

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038028.D
 Acq On : 15 Nov 2018 21:34
 Operator : JU/SJ
 Sample : J5767-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 06:53:05 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

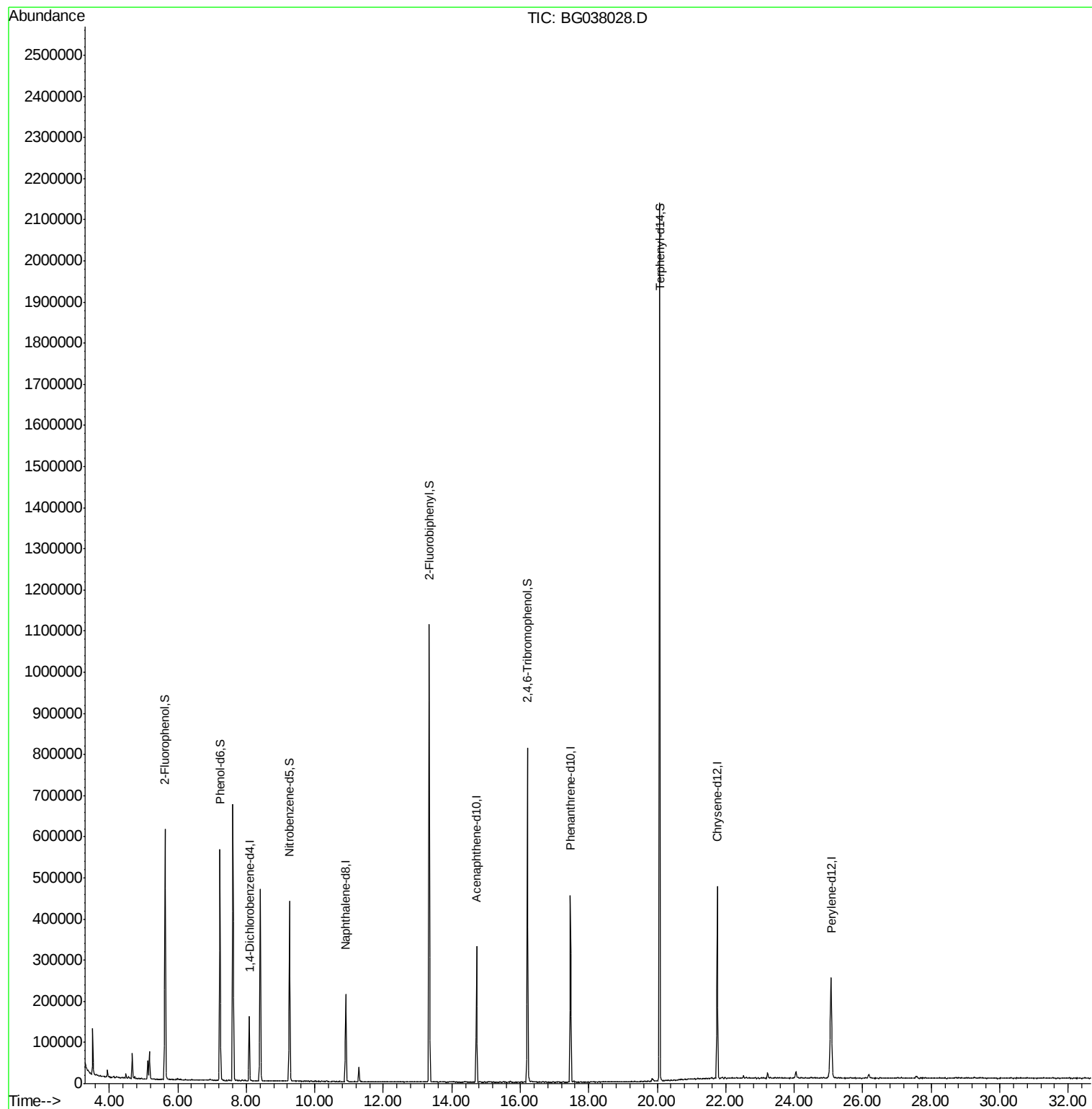
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45786	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	191331	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	121105	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	297459	20.00	ng	0.00
76) Chrysene-d12	21.75	240	280108	20.00	ng	0.00
87) Perylene-d12	25.07	264	283403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	279538	105.41	ng	0.00
7) Phenol-d6	7.23	99	342428	90.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	272053	76.11	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	144189	104.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	612861	73.73	ng	0.00
79) Terphenyl-d14	20.07	244	993374	83.45	ng	0.00

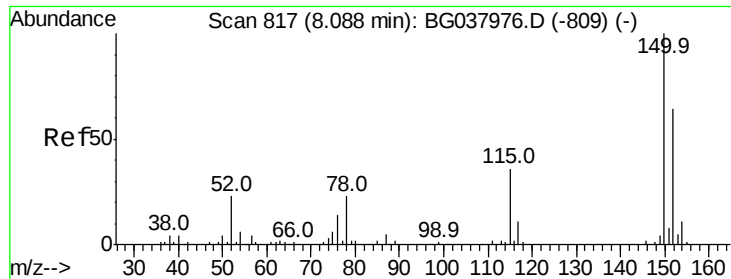
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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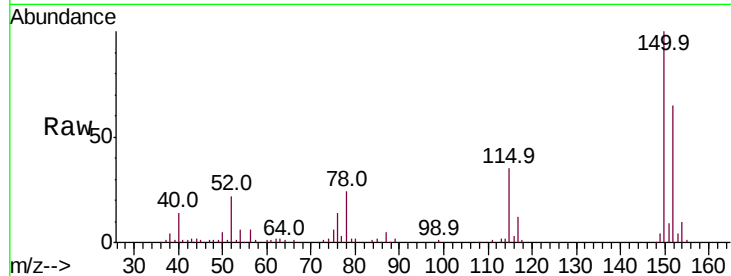




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038028.D
Acq: 15 Nov 2018 21:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.0	189.0
115	53.4	45.5	68.3

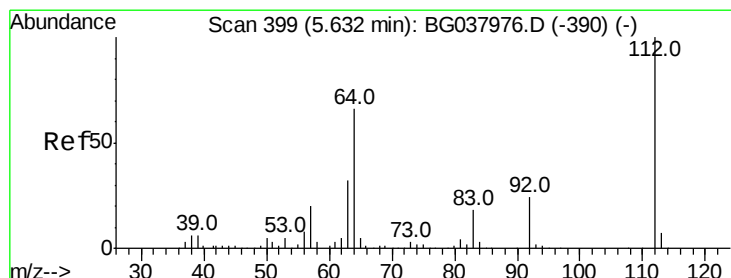
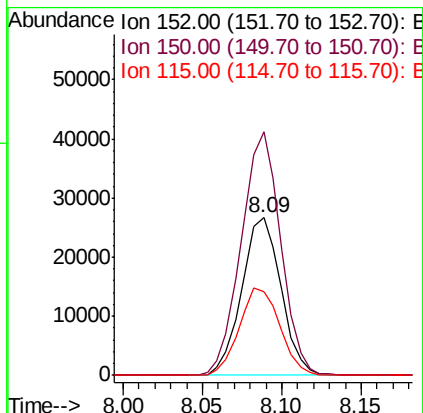
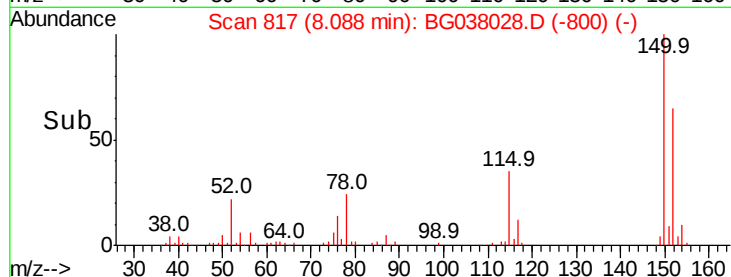


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

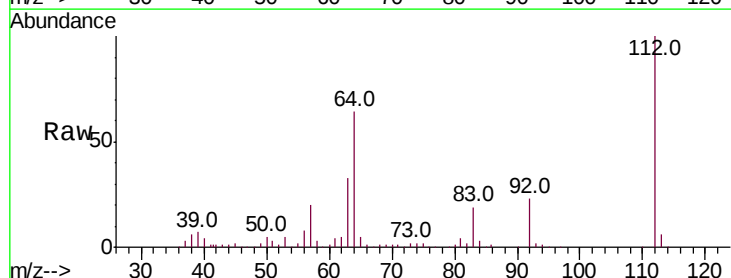
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.412 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038028.D
Acq: 15 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	53.1	79.7
63	32.8	27.3	40.9

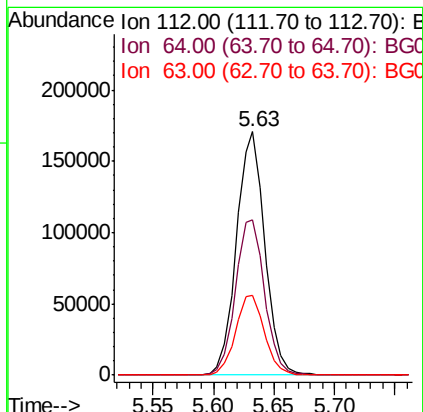
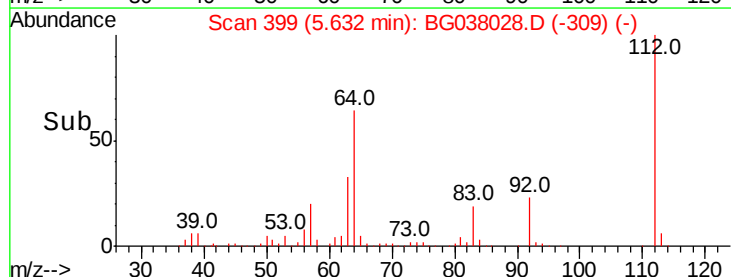


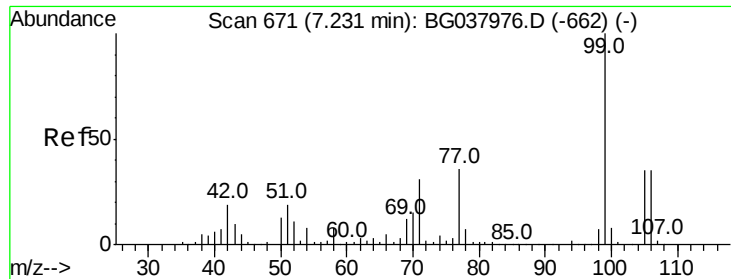
Abundance

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: 90.461 ng

RT: 7.23 min Scan# 671

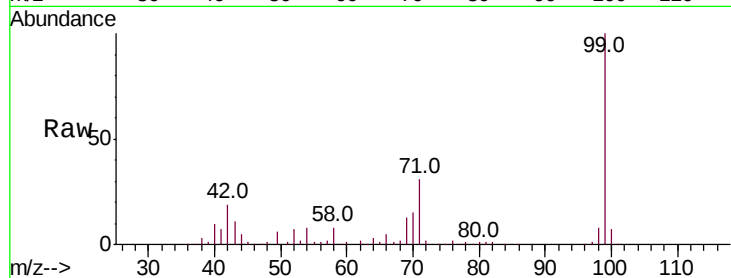
Delta R.T. -0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tot Ion: 99 Resp: 342428

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	31.4	25.5	38.3

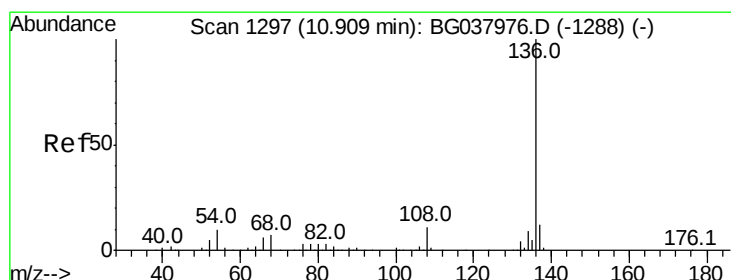
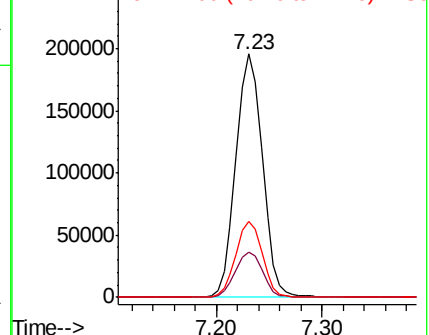
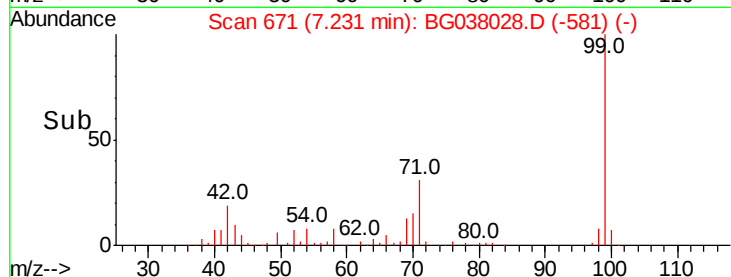


Abundance

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

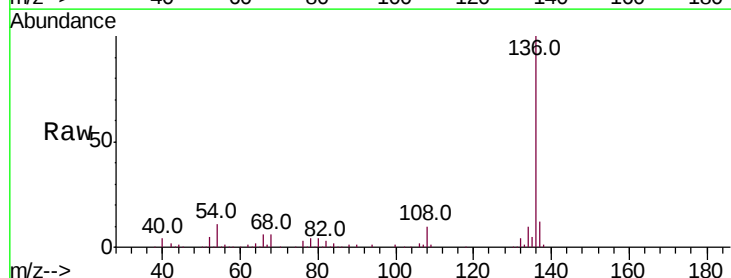
Delta R.T. -0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tgt Ion: 136 Resp: 191331

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.8	7.9	11.9
68	6.1	4.8	7.2



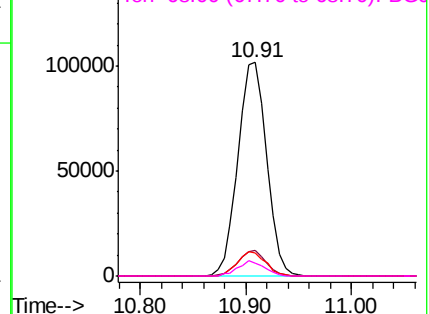
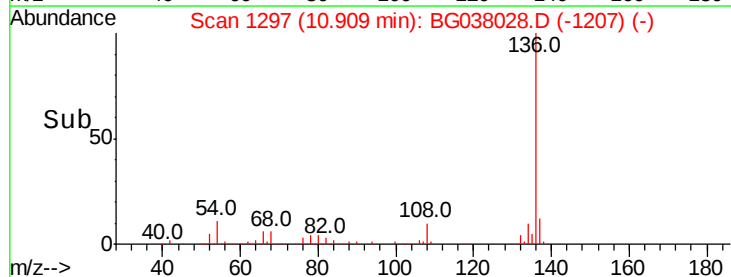
Abundance

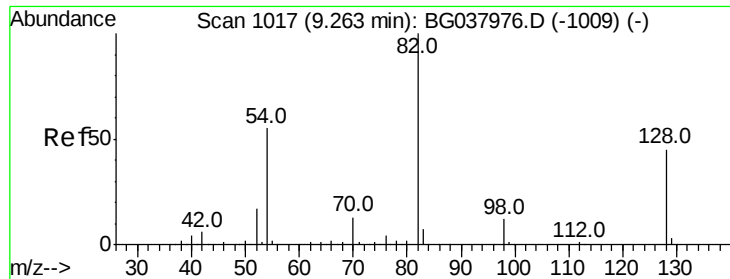
Ion 136.00 (135.70 to 136.70): BGC

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: 76.115 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

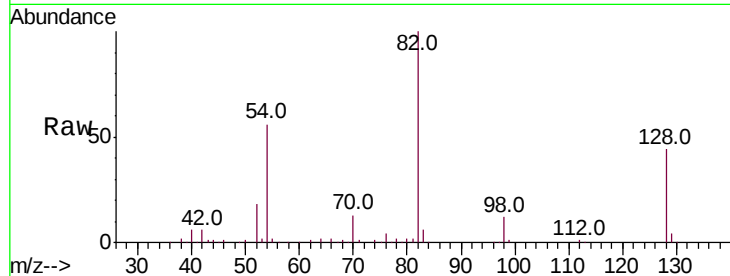
Tot Ion: 82 Resp: 272053

Ion Ratio Lower Upper

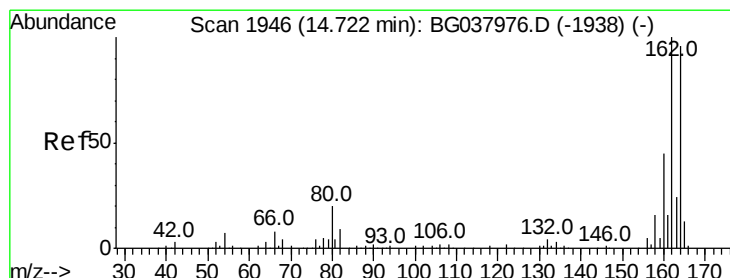
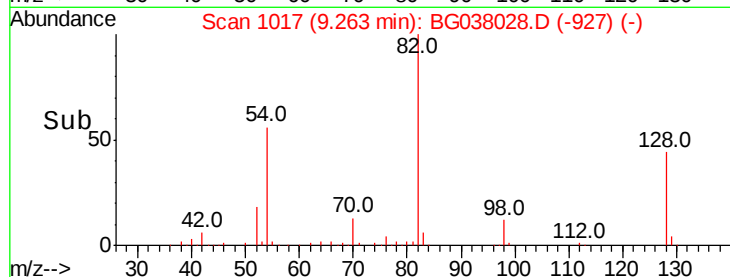
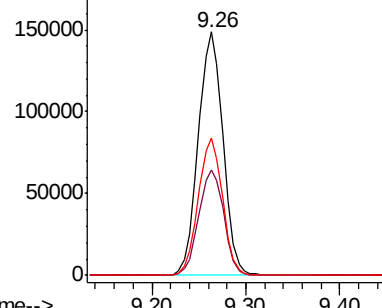
82 100

128 43.5 34.6 51.8

54 56.2 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000 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: BG038028.D

Acq: 15 Nov 2018 21:34

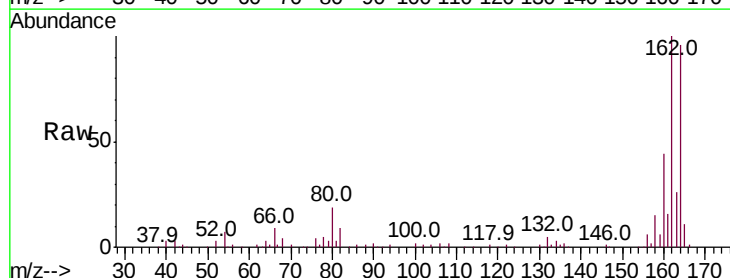
Tgt Ion:164 Resp: 121105

Ion Ratio Lower Upper

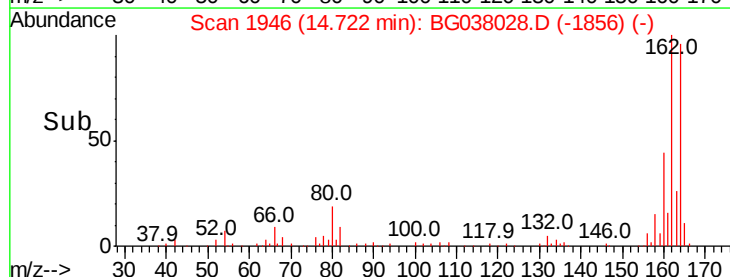
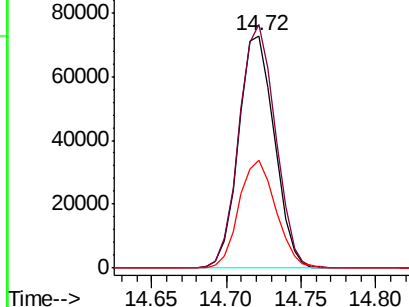
164 100

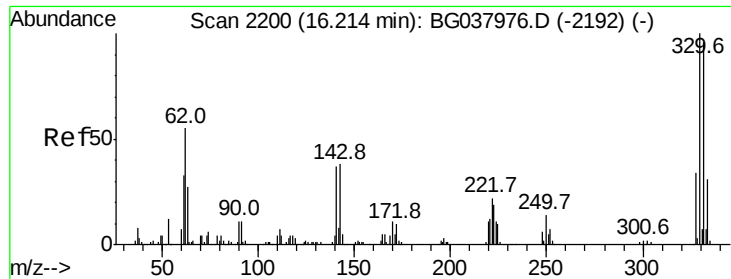
162 104.6 81.3 121.9

160 46.2 36.3 54.5



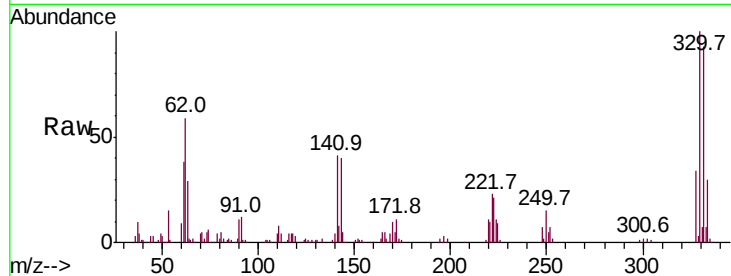
Abundance Ion 164.00 (163.70 to 164.70): BGC
100000 Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



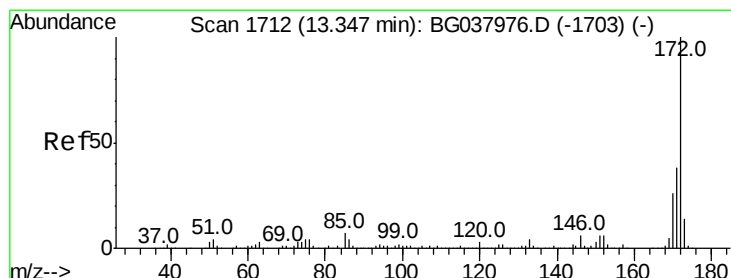
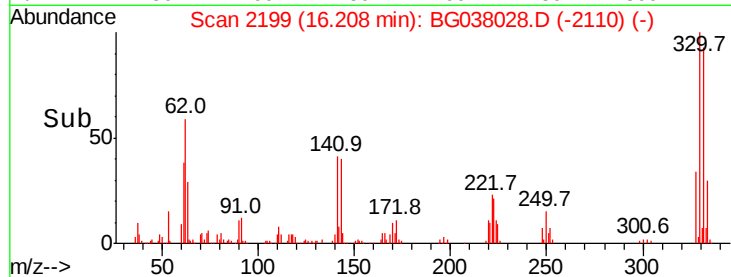
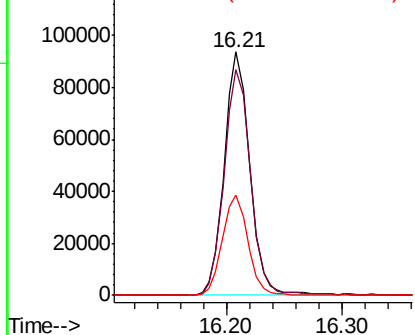


#42
 2,4,6-Tribromophenol
 Concen: 104.396 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038028.D
 Acq: 15 Nov 2018 21:34

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	41.4	32.2	48.2

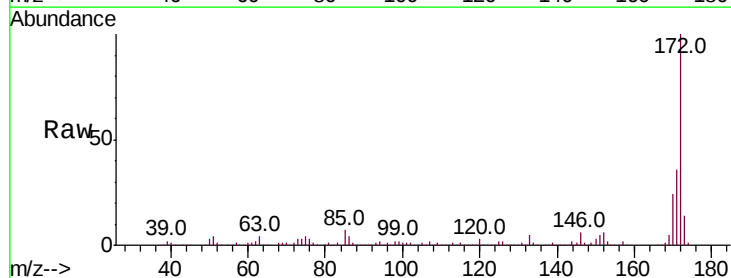


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

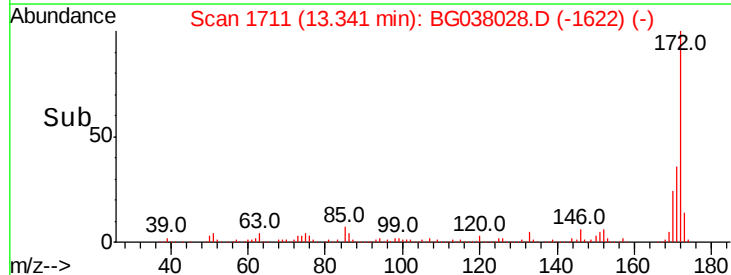
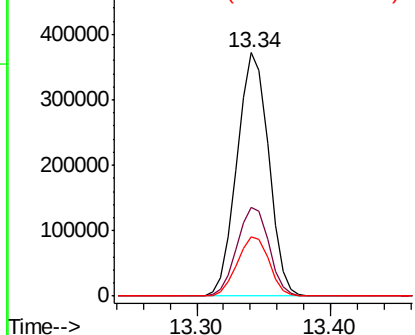


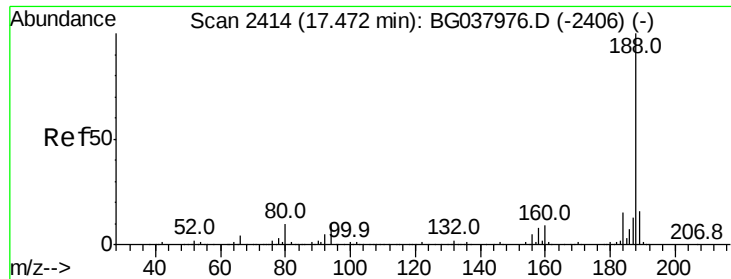
#45
 2-Fluorobiphenyl
 Concen: 73.725 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038028.D
 Acq: 15 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	24.3	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. -0.01 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

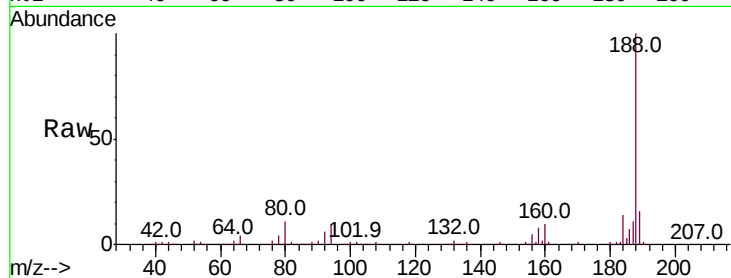
Tot Ion:188 Resp: 297459

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.47

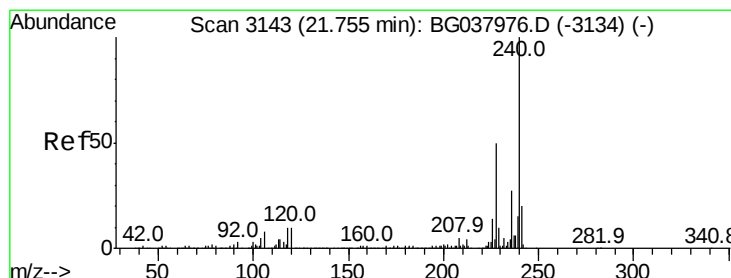
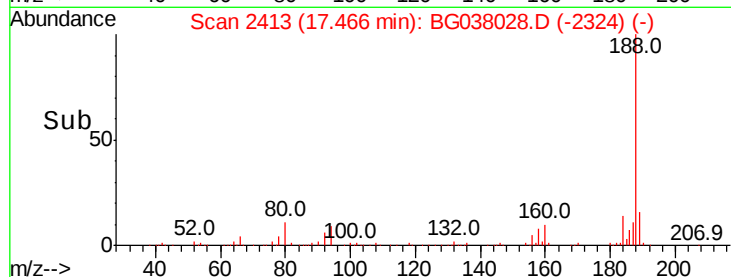
150000

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

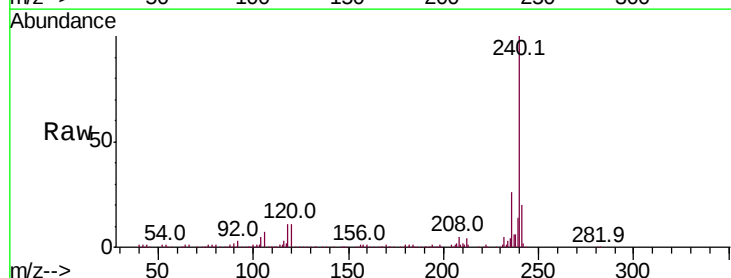
Tgt Ion:240 Resp: 280108

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

236 26.3 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

21.75

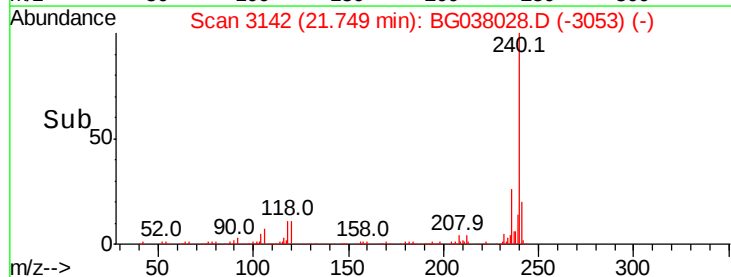
150000

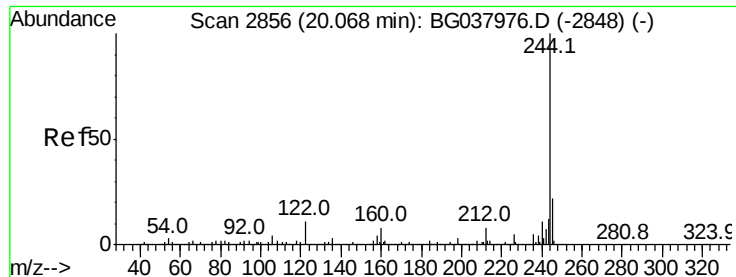
100000

50000

0

Time-->





#79

Terphenyl-d14

Concen: 83.447 ng

RT: 20.07 min Scan# 2856

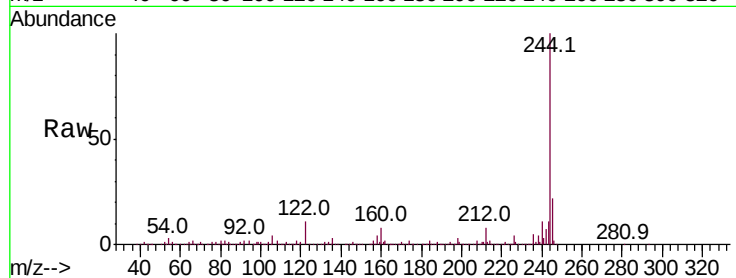
Delta R.T. 0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tot Ion:244 Resp: 993374

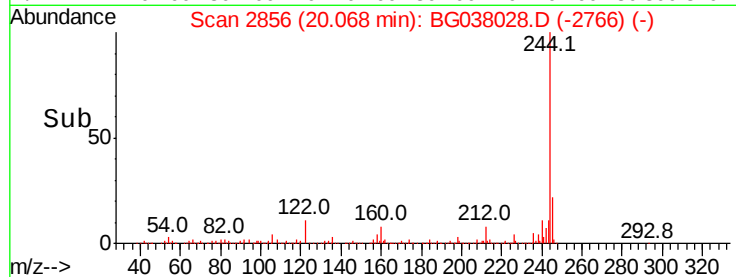
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.0	9.0	13.4



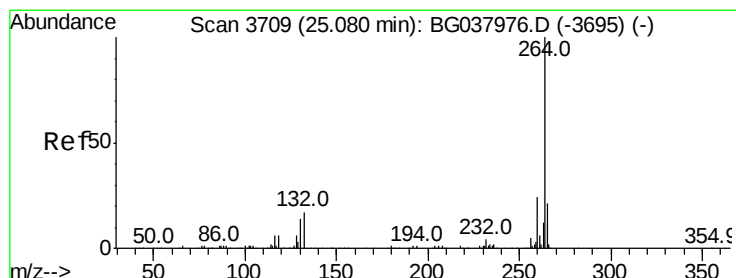
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

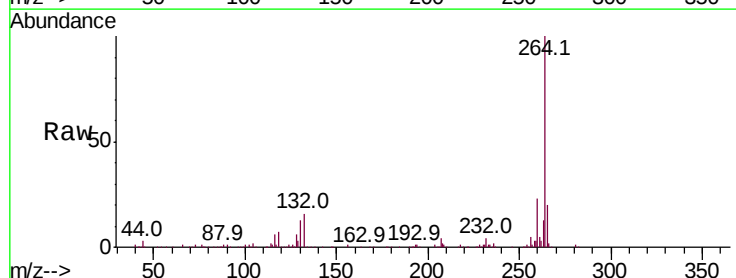
Delta R.T. -0.01 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tgt Ion:264 Resp: 283403

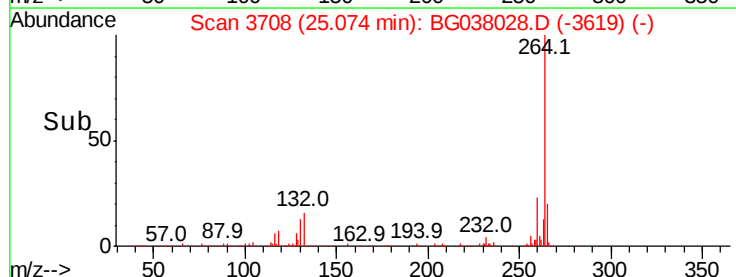
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.2	17.9	26.9



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



Time-->