

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034794.D
 Acq On : 30 May 2018 2:01
 Operator : SJ/JU
 Sample : J3177-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

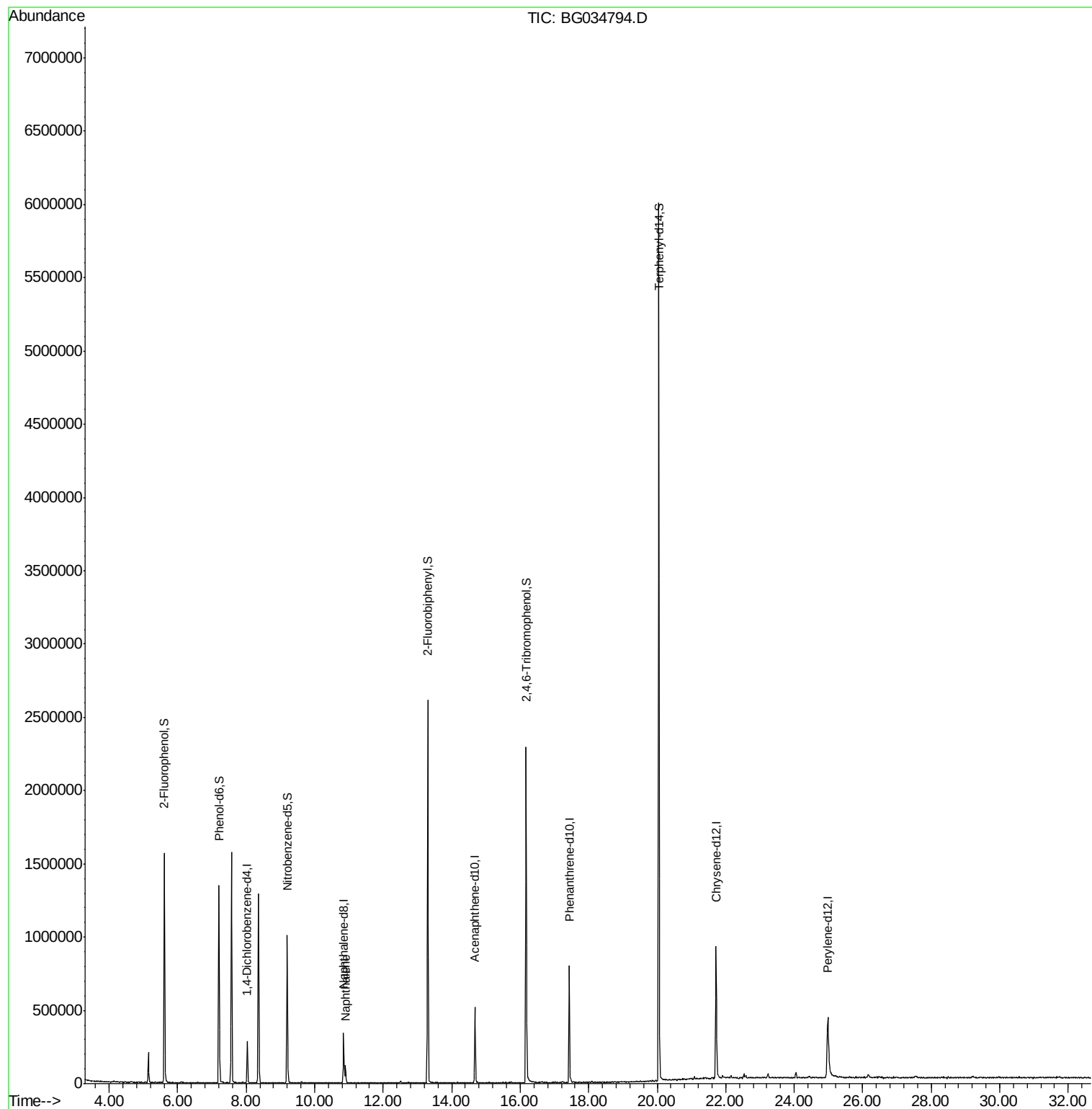
Quant Time: May 30 05:00:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

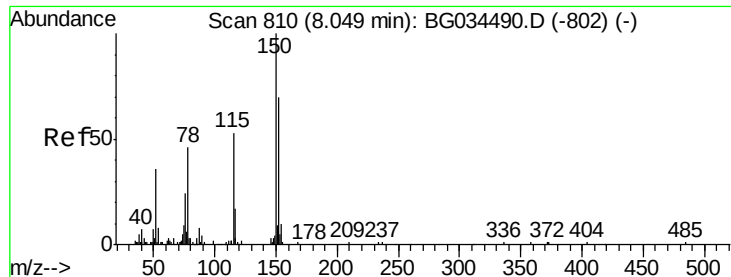
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80564	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	283482	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	193682	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	515546	20.00	ng	0.00
75) Chrysene-d12	21.72	240	626514	20.00	ng	-0.02
86) Perylene-d12	24.98	264	596958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	711154	135.96	ng	0.00
7) Phenol-d6	7.20	99	878145	103.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	696728	93.89	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	508541	152.45	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1453998	101.92	ng	0.00
78) Terphenyl-d14	20.05	244	2880434	100.82	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	97795	6.635	ng	Qvalue # 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

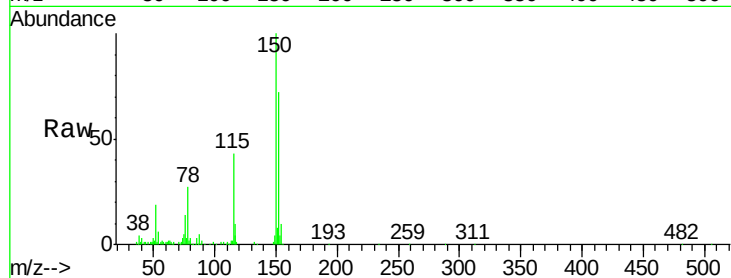
Tot Ion:152 Resp: 80564

Ion Ratio Lower Upper

152 100

150 139.3 126.6 189.8

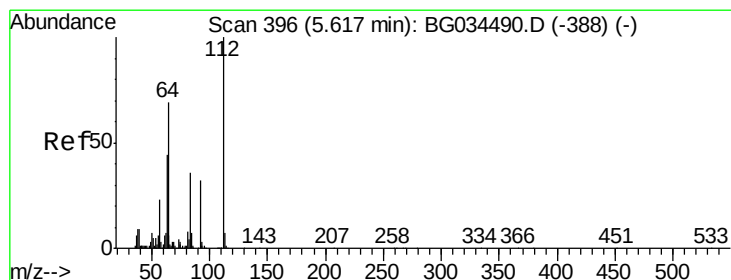
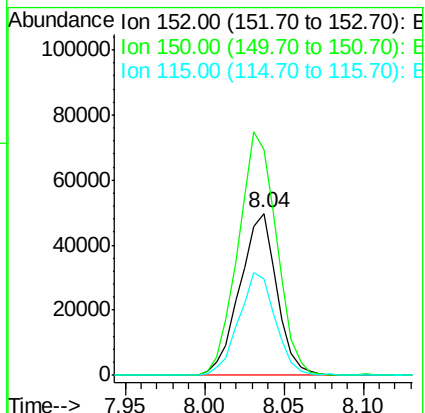
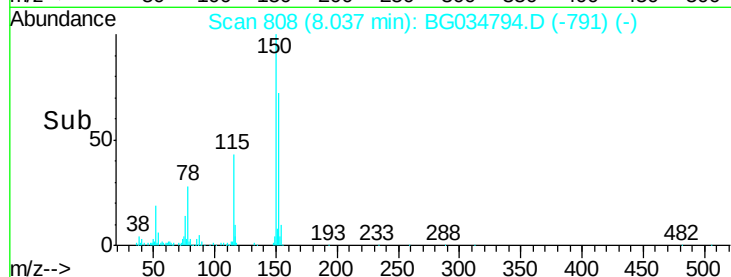
115 59.2 53.0 79.4



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: 135.959 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

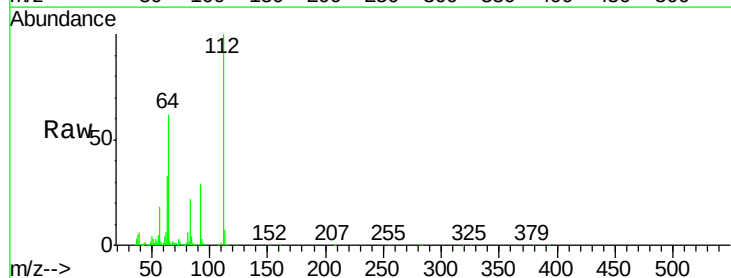
Tgt Ion:112 Resp: 711154

Ion Ratio Lower Upper

112 100

64 61.9 56.3 84.5

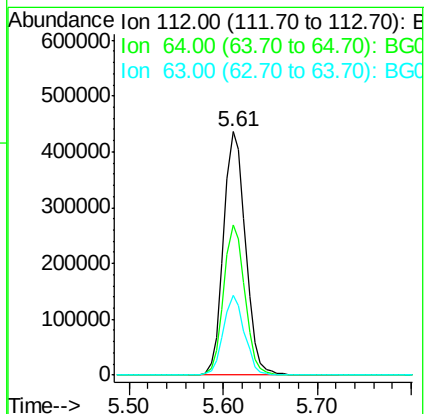
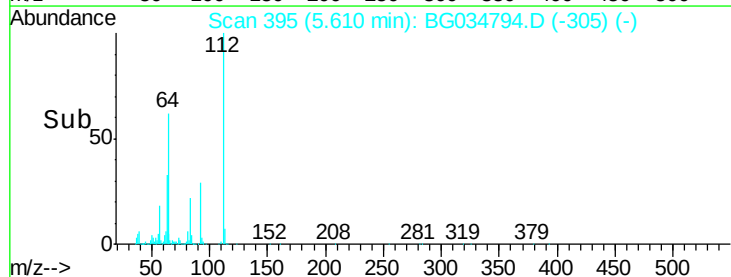
63 32.9 30.1 45.1

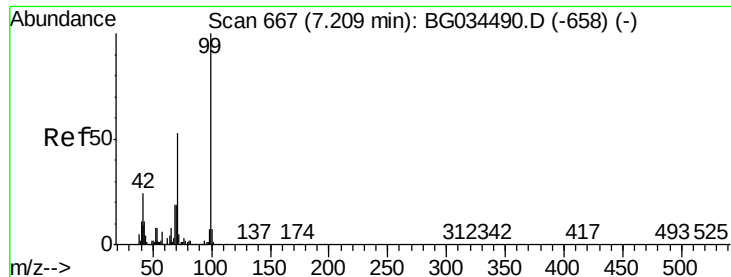


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.781 ng

RT: 7.20 min Scan# 666

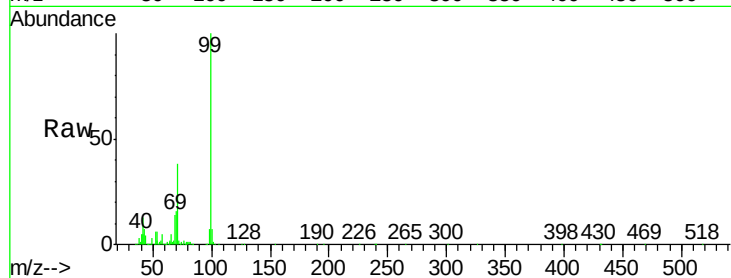
Delta R.T. -0.00 min

Lab File: BG034794.D

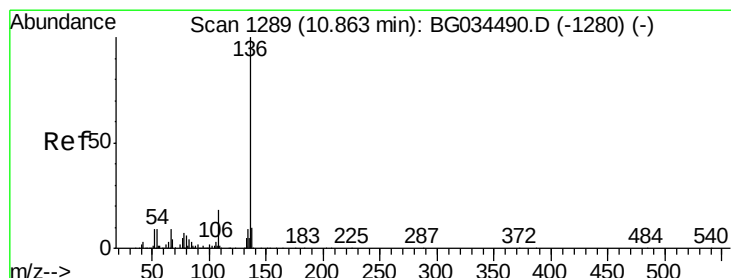
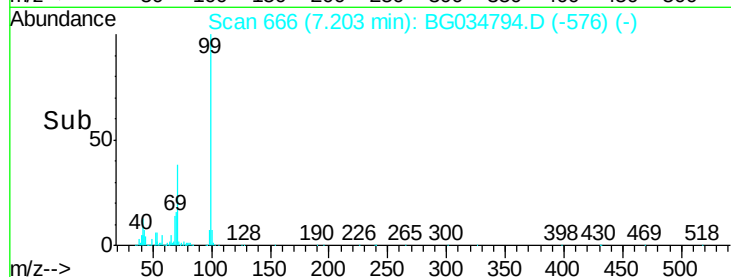
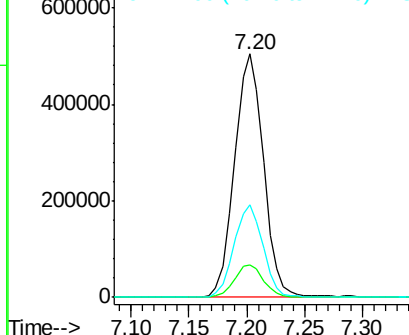
Acq: 30 May 2018 2:01

Tot Ion: 99 Resp: 878145

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	38.1	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# 1286

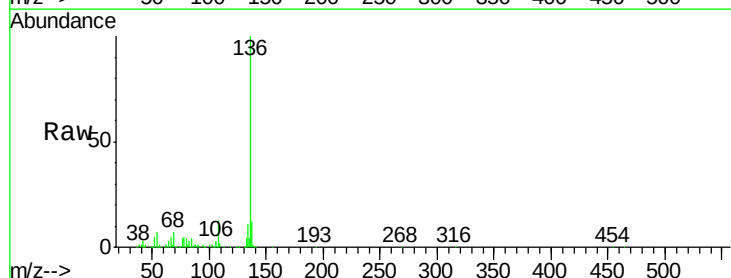
Delta R.T. -0.01 min

Lab File: BG034794.D

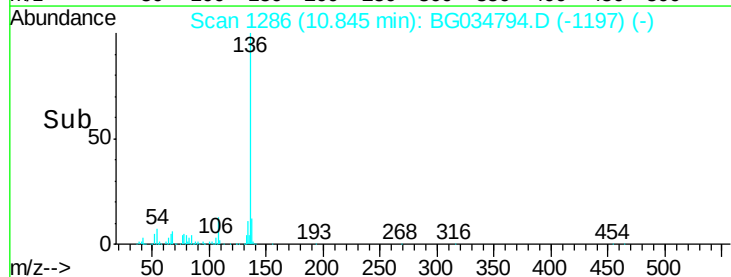
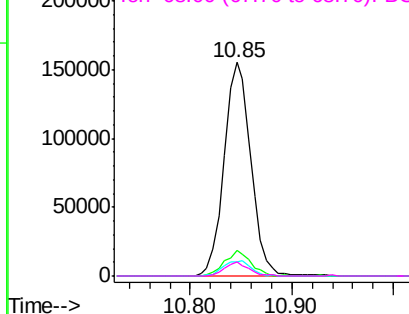
Acq: 30 May 2018 2:01

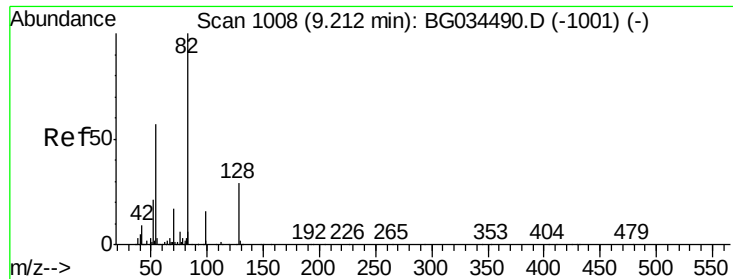
Tgt Ion: 136 Resp: 283482

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	6.9	10.3	15.5#
68	6.6	4.5	6.7



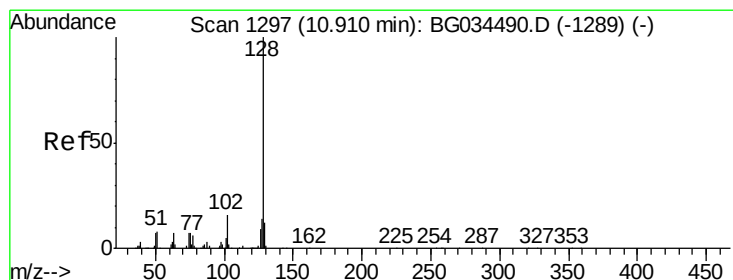
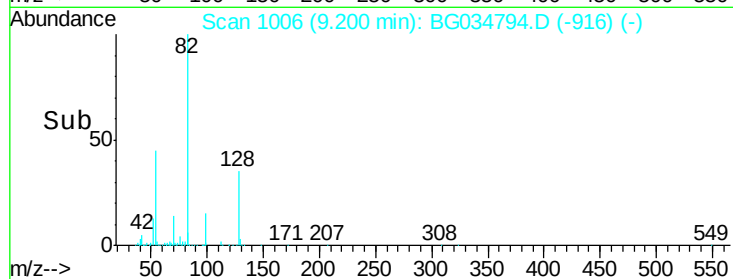
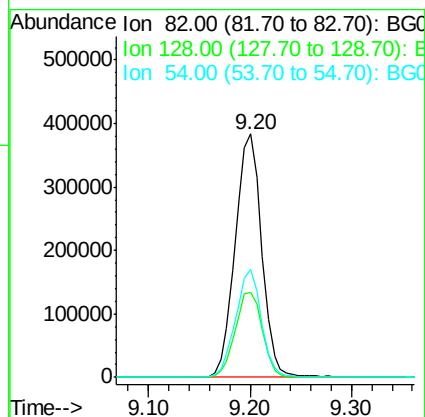
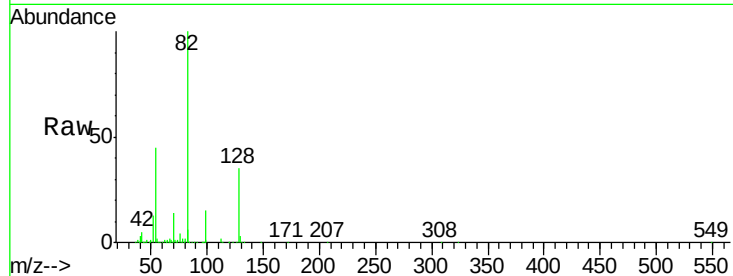
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





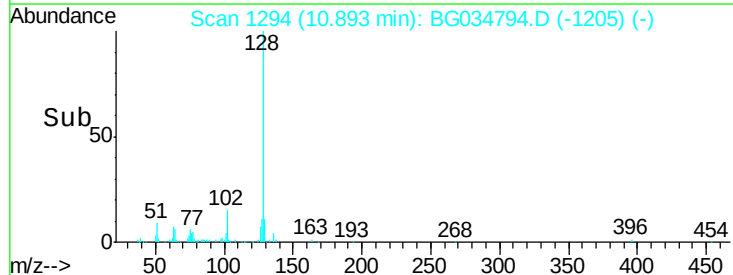
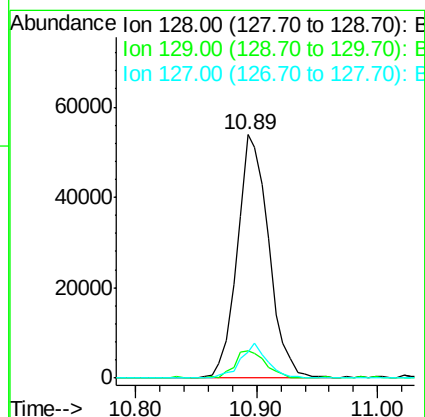
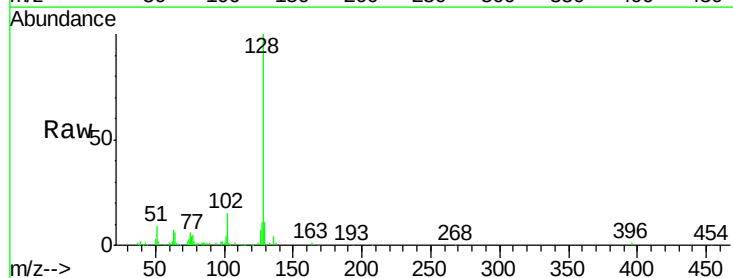
#23
 Nitrobenzene-d5
 Concen: 93.887 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG034794.D
 Acq: 30 May 2018 2:01

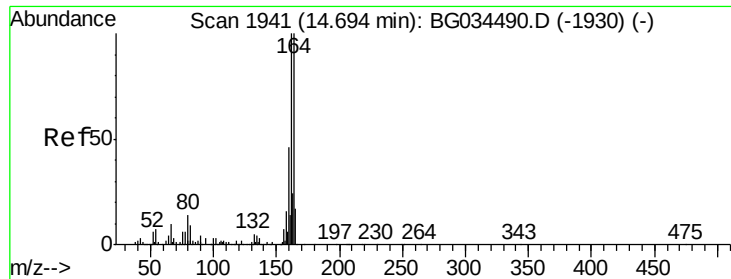
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	44.5	43.1	64.7



#31
 Naphthalene
 Concen: 6.635 ng
 RT: 10.89 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG034794.D
 Acq: 30 May 2018 2:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	10.8	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

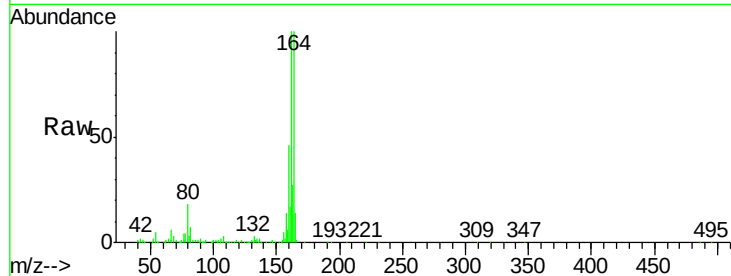
Delta R.T. -0.00 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

Tot Ion:164 Resp: 193682

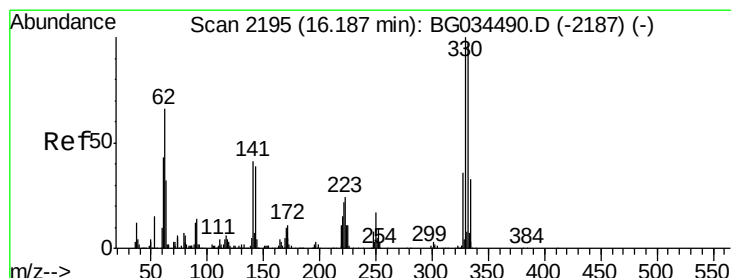
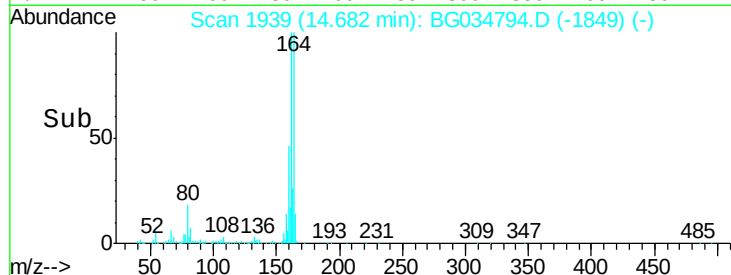
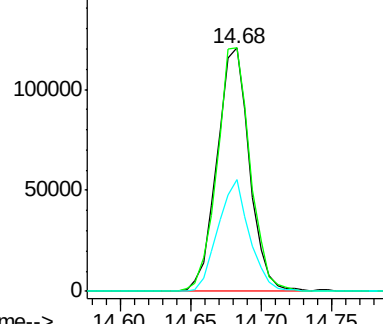
Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	46.0	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 152.453 ng

RT: 16.17 min Scan# 2193

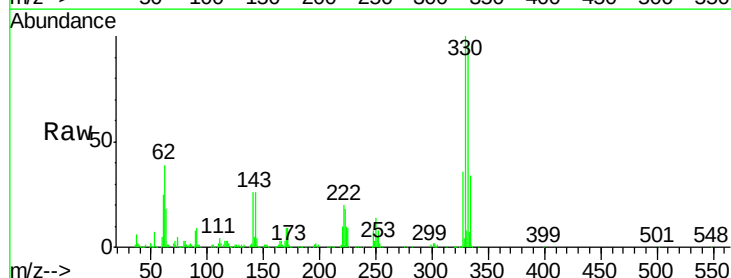
Delta R.T. -0.01 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

Tgt Ion:330 Resp: 508541

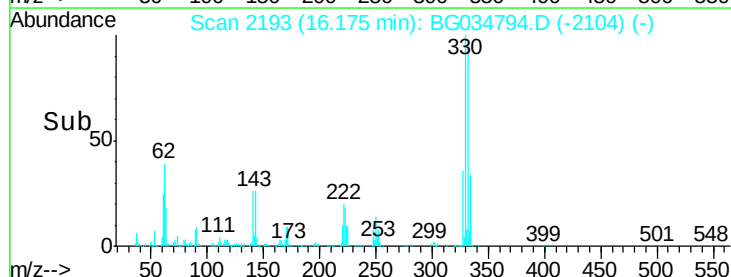
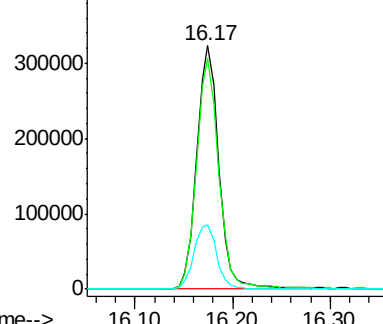
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	27.3	25.2	37.8

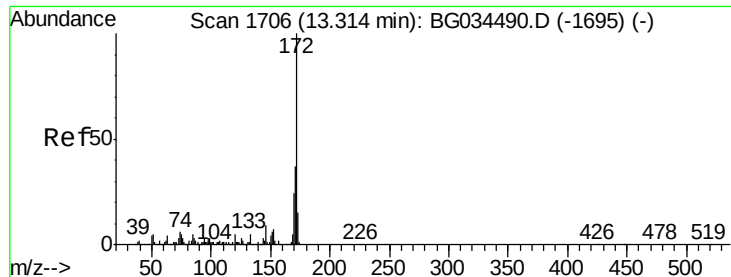


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.919 ng

RT: 13.30 min Scan# 1704

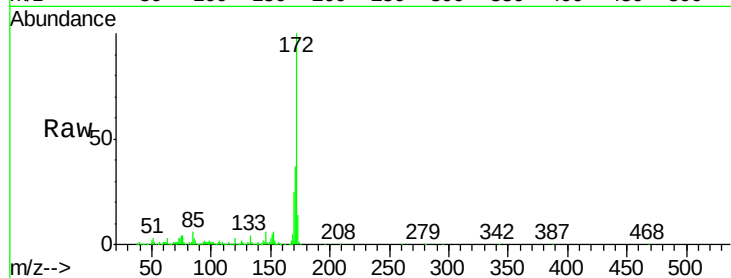
Delta R.T. -0.00 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

Tot Ion:172 Resp: 1453998

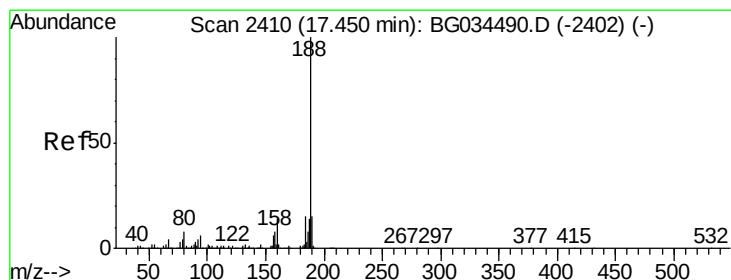
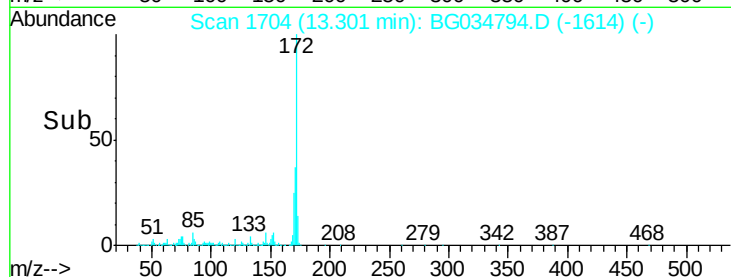
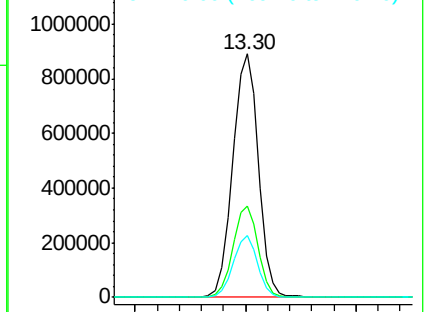
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.3	19.5	29.3



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: 17.43 min Scan# 2407

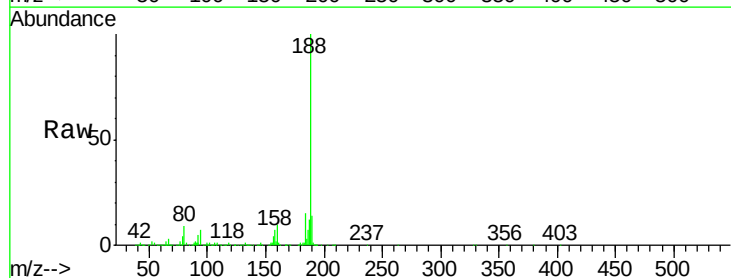
Delta R.T. -0.01 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

Tgt Ion:188 Resp: 515546

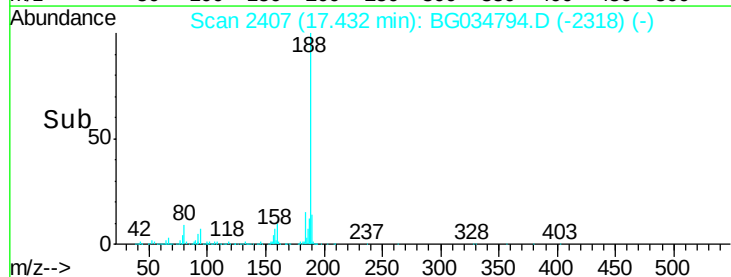
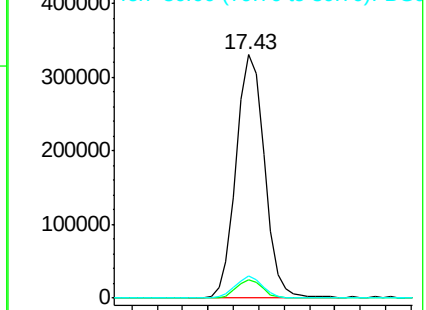
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.9	7.7	11.5

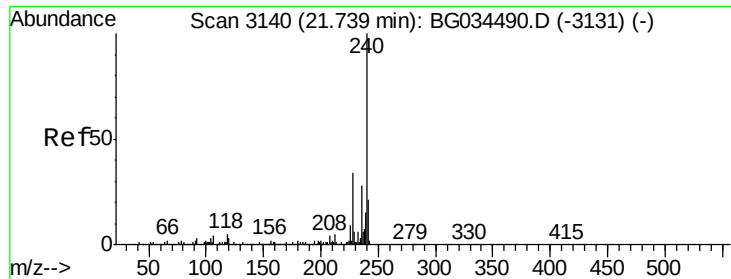


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3137

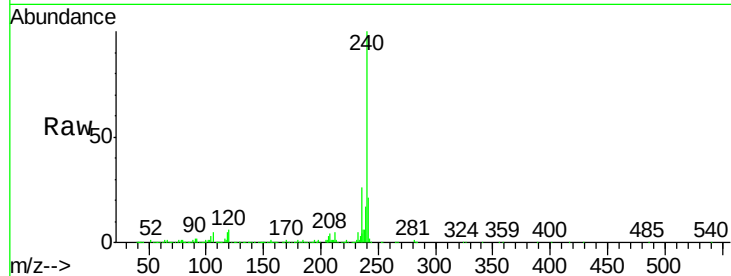
Delta R.T. -0.02 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

Tot Ion:240 Resp: 626514

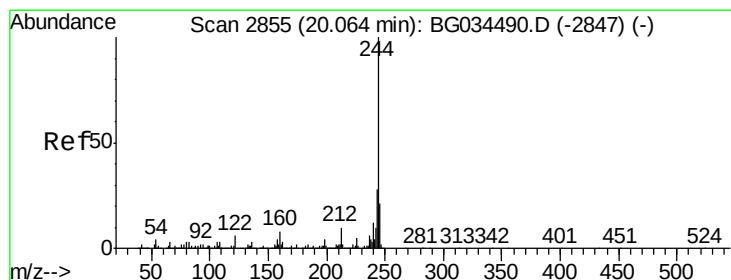
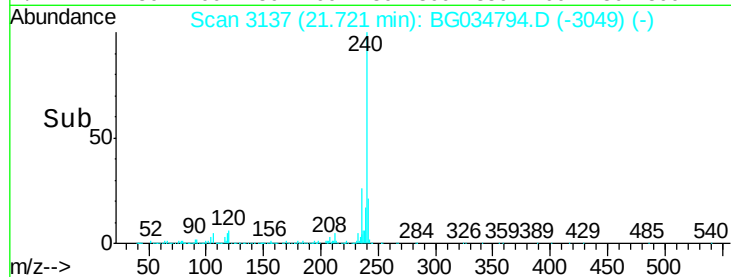
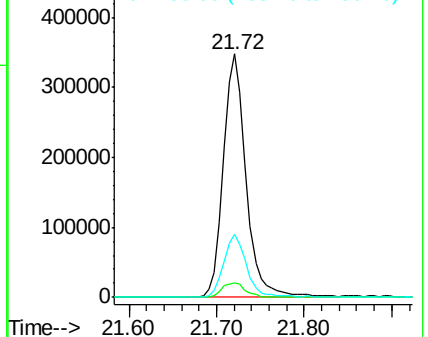
Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.7	20.9	31.3



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



#78

Terphenyl-d14

Concen: 100.823 ng

RT: 20.05 min Scan# 2853

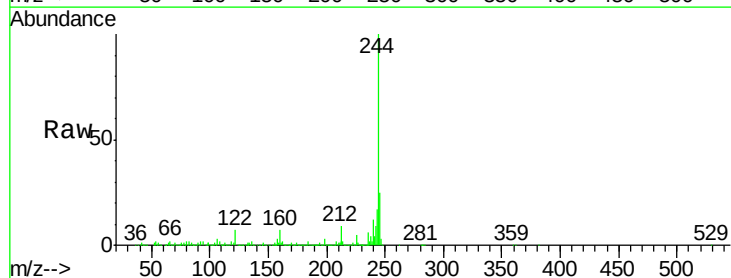
Delta R.T. -0.01 min

Lab File: BG034794.D

Acq: 30 May 2018 2:01

Tgt Ion:244 Resp: 2880434

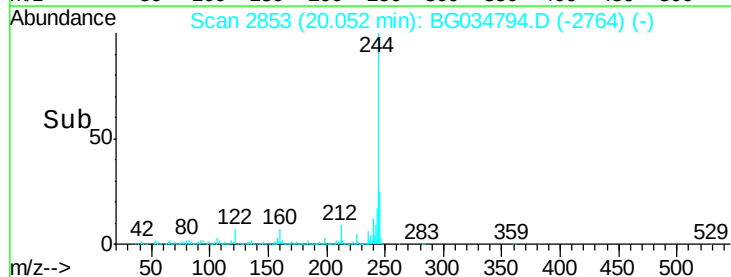
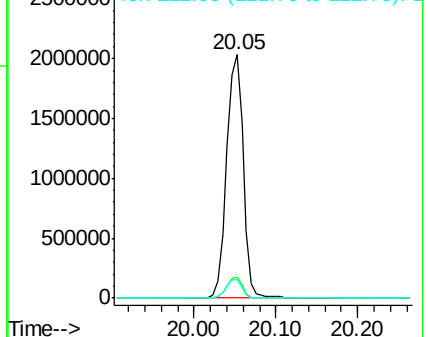
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.4	7.0	10.4

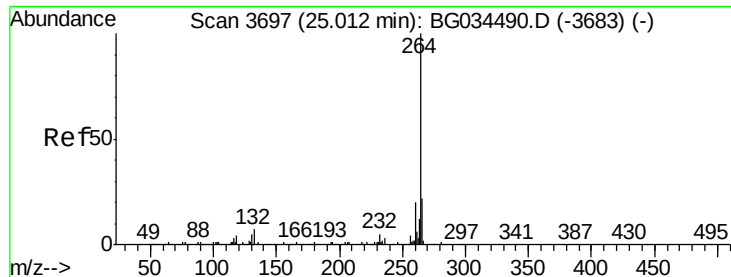


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

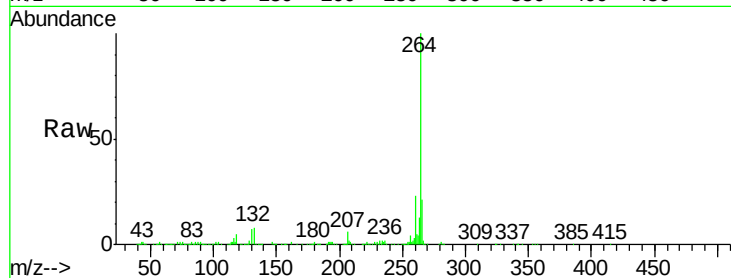
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3692
 Delta R.T. -0.02 min
 Lab File: BG034794.D
 Acq: 30 May 2018 2:01

Tot Ion:	264	Resp:	596958
Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.8	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

