

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037889.D
 Acq On : 8 Nov 2018 17:18
 Operator : JU/SJ
 Sample : J5832-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

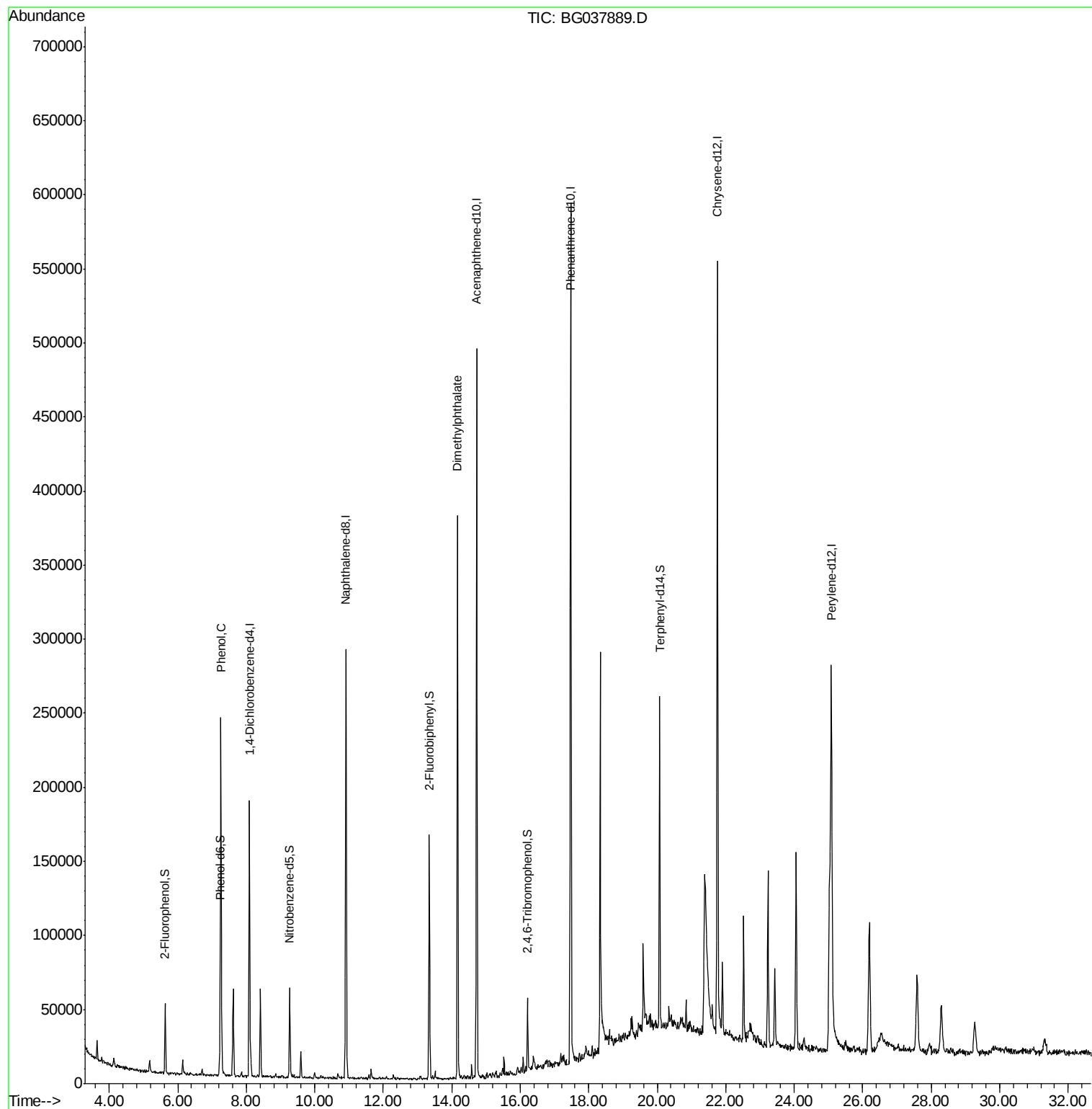
Quant Time: Nov 09 14:48:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57182	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	271997	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	181194	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	396465	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	352496	20.00	ng	-0.02
87) Perylene-d12	25.08	264	329245	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	21395	6.26	ng	-0.01
7) Phenol-d6	7.24	99	25627	4.96	ng	-0.01
23) Nitrobenzene-d5	9.27	82	38663	7.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	10693	5.41	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	88714	7.38	ng	-0.02
79) Terphenyl-d14	20.07	244	115725	7.02	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.26	94	156761	28.727	ng	95
50) Dimethylphthalate	14.17	163	282460	20.151	ng	99

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

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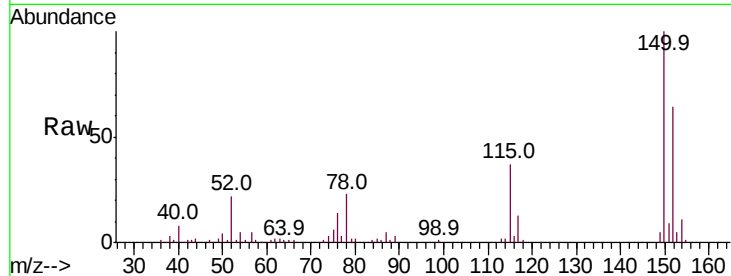




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037889.D
Acq: 8 Nov 2018 17:18

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.0	189.0
115	57.6	45.5	68.3

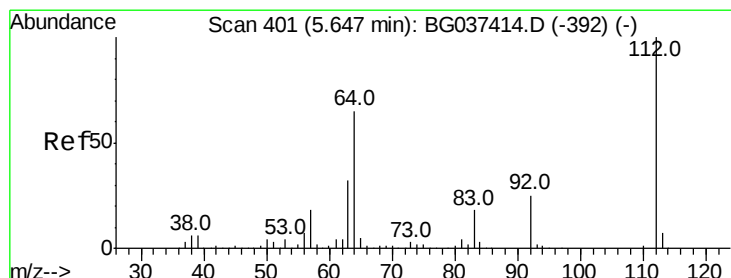
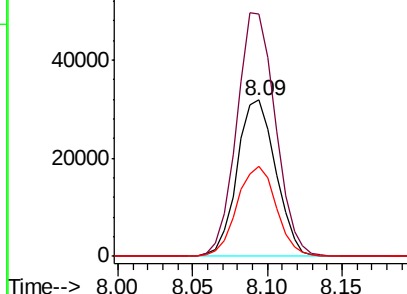
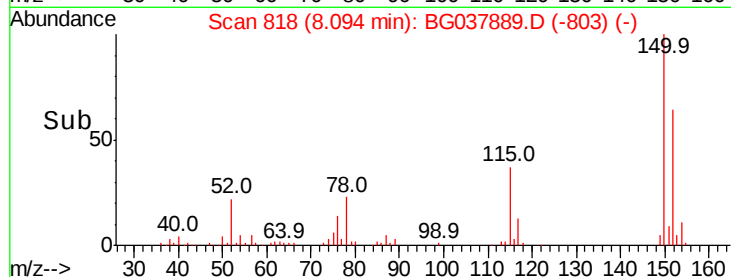


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

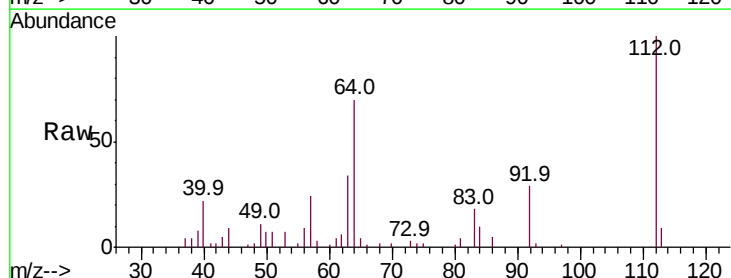
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.255 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037889.D
Acq: 8 Nov 2018 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	53.1	79.7
63	33.9	27.3	40.9

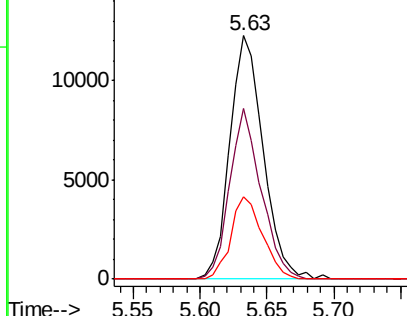
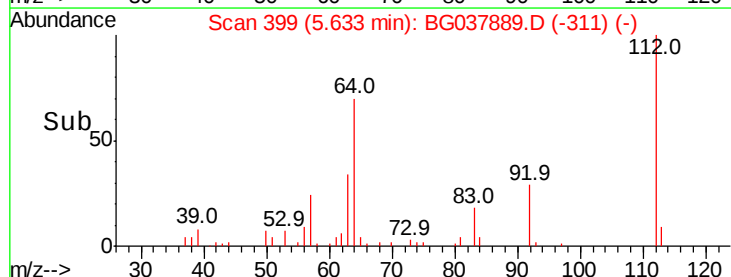


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 4.955 ng

RT: 7.24 min Scan# 672

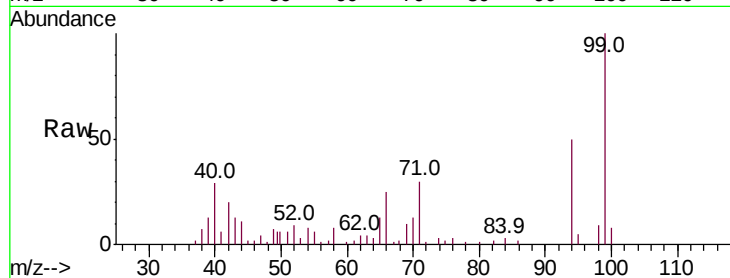
Delta R.T. -0.01 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

Tot Ion: 99 Resp: 25627

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.0	22.4
71	29.8	25.5	38.3

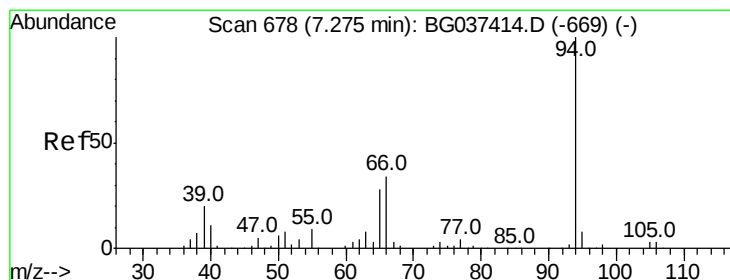
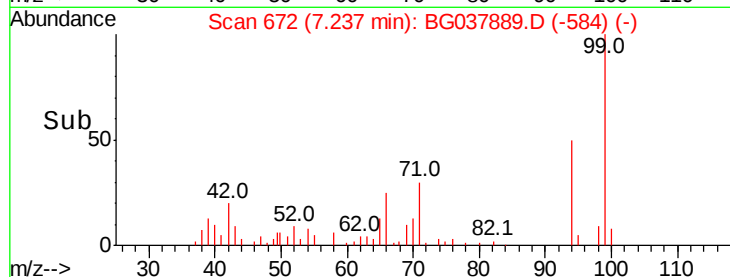
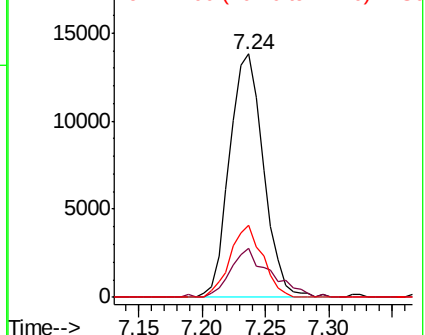


Abundance

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



#10

Phenol

Concen: 28.727 ng

RT: 7.26 min Scan# 676

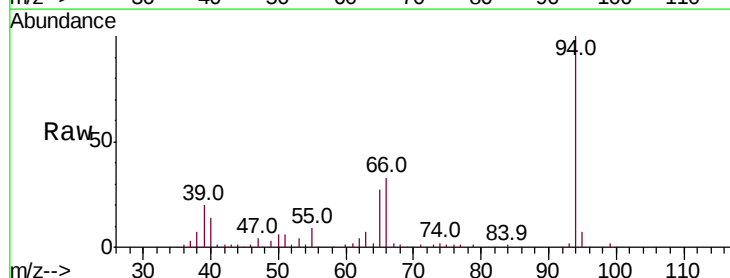
Delta R.T. -0.01 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

Tgt Ion: 94 Resp: 156761

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.7	49.7
66	33.4	15.9	55.9

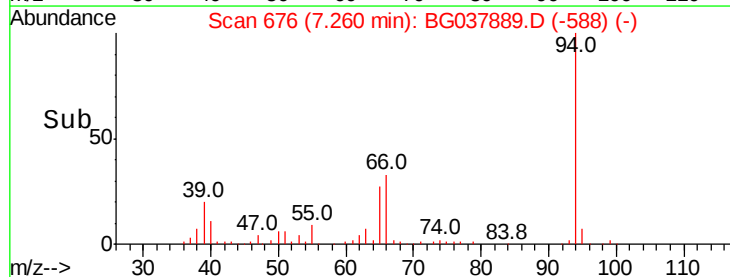
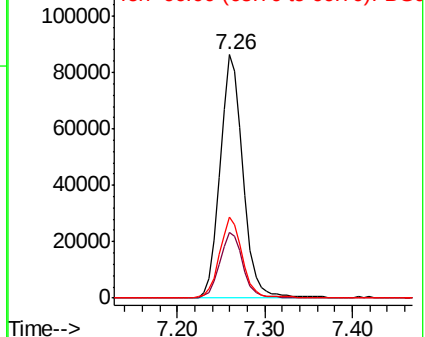


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

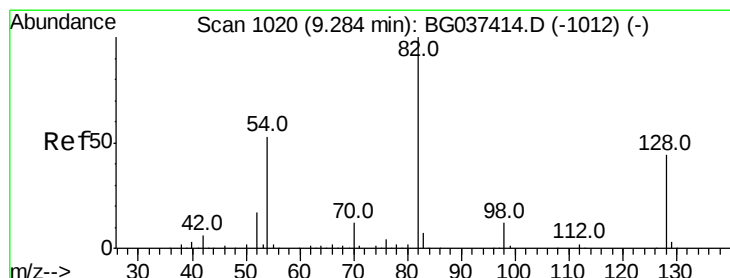
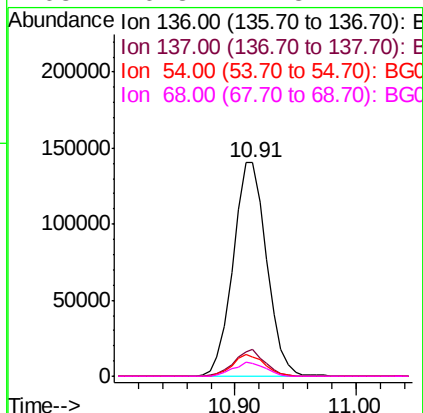
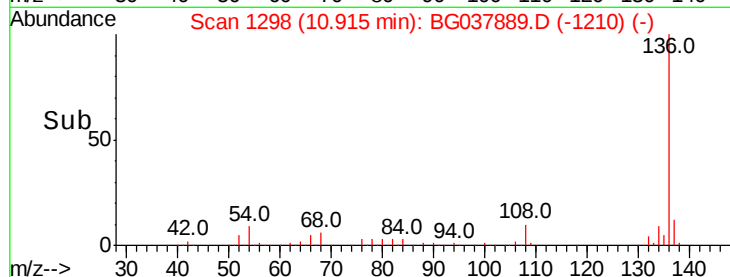
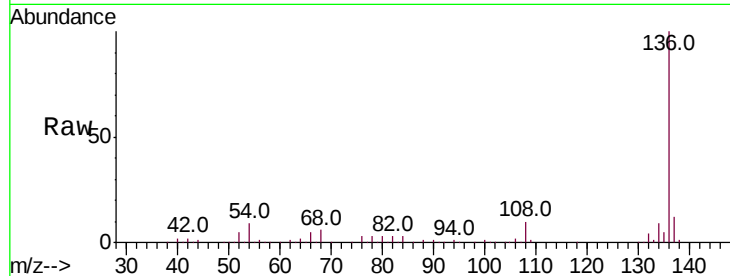
Ion 66.00 (65.70 to 66.70): BGC





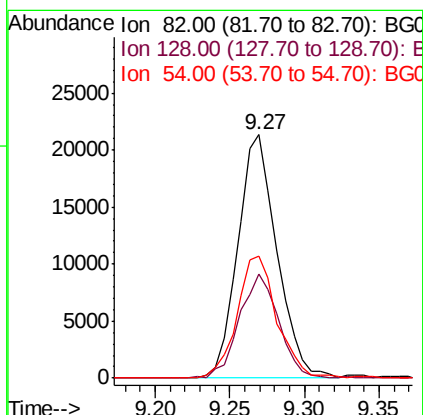
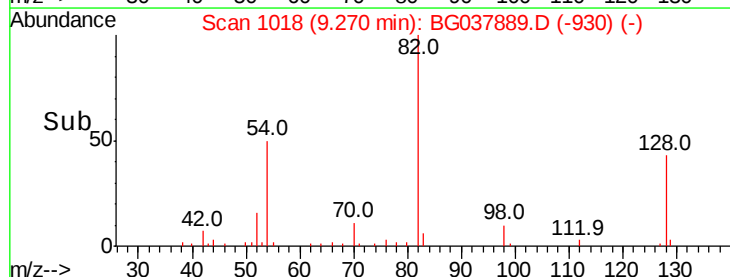
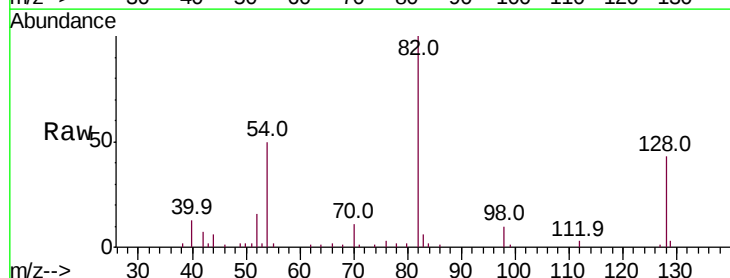
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037889.D
Acq: 8 Nov 2018 17:18

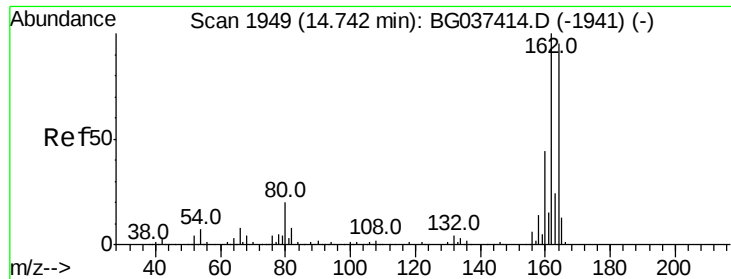
Tot Ion:136	Resp:	271997	
Ion Ratio	Lower	Upper	
136 100			
137 12.4	9.6	14.4	
54 9.3	7.9	11.9	
68 6.3	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 7.963 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037889.D
Acq: 8 Nov 2018 17:18

Tgt	Ion: 82	Resp:	38663
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	50.3	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

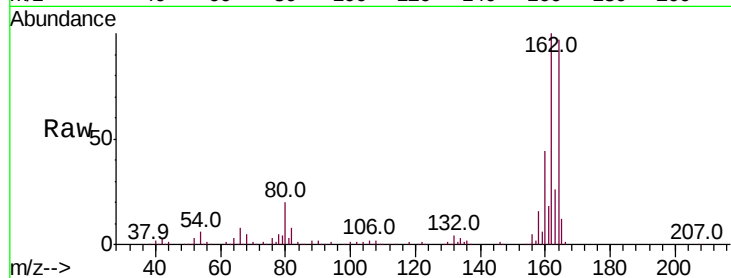
Tot Ion:164 Resp: 181194

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

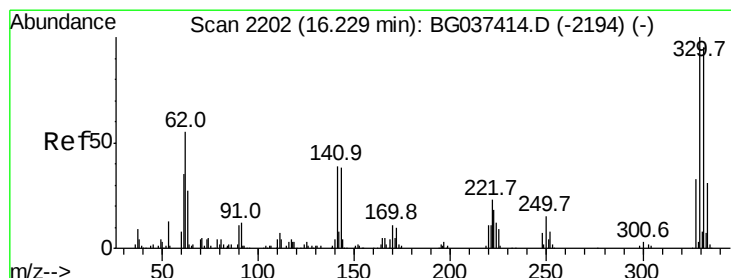
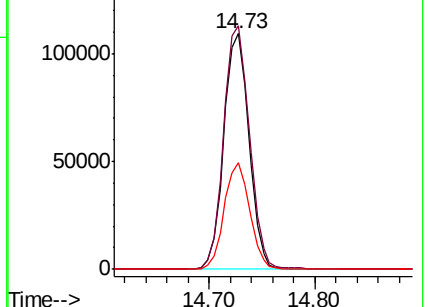
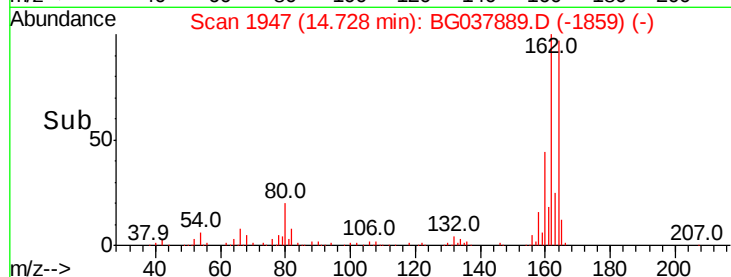
160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 5.411 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

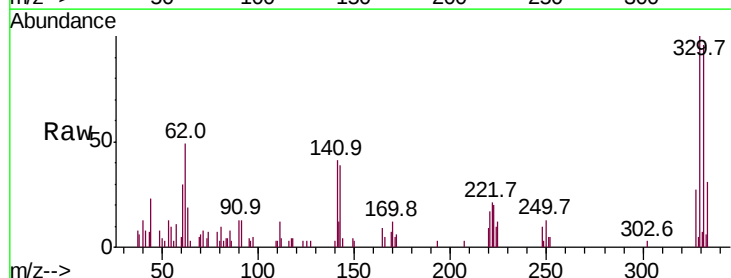
Tgt Ion:330 Resp: 10693

Ion Ratio Lower Upper

330 100

332 89.1 78.4 117.6

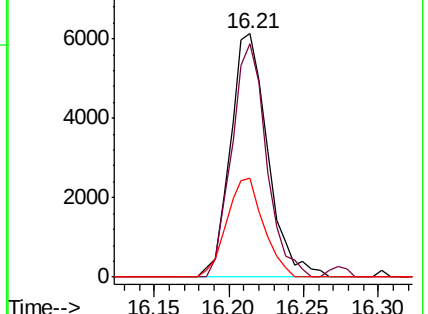
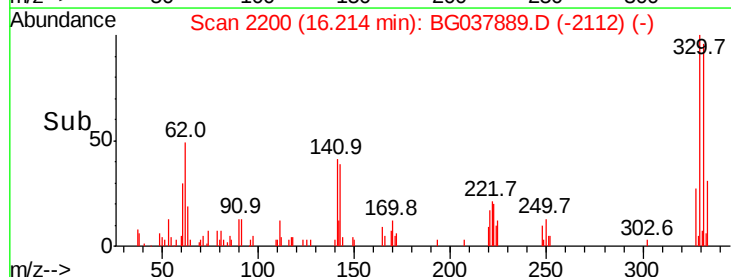
141 40.1 32.2 48.2

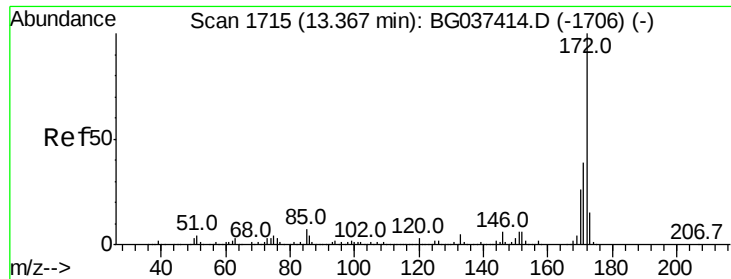


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

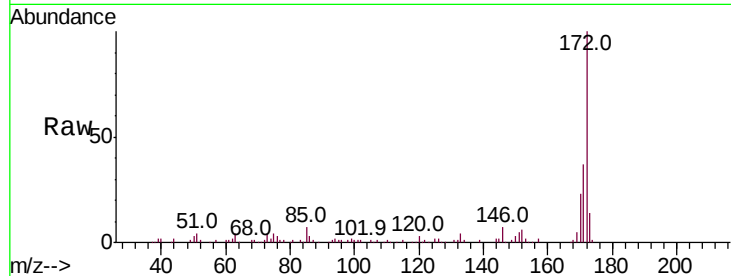
Ion 141.00 (140.70 to 141.70): E



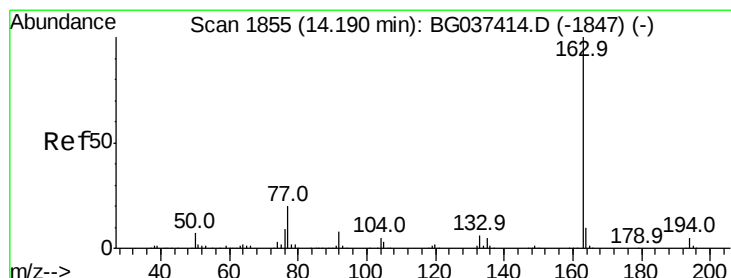
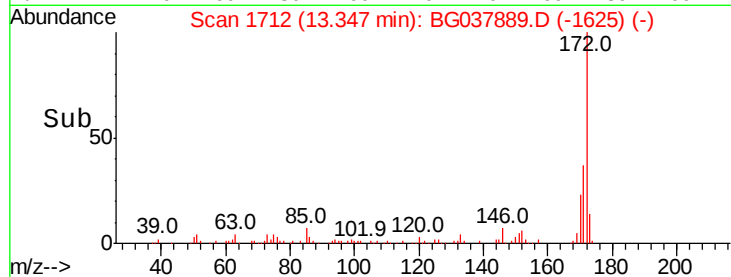
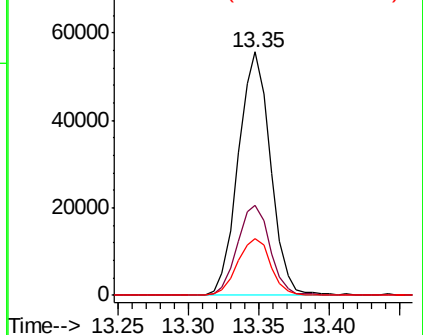


#45
2-Fluorobiphenyl
Concen: 7.383 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037889.D
Acq: 8 Nov 2018 17:18

Tot Ion:172 Resp: 88714
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 23.3 20.2 30.2

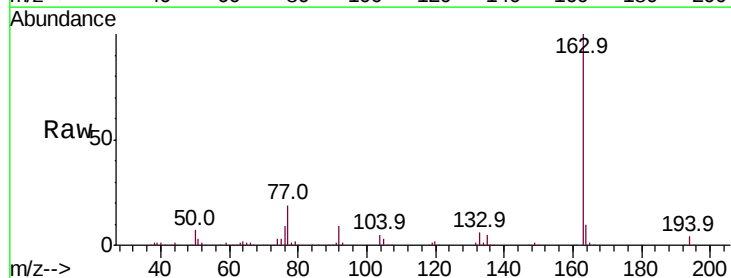


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

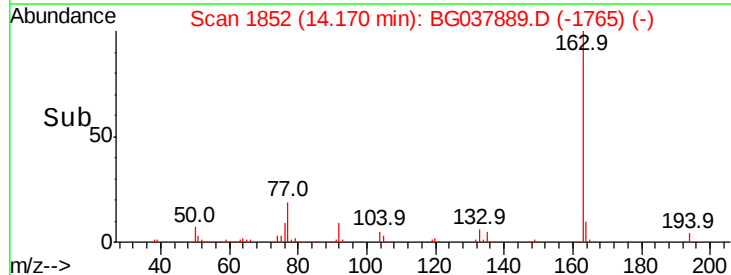
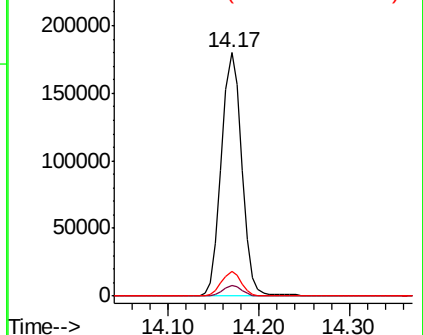


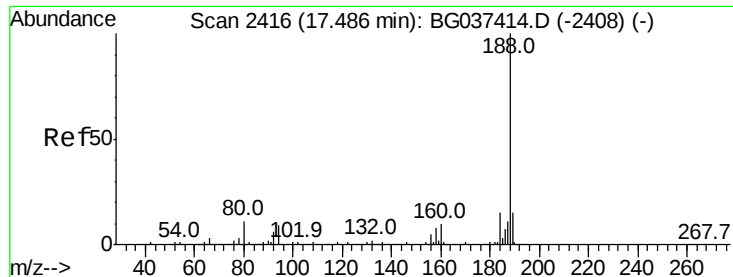
#50
Dimethylphthalate
Concen: 20.151 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037889.D
Acq: 8 Nov 2018 17:18

Tgt Ion:163 Resp: 282460
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.1 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

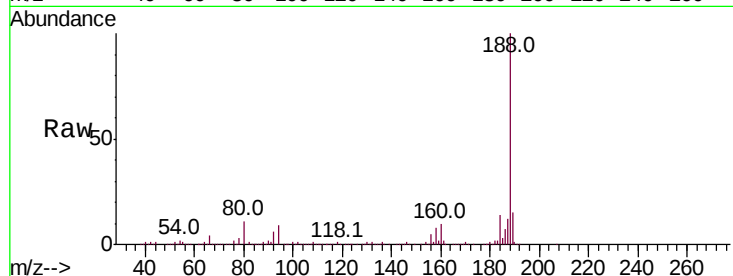
Tot Ion:188 Resp: 396465

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

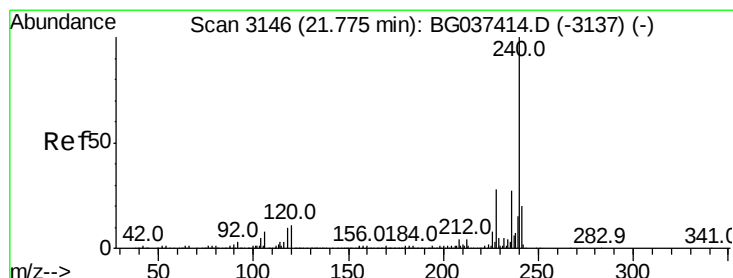
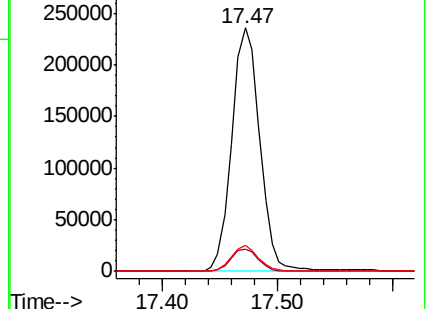
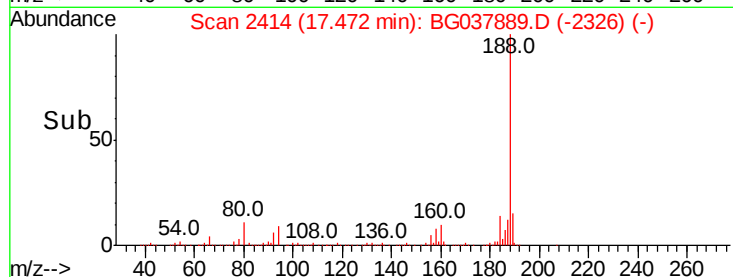
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

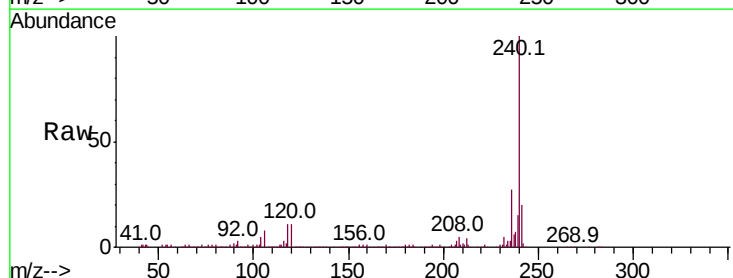
Tgt Ion:240 Resp: 352496

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

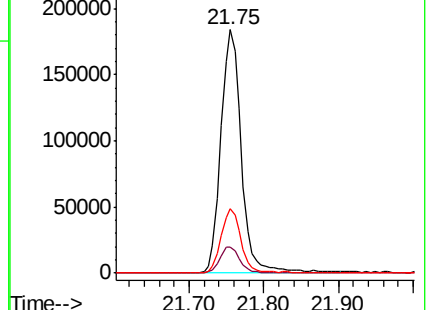
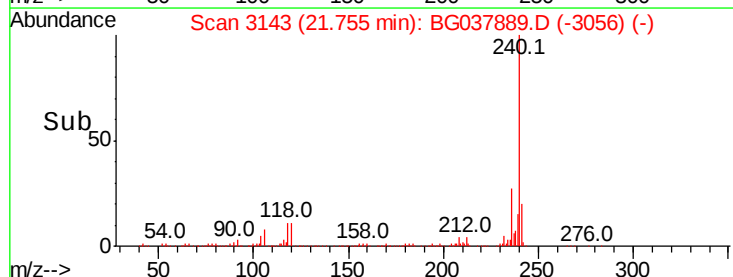
236 26.7 21.4 32.0

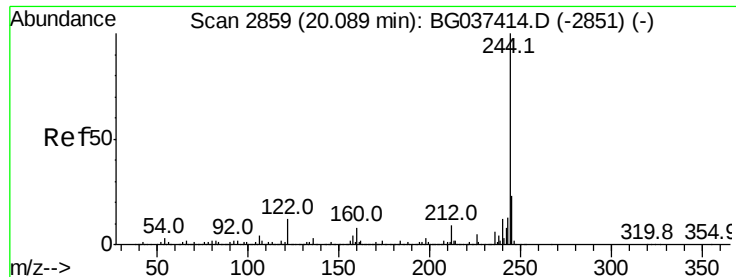


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.015 ng

RT: 20.07 min Scan# 2856

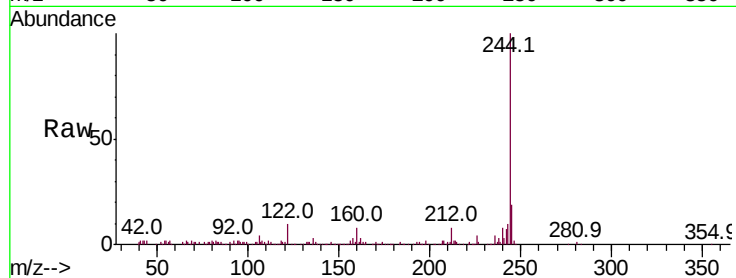
Delta R.T. -0.02 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

Tot Ion:244 Resp: 115725

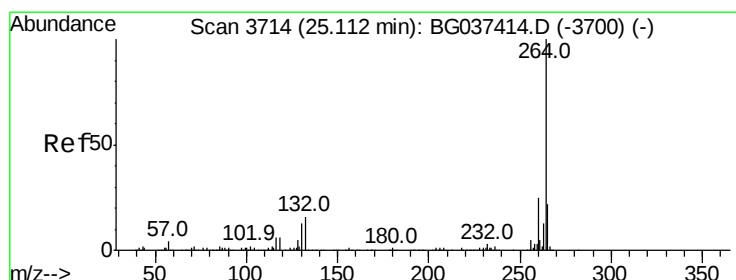
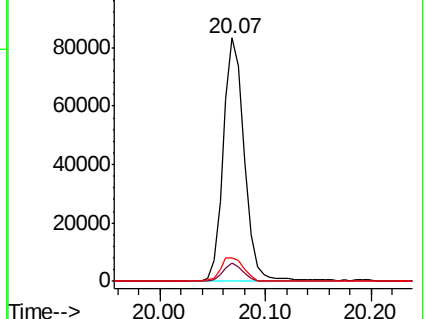
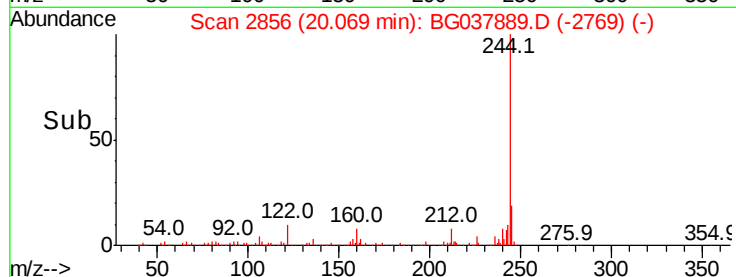
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.5	9.0	13.4



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: 25.08 min Scan# 3709

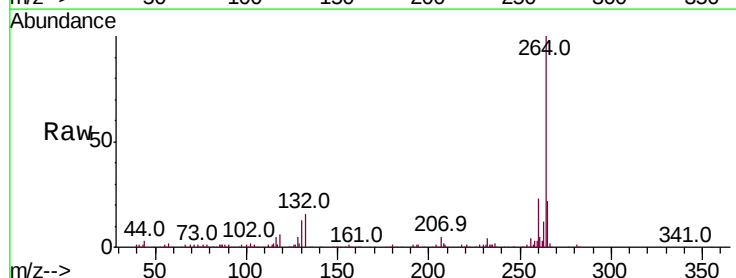
Delta R.T. -0.03 min

Lab File: BG037889.D

Acq: 8 Nov 2018 17:18

Tgt Ion:264 Resp: 329245

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.6	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

