

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037916.D
 Acq On : 9 Nov 2018 12:06
 Operator : JU/SJ
 Sample : J5851-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

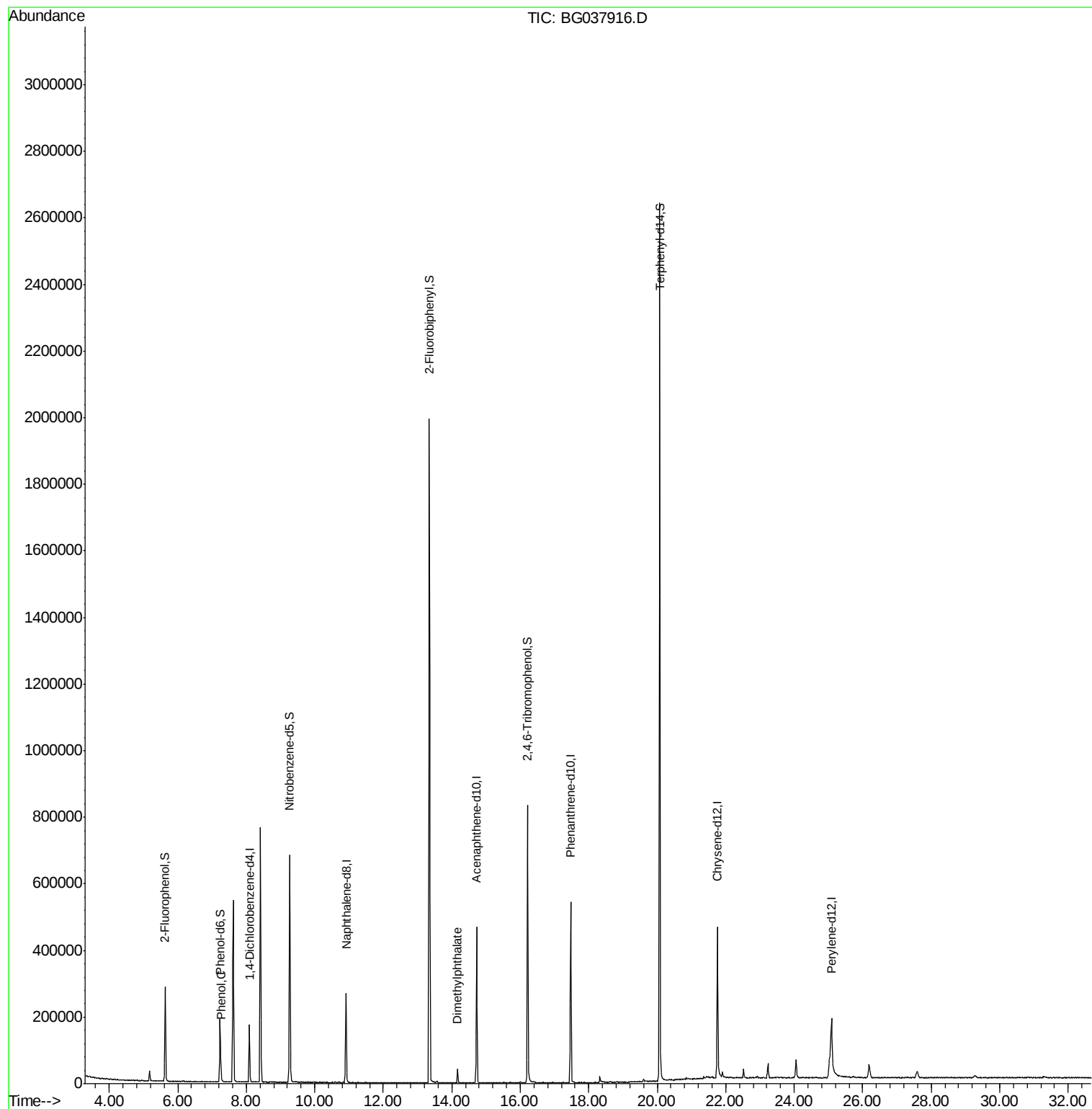
Quant Time: Nov 09 15:45:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53899	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	246653	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	165452	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	356424	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	314438	20.00	ng	-0.02
87) Perylene-d12	25.09	264	264959	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	136016	42.19	ng	-0.02
7) Phenol-d6	7.24	99	120655	24.75	ng	-0.02
23) Nitrobenzene-d5	9.27	82	435881	99.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	158112	87.62	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1089699	99.32	ng	-0.02
79) Terphenyl-d14	20.07	244	1319832	89.69	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	18946	3.683	ng	93
50) Dimethylphthalate	14.17	163	31132	2.432	ng	96

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

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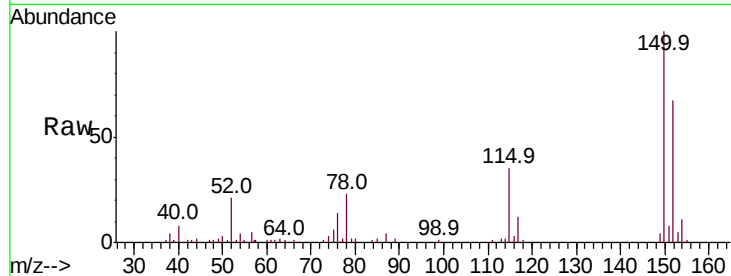




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.0	189.0
115	52.5	45.5	68.3

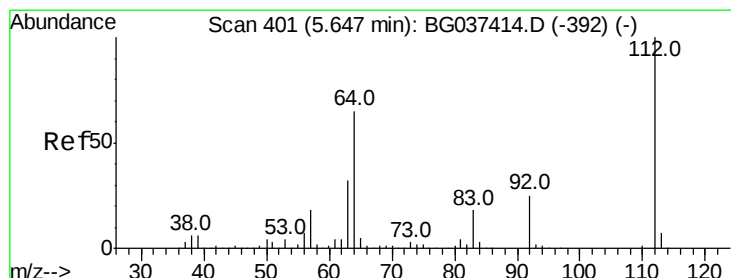
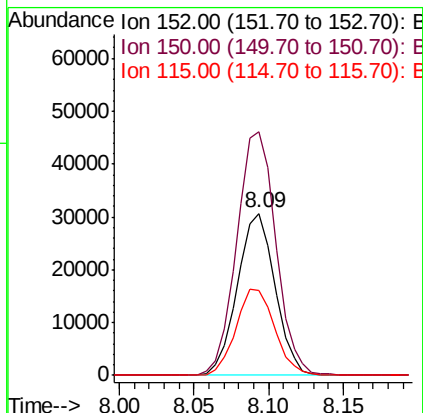
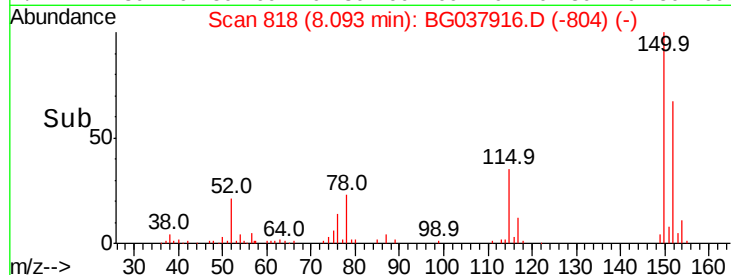


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

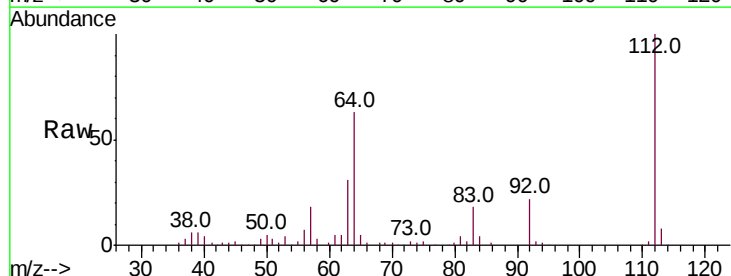
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.190 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	53.1	79.7
63	31.2	27.3	40.9

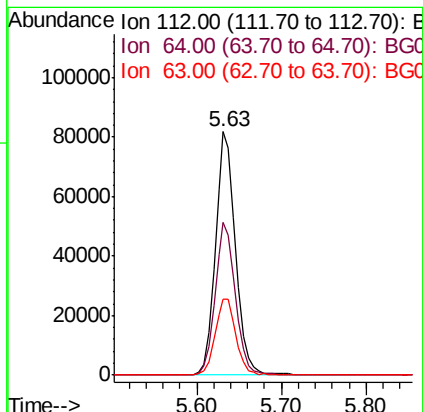
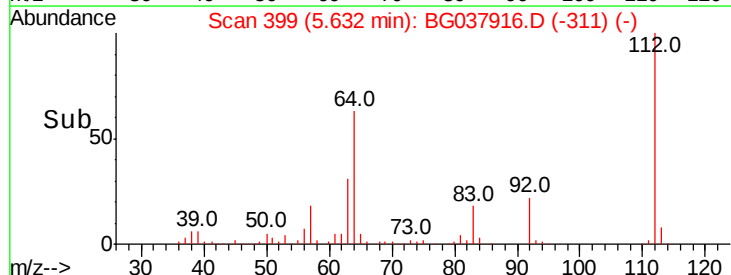


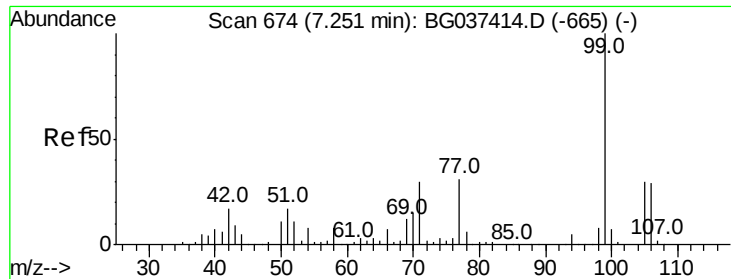
Abundance

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: 24.750 ng

RT: 7.24 min Scan# 672

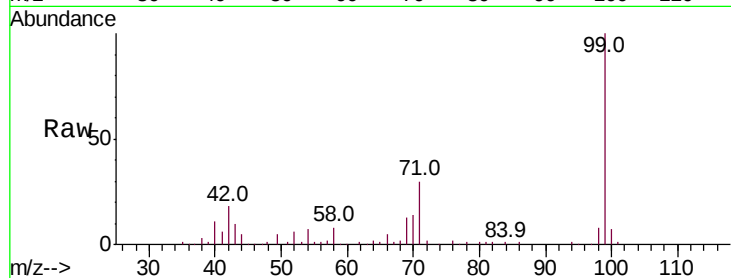
Delta R.T. -0.02 min

Lab File: BG037916.D

Acq: 9 Nov 2018 12:06

Tot Ion: 99 Resp: 120655

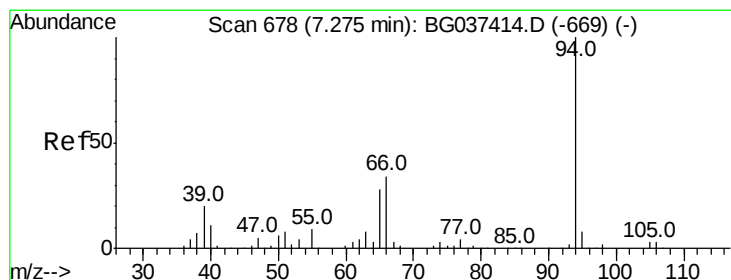
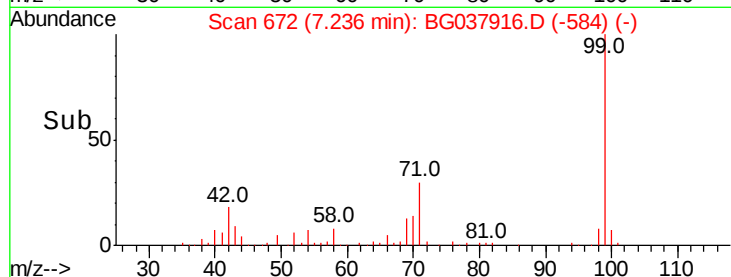
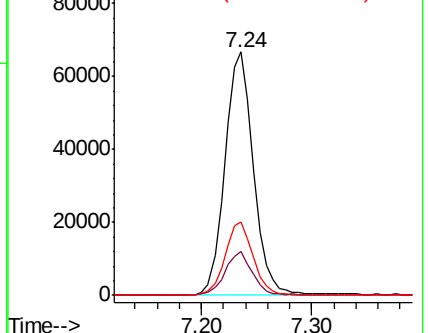
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	30.2	25.5	38.3



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: 3.683 ng

RT: 7.27 min Scan# 677

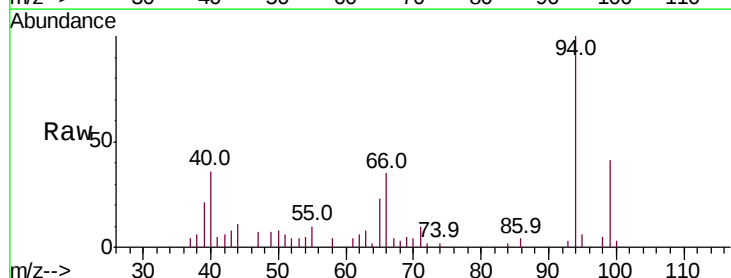
Delta R.T. -0.01 min

Lab File: BG037916.D

Acq: 9 Nov 2018 12:06

Tgt Ion: 94 Resp: 18946

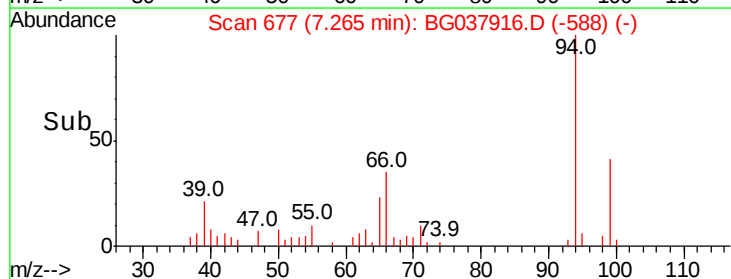
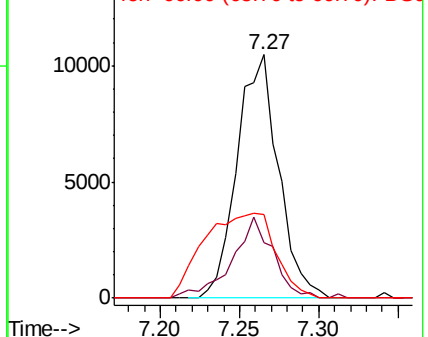
Ion	Ratio	Lower	Upper
94	100		
65	22.9	9.7	49.7
66	34.5	15.9	55.9

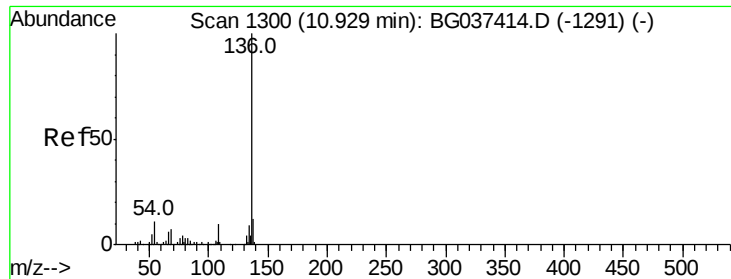


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

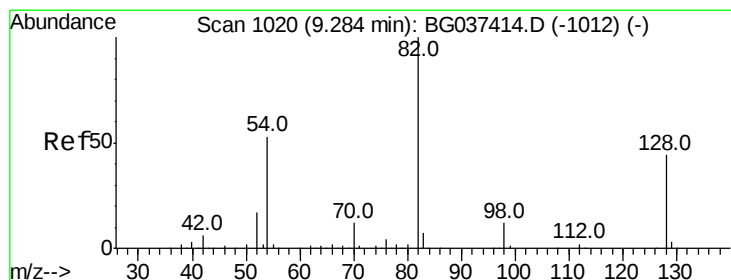
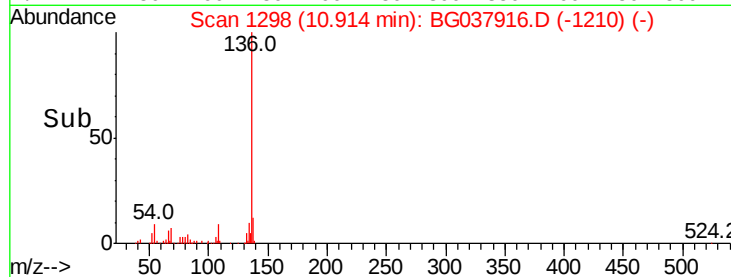
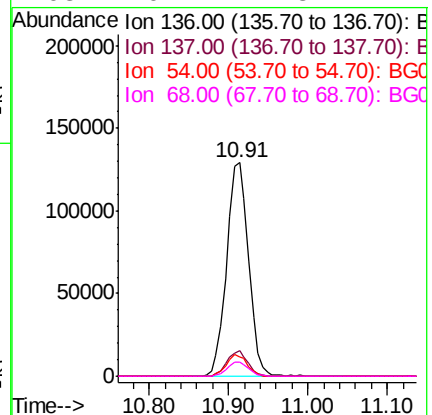
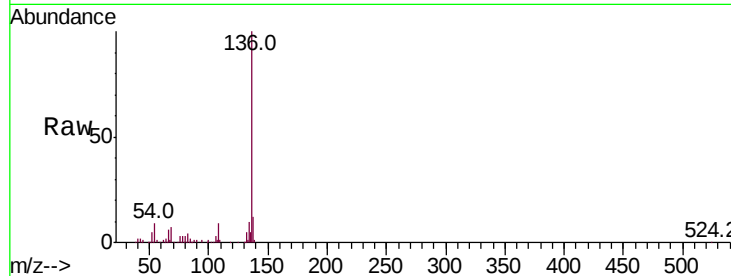
Ion 66.00 (65.70 to 66.70): BGC





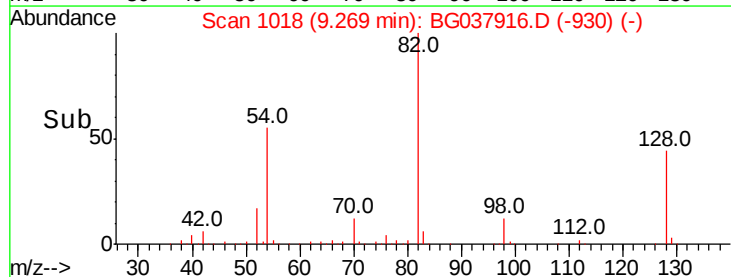
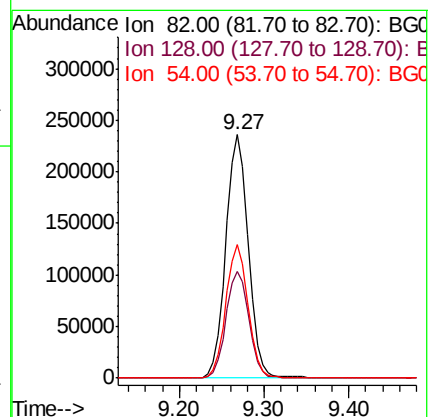
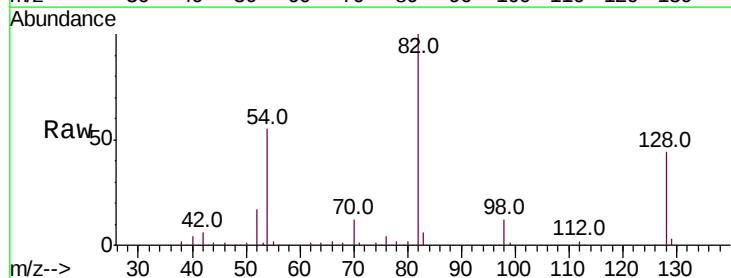
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

Tot Ion:136	Resp:	246653
Ion Ratio	Lower	Upper
136 100		
137 12.3	9.6	14.4
54 9.2	7.9	11.9
68 6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 98.996 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

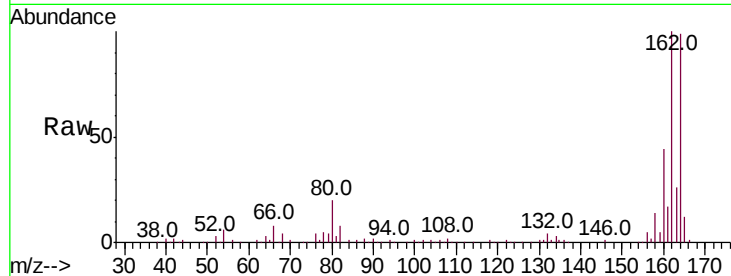
Tgt Ion: 82	Resp: 435881
Ion Ratio	Lower Upper
82 100	
128 44.0	34.6 51.8
54 54.8	45.3 67.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	44.9	36.3	54.5

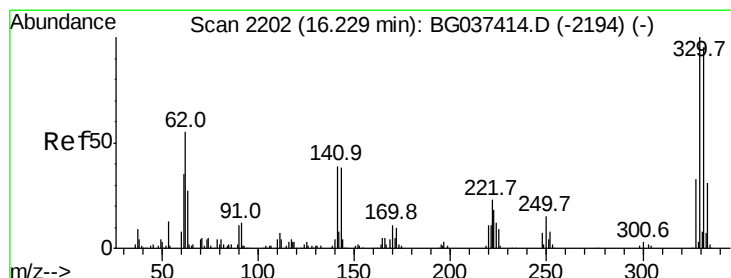
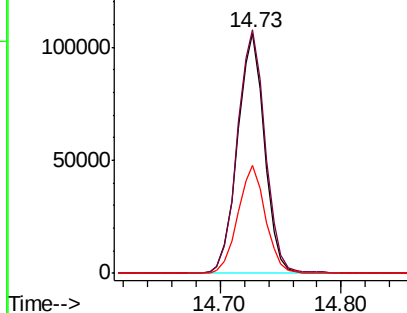
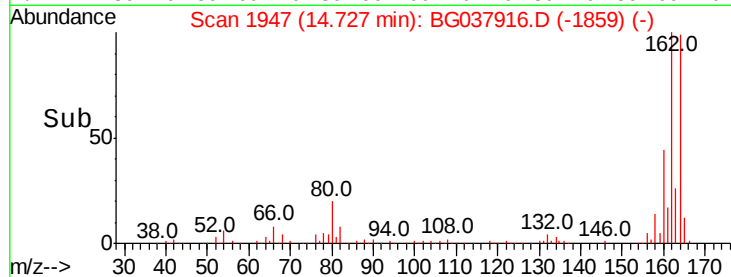


Abundance

Ion 164.00 (163.70 to 164.70): E

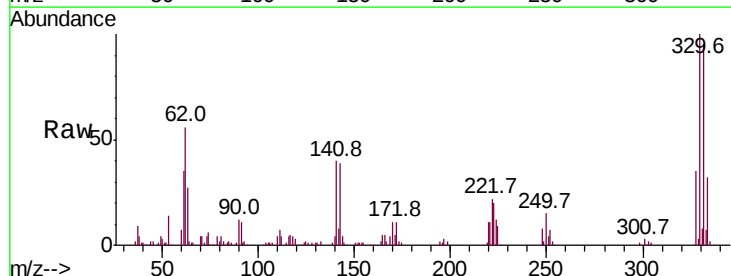
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 87.618 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.4	117.6
141	38.6	32.2	48.2

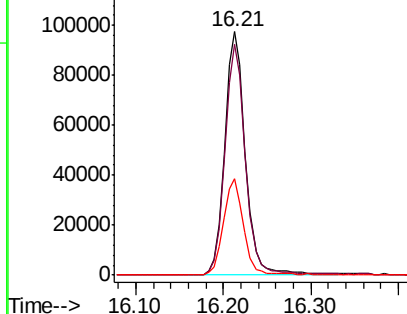
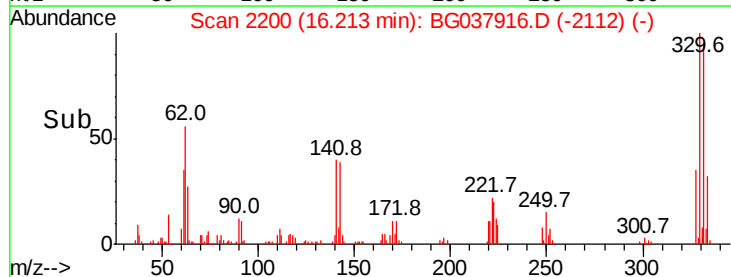


Abundance

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

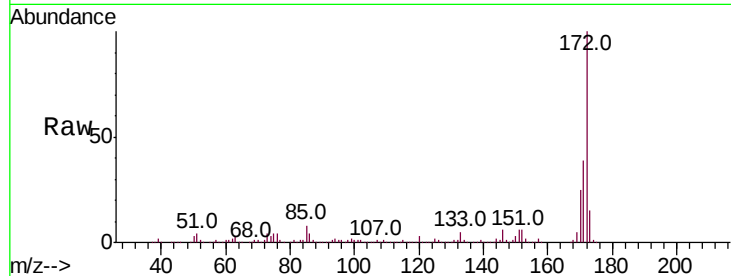




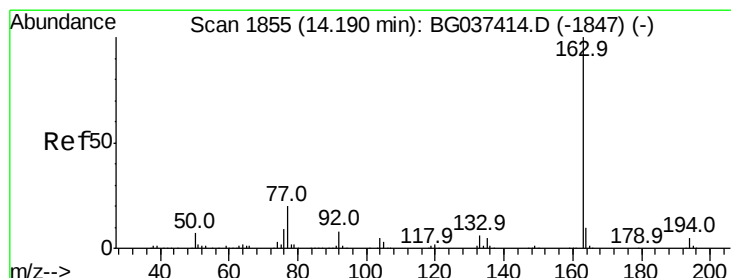
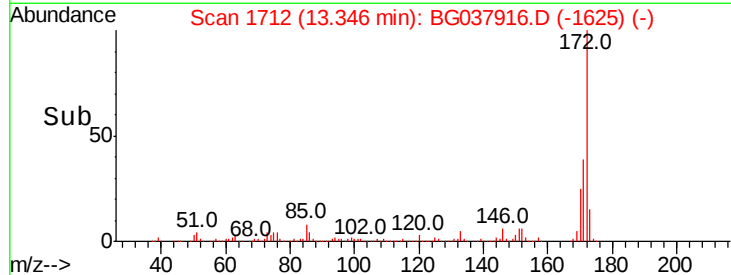
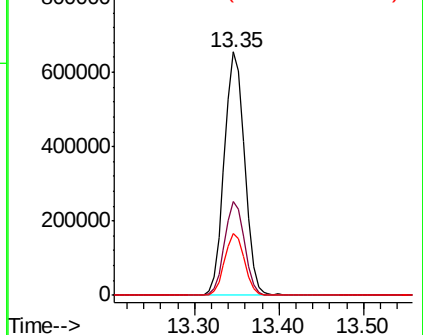
#45
2-Fluorobiphenyl
Concen: 99.316 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

Tot Ion:172 Resp: 1089699

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.2	20.2	30.2



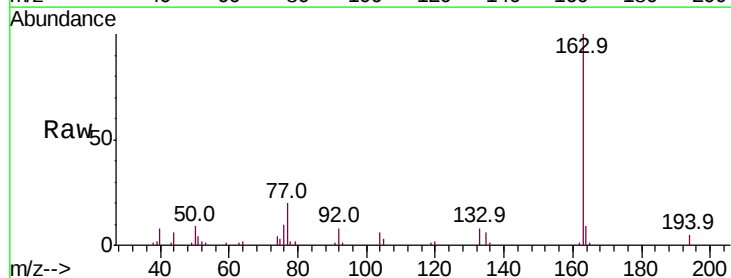
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



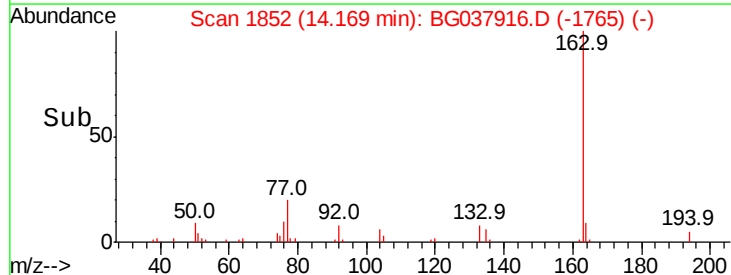
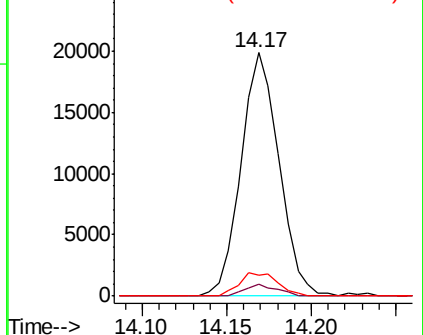
#50
Dimethylphthalate
Concen: 2.432 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037916.D
Acq: 9 Nov 2018 12:06

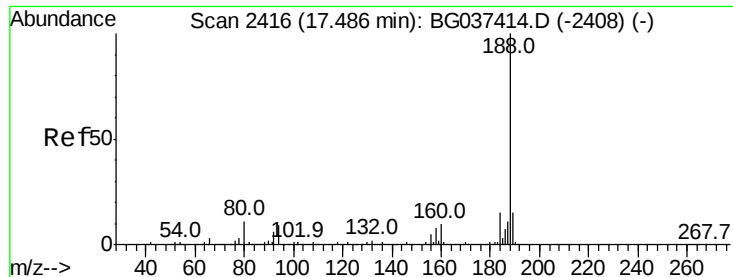
Tgt Ion:163 Resp: 31132

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	8.8	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

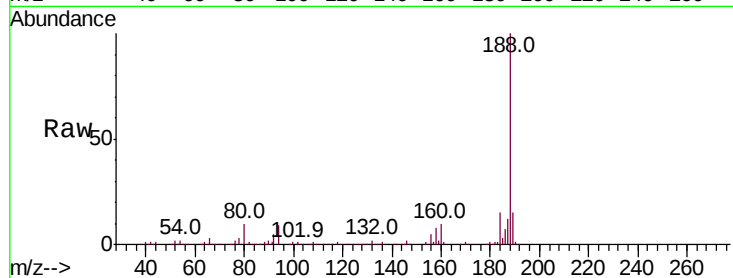
Delta R.T. -0.02 min

Lab File: BG037916.D

Acq: 9 Nov 2018 12:06

Tot Ion:188 Resp: 356424

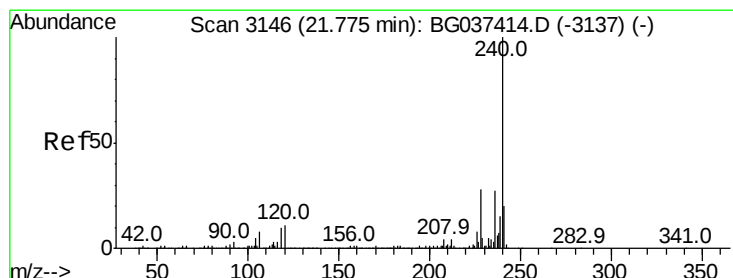
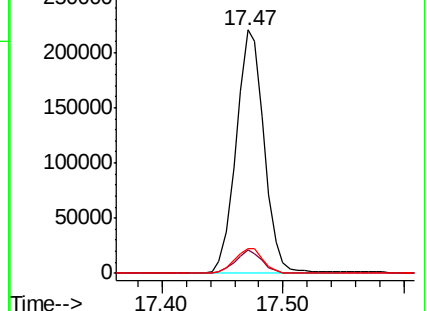
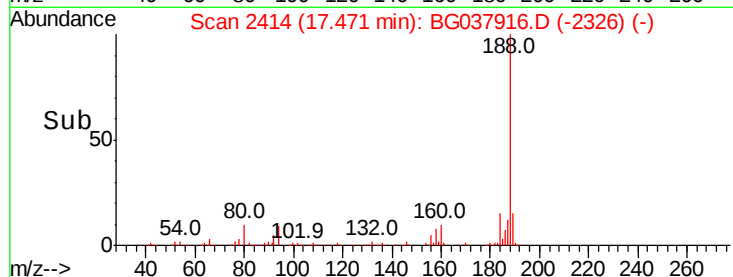
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.4	7.7	11.5



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

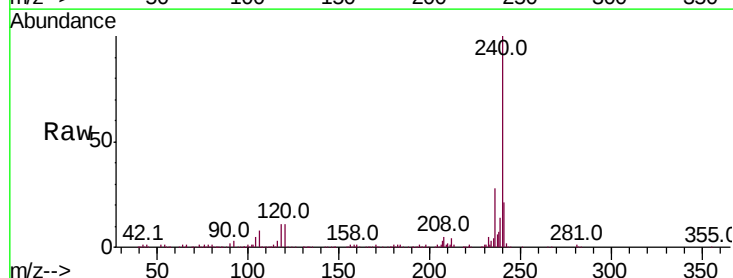
Delta R.T. -0.02 min

Lab File: BG037916.D

Acq: 9 Nov 2018 12:06

Tgt Ion:240 Resp: 314438

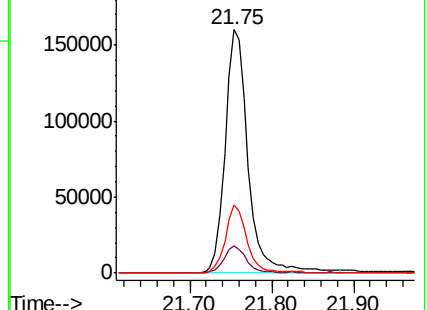
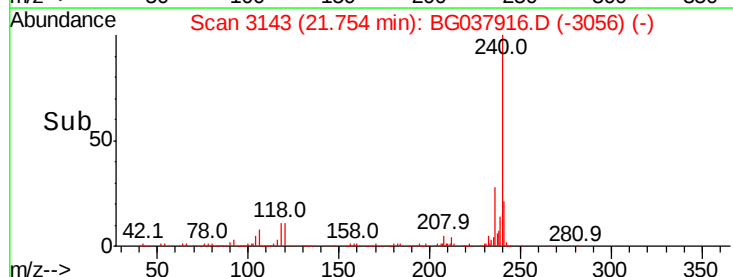
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	28.0	21.4	32.0

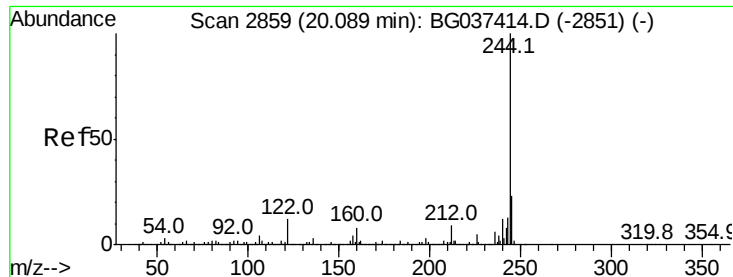


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.689 ng

RT: 20.07 min Scan# 2857

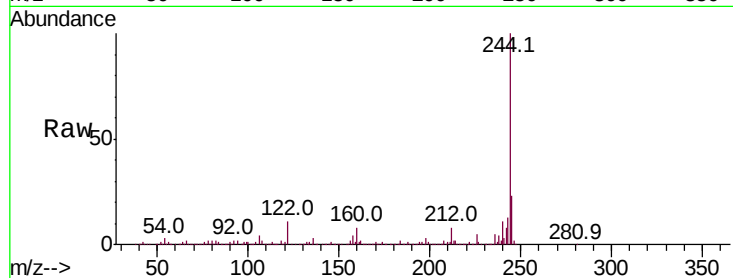
Delta R.T. -0.02 min

Lab File: BG037916.D

Acq: 9 Nov 2018 12:06

Tot Ion:244 Resp: 1319832

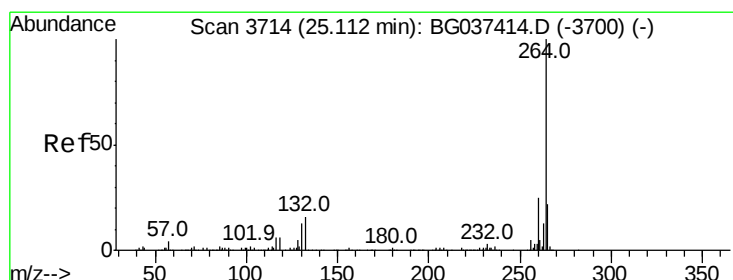
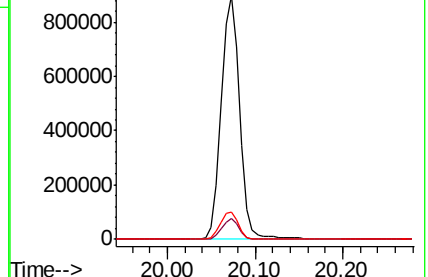
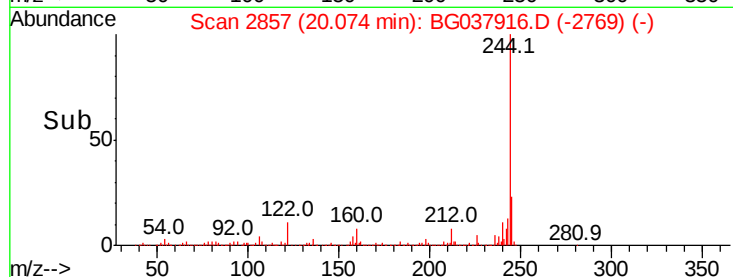
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.3	9.0	13.4



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

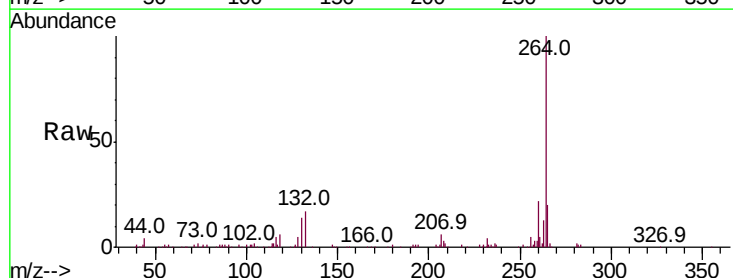
Delta R.T. -0.03 min

Lab File: BG037916.D

Acq: 9 Nov 2018 12:06

Tgt Ion:264 Resp: 264959

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.0	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

