

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037909.D
 Acq On : 9 Nov 2018 7:34
 Operator : JU/SJ
 Sample : J5858-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 09 15:37:41 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

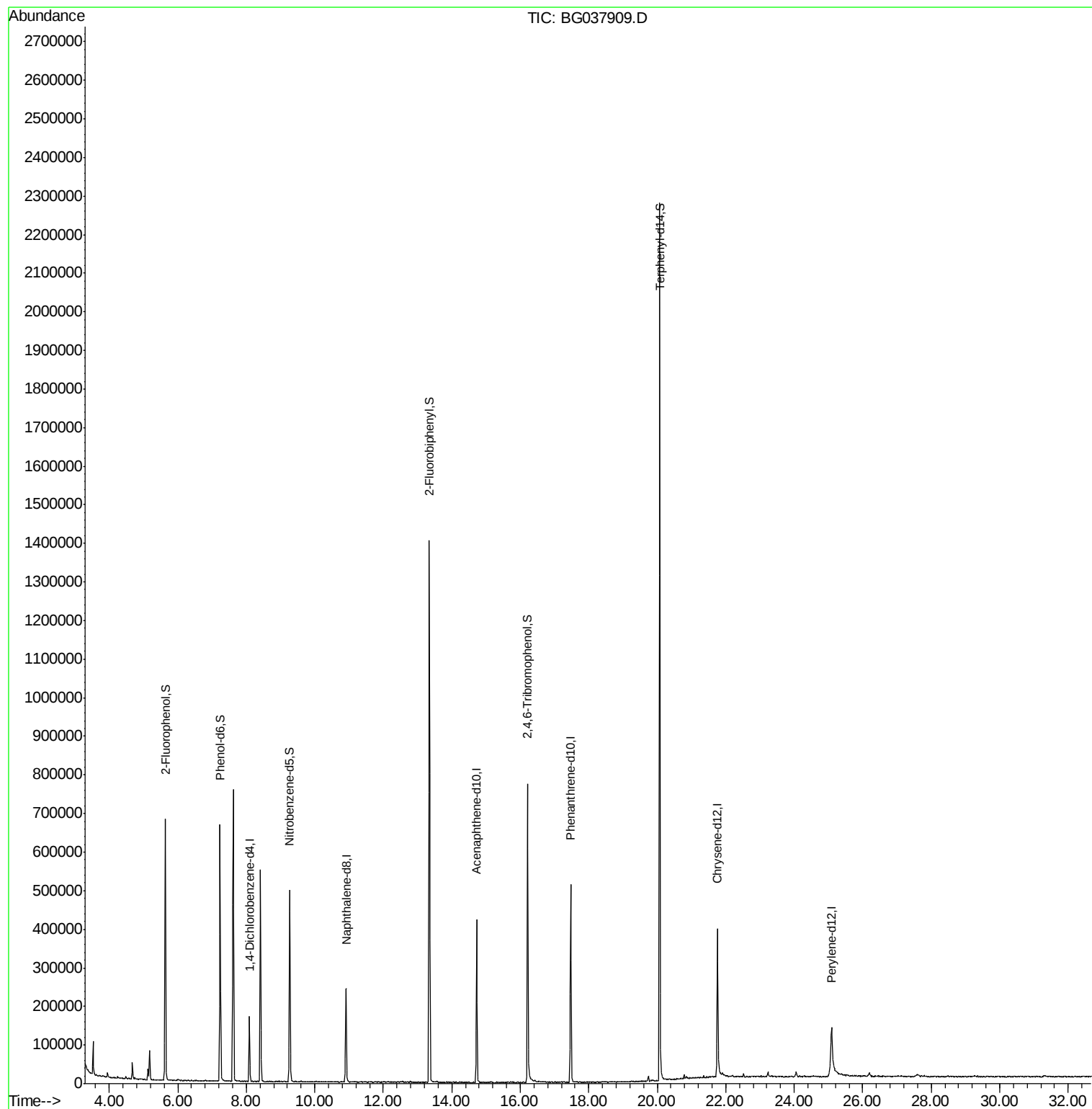
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50081	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	228176	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	150971	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	336090	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	291989	20.00	ng	-0.02
87) Perylene-d12	25.09	264	212211	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	323279	107.92	ng	0.00
7) Phenol-d6	7.24	99	431236	95.20	ng	-0.02
23) Nitrobenzene-d5	9.27	82	323226	79.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	150516	91.41	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	780368	77.95	ng	-0.02
79) Terphenyl-d14	20.07	244	1166120	85.34	ng	-0.02

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

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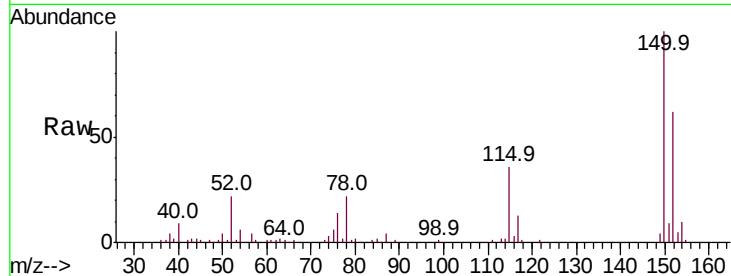




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.0	189.0
115	58.8	45.5	68.3

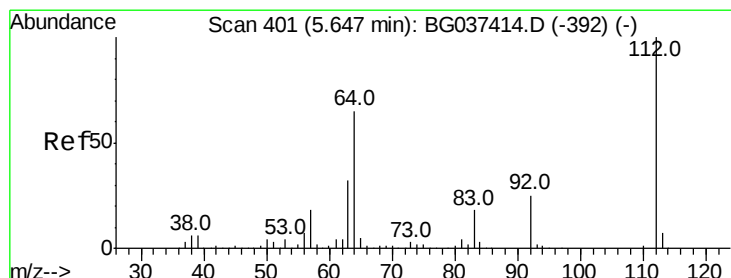
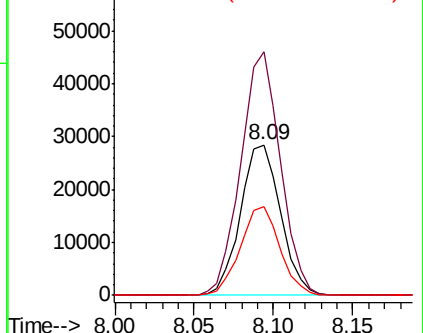
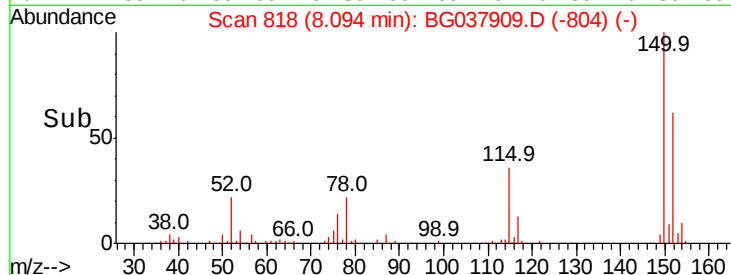


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

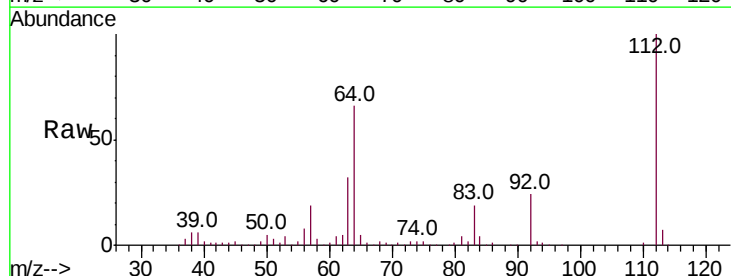
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.920 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	31.6	27.3	40.9

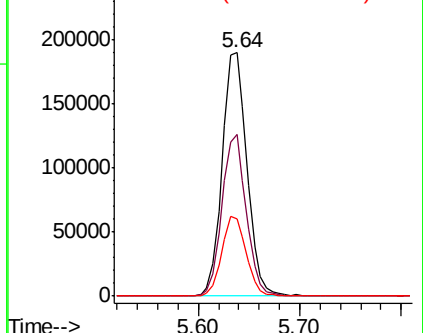
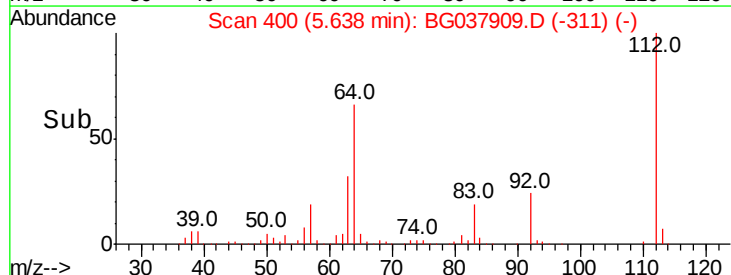


Abundance

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: 95.203 ng

RT: 7.24 min Scan# 672

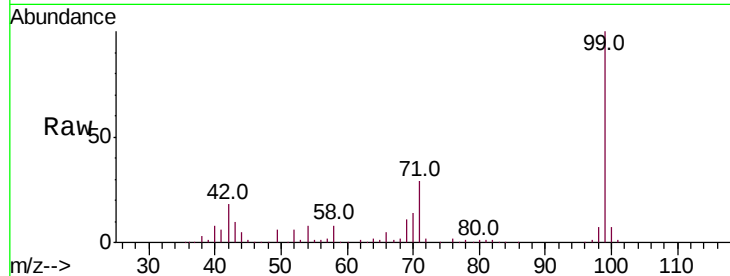
Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

Tot Ion: 99 Resp: 431236

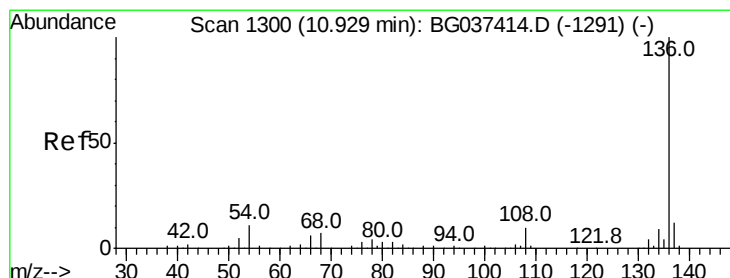
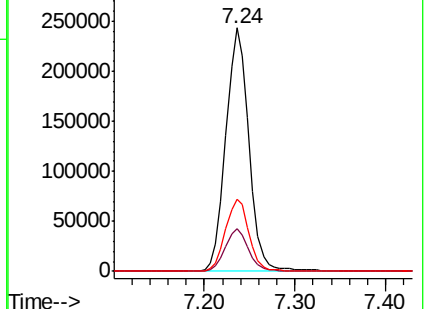
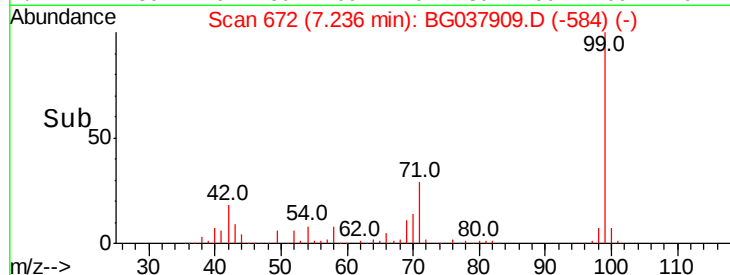
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	29.5	25.5	38.3



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: 10.91 min Scan# 1298

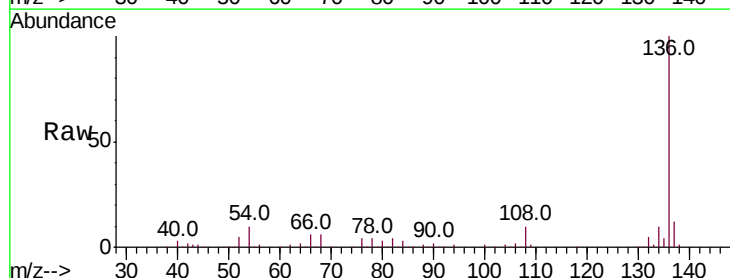
Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

Tgt Ion: 136 Resp: 228176

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	10.4	7.9	11.9
68	6.2	4.8	7.2

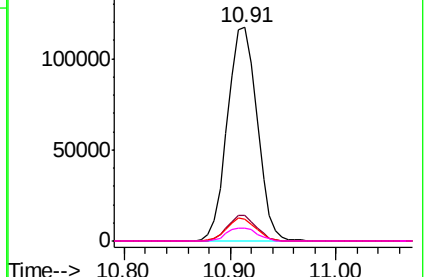
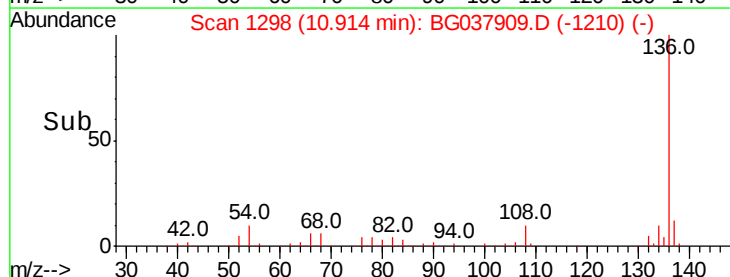


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.354 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

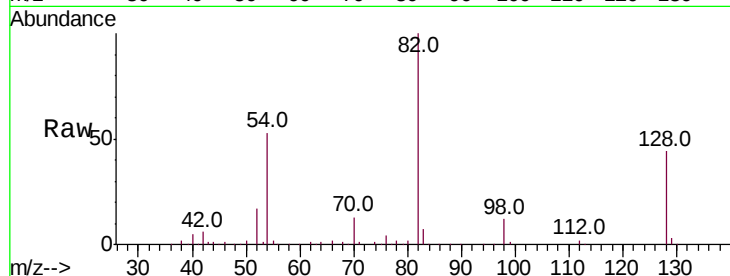
Tot Ion: 82 Resp: 323226

Ion Ratio Lower Upper

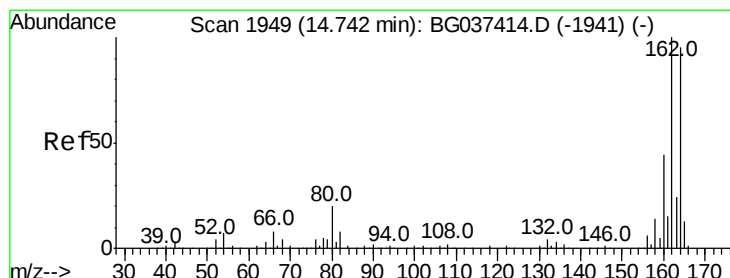
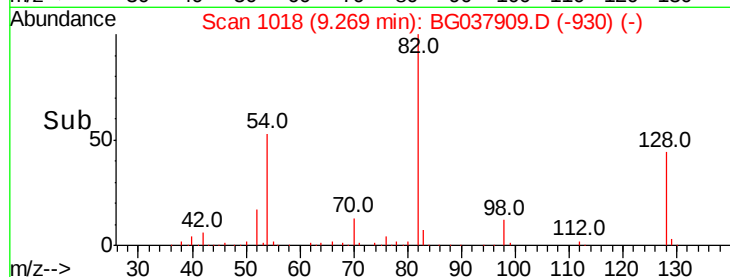
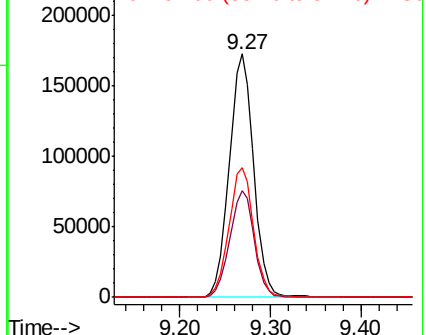
82 100

128 44.0 34.6 51.8

54 53.5 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# 1947

Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

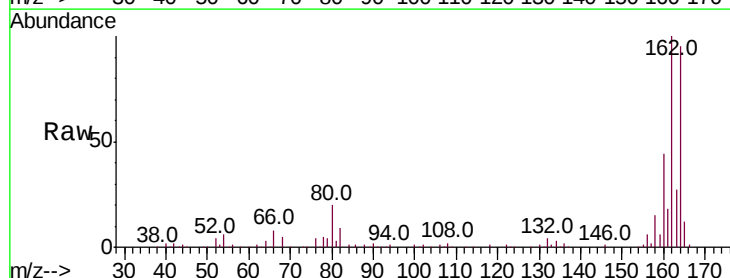
Tgt Ion: 164 Resp: 150971

Ion Ratio Lower Upper

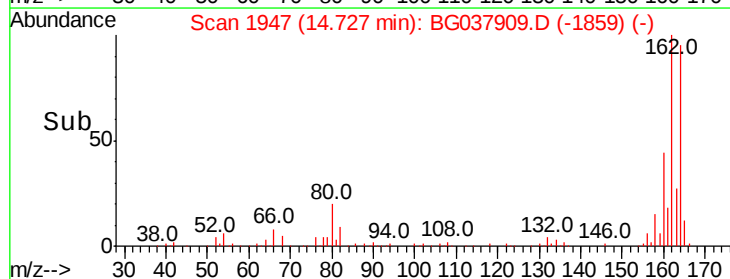
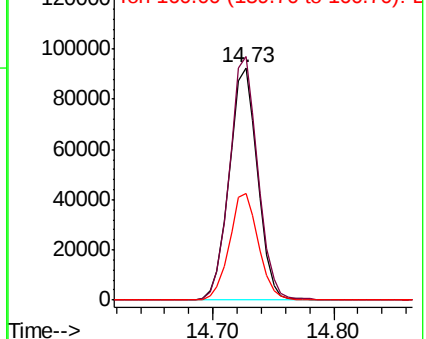
164 100

162 104.8 81.3 121.9

160 46.1 36.3 54.5



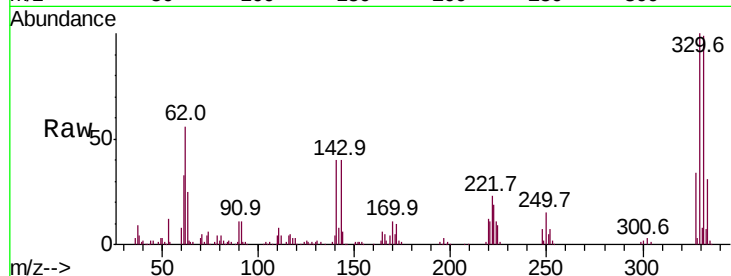
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42
 2,4,6-Tribromophenol
 Concen: 91.409 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.4	117.6
141	39.6	32.2	48.2

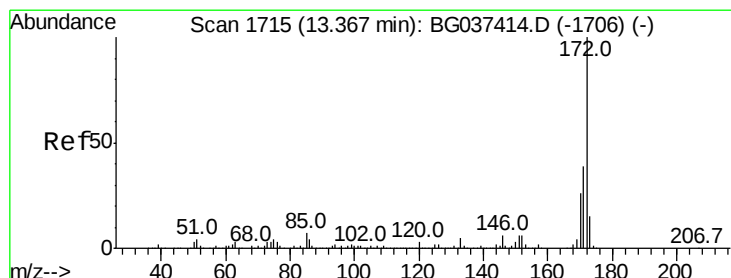
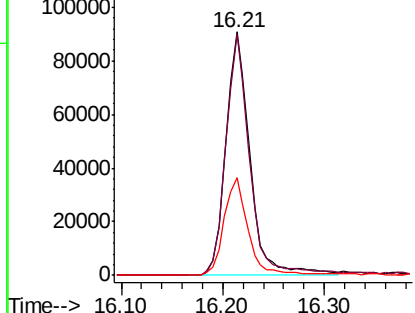
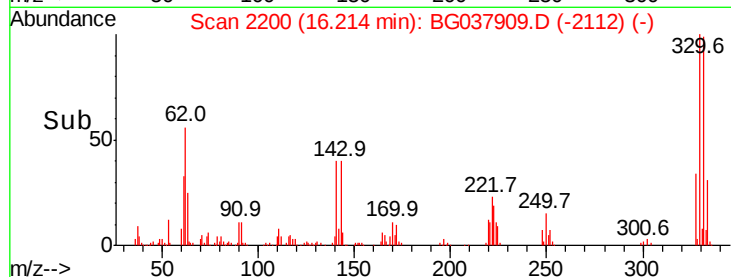


Abundance

Ion 329.80 (329.50 to 330.50): E

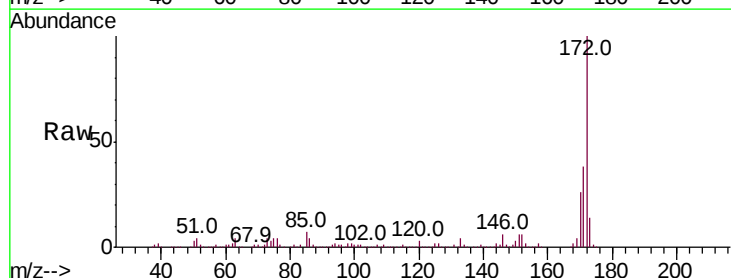
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.946 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.8	20.2	30.2

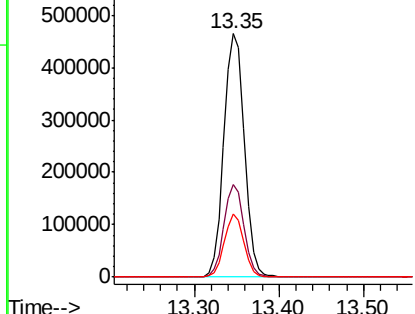
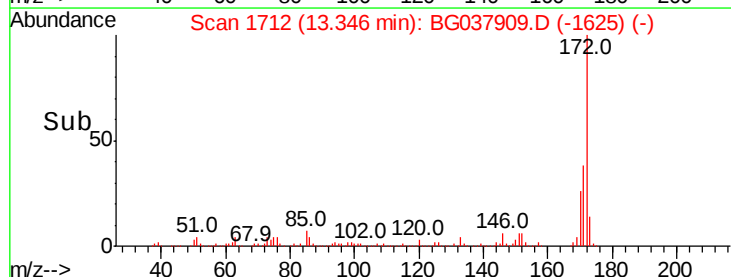


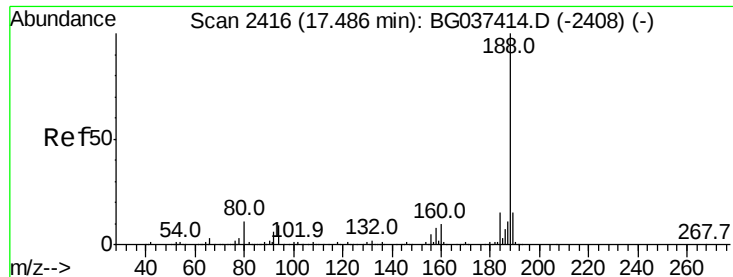
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

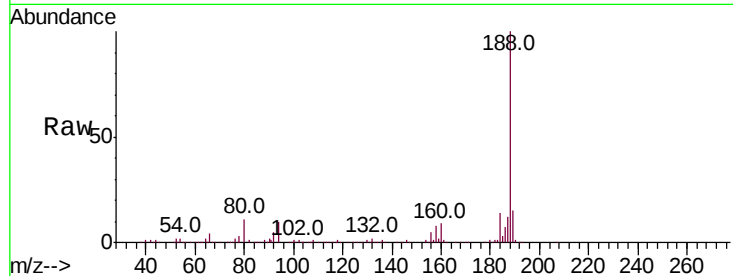
Ion 170.00 (169.70 to 170.70): E



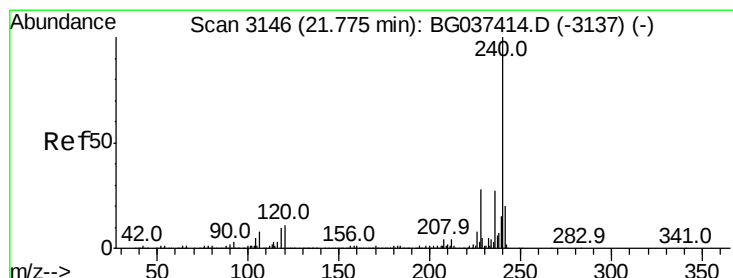
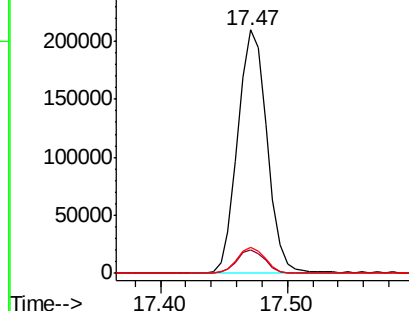
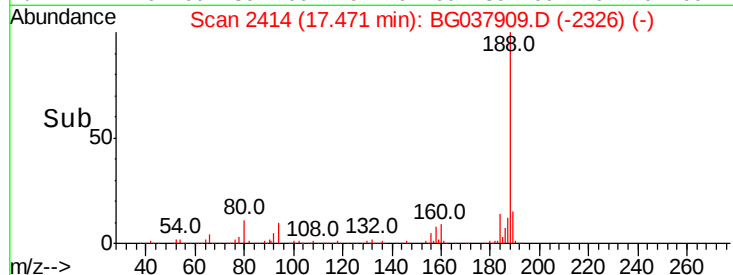


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tot Ion:188 Resp: 336090
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.6 7.7 11.5

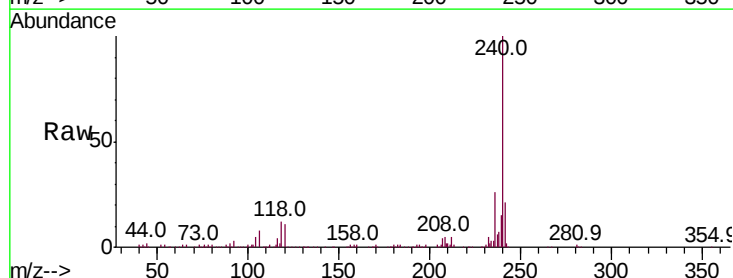


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

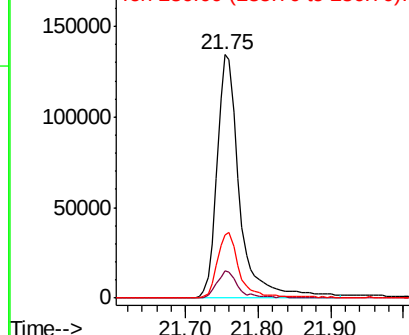
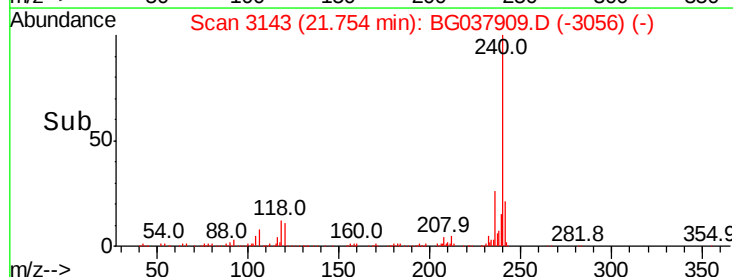


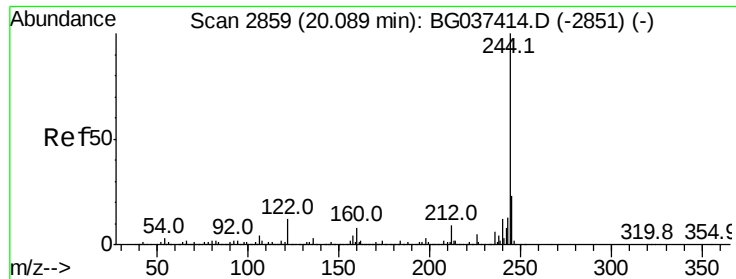
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion:240 Resp: 291989
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.1 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: 85.336 ng

RT: 20.07 min Scan# 2857

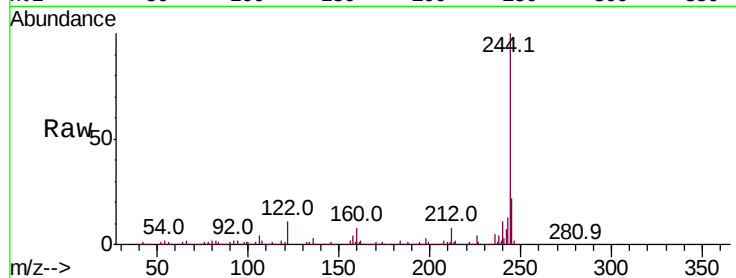
Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

Tot Ion:244 Resp: 1166120

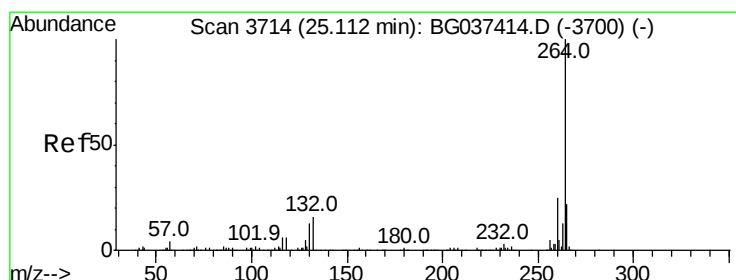
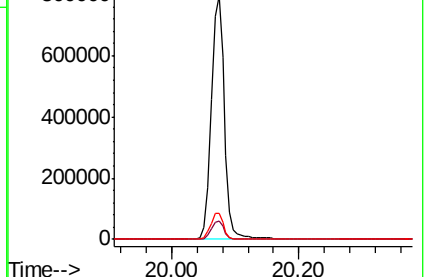
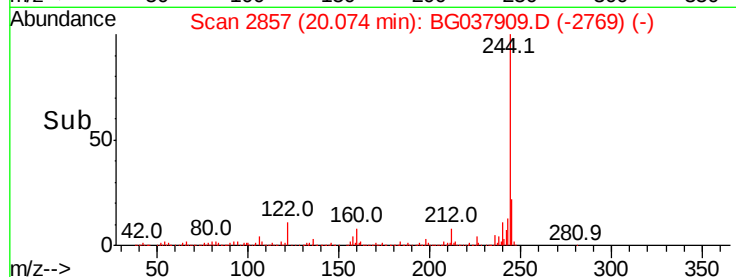
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.9	9.0	13.4



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: 25.09 min Scan# 3711

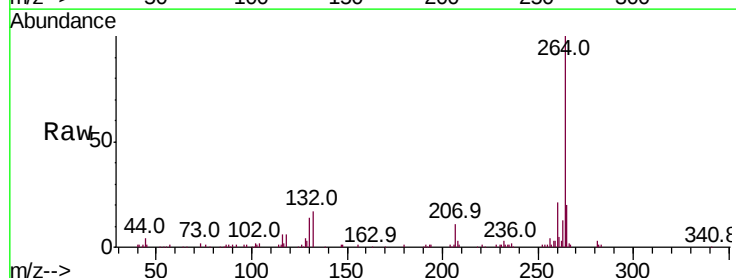
Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

Tgt Ion:264 Resp: 212211

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	20.3	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

