

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037390.D
 Acq On : 17 Oct 2018 14:04
 Operator : JU/SJ
 Sample : J5519-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-DRUM

Quant Time: Oct 17 14:45:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

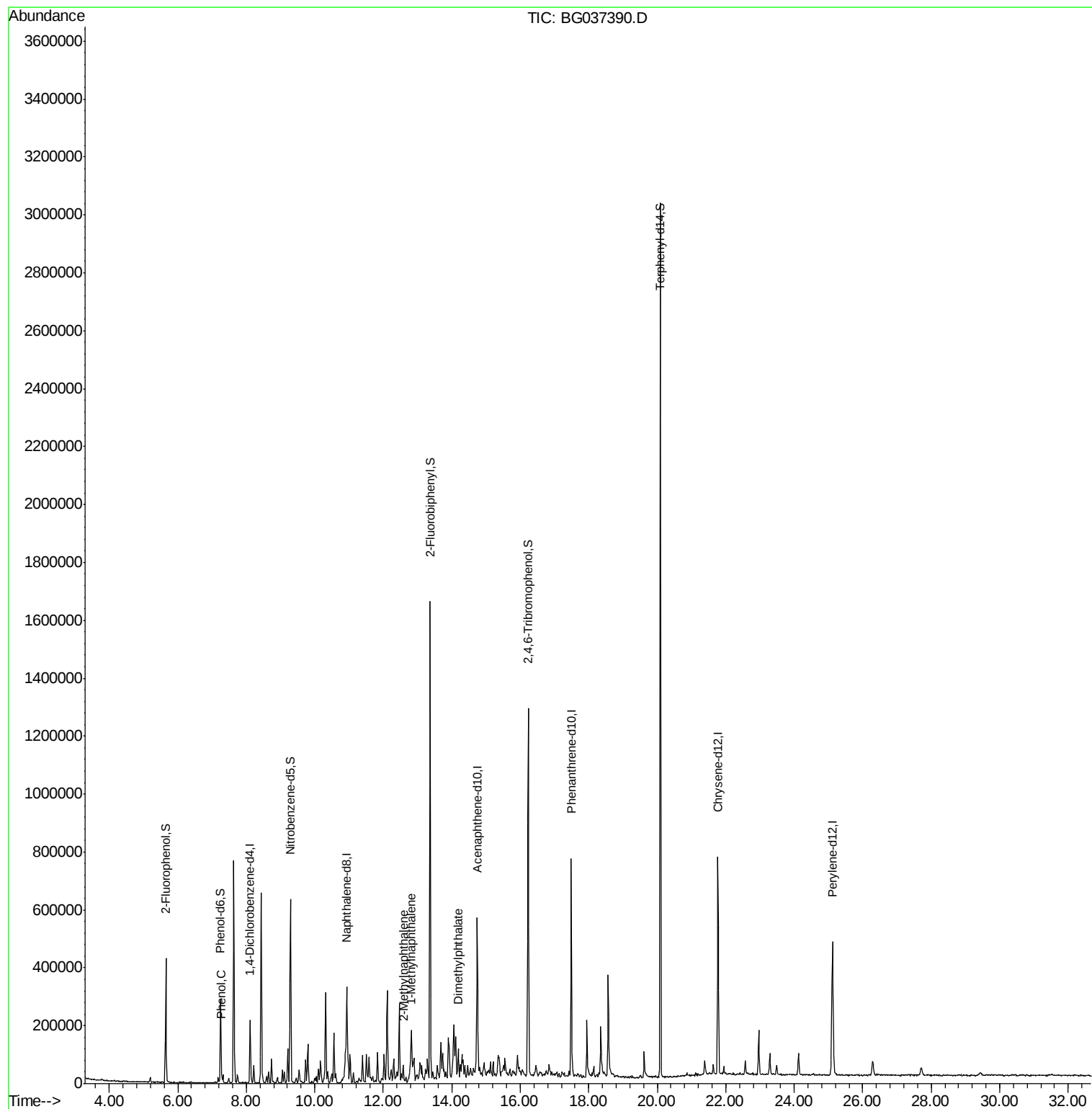
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64813	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	284303	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	191098	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	466715	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	450179	20.00	ng	-0.02
87) Perylene-d12	25.11	264	460981	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	204307	55.48	ng	0.00
7) Phenol-d6	7.25	99	182964	32.73	ng	0.00
23) Nitrobenzene-d5	9.29	82	377324	87.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	235821	125.83	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	868035	68.22	ng	-0.01
79) Terphenyl-d14	20.09	244	1432800	66.83	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	16218	2.755	ng	Qvalue 90
37) 2-Methylnaphthalene	12.58	142	27583	2.736	ng	99
38) 1-Methylnaphthalene	12.80	142	28632	2.907	ng	# 92
50) Dimethylphthalate	14.19	163	57586	3.834	ng	99

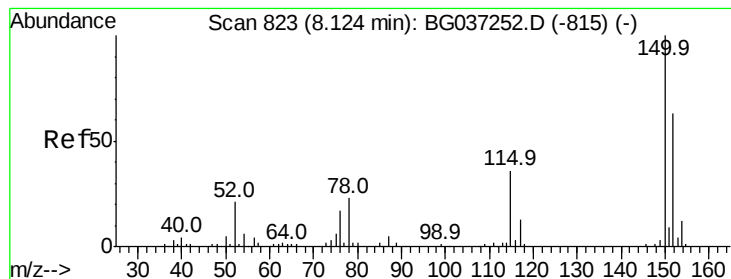
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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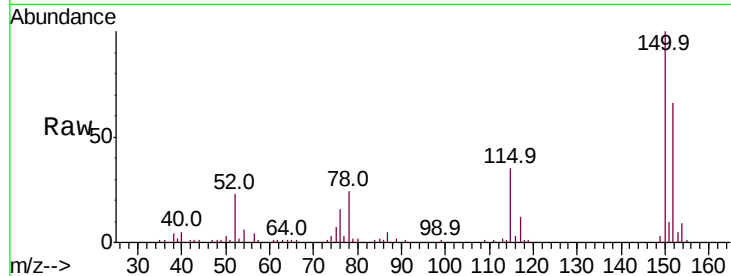


#1

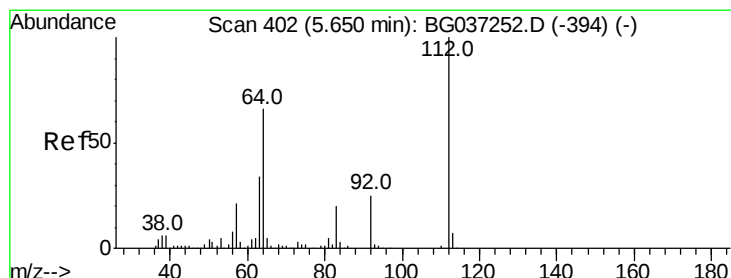
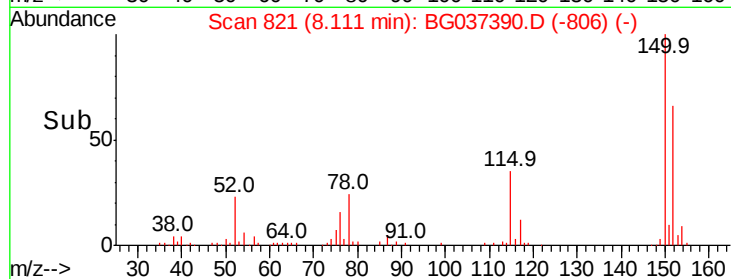
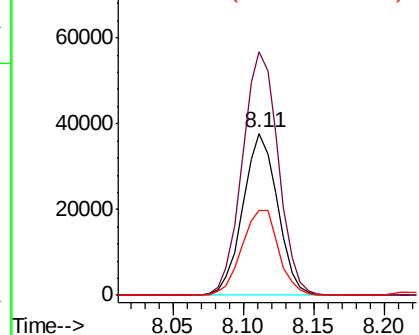
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037390.D
 Acq: 17 Oct 2018 14:04

Instrument :
 BNA_G
 ClientSampleId :
 BS-DRUM

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.0	189.0
115	52.4	45.5	68.3



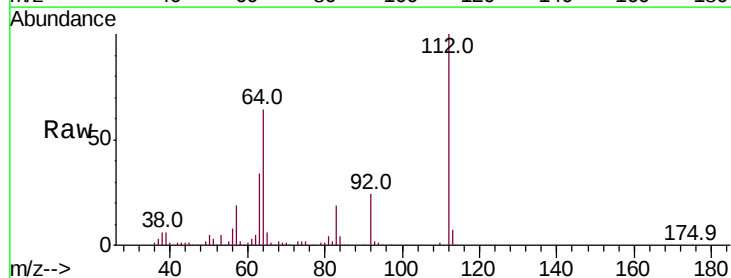
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



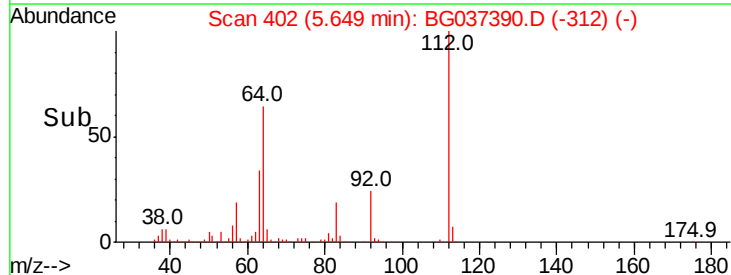
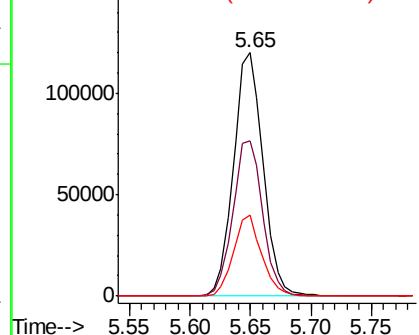
#5

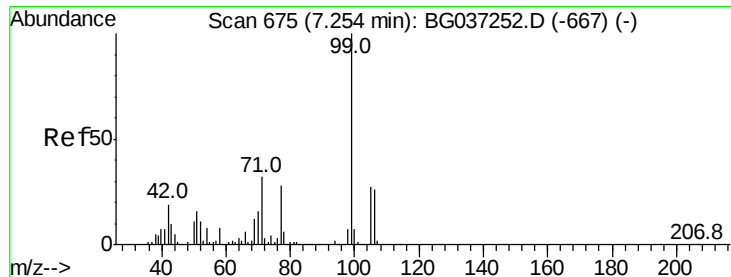
2-Fluorophenol
 Concen: 55.477 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037390.D
 Acq: 17 Oct 2018 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	53.1	79.7
63	33.5	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: 32.732 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037390.D

Acq: 17 Oct 2018 14:04

Instrument :

BNA_G

ClientSampled :

BS-DRUM

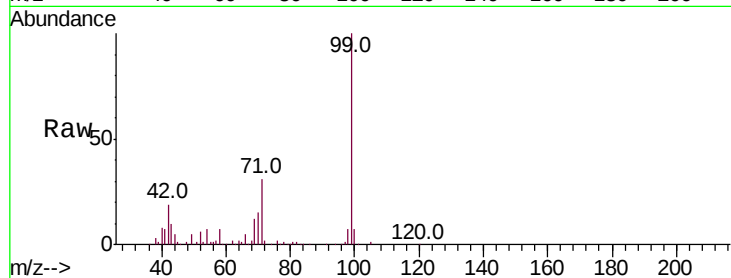
Tot Ion: 99 Resp: 182964

Ion Ratio Lower Upper

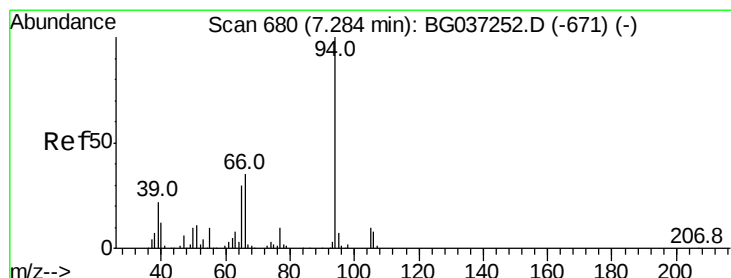
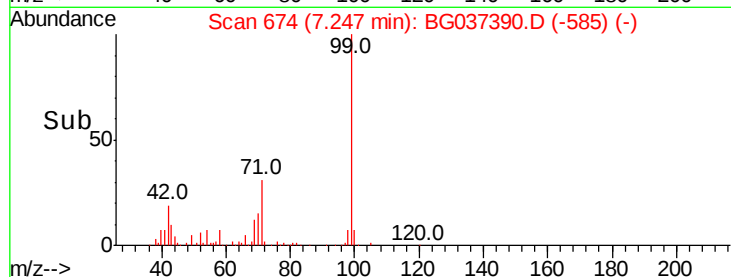
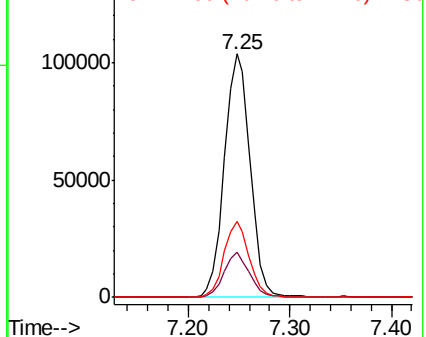
99 100

42 18.5 15.0 22.4

71 31.4 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: 2.755 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037390.D

Acq: 17 Oct 2018 14:04

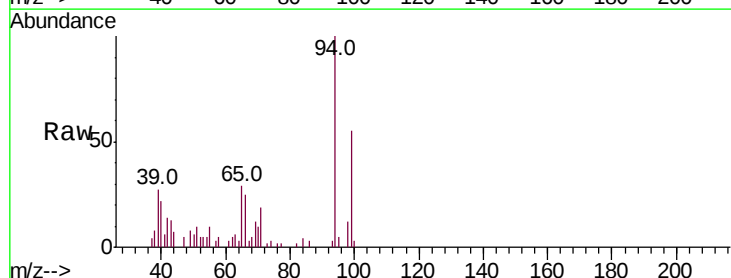
Tgt Ion: 94 Resp: 16218

Ion Ratio Lower Upper

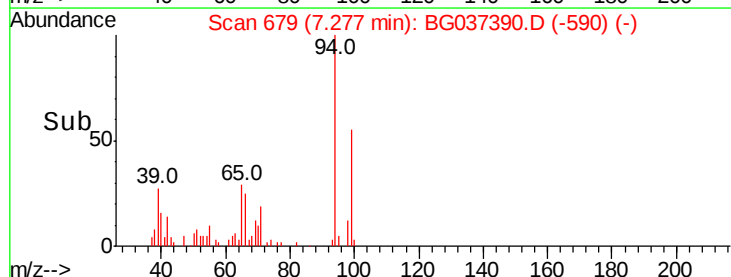
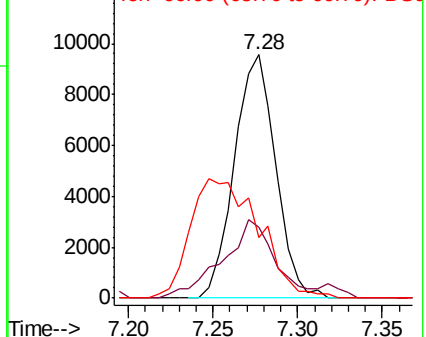
94 100

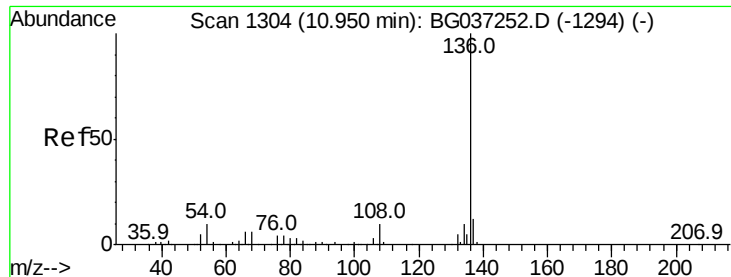
65 29.3 9.7 49.7

66 25.0 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

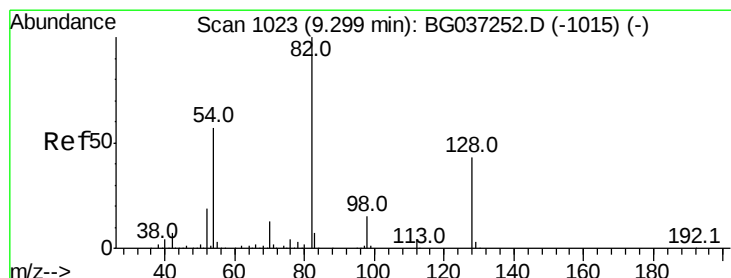
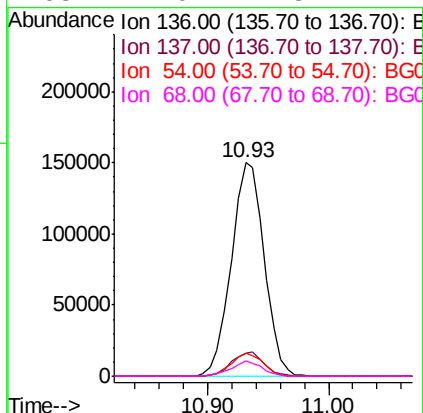
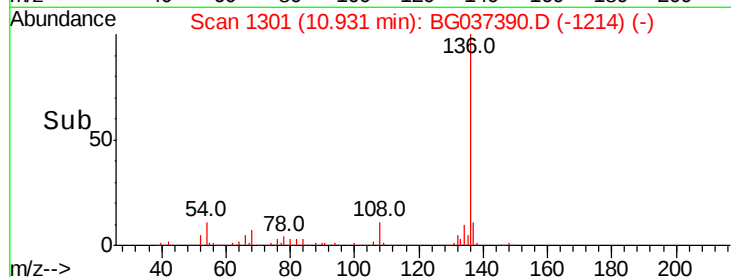
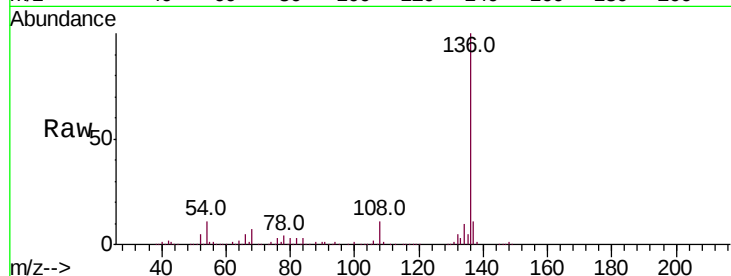




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037390.D
Acq: 17 Oct 2018 14:04

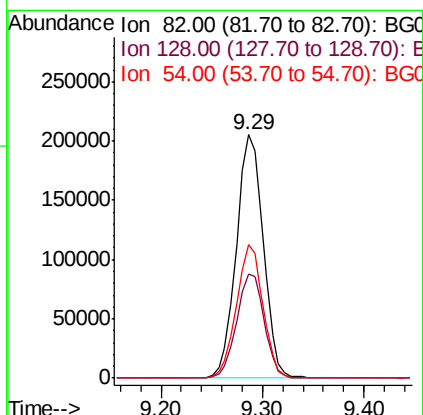
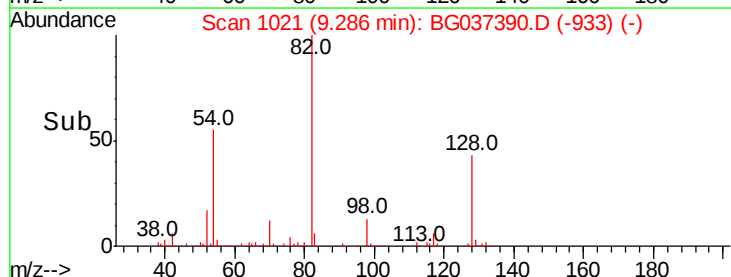
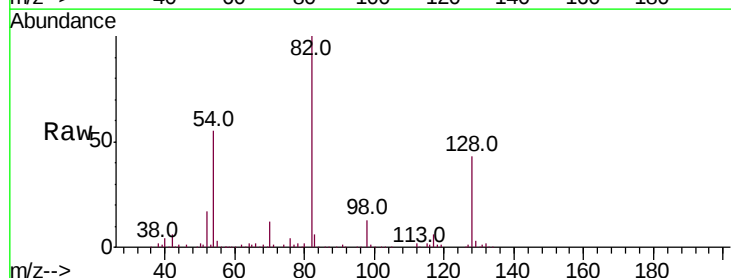
Instrument :
BNA_G
ClientSampleId :
BS-DRUM

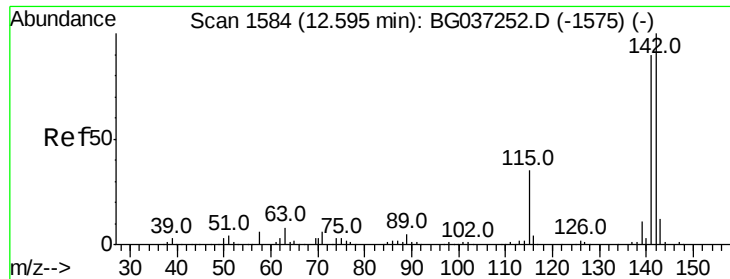
Tot Ion:136	Resp:	284303	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.6	14.4	
54 11.1	7.9	11.9	
68 7.0	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 87.256 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037390.D
Acq: 17 Oct 2018 14:04

Tgt Ion: 82	Resp: 377324
Ion Ratio	Lower Upper
82 100	
128 42.7	34.6 51.8
54 54.7	45.3 67.9

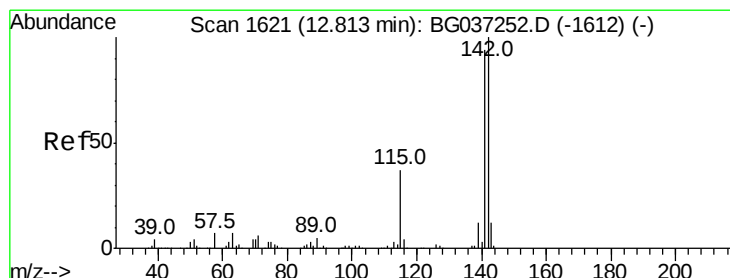
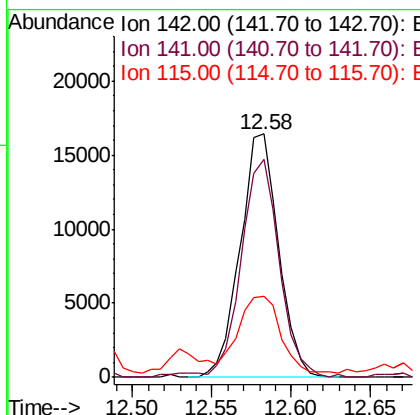
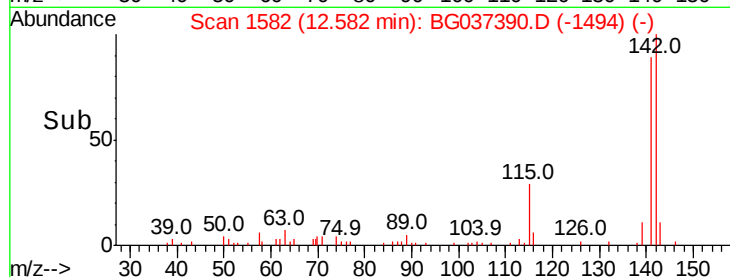
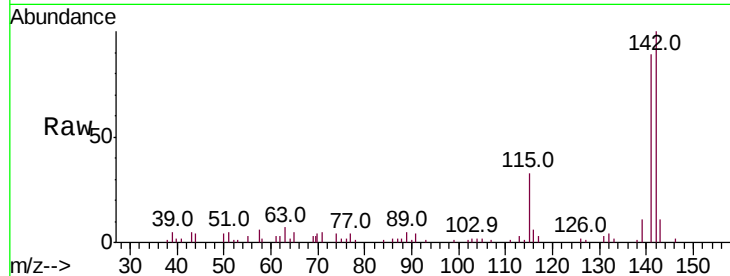




#37
 2-Methylnaphthalene
 Concen: 2.736 ng
 RT: 12.58 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BG037390.D
 Acq: 17 Oct 2018 14:04

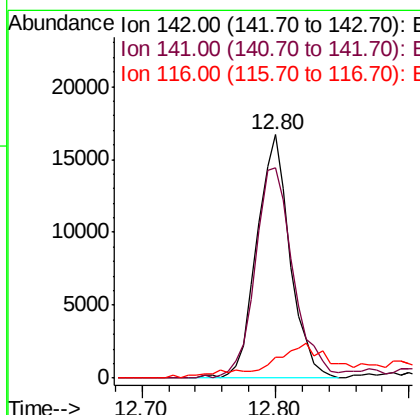
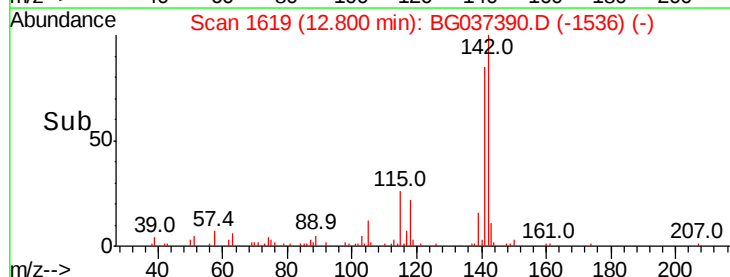
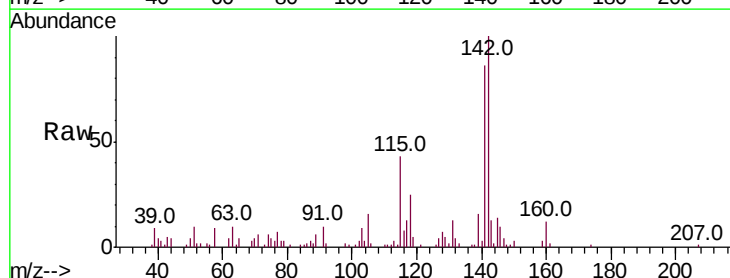
Instrument :
 BNA_G
 ClientSampleId :
 BS-DRUM

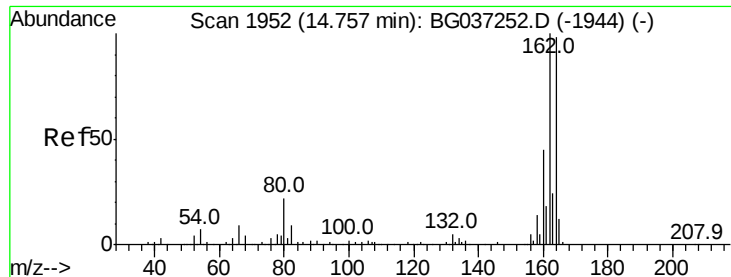
Tot Ion:142 Resp: 27583
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.9 107.9
 115 33.4 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 2.907 ng
 RT: 12.80 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BG037390.D
 Acq: 17 Oct 2018 14:04

Tgt Ion:142 Resp: 28632
 Ion Ratio Lower Upper
 142 100
 141 86.2 75.2 112.8
 116 8.3 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037390.D

Acq: 17 Oct 2018 14:04

Instrument :

BNA_G

ClientSampleId :

BS-DRUM

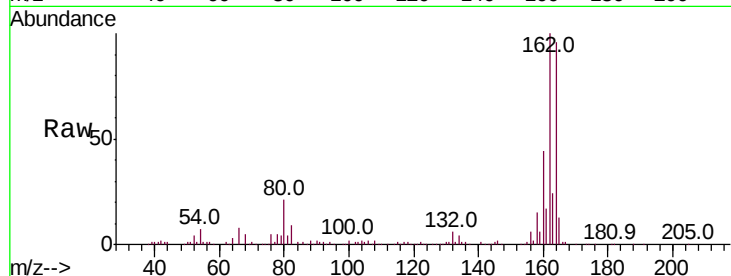
Tot Ion:164 Resp: 191098

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

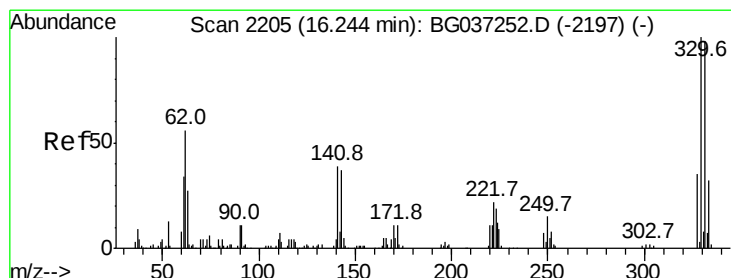
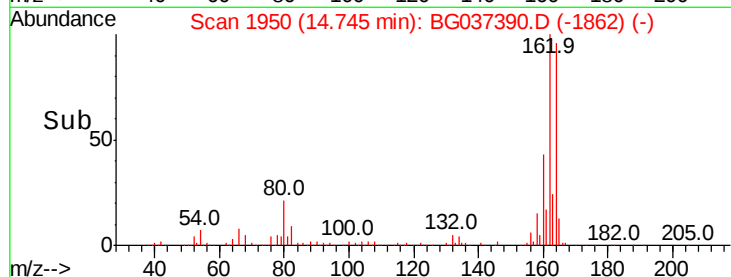
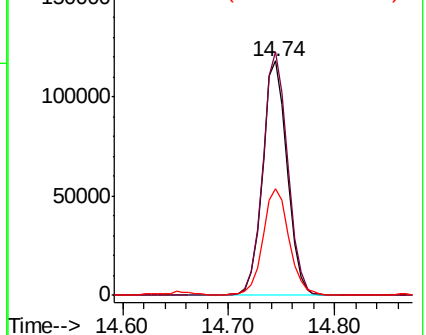
160 45.6 36.3 54.5



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: 125.829 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037390.D

Acq: 17 Oct 2018 14:04

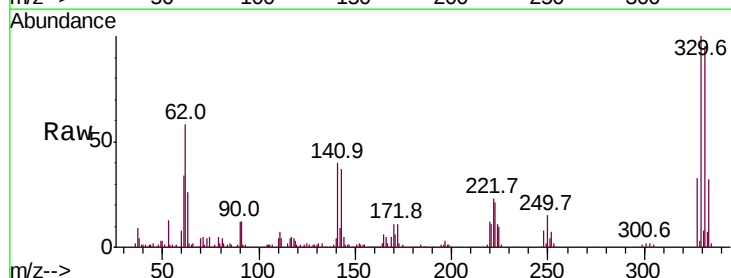
Tgt Ion:330 Resp: 235821

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

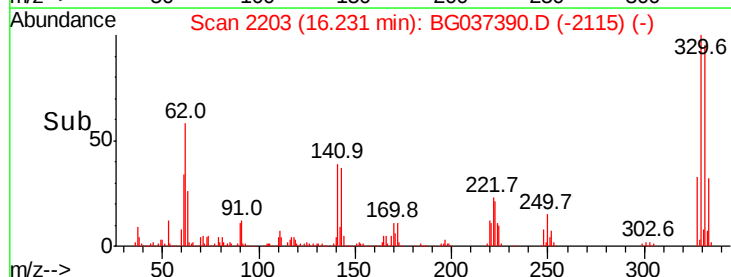
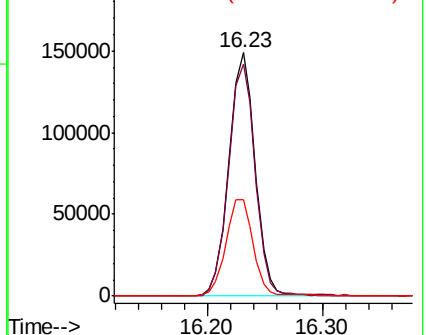
141 41.4 32.2 48.2

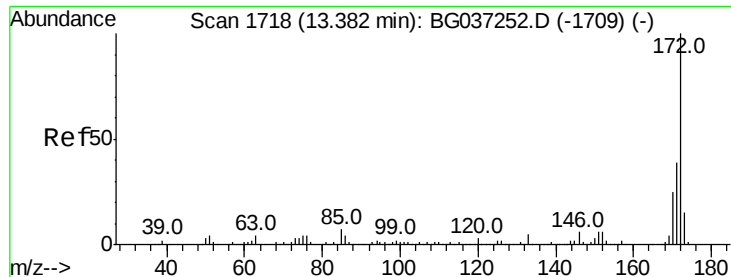


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



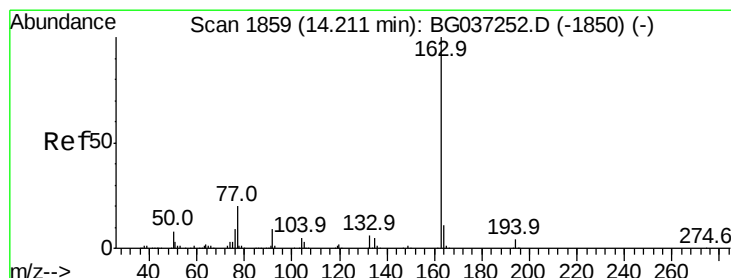
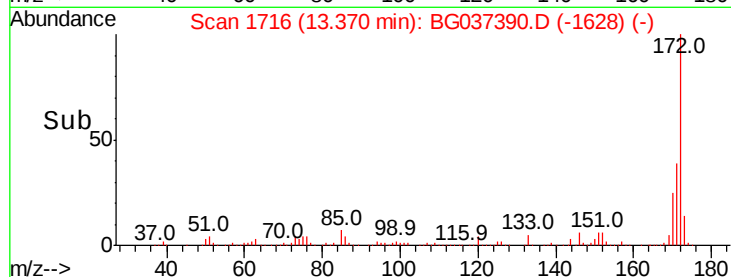
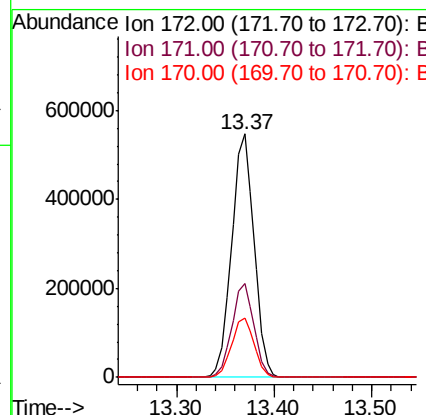
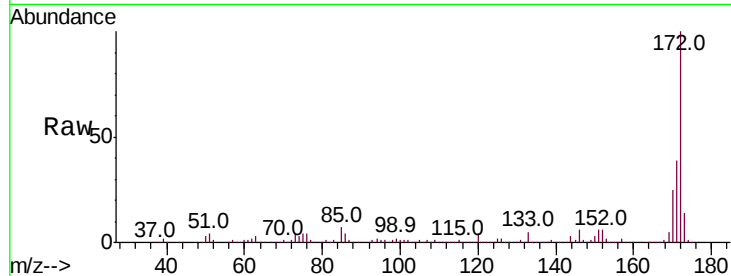


#45
 2-Fluorobiphenyl
 Concen: 68.215 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037390.D
 Acq: 17 Oct 2018 14:04

Instrument :
 BNA_G
 ClientSampleId :
 BS-DRUM

Tot Ion:172 Resp: 868035

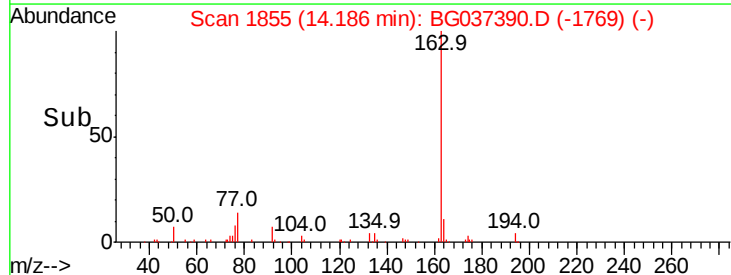
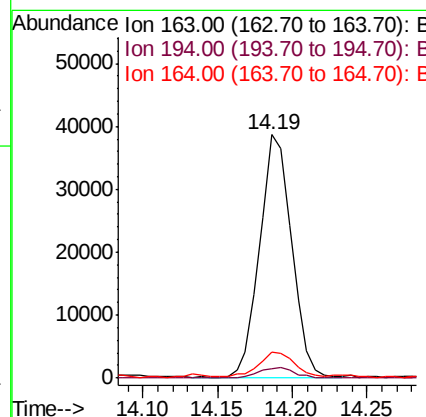
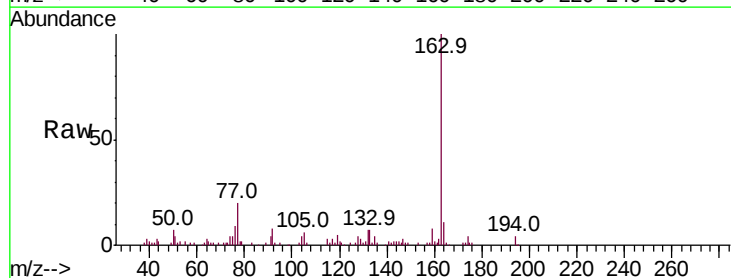
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.6	20.2	30.2

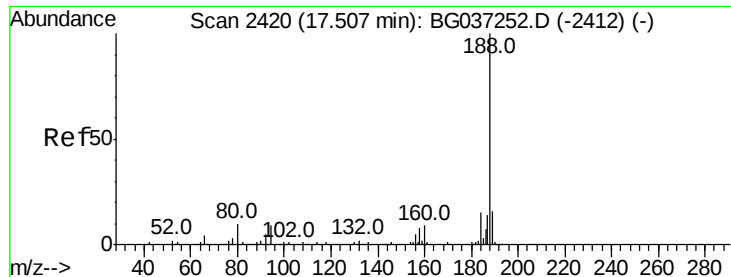


#50
 Dimethylphthalate
 Concen: 3.834 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037390.D
 Acq: 17 Oct 2018 14:04

Tgt Ion:163 Resp: 57586

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.7	8.5	12.7

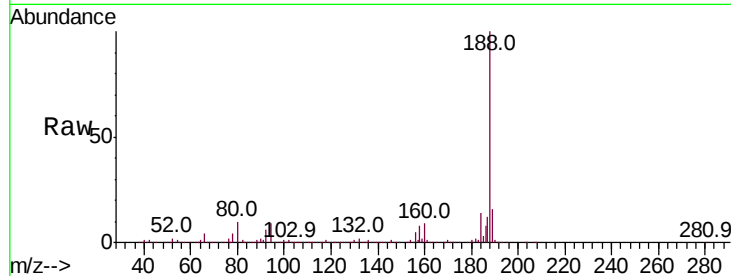




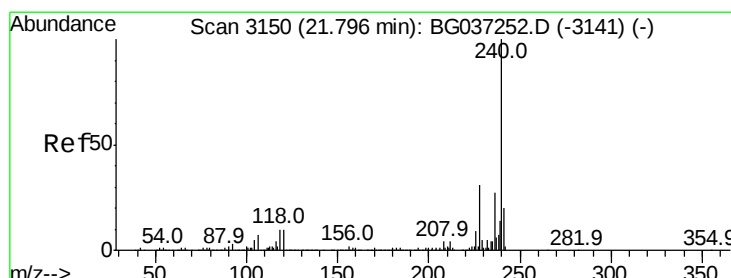
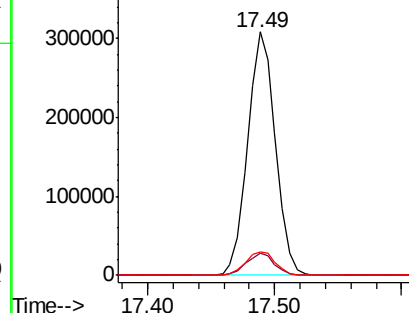
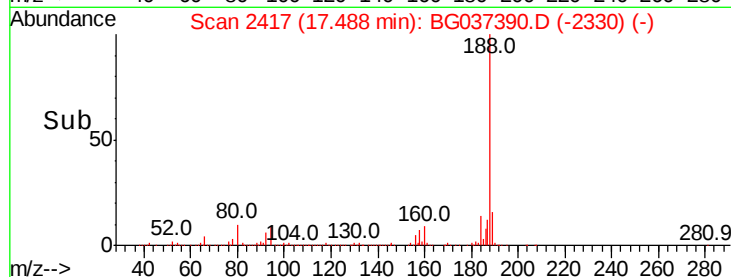
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037390.D
Acq: 17 Oct 2018 14:04

Instrument :
BNA_G
ClientSampleId :
BS-DRUM

Tot Ion:188 Resp: 466715
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.6 7.7 11.5

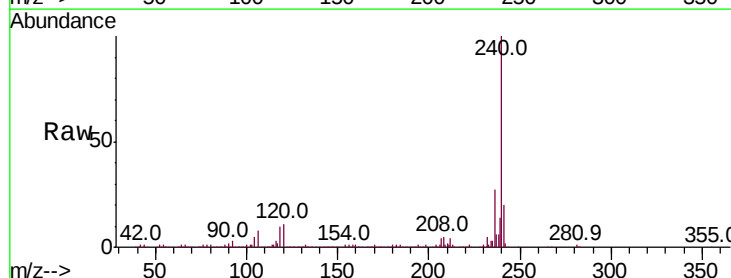


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

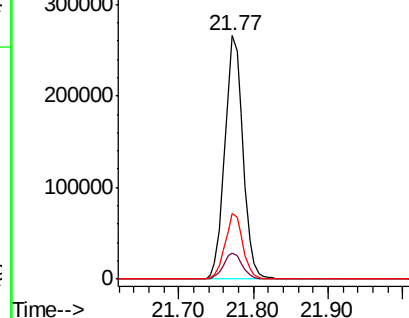
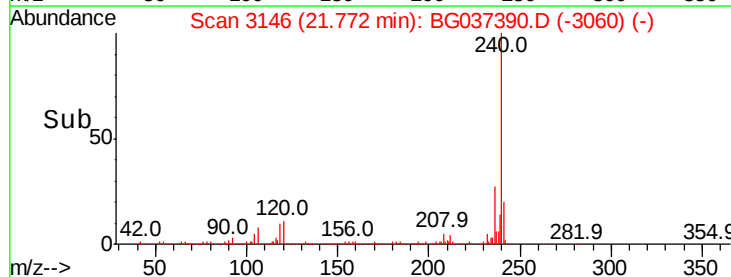


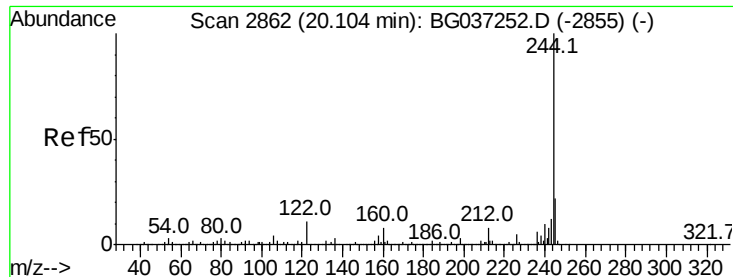
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037390.D
Acq: 17 Oct 2018 14:04

Tgt Ion:240 Resp: 450179
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.2 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: 66.829 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037390.D

Acq: 17 Oct 2018 14:04

Instrument :

BNA_G

ClientSampled :

BS-DRUM

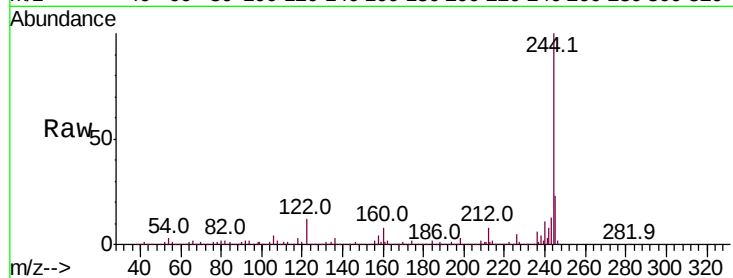
Tot Ion:244 Resp: 1432800

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

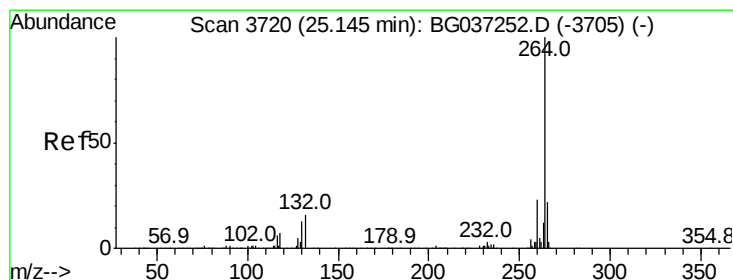
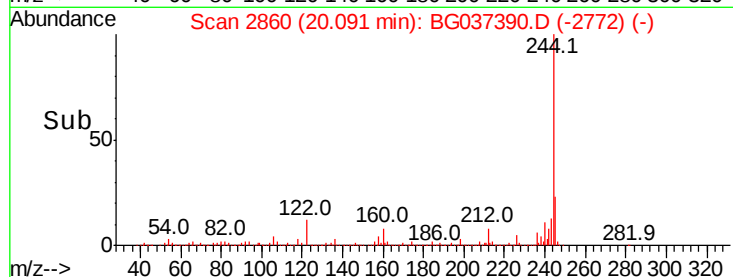
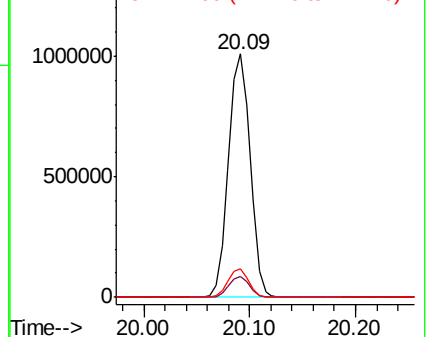
122 11.6 9.0 13.4



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: 25.11 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037390.D

Acq: 17 Oct 2018 14:04

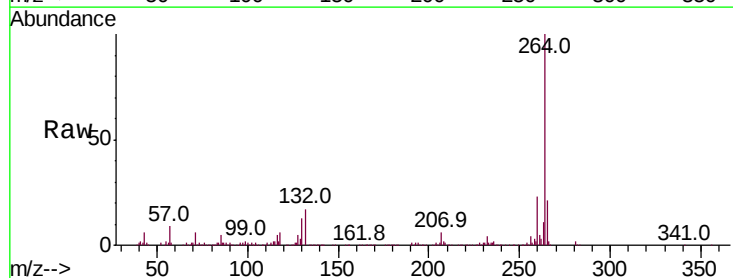
Tgt Ion:264 Resp: 460981

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.4 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

