

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034799.D
 Acq On : 30 May 2018 5:52
 Operator : SJ/JU
 Sample : J3178-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

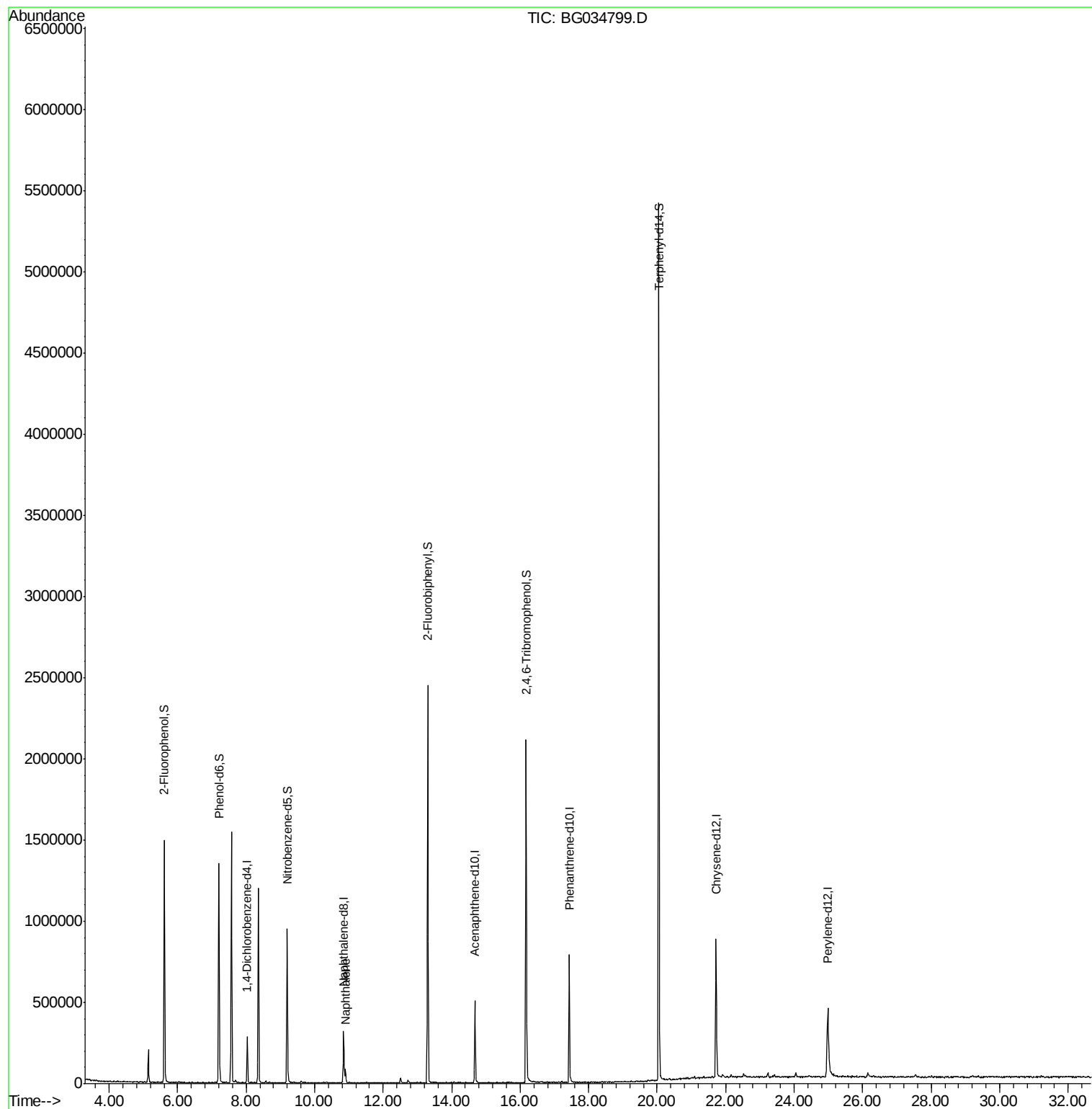
Quant Time: May 30 08:00:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	78029	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	274909	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	186879	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	515821	20.00	ng	0.00
75) Chrysene-d12	21.72	240	606622	20.00	ng	-0.01
86) Perylene-d12	24.98	264	605323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	670108	132.27	ng	0.00
7) Phenol-d6	7.20	99	874552	106.71	ng	0.00
23) Nitrobenzene-d5	9.20	82	653682	90.83	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	481713	149.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1350827	98.13	ng	0.00
78) Terphenyl-d14	20.05	244	2846416	102.90	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	74530	5.214	ng	Qvalue 98

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

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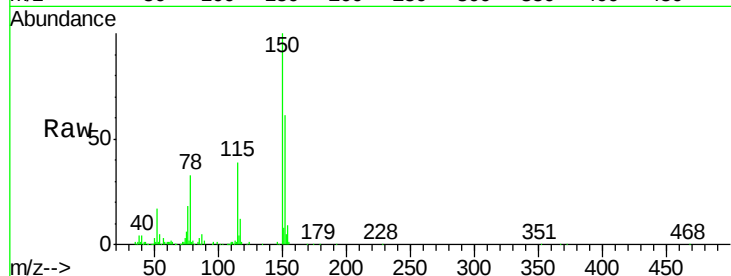




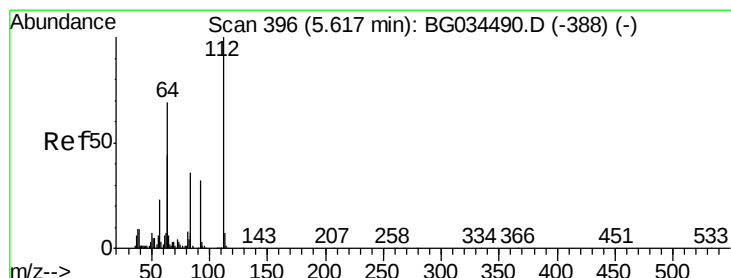
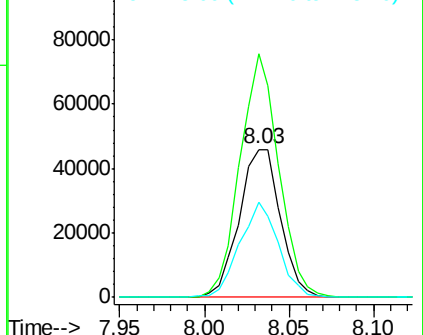
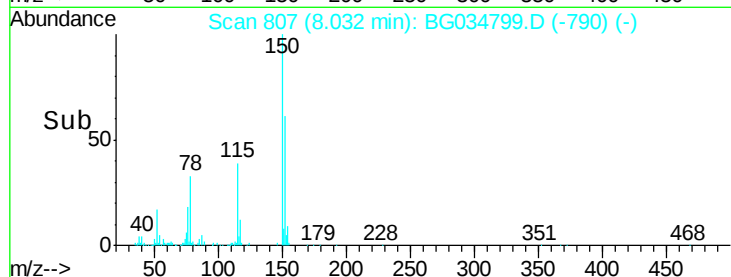
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BG034799.D
 Acq: 30 May 2018 5:52

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.6	189.8
115	64.0	53.0	79.4



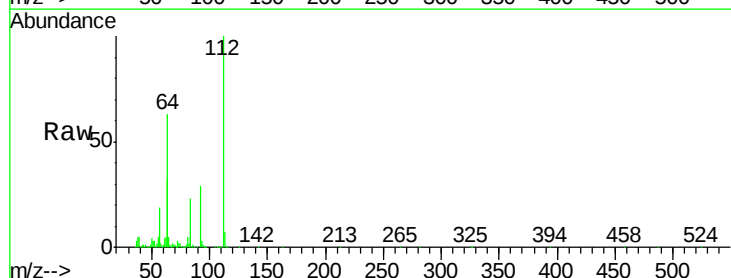
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



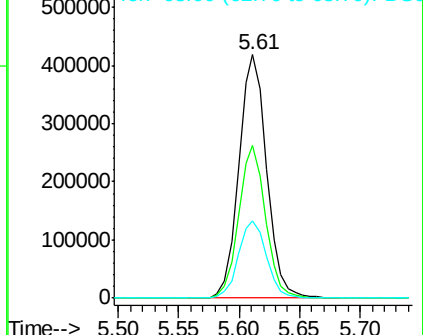
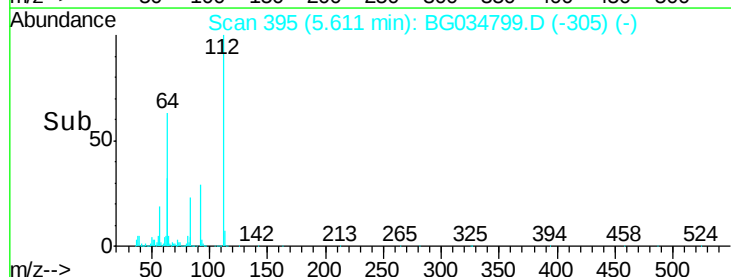
#5

2-Fluorophenol
 Concen: 132.274 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BG034799.D
 Acq: 30 May 2018 5:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	31.9	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: 106.714 ng

RT: 7.20 min Scan# 666

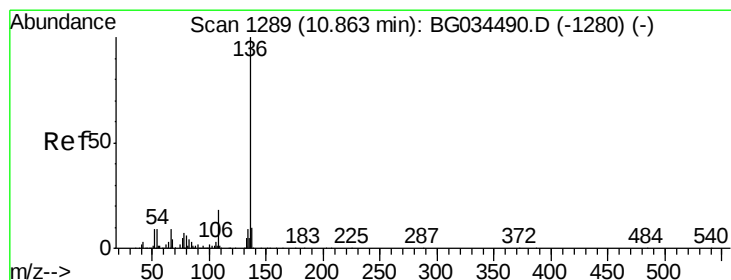
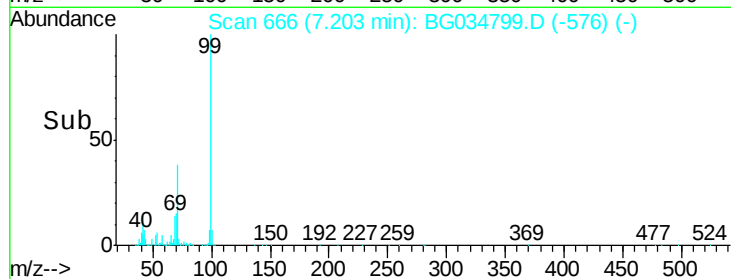
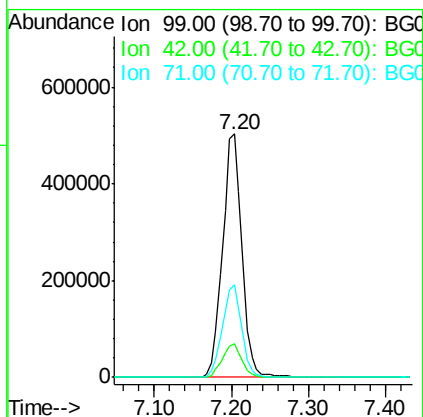
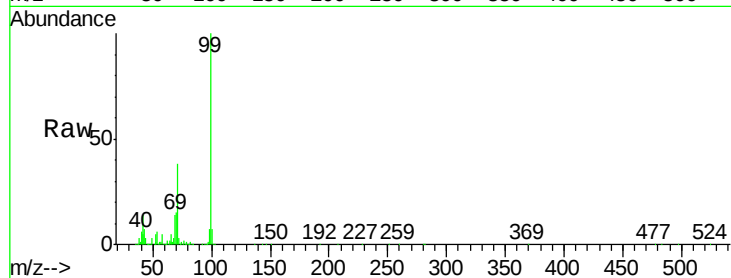
Delta R.T. -0.00 min

Lab File: BG034799.D

Acq: 30 May 2018 5:52

Tot Ion: 99 Resp: 874552

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.1	21.1#
71	37.8	26.1	39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1286

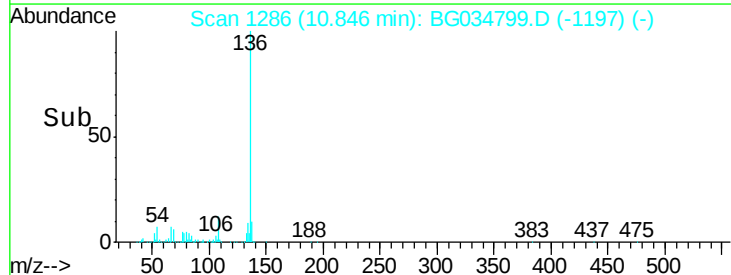
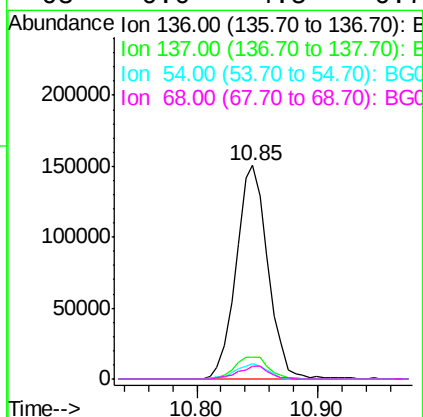
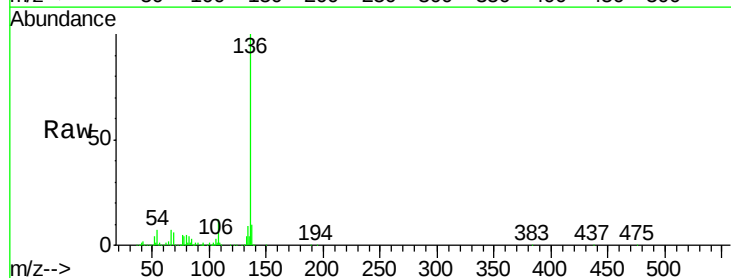
Delta R.T. -0.01 min

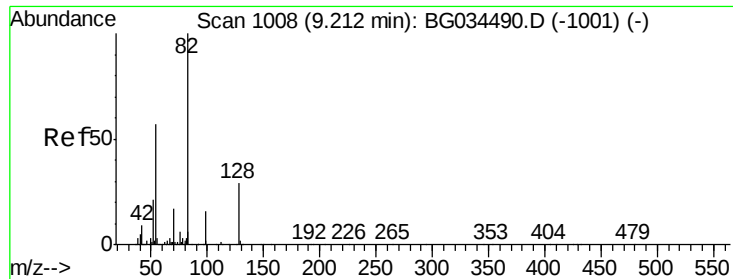
Lab File: BG034799.D

Acq: 30 May 2018 5:52

Tgt Ion: 136 Resp: 274909

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.5	10.3	15.5#
68	6.0	4.5	6.7





#23

Nitrobenzene-d5

Concen: 90.833 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG034799.D

Acq: 30 May 2018 5:52

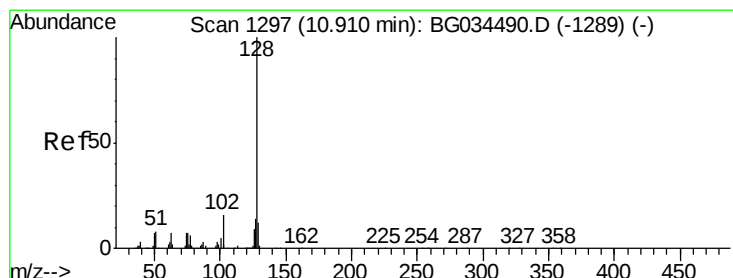
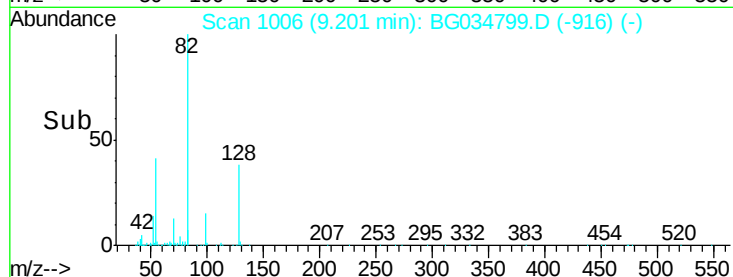
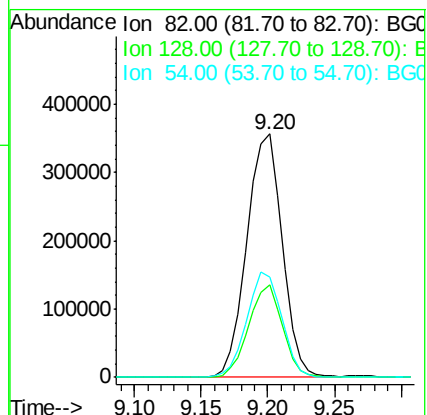
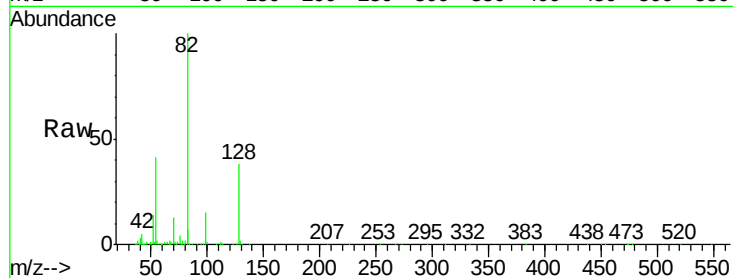
Tot Ion: 82 Resp: 653682

Ion Ratio Lower Upper

82 100

128 38.0 29.7 44.5

54 41.2 43.1 64.7#



#31

Naphthalene

Concen: 5.214 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG034799.D

Acq: 30 May 2018 5:52

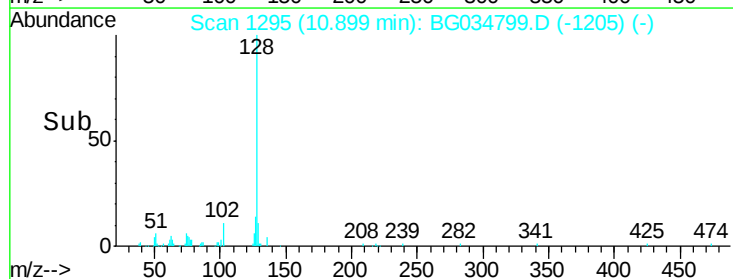
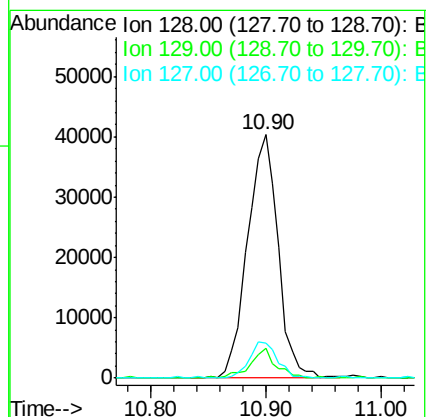
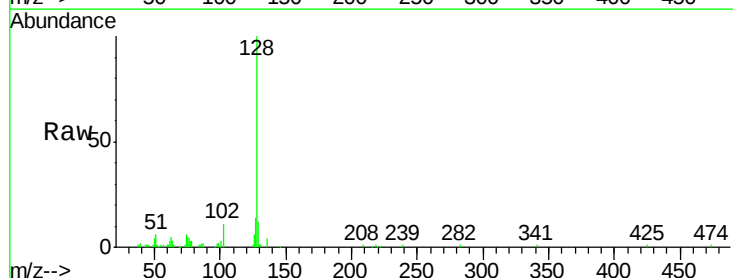
Tgt Ion: 128 Resp: 74530

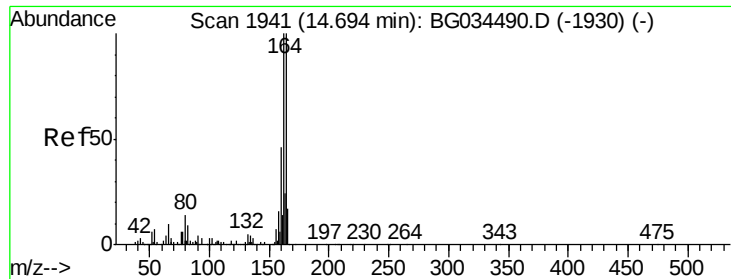
Ion Ratio Lower Upper

128 100

129 12.4 8.6 12.8

127 14.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG034799.D

Acq: 30 May 2018 5:52

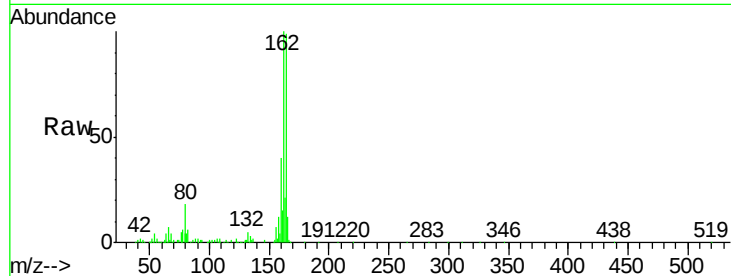
Tot Ion:164 Resp: 186879

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

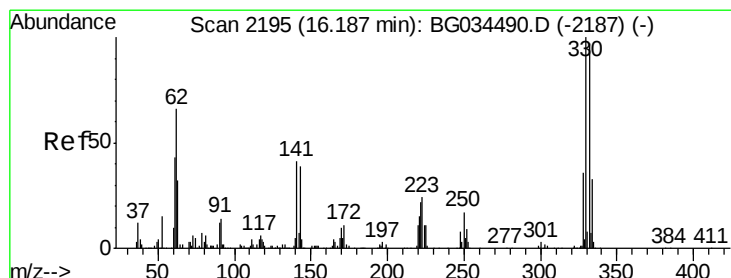
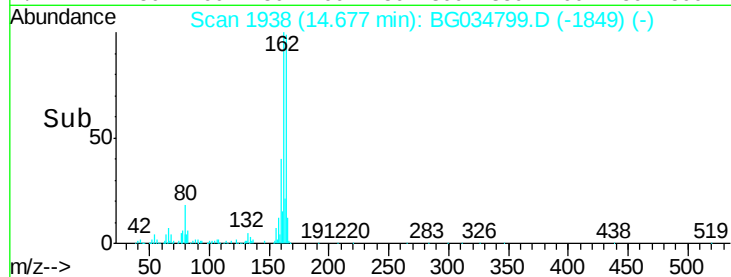
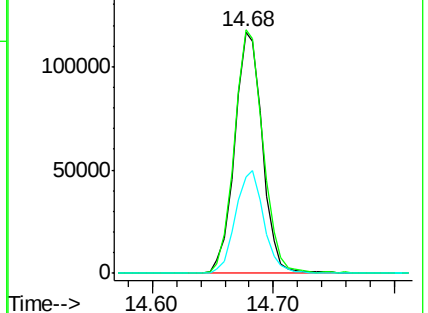
160 40.2 35.4 53.0



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: 149.667 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG034799.D

Acq: 30 May 2018 5:52

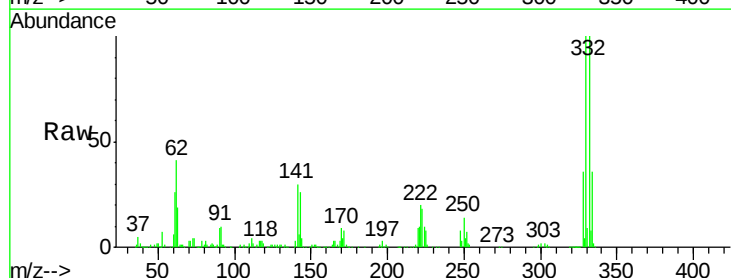
Tgt Ion:330 Resp: 481713

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

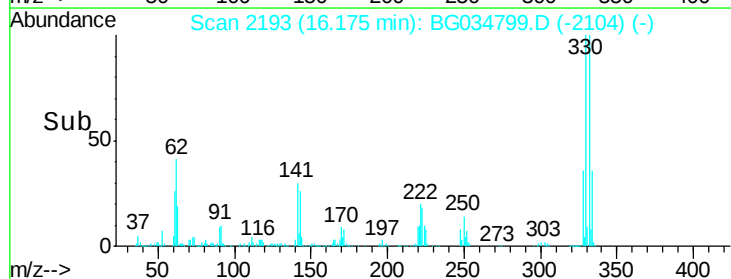
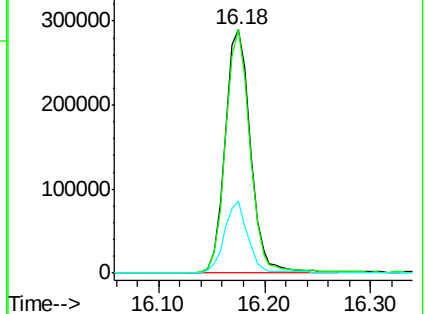
141 27.1 25.2 37.8

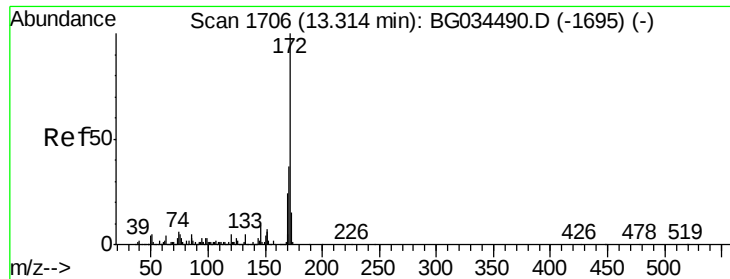


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

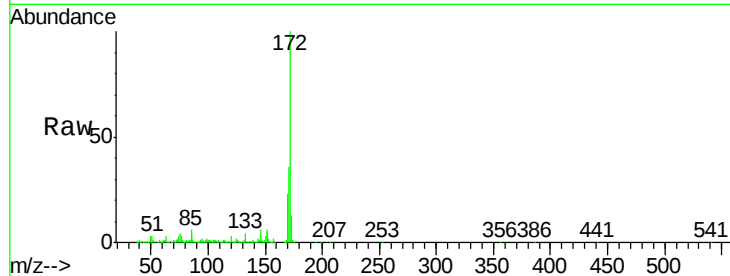




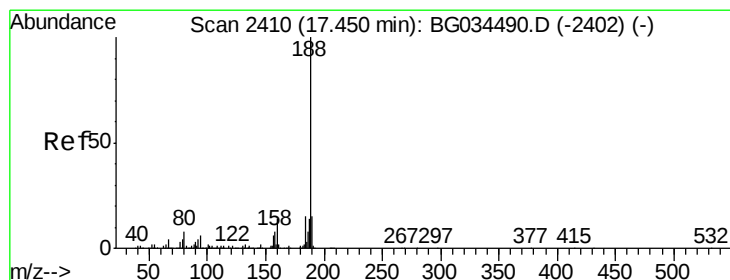
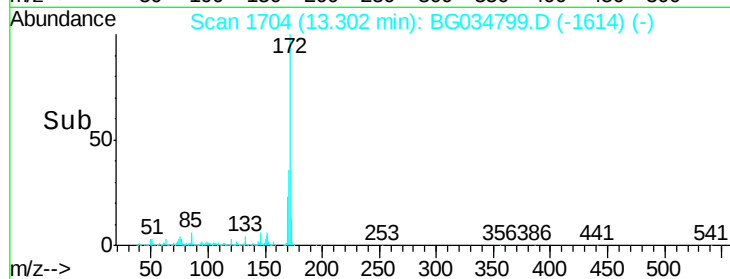
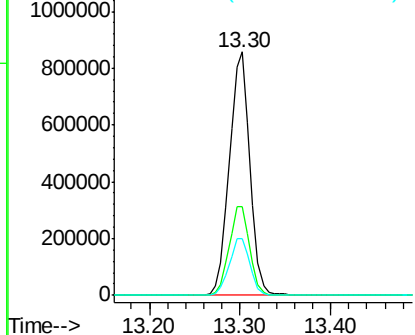
#44
2-Fluorobiphenyl
Concen: 98.134 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tot Ion:172 Resp: 1350827

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	23.1	19.5	29.3



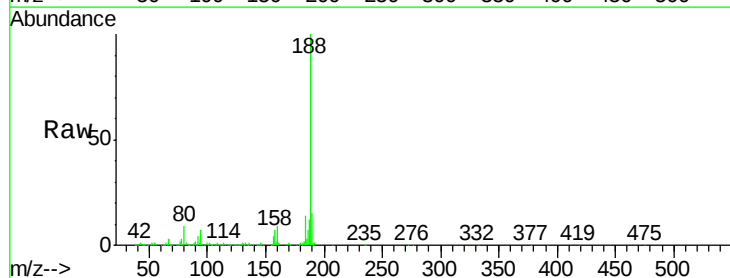
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



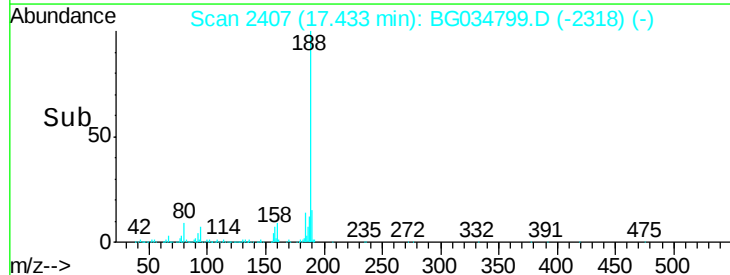
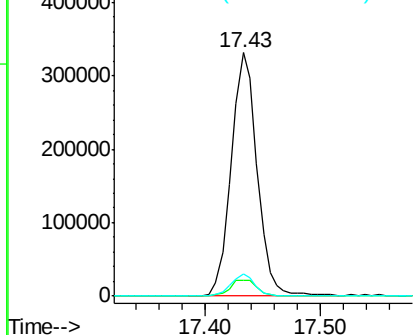
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

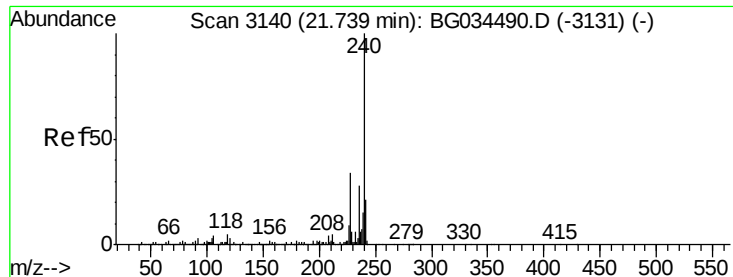
Tgt Ion:188 Resp: 515821

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	9.0	7.7	11.5



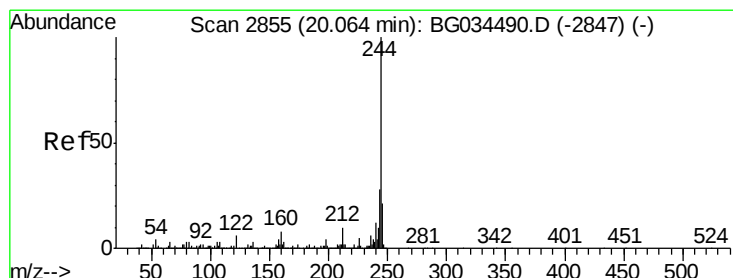
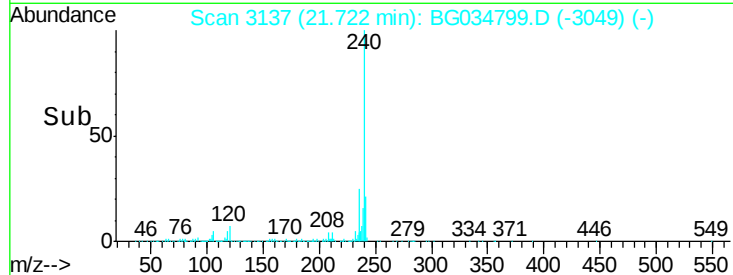
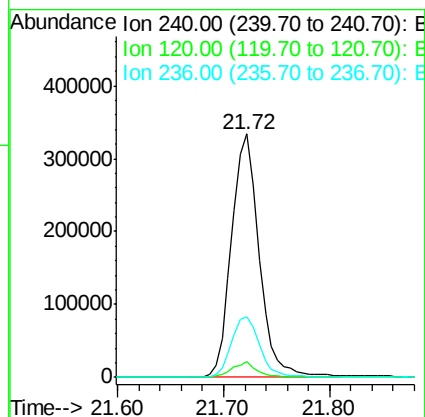
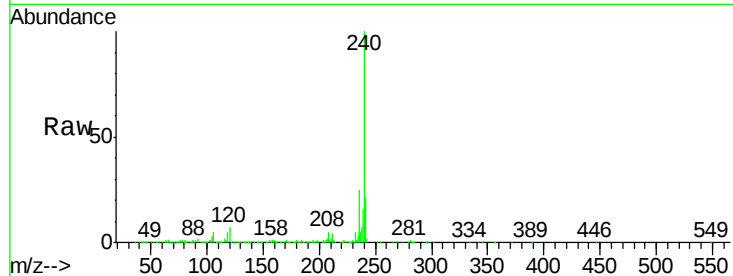
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0





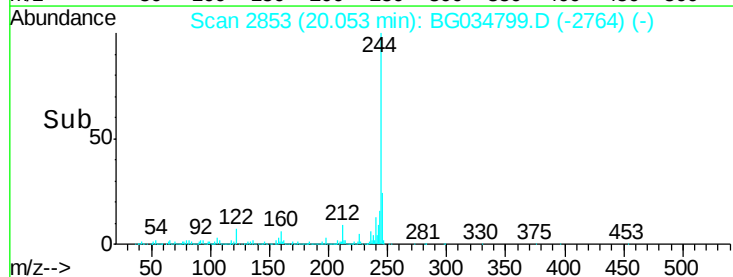
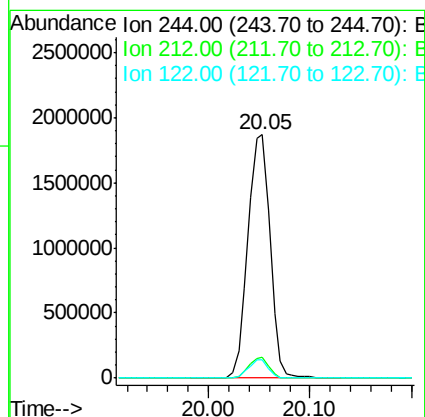
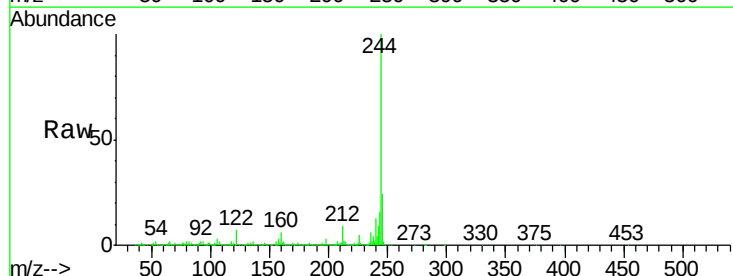
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG034799.D
 Acq: 30 May 2018 5:52

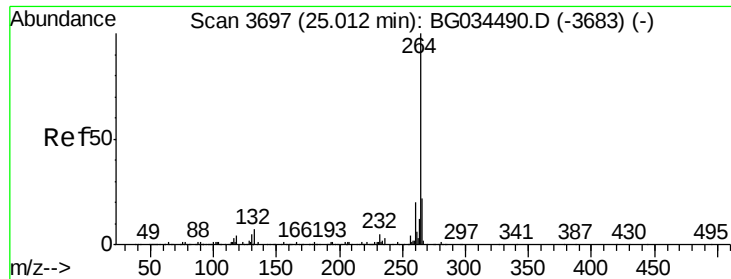
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	24.6	20.9	31.3



#78
 Terphenyl-d14
 Concen: 102.899 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BG034799.D
 Acq: 30 May 2018 5:52

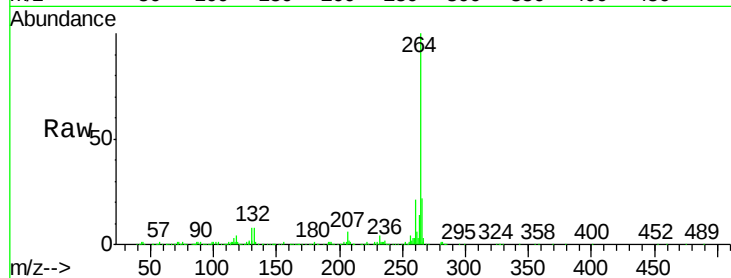
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.4	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	22.0	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

