

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037906.D
 Acq On : 9 Nov 2018 5:37
 Operator : JU/SJ
 Sample : J5768-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 15:32:42 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

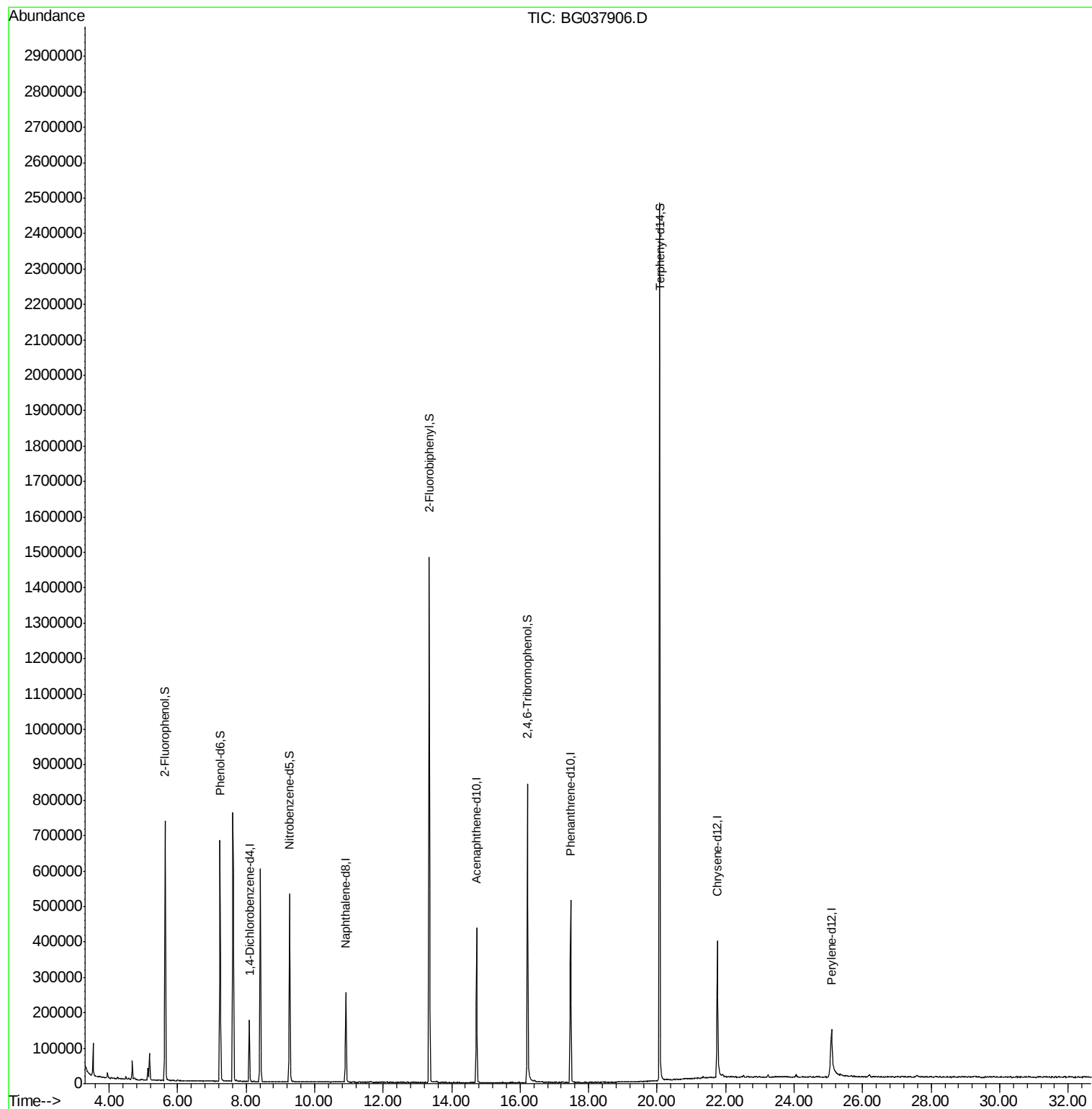
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51241	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	229146	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	151862	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	340380	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	300070	20.00	ng	-0.02
87) Perylene-d12	25.09	264	235875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342715	111.82	ng	-0.01
7) Phenol-d6	7.24	99	447887	96.64	ng	-0.01
23) Nitrobenzene-d5	9.27	82	339878	83.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	169383	102.26	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	816593	81.09	ng	-0.02
79) Terphenyl-d14	20.07	244	1229461	87.55	ng	-0.02

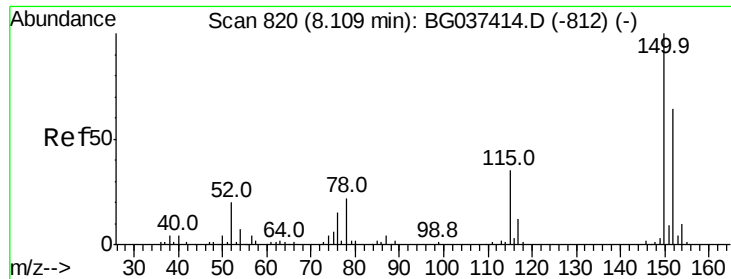
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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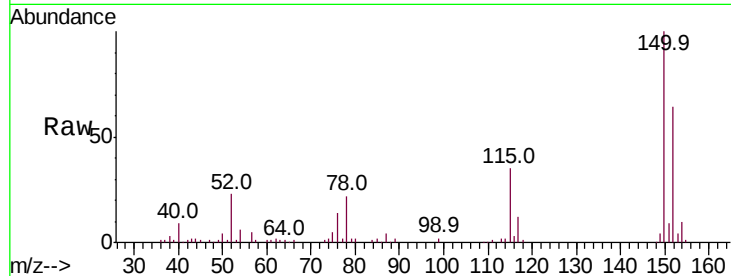




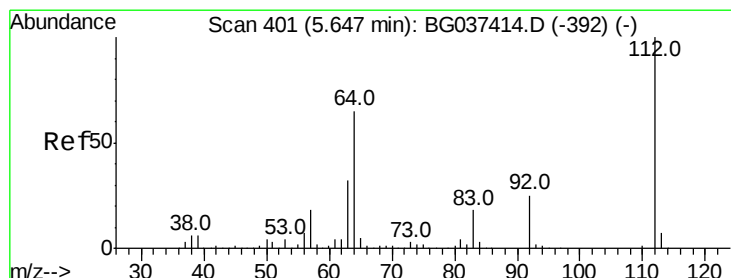
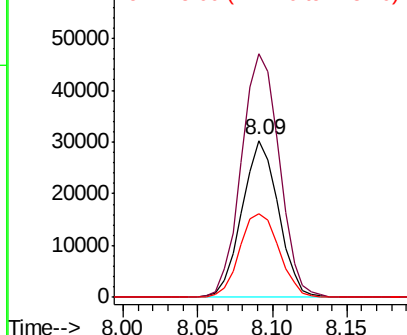
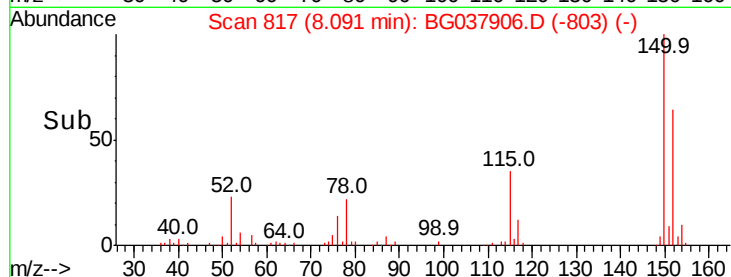
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tot Ion:152 Resp: 51241
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 53.7 45.5 68.3



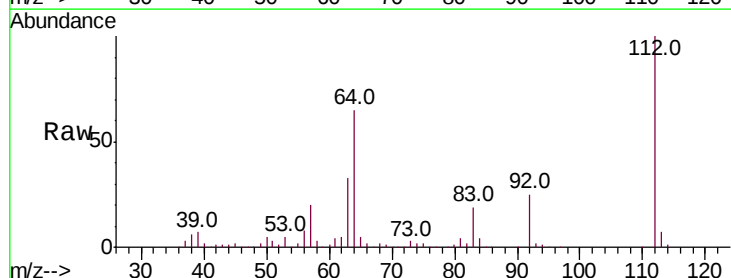
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



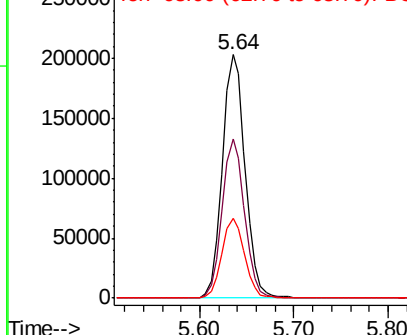
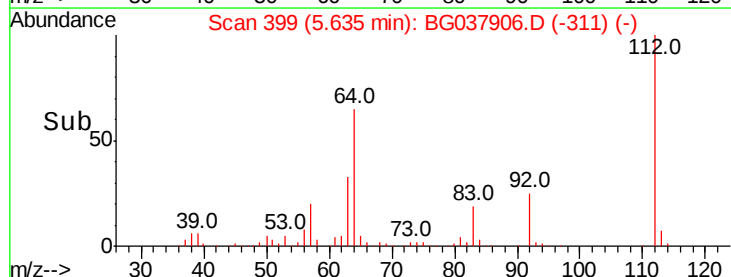
#5

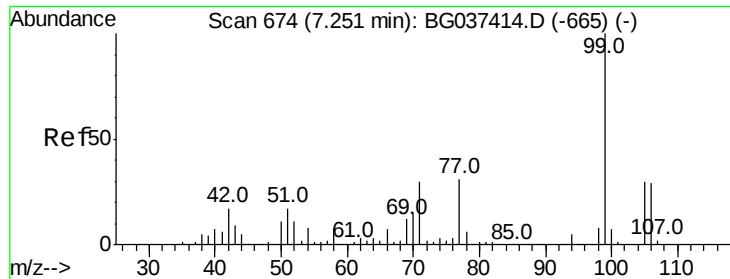
2-Fluorophenol
Concen: 111.818 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:112 Resp: 342715
Ion Ratio Lower Upper
112 100
64 65.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.641 ng

RT: 7.24 min Scan# 672

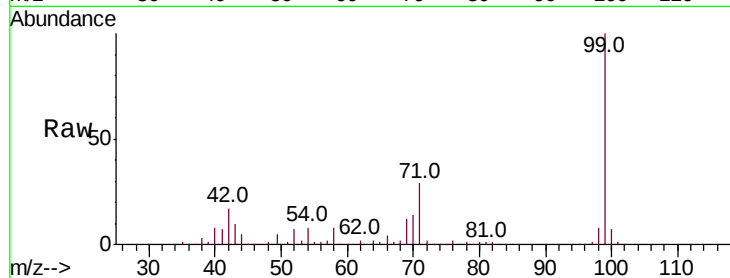
Delta R.T. -0.01 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

Tot Ion: 99 Resp: 447887

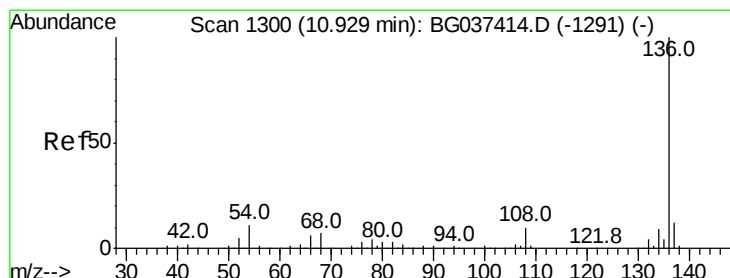
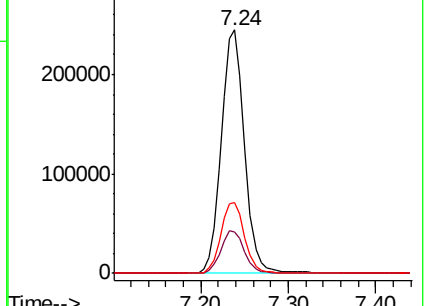
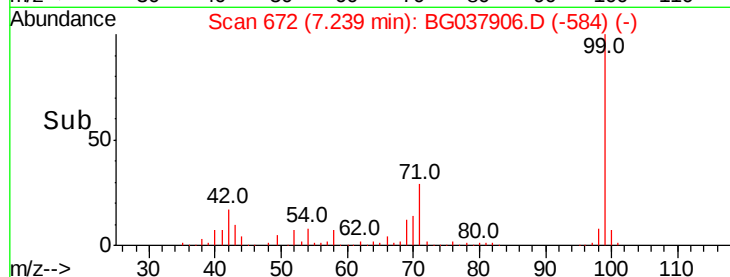
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	29.3	25.5	38.3



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

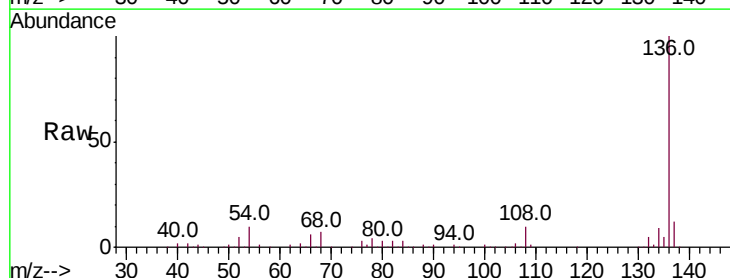
Delta R.T. -0.02 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

Tgt Ion: 136 Resp: 229146

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.7	7.9	11.9
68	7.0	4.8	7.2

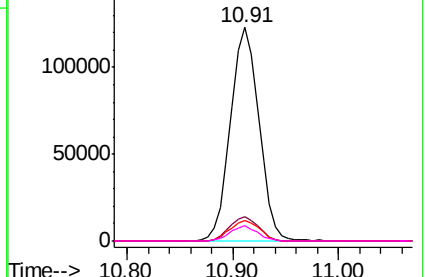
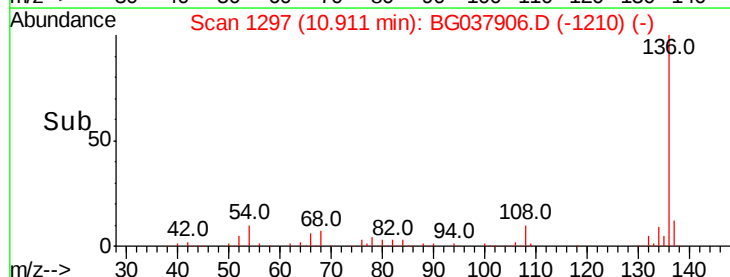


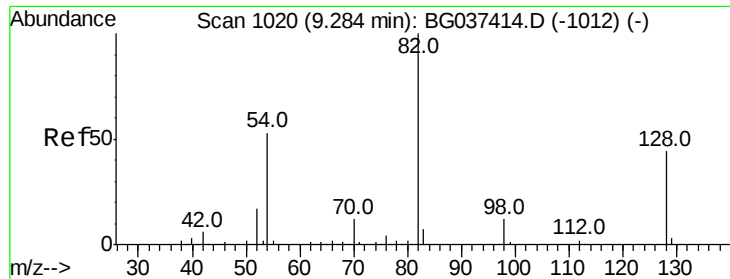
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 83.089 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

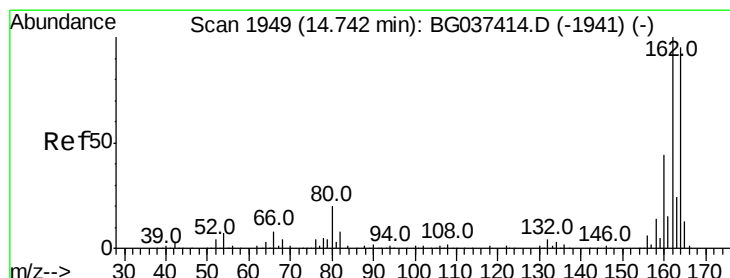
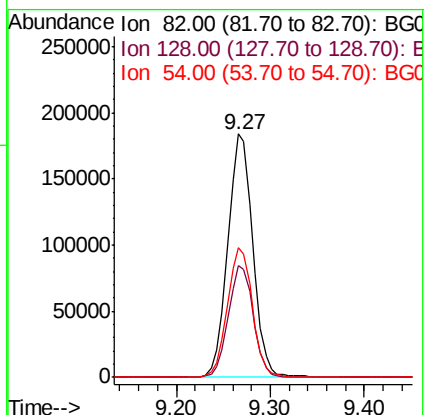
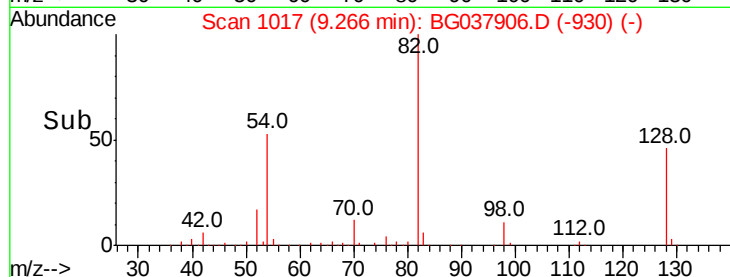
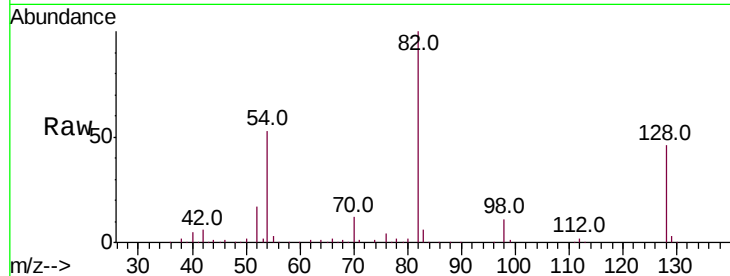
Tot Ion: 82 Resp: 339878

Ion Ratio Lower Upper

82 100

128 46.2 34.6 51.8

54 53.5 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

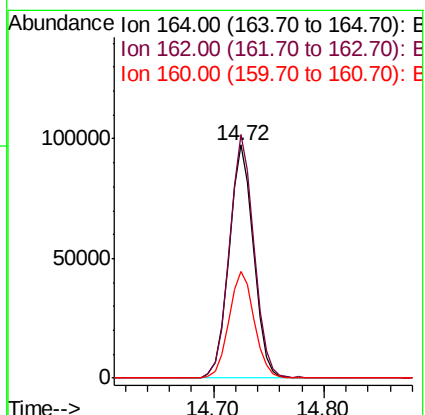
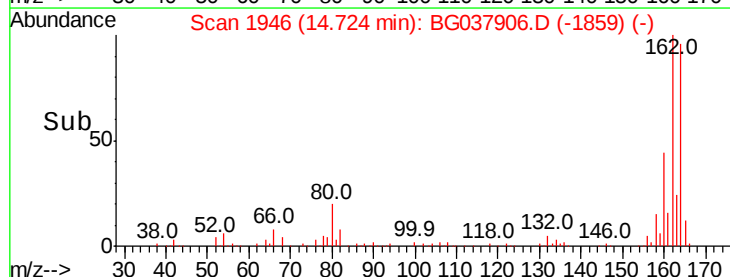
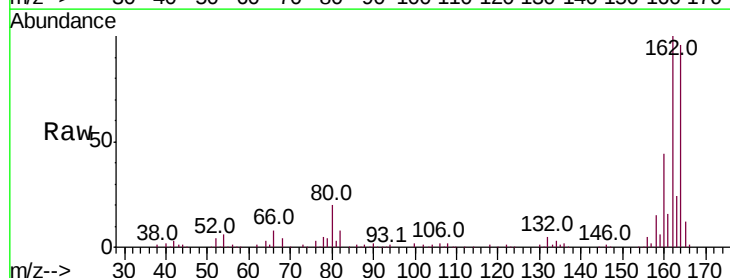
Tgt Ion: 164 Resp: 151862

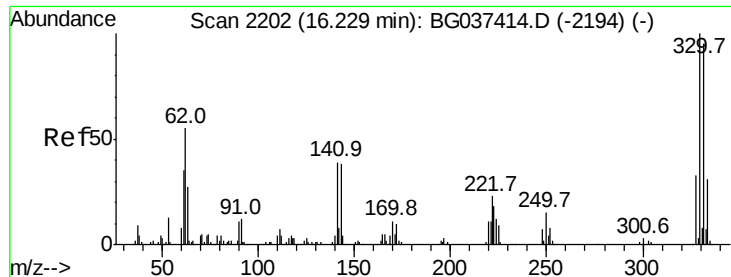
Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

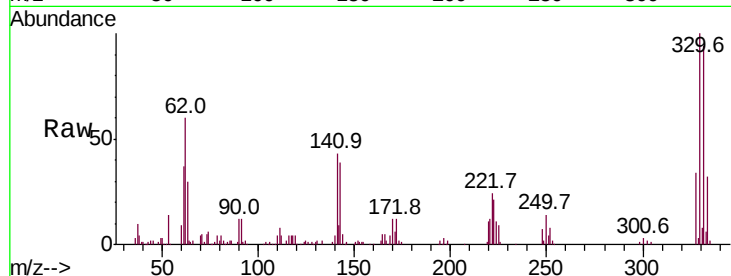
160 45.6 36.3 54.5



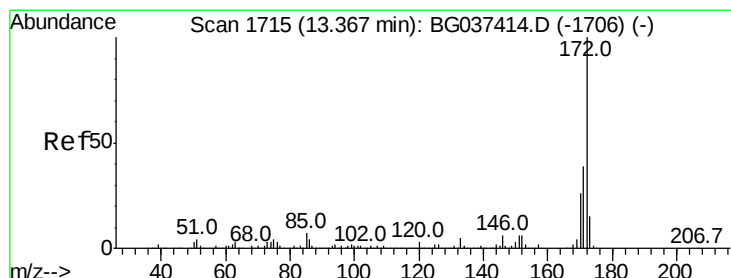
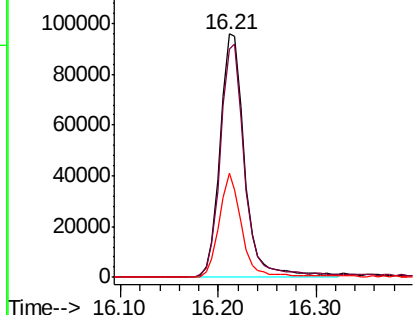
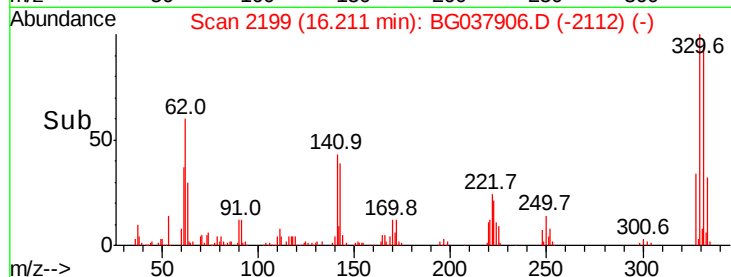


#42
 2,4,6-Tribromophenol
 Concen: 102.263 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	78.4	117.6
141	38.5	32.2	48.2

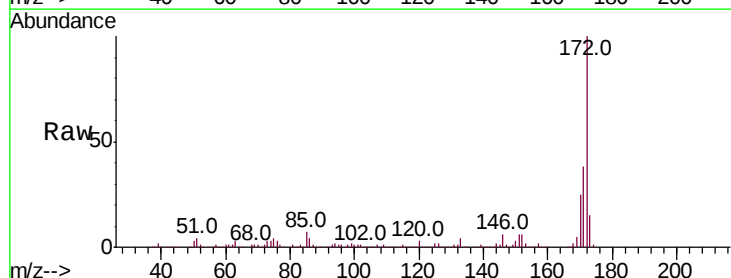


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

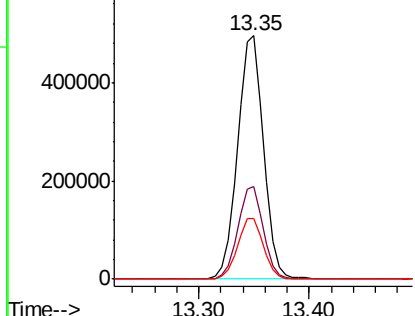
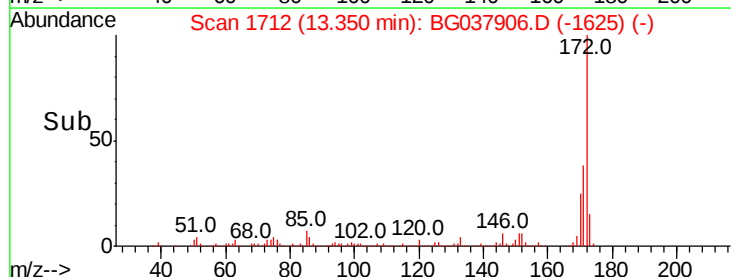


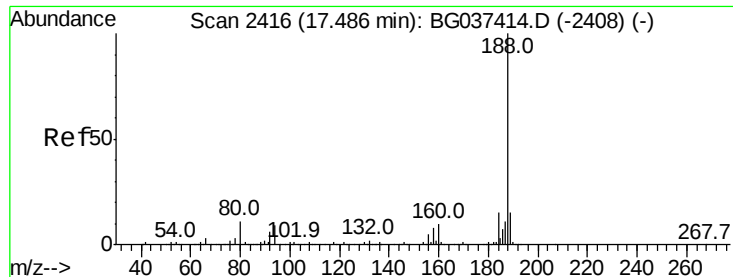
#45
 2-Fluorobiphenyl
 Concen: 81.085 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.1	20.2	30.2



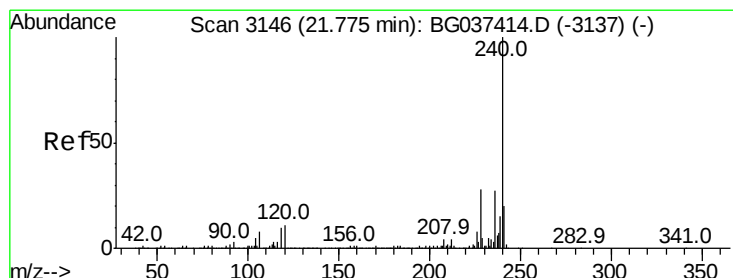
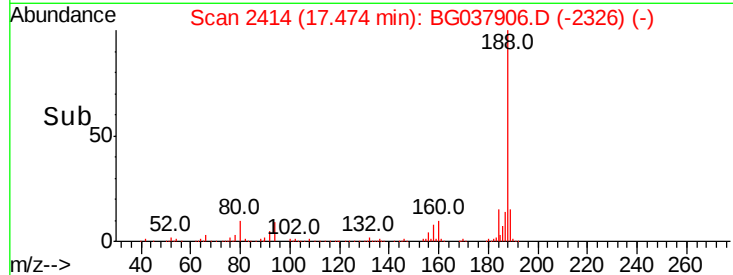
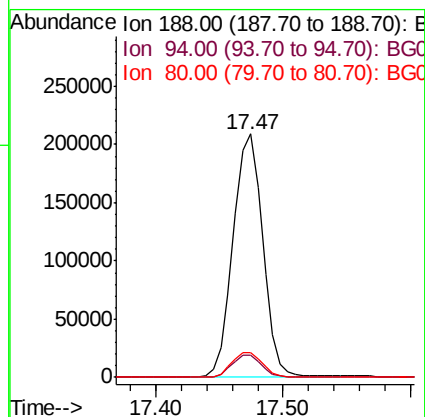
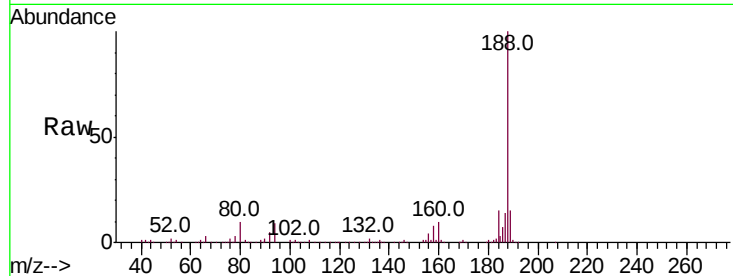
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





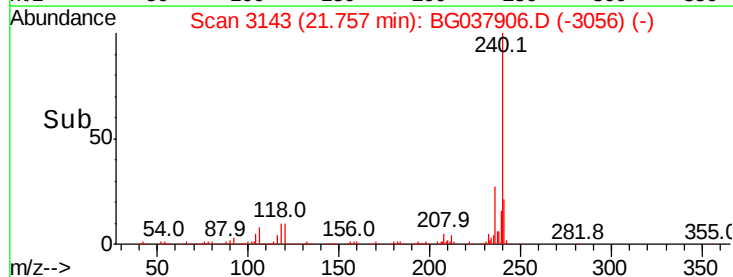
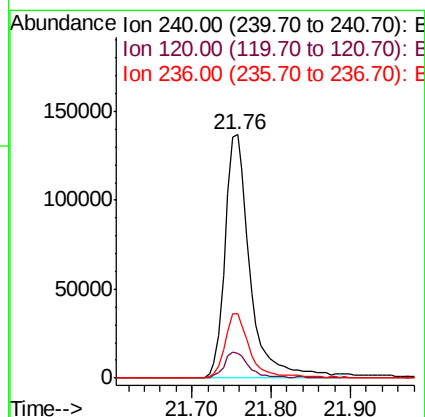
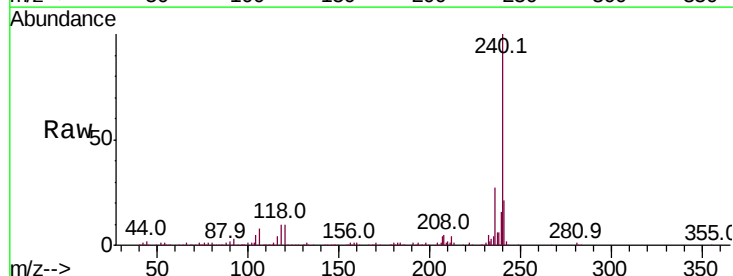
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

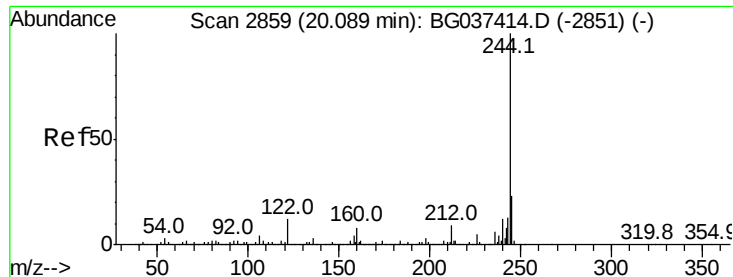
Tot Ion:188 Resp: 340380
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:240 Resp: 300070
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.6 21.4 32.0

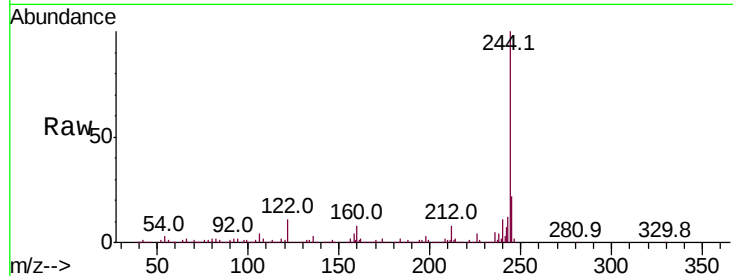




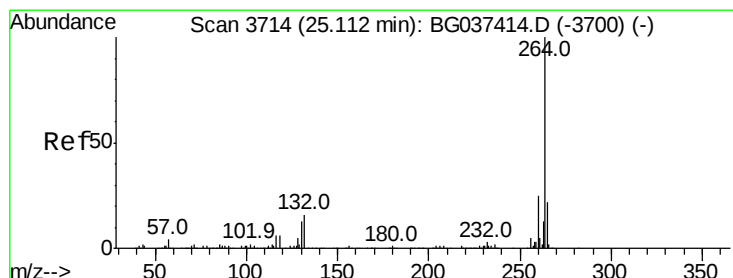
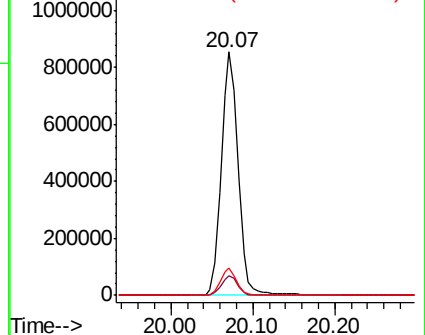
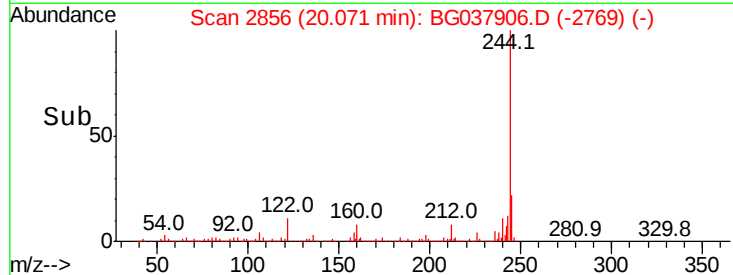
#79
 Terphenyl-d14
 Concen: 87.549 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

Tot Ion:244 Resp: 1229461

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.1	9.0	13.4



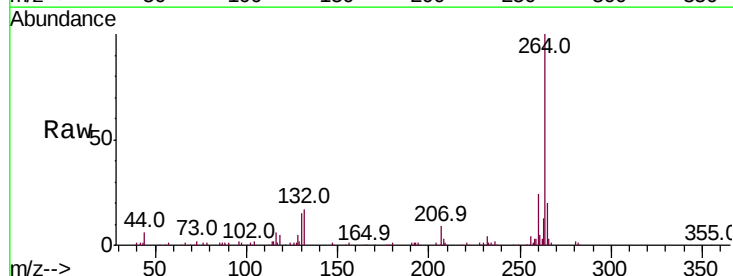
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

Tgt Ion:264 Resp: 235875

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.1	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

