

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038025.D
 Acq On : 15 Nov 2018 19:37
 Operator : JU/SJ
 Sample : J5942-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 16 06:48:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

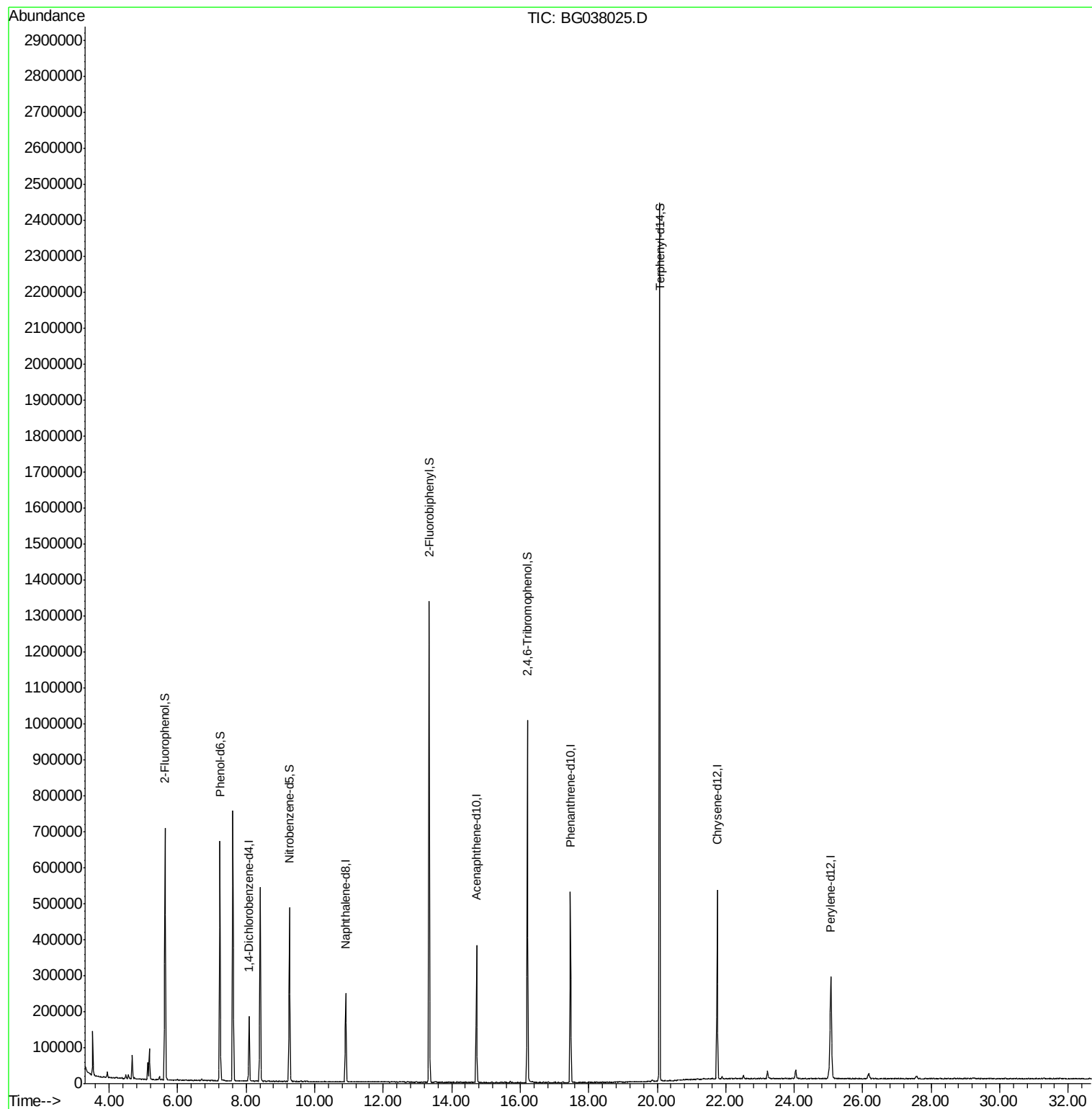
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50973	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	217867	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	136799	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	329386	20.00	ng	0.00
76) Chrysene-d12	21.75	240	313935	20.00	ng	0.00
87) Perylene-d12	25.08	264	315496	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	320252	108.48	ng	0.00
7) Phenol-d6	7.23	99	403884	95.84	ng	0.00
23) Nitrobenzene-d5	9.26	82	311138	76.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	174689	111.97	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	702611	74.83	ng	0.00
79) Terphenyl-d14	20.07	244	1120011	83.95	ng	0.00

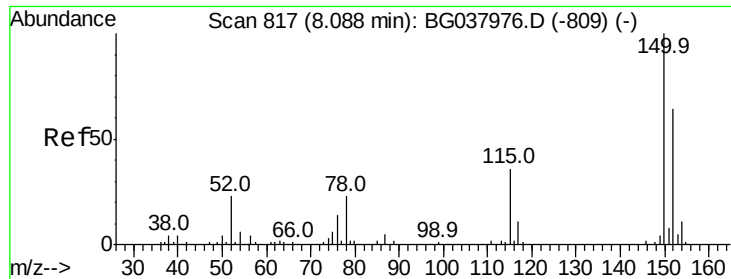
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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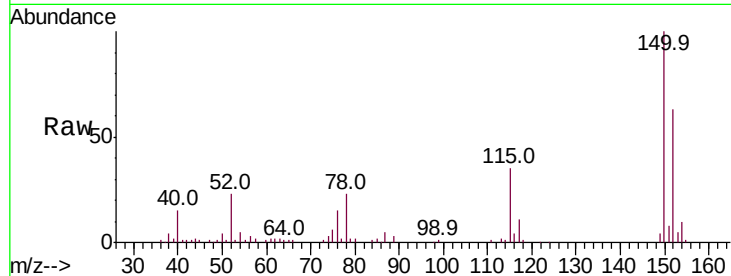




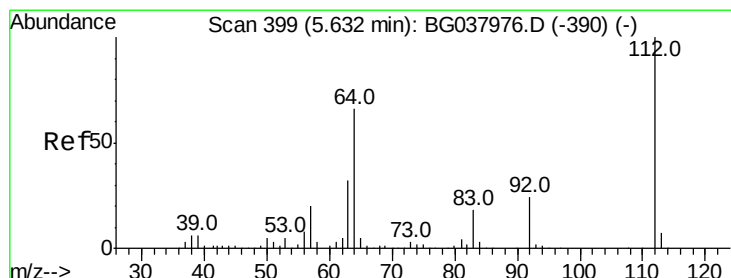
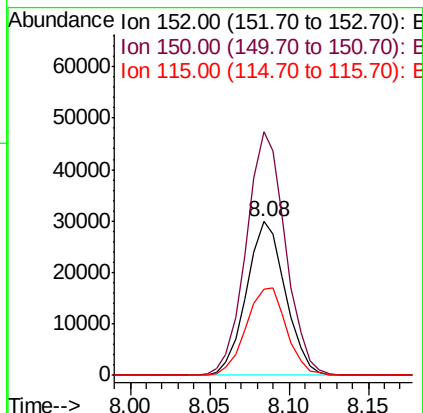
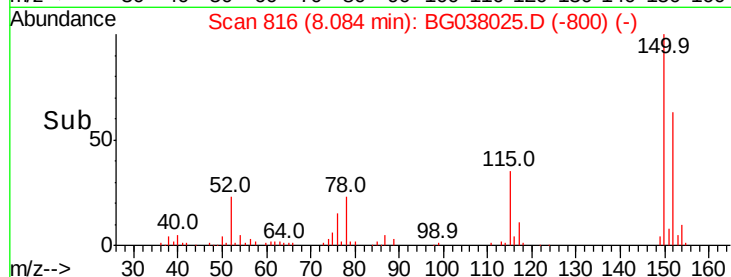
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038025.D
 Acq: 15 Nov 2018 19:37

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.0	189.0
115	56.1	45.5	68.3



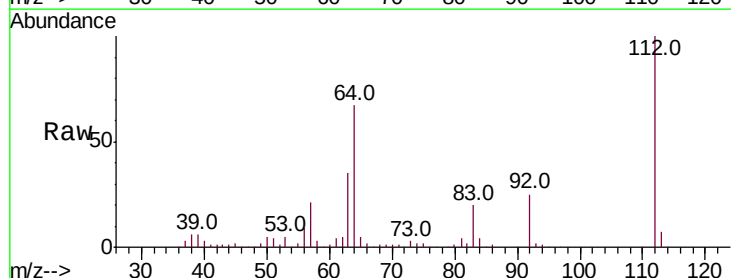
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



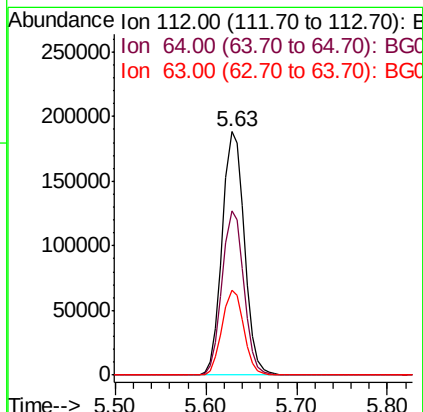
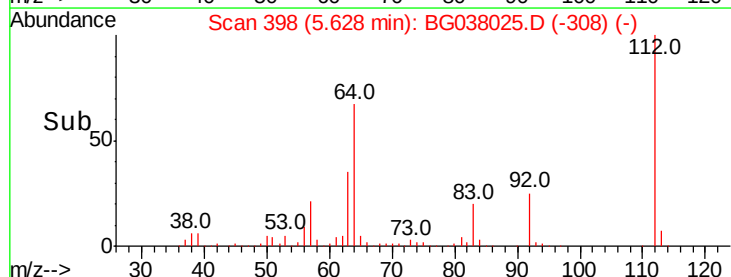
#5

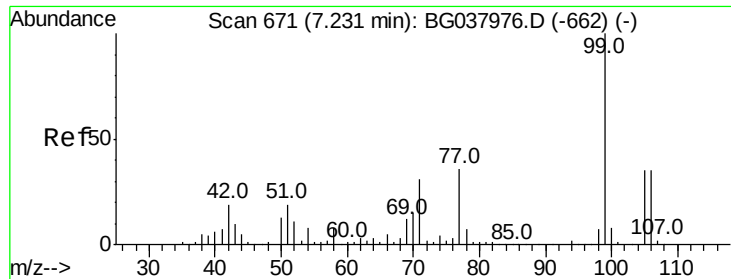
2-Fluorophenol
 Concen: 108.476 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038025.D
 Acq: 15 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.1	79.7
63	34.8	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: 95.839 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

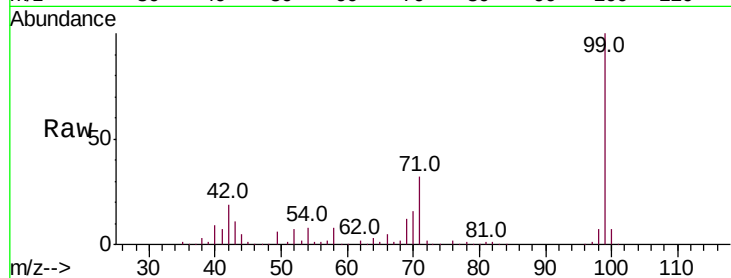
Tot Ion: 99 Resp: 403884

Ion Ratio Lower Upper

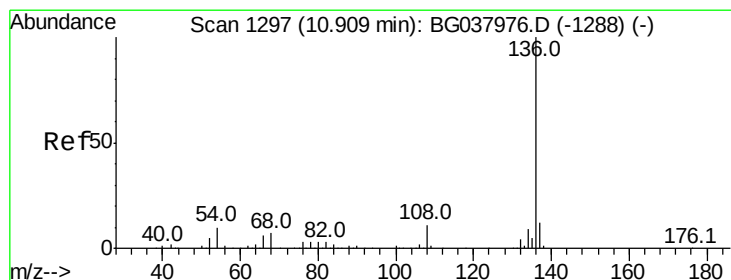
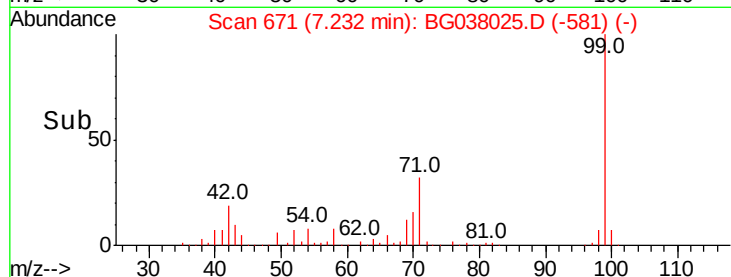
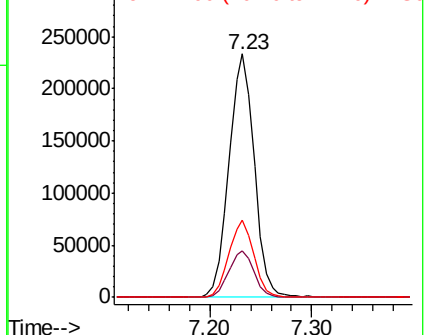
99 100

42 18.9 15.0 22.4

71 31.6 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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

Tgt Ion: 136 Resp: 217867

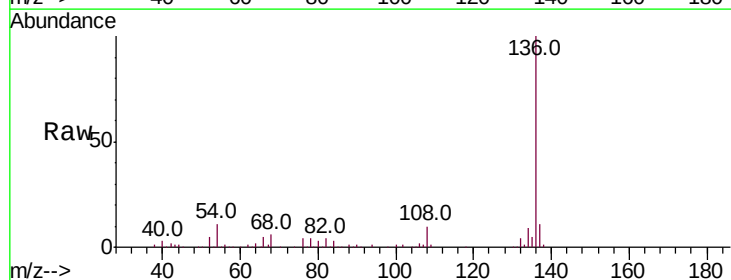
Ion Ratio Lower Upper

136 100

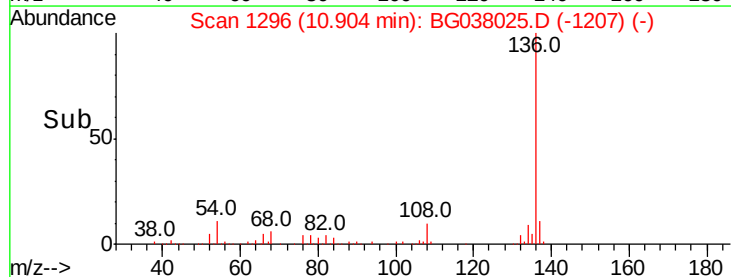
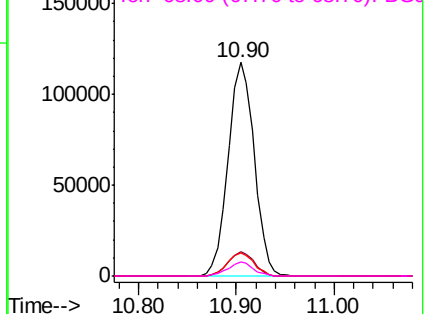
137 11.4 9.6 14.4

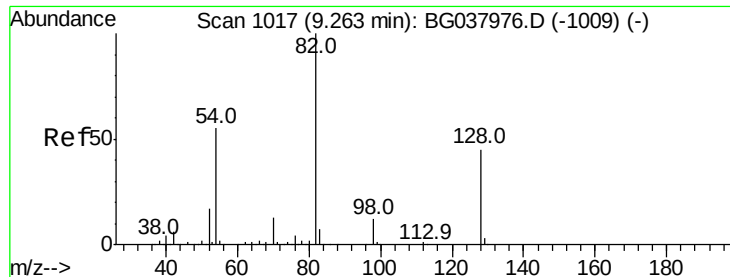
54 10.8 7.9 11.9

68 6.5 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 76.447 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

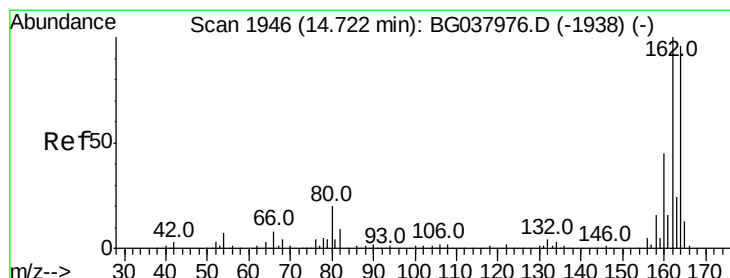
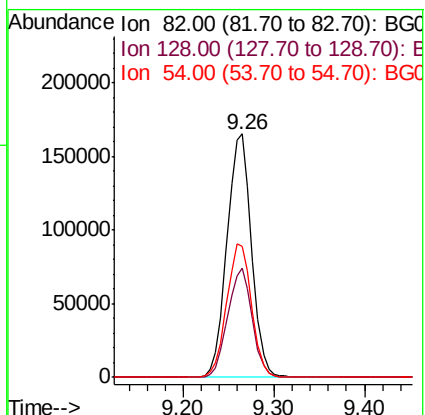
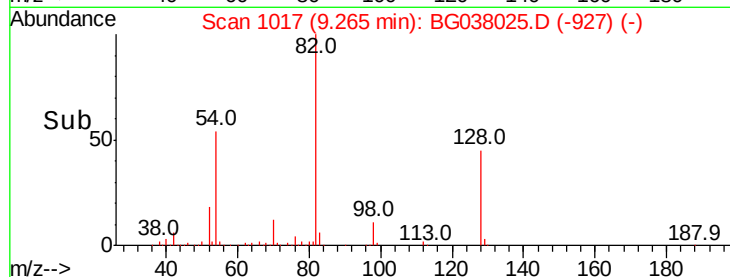
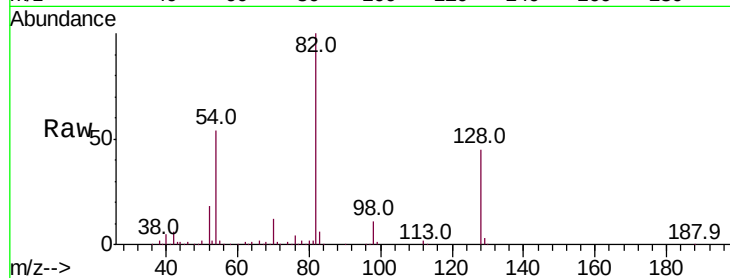
Tot Ion: 82 Resp: 311138

Ion Ratio Lower Upper

82 100

128 45.1 34.6 51.8

54 53.7 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

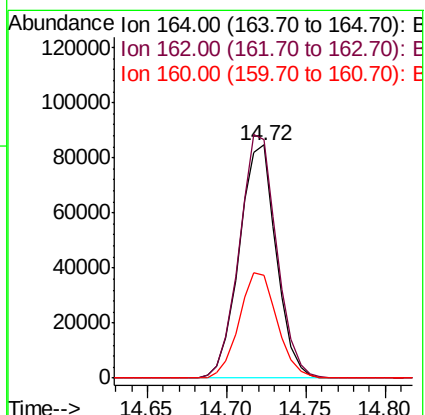
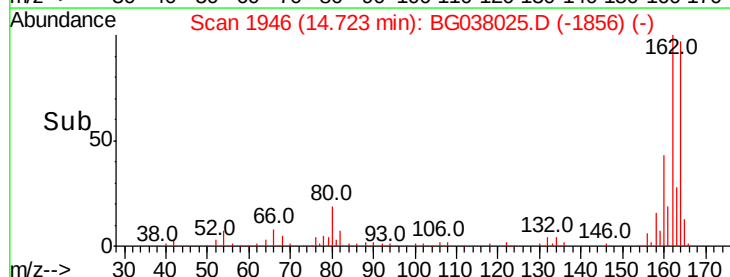
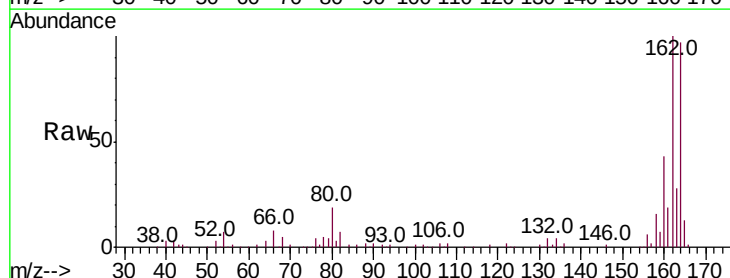
Tgt Ion: 164 Resp: 136799

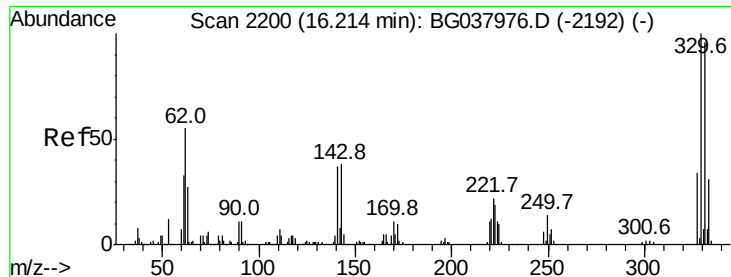
Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

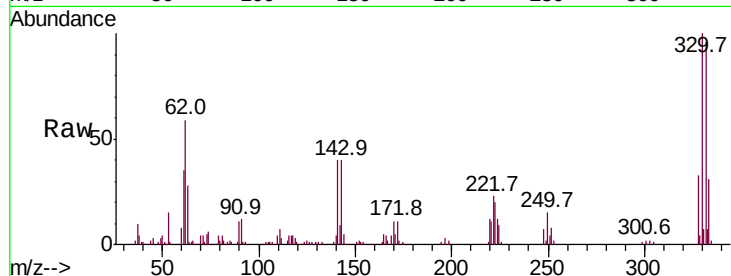
160 43.9 36.3 54.5





#42
 2,4,6-Tribromophenol
 Concen: 111.969 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038025.D
 Acq: 15 Nov 2018 19:37

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.4	117.6
141	41.4	32.2	48.2

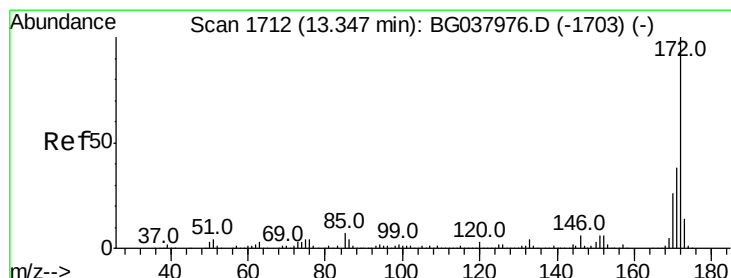
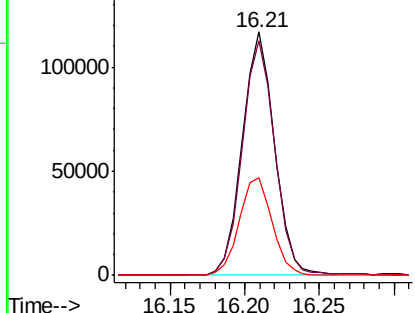
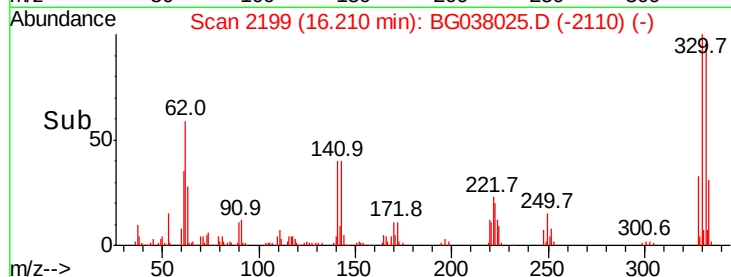


Abundance

Ion 329.80 (329.50 to 330.50): E

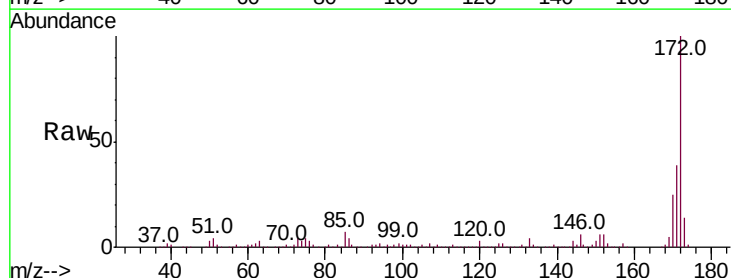
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.825 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038025.D
 Acq: 15 Nov 2018 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	24.8	20.2	30.2

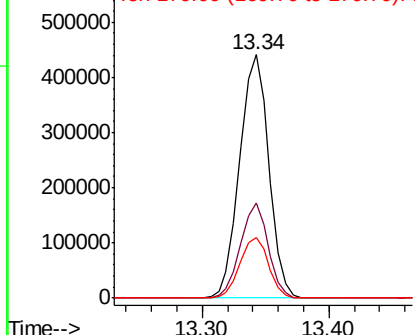
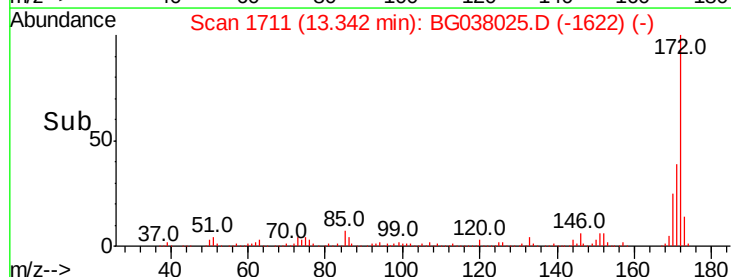


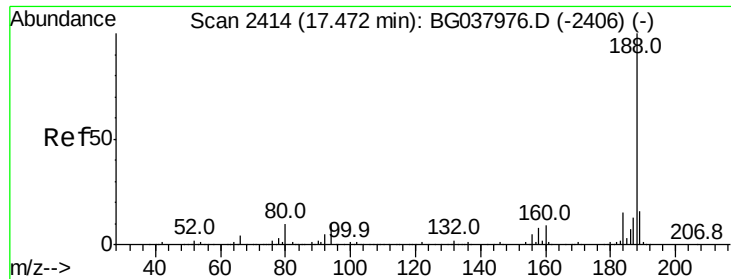
Abundance

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# 2413

Delta R.T. -0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

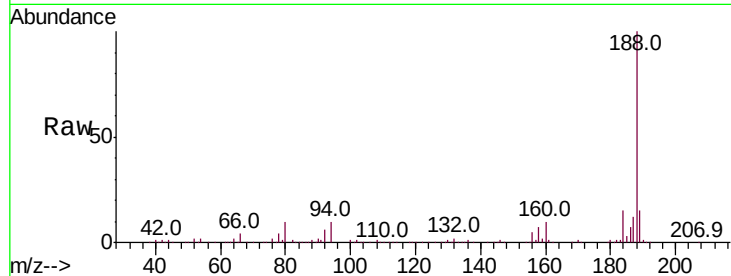
Tot Ion:188 Resp: 329386

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

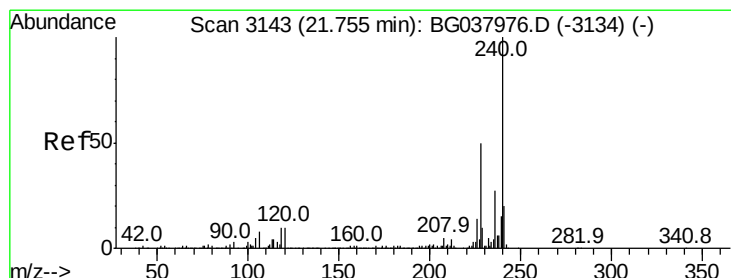
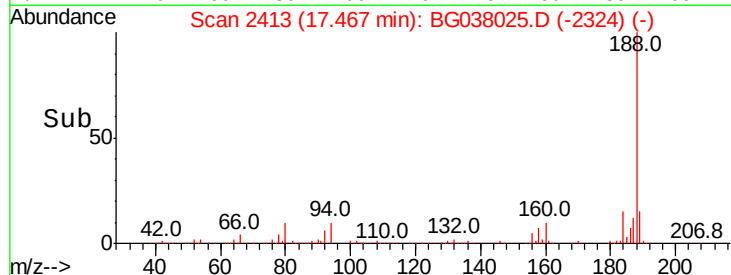
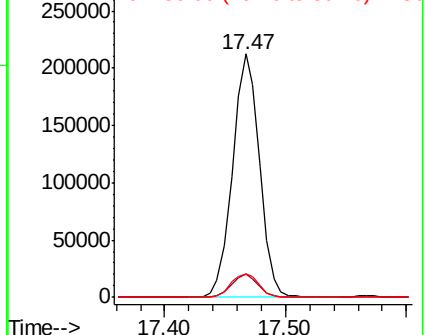
80 9.8 7.7 11.5



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# 3142

Delta R.T. -0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

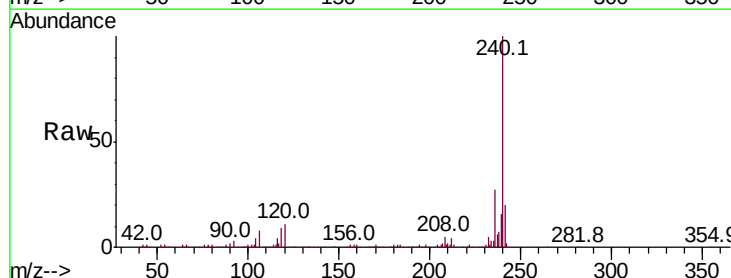
Tgt Ion:240 Resp: 313935

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

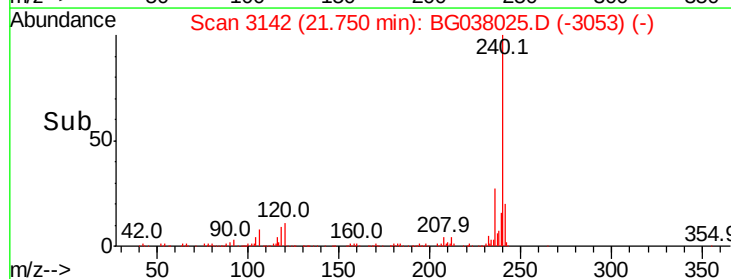
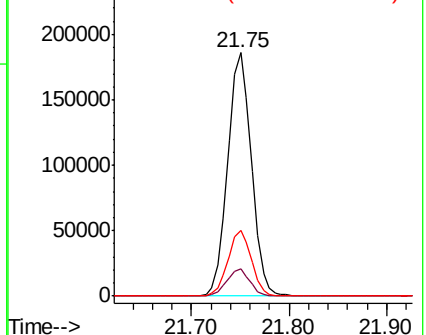
236 26.8 21.4 32.0

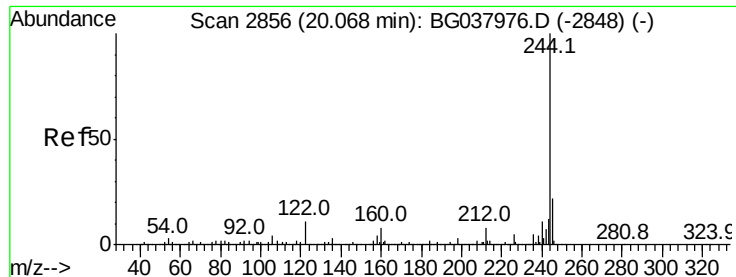


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.947 ng

RT: 20.07 min Scan# 2856

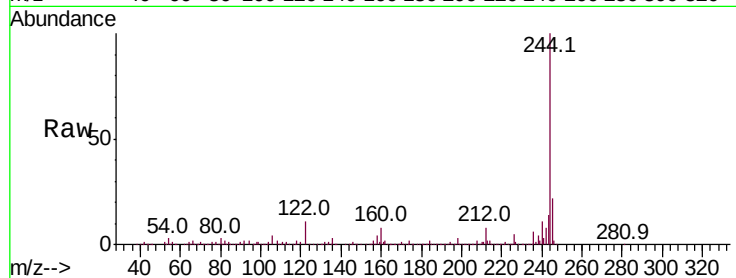
Delta R.T. 0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

Tot Ion:244 Resp: 1120011

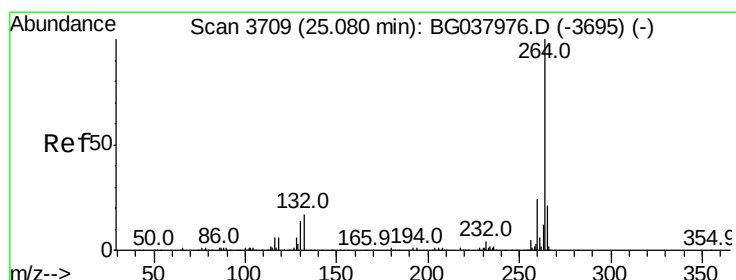
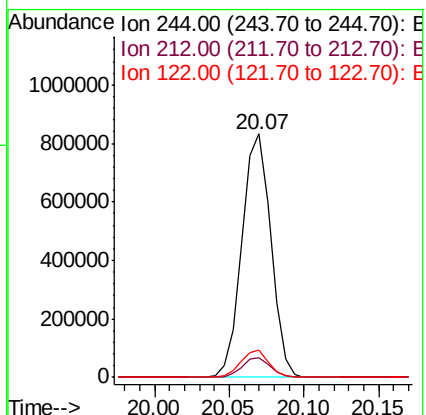
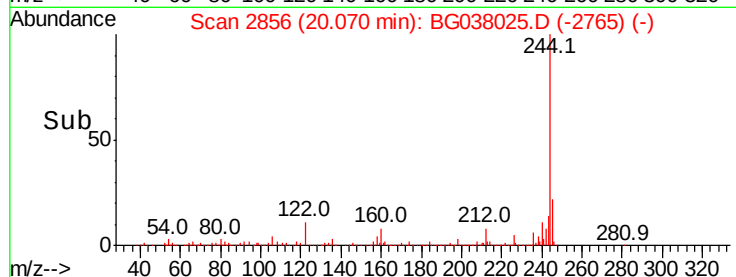
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.1	9.0	13.4



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: 25.08 min Scan# 3708

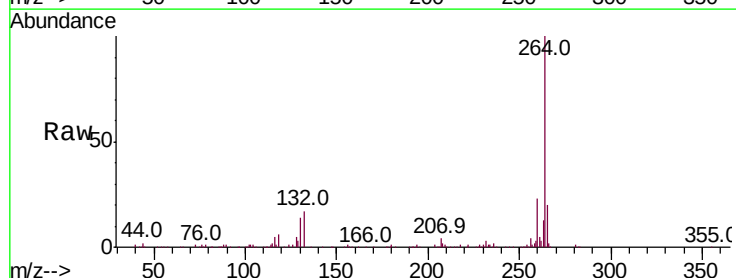
Delta R.T. -0.00 min

Lab File: BG038025.D

Acq: 15 Nov 2018 19:37

Tgt Ion:264 Resp: 315496

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.3	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

