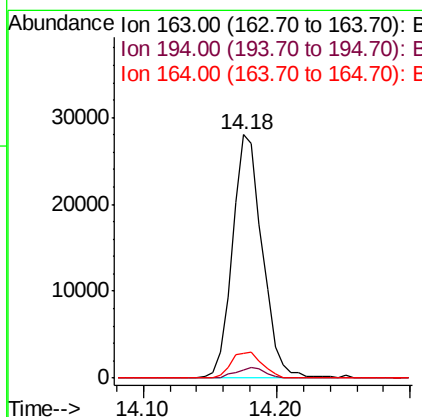
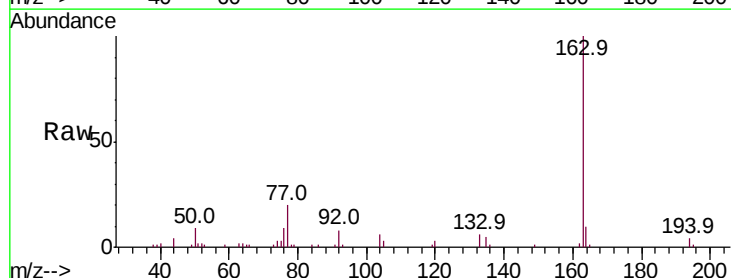
Instrument :
BNA_G
ClientSampleId :
WHITE-BAG(NEAR-BERM)

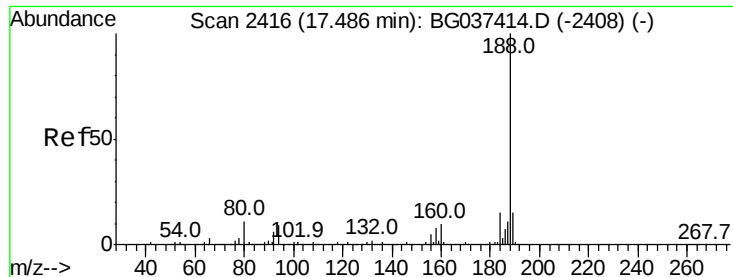
Tot Ion:172 Resp: 483257
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 3.100 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037653.D
Acq: 30 Oct 2018 14:44

Tgt Ion:163 Resp: 43596
Ion Ratio Lower Upper
163 100
194 3.5 3.5 5.3
164 10.3 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

Instrument :

BNA_G

ClientSampleId :

WHITE-BAG(NEAR-BERM)

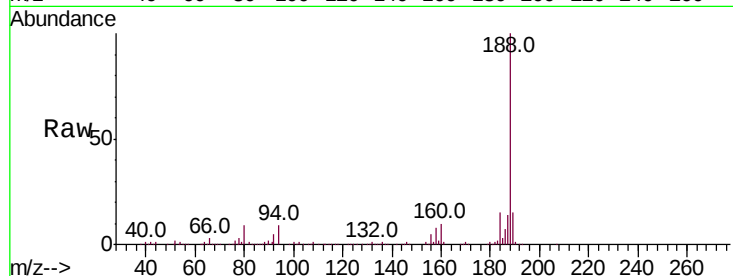
Tot Ion:188 Resp: 425028

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

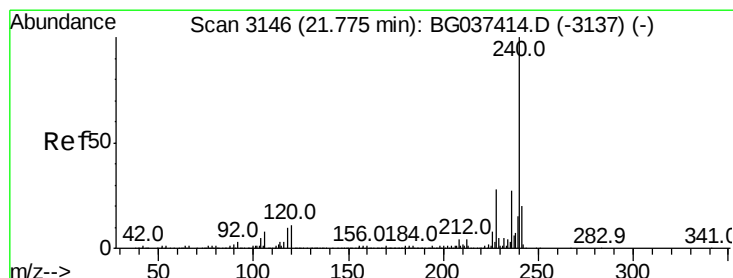
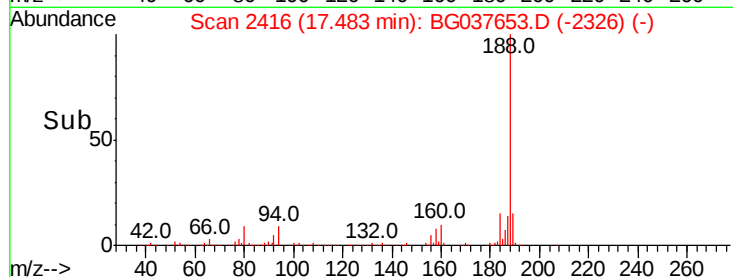
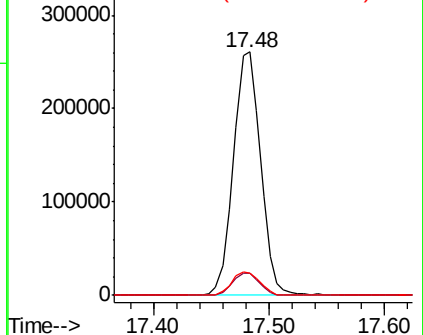
80 8.9 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

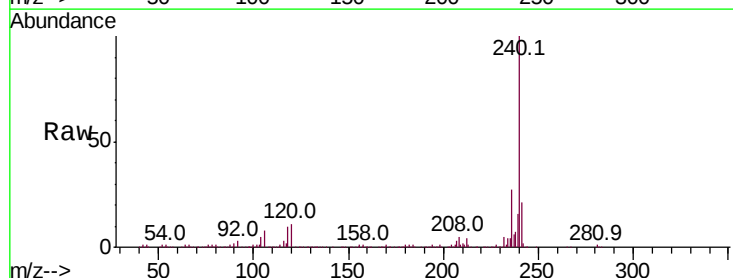
Tgt Ion:240 Resp: 382860

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

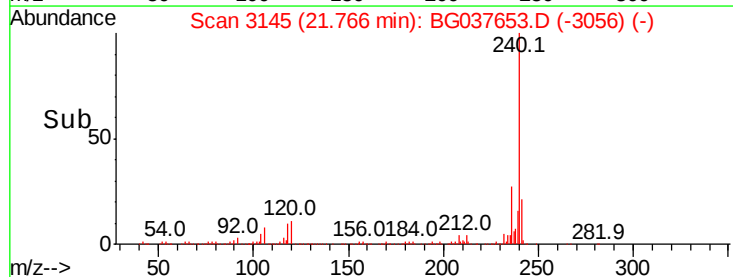
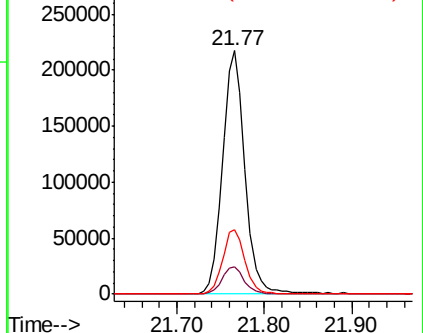
236 26.5 21.4 32.0

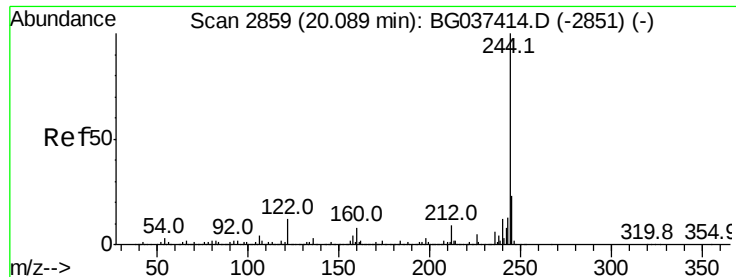


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 39.997 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

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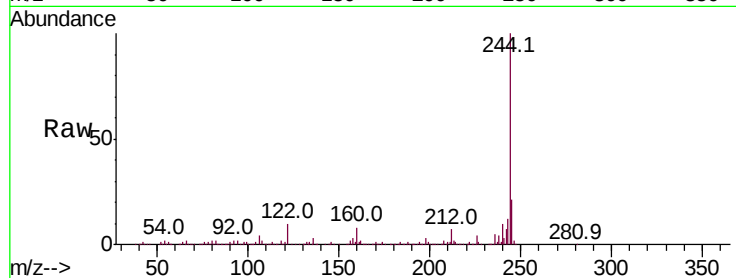
Tot Ion:244 Resp: 716661

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

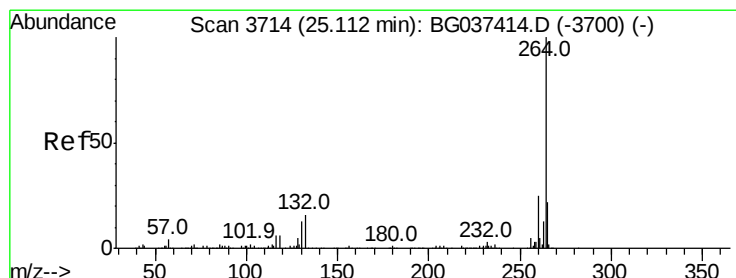
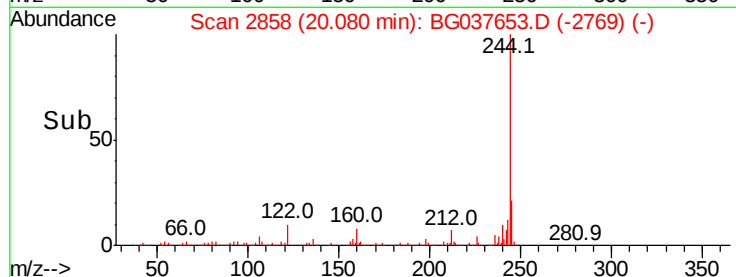
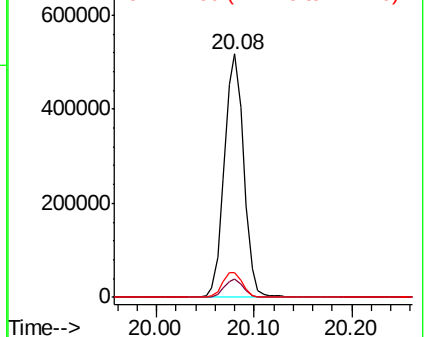
122 10.4 9.0 13.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037653.D

Acq: 30 Oct 2018 14:44

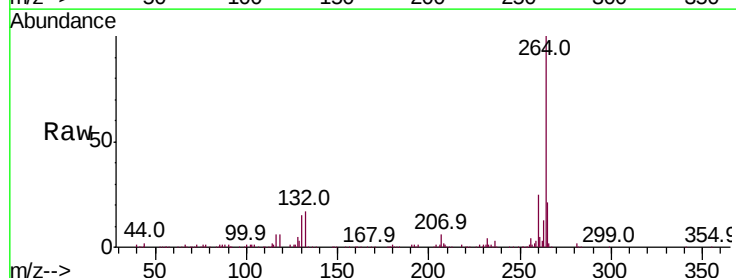
Tgt Ion:264 Resp: 373549

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 21.5 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

