

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037899.D
 Acq On : 8 Nov 2018 23:47
 Operator : JU/SJ
 Sample : PB114622BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 09 15:19:56 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

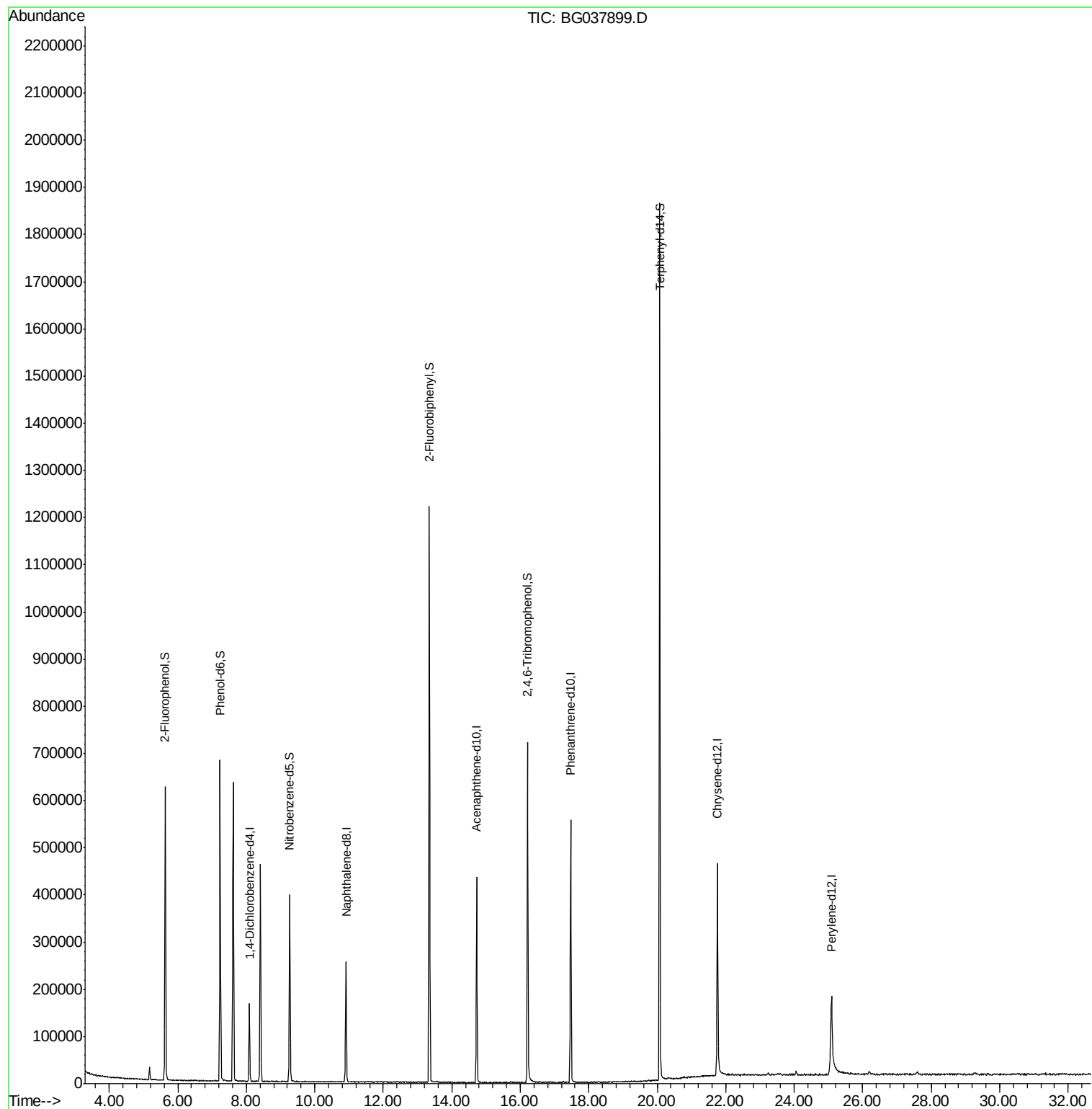
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51172	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	236914	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	158247	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	357300	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	324011	20.00	ng	-0.02
87) Perylene-d12	25.09	264	273049	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	297773	97.29	ng	-0.01
7) Phenol-d6	7.24	99	437017	94.42	ng	-0.01
23) Nitrobenzene-d5	9.27	82	258409	61.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	145602	84.36	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	669970	63.84	ng	-0.02
79) Terphenyl-d14	20.07	244	977260	64.45	ng	-0.01

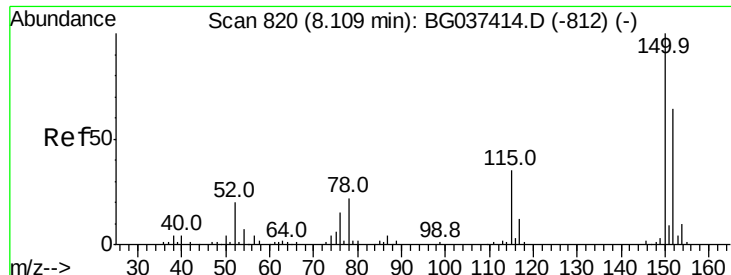
Target Compounds Qvalue

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

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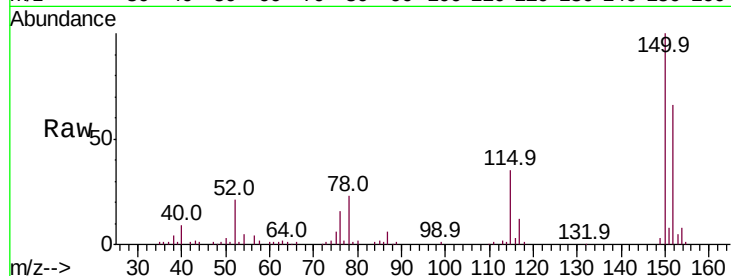




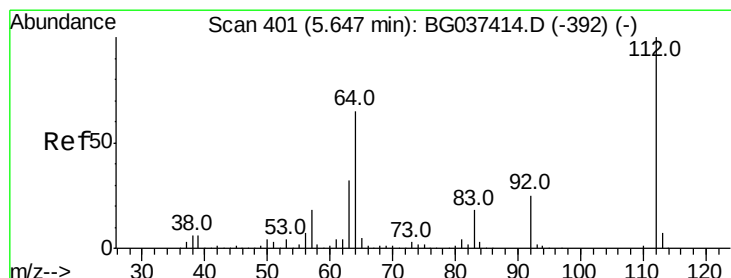
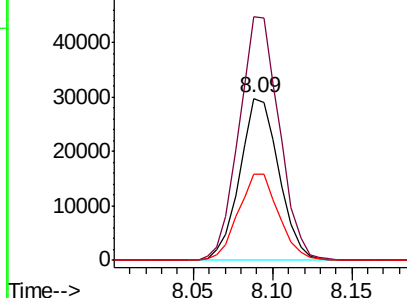
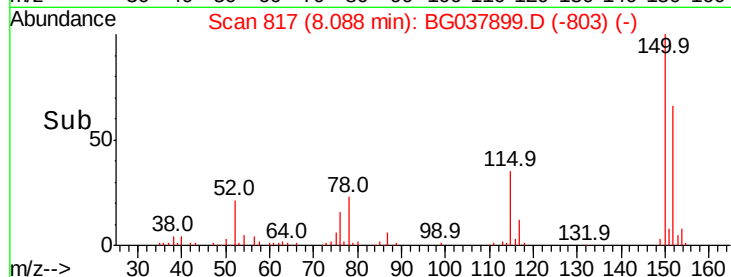
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.0	189.0
115	53.0	45.5	68.3



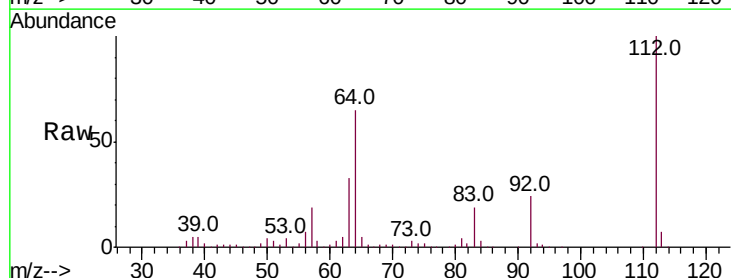
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



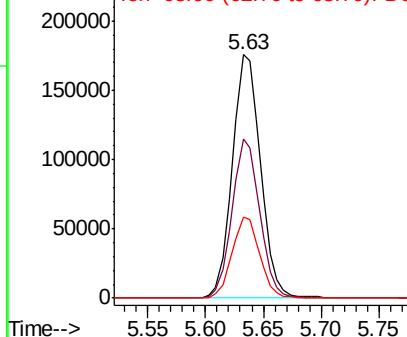
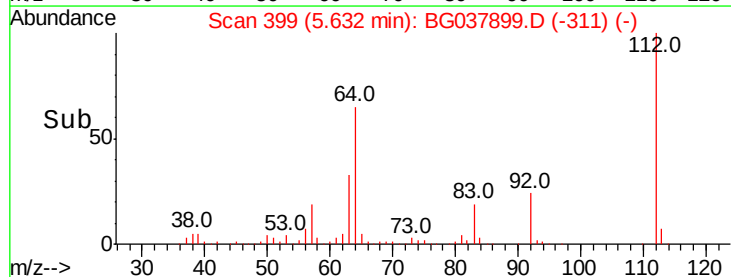
#5

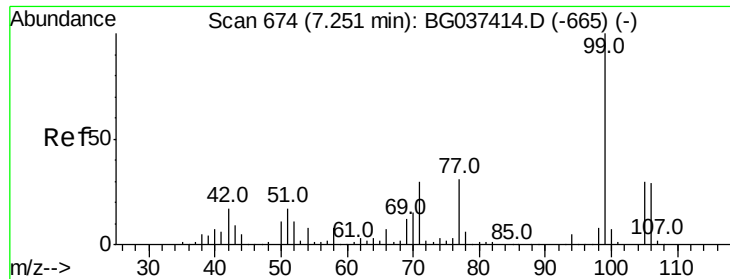
2-Fluorophenol
Concen: 97.286 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037899.D
Acq: 8 Nov 2018 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.2	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: 94.423 ng

RT: 7.24 min Scan# 672

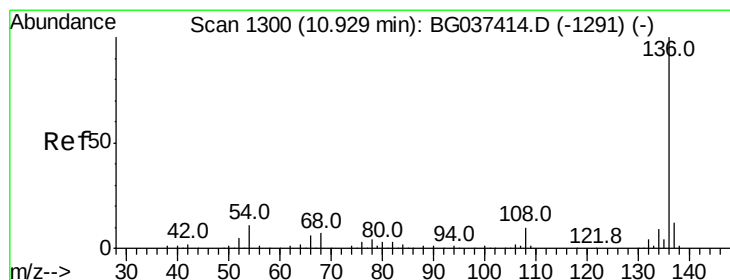
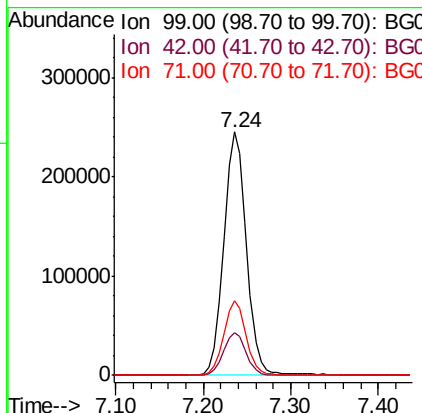
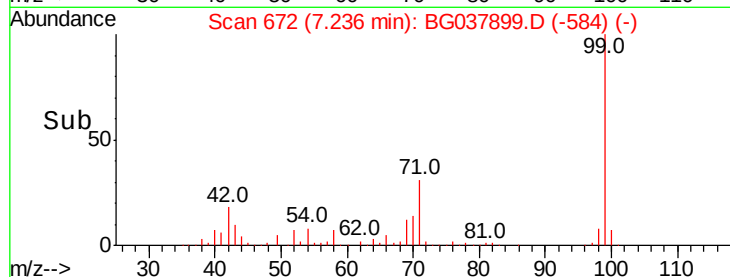
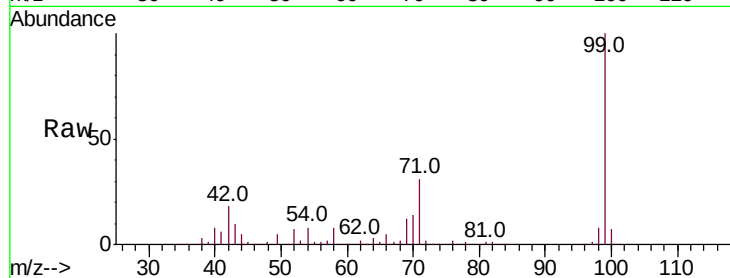
Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tot Ion: 99 Resp: 437017

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	30.5	25.5	38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

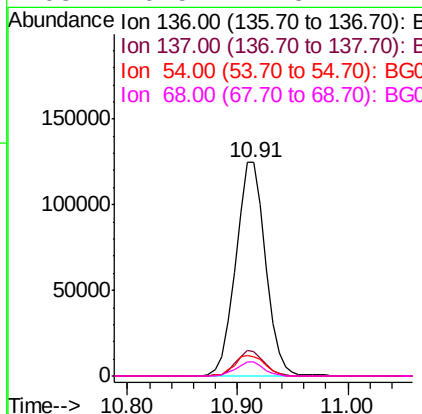
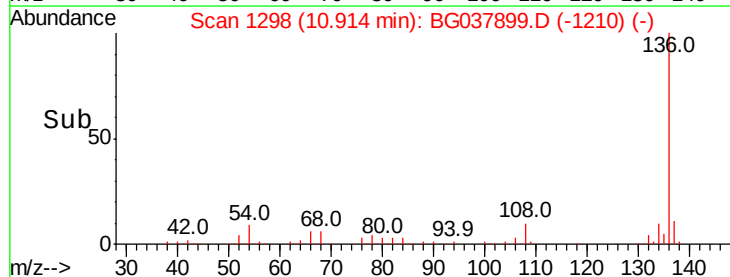
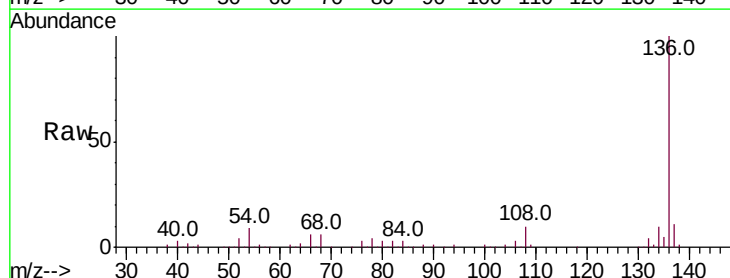
Delta R.T. -0.01 min

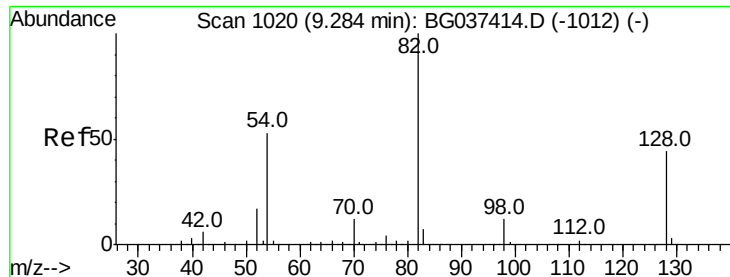
Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tgt Ion: 136 Resp: 236914

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	8.7	7.9	11.9
68	6.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 61.102 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

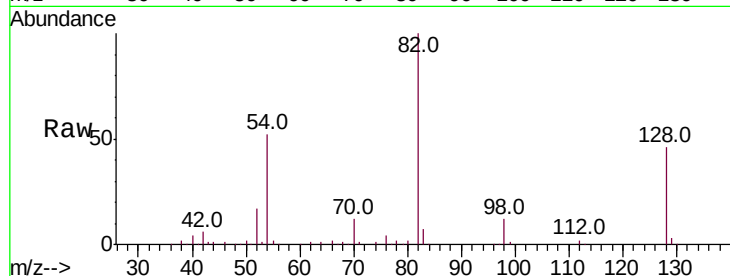
Tot Ion: 82 Resp: 258409

Ion Ratio Lower Upper

82 100

128 46.5 34.6 51.8

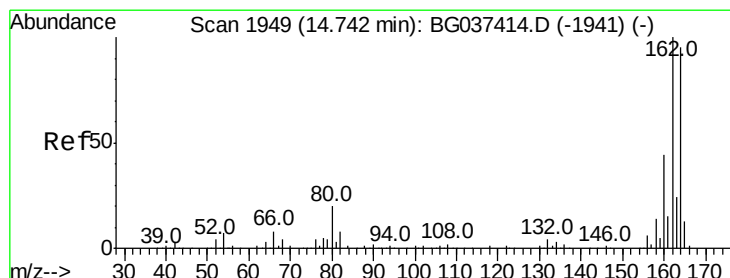
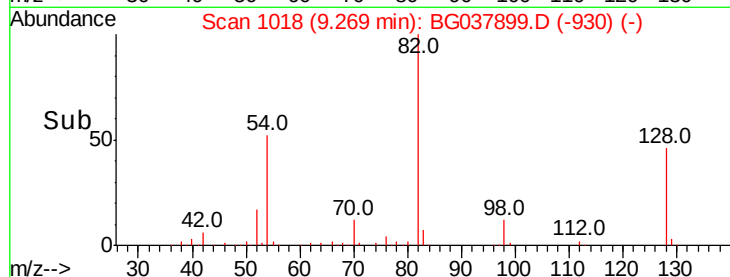
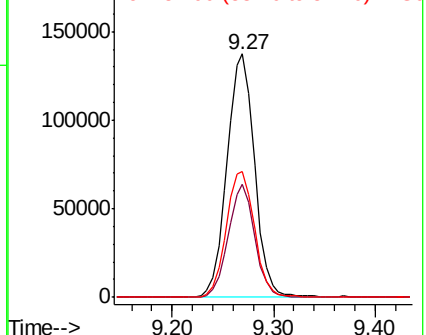
54 52.0 45.3 67.9



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. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

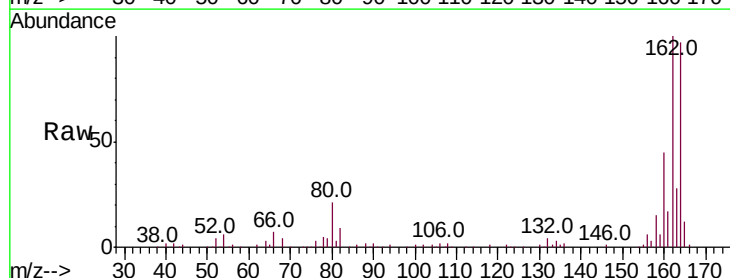
Tgt Ion: 164 Resp: 158247

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

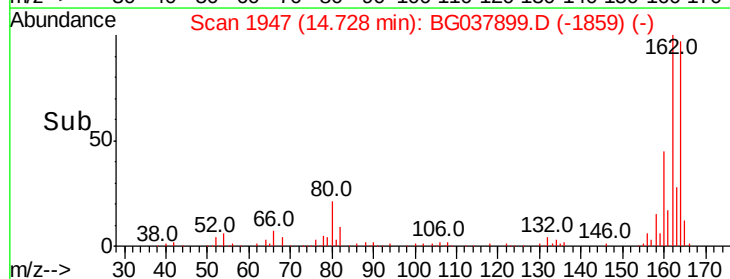
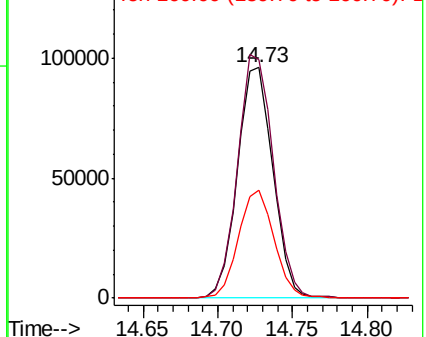
160 47.0 36.3 54.5

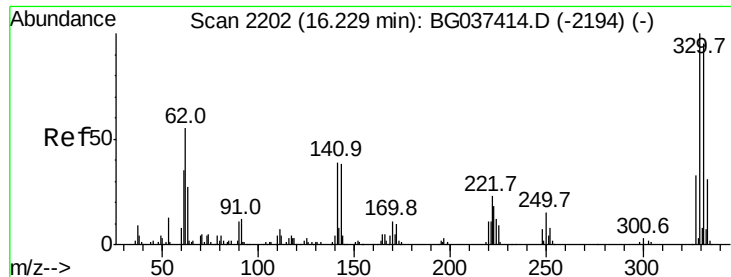


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

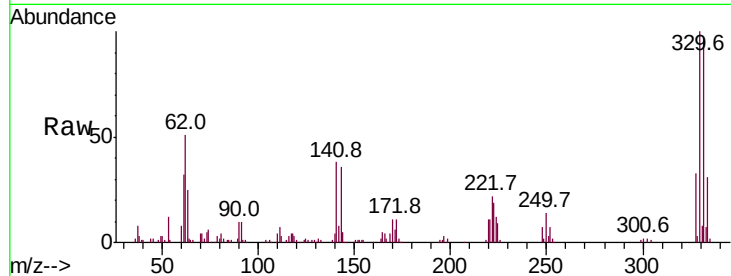
Ion 160.00 (159.70 to 160.70): BGC



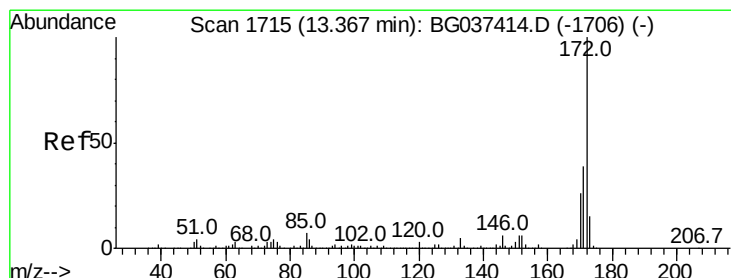
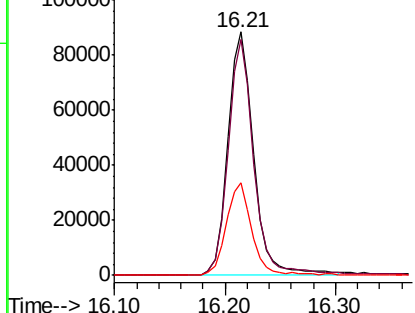
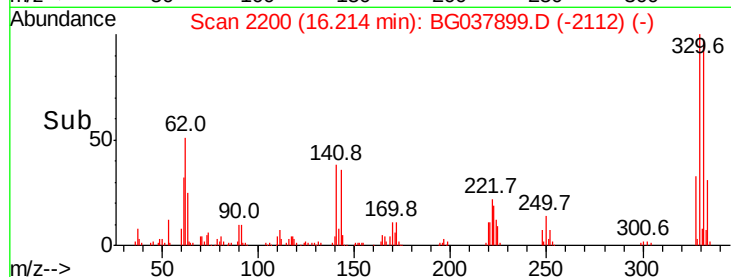


#42
 2,4,6-Tribromophenol
 Concen: 84.359 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	38.0	32.2	48.2

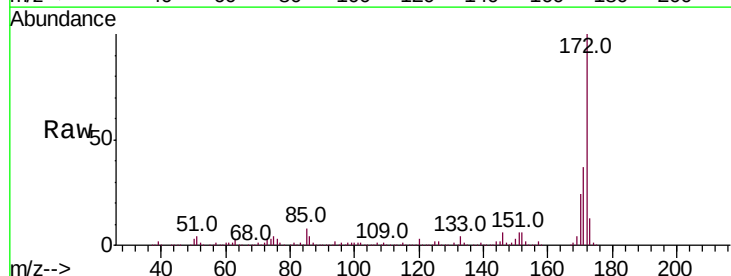


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

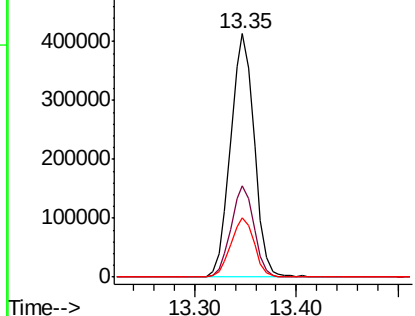
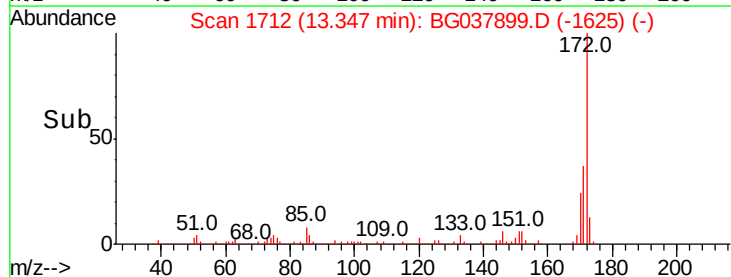


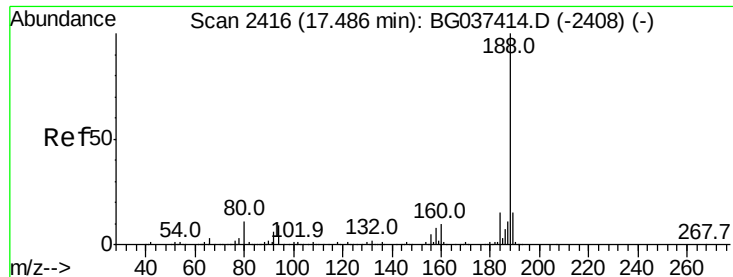
#45
 2-Fluorobiphenyl
 Concen: 63.842 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037899.D
 Acq: 8 Nov 2018 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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

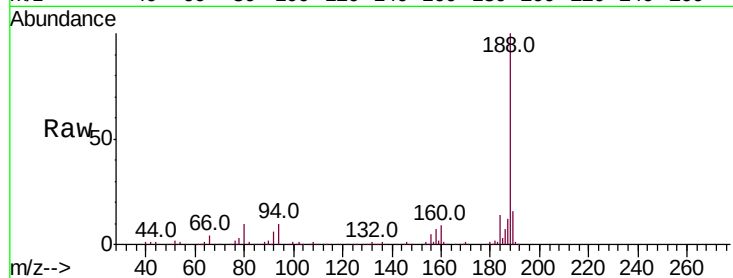
Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tot Ion:188 Resp: 357300

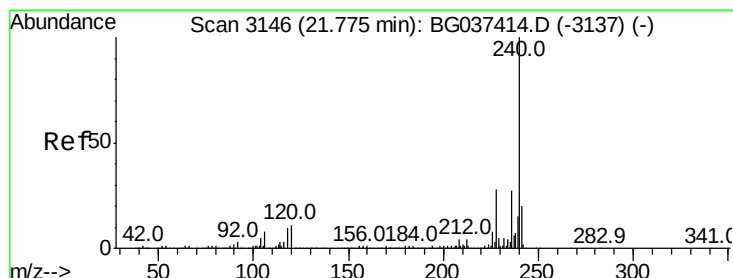
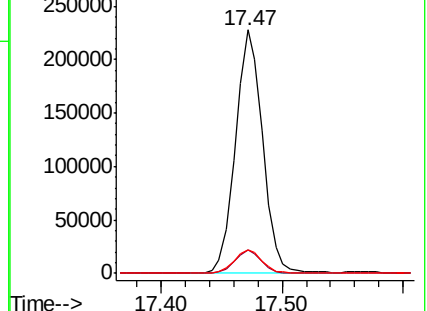
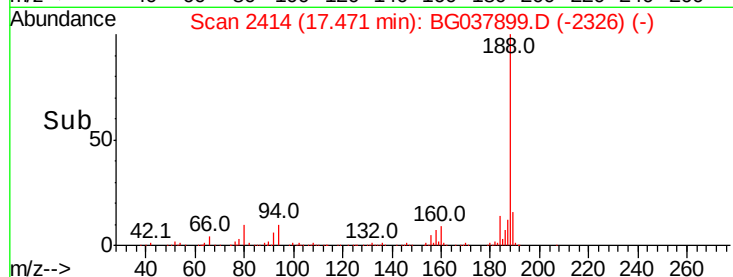
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.9	7.7	11.5



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

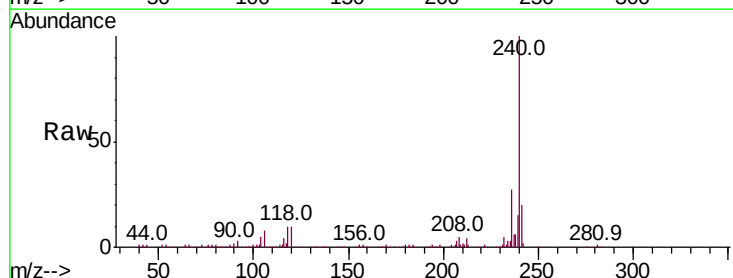
Delta R.T. -0.02 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tgt Ion:240 Resp: 324011

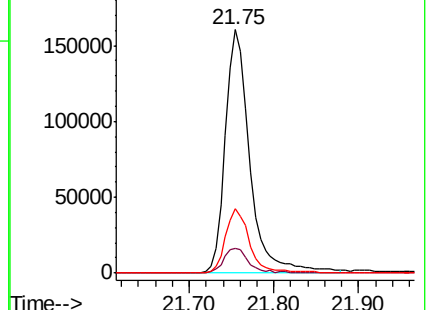
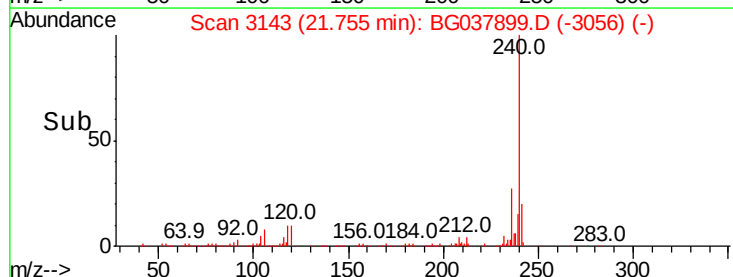
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	26.7	21.4	32.0

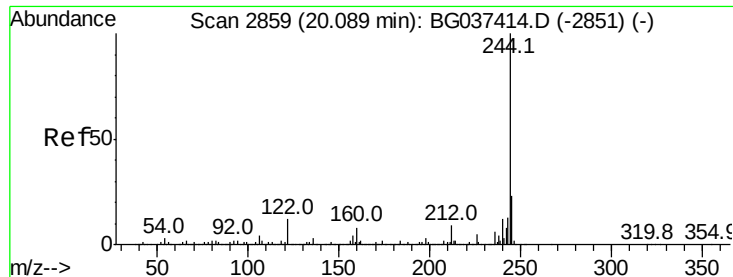


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.448 ng

RT: 20.07 min Scan# 2857

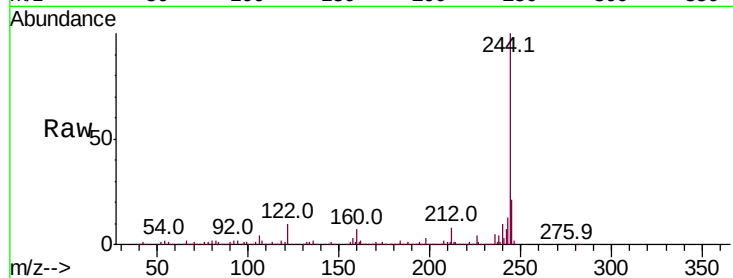
Delta R.T. -0.01 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tot Ion:244 Resp: 977260

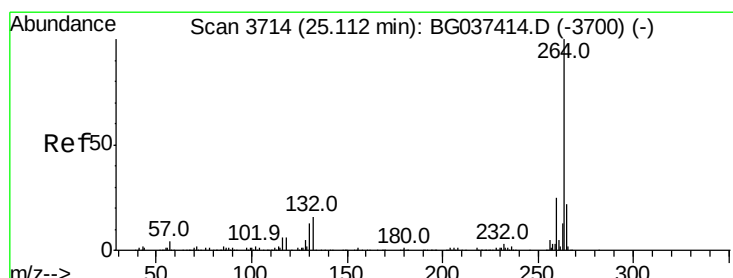
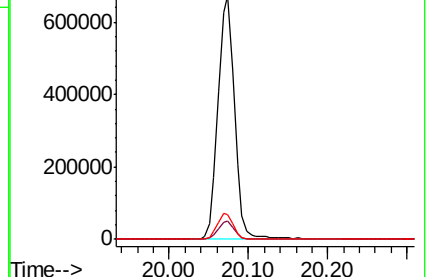
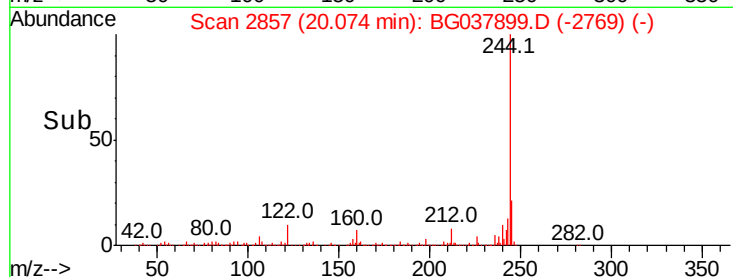
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.1	9.0	13.4



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

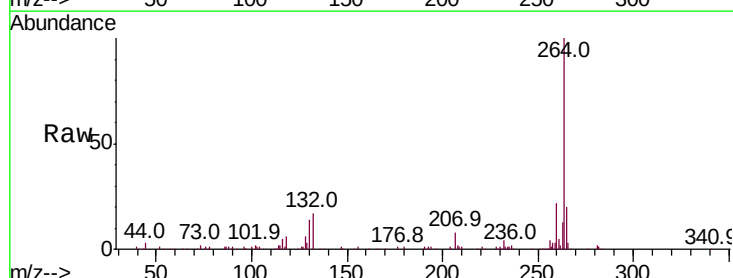
Delta R.T. -0.03 min

Lab File: BG037899.D

Acq: 8 Nov 2018 23:47

Tgt Ion:264 Resp: 273049

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.5	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

