Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041172.D
Acq On : 10 Jun 2019 20:48
Operator : HP/JU
Sample : K3193-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-4-OW

Quant Time: Jun 11 03:50:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48207	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	188411	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	142343	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	345342	20.00	ng	0.00
76) Chrysene-d12	21.75	240	338113	20.00	ng	0.00
87) Perylene-d12	25.09	264	324878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	126178	47.20	ng	0.00
7) Phenol-d6	7.25	99	194586	47.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	378910	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	189617	89.73	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	894426	90.49	ng	0.00
79) Terphenyl-d14	20.07	244	1269251	79.67	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	54789	17.244	ng	# 77
51) 2,6-Dinitrotoluene	14.74	165	18577	7.151	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	18577	5.062	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.23	198	557	8.837	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	13407	2.877	ng	# 1
70) Pentachlorophenol	16.94	266	57	4.276	ng	# 18
77) Benzidine	20.07	184	21204	2.629	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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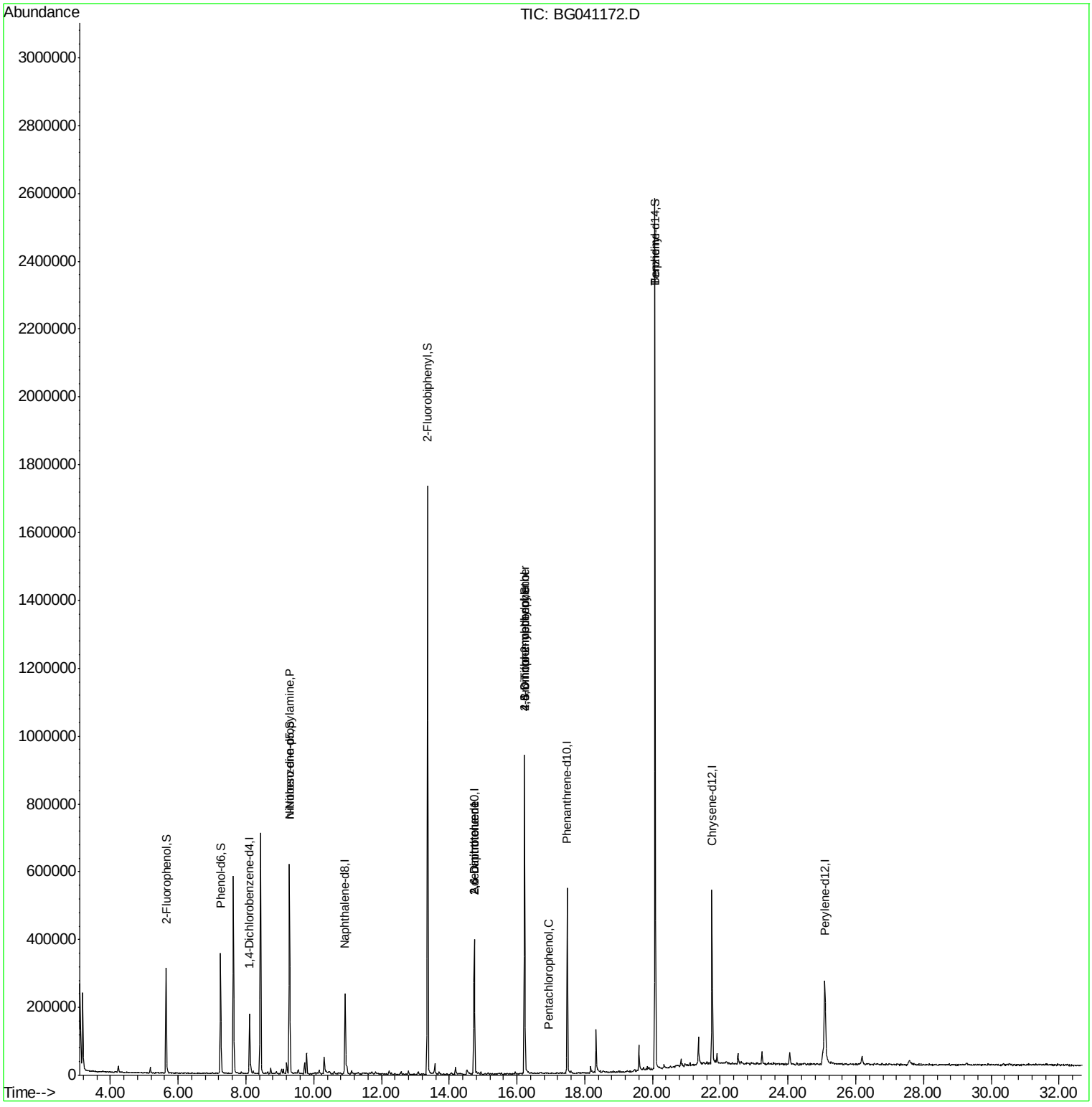
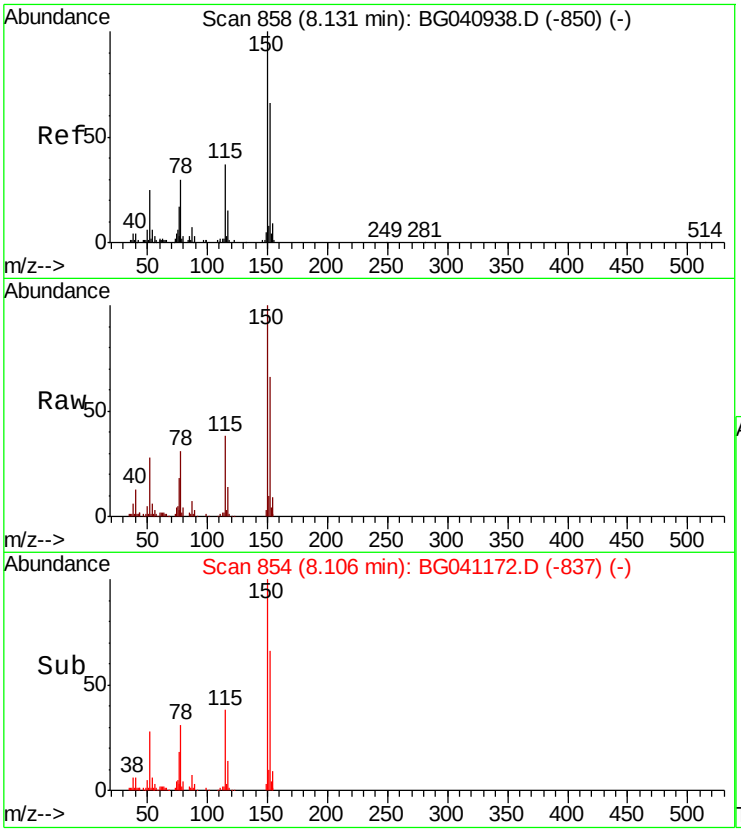


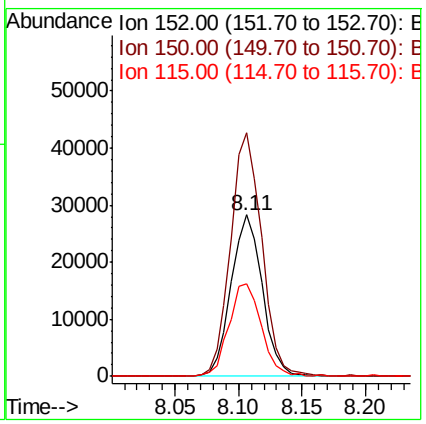


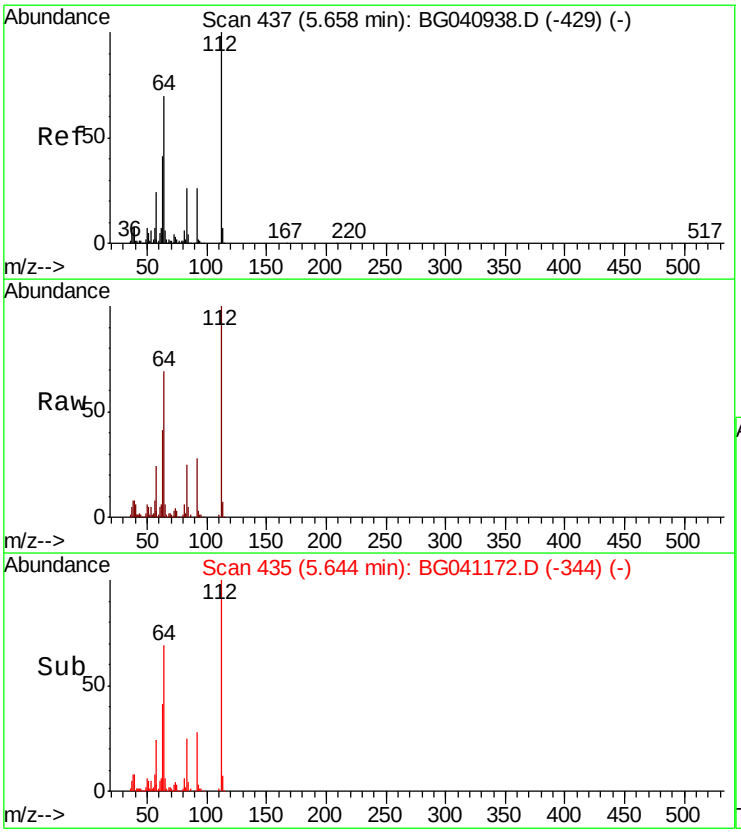
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:152 Resp: 48207

Ion	Ratio	Lower	Upper
152	100		
150	150.9	120.6	180.8
115	57.5	45.1	67.7

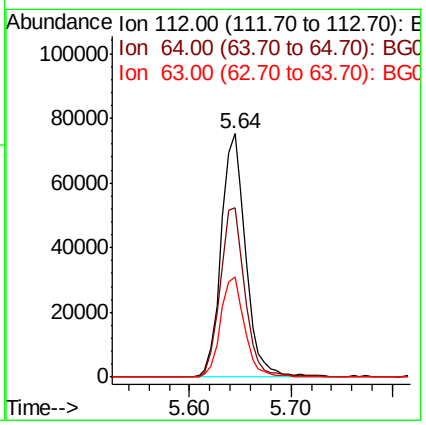


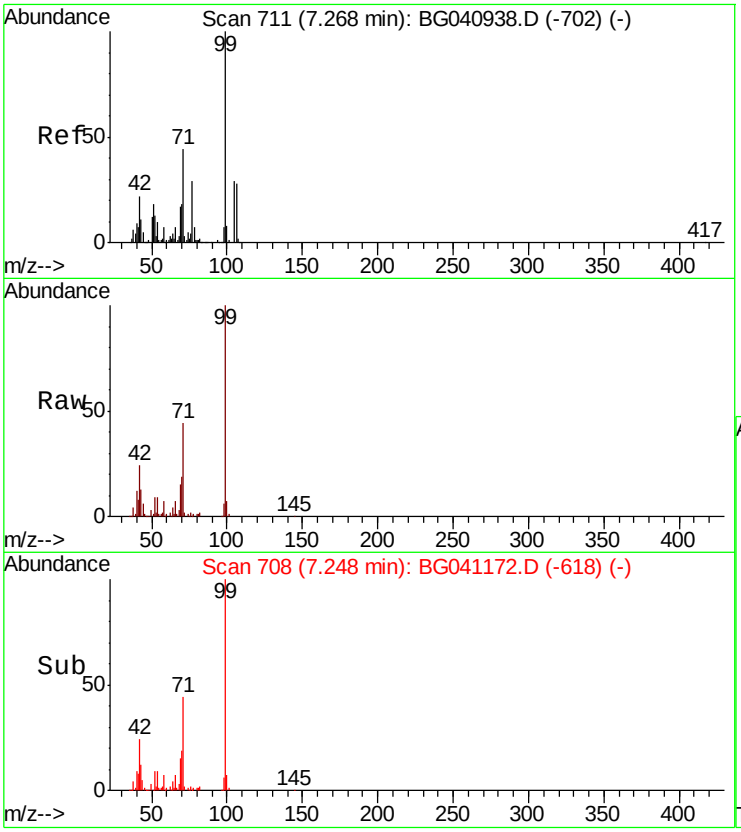


#5
2-Fluorophenol
Concen: 47.198 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:112 Resp: 126178

Ion	Ratio	Lower	Upper
112	100		
64	69.5	56.2	84.2
63	41.2	32.8	49.2



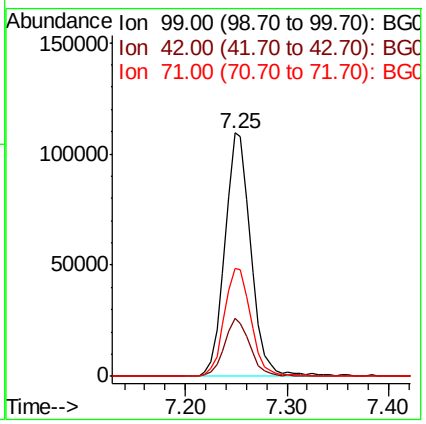


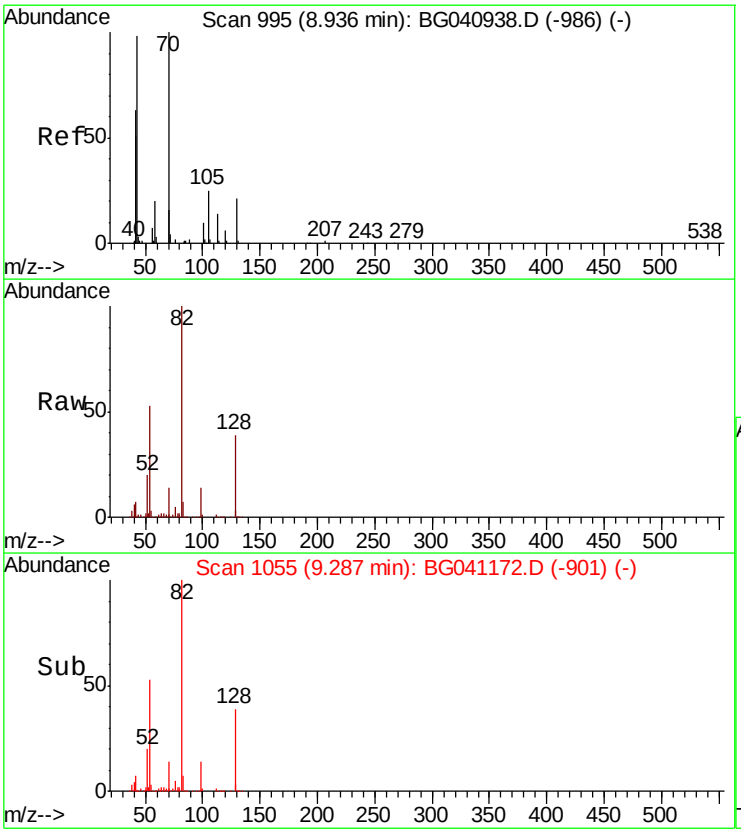
#7
Phenol-d6
Concen: 47.129 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion: 99 Resp: 194586

Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.9	26.9
71	44.3	35.4	53.0

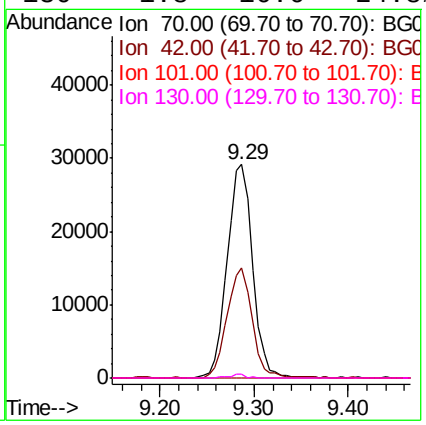


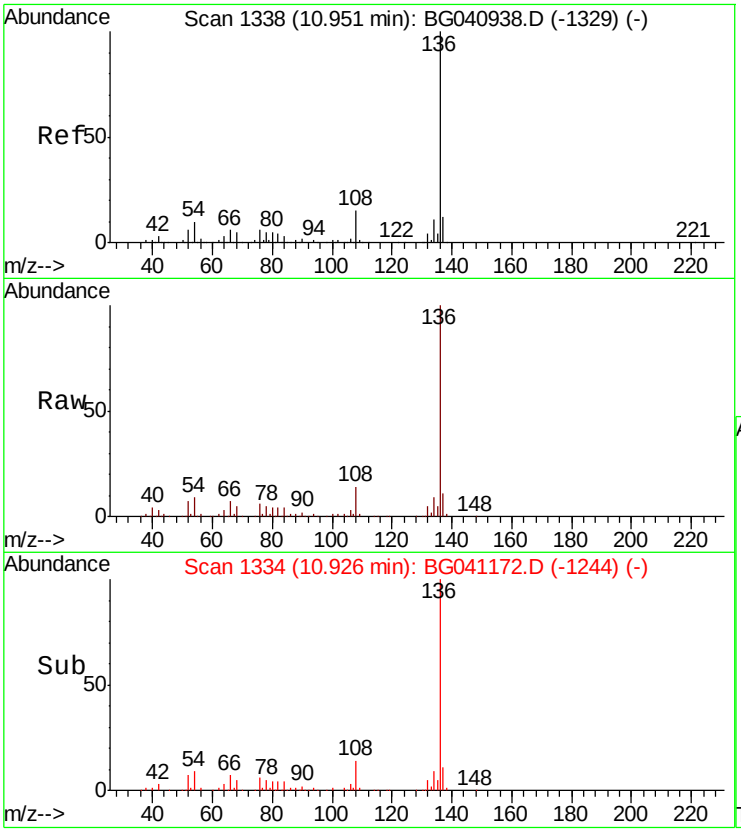


#19
n-Nitroso-di-n-propylamine
Concen: 17.244 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.38 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 70 Resp: 54789

Ion	Ratio	Lower	Upper
70	100		
42	51.7	51.5	77.3
101	0.0	8.1	12.1#
130	1.8	16.6	24.8#



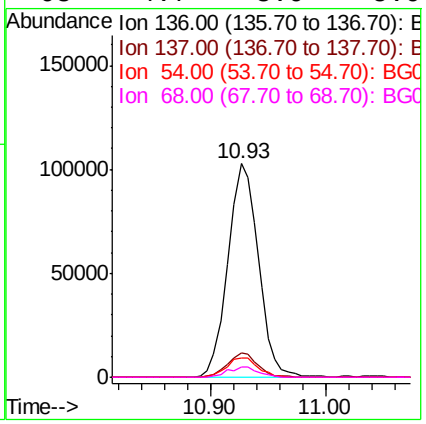


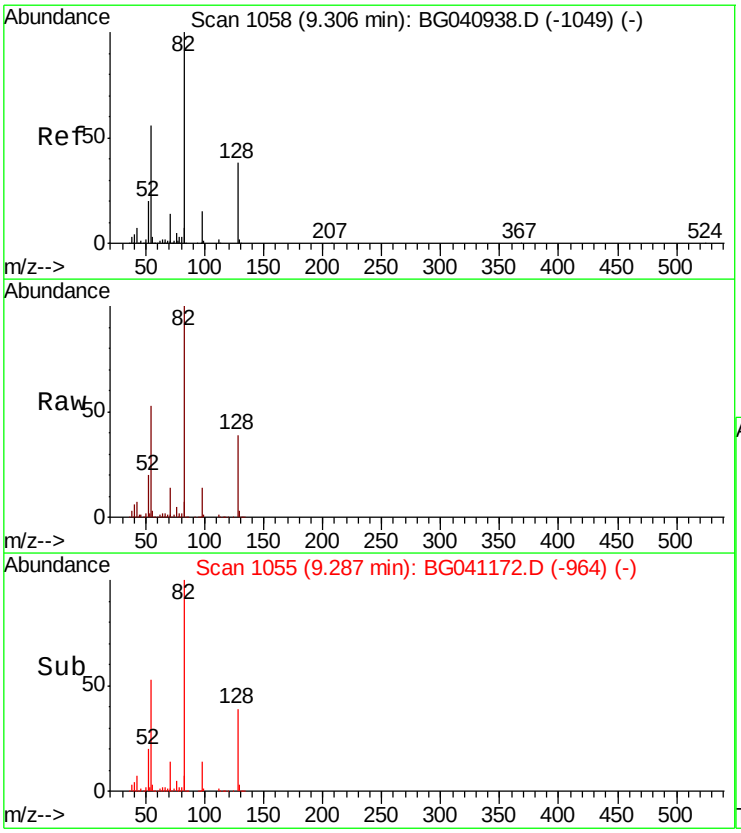
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:136 Resp: 188411

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	8.8	7.6	11.4
68	4.7	3.9	5.9

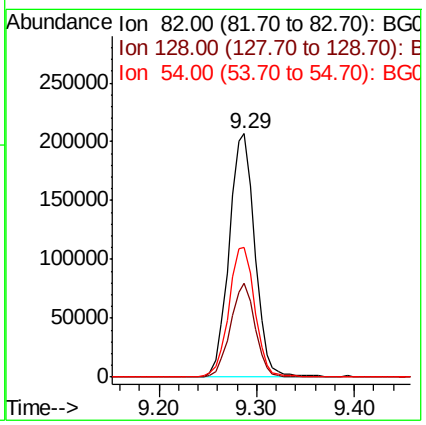


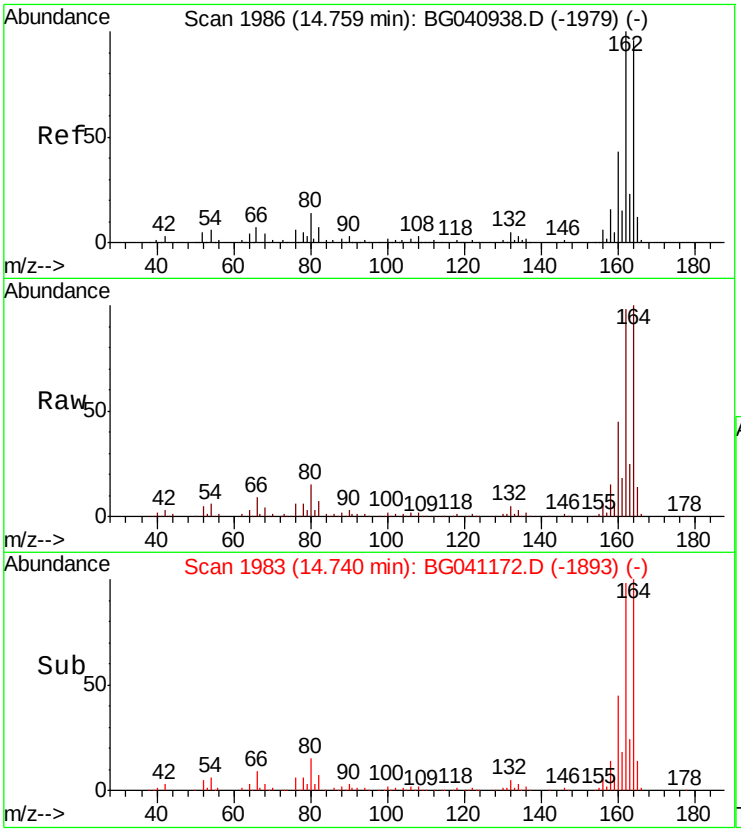


#23
Nitrobenzene-d5
Concen: 89.279 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion: 82 Resp: 378910

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	53.1	44.6	66.8



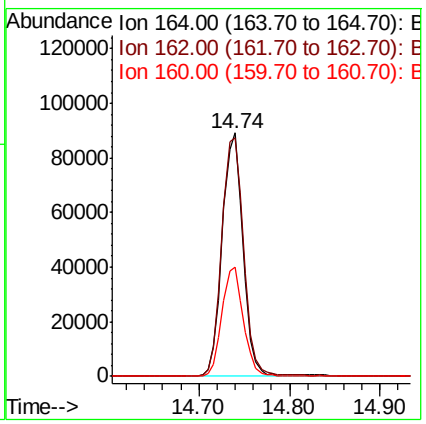


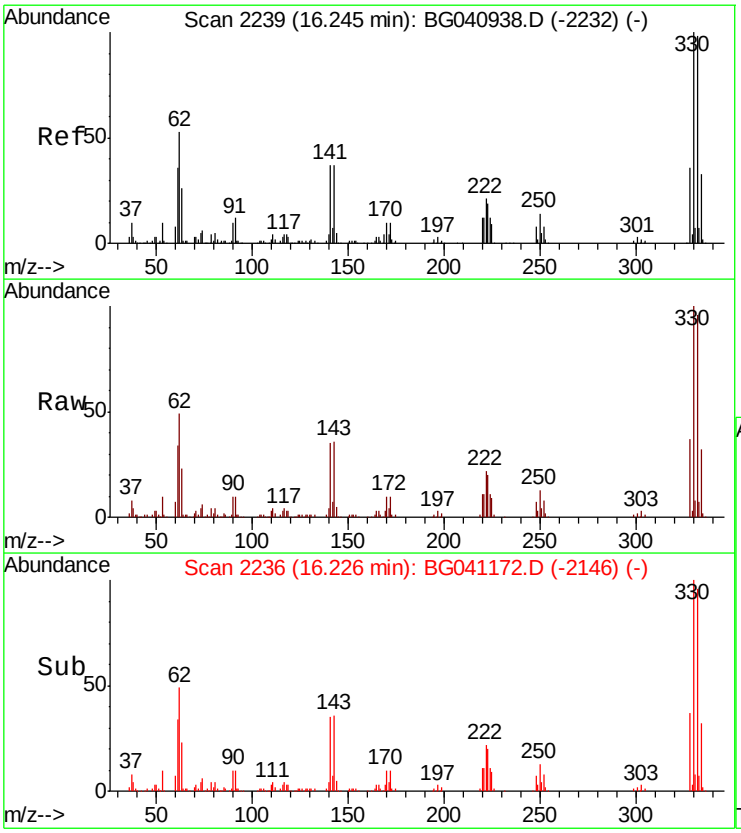
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:164 Resp: 142343

Ion	Ratio	Lower	Upper
164	100		
162	97.8	83.0	124.4
160	45.1	35.6	53.4

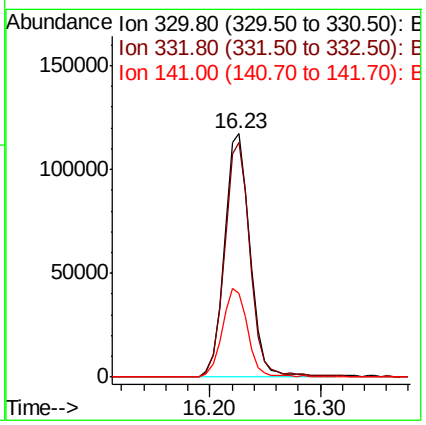


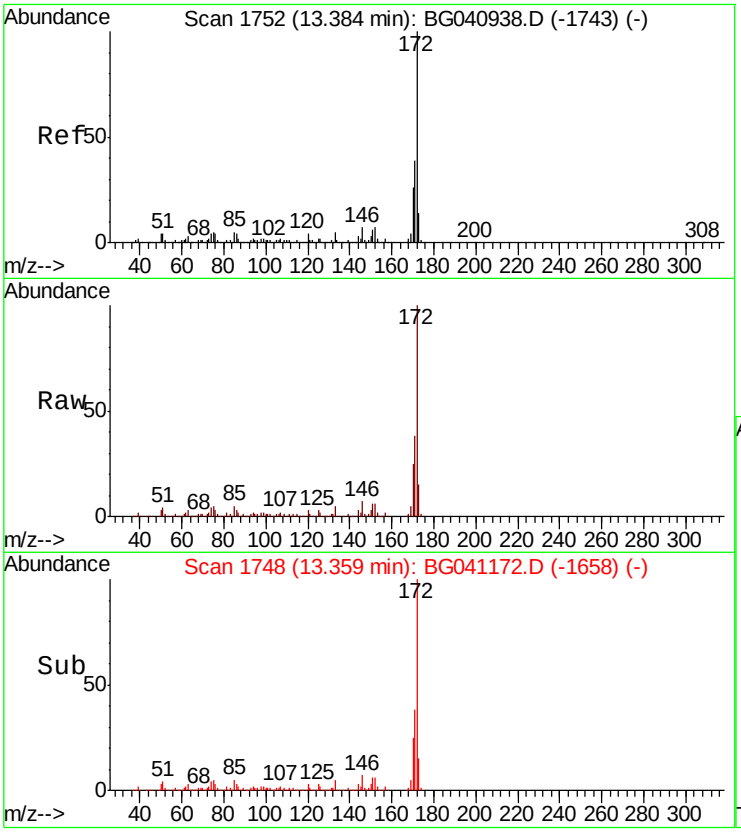


#42
2,4,6-Tribromophenol
Concen: 89.731 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:330 Resp: 189617

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	35.7	28.7	43.1



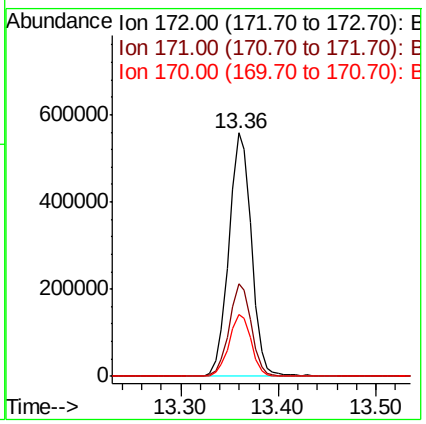


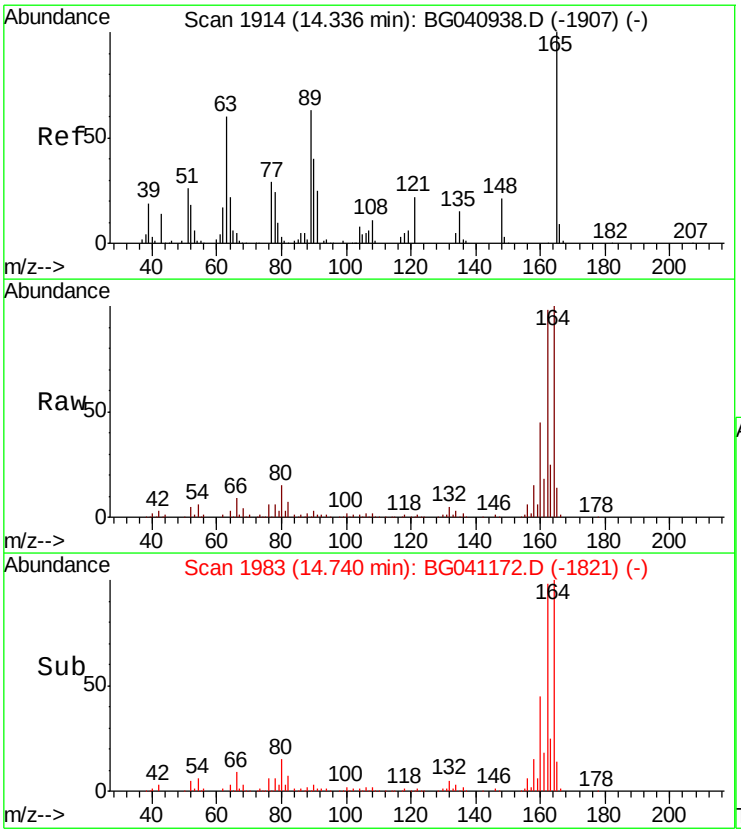
#45
2-Fluorobiphenyl
Concen: 90.491 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:172 Resp: 894426

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.3	20.5	30.7

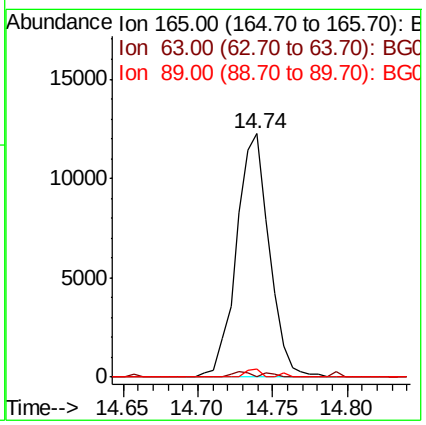


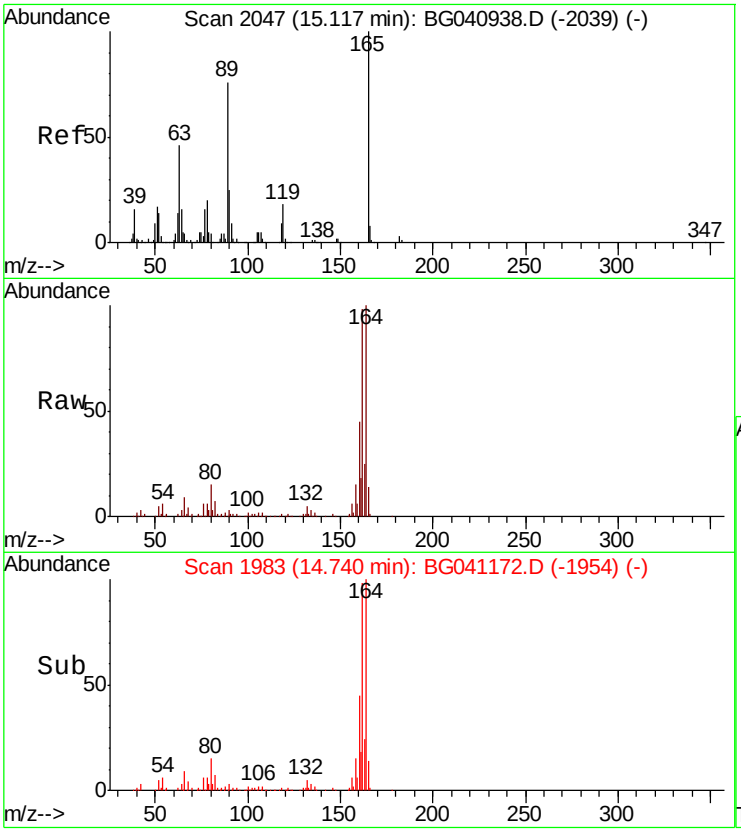


#51
2,6-Dinitrotoluene
Concen: 7.151 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.42 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:165 Resp: 18577

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	3.1	50.4	75.6#



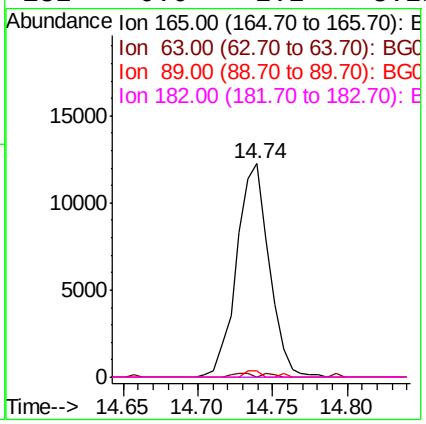


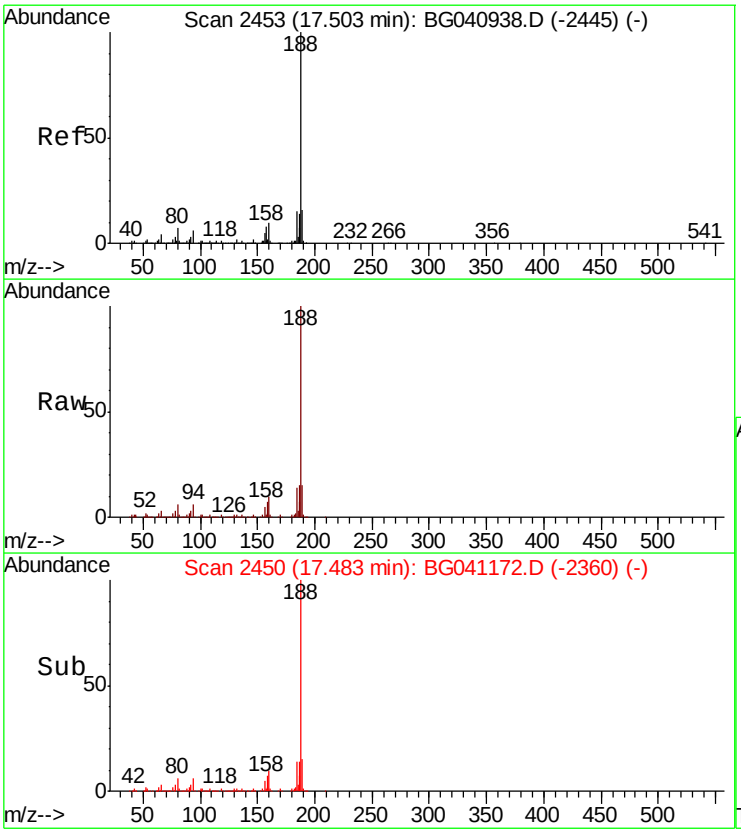
#57
2,4-Dinitrotoluene
Concen: 5.062 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.36 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:165 Resp: 18577

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	3.1	61.0	91.6#
182	0.0	2.2	3.2#

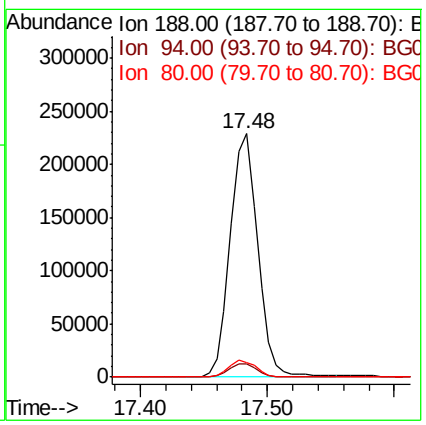


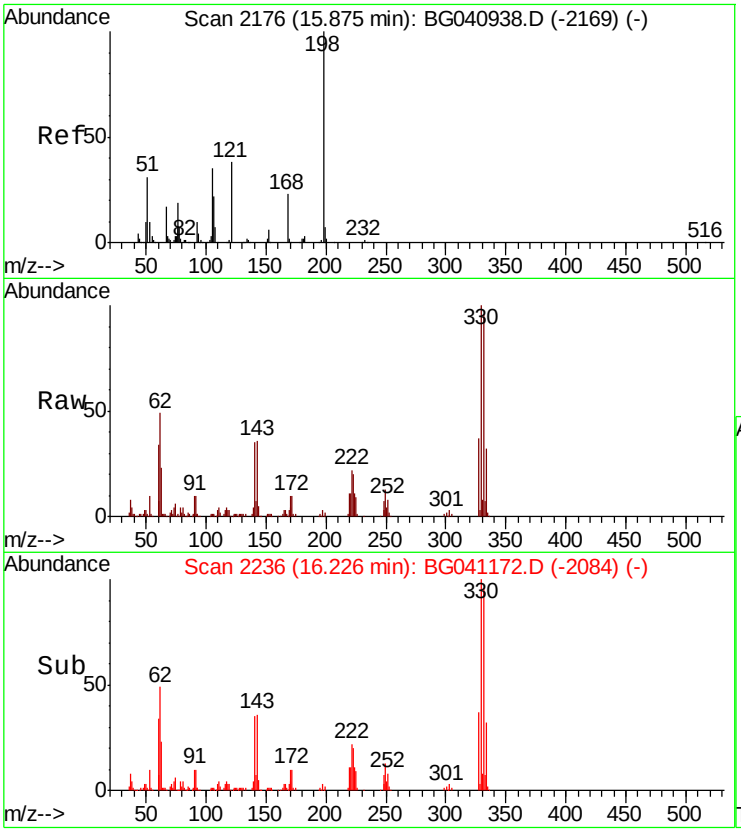


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:188 Resp: 345342

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	5.8	5.8	8.8#



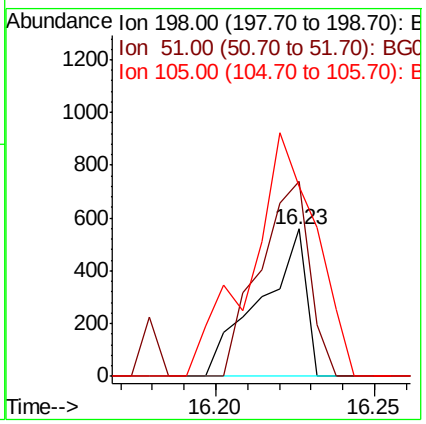


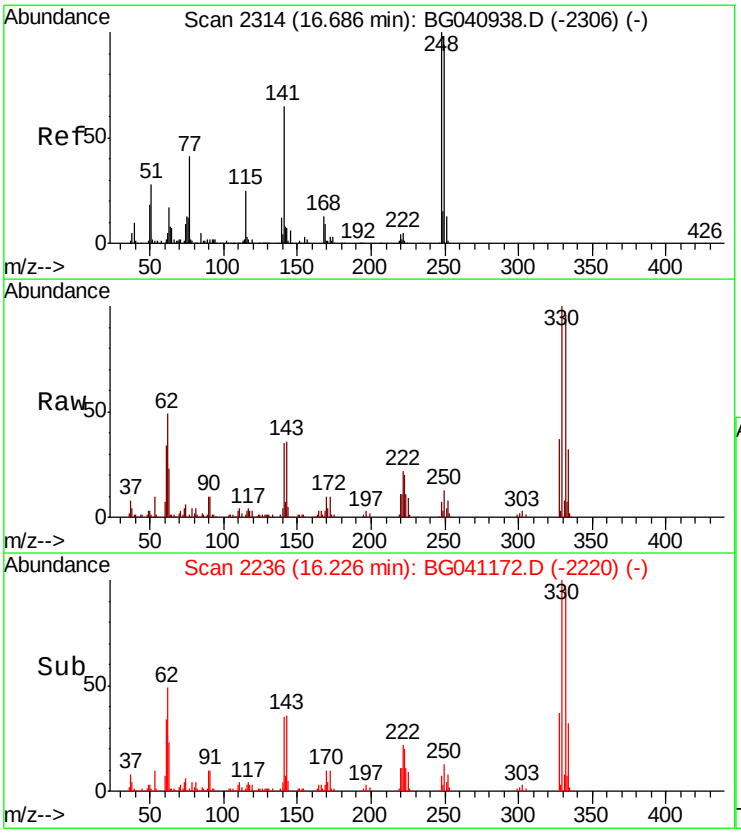
#65
4,6-Dinitro-2-methylphenol
Concen: 8.837 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.37 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:198 Resp: 557

Ion	Ratio	Lower	Upper
198	100		
51	132.7	21.6	61.6#
105	129.4	17.5	57.5#

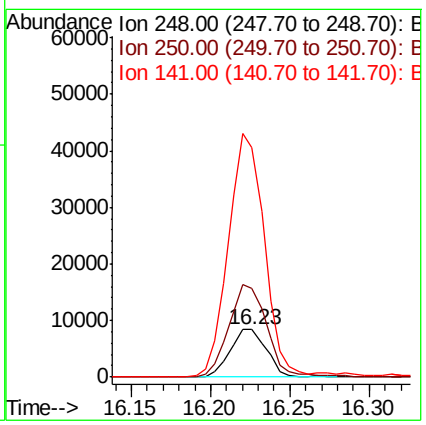


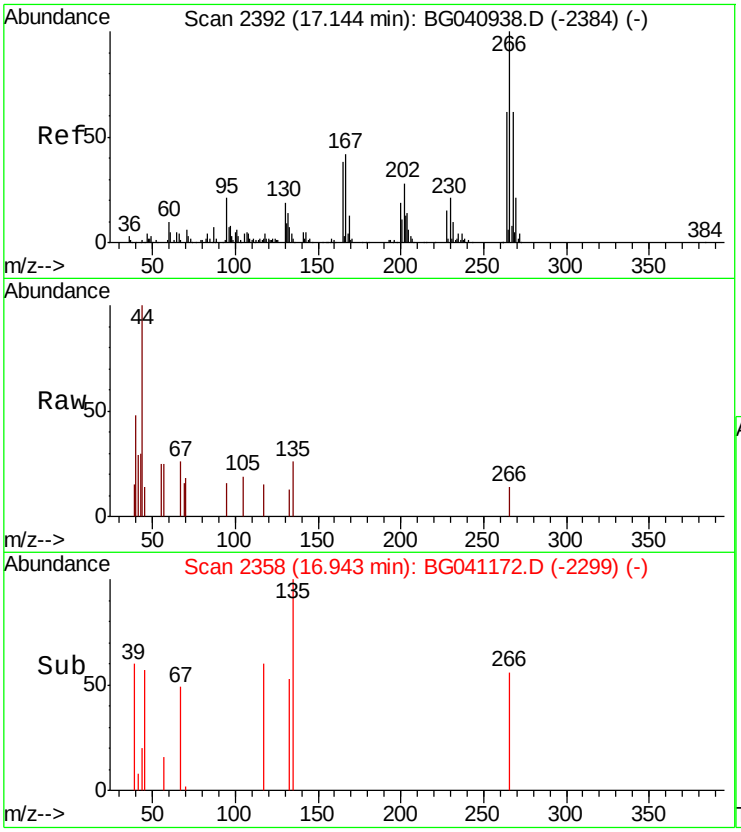


#67
4-Bromophenyl-phenylether
Concen: 2.877 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.43 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:248 Resp: 13407

Ion	Ratio	Lower	Upper
248	100		
250	185.9	75.0	112.4#
141	482.1	52.4	78.6#



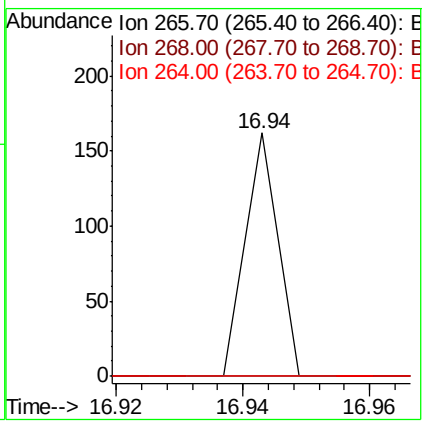


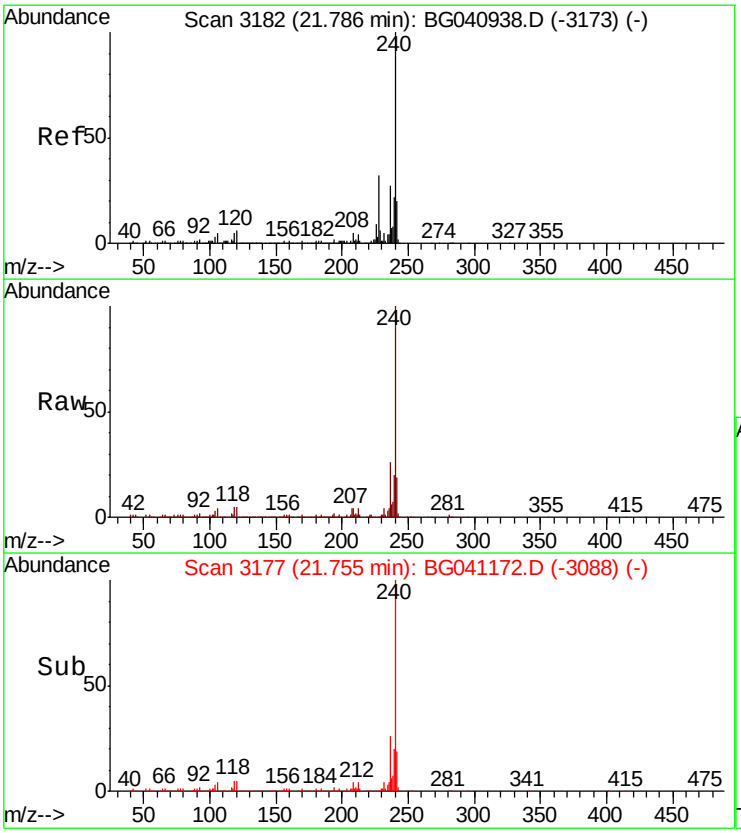
#70
Pentachlorophenol
Concen: 4.276 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.18 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

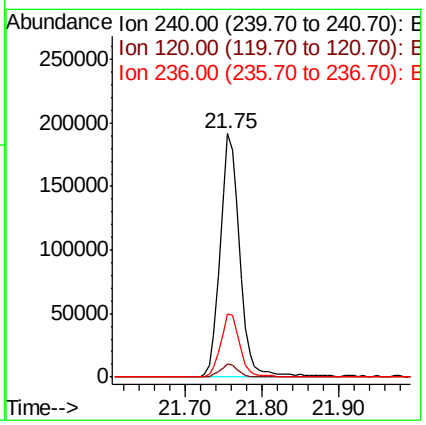


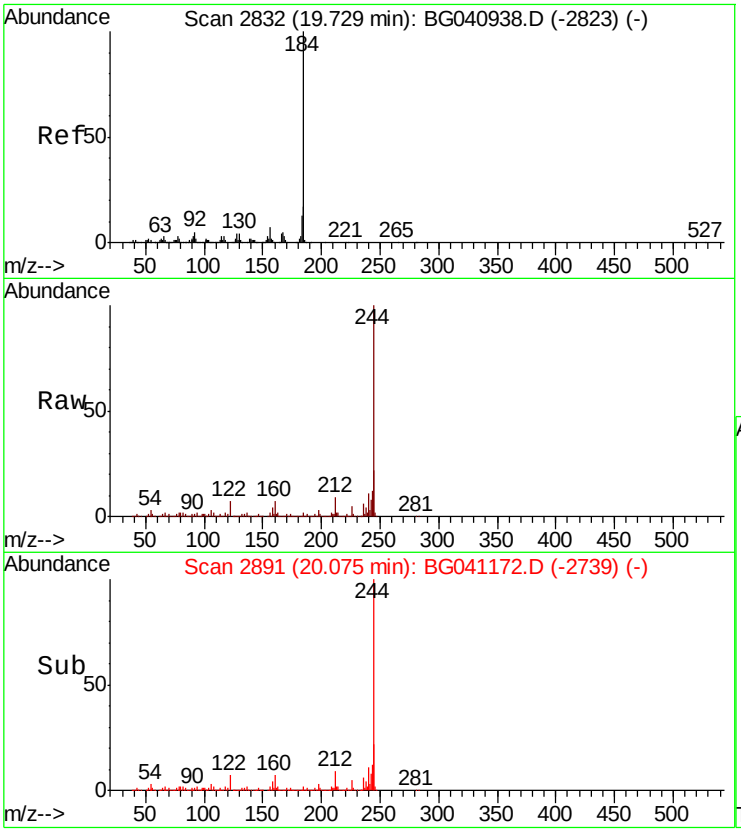


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:240 Resp: 338113

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.5	6.7
236	26.0	21.3	31.9



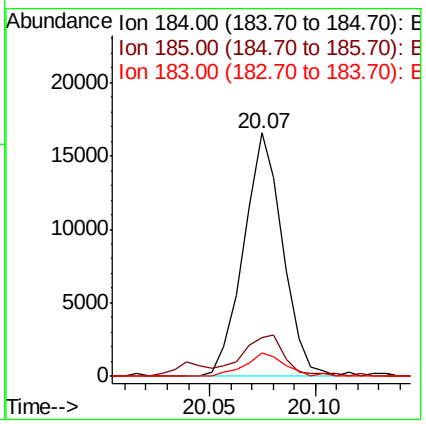


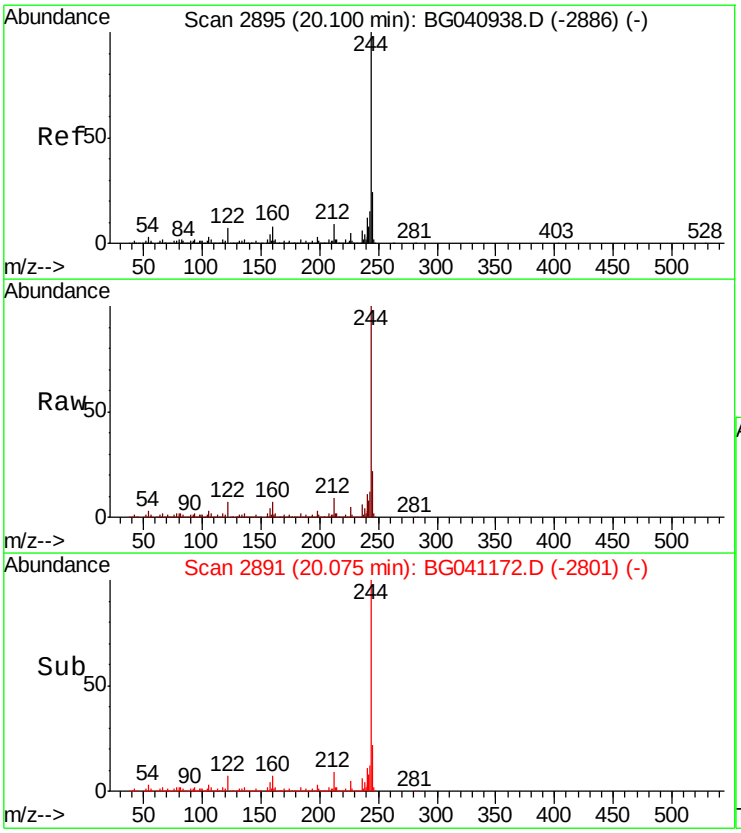
#77
Benzidine
Concen: 2.629 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:184 Resp: 21204

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.3	19.9
183	9.8	10.7	16.1#

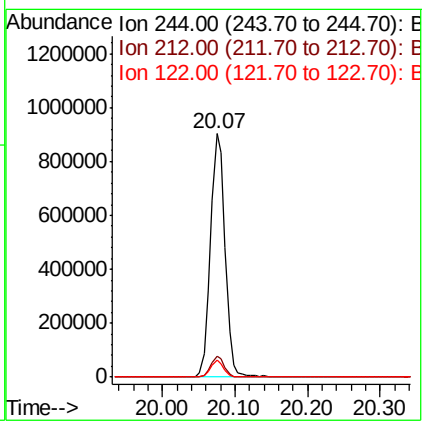


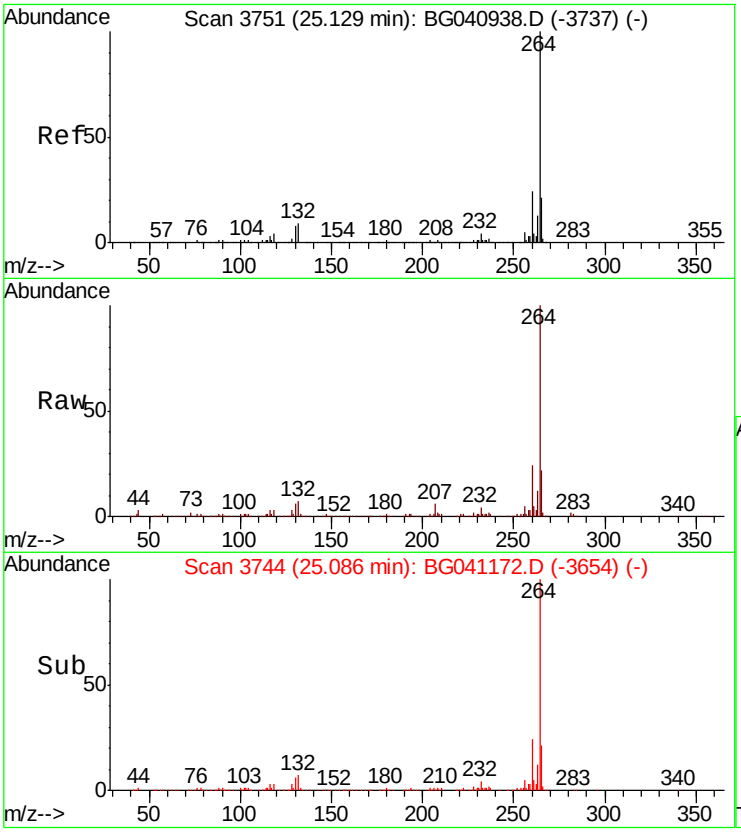


#79
Terphenyl-d14
Concen: 79.671 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Tgt Ion:244 Resp: 1269251

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	6.9	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041172.D
Acq: 10 Jun 2019 20:48

Instrument :
BNA_G
ClientSampleId :
P-4-OW

Tgt Ion:264 Resp: 324878

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.7	17.0	25.4