

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037545.D
 Acq On : 25 Oct 2018 15:02
 Operator : JU/SJ
 Sample : PB114161BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Quant Time: Oct 26 08:52:04 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	8.11	152	51776	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	227732	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	158666	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	397697	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369860	20.00	ng	0.00
87) Perylene-d12	25.10	264	327230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	350292	113.11	ng	0.00
7) Phenol-d6	7.25	99	515095	109.99	ng	0.00
23) Nitrobenzene-d5	9.28	82	296120	72.84	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	186320	107.67	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	752336	71.50	ng	0.00
79) Terphenyl-d14	20.08	244	1228221	70.96	ng	0.00

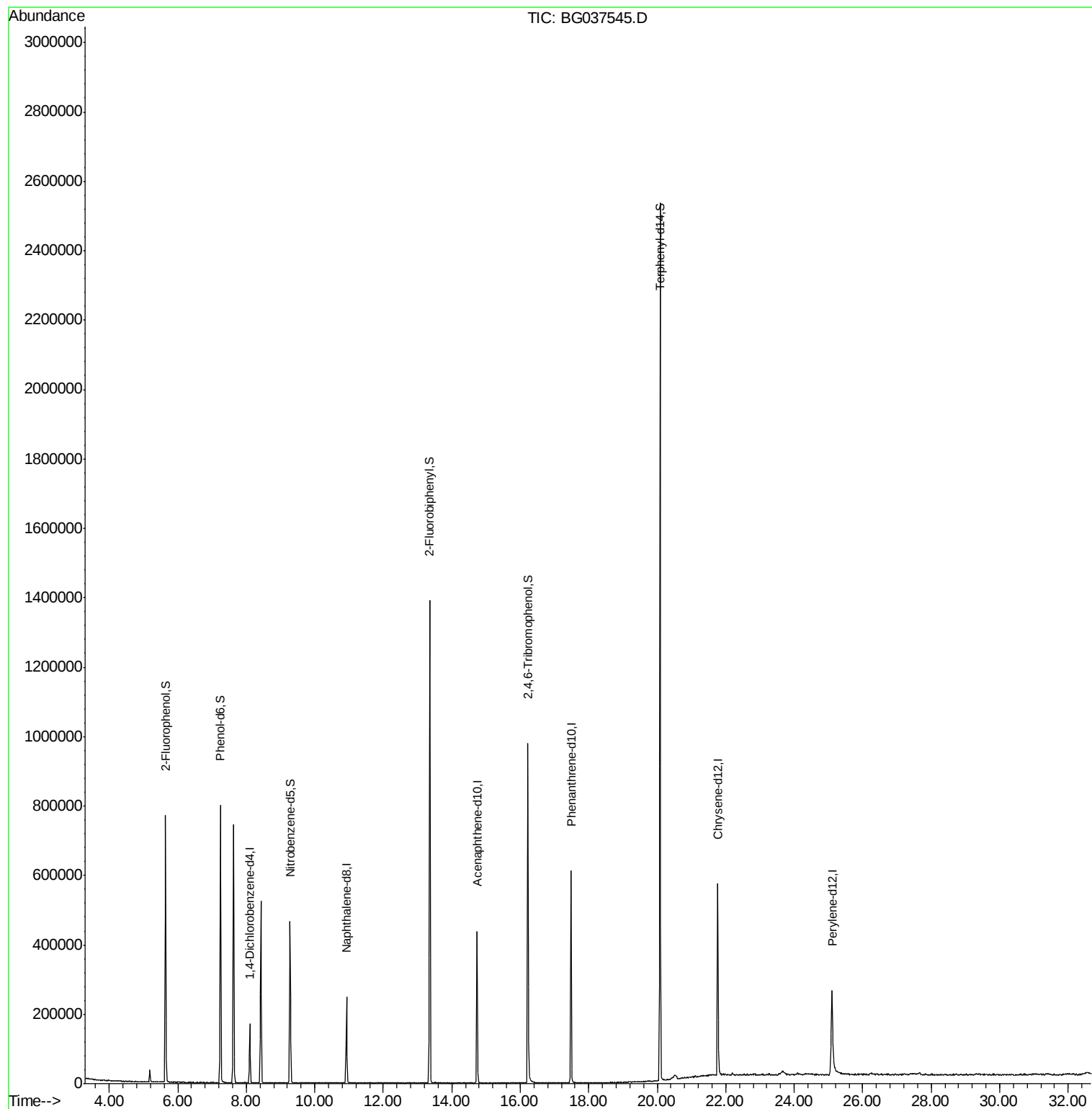
Target Compounds Qvalue

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

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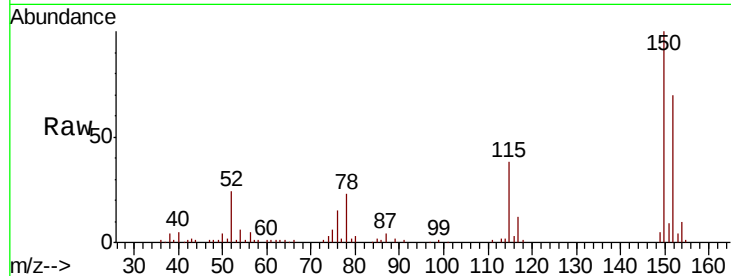


#1

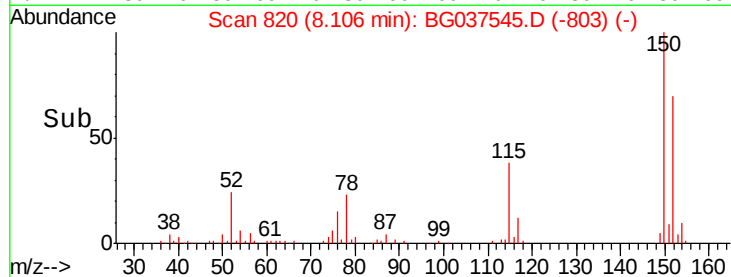
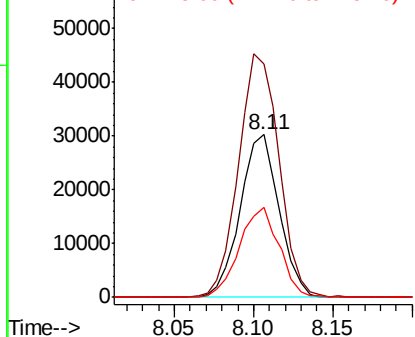
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Instrument :
BNA_G
ClientSampleId :
PB114161BS

Tot Ion:152 Resp: 51776
Ion Ratio Lower Upper
152 100
150 143.8 126.0 189.0
115 55.2 45.5 68.3



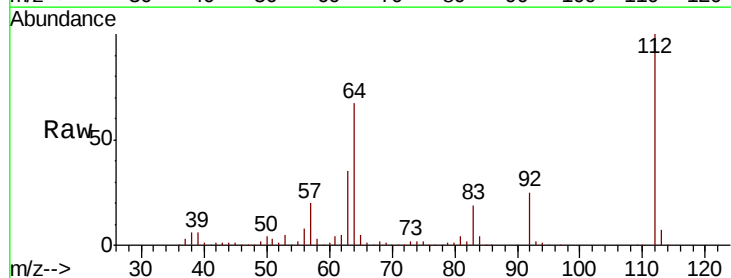
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



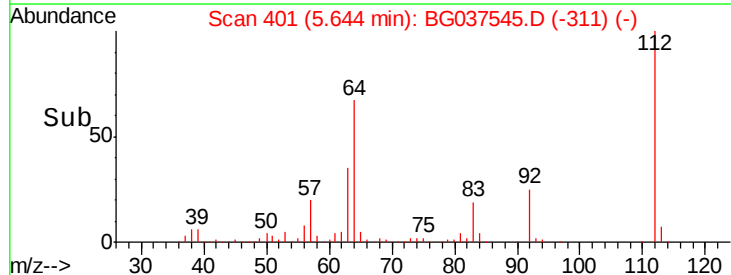
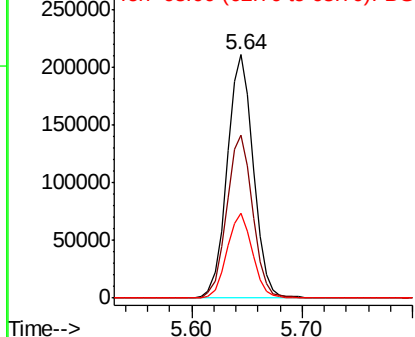
#5

2-Fluorophenol
Concen: 113.110 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Tgt Ion:112 Resp: 350292
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.8 27.3 40.9



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: 109.994 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Instrument :

BNA_G

ClientSampleId :

PB114161BS

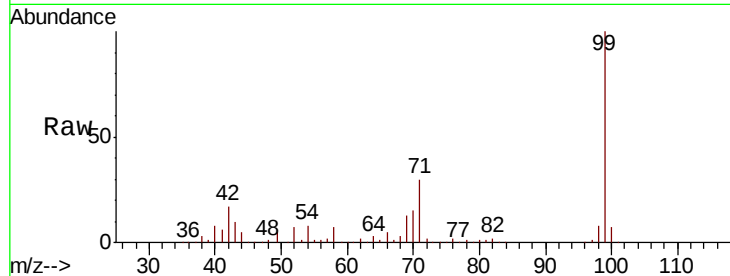
Tot Ion: 99 Resp: 515095

Ion Ratio Lower Upper

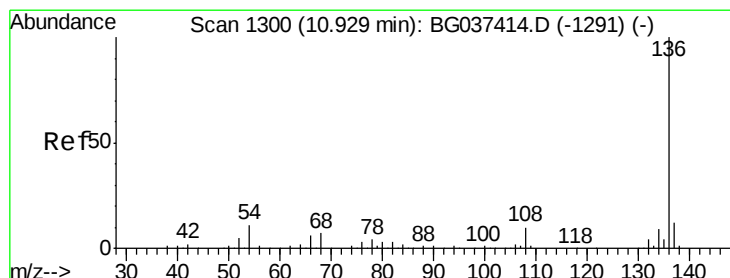
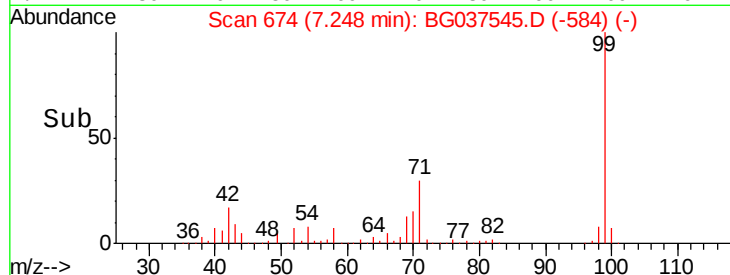
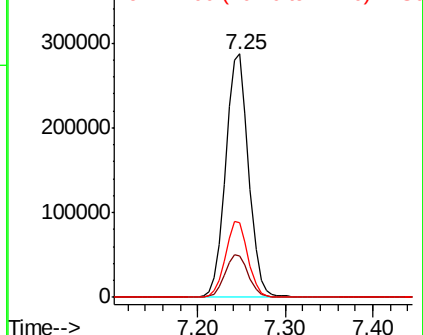
99 100

42 17.0 15.0 22.4

71 30.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Tgt Ion: 136 Resp: 227732

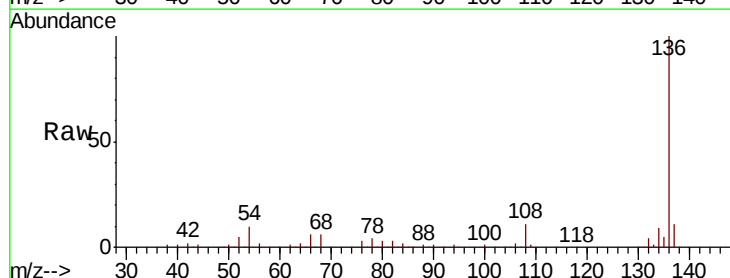
Ion Ratio Lower Upper

136 100

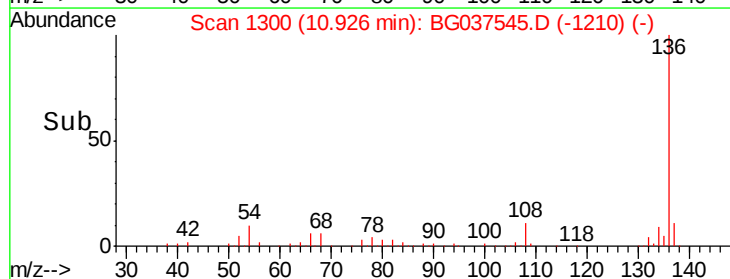
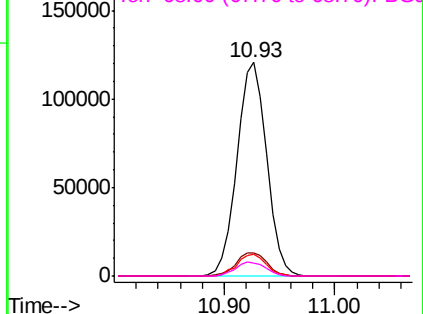
137 10.9 9.6 14.4

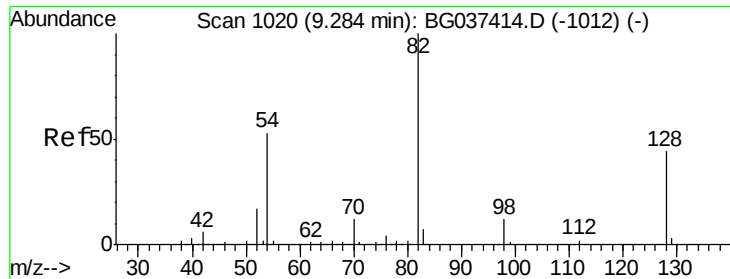
54 10.1 7.9 11.9

68 6.3 4.8 7.2



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

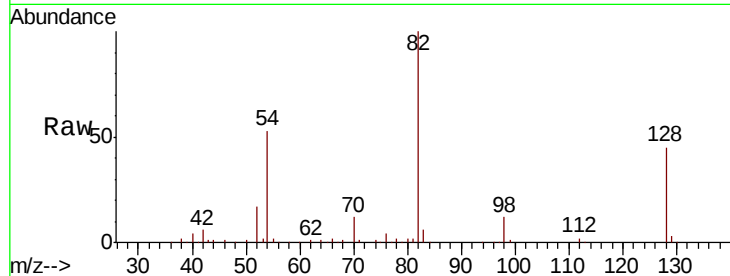




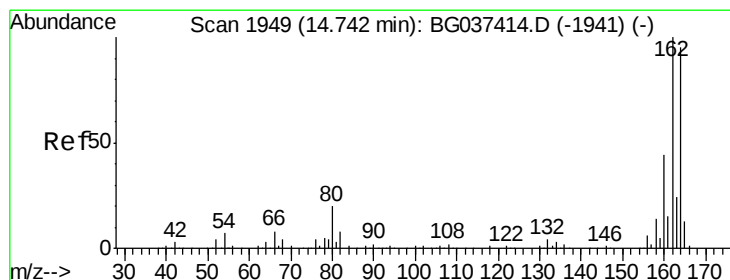
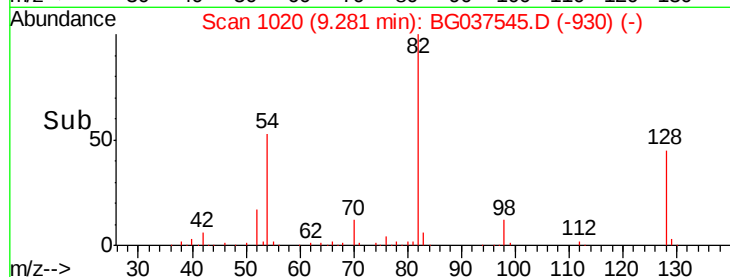
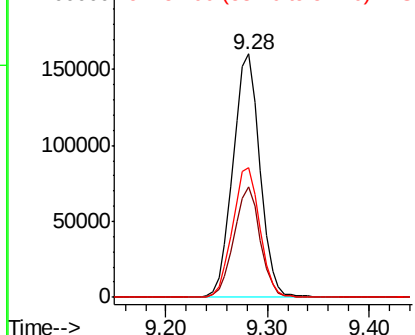
#23
 Nitrobenzene-d5
 Concen: 72.841 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion	82.00	Resp	296120
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.6	51.8
54	53.4	45.3	67.9

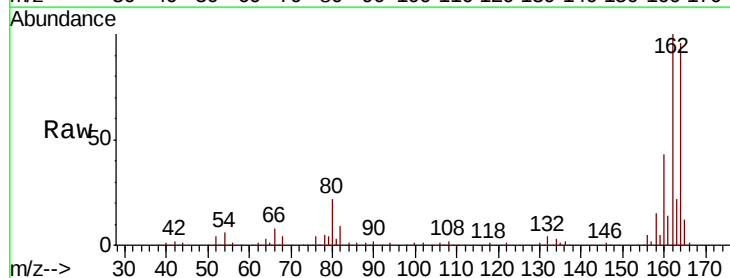


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

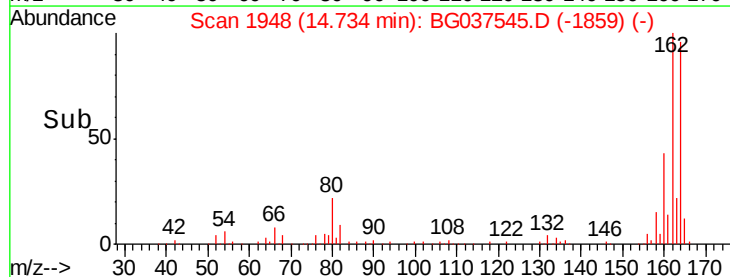
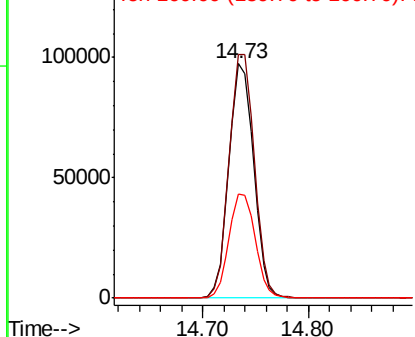


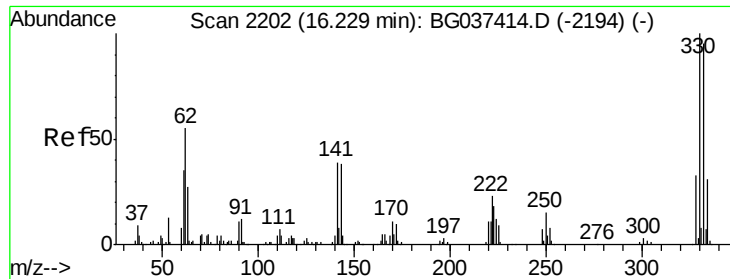
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Tgt Ion	164.00	Resp	158666
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.3	121.9
160	44.3	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

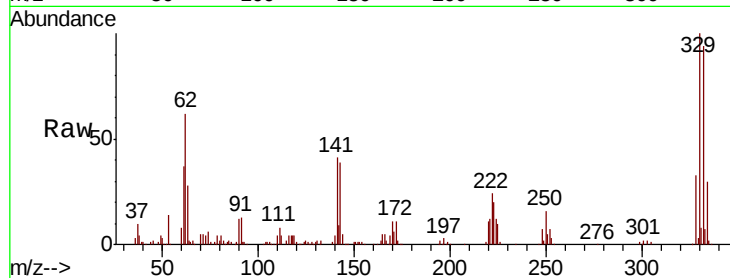




#42
 2,4,6-Tribromophenol
 Concen: 107.665 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB114161BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	39.4	32.2	48.2

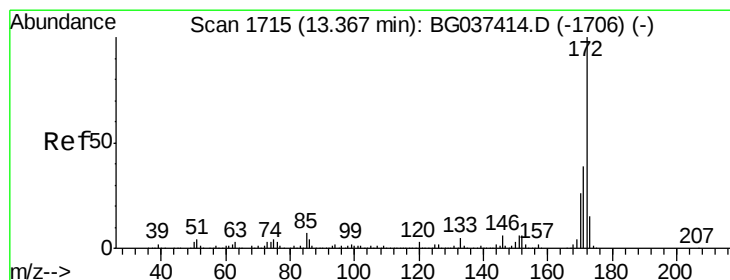
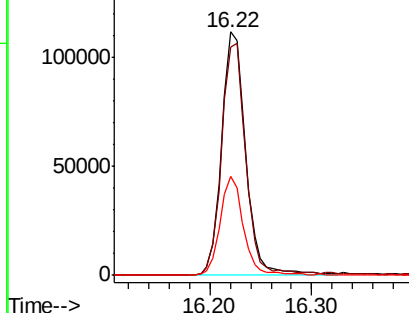
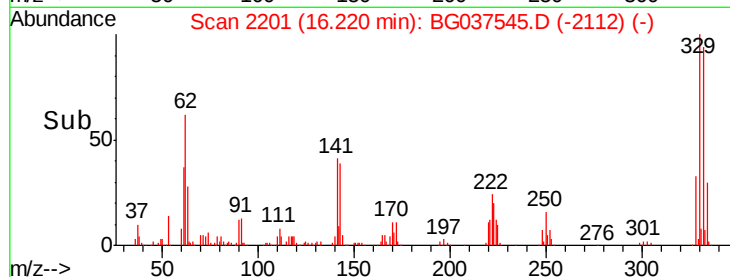


Abundance

Ion 329.80 (329.50 to 330.50): E

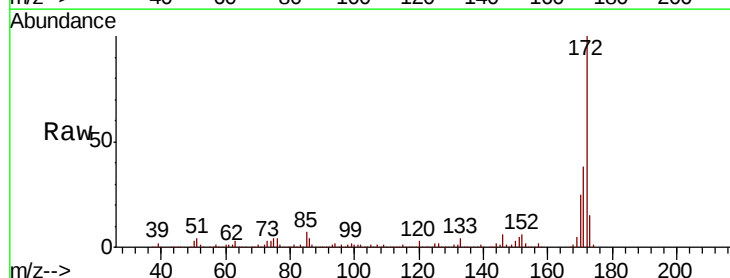
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.501 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	24.8	20.2	30.2

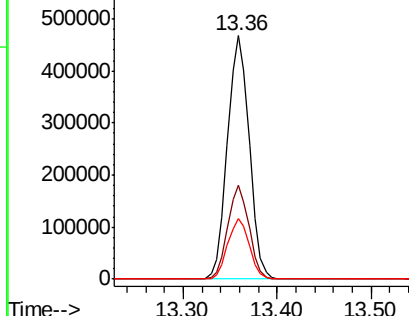
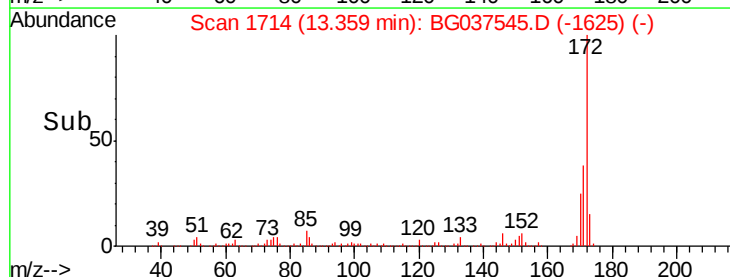


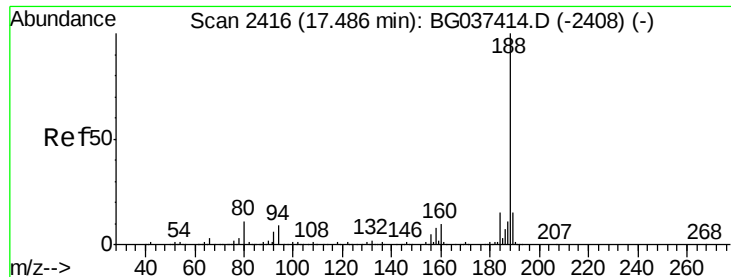
Abundance

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Instrument :

BNA_G

ClientSampleId :

PB114161BS

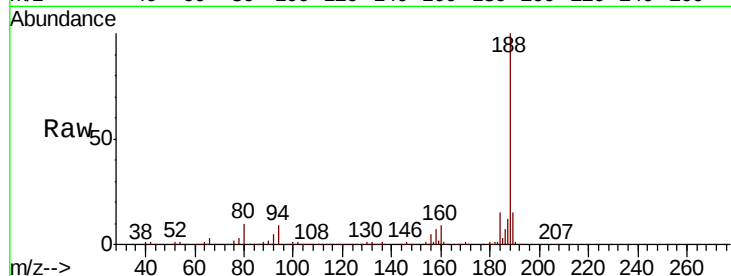
Tot Ion:188 Resp: 397697

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

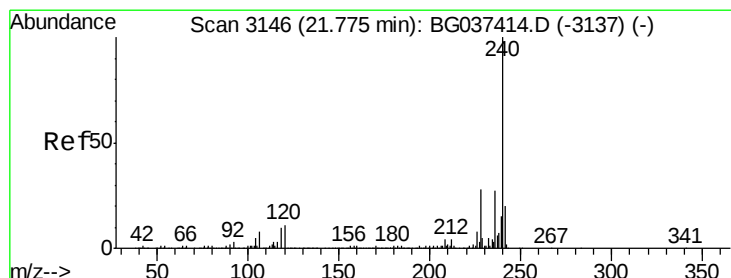
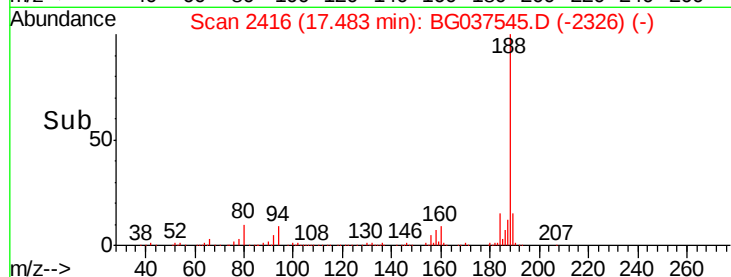
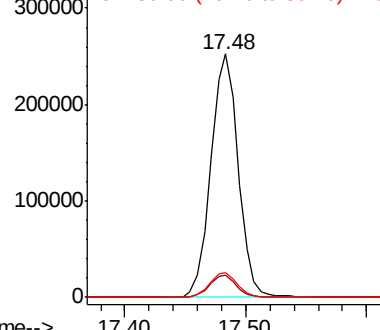
80 10.2 7.7 11.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

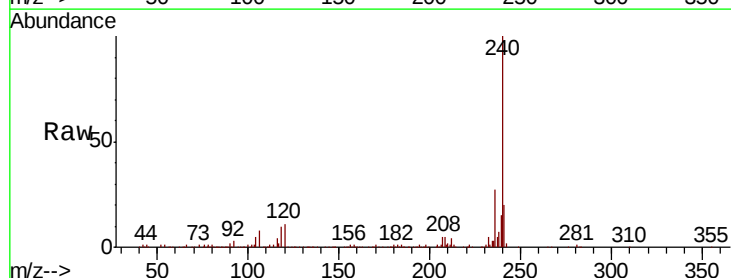
Tgt Ion:240 Resp: 369860

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

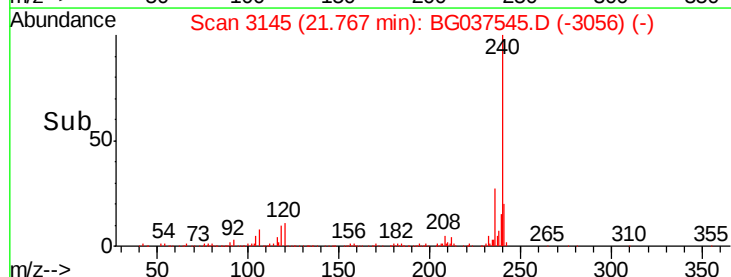
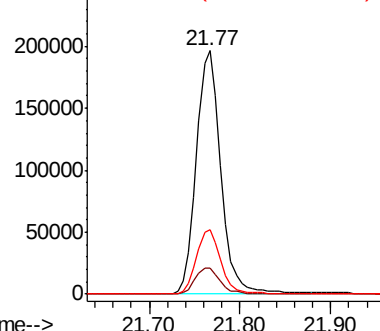
236 26.6 21.4 32.0

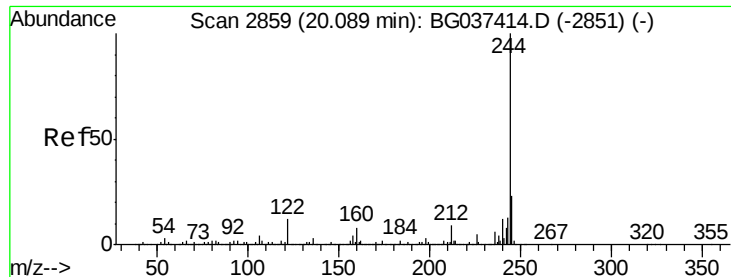


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.957 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Instrument :

BNA_G

ClientSampleId :

PB114161BS

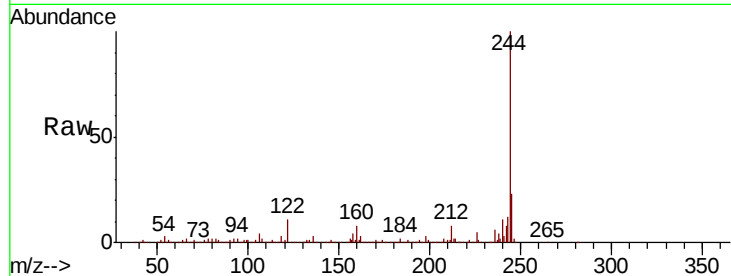
Tot Ion:244 Resp: 1228221

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.5 9.0 13.4

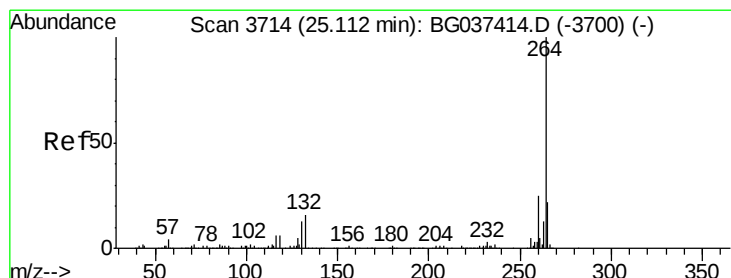
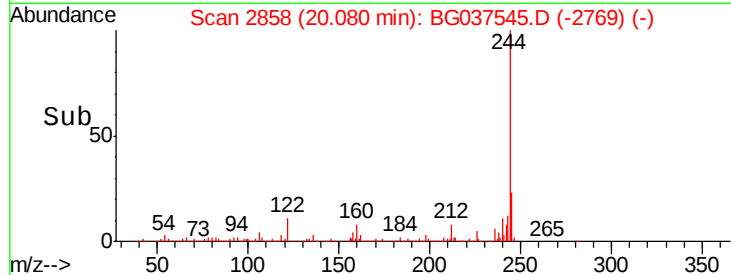
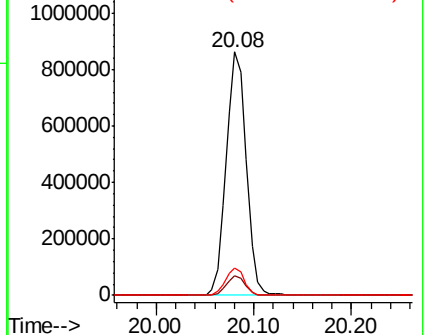


Abundance

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: BG037545.D

Acq: 25 Oct 2018 15:02

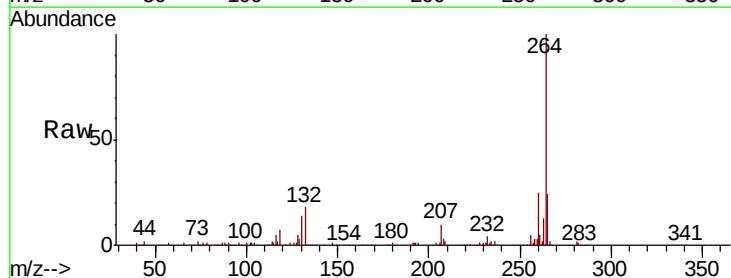
Tgt Ion:264 Resp: 327230

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 23.6 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

