

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
 Data File : BG037333.D
 Acq On : 15 Oct 2018 14:48
 Operator : JU/SJ
 Sample : PB113787BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 16 04:28:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

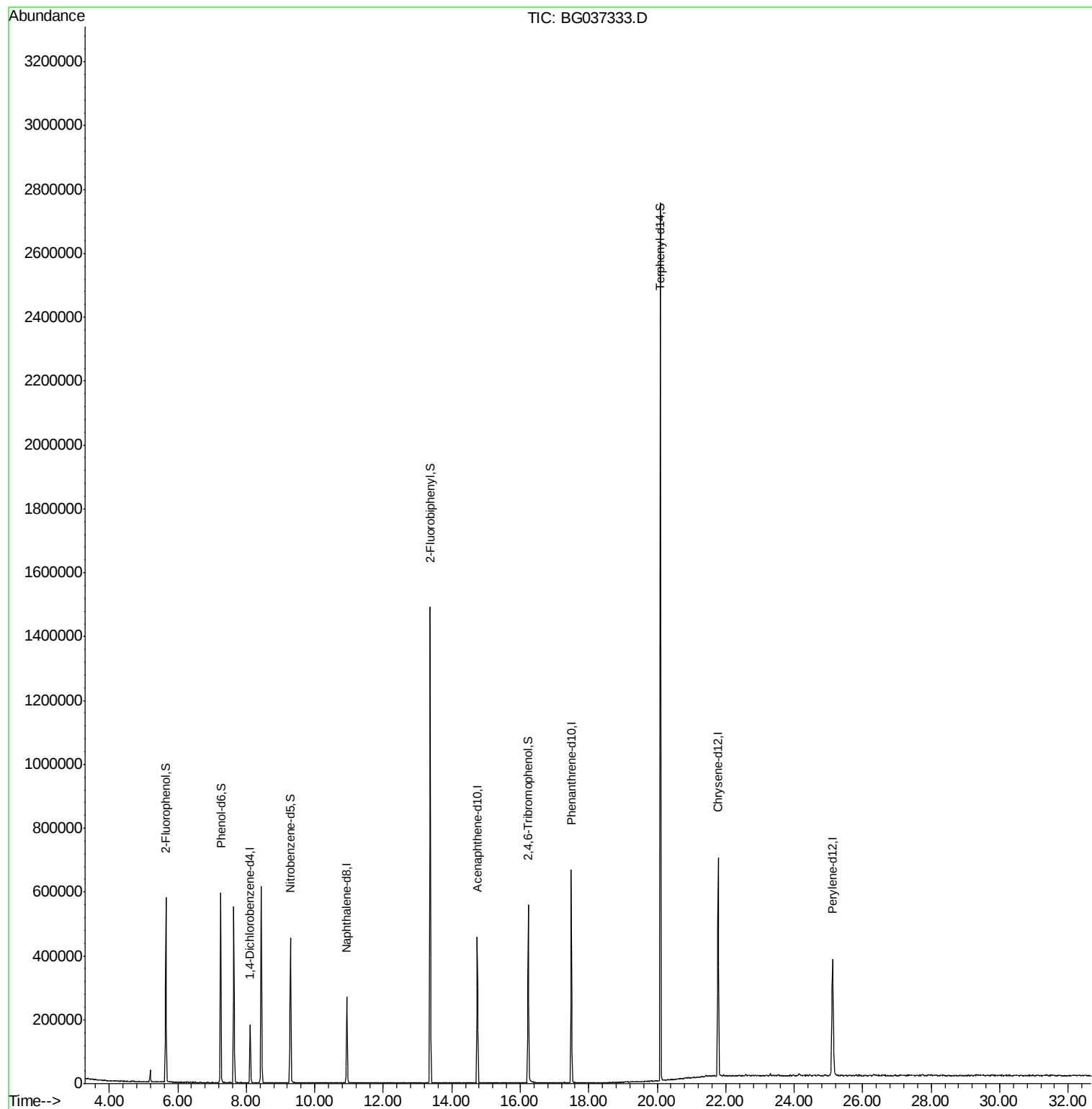
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57512	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	245088	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	165106	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	439614	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	421760	20.00	ng	-0.02
87) Perylene-d12	25.12	264	416782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	270616	82.81	ng	0.00
7) Phenol-d6	7.25	99	373386	75.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	287123	77.02	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	107854	66.61	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	811828	73.84	ng	-0.01
79) Terphenyl-d14	20.09	244	1297173	64.58	ng	-0.01

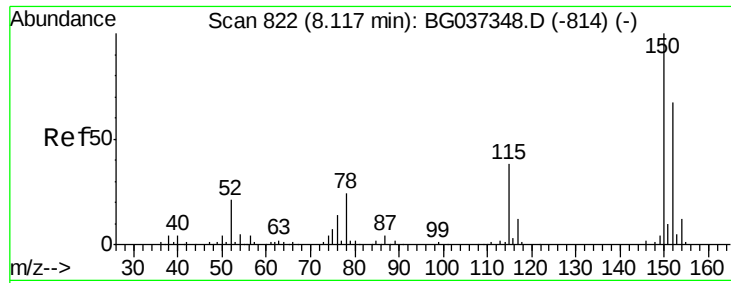
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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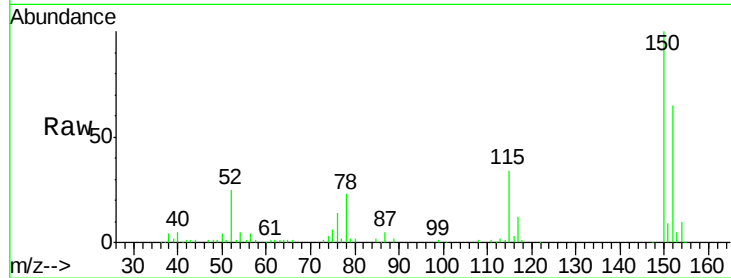




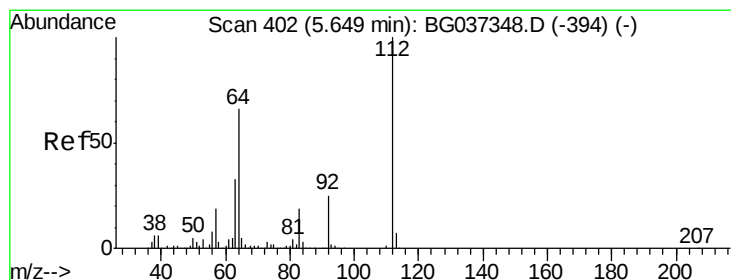
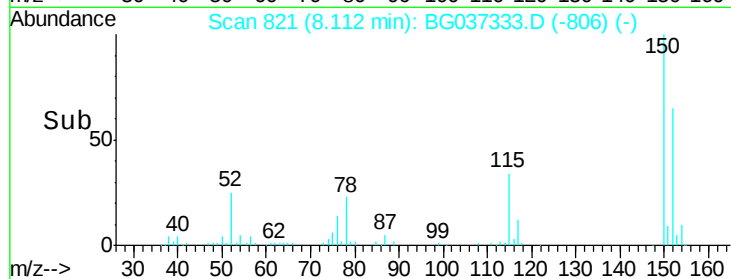
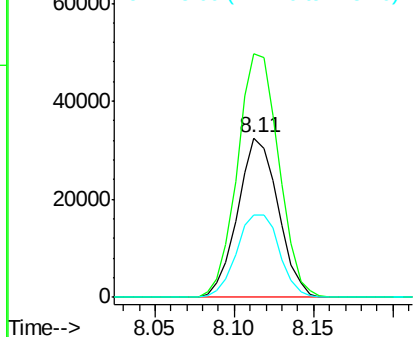
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.0	189.0
115	51.9	45.5	68.3



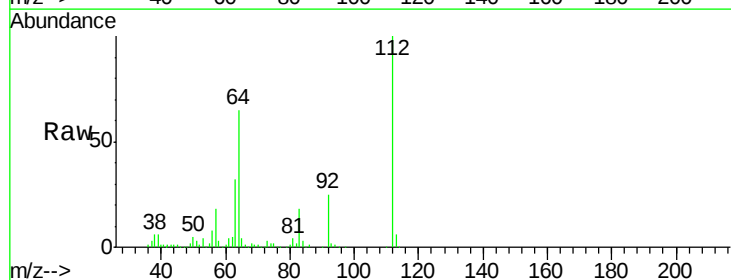
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



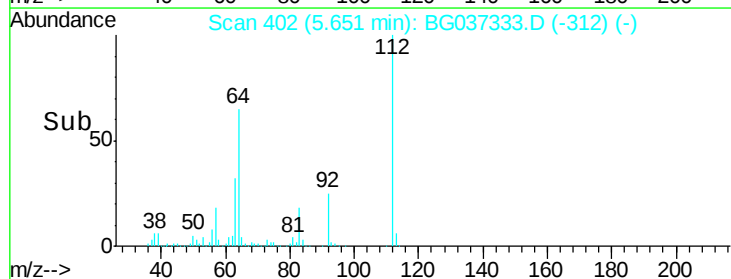
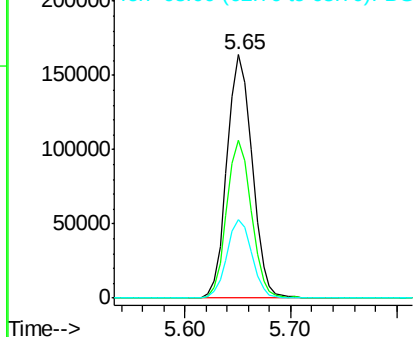
#5

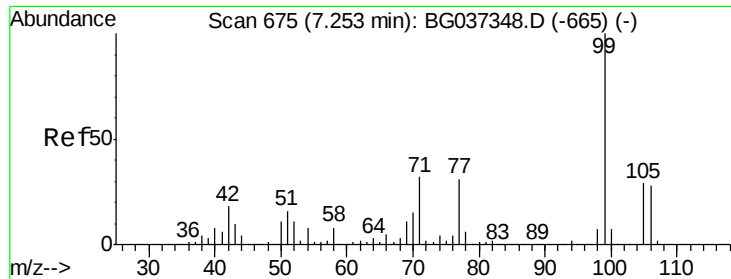
2-Fluorophenol
Concen: 82.810 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	53.1	79.7
63	32.2	27.3	40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 75.277 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

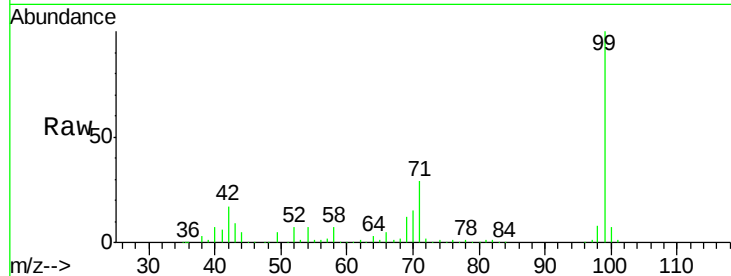
Tgt Ion: 99 Resp: 373386

Ion Ratio Lower Upper

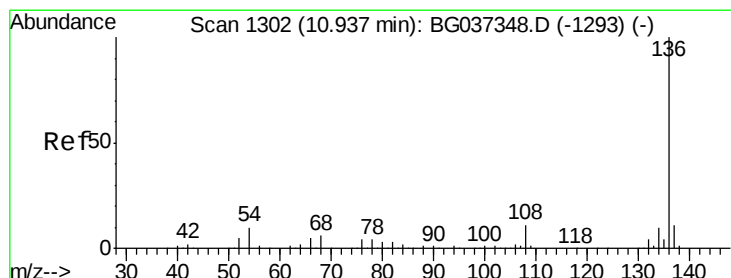
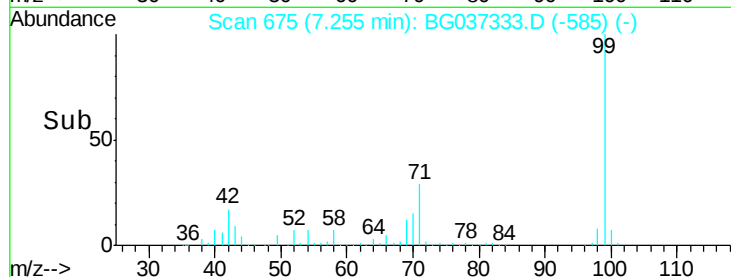
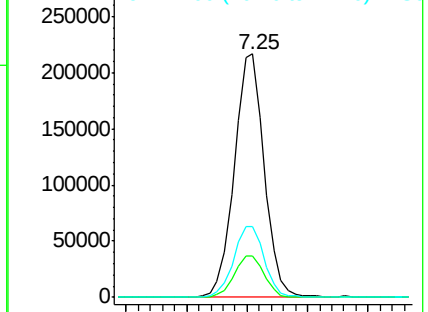
99 100

42 17.0 15.0 22.4

71 29.1 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: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

Tgt Ion: 136 Resp: 245088

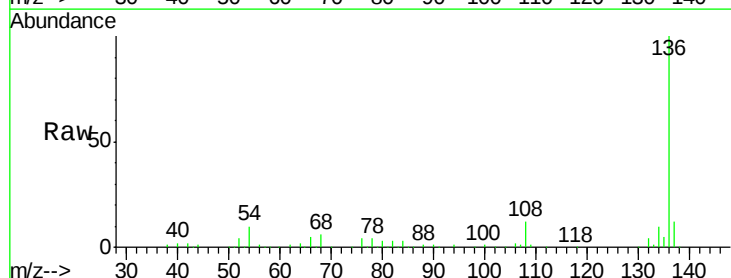
Ion Ratio Lower Upper

136 100

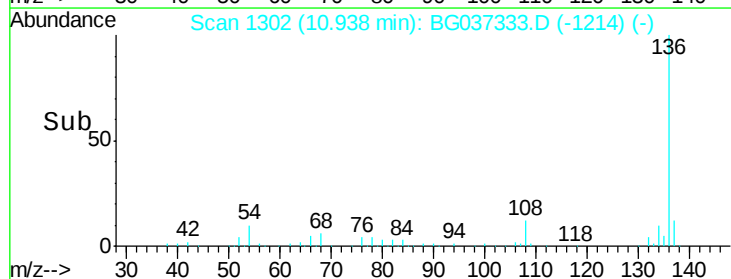
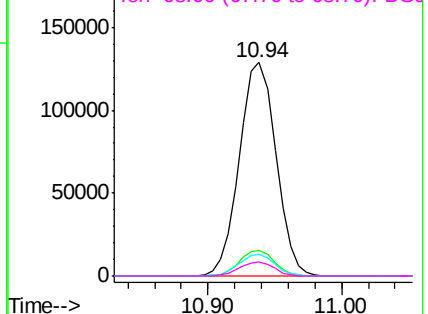
137 12.0 9.6 14.4

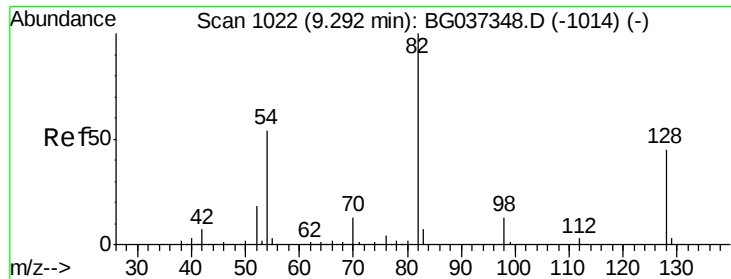
54 10.0 7.9 11.9

68 6.4 4.8 7.2



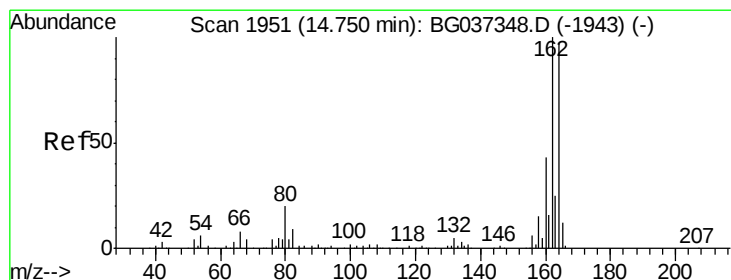
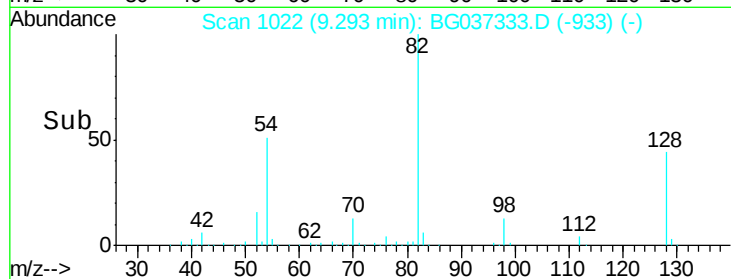
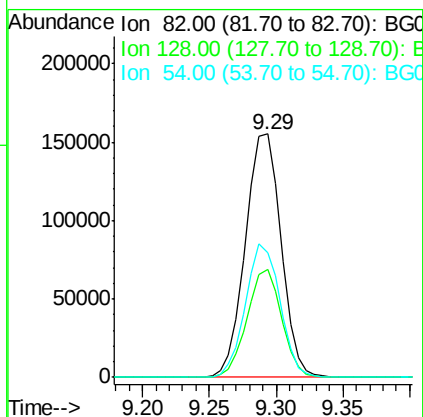
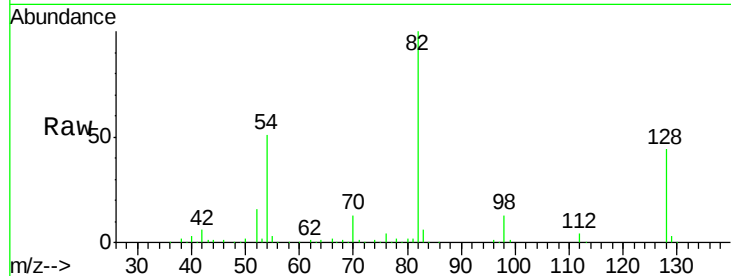
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





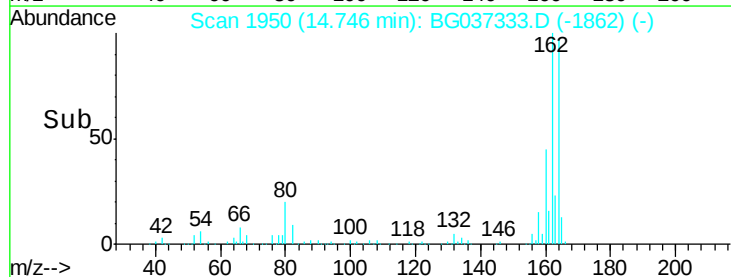
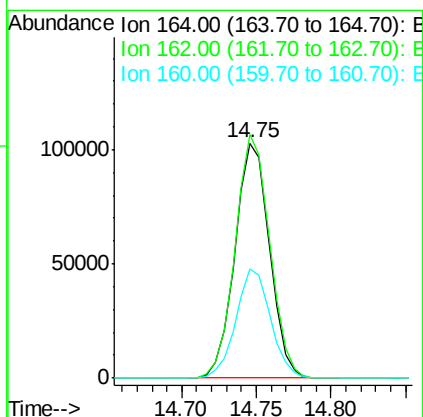
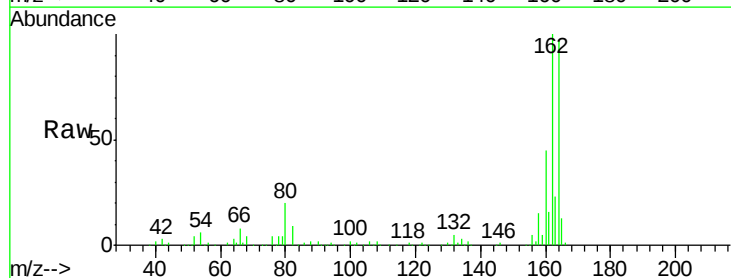
#23
 Nitrobenzene-d5
 Concen: 77.021 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

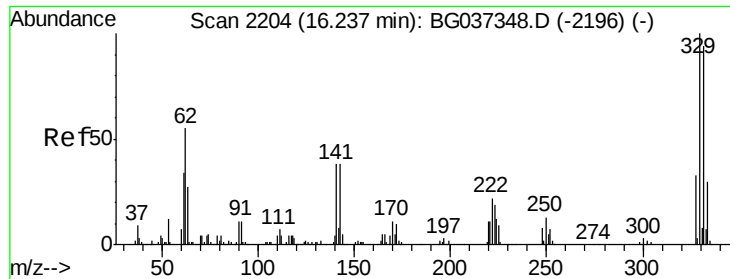
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	51.0	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

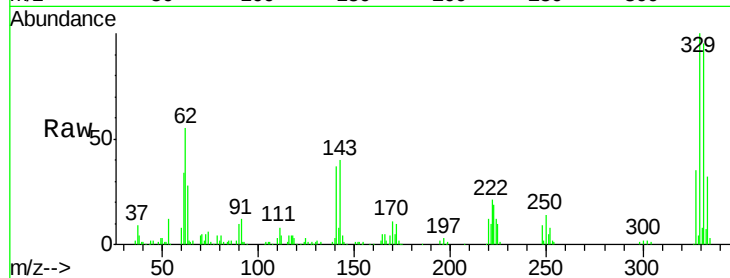
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	46.2	36.3	54.5



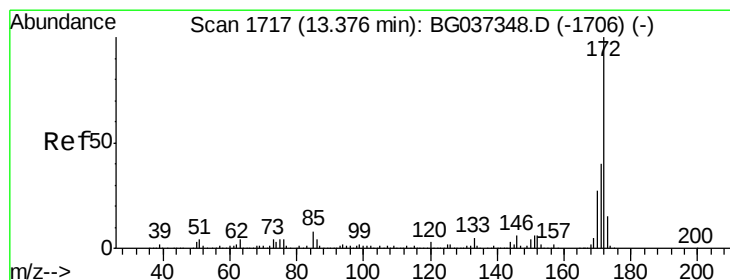
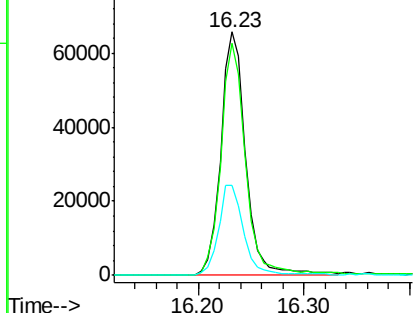
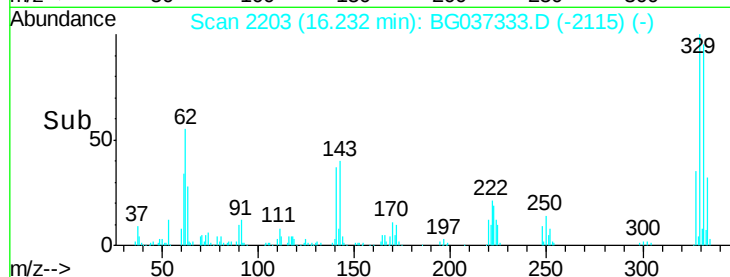


#42
 2,4,6-Tribromophenol
 Concen: 66.608 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	37.2	32.2	48.2

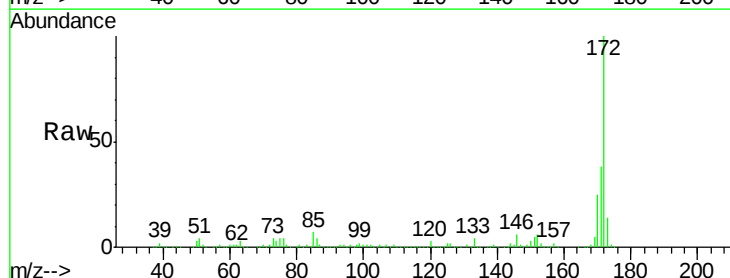


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

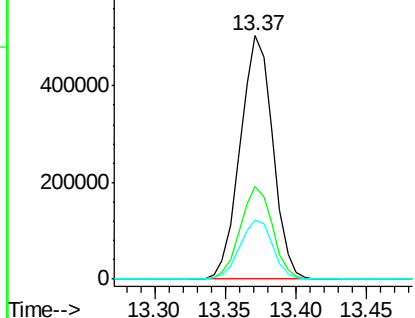
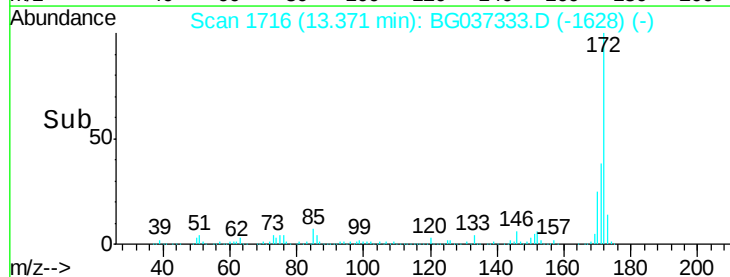


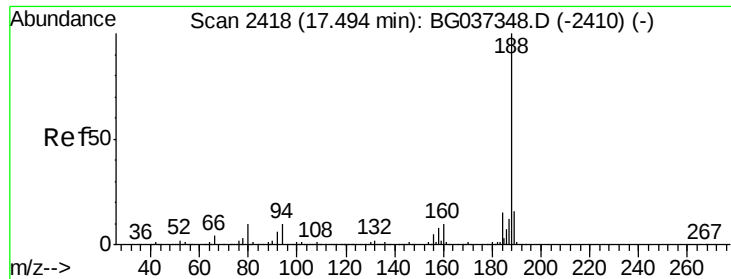
#45
 2-Fluorobiphenyl
 Concen: 73.842 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.6	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: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

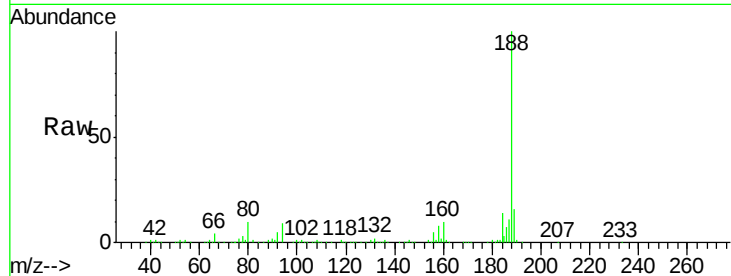
Tgt Ion:188 Resp: 439614

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

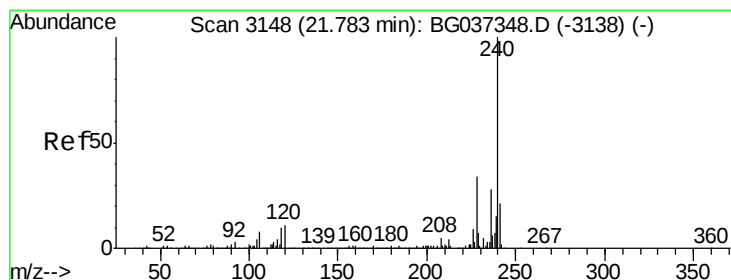
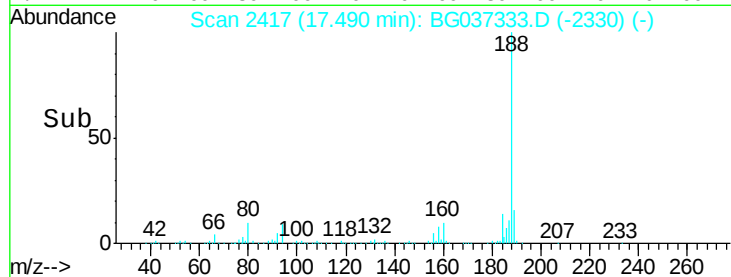
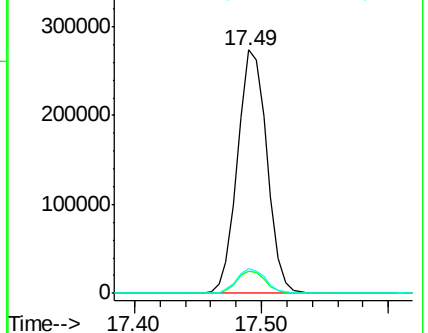
80 10.4 7.7 11.5



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: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

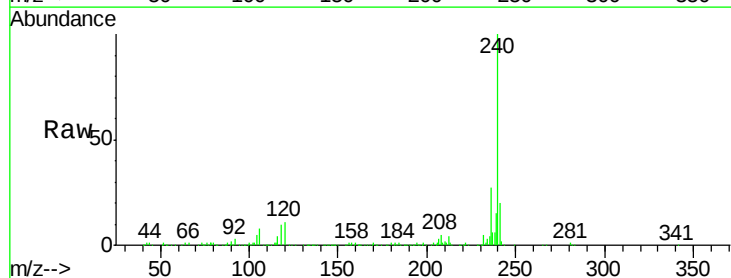
Tgt Ion:240 Resp: 421760

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

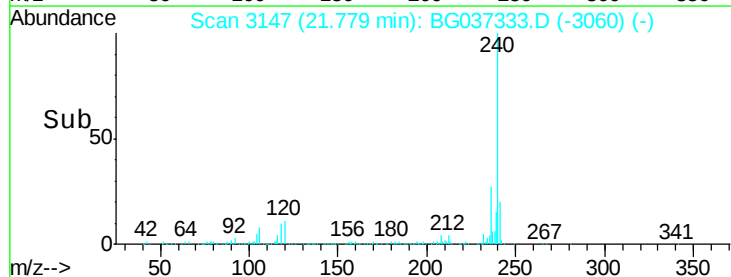
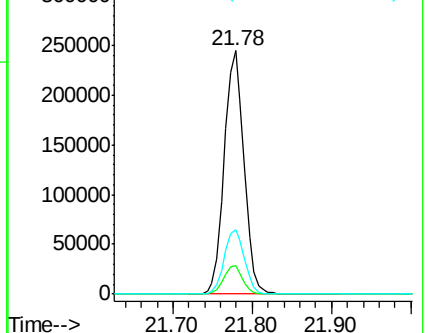
236 26.5 21.4 32.0

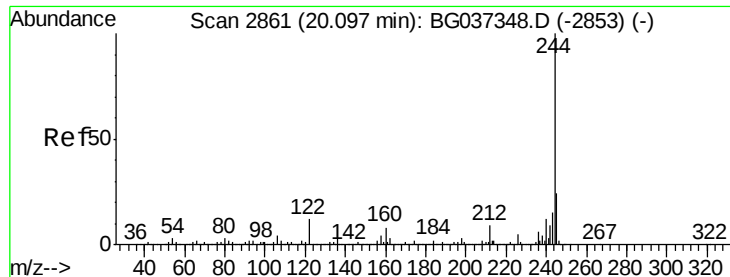


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

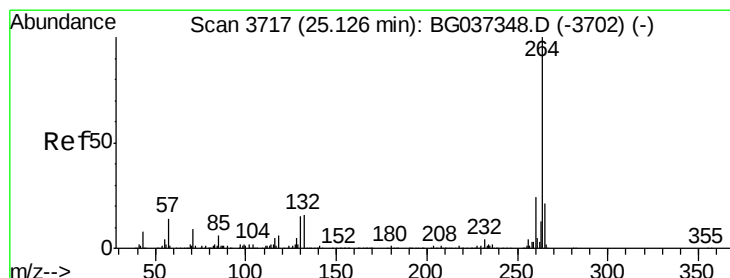
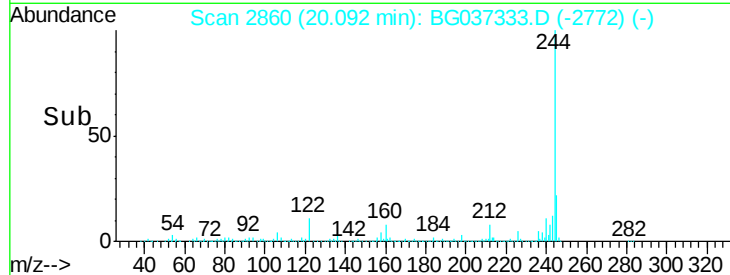
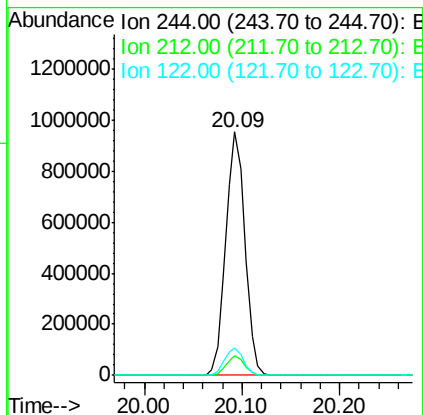
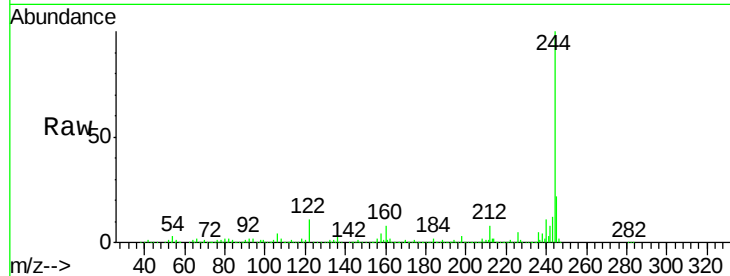




#79
 Terphenyl-d14
 Concen: 64.580 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tgt Ion:244 Resp: 1297173

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.0	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tgt Ion:264 Resp: 416782

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.9	17.9	26.9

