

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038023.D
 Acq On : 15 Nov 2018 18:19
 Operator : JU/SJ
 Sample : J5767-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 16 06:44:38 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	8.09	152	43327	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	186133	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120242	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	289468	20.00	ng	0.00
76) Chrysene-d12	21.75	240	276503	20.00	ng	0.00
87) Perylene-d12	25.07	264	273869	20.00	ng	-0.01

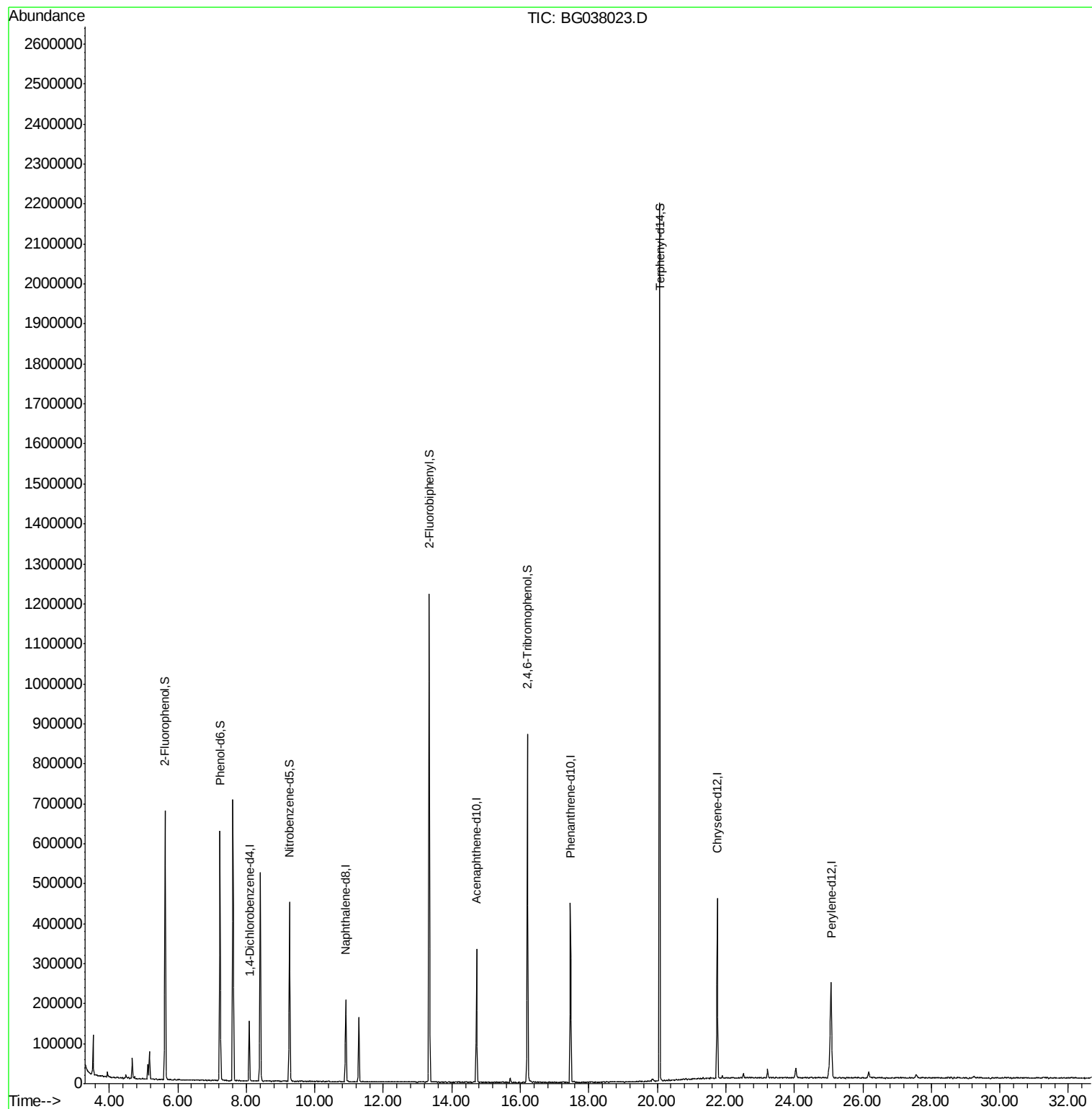
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	304368	121.29	ng	0.00
7) Phenol-d6	7.23	99	383276	107.00	ng	0.00
23) Nitrobenzene-d5	9.26	82	281022	80.82	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	161397	117.69	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	659444	79.90	ng	0.00
79) Terphenyl-d14	20.07	244	1049789	89.34	ng	0.00

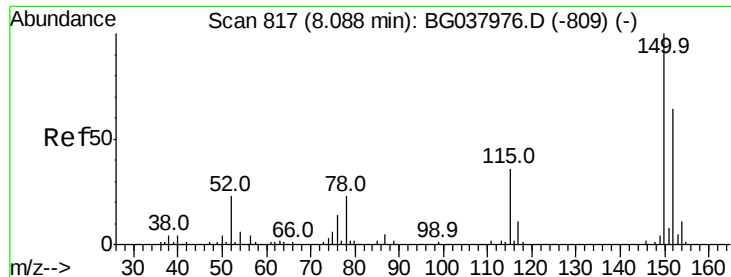
Target Compounds	Qvalue

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

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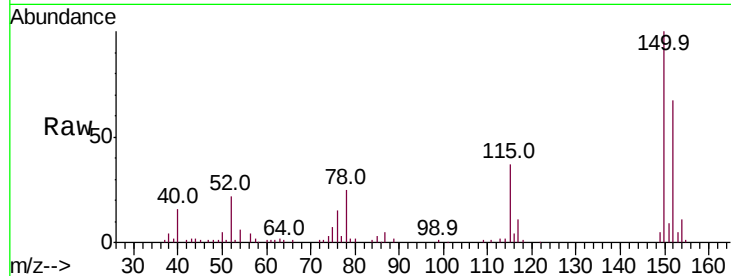




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038023.D
Acq: 15 Nov 2018 18:19

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.0	189.0
115	56.3	45.5	68.3

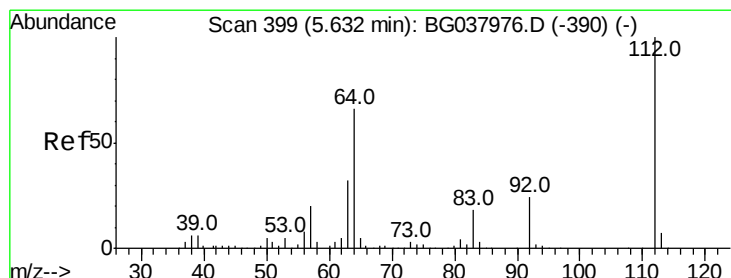
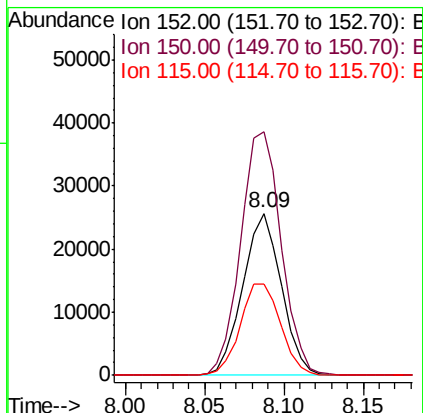
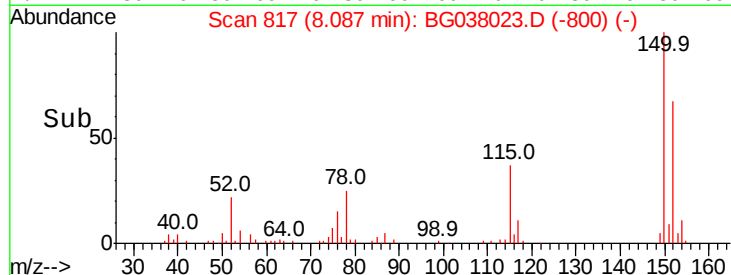


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

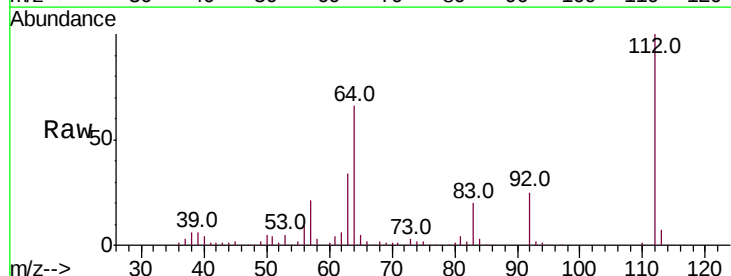
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.290 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038023.D
Acq: 15 Nov 2018 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	34.1	27.3	40.9

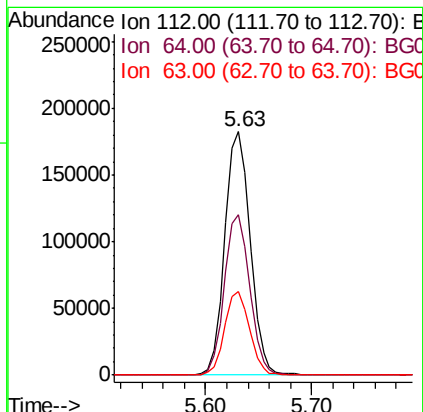
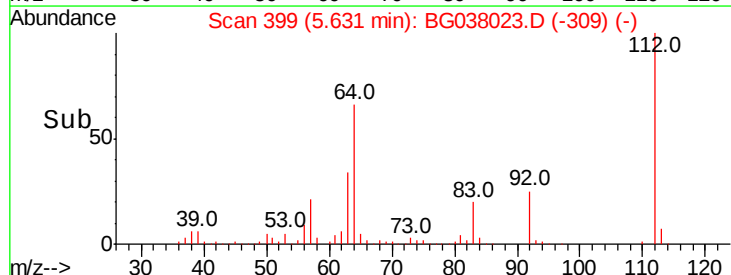


Abundance

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: 106.999 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

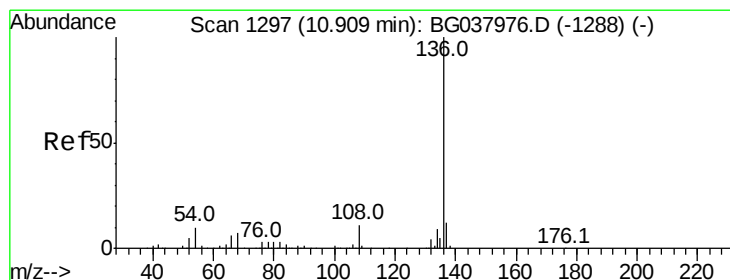
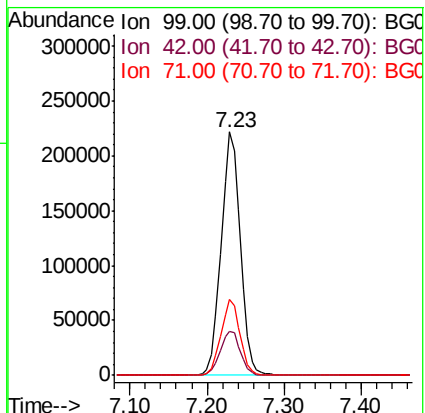
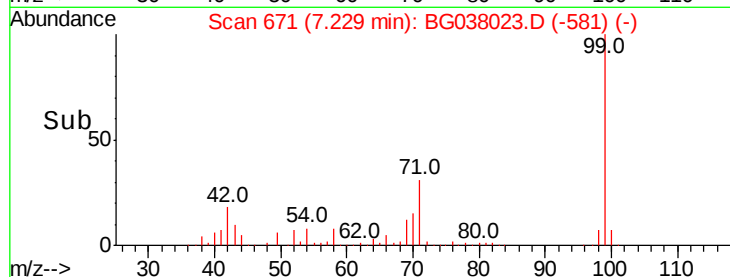
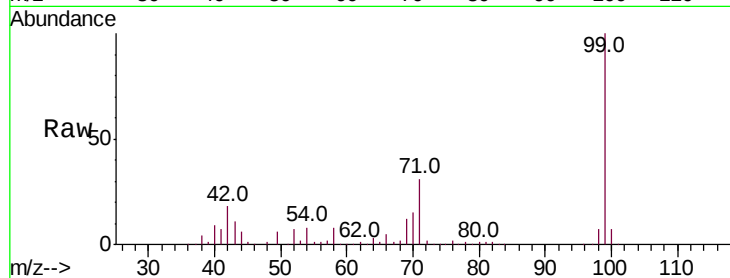
Tot Ion: 99 Resp: 383276

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

71 31.4 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

Tgt Ion: 136 Resp: 186133

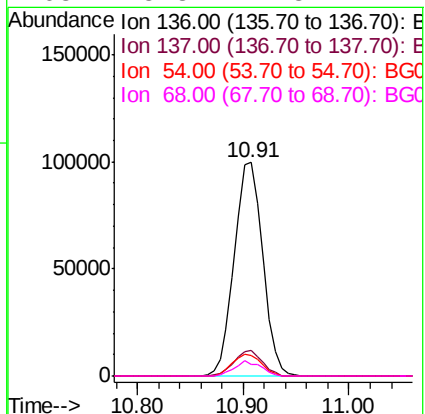
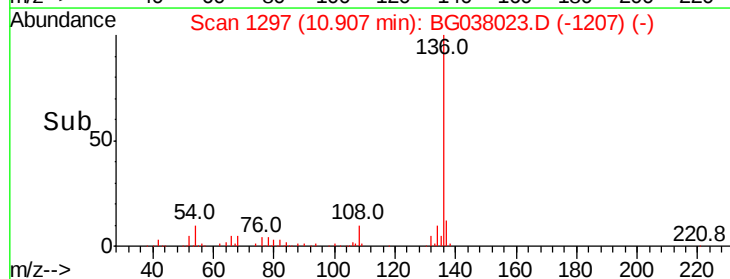
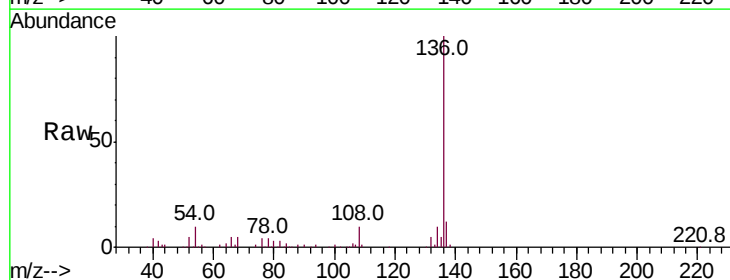
Ion Ratio Lower Upper

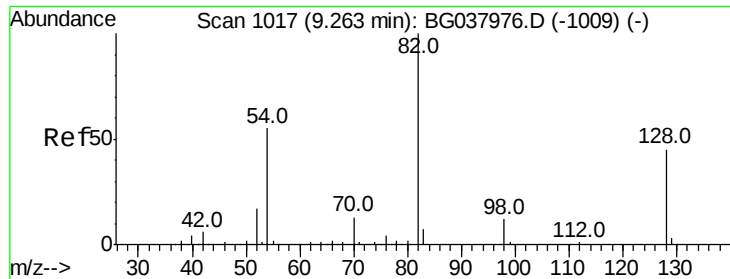
136 100

137 12.3 9.6 14.4

54 9.8 7.9 11.9

68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.820 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

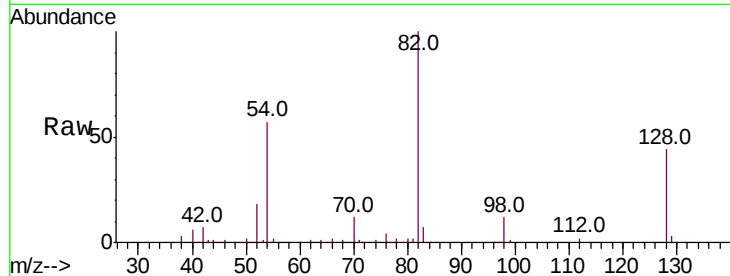
Tot Ion: 82 Resp: 281022

Ion Ratio Lower Upper

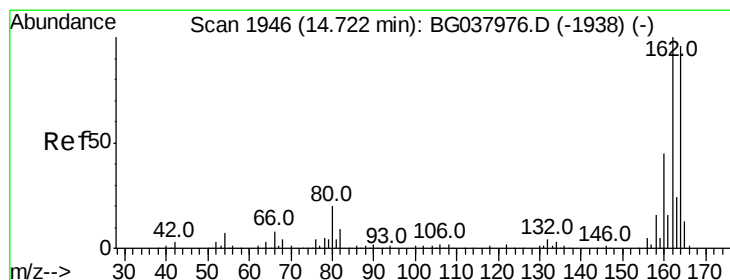
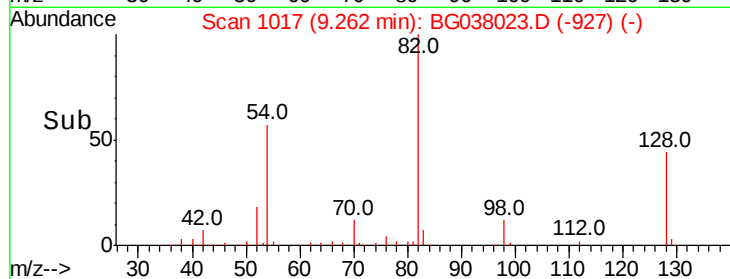
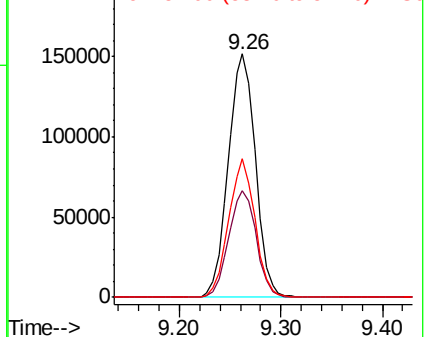
82 100

128 43.6 34.6 51.8

54 57.0 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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

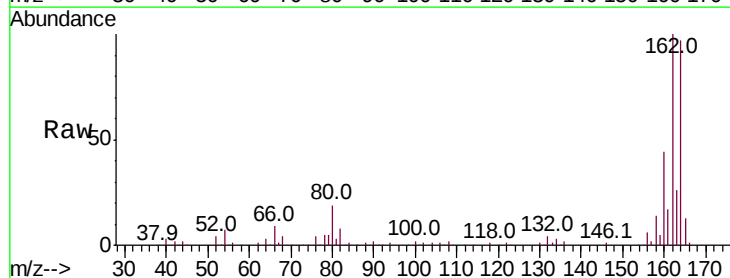
Tgt Ion: 164 Resp: 120242

Ion Ratio Lower Upper

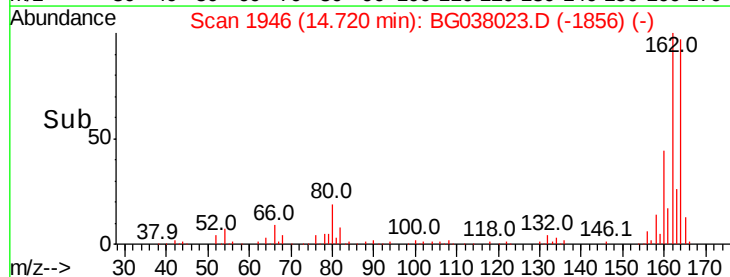
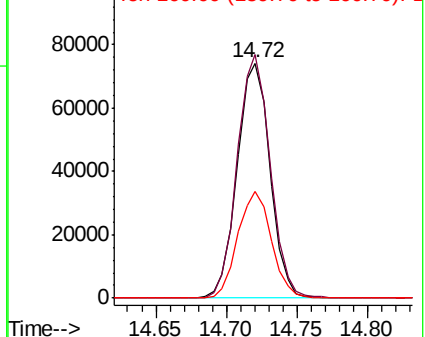
164 100

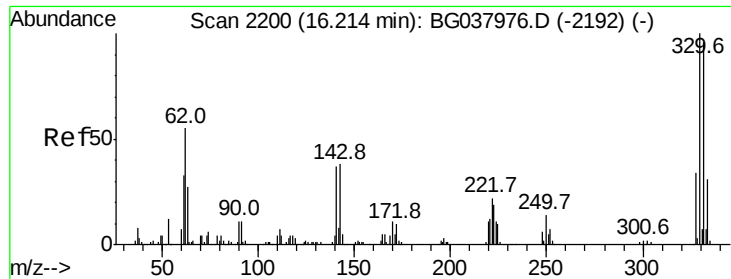
162 103.5 81.3 121.9

160 45.1 36.3 54.5



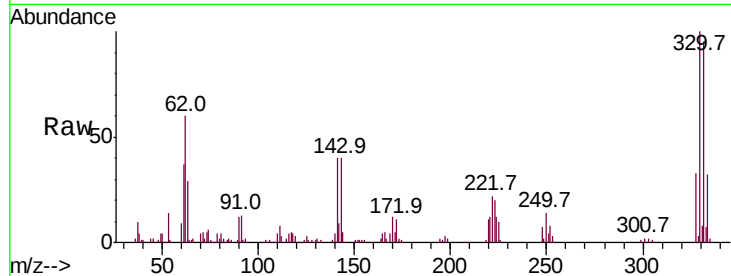
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



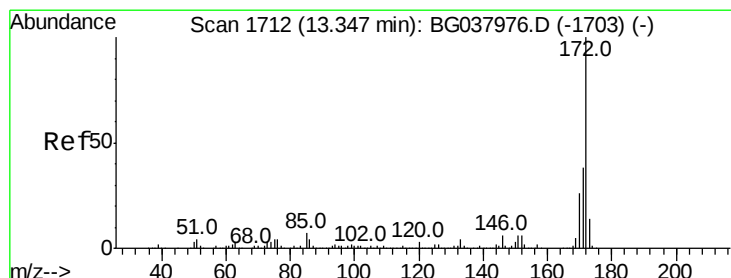
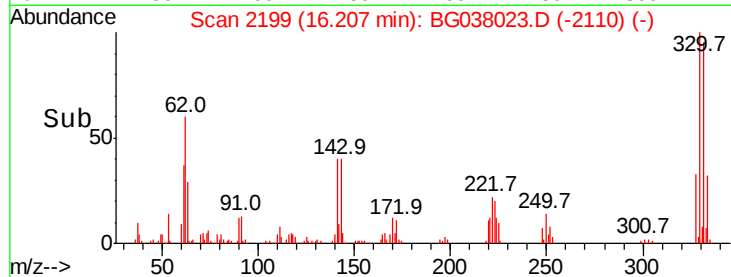
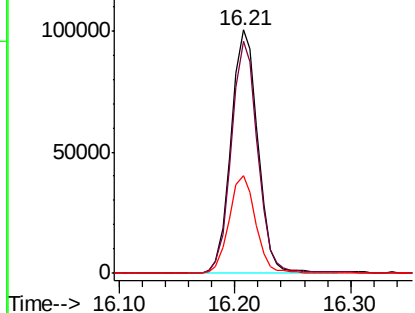


#42
 2,4,6-Tribromophenol
 Concen: 117.694 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038023.D
 Acq: 15 Nov 2018 18:19

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.4	117.6
141	40.0	32.2	48.2

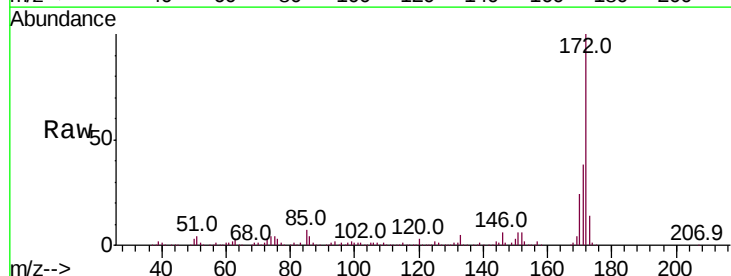


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

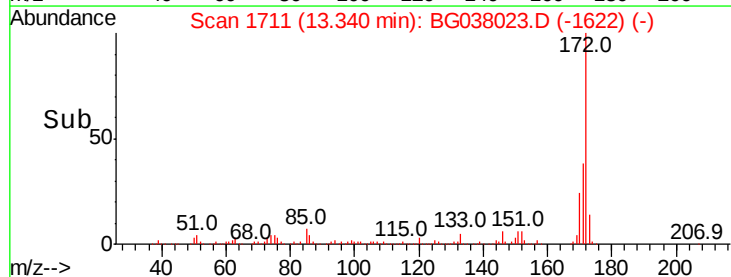
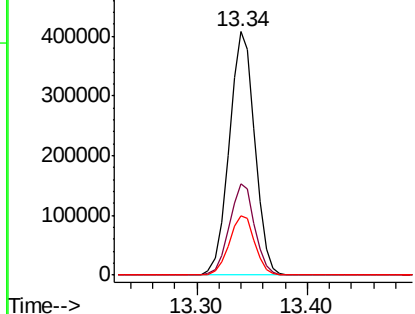


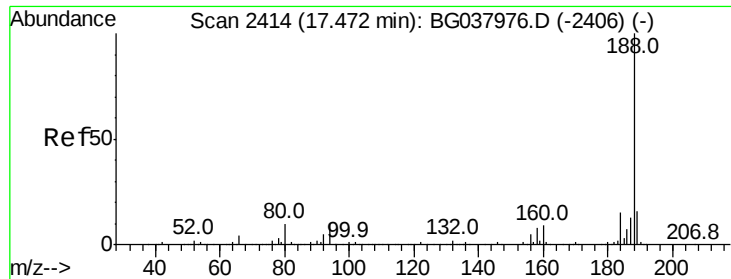
#45
 2-Fluorobiphenyl
 Concen: 79.898 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038023.D
 Acq: 15 Nov 2018 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.4	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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

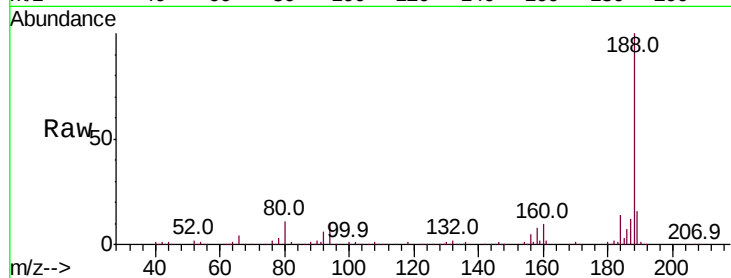
Tot Ion:188 Resp: 289468

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

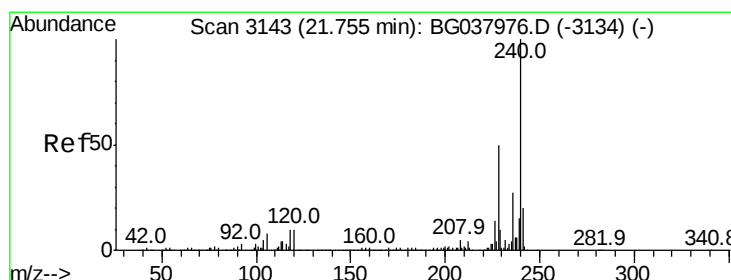
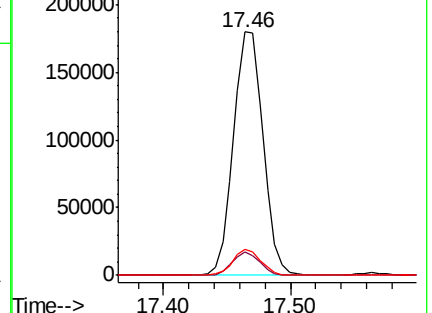
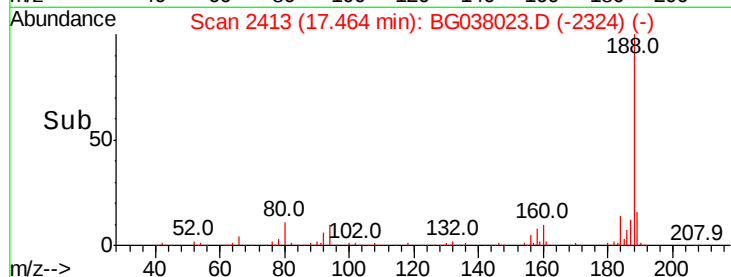
80 10.7 7.7 11.5



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. -0.01 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

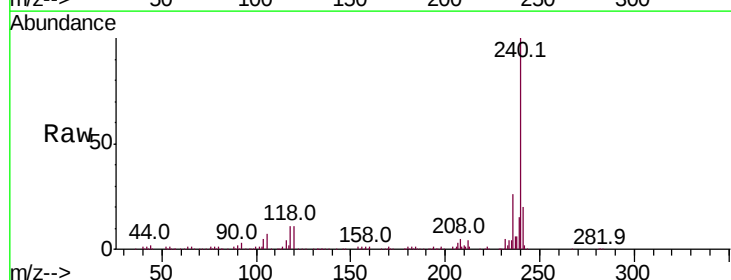
Tgt Ion:240 Resp: 276503

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

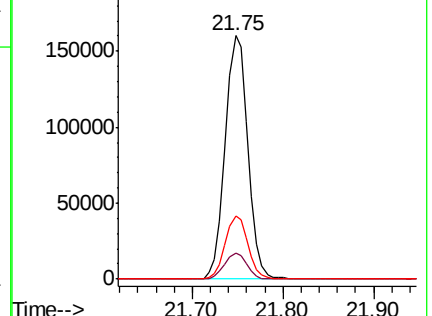
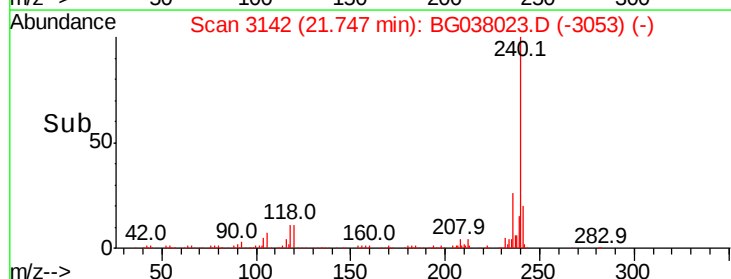
236 25.9 21.4 32.0



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: 89.336 ng

RT: 20.07 min Scan# 2856

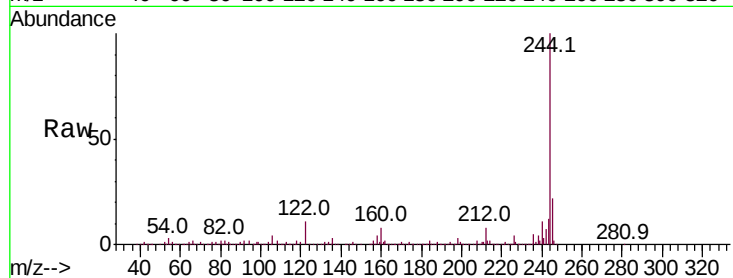
Delta R.T. -0.00 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

Tot Ion:244 Resp: 1049789

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.8	9.0	13.4

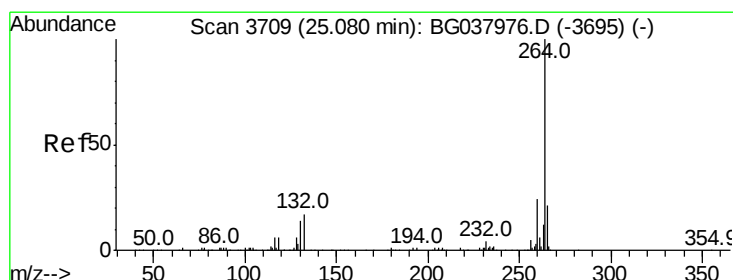
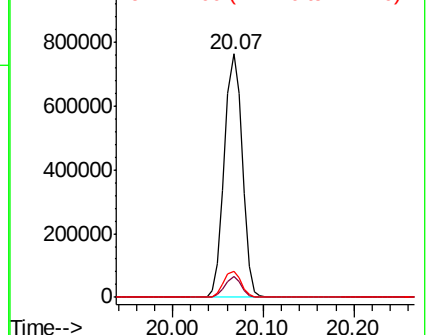
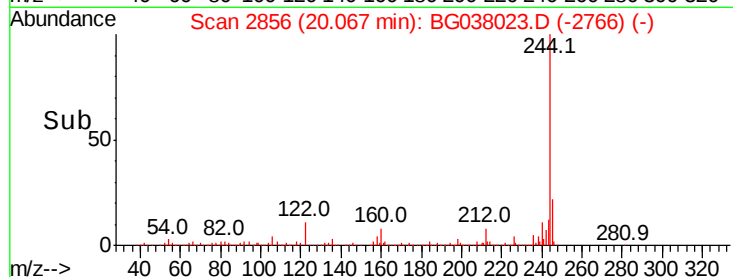


Abundance

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: 25.07 min Scan# 3707

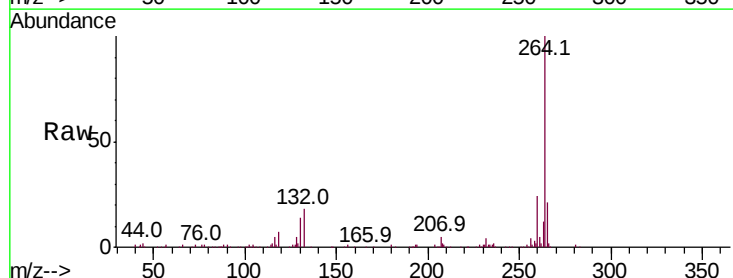
Delta R.T. -0.01 min

Lab File: BG038023.D

Acq: 15 Nov 2018 18:19

Tgt Ion:264 Resp: 273869

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.3	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

