

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037905.D
 Acq On : 9 Nov 2018 4:58
 Operator : JU/SJ
 Sample : J5768-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 09 15:31:44 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

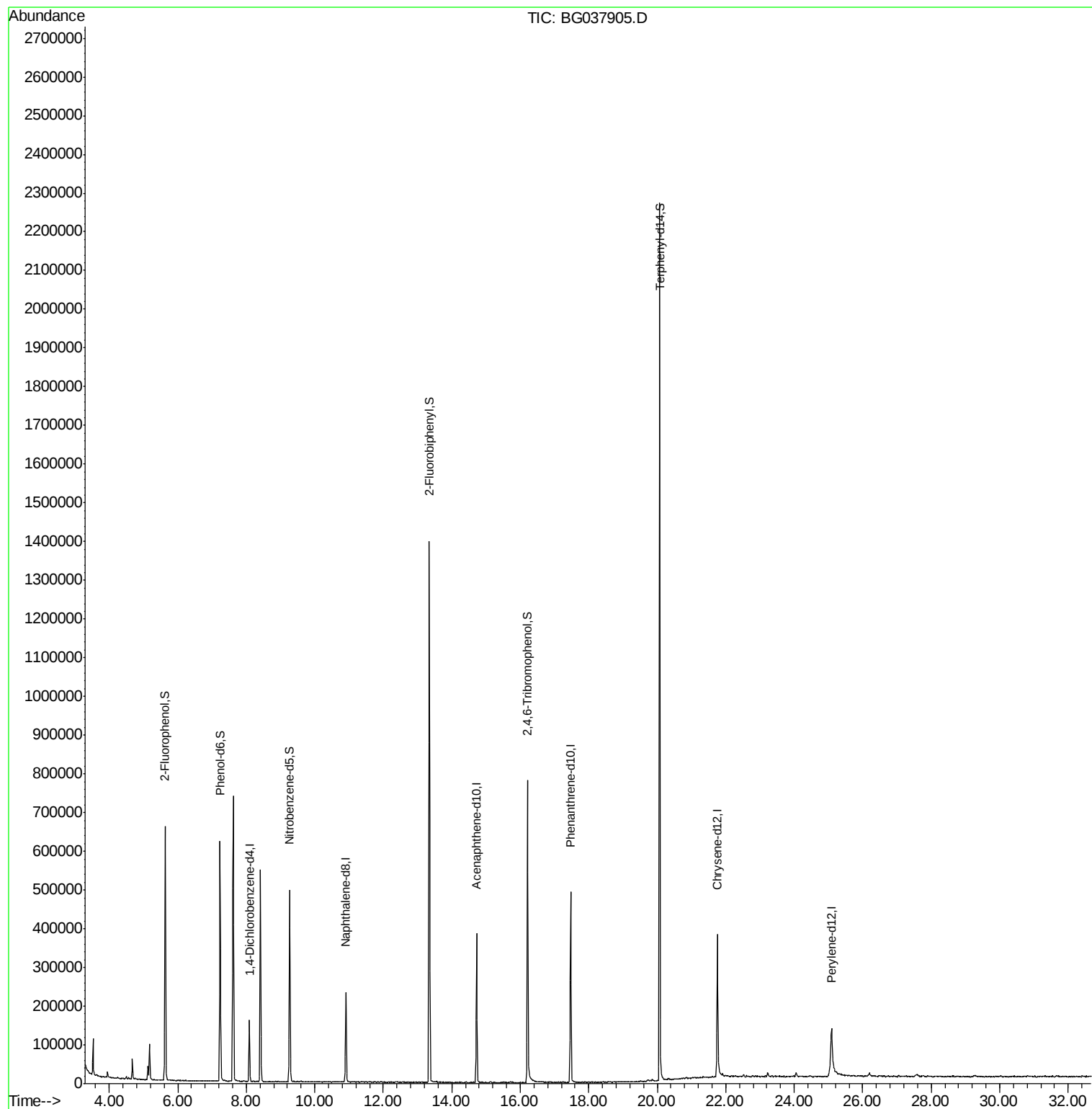
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48621	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	215726	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	141760	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	314827	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	275337	20.00	ng	-0.02
87) Perylene-d12	25.09	264	223471	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	309097	106.28	ng	-0.01
7) Phenol-d6	7.24	99	398426	90.60	ng	-0.01
23) Nitrobenzene-d5	9.27	82	318600	82.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	159096	102.90	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	778665	82.83	ng	-0.02
79) Terphenyl-d14	20.07	244	1153050	89.48	ng	-0.02

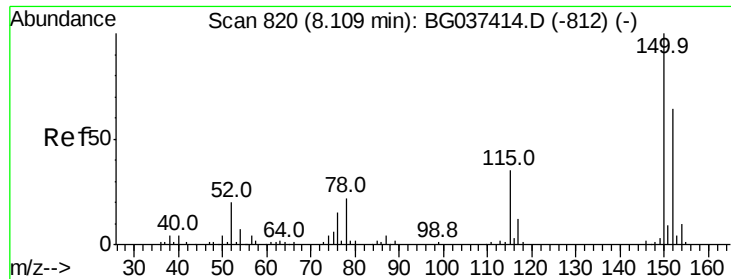
Target Compounds Qvalue

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

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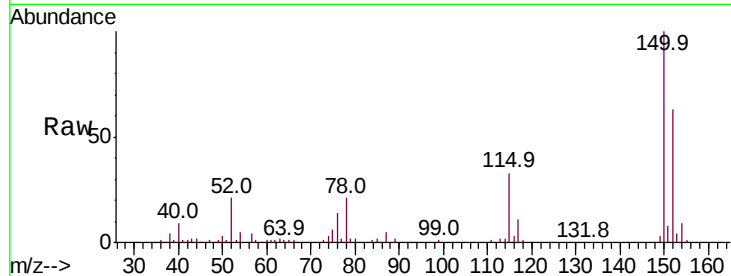




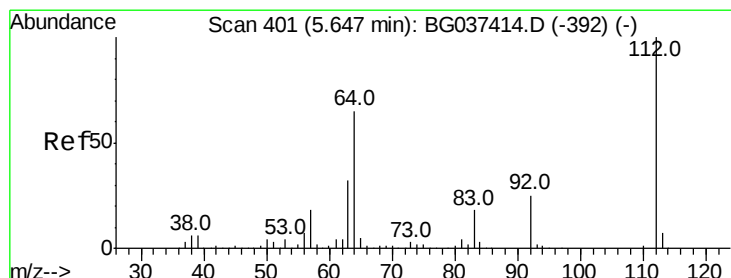
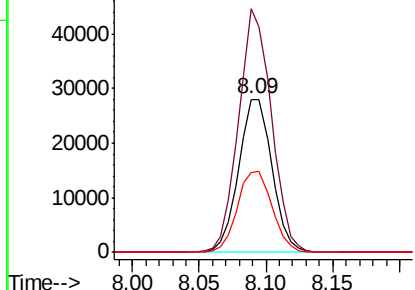
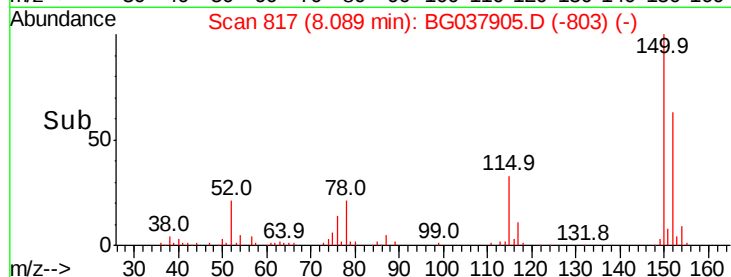
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037905.D
Acq: 9 Nov 2018 4:58

Tot Ion:152 Resp: 48621
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 52.2 45.5 68.3



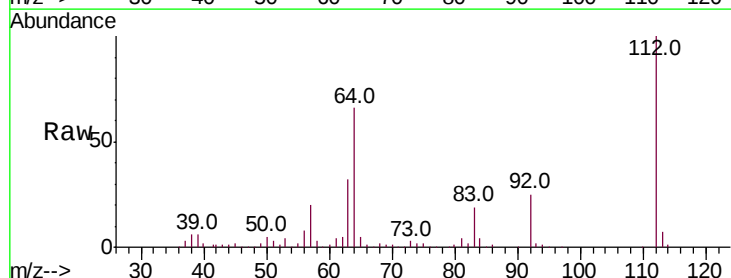
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



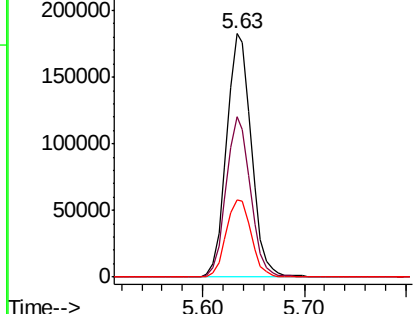
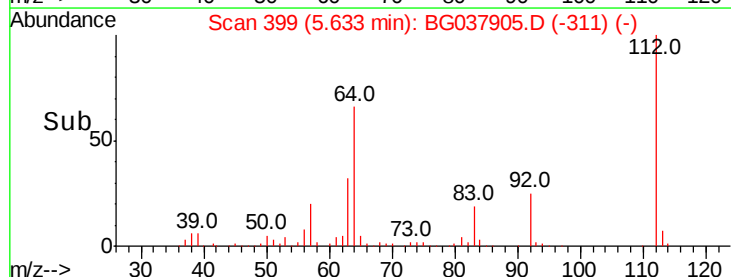
#5

2-Fluorophenol
Concen: 106.284 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037905.D
Acq: 9 Nov 2018 4:58

Tgt Ion:112 Resp: 309097
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 31.9 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: 90.601 ng

RT: 7.24 min Scan# 672

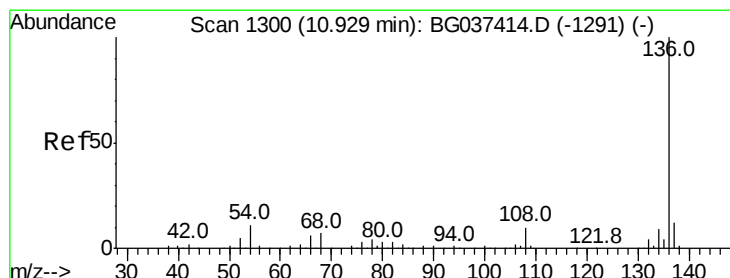
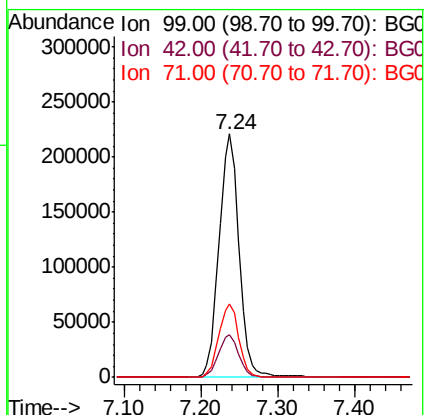
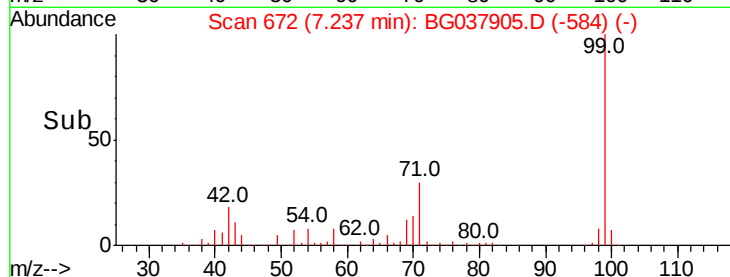
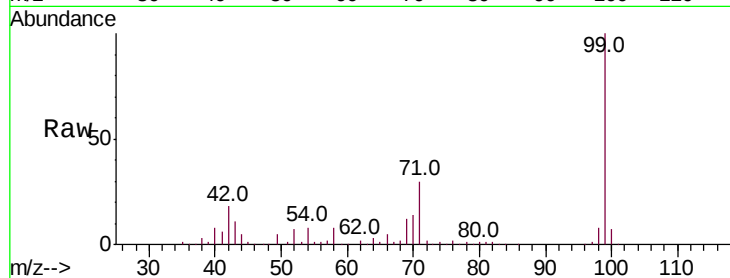
Delta R.T. -0.01 min

Lab File: BG037905.D

Acq: 9 Nov 2018 4:58

Tot Ion: 99 Resp: 398426

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	30.3	25.5	38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

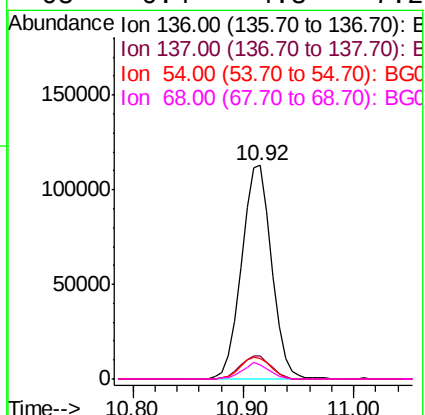
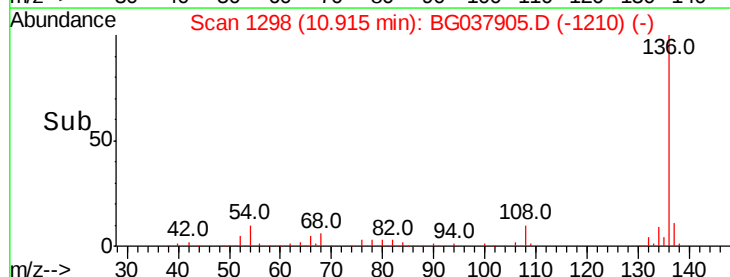
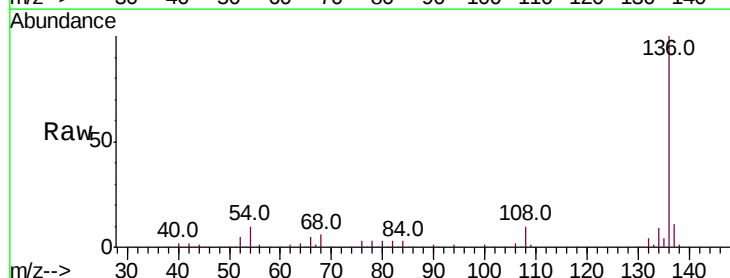
Delta R.T. -0.01 min

Lab File: BG037905.D

Acq: 9 Nov 2018 4:58

Tgt Ion: 136 Resp: 215726

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.9	7.9	11.9
68	6.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 82.733 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037905.D

Acq: 9 Nov 2018 4:58

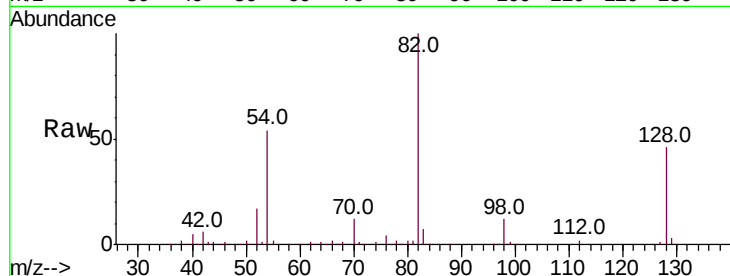
Tot Ion: 82 Resp: 318600

Ion Ratio Lower Upper

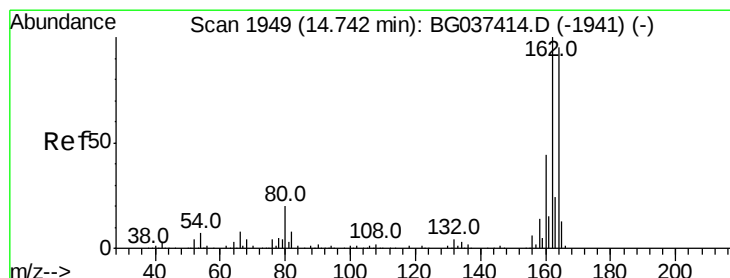
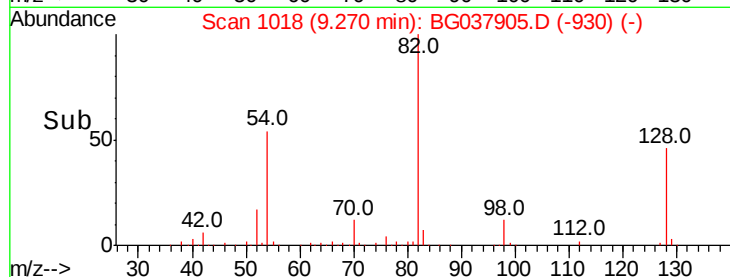
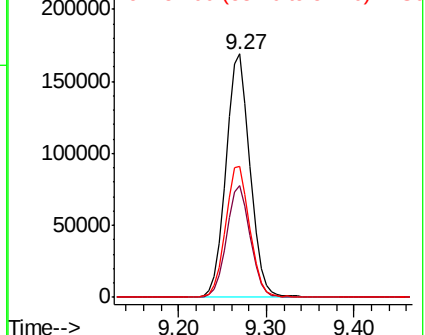
82 100

128 45.8 34.6 51.8

54 53.9 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: BG037905.D

Acq: 9 Nov 2018 4:58

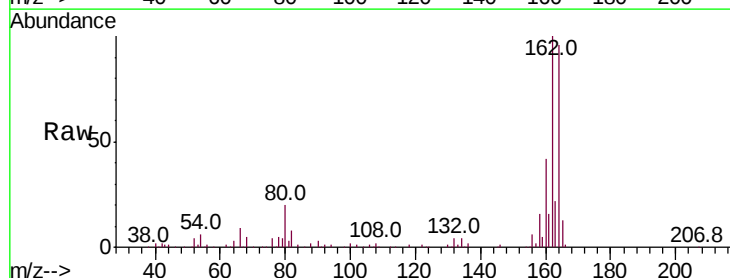
Tgt Ion: 164 Resp: 141760

Ion Ratio Lower Upper

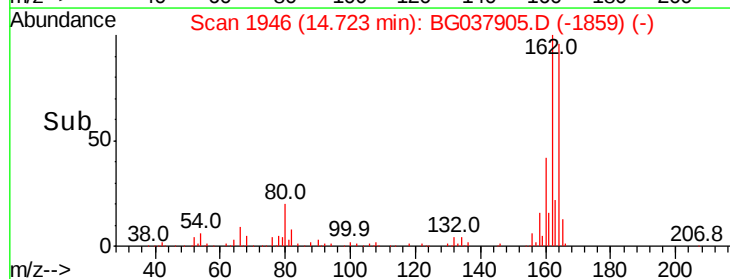
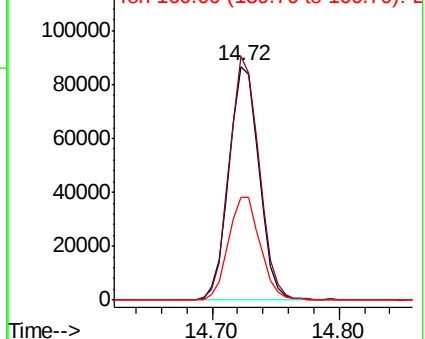
164 100

162 104.3 81.3 121.9

160 44.1 36.3 54.5



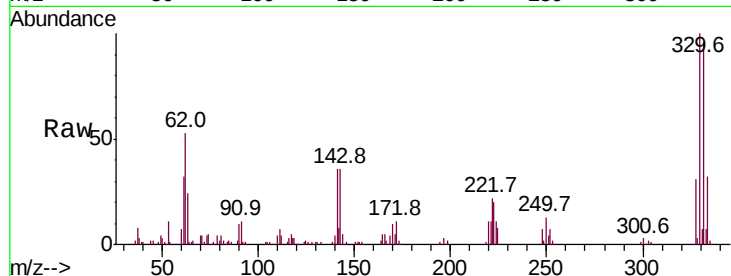
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



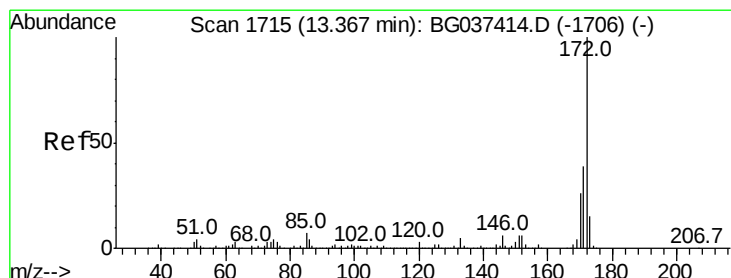
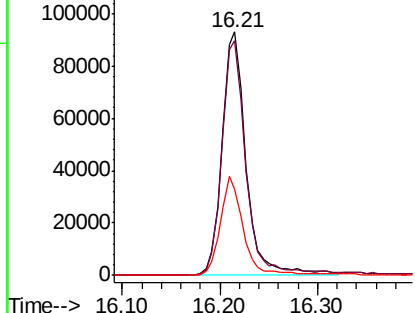
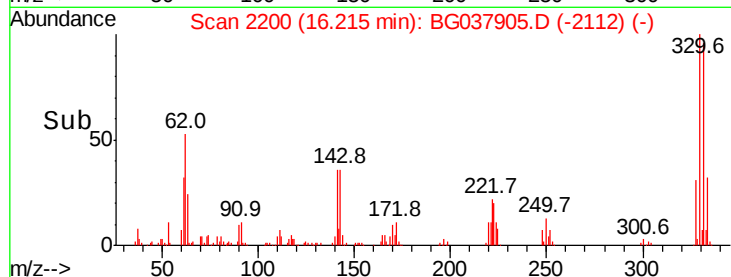


#42
 2,4,6-Tribromophenol
 Concen: 102.897 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037905.D
 Acq: 9 Nov 2018 4:58

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.4	117.6
141	38.4	32.2	48.2

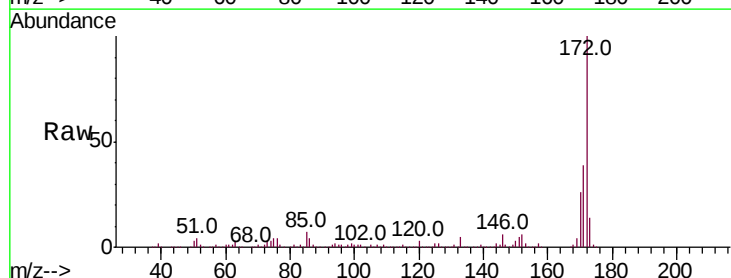


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

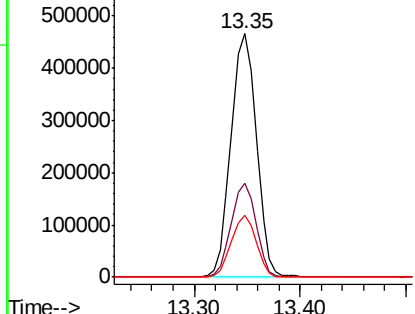
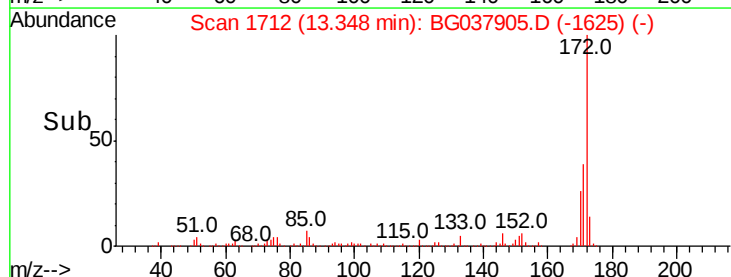


#45
 2-Fluorobiphenyl
 Concen: 82.829 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037905.D
 Acq: 9 Nov 2018 4:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.6	20.2	30.2



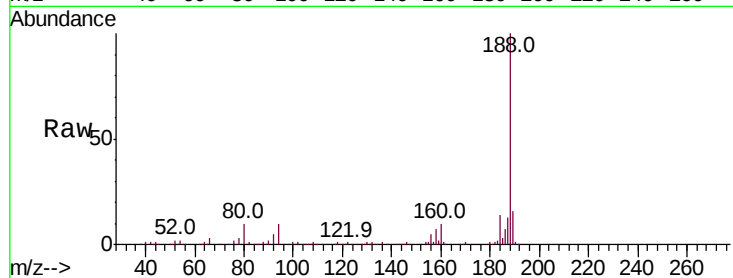
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



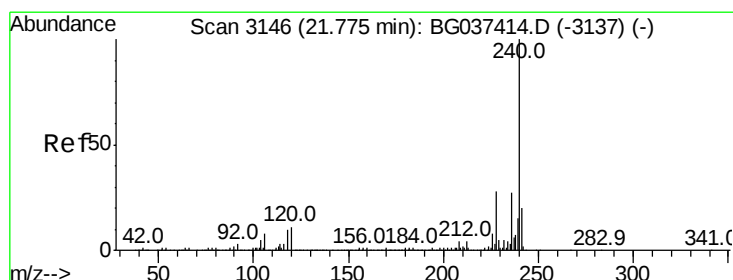
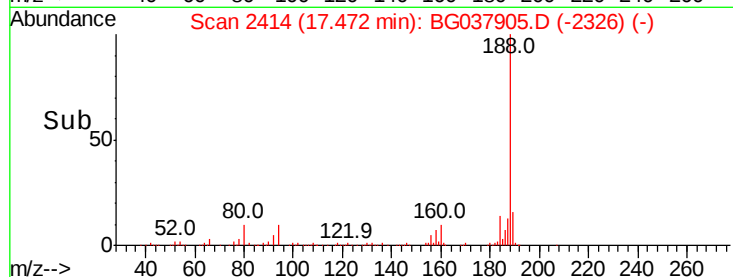
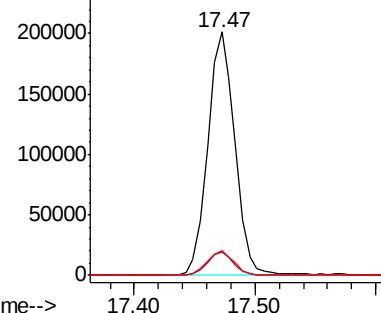


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037905.D
Acq: 9 Nov 2018 4:58

Tot Ion:188 Resp: 314827
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.1 7.7 11.5

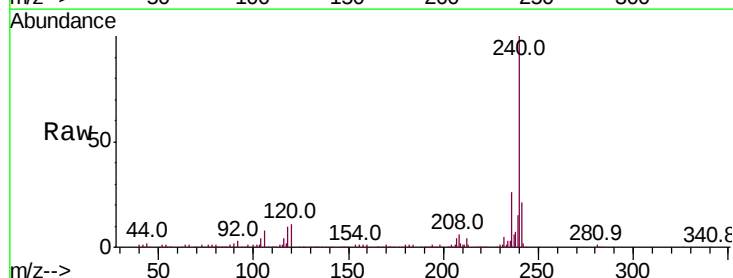


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

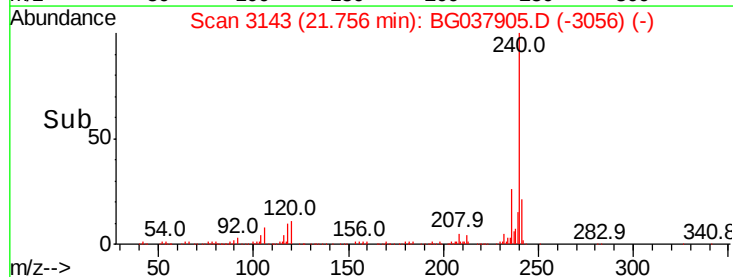
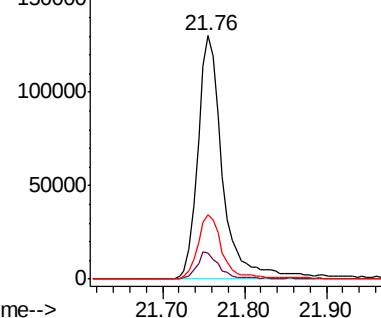


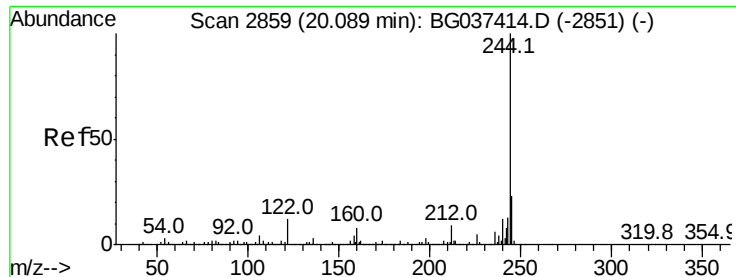
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037905.D
Acq: 9 Nov 2018 4:58

Tgt Ion:240 Resp: 275337
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.2 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: 89.483 ng

RT: 20.07 min Scan# 2856

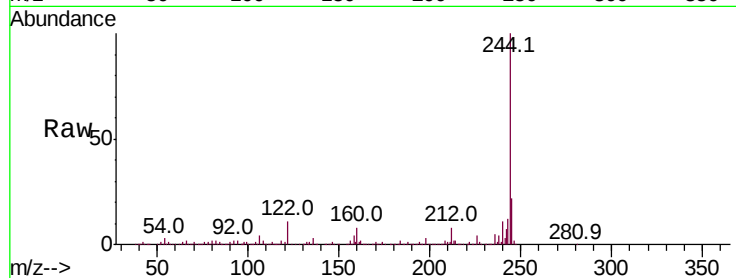
Delta R.T. -0.02 min

Lab File: BG037905.D

Acq: 9 Nov 2018 4:58

Tot Ion:244 Resp: 1153050

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.2	9.0	13.4

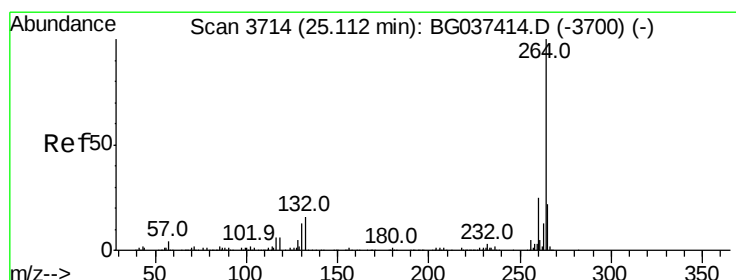
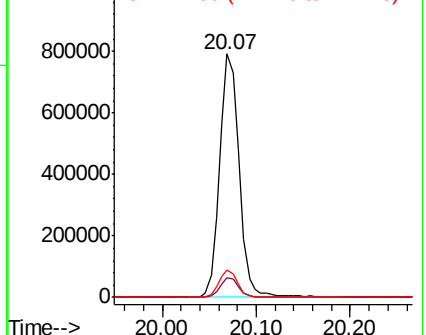
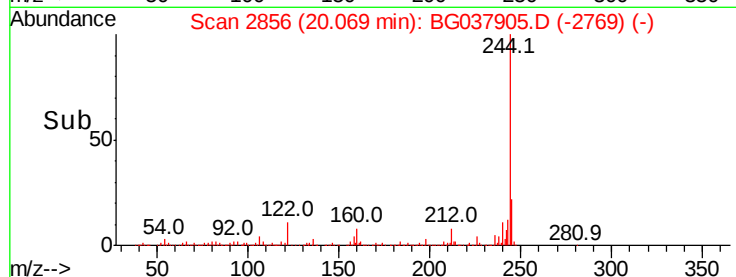


Abundance

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

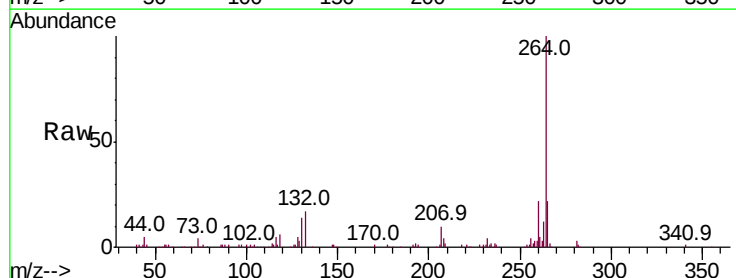
Delta R.T. -0.02 min

Lab File: BG037905.D

Acq: 9 Nov 2018 4:58

Tgt Ion:264 Resp: 223471

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	21.8	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

