Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\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 07:51:55 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

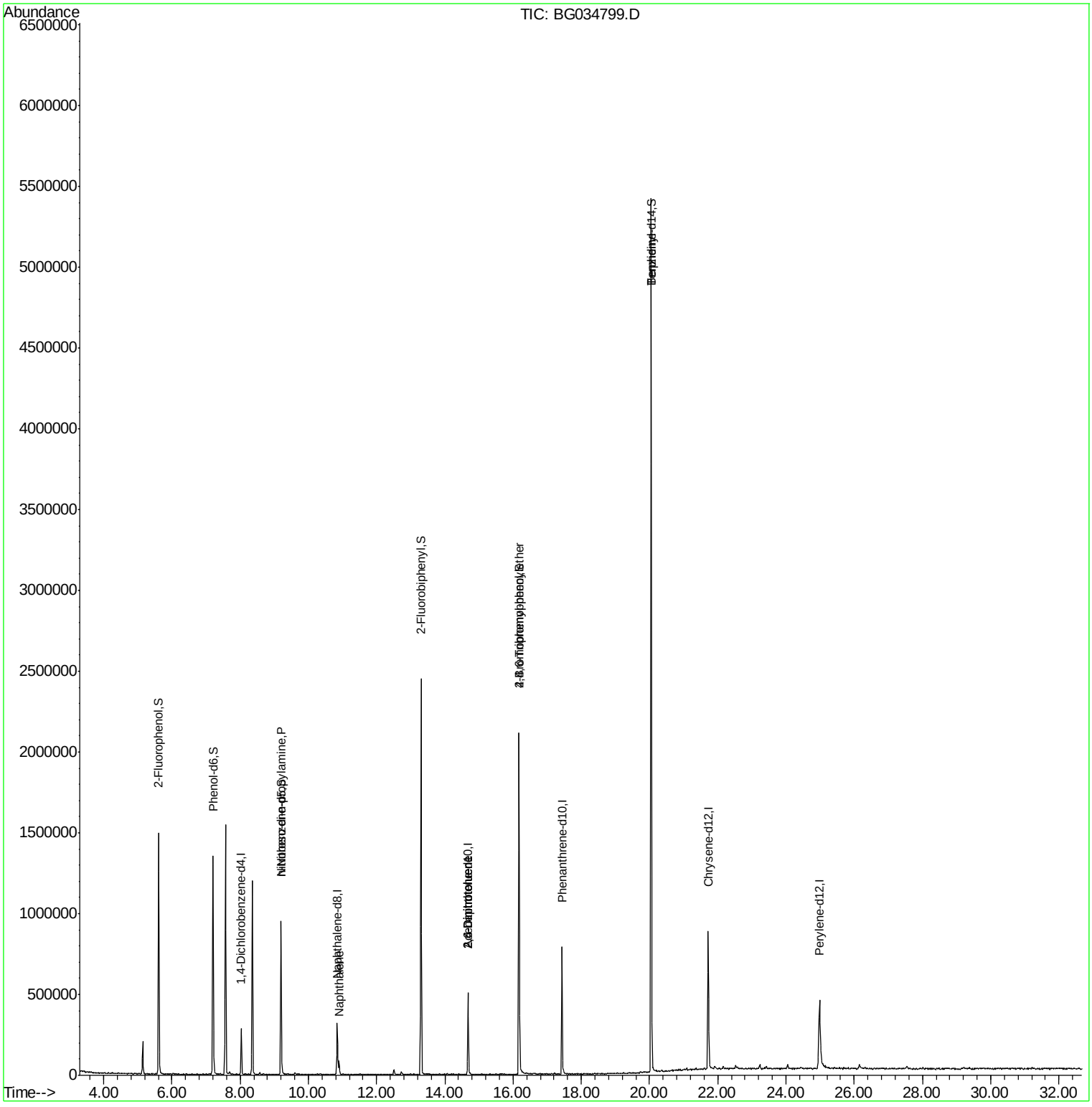
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	78029	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	274909	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	186879	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	515821	20.00	ng		0.00
75) Chrysene-d12	21.72	240	606622	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							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	85869	12.793	ng	#	67
31) Naphthalene	10.90	128	74530	5.214	ng		98
50) 2,6-Dinitrotoluene	14.68	165	25177	7.611	ng	#	18
56) 2,4-Dinitrotoluene	14.68	165	25177	5.127	ng	#	16
66) 4-Bromophenyl-phenylether	16.18	248	34631	5.101	ng	#	1
76) Benzidine	20.05	184	40851	5.697	ng	#	95

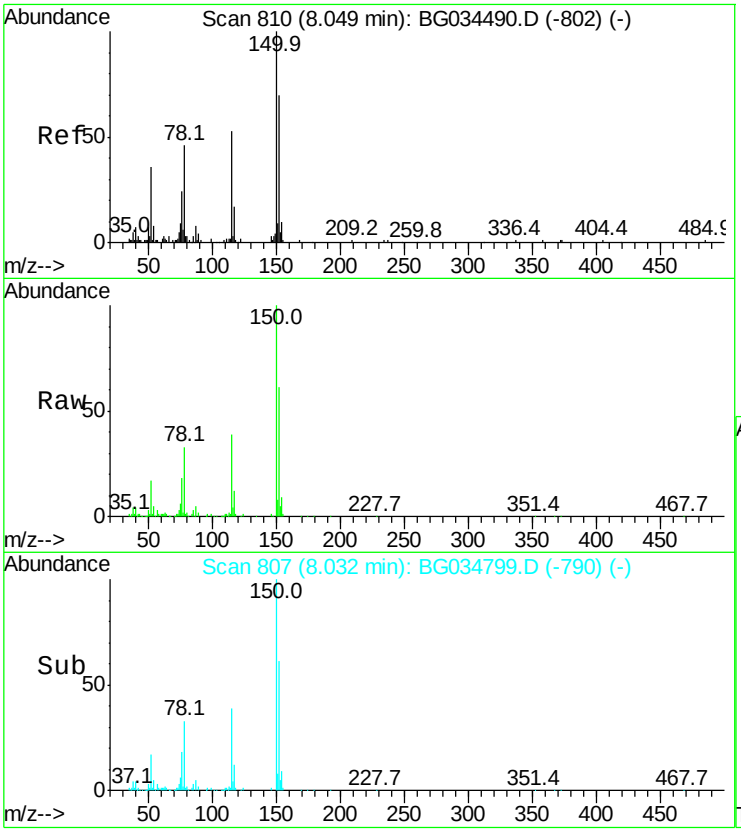
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\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 07:51:55 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

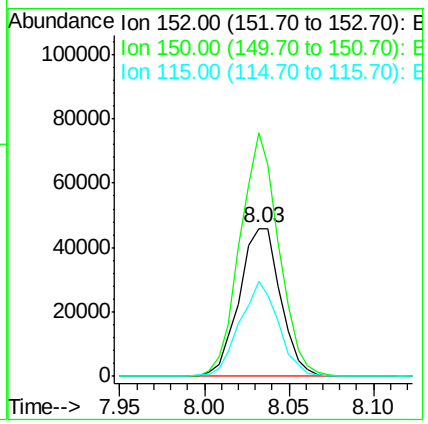


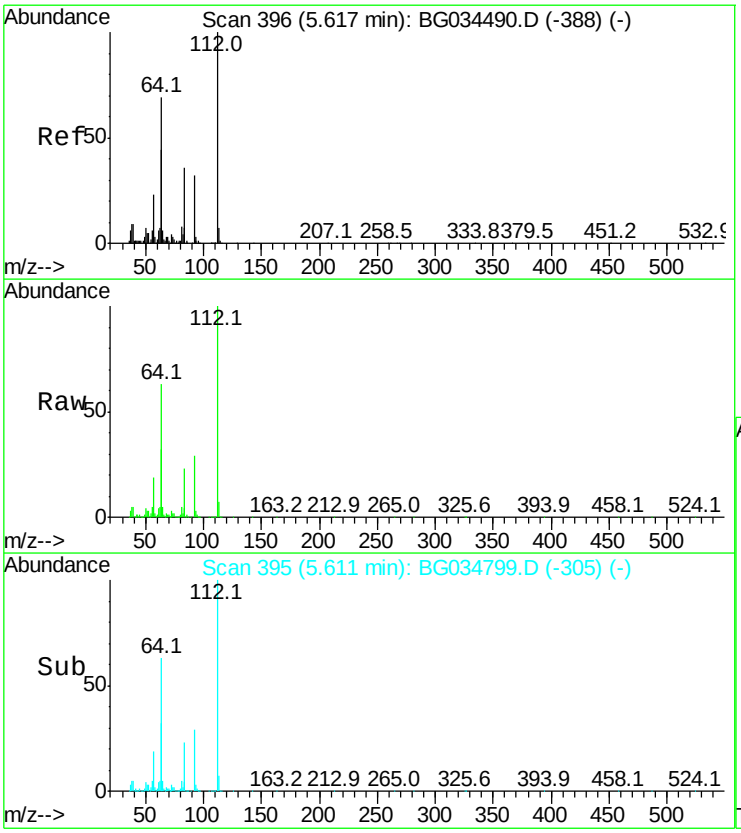


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:152 Resp: 78029

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

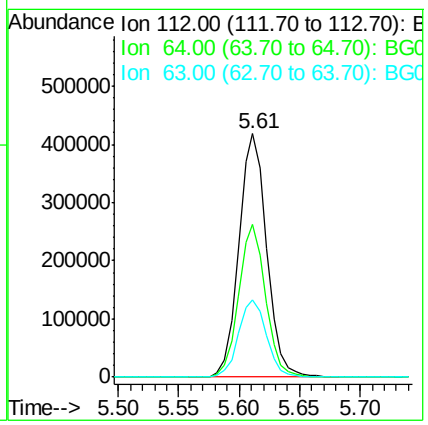


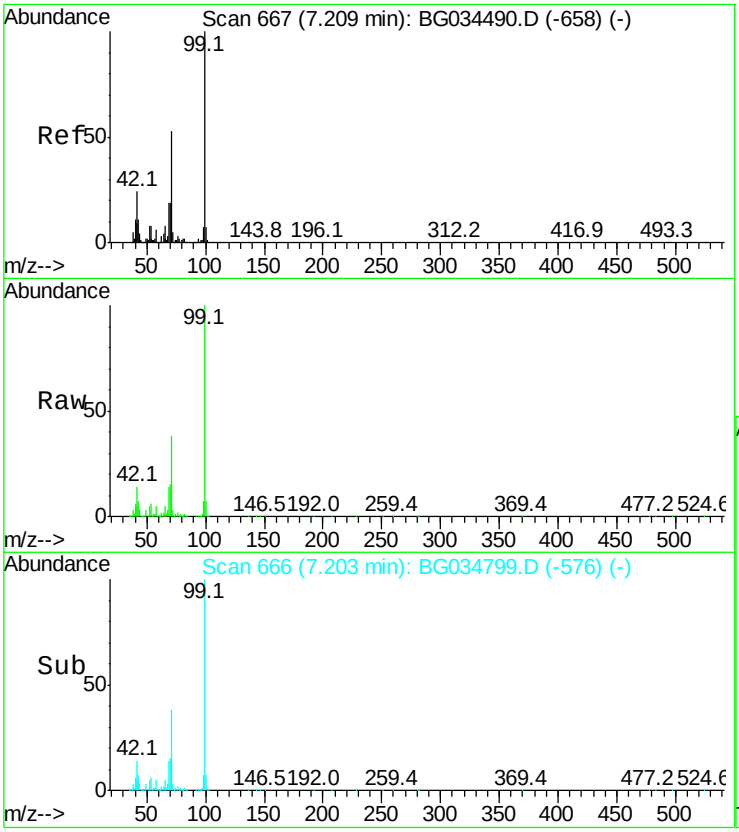


#5
2-Fluorophenol
Concen: 132.274 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:112 Resp: 670108

Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	31.9	30.1	45.1

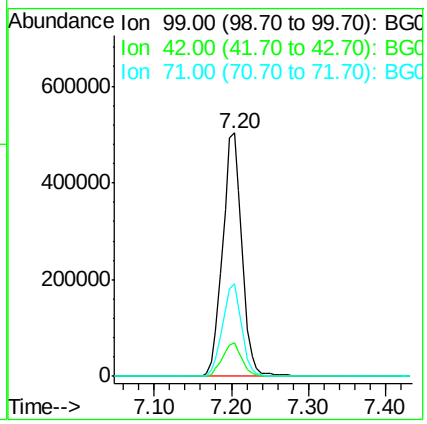


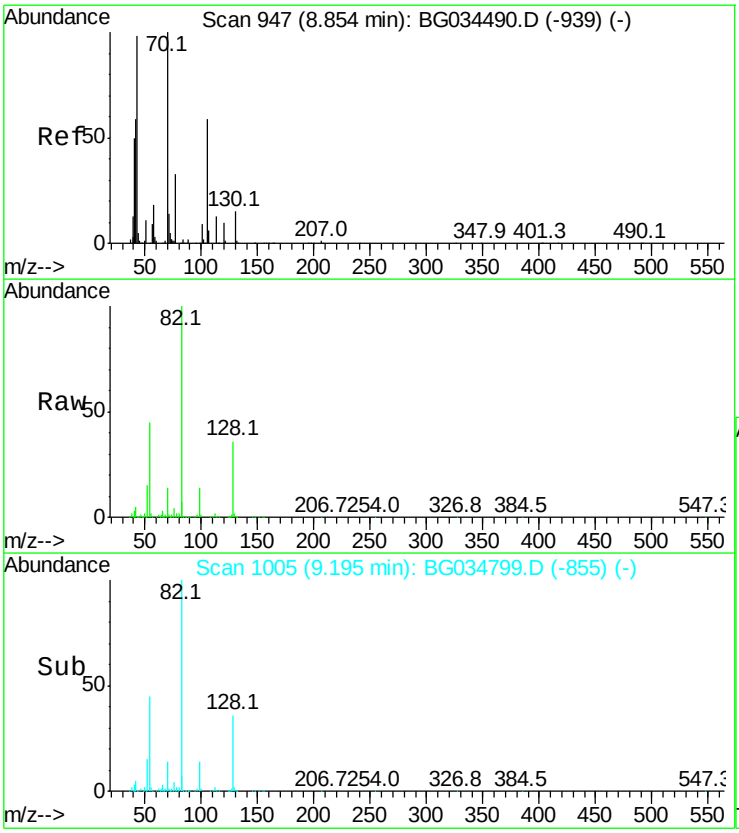


#7
Phenol-d6
Concen: 106.714 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion: 99 Resp: 874552

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

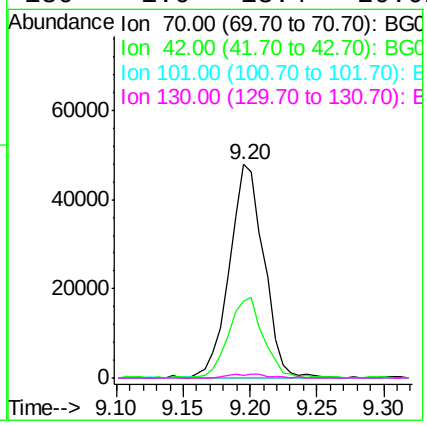


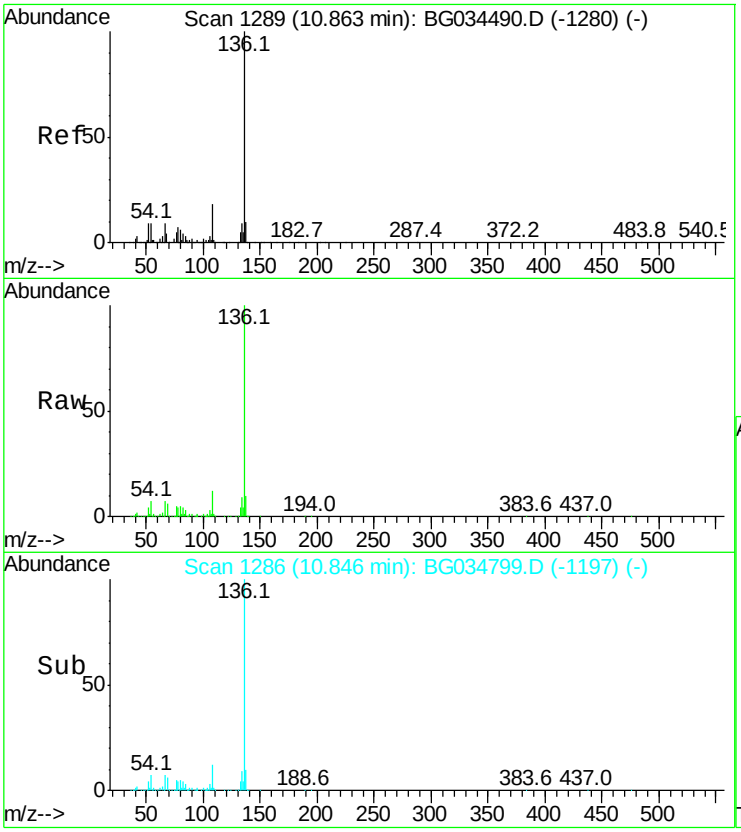


#19
n-Nitroso-di-n-propylamine
Concen: 12.793 ng
RT: 9.20 min Scan# 1005
Delta R.T. 0.35 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion: 70 Resp: 85869

Ion	Ratio	Lower	Upper
70	100		
42	35.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#

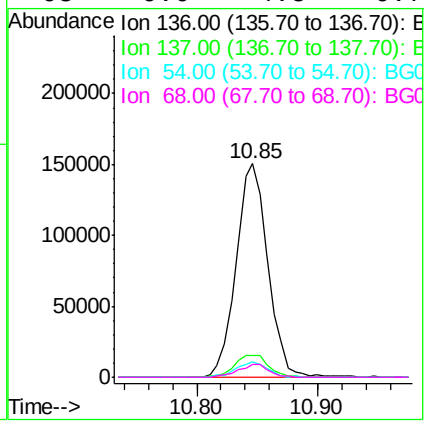


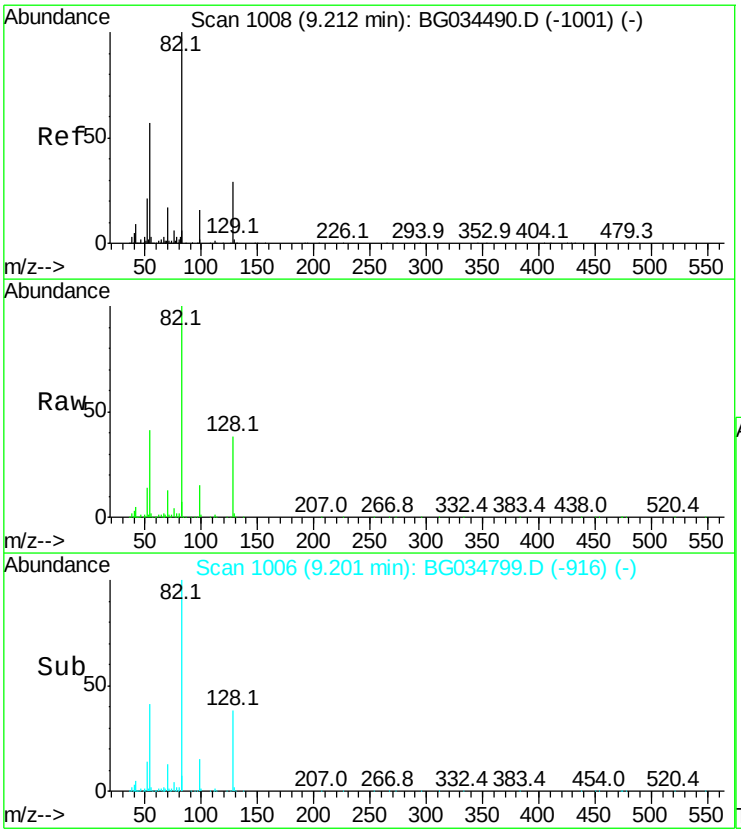


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

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

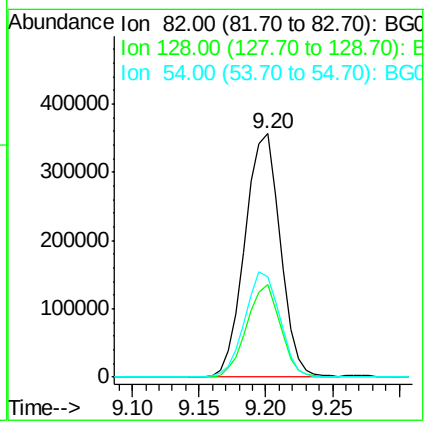


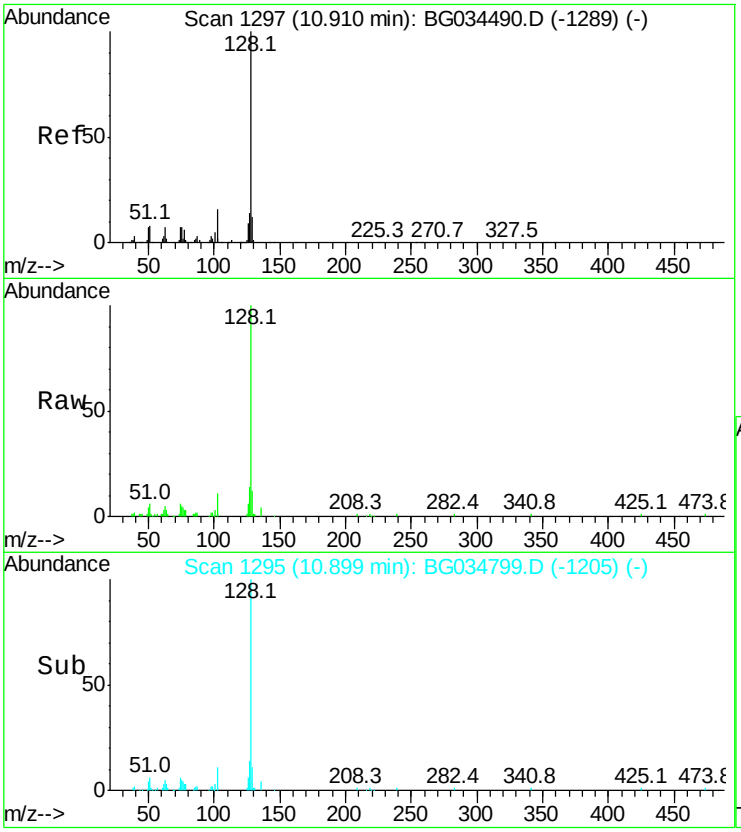


#23
Nitrobenzene-d5
Concen: 90.833 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion: 82 Resp: 653682

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.7	44.5
54	41.2	43.1	64.7#

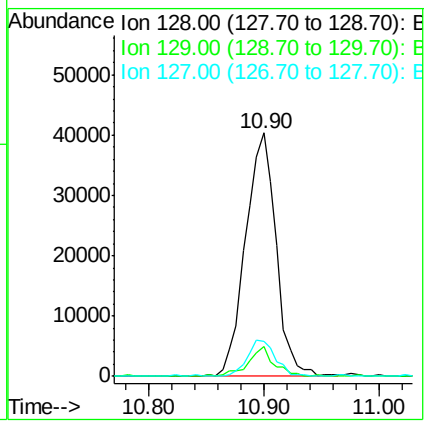


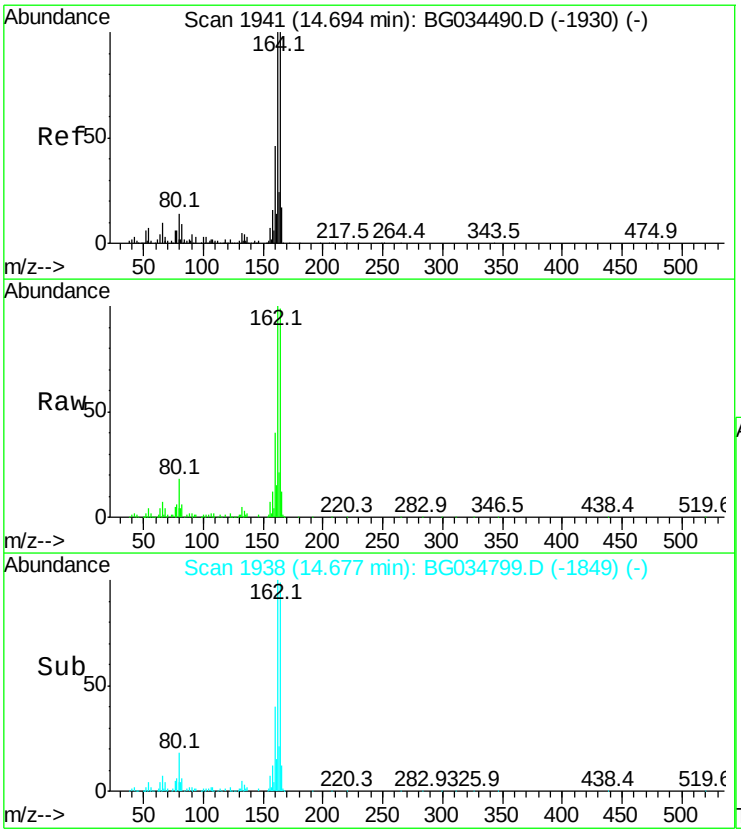


#31
Naphthalene
Concen: 5.214 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

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

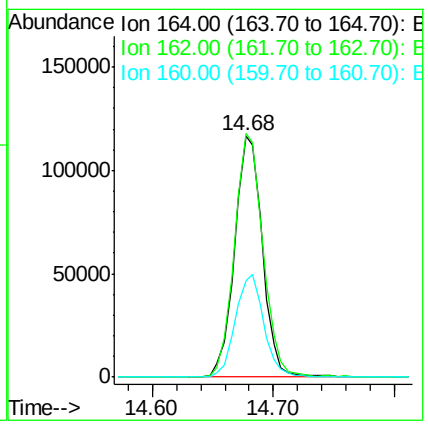


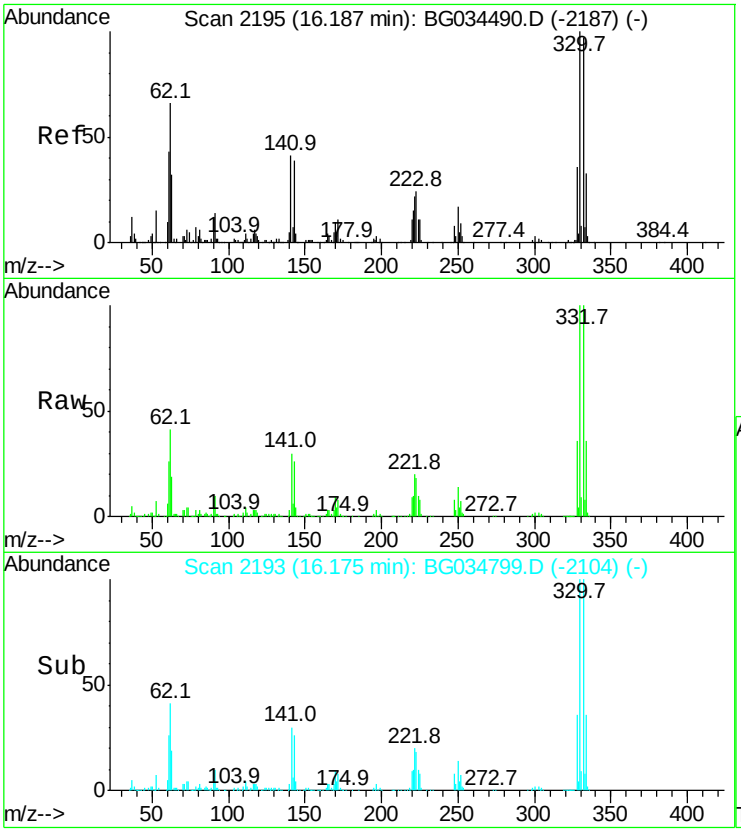


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:164 Resp: 186879

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	40.2	35.4	53.0

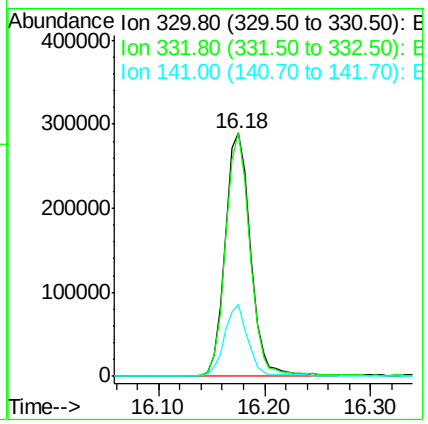


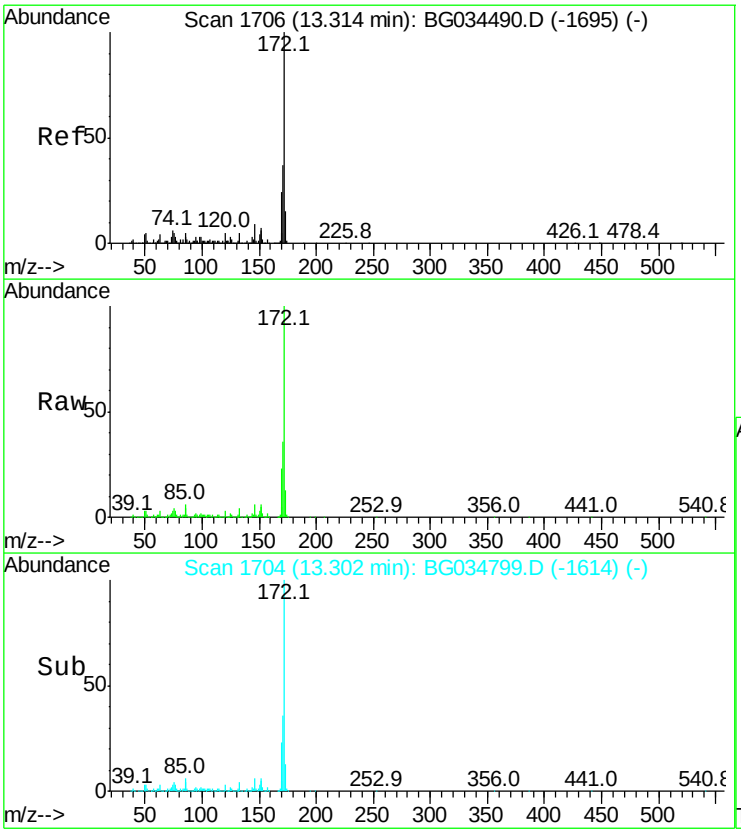


#41
2,4,6-Tribromophenol
Concen: 149.667 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

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

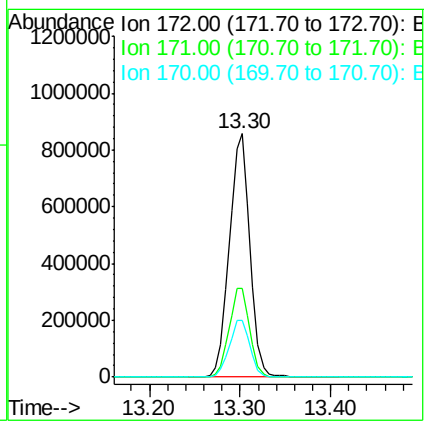


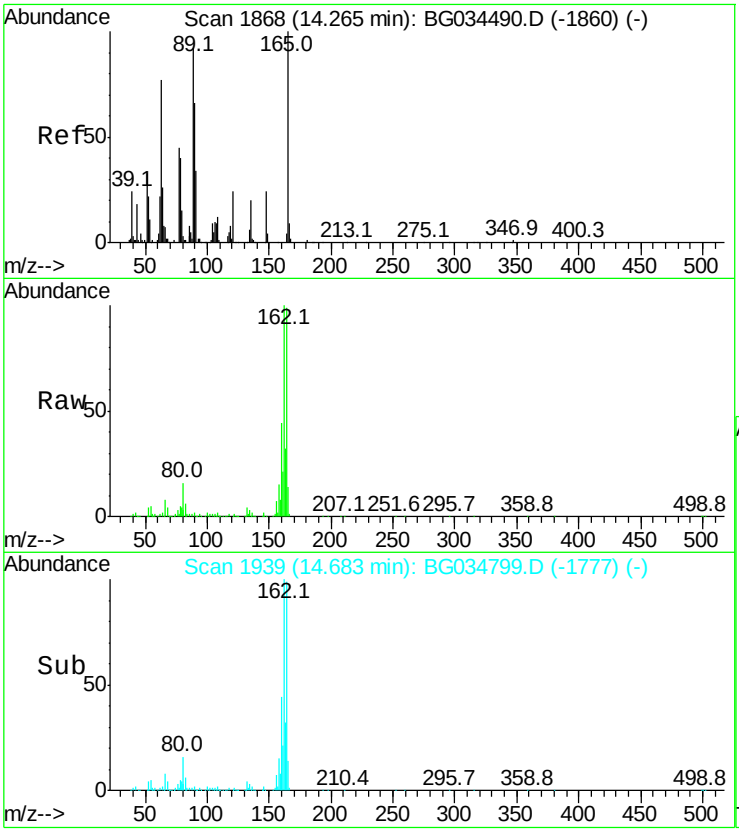


#44
2-Fluorobiphenyl
Concen: 98.134 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:172 Resp: 1350827

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

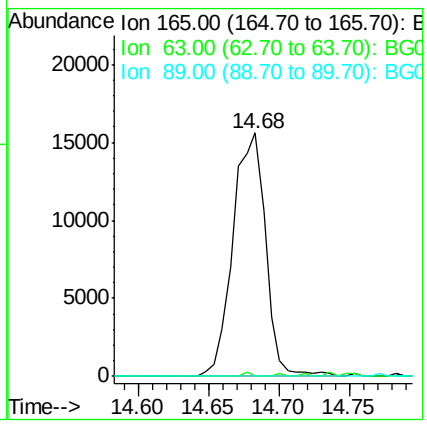


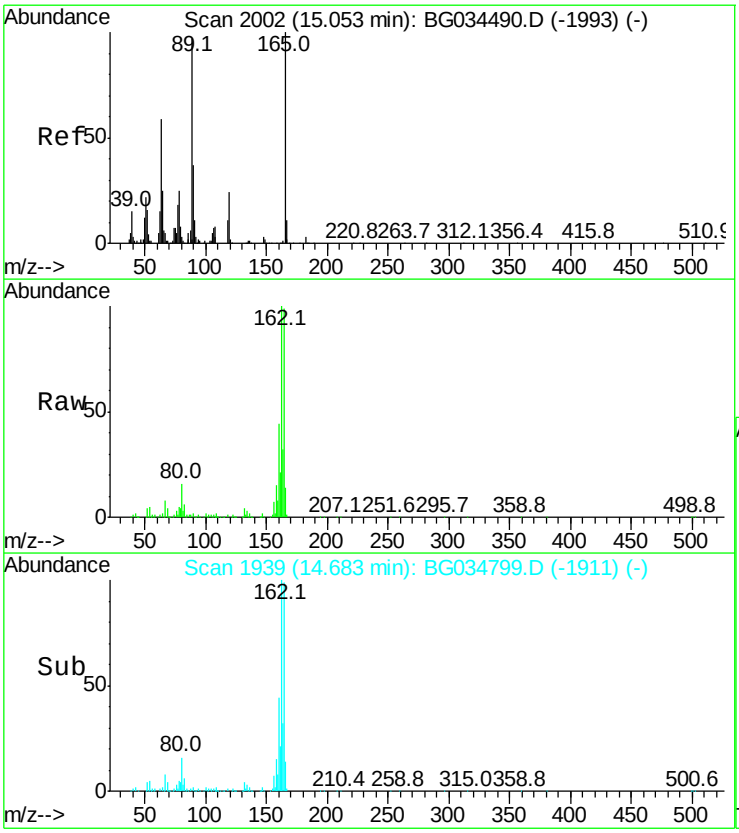


#50
2,6-Dinitrotoluene
Concen: 7.611 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:165 Resp: 25177

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

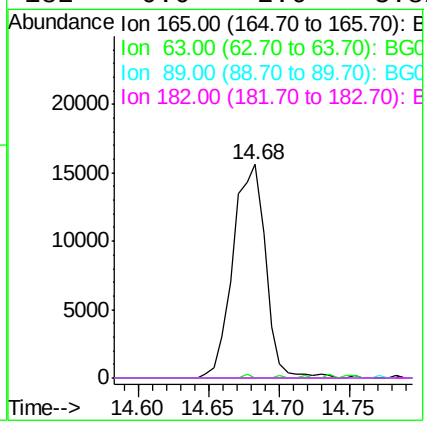


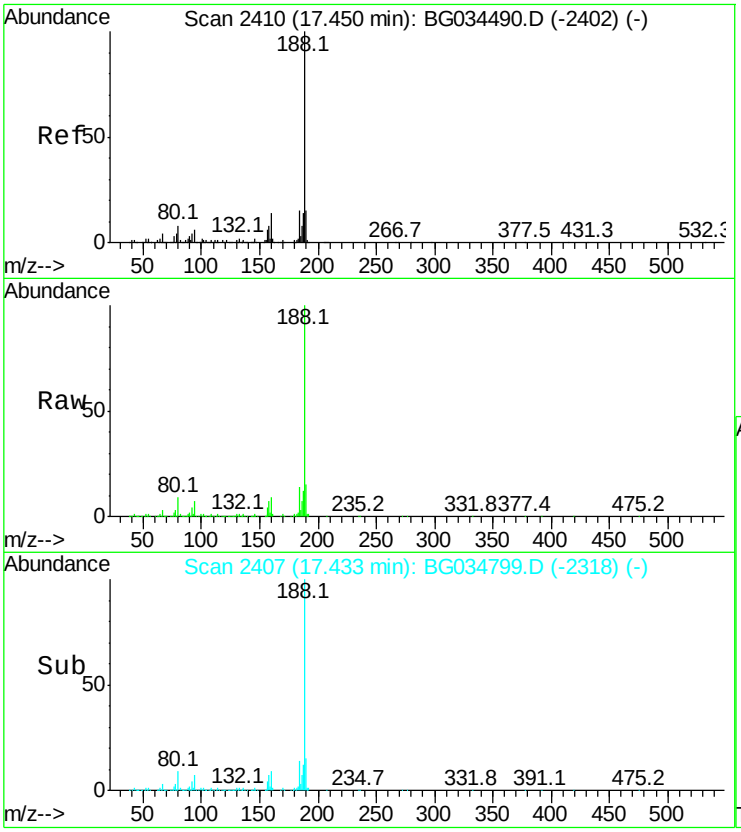


#56
2,4-Dinitrotoluene
Concen: 5.127 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:165 Resp: 25177

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

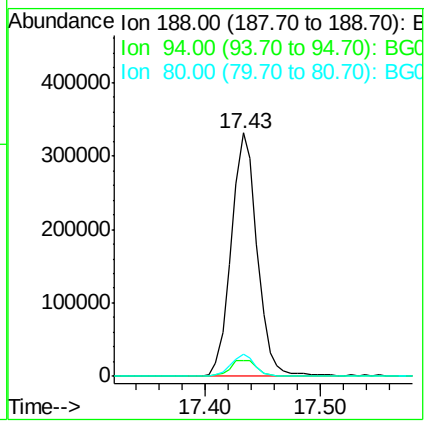


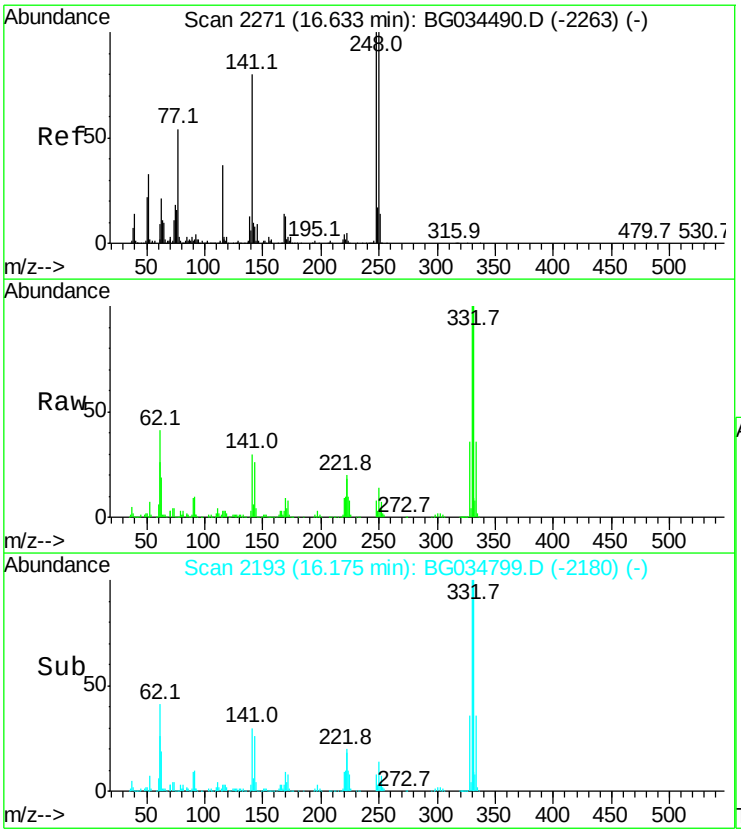


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

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

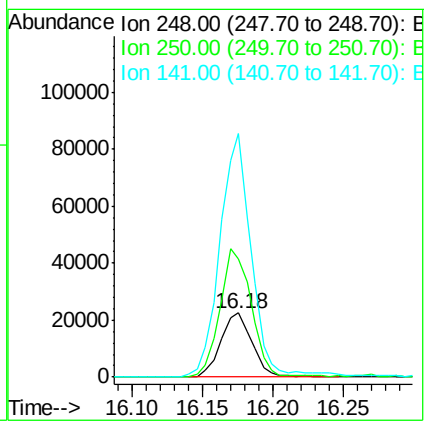


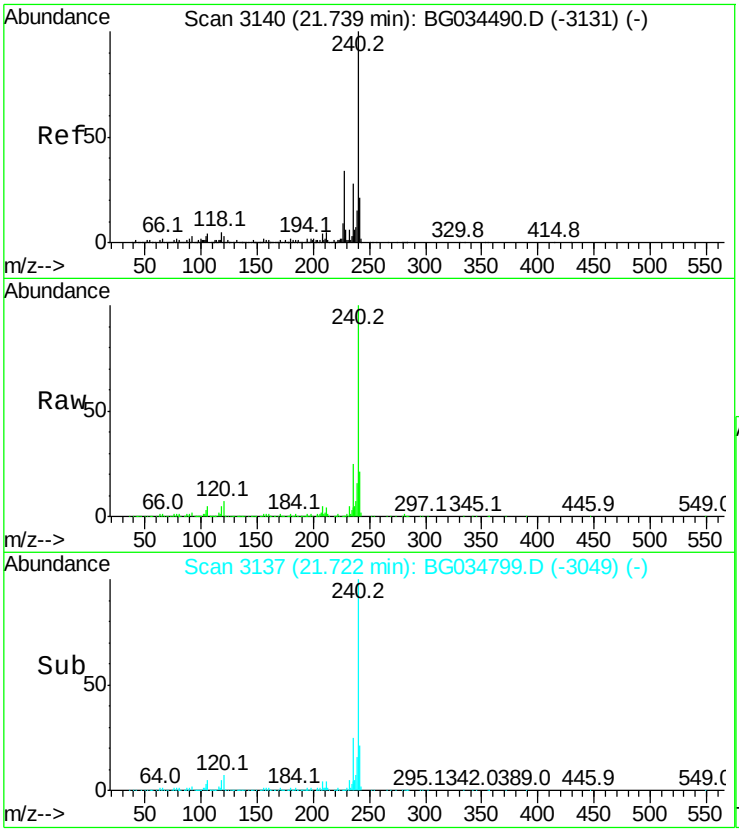


#66
4-Bromophenyl-phenylether
Concen: 5.101 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:248 Resp: 34631

Ion	Ratio	Lower	Upper
248	100		
250	184.6	77.1	115.7#
141	381.4	50.8	76.2#

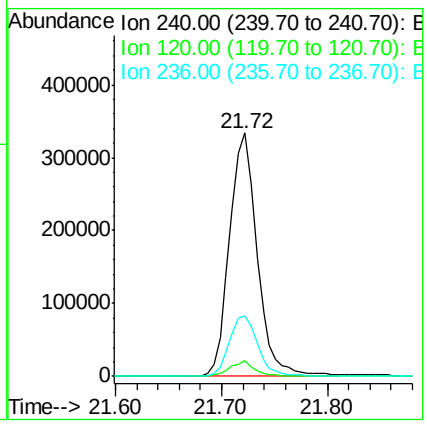


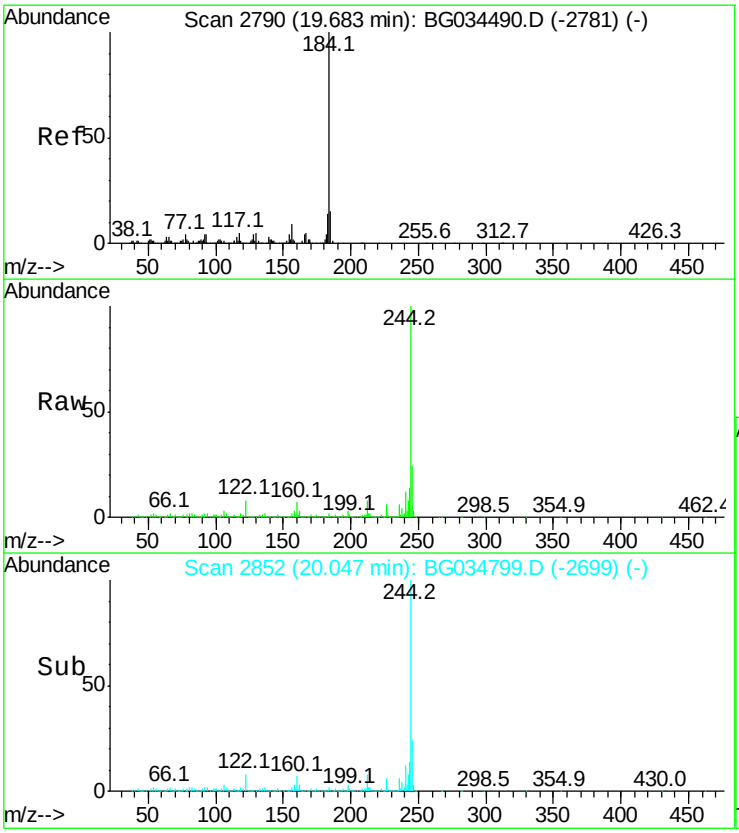


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:240 Resp: 606622

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

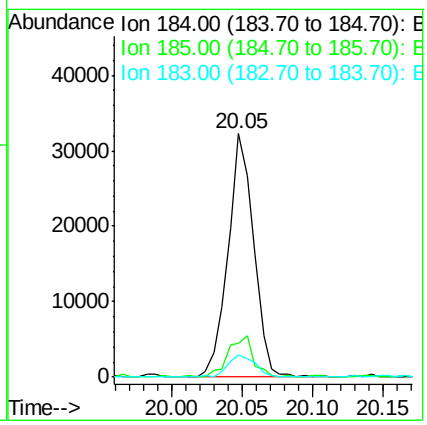


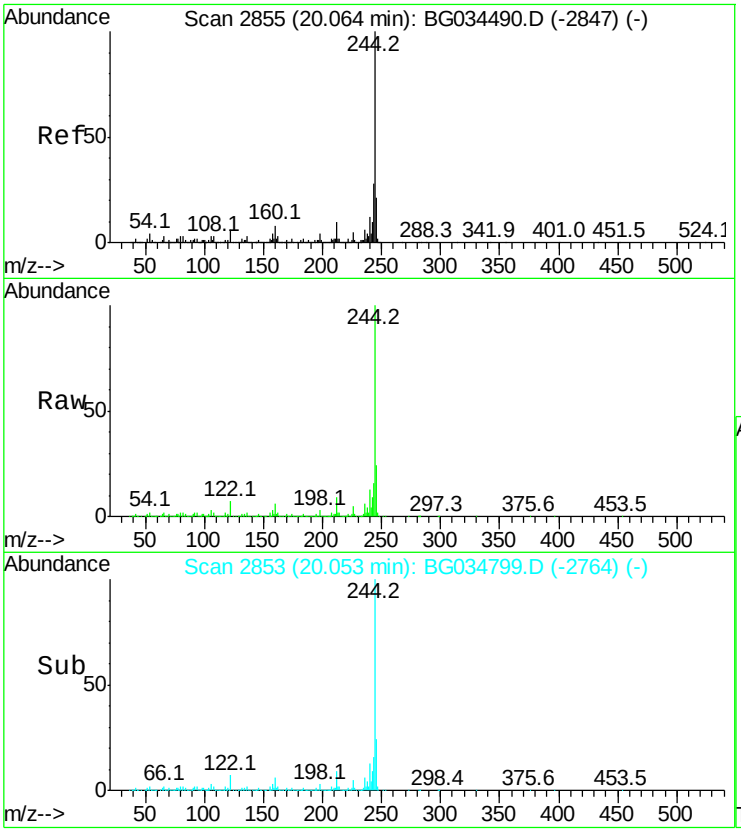


#76
Benzidine
Concen: 5.697 ng
RT: 20.05 min Scan# 2852
Delta R.T. 0.37 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:184 Resp: 40851

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	9.2	10.6	16.0#

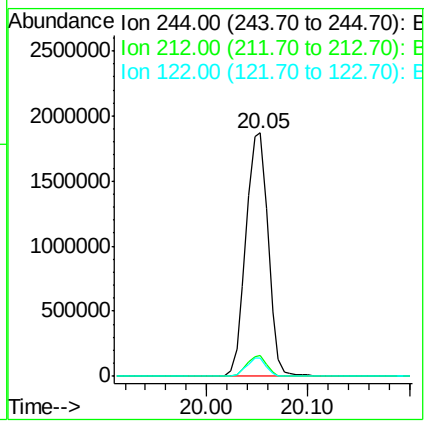


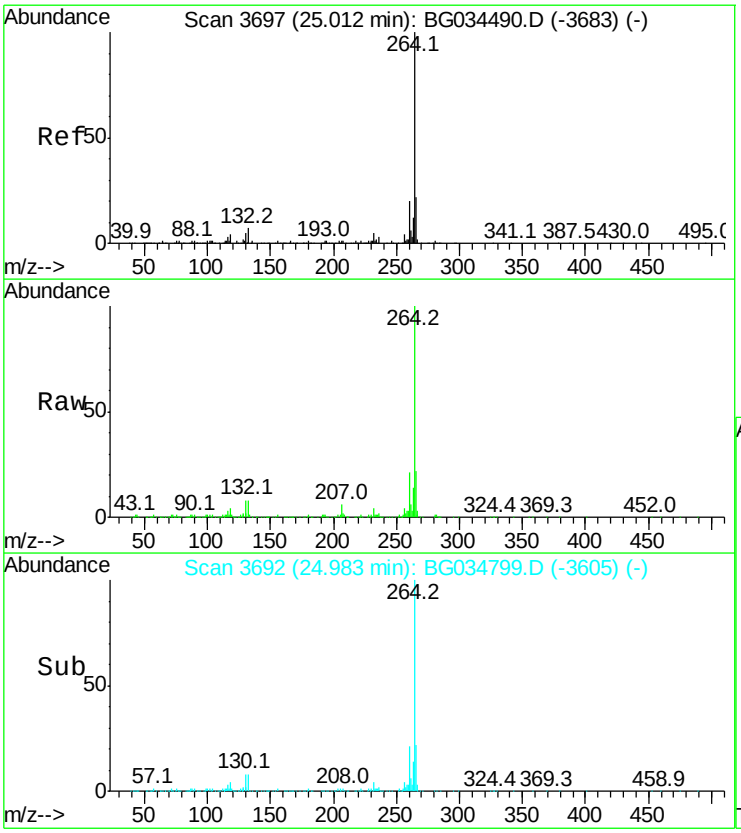


#78
Terphenyl-d14
Concen: 102.899 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG034799.D
Acq: 30 May 2018 5:52

Tgt Ion:244 Resp: 2846416

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





#86
Perylene-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

Tgt Ion:264 Resp: 605323

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	22.0	17.7	26.5