

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037907.D
 Acq On : 9 Nov 2018 6:16
 Operator : JU/SJ
 Sample : J5838-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 09 15:33:52 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

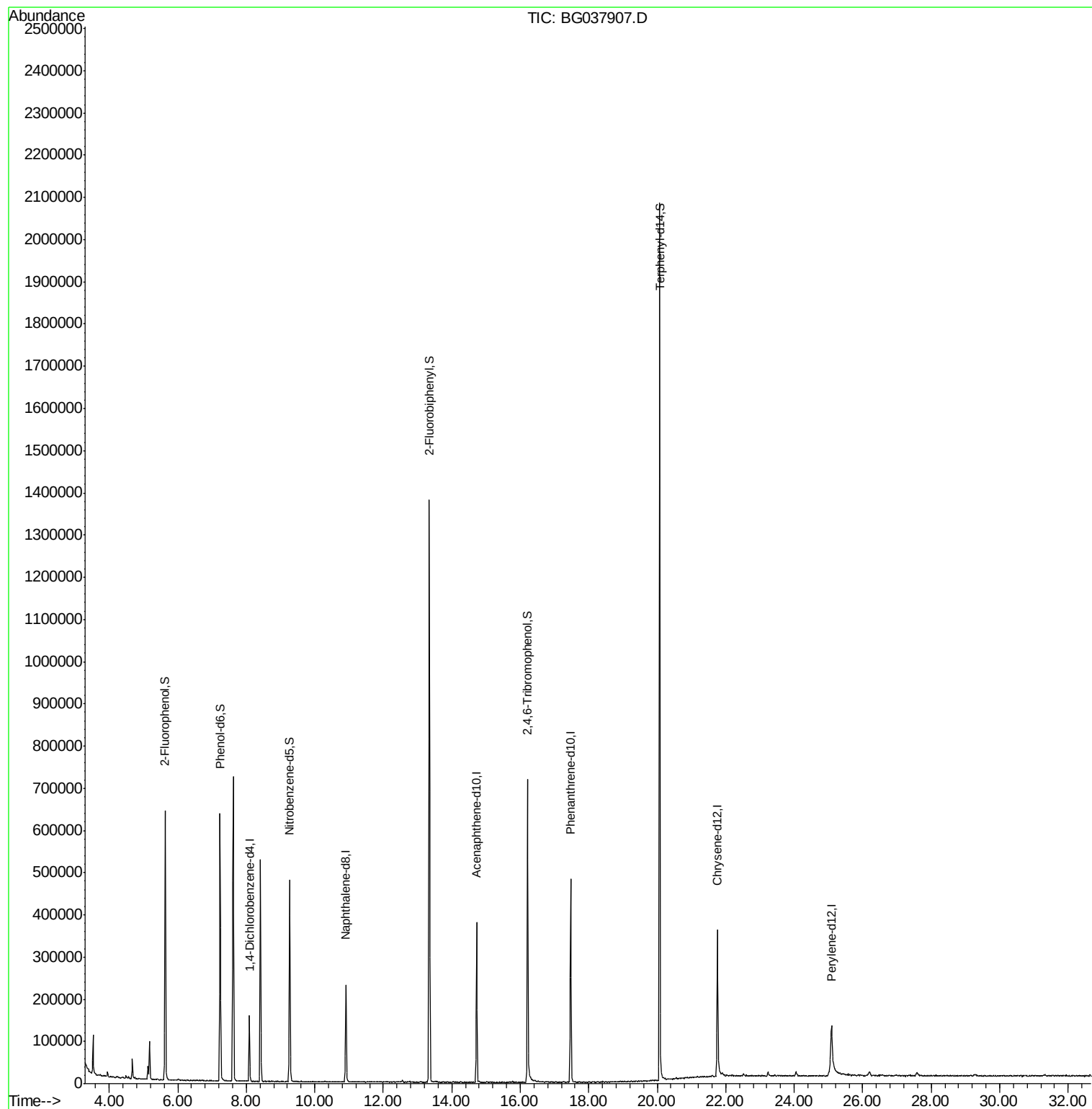
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46836	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	212863	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	139644	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	308913	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	266185	20.00	ng	-0.02
87) Perylene-d12	25.09	264	201964	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	306009	109.23	ng	-0.01
7) Phenol-d6	7.24	99	399888	94.40	ng	-0.01
23) Nitrobenzene-d5	9.27	82	307732	80.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	150761	98.98	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	760315	82.10	ng	-0.02
79) Terphenyl-d14	20.07	244	1088023	87.34	ng	-0.02

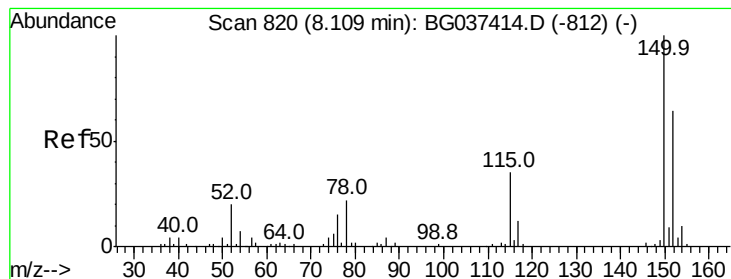
Target Compounds Qvalue

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

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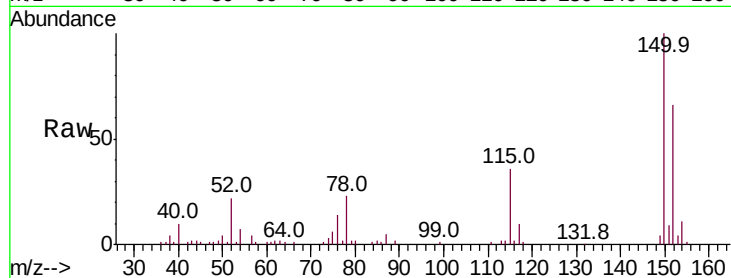




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.0	189.0
115	53.5	45.5	68.3

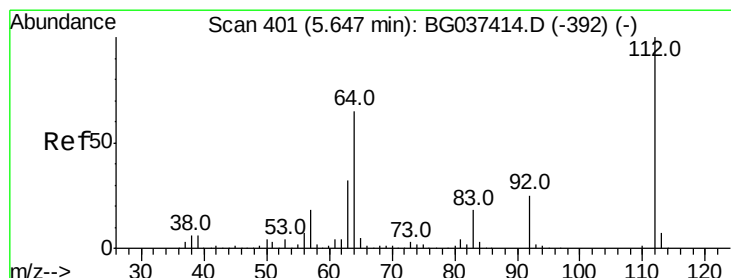
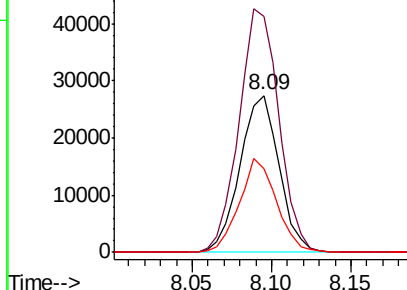
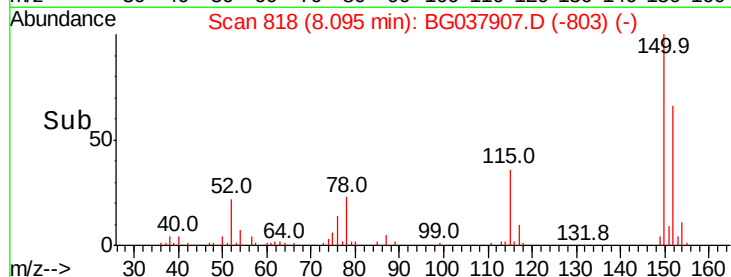


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

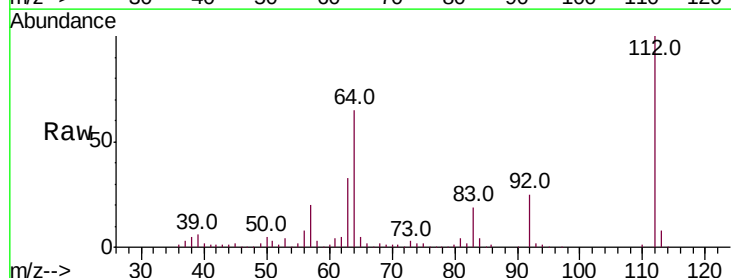
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.233 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.1	79.7
63	32.9	27.3	40.9

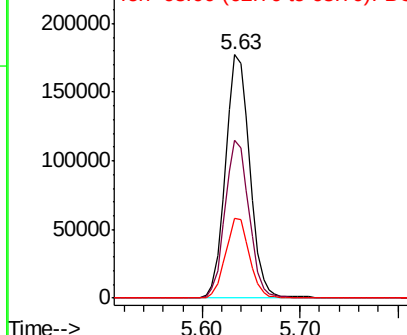
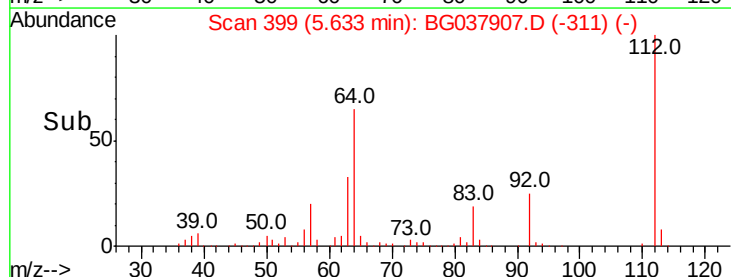


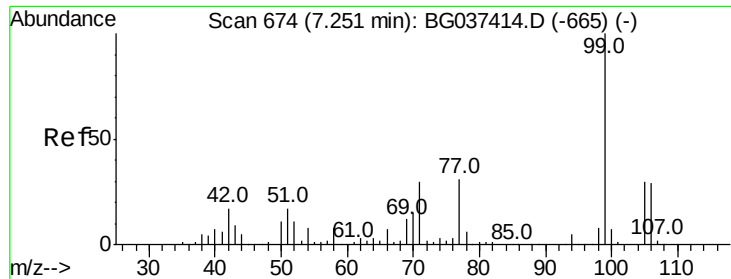
Abundance

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: 94.399 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

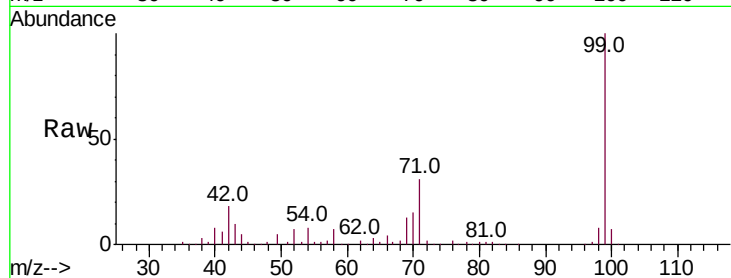
Tot Ion: 99 Resp: 399888

Ion Ratio Lower Upper

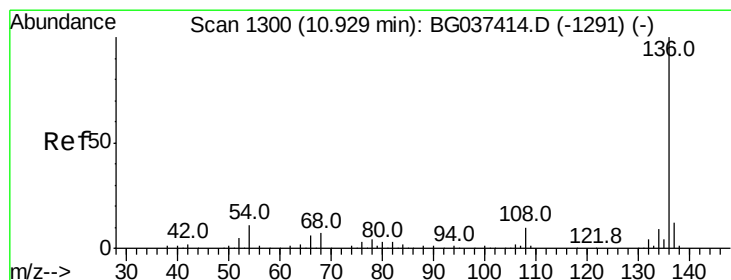
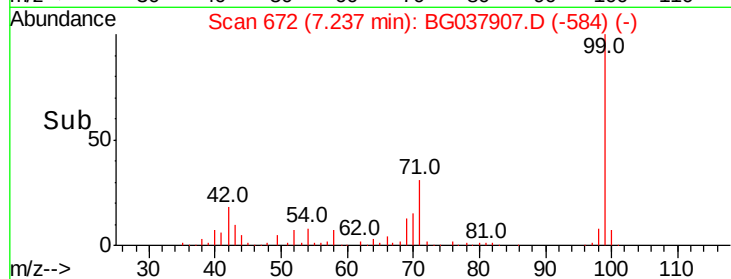
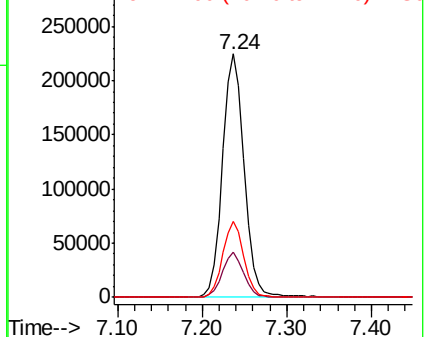
99 100

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

Tgt Ion: 136 Resp: 212863

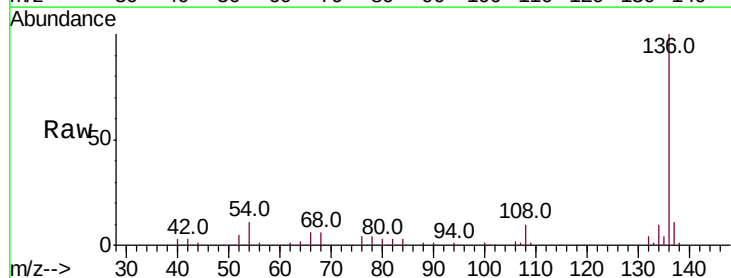
Ion Ratio Lower Upper

136 100

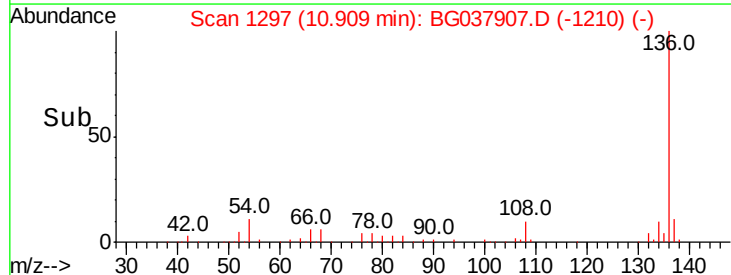
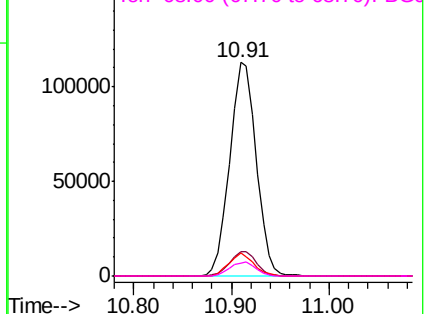
137 11.2 9.6 14.4

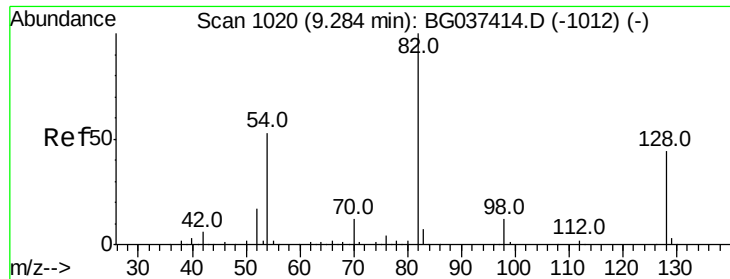
54 10.6 7.9 11.9

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: 80.986 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

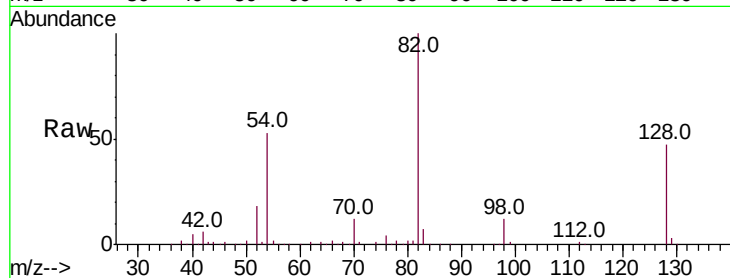
Tot Ion: 82 Resp: 307732

Ion Ratio Lower Upper

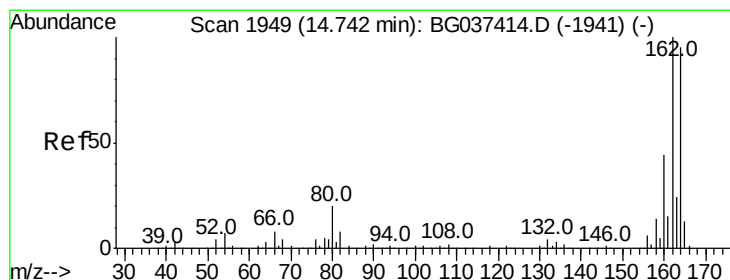
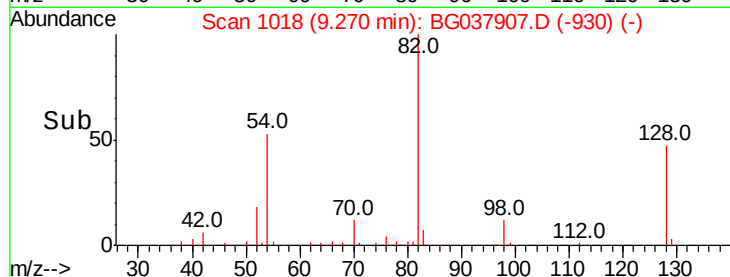
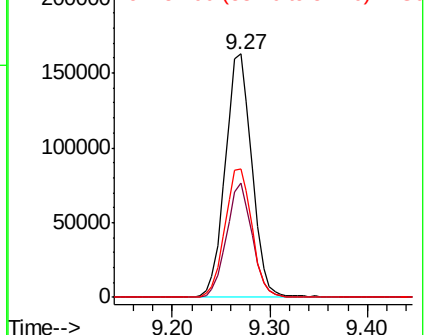
82 100

128 46.8 34.6 51.8

54 52.6 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: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

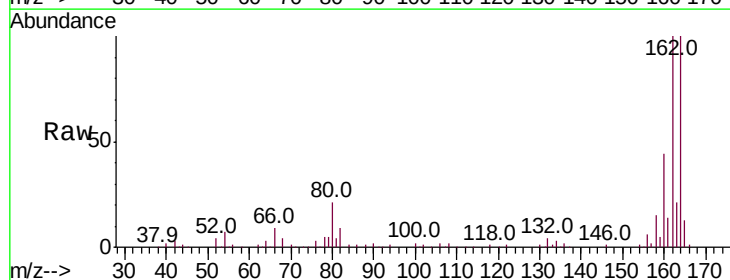
Tgt Ion: 164 Resp: 139644

Ion Ratio Lower Upper

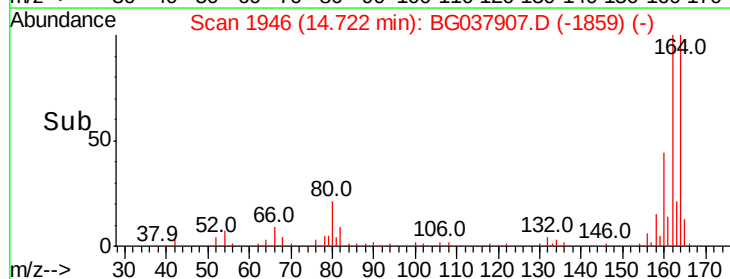
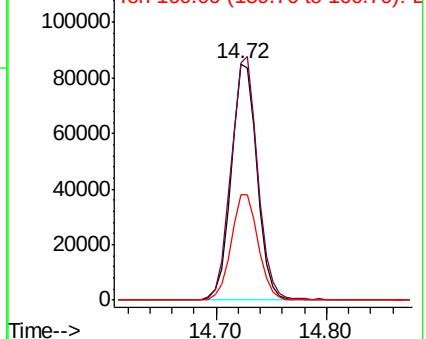
164 100

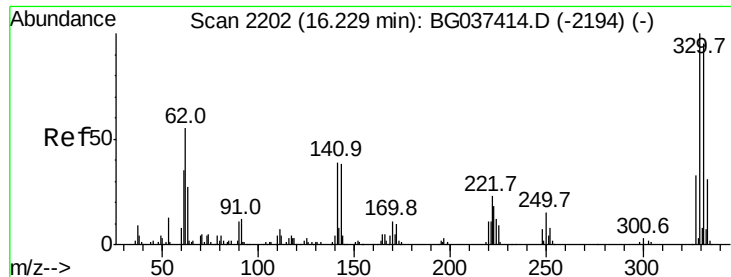
162 100.1 81.3 121.9

160 44.4 36.3 54.5



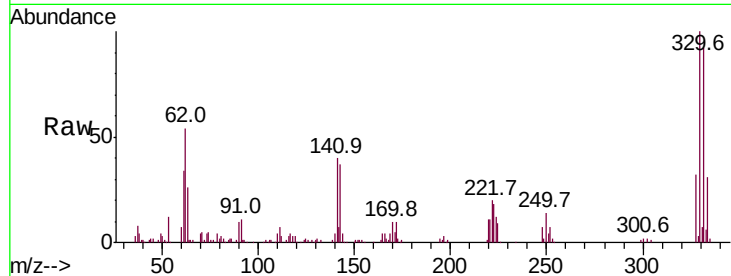
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



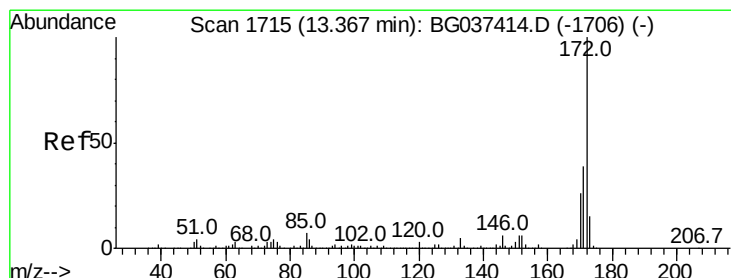
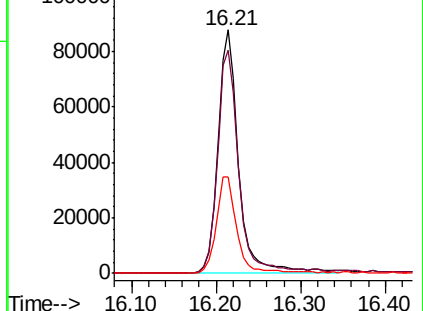
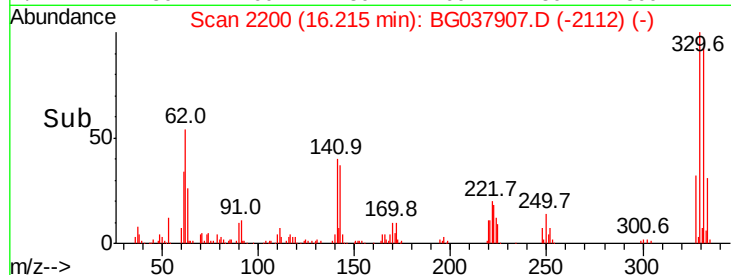


#42
 2,4,6-Tribromophenol
 Concen: 98.984 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037907.D
 Acq: 9 Nov 2018 6:16

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	39.1	32.2	48.2

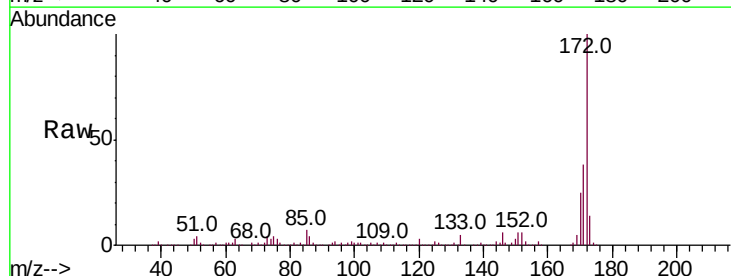


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

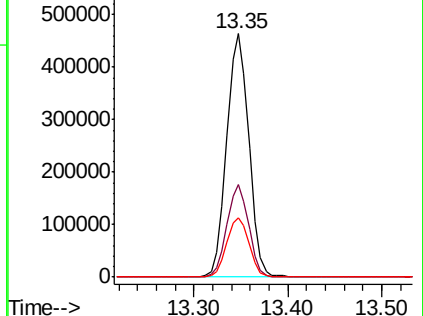
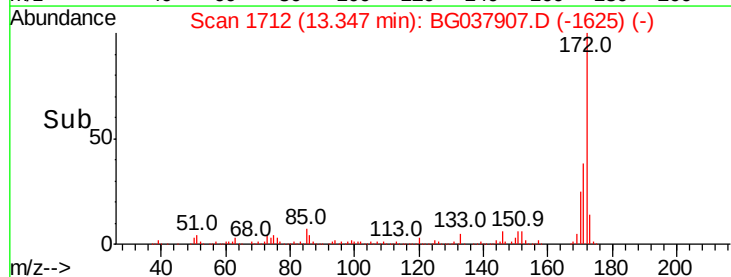


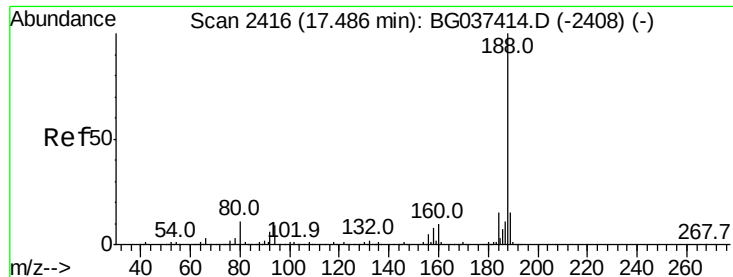
#45
 2-Fluorobiphenyl
 Concen: 82.103 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037907.D
 Acq: 9 Nov 2018 6:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.5	20.2	30.2



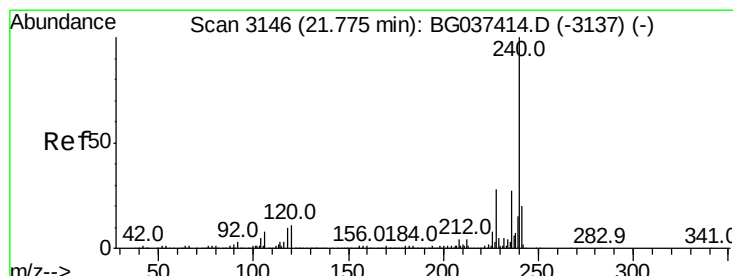
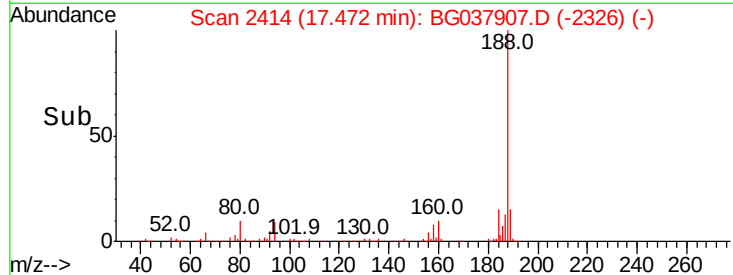
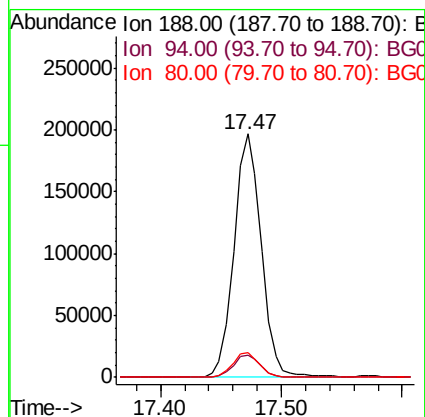
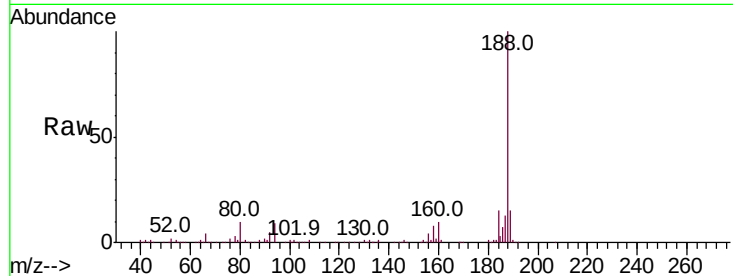
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





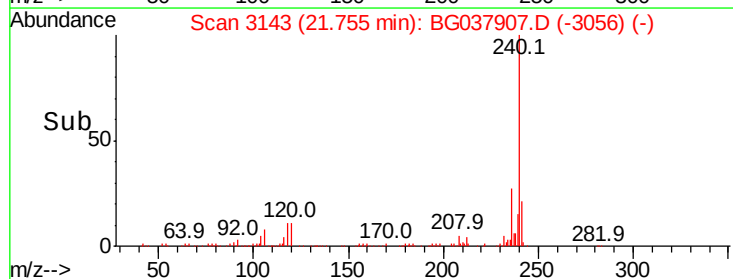
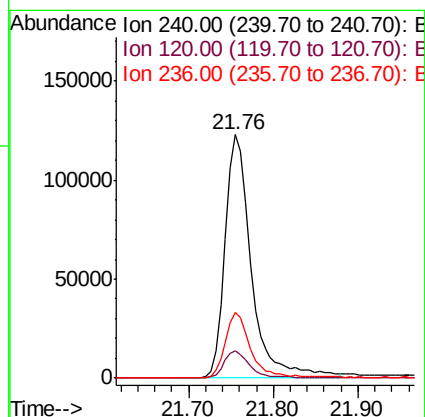
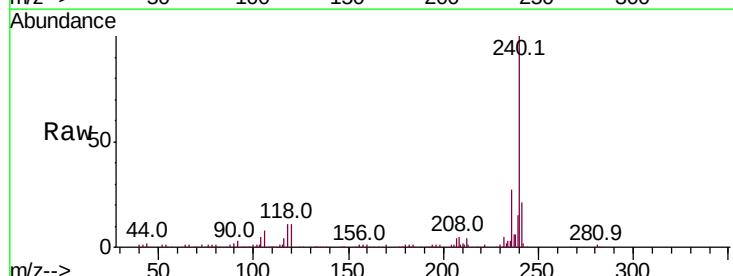
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

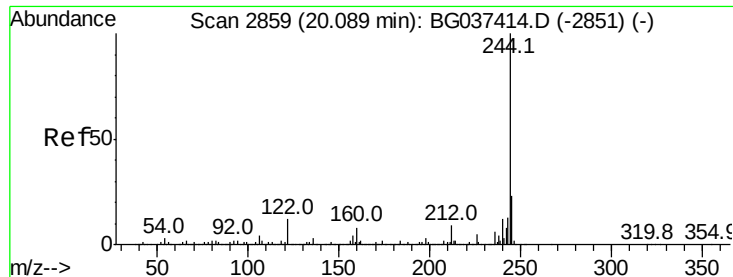
Tot Ion:188 Resp: 308913
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion:240 Resp: 266185
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.9 21.4 32.0





#79

Terphenyl-d14

Concen: 87.340 ng

RT: 20.07 min Scan# 2856

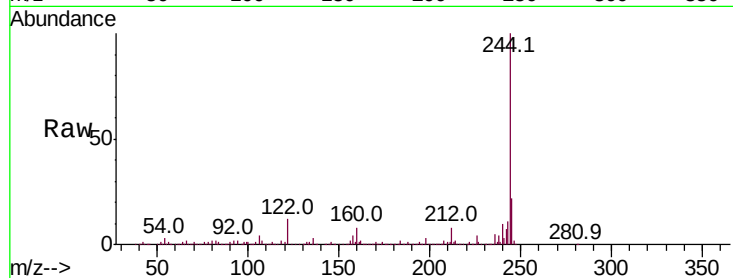
Delta R.T. -0.02 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

Tot Ion:244 Resp: 1088023

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.6	9.0	13.4

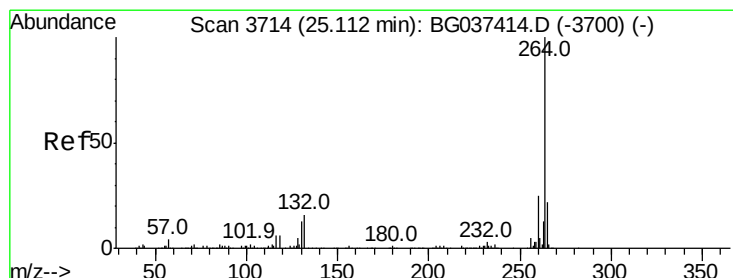
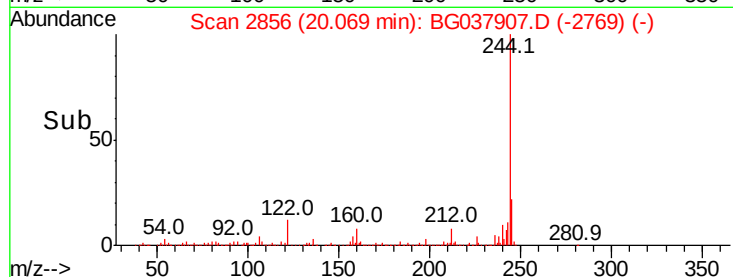
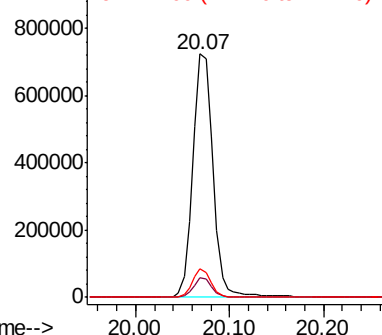


Abundance

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: 25.09 min Scan# 3710

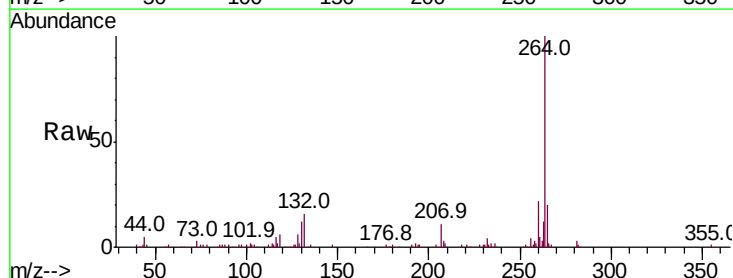
Delta R.T. -0.03 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

Tgt Ion:264 Resp: 201964

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	19.9	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

