

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034790.D
 Acq On : 29 May 2018 23:27
 Operator : SJ/JU
 Sample : J3166-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

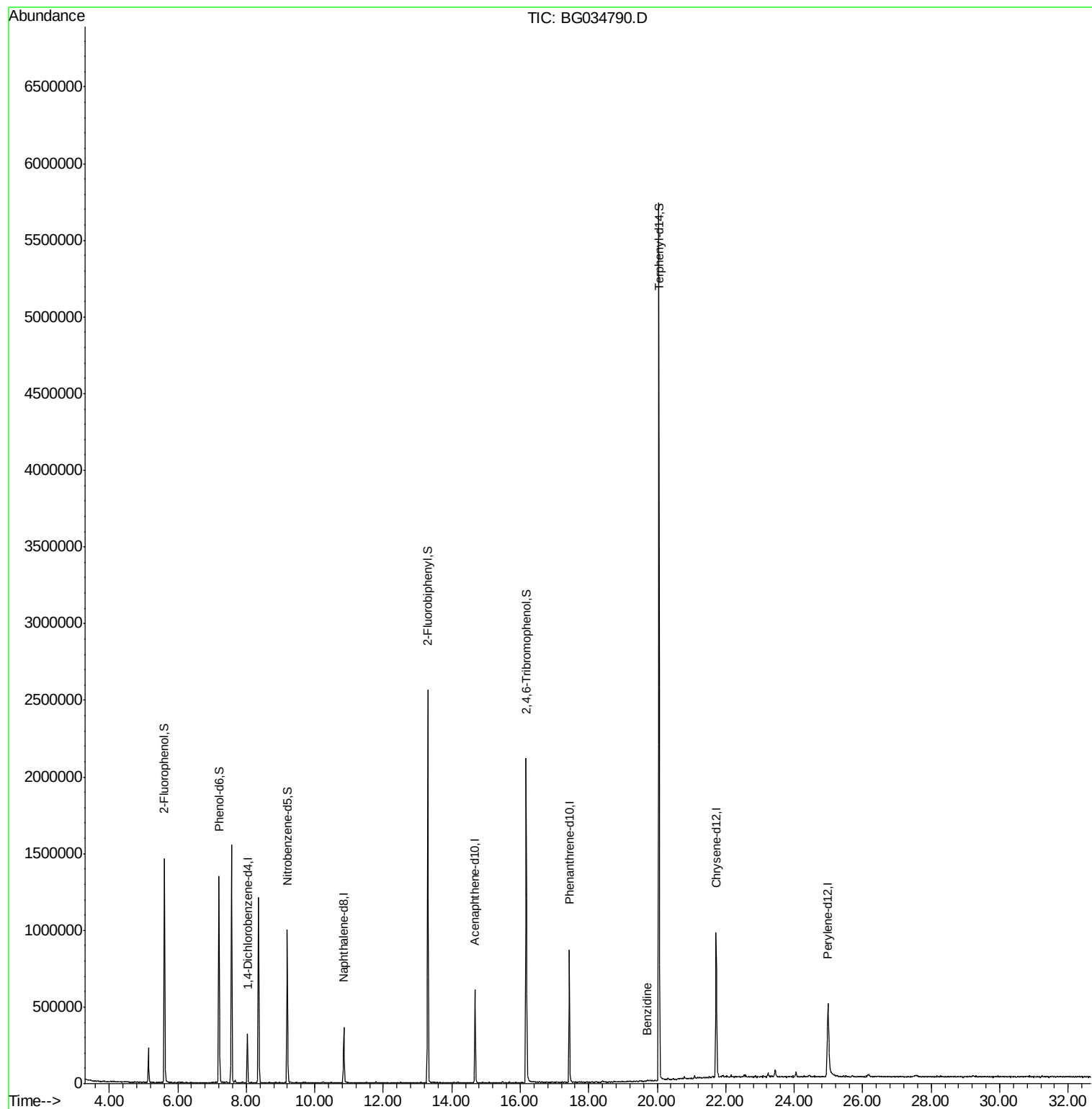
Quant Time: May 30 04:56:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

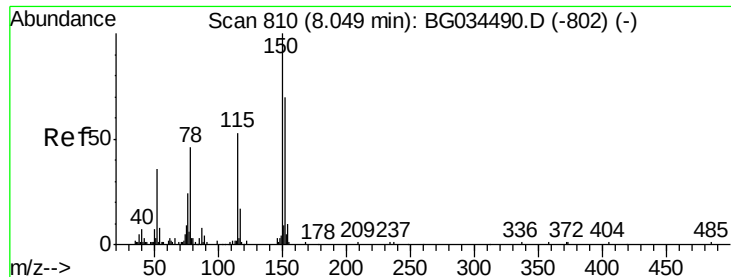
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	89569	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	312694	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	207451	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	560895	20.00	ng	0.00
75) Chrysene-d12	21.72	240	667701	20.00	ng	-0.02
86) Perylene-d12	24.99	264	668677	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	686104	117.98	ng	0.00
7) Phenol-d6	7.20	99	869928	92.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	680815	83.17	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	472216	132.17	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1408955	92.21	ng	0.00
78) Terphenyl-d14	20.05	244	2810565	92.31	ng	-0.01
Target Compounds						
76) Benzidine	19.71	184	1445	3.499	ng	Qvalue # 81

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

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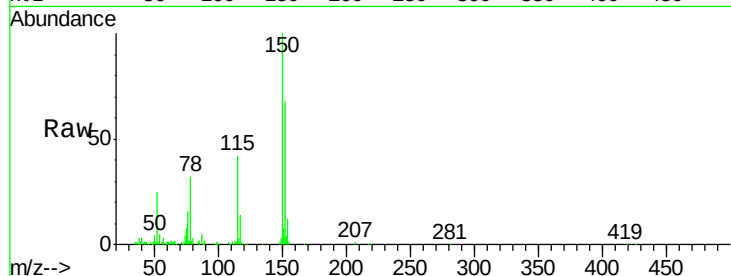




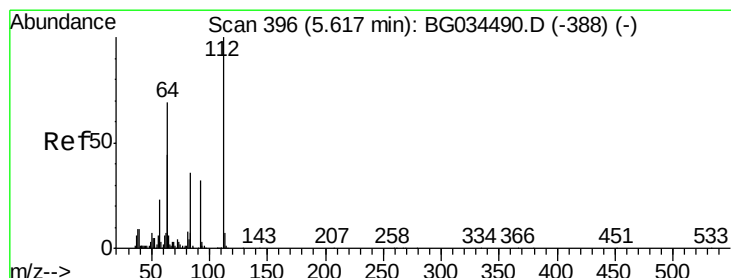
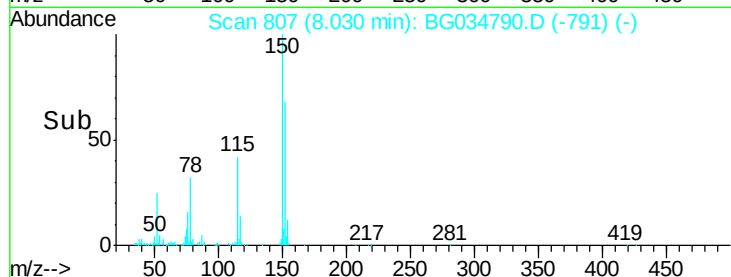
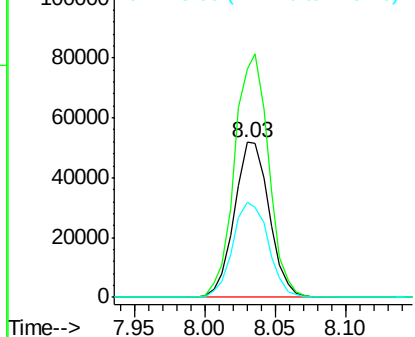
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG034790.D
Acq: 29 May 2018 23:27

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	61.4	53.0	79.4



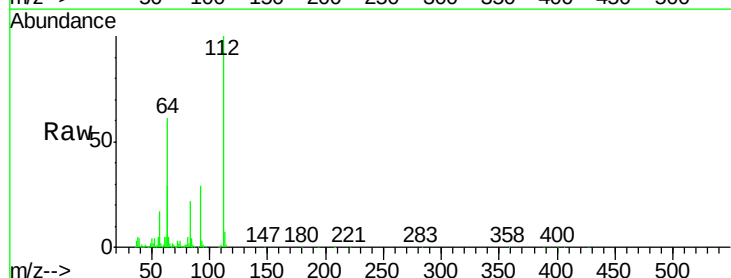
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



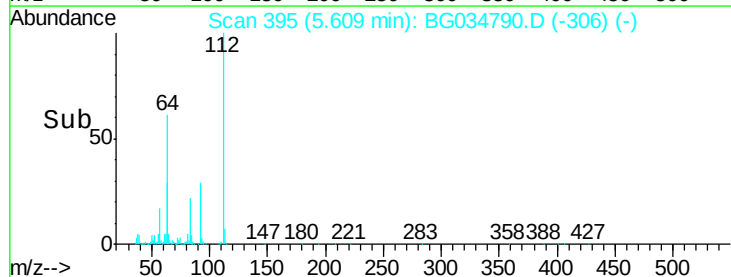
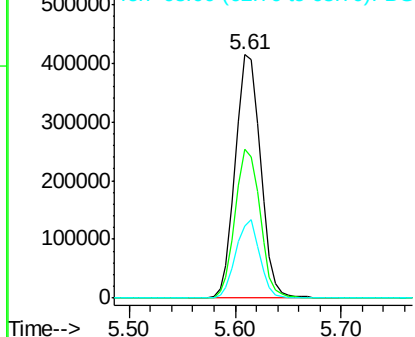
#5

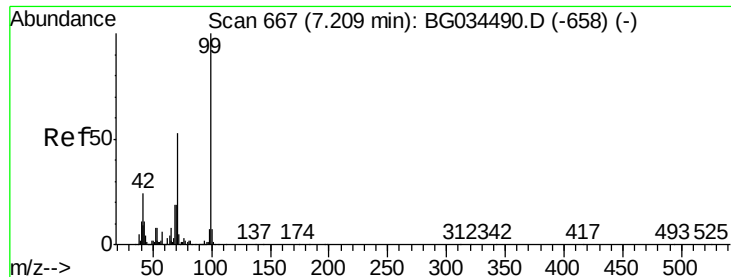
2-Fluorophenol
Concen: 117.982 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG034790.D
Acq: 29 May 2018 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	29.5	30.1	45.1



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: 92.473 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

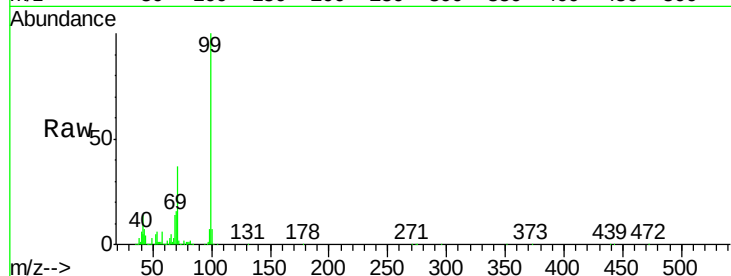
Tot Ion: 99 Resp: 869928

Ion Ratio Lower Upper

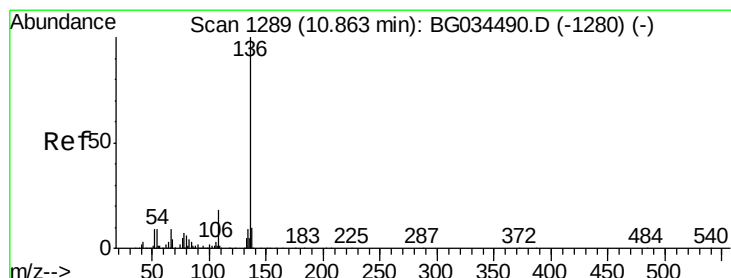
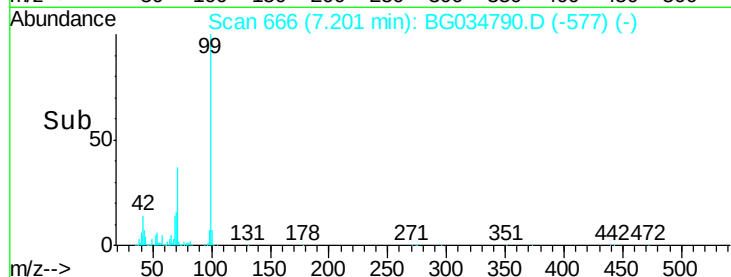
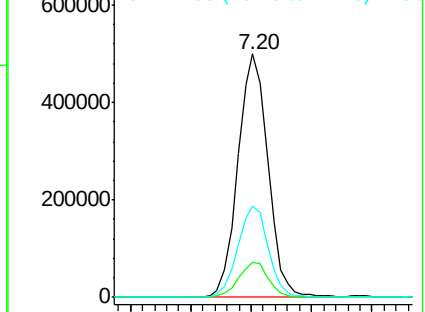
99 100

42 14.3 14.1 21.1

71 37.5 26.1 39.1



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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

Tgt Ion: 136 Resp: 312694

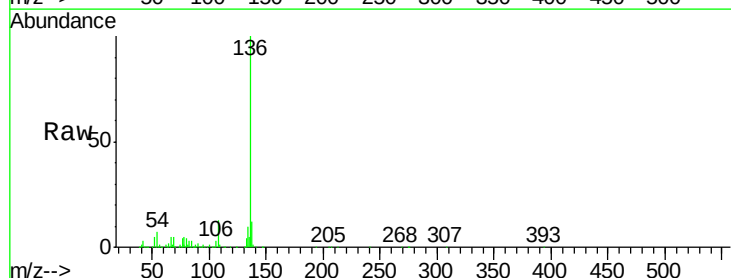
Ion Ratio Lower Upper

136 100

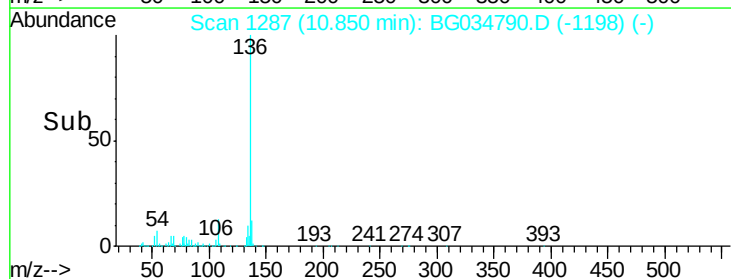
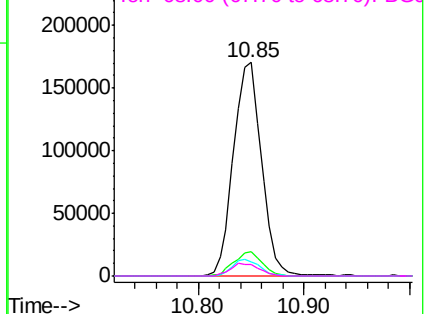
137 11.6 9.2 13.8

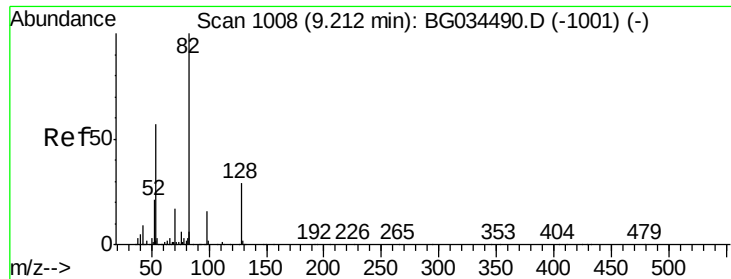
54 6.6 10.3 15.5#

68 5.4 4.5 6.7



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: 83.172 ng

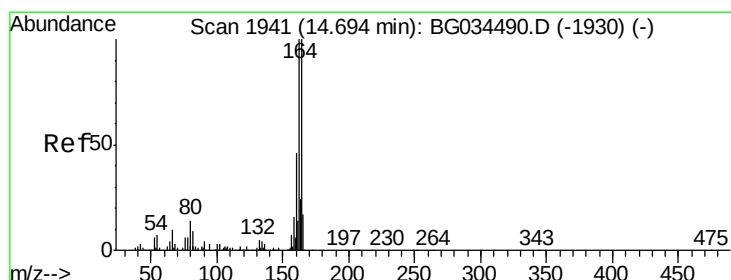
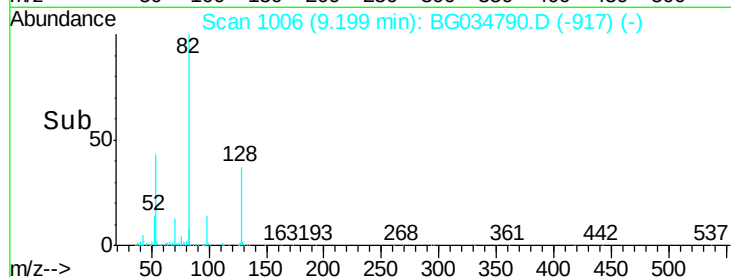
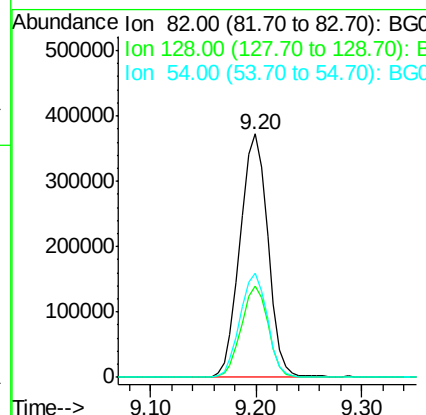
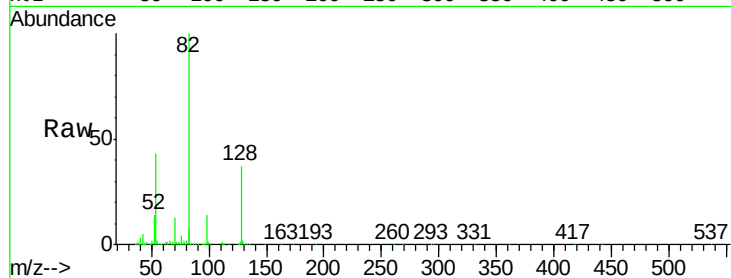
RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

Tot Ion:	82	Resp:	680815
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.7	44.5
54	43.0	43.1	64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

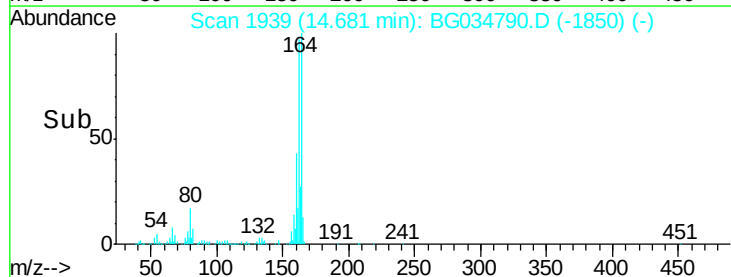
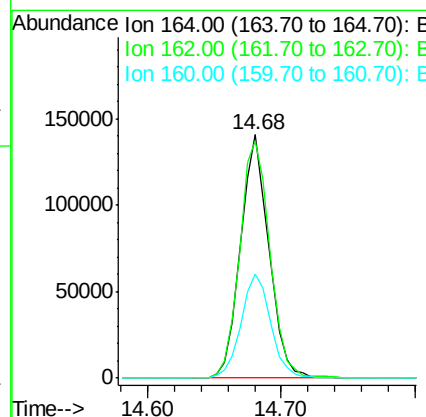
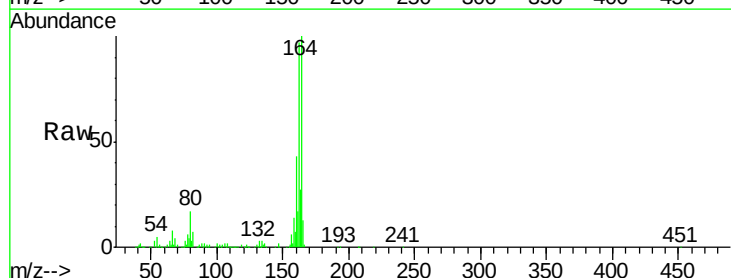
RT: 14.68 min Scan# 1939

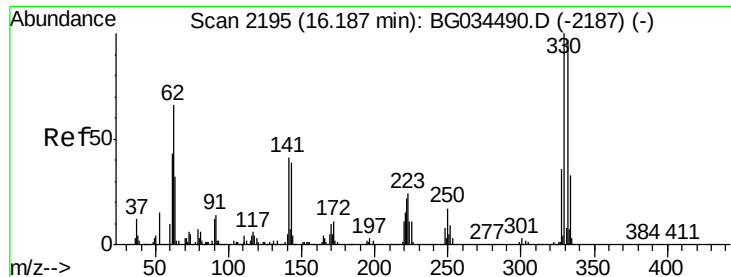
Delta R.T. -0.01 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

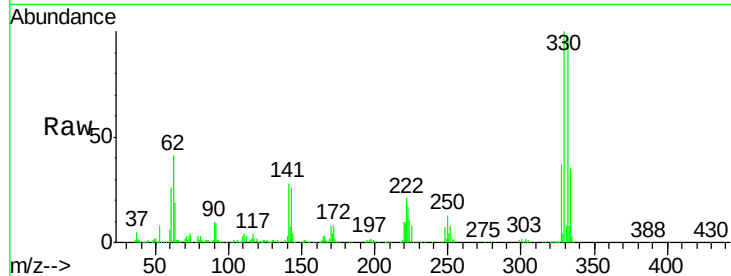
Tgt Ion:	164	Resp:	207451
Ion	Ratio	Lower	Upper
164	100		
162	97.3	78.8	118.2
160	42.5	35.4	53.0



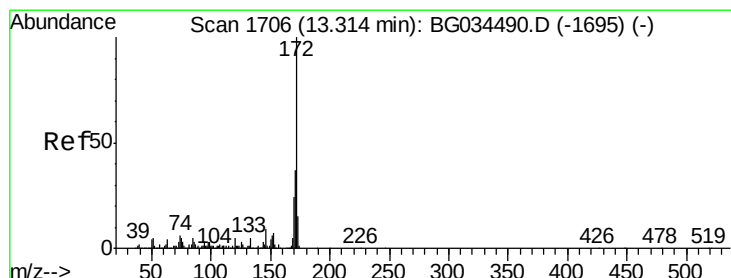
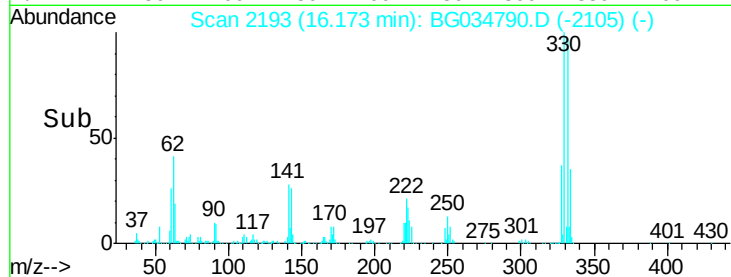
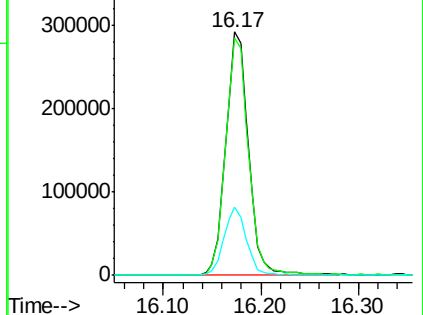


#41
 2,4,6-Tribromophenol
 Concen: 132.167 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG034790.D
 Acq: 29 May 2018 23:27

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	27.7	25.2	37.8

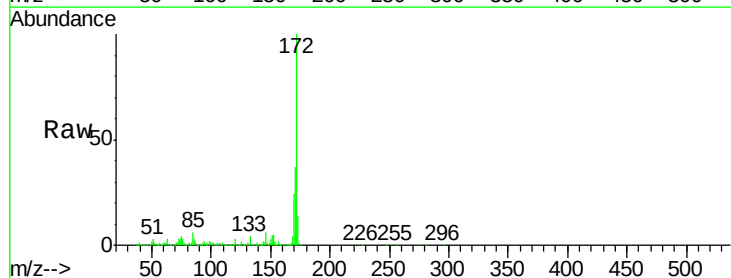


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

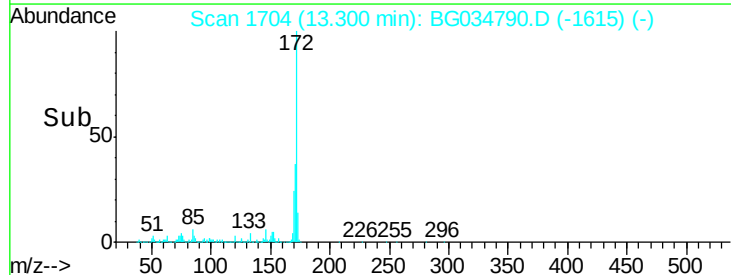
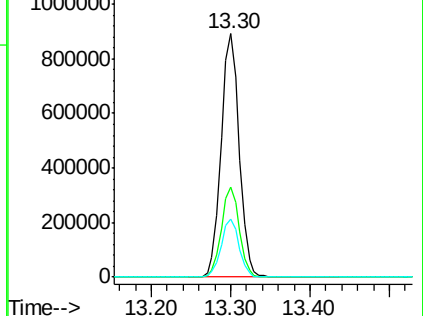


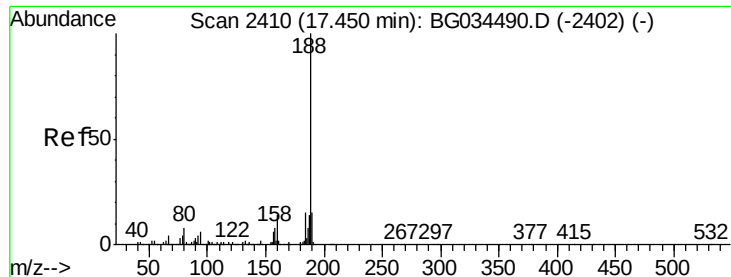
#44
 2-Fluorobiphenyl
 Concen: 92.206 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG034790.D
 Acq: 29 May 2018 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.8	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

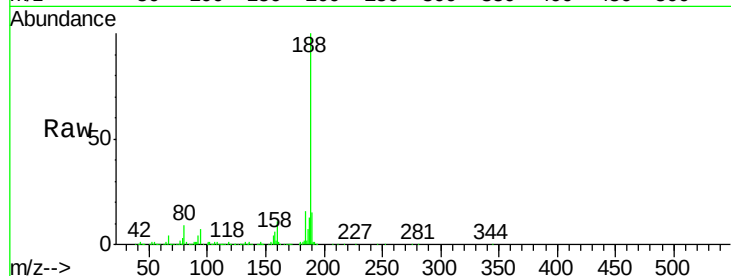
Tot Ion:188 Resp: 560895

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

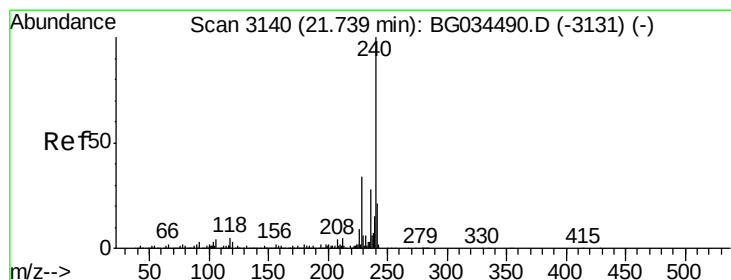
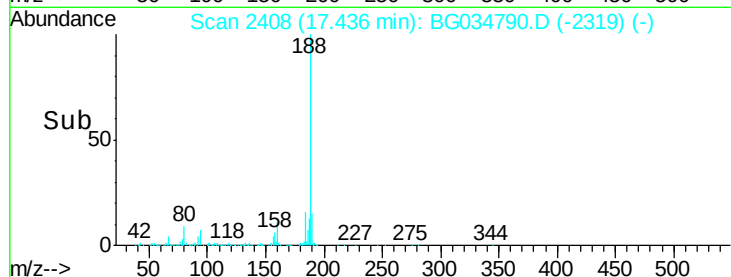
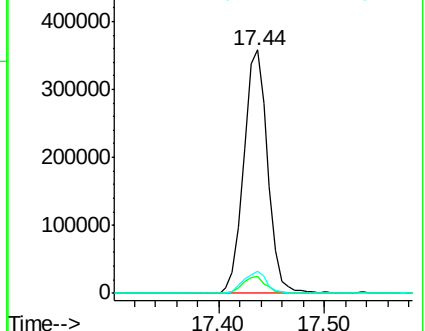
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

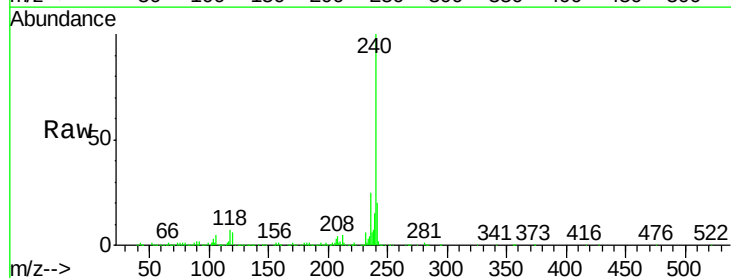
Tgt Ion:240 Resp: 667701

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

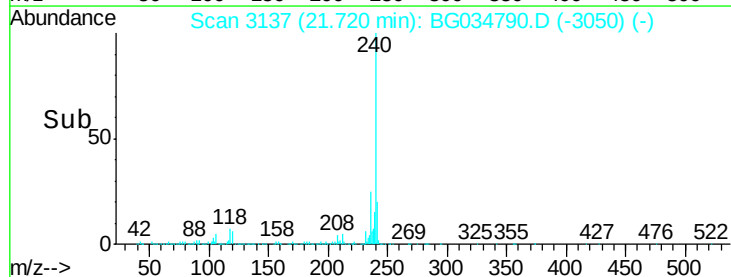
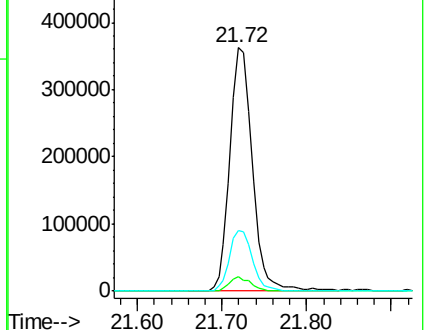
236 25.1 20.9 31.3

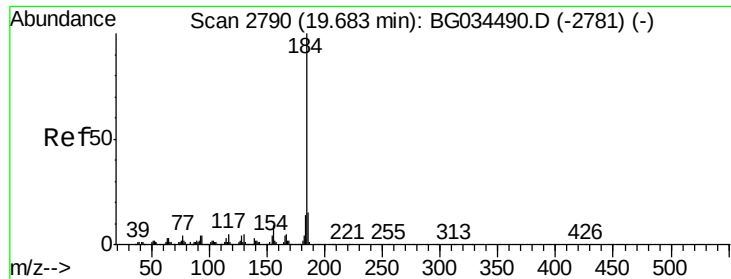


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.499 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.03 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

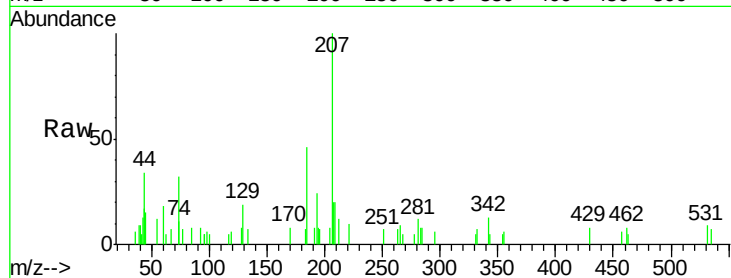
Tot Ion:184 Resp: 1445

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

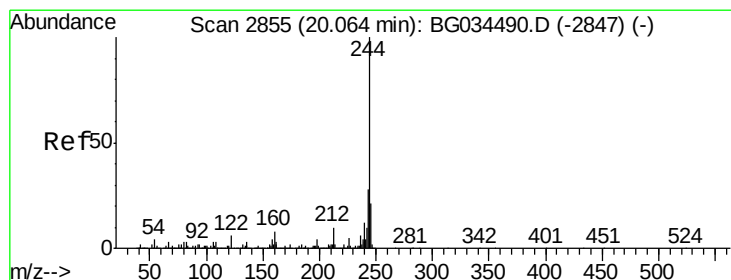
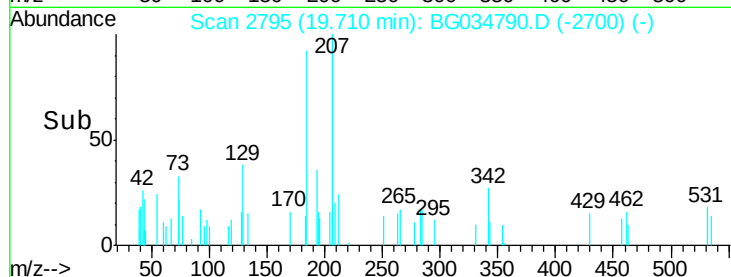
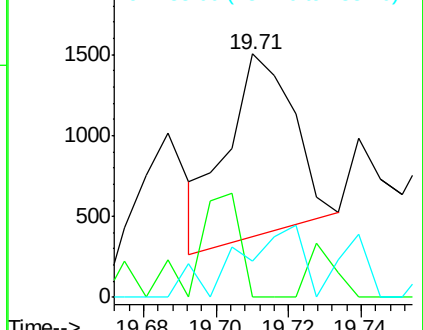
183 14.7 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 92.309 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034790.D

Acq: 29 May 2018 23:27

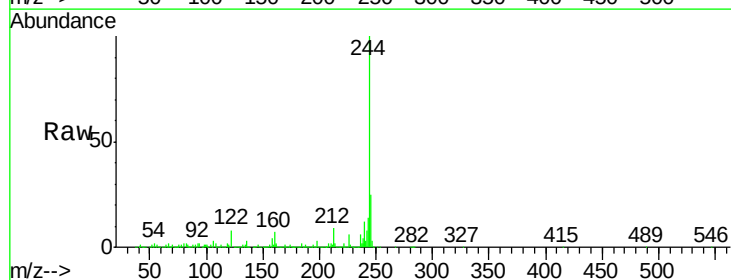
Tgt Ion:244 Resp: 2810565

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

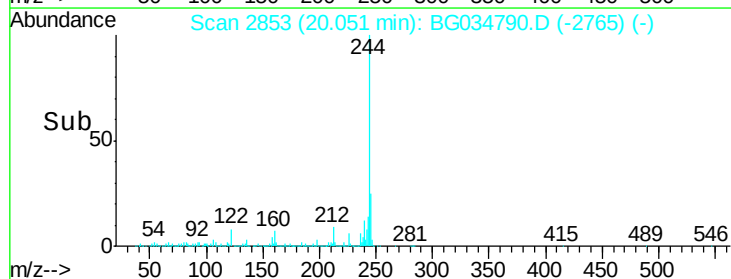
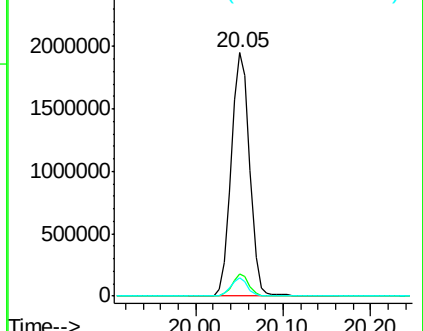
122 7.6 7.0 10.4

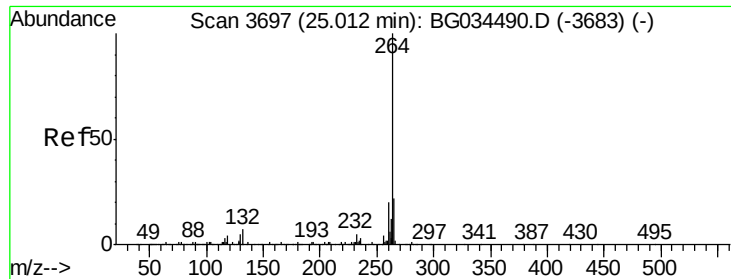


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

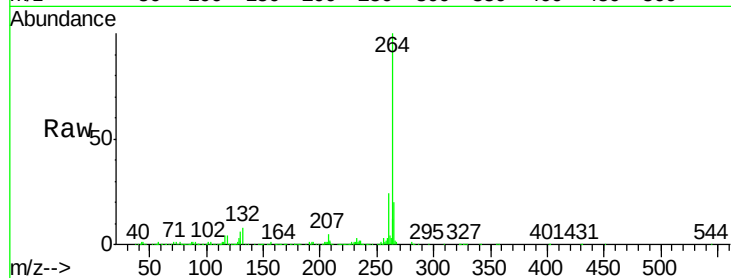
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG034790.D
Acq: 29 May 2018 23:27

Tot Ion:	264	Resp:	668677
Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	19.6	17.7	26.5



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

