Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043733.D
Acq On : 20 Nov 2019 18:30
Operator : JU
Sample : K5904-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 00:35:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27229	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	96705	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	73830	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	184101	20.00	ng		0.00
76) Chrysene-d12	21.63	240	202890	20.00	ng		0.00
87) Perylene-d12	24.80	264	231437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	194585	130.95	ng		0.00
7) Phenol-d6	7.18	99	271316	126.91	ng		0.00
23) Nitrobenzene-d5	9.15	82	155030	82.65	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	144168	102.61	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	385372	72.13	ng		0.00
79) Terphenyl-d14	19.97	244	871016	80.54	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	11364	5.817	ng	#	74
15) Benzyl Alcohol	8.31	79	3225	2.148	ng	#	54
19) n-Nitroso-di-n-propylamine	9.15	70	21282	15.405	ng	#	71
50) Dimethylphthalate	14.07	163	47498	8.306	ng		99
57) 2,4-Dinitrotoluene	14.62	165	9839	5.542	ng	#	27
67) 4-Bromophenyl-phenylether	16.11	248	9134	3.687	ng	#	1
77) Benzidine	19.97	184	12404	3.038	ng	#	7

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
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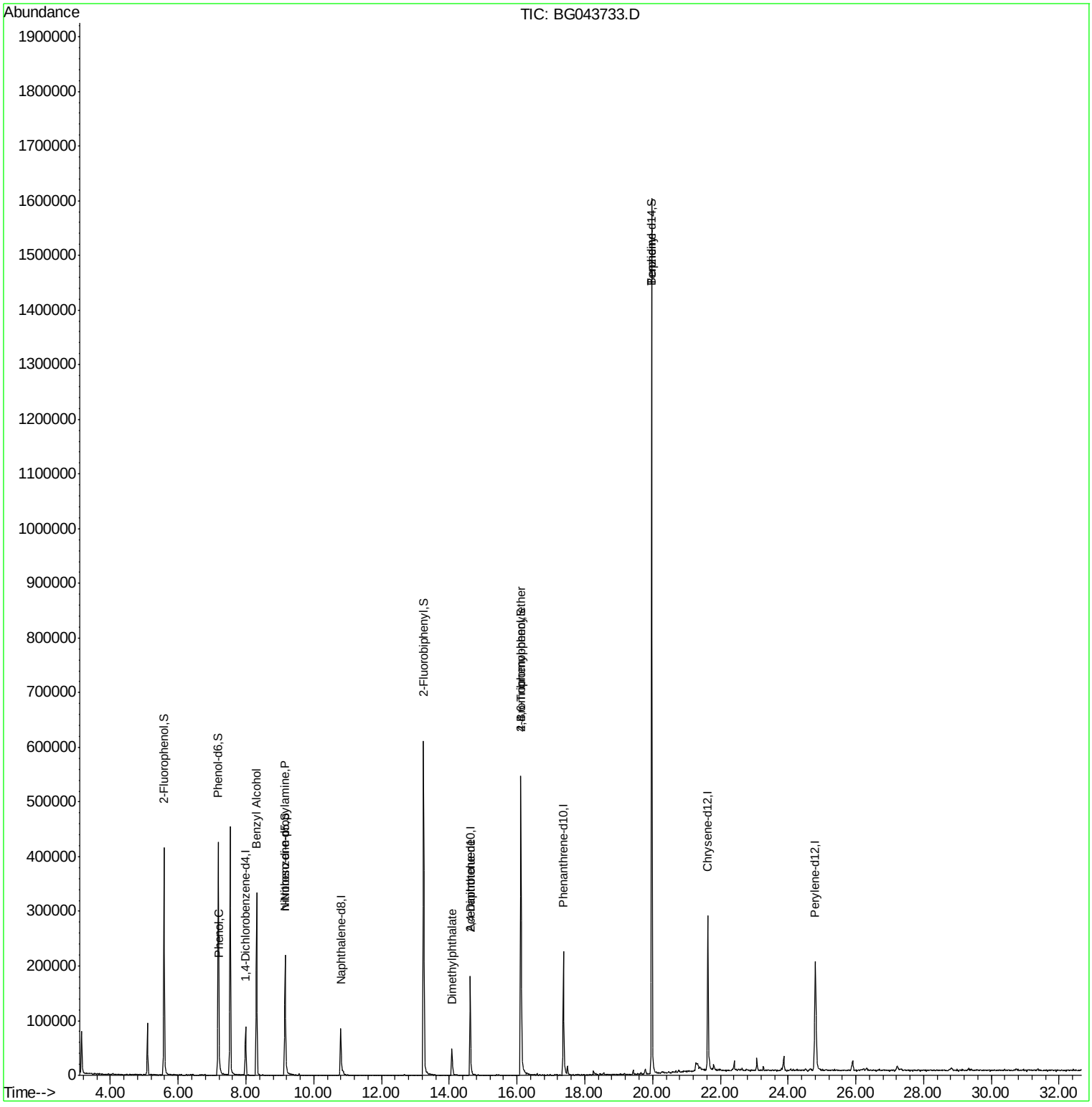
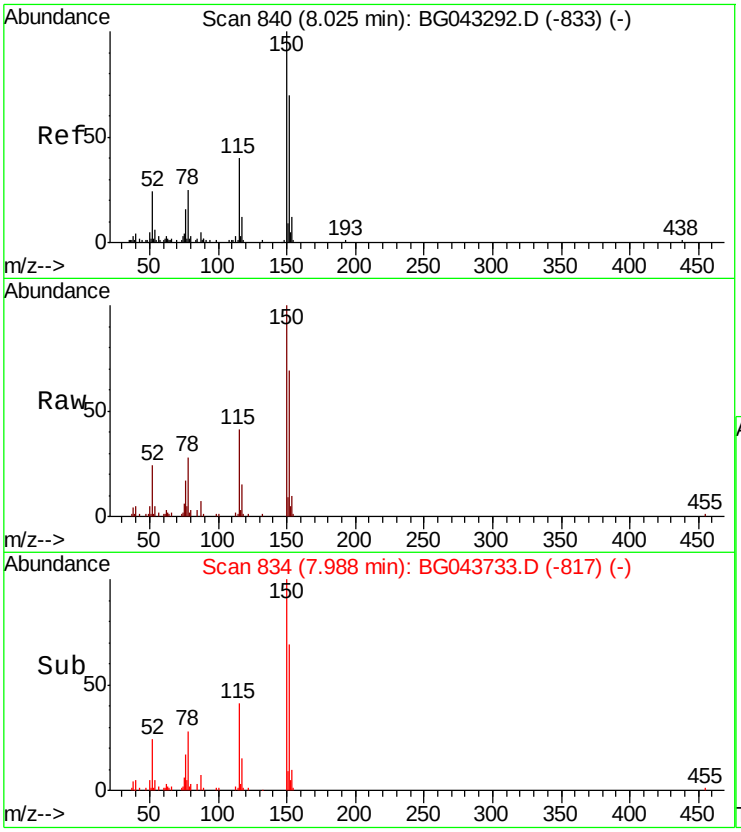


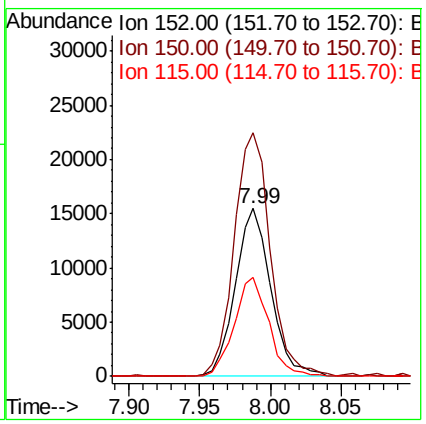


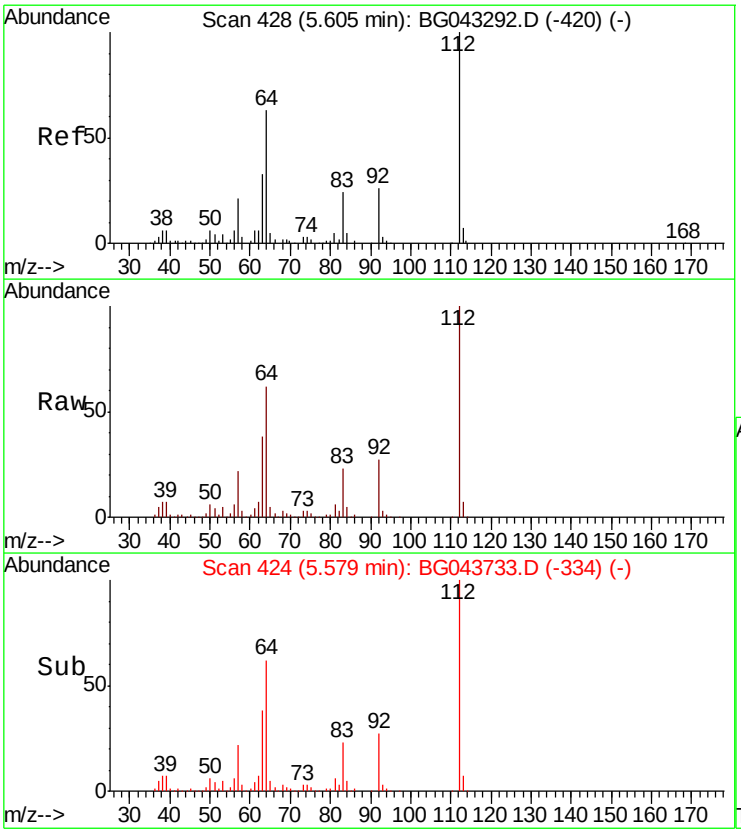
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27229

Ion	Ratio	Lower	Upper
152	100		
150	145.0	116.6	175.0
115	59.2	40.5	60.7

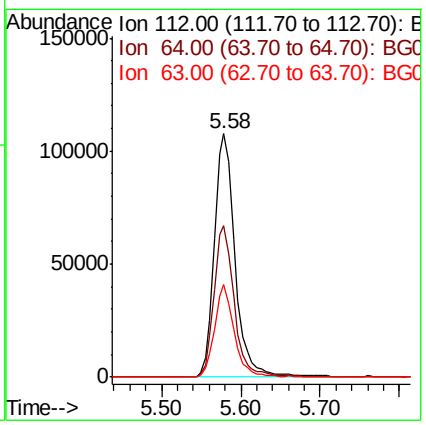


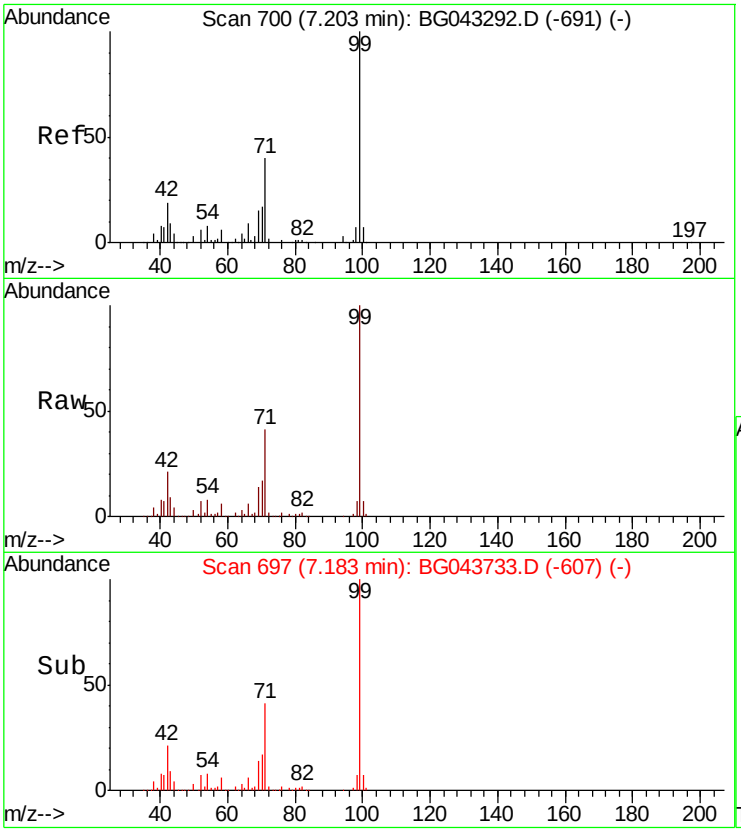


#5
2-Fluorophenol
Concen: 130.951 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion:112 Resp: 194585

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.6	75.8
63	38.3	30.5	45.7



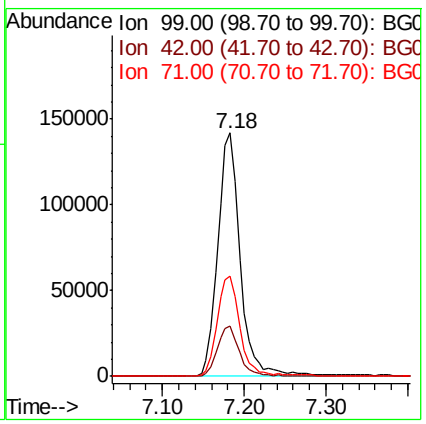


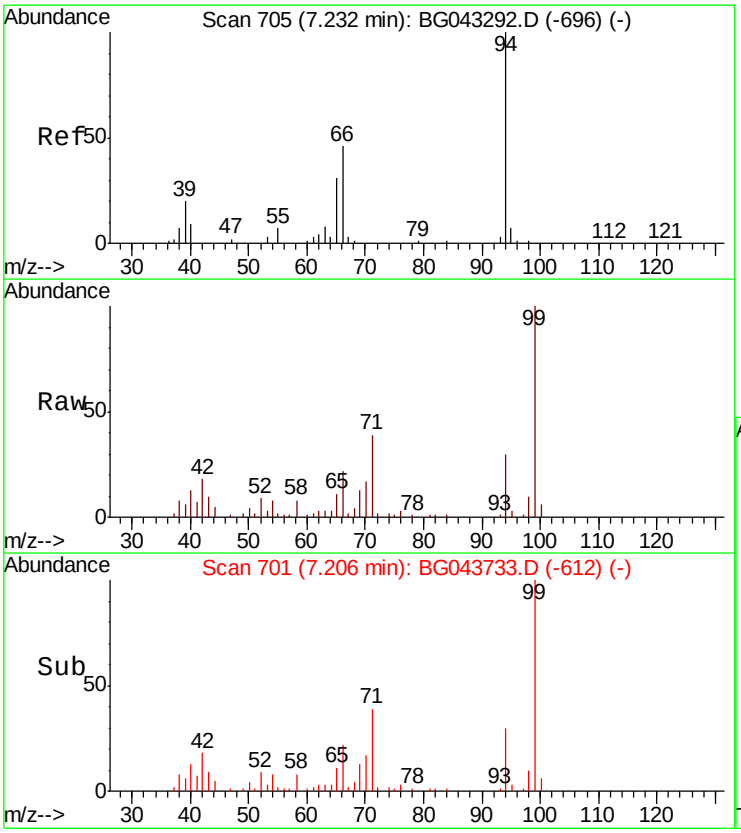
#7
Phenol-d6
Concen: 126.907 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 271316

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.8	23.8
71	40.9	34.4	51.6

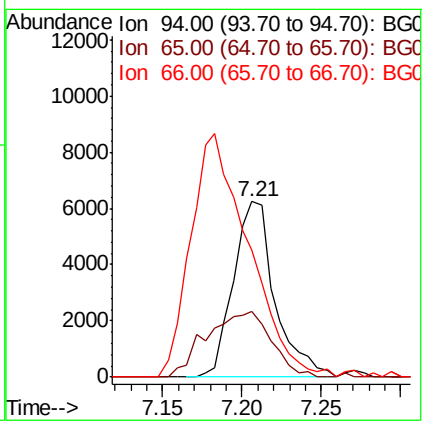


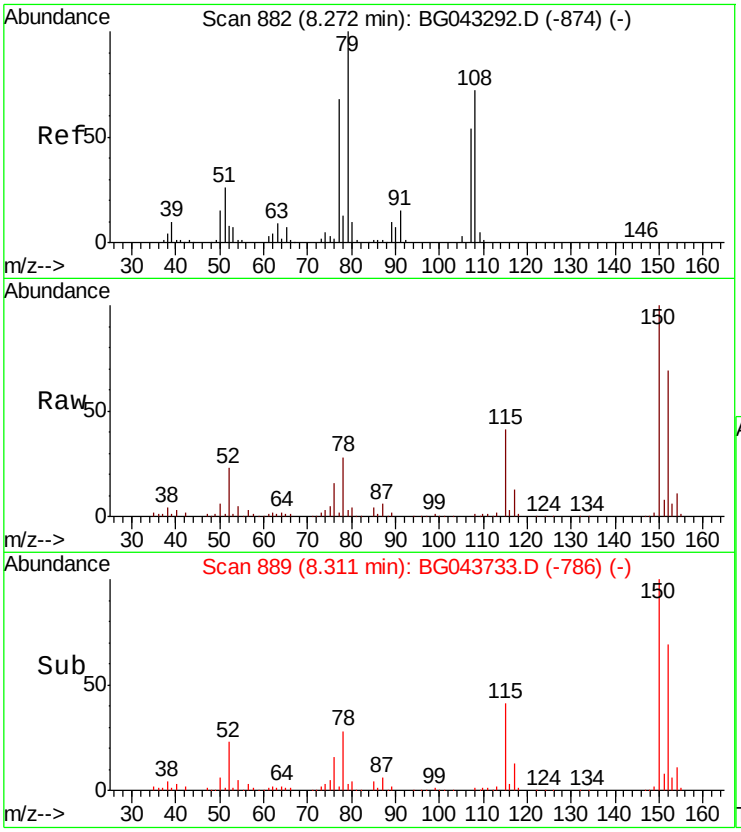


#10
Phenol
Concen: 5.817 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion: 94 Resp: 11364

Ion	Ratio	Lower	Upper
94	100		
65	37.7	11.4	51.4
66	72.5	28.4	68.4#



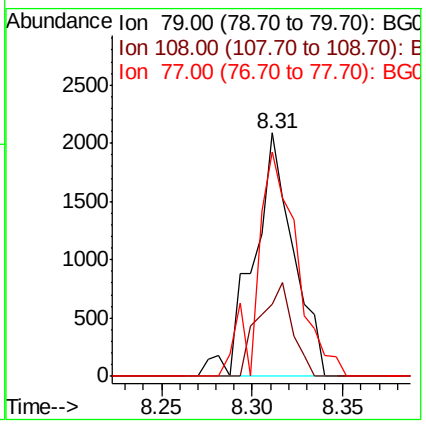


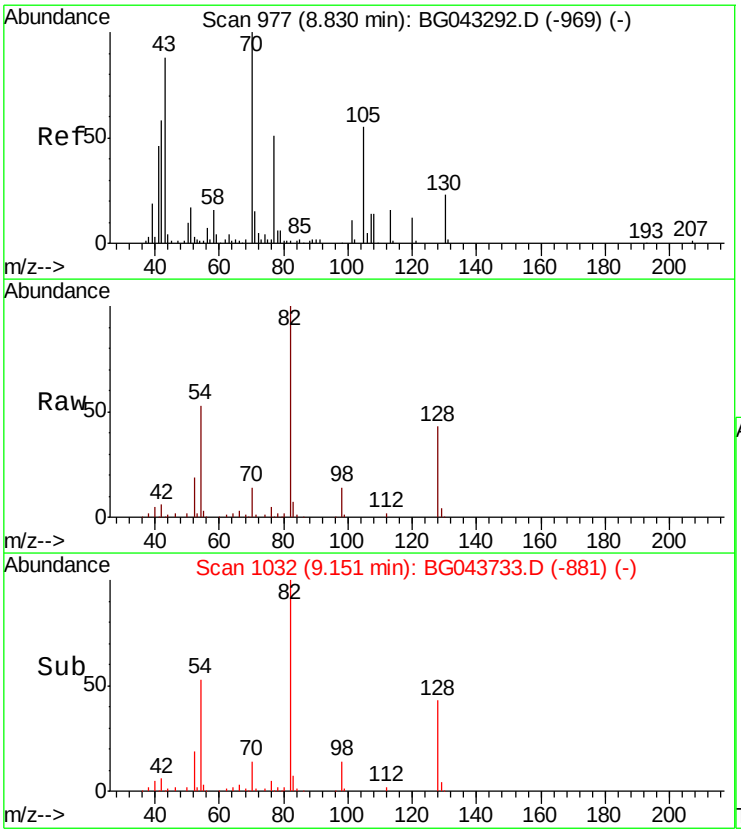
#15
Benzyl Alcohol
Concen: 2.148 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.07 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3225

Ion	Ratio	Lower	Upper
79	100		
108	29.8	56.0	84.0#
77	92.1	47.9	71.9#

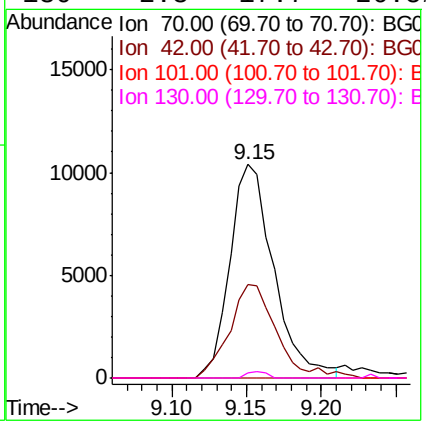


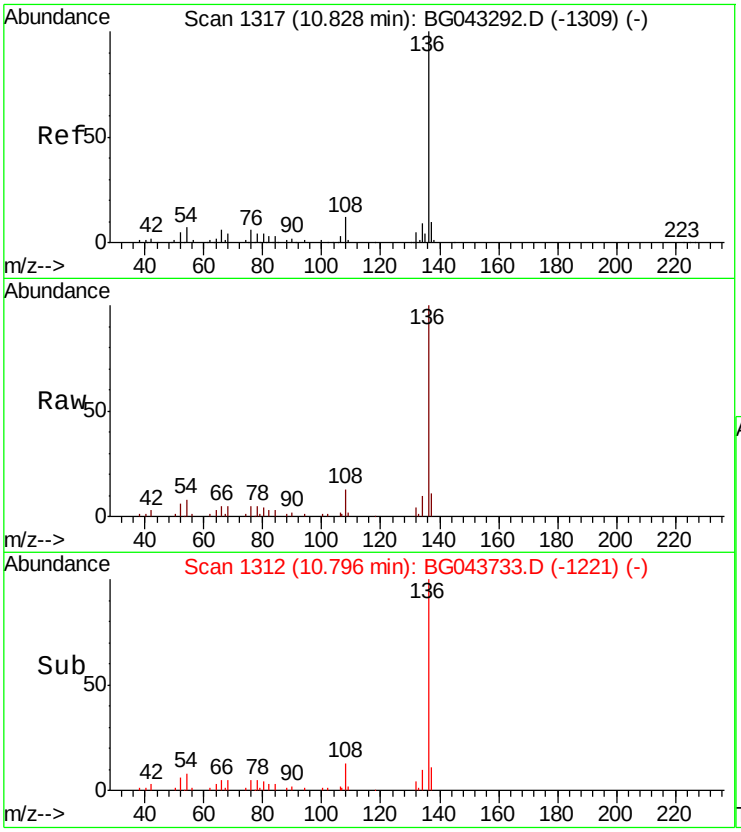


#19
n-Nitroso-di-n-propylamine
Concen: 15.405 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion: 70 Resp: 21282

Ion	Ratio	Lower	Upper
70	100		
42	43.5	49.7	74.5#
101	0.0	9.7	14.5#
130	2.3	17.7	26.5#



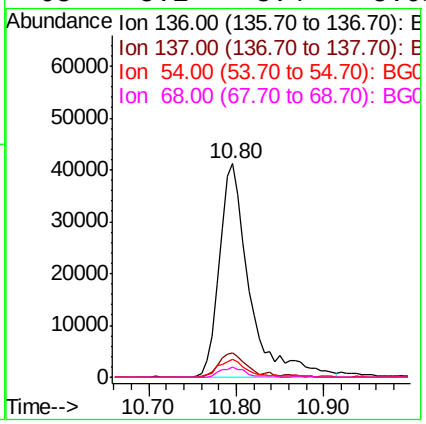


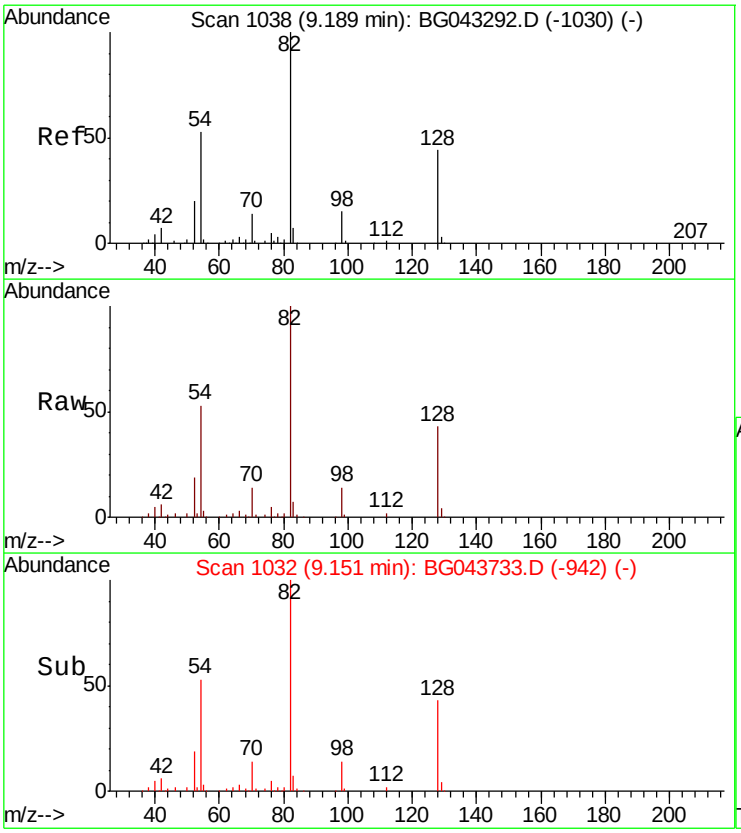
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 96705

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.4	6.2	9.2
68	5.1	3.4	5.0#

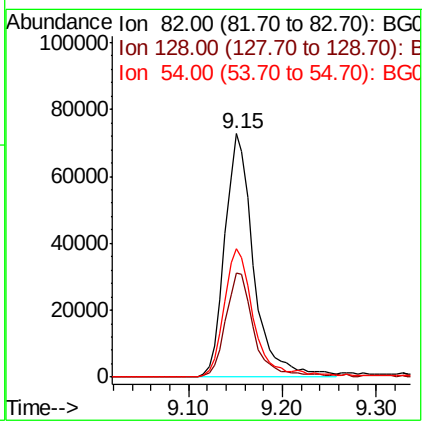


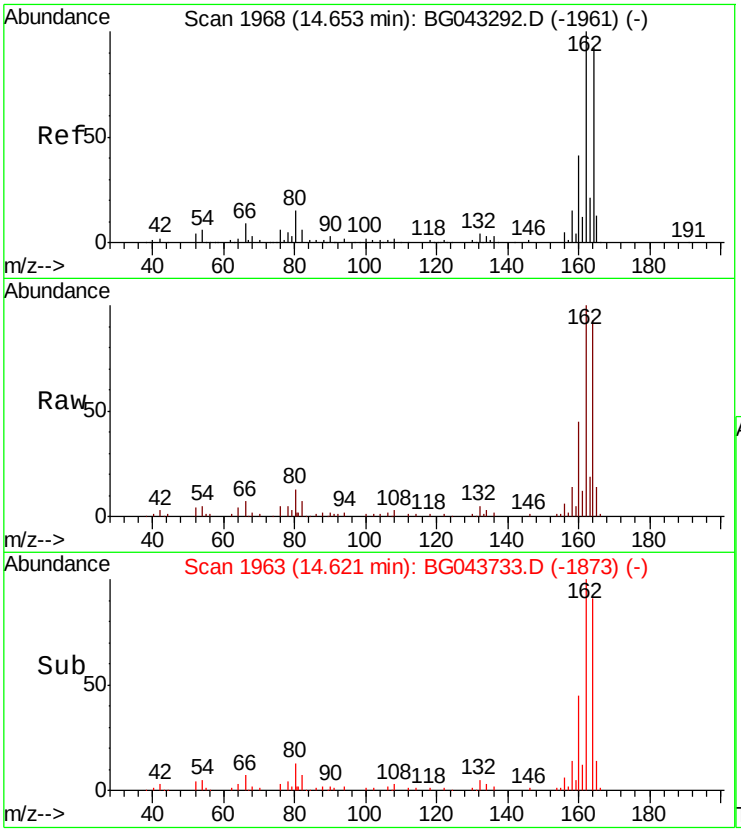


#23
Nitrobenzene-d5
Concen: 82.648 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion: 82 Resp: 155030

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.4
54	53.0	44.7	67.1



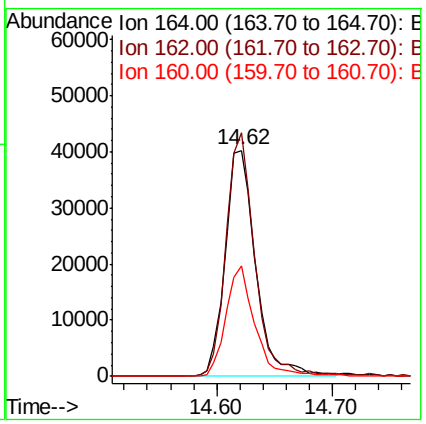


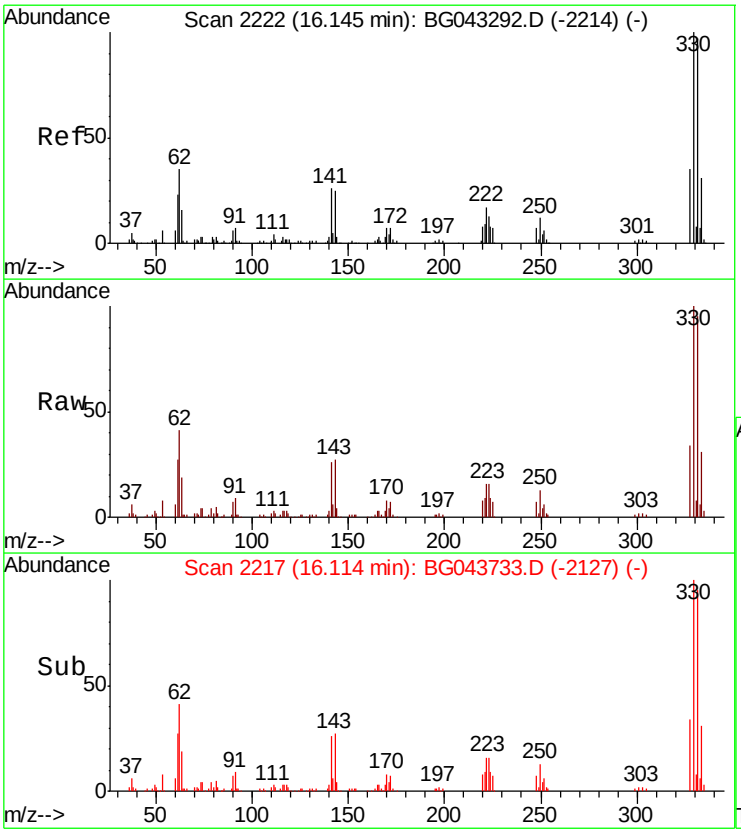
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 73830

Ion	Ratio	Lower	Upper
164	100		
162	107.6	79.4	119.2
160	48.9	36.3	54.5

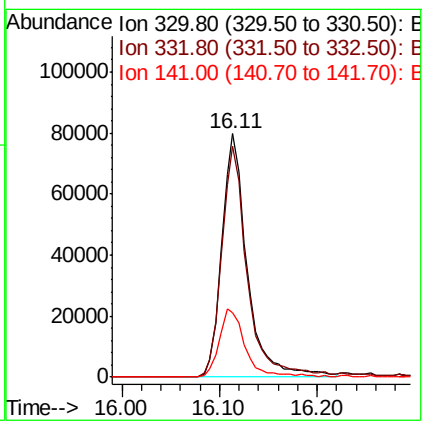


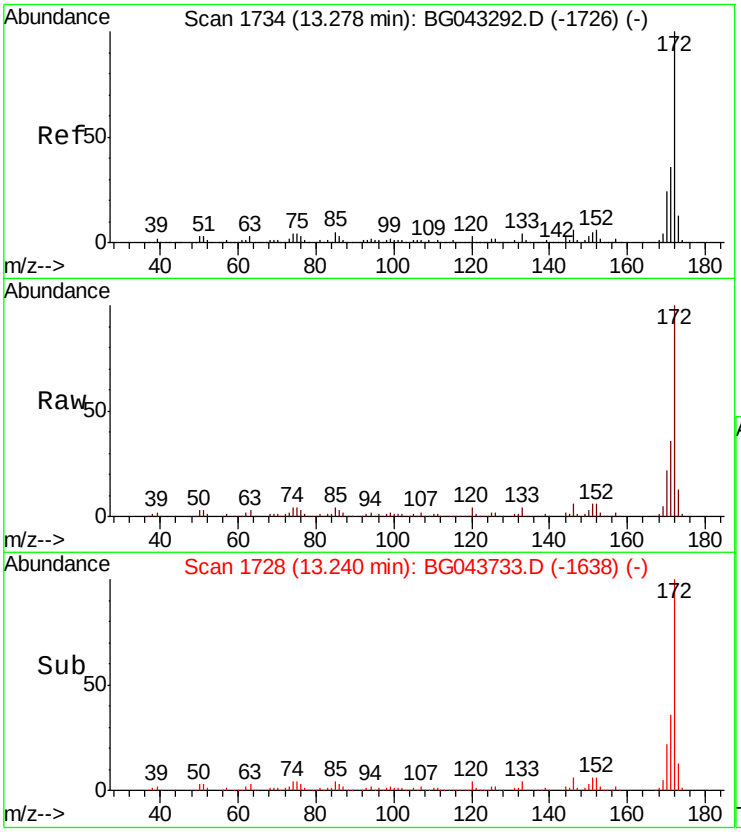


#42
2,4,6-Tribromophenol
Concen: 102.612 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion:330 Resp: 144168

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	28.5	23.4	35.2



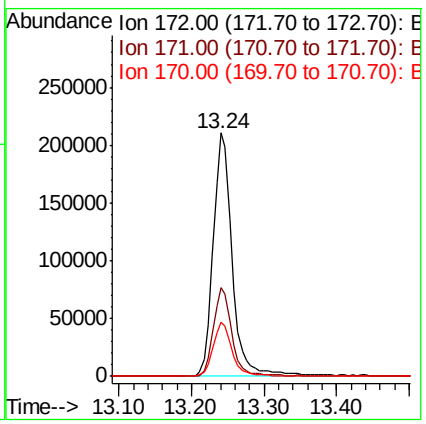


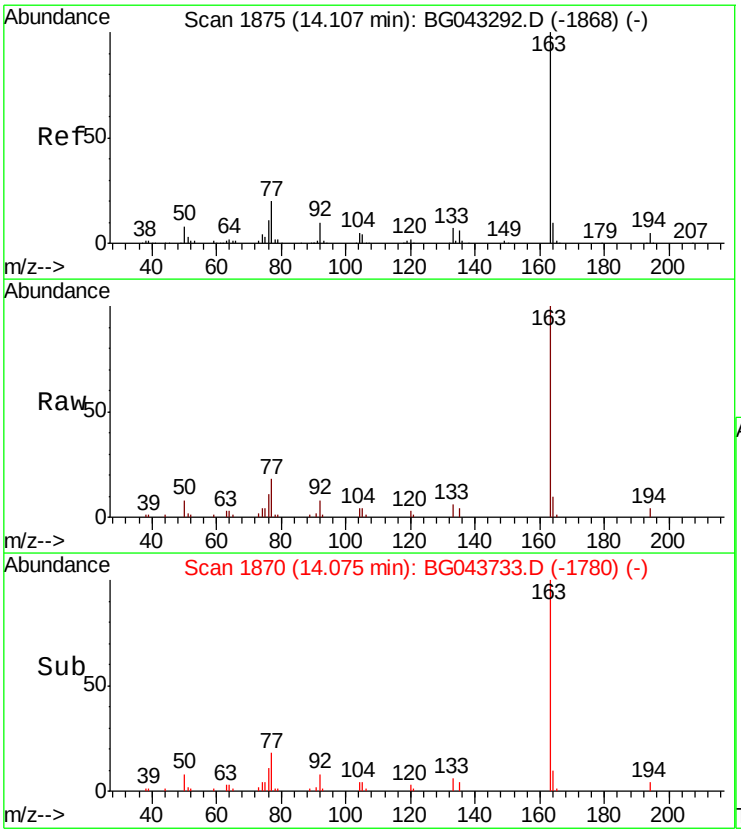
#45
2-Fluorobiphenyl
Concen: 72.126 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 385372

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.1	42.1
170	22.1	18.8	28.2

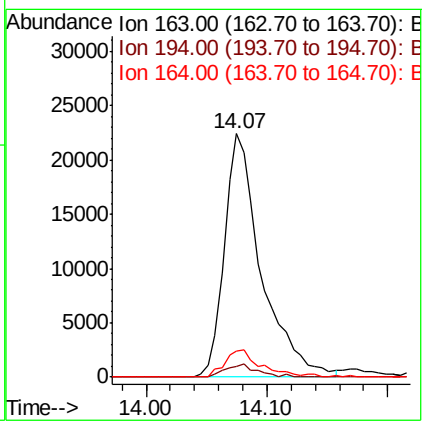


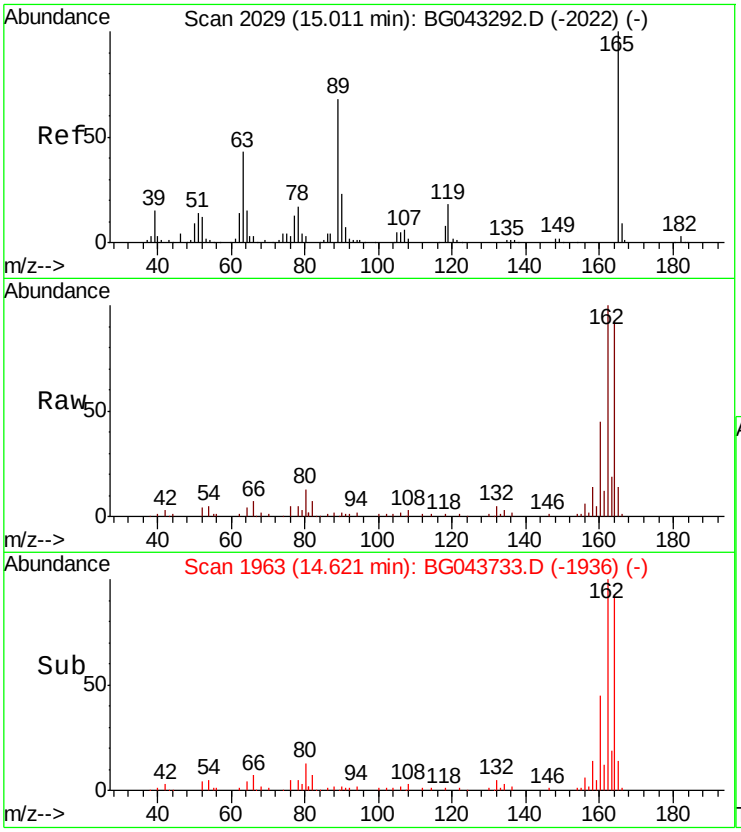


#50
Dimethylphthalate
Concen: 8.306 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion:163 Resp: 47498

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	10.5	8.5	12.7



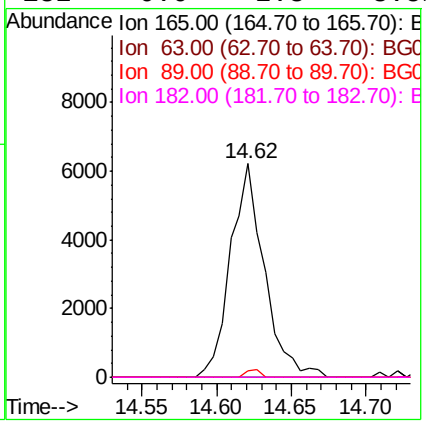


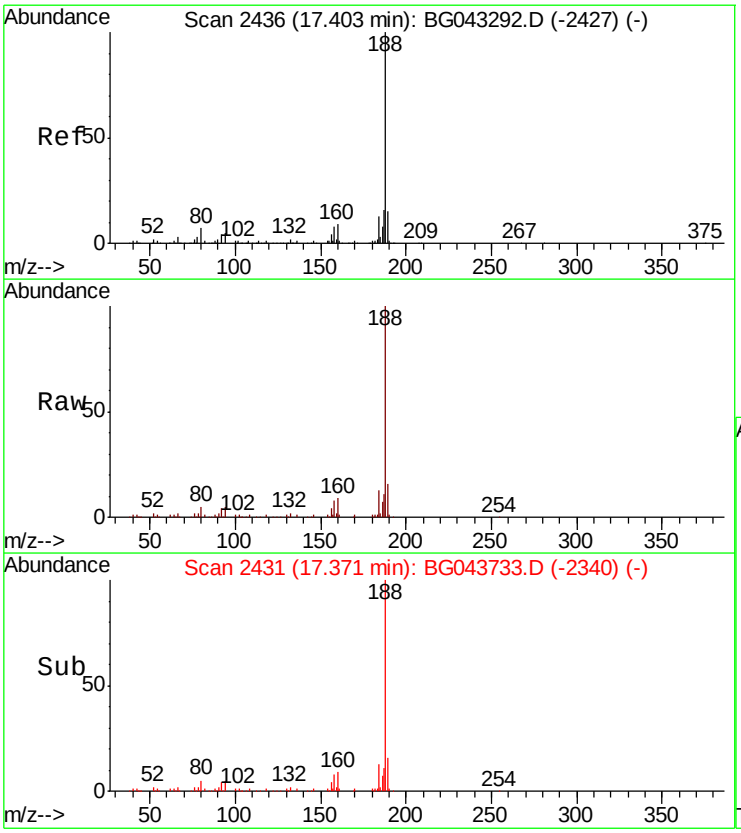
#57
2,4-Dinitrotoluene
Concen: 5.542 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9839

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	2.8	50.9	76.3#
182	0.0	2.3	3.5#

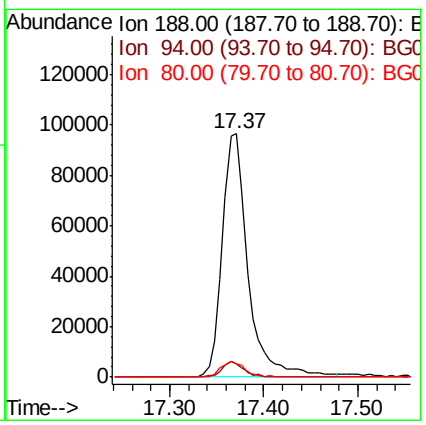


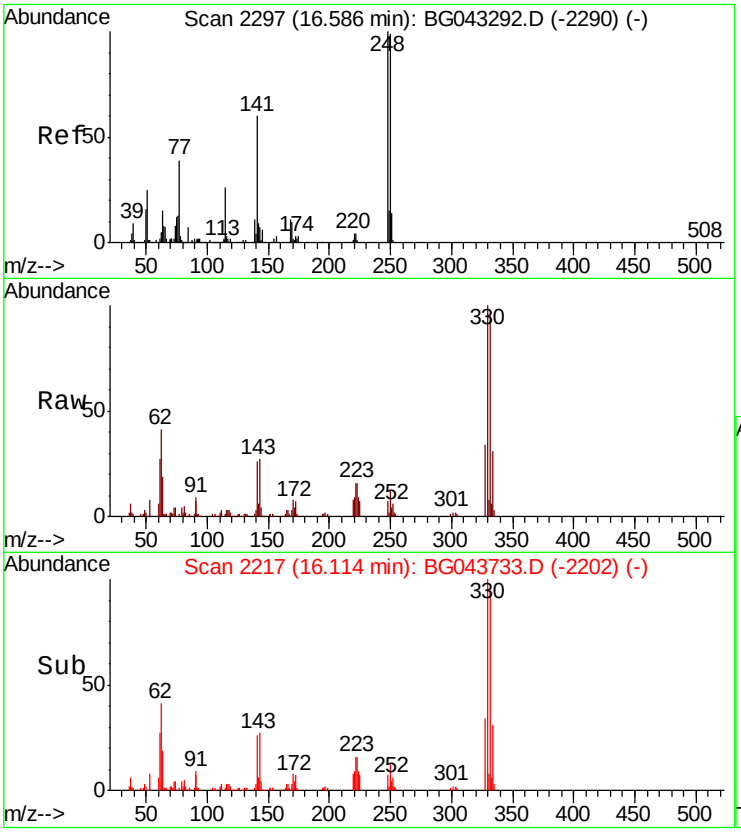


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion:188 Resp: 184101

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.6	7.0
80	5.2	5.2	7.8



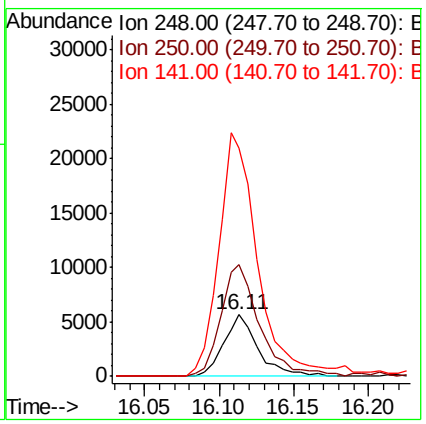


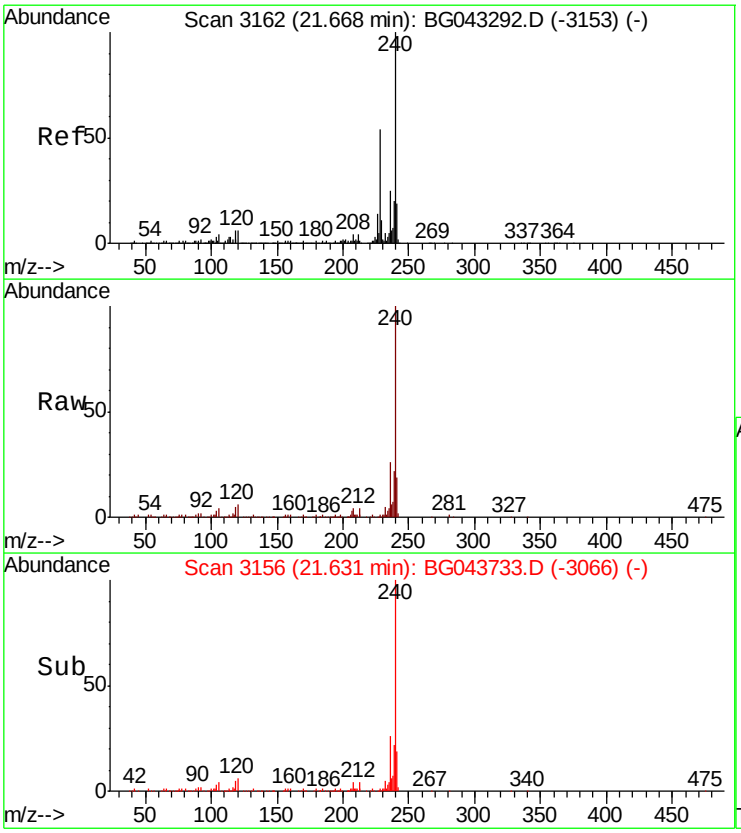
#67
4-Bromophenyl-phenylether
Concen: 3.687 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9134

Ion	Ratio	Lower	Upper
248	100		
250	181.2	76.3	114.5#
141	369.5	49.5	74.3#

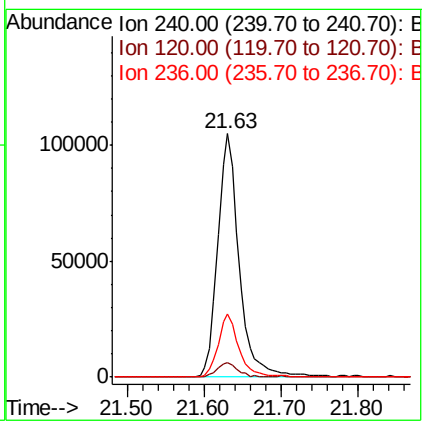


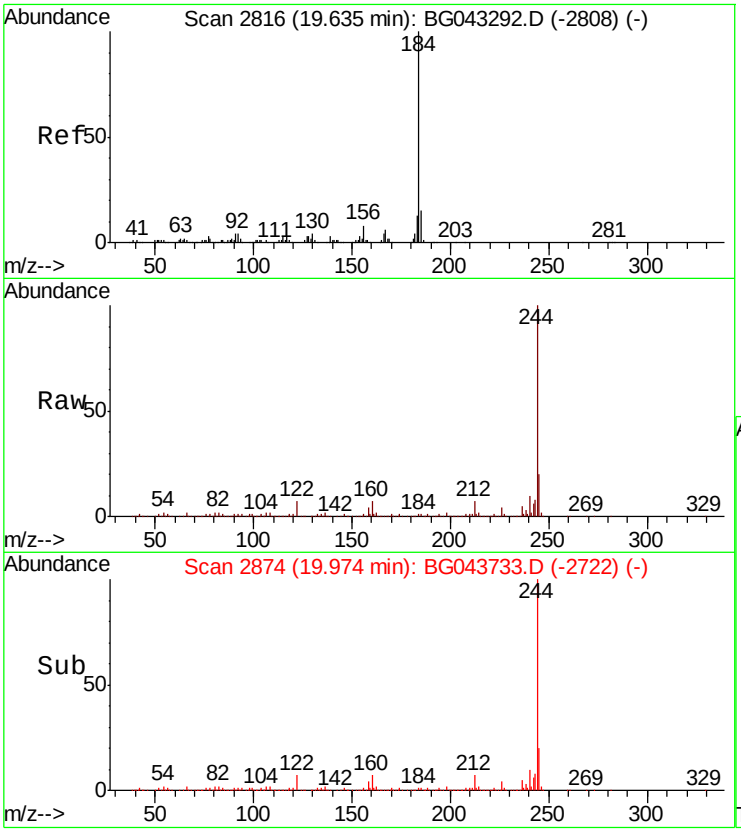


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion:240 Resp: 202890

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.9	7.3
236	26.0	21.4	32.0



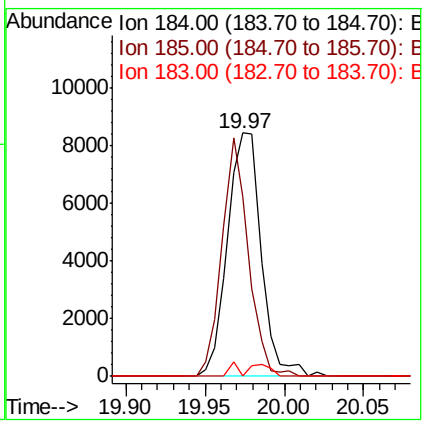


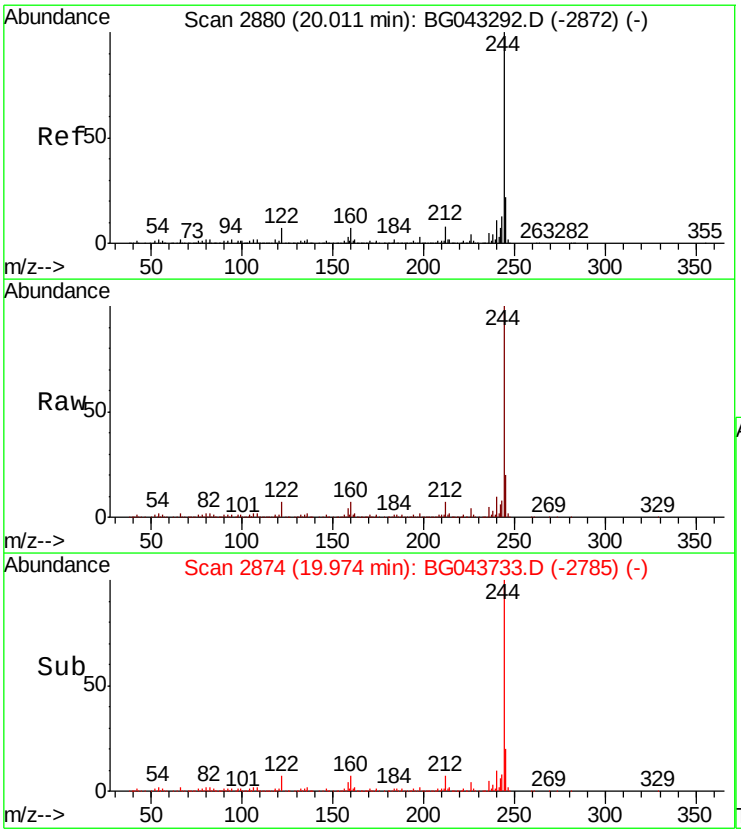
#77
Benzidine
Concen: 3.038 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.36 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 12404

Ion	Ratio	Lower	Upper
184	100		
185	73.8	12.7	19.1#
183	0.0	8.8	13.2#

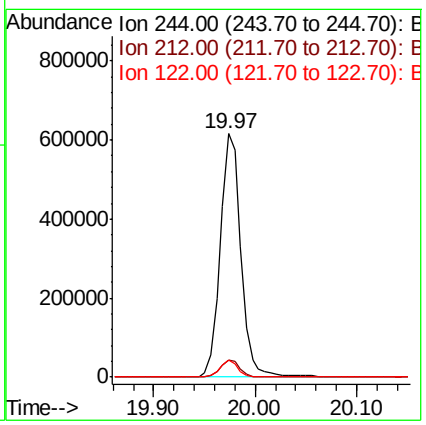


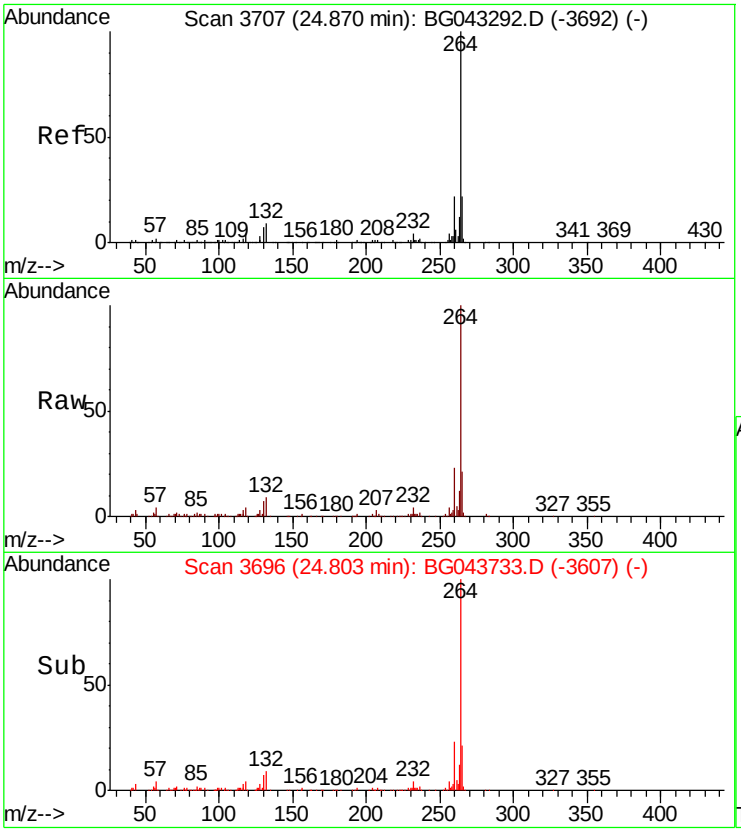


#79
Terphenyl-d14
Concen: 80.540 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Tgt Ion:244 Resp: 871016

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.8	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG043733.D
Acq: 20 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 231437

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.3	15.8	23.8