Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041088.D
Acq On : 6 Jun 2019 13:03
Operator : HP/JU
Sample : PB120371BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120371BL

Quant Time: Jun 06 23:16:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48743	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	183389	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	121766	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	318224	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	365167	20.00	ng	-0.02
87) Perylene-d12	25.09	264	393779	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	308833	114.25	ng	-0.01
7) Phenol-d6	7.26	99	427482	102.40	ng	-0.01
23) Nitrobenzene-d5	9.29	82	295967	71.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	208771	115.49	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	655320	77.50	ng	-0.02
79) Terphenyl-d14	20.08	244	1258873	73.17	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	43281	13.472	ng	# 71
41) Hexachlorocyclopentadiene	13.31	237	68	8.258	ng	# 26
51) 2,6-Dinitrotoluene	14.74	165	15736	7.081	ng	# 18
57) 2,4-Dinitrotoluene	14.74	165	15736	5.013	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.23	198	798	8.974	ng	# 69
67) 4-Bromophenyl-phenylether	16.23	248	15183	3.535	ng	# 1
70) Pentachlorophenol	17.63	266	60	4.279	ng	# 18
77) Benzidine	20.08	184	20823	2.390	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041088.D
Acq On : 6 Jun 2019 13:03
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Quant Time: Jun 06 23:16:14 2019
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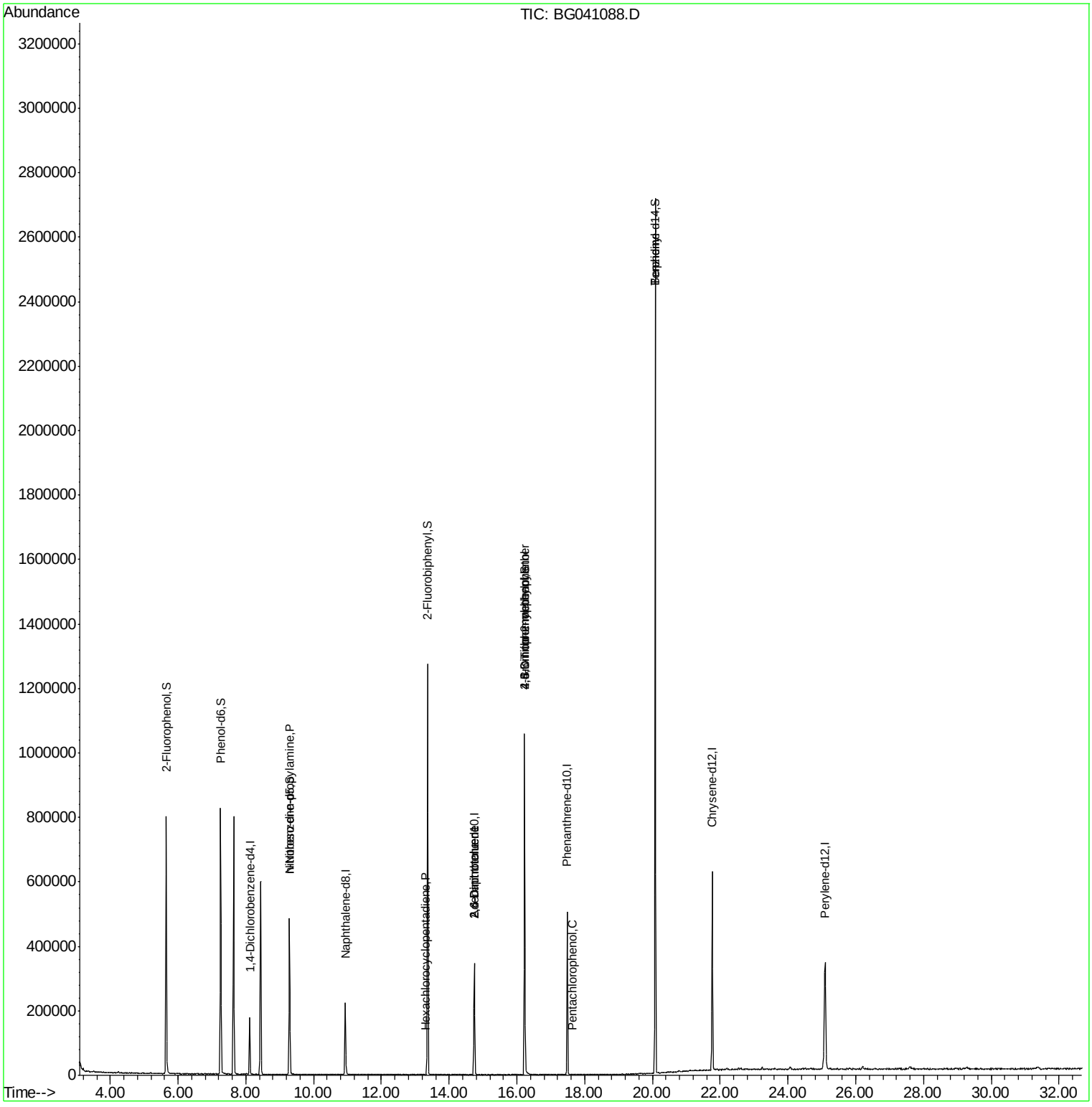
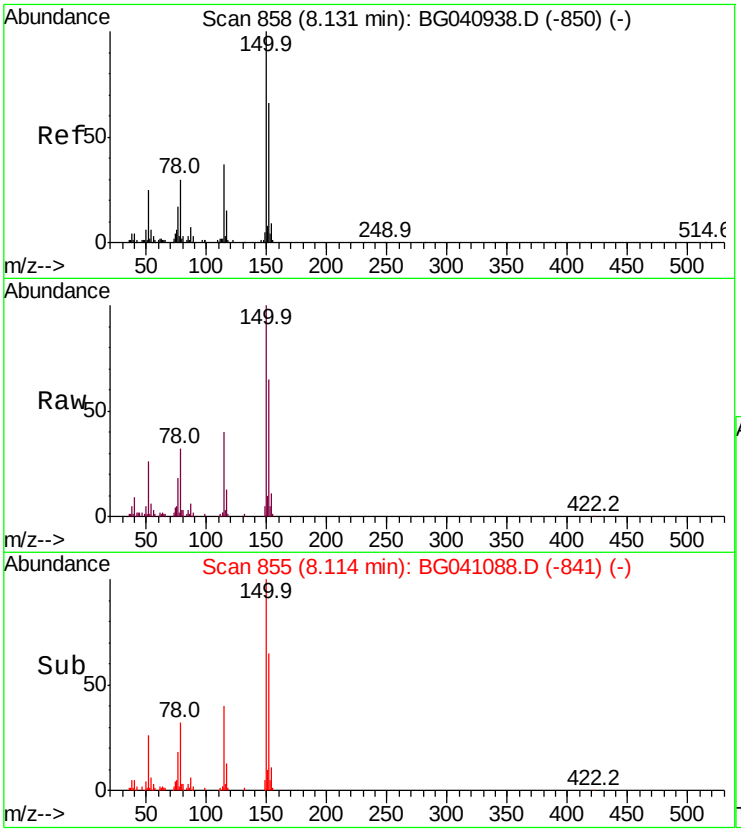
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



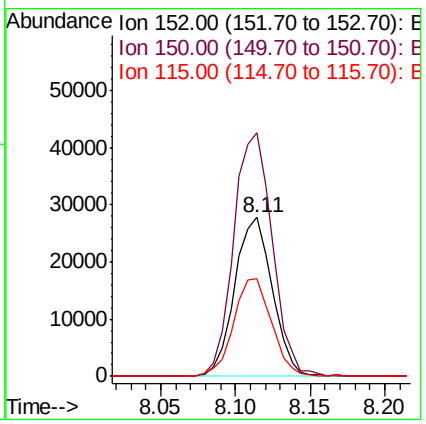


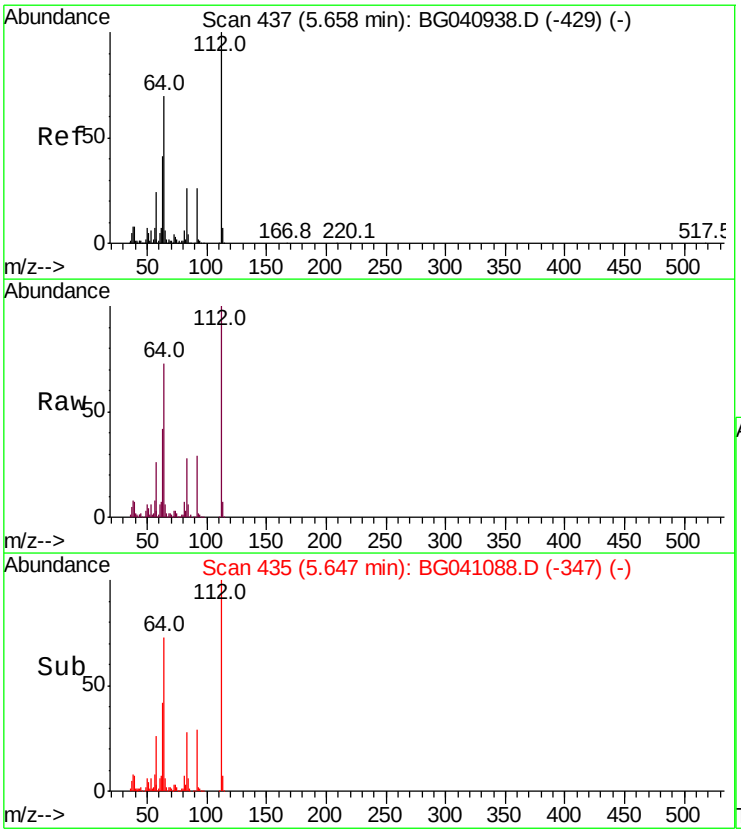
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:152 Resp: 48743

Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	180.8
115	61.7	45.1	67.7

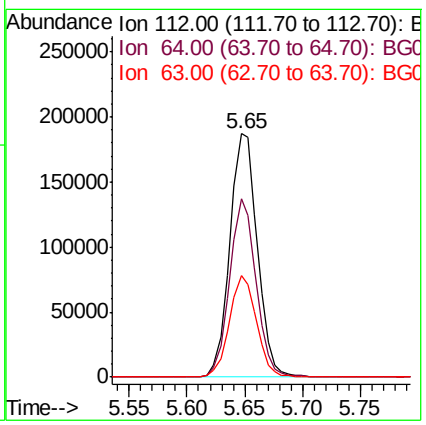


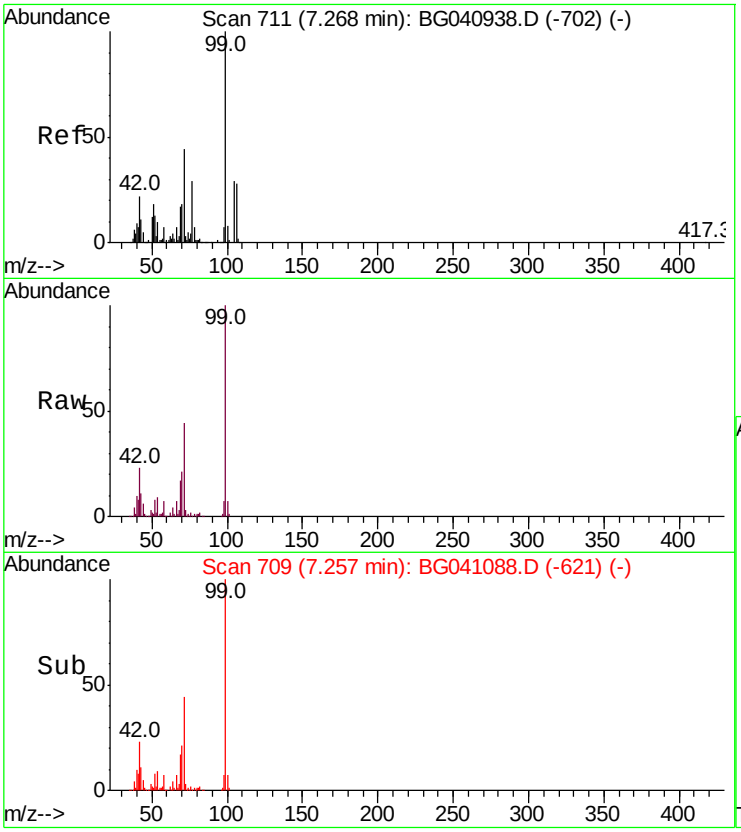


#5
2-Fluorophenol
Concen: 114.250 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:112 Resp: 308833

Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.2	84.2
63	41.9	32.8	49.2



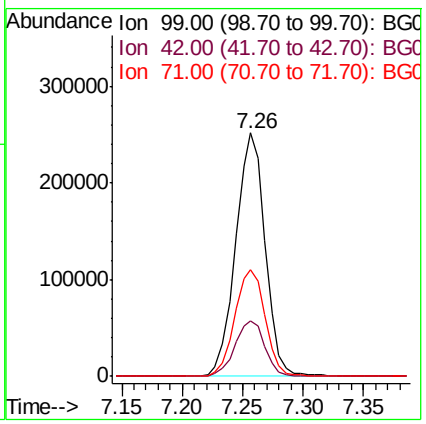


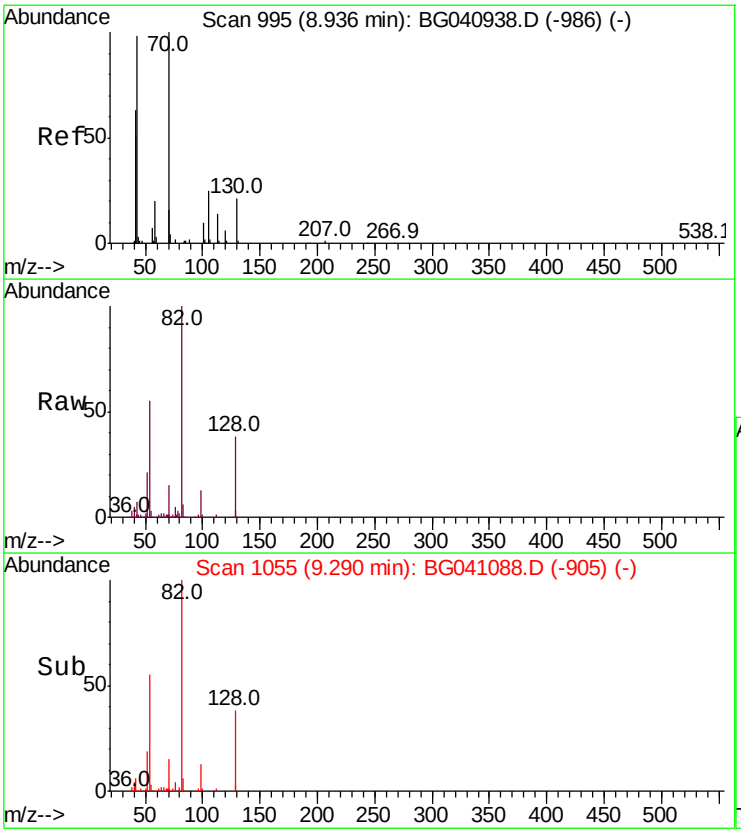
#7
Phenol-d6
Concen: 102.399 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion: 99 Resp: 427482

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	44.0	35.4	53.0

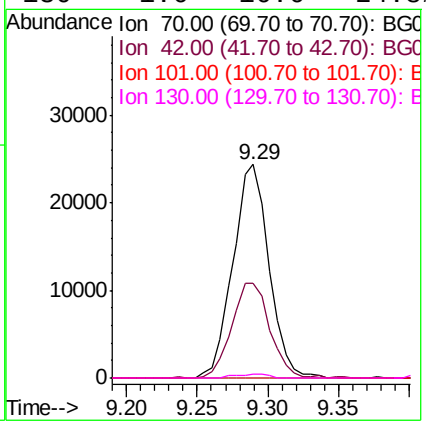


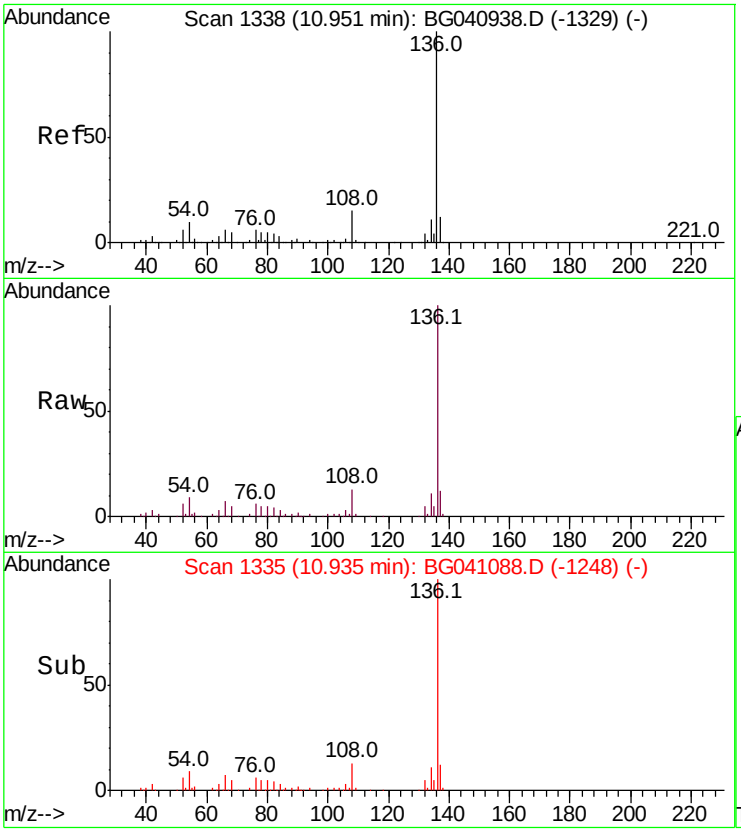


#19
n-Nitroso-di-n-propylamine
Concen: 13.472 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.35 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion: 70 Resp: 43281

Ion	Ratio	Lower	Upper
70	100		
42	44.2	51.5	77.3#
101	0.0	8.1	12.1#
130	1.6	16.6	24.8#



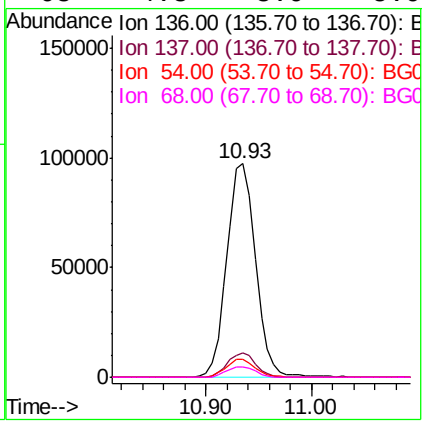


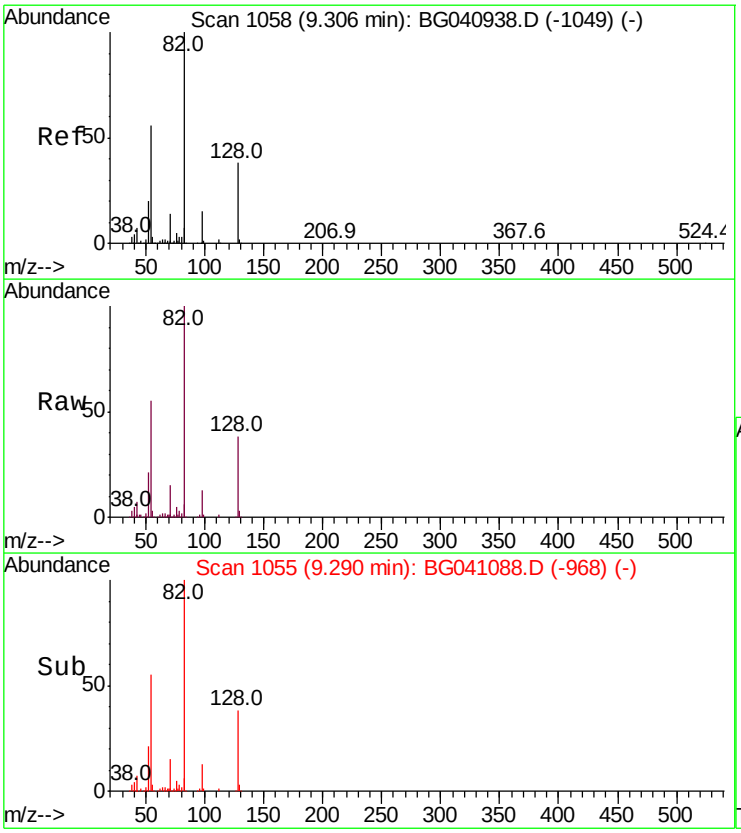
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:136 Resp: 183389

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	8.6	7.6	11.4
68	4.8	3.9	5.9

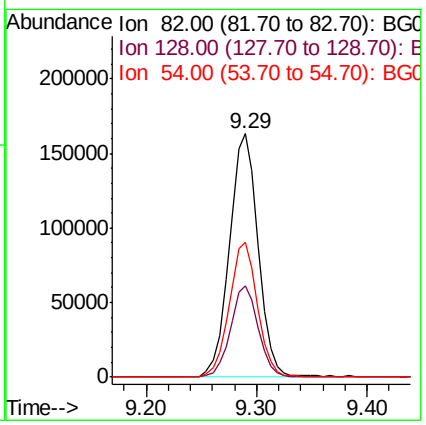


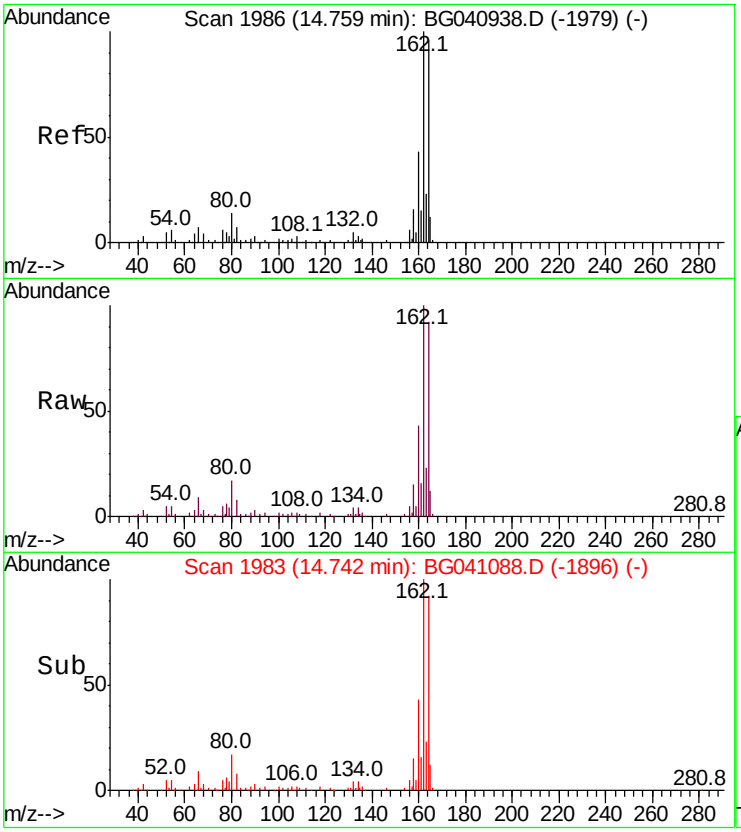


#23
Nitrobenzene-d5
Concen: 71.646 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion: 82 Resp: 295967

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.5	45.7
54	55.1	44.6	66.8



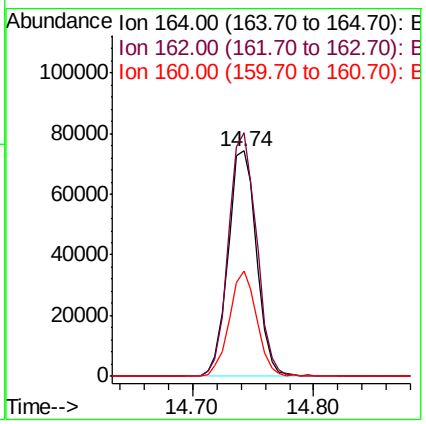


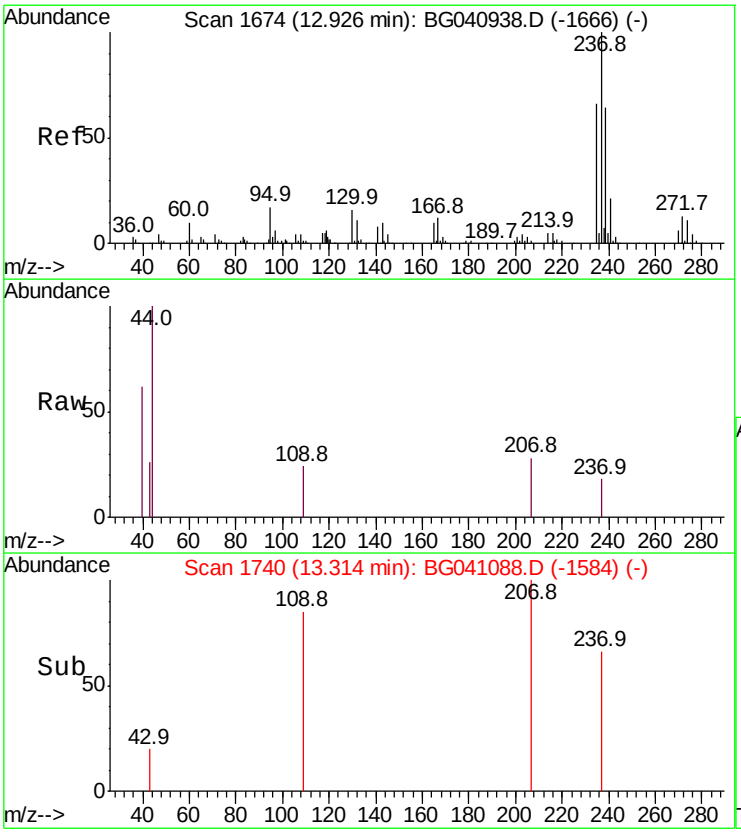
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:164 Resp: 121766

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.0	124.4
160	46.5	35.6	53.4

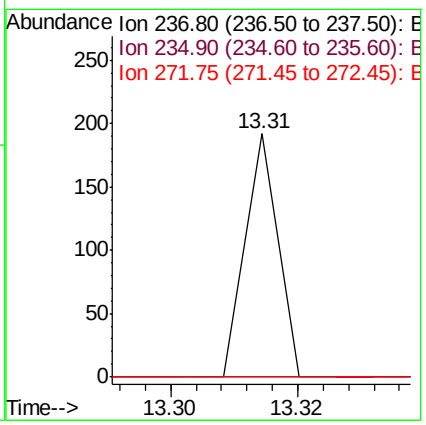


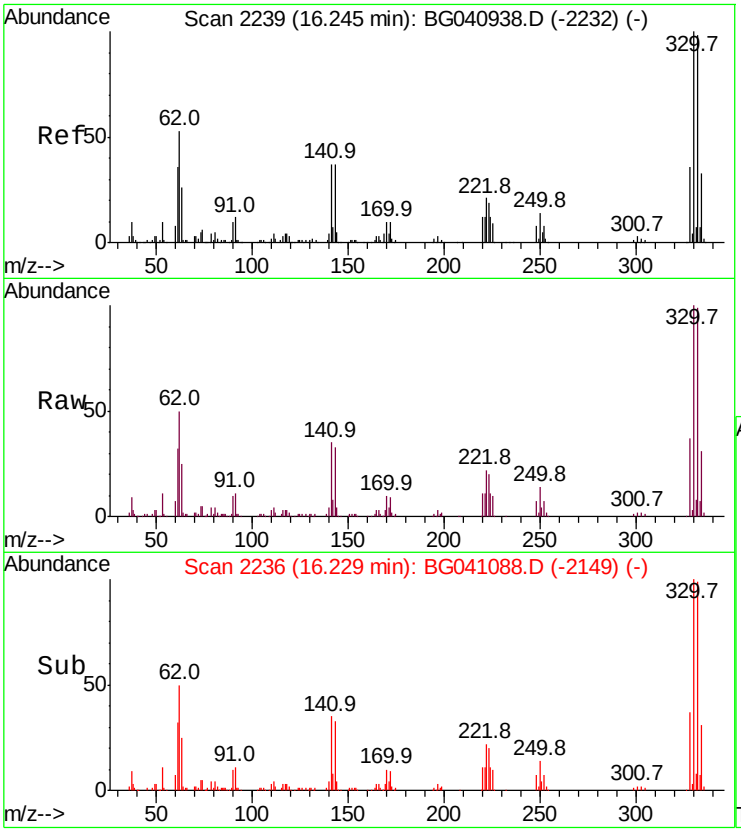


#41
Hexachlorocyclopentadiene
Concen: 8.258 ng
RT: 13.31 min Scan# 1740
Delta R.T. 0.39 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:237 Resp: 68

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



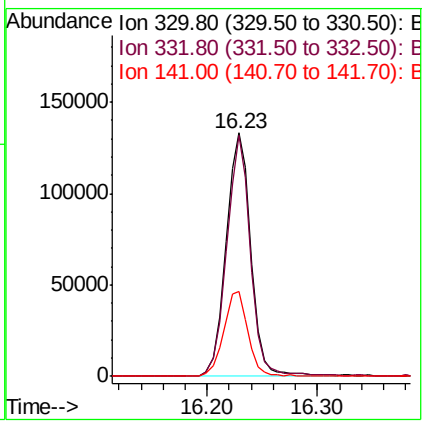


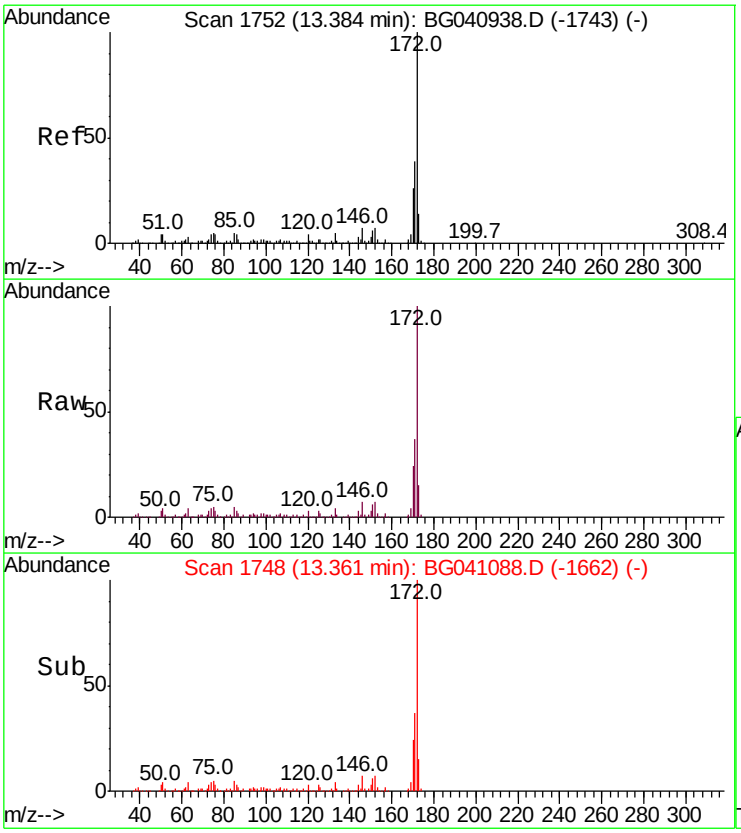
#42
2,4,6-Tribromophenol
Concen: 115.490 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:330 Resp: 208771

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.5	117.7
141	34.5	28.7	43.1

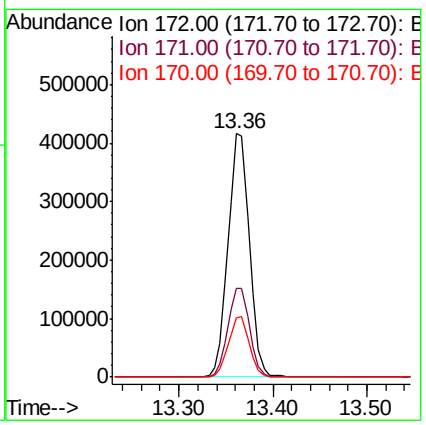


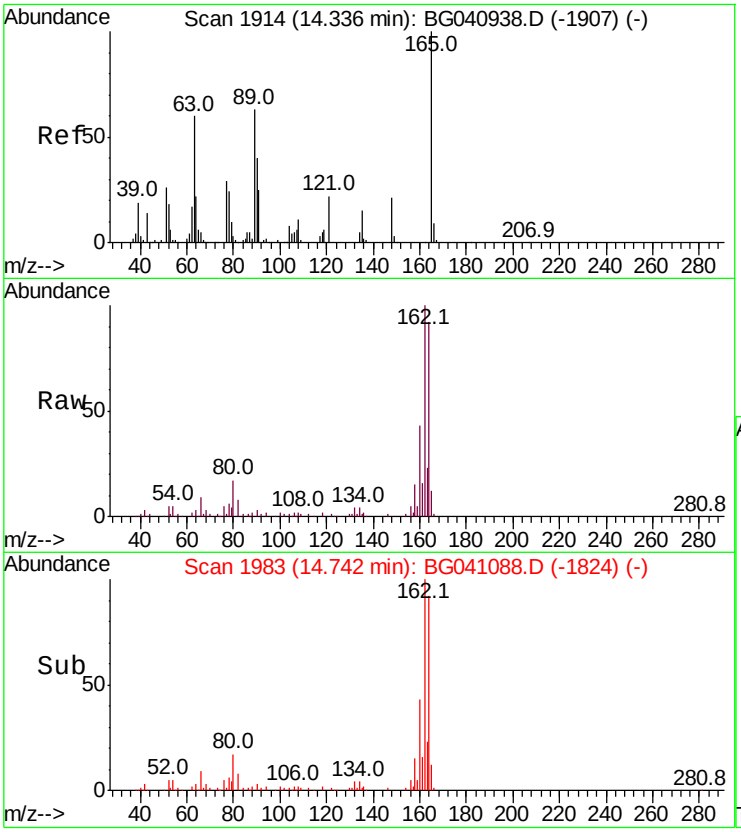


#45
2-Fluorobiphenyl
Concen: 77.504 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:172 Resp: 655320

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.1	46.7
170	24.2	20.5	30.7



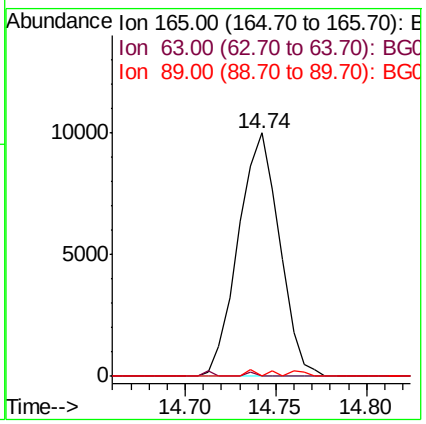


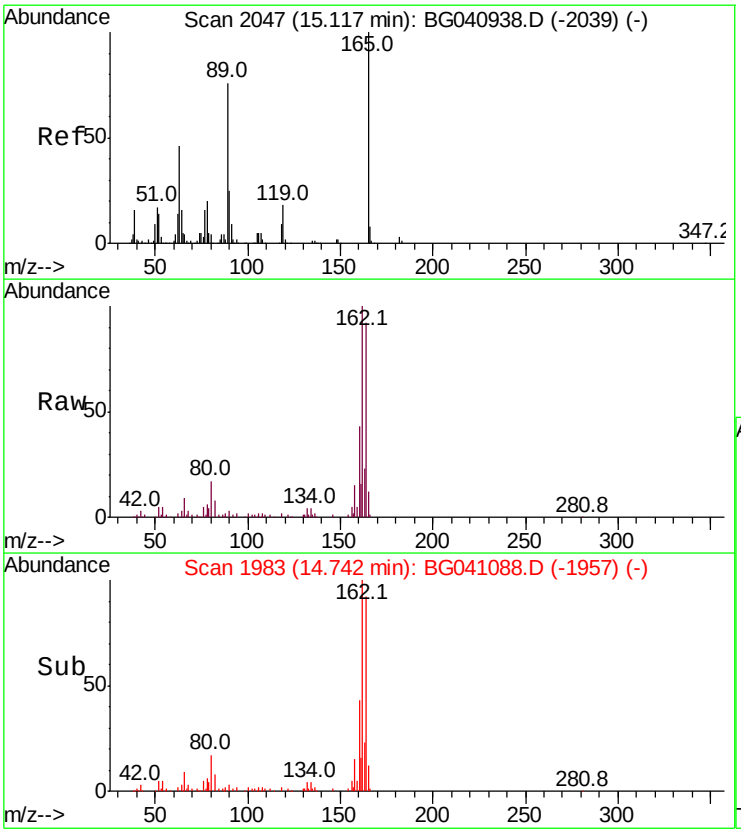
#51
2,6-Dinitrotoluene
Concen: 7.081 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.41 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:165 Resp: 15736

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

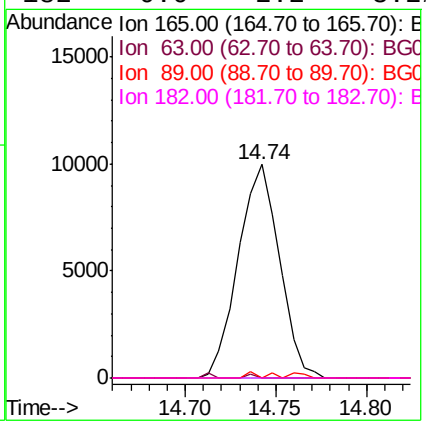


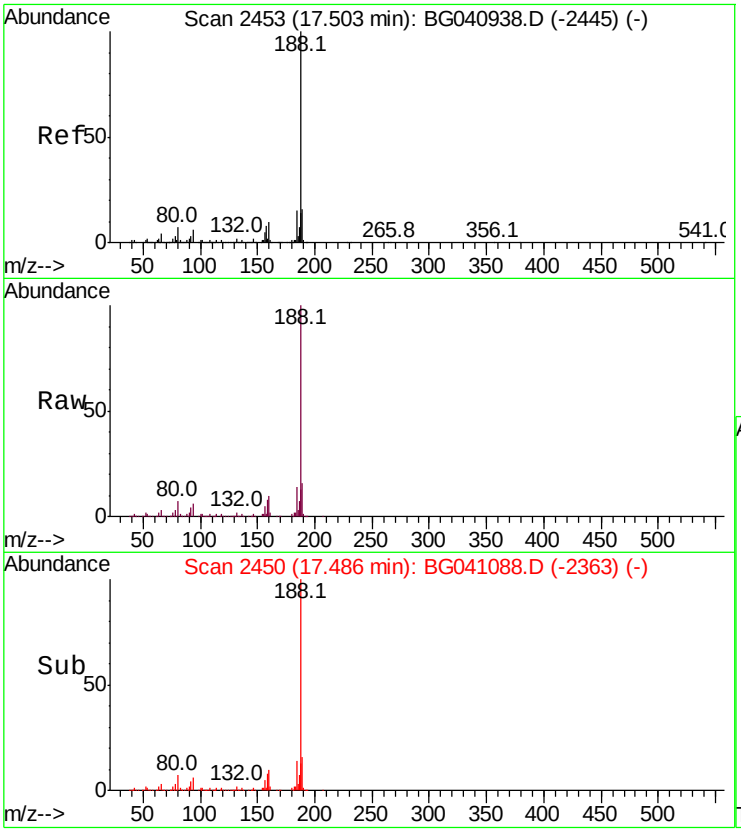


#57
2,4-Dinitrotoluene
Concen: 5.013 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:165 Resp: 15736

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



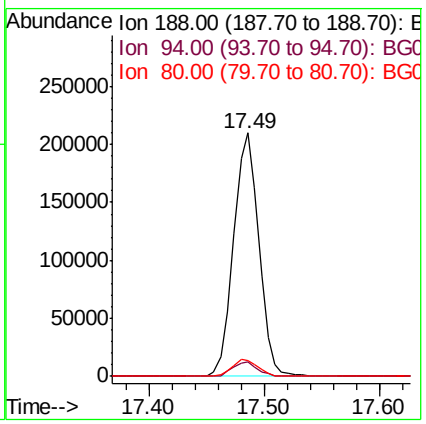


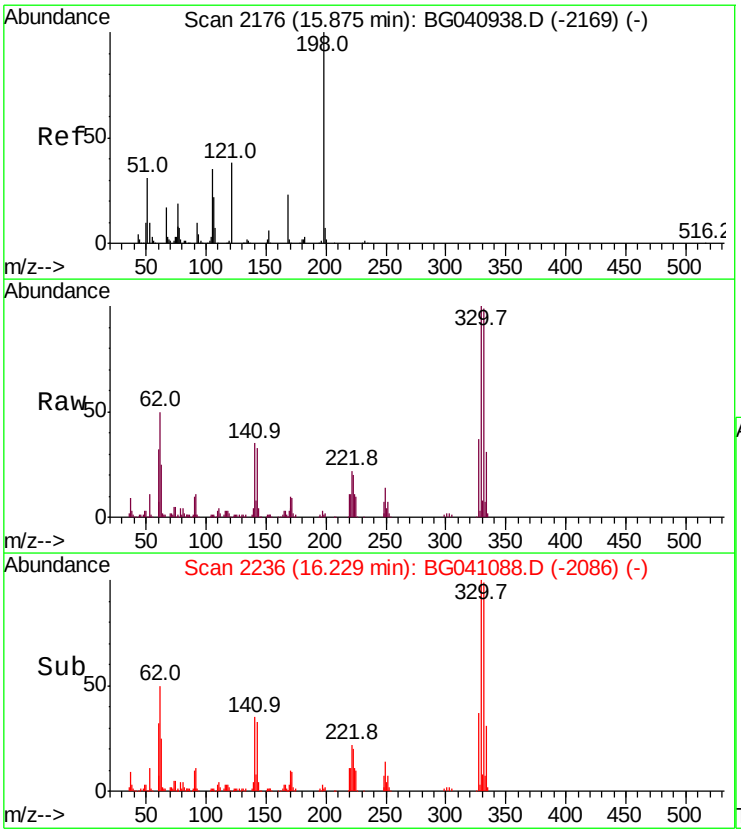
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:188 Resp: 318224

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.7	7.1
80	6.6	5.8	8.8

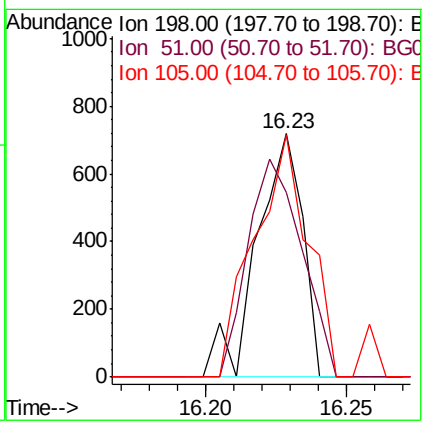


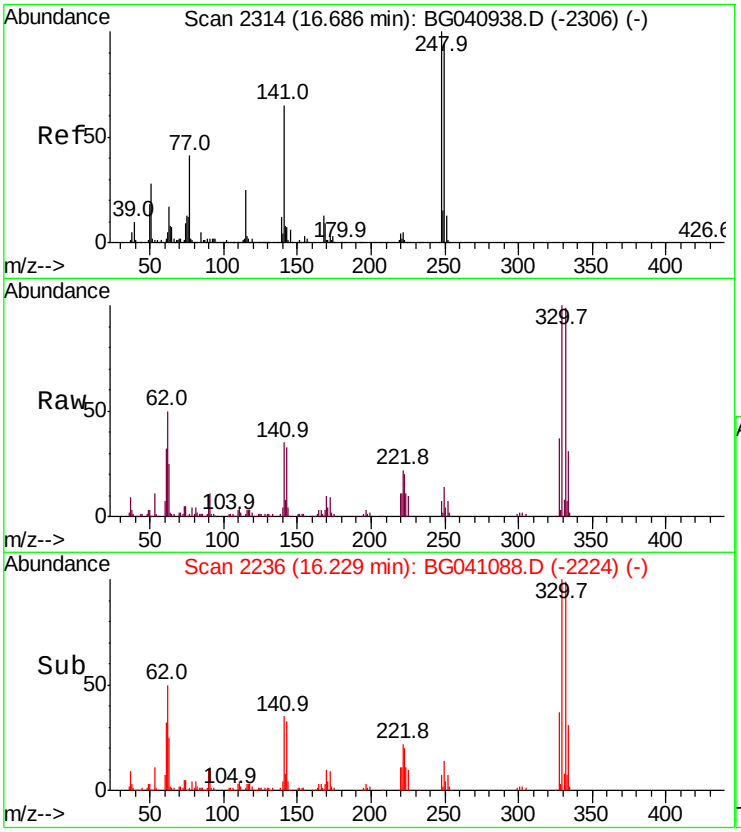


#65
4,6-Dinitro-2-methylphenol
Concen: 8.974 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.35 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:198 Resp: 798

Ion	Ratio	Lower	Upper
198	100		
51	18.0	21.6	61.6#
105	23.6	17.5	57.5



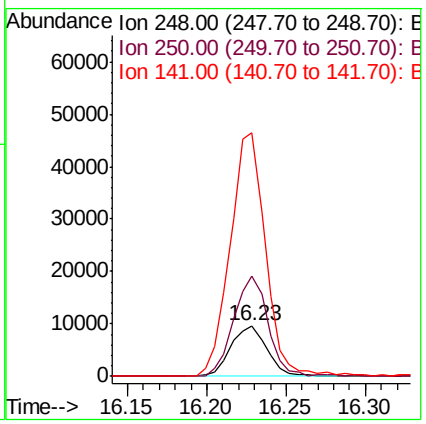


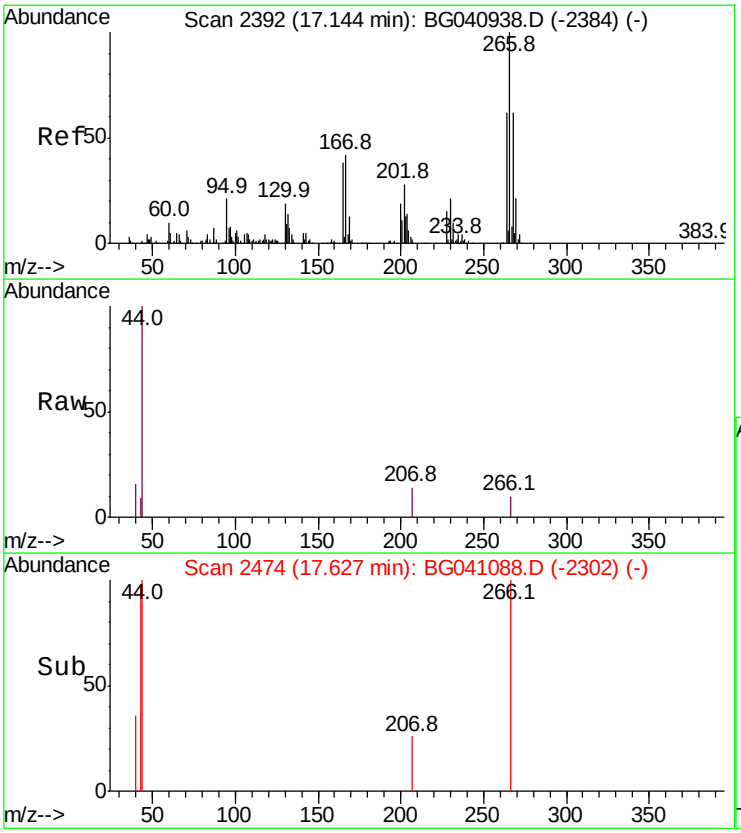
#67
4-Bromophenyl-phenylether
Concen: 3.535 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.46 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:248 Resp: 15183

Ion	Ratio	Lower	Upper
248	100		
250	254.8	75.0	112.4#
141	480.3	52.4	78.6#

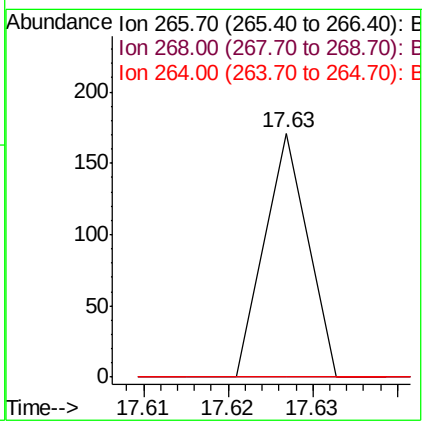


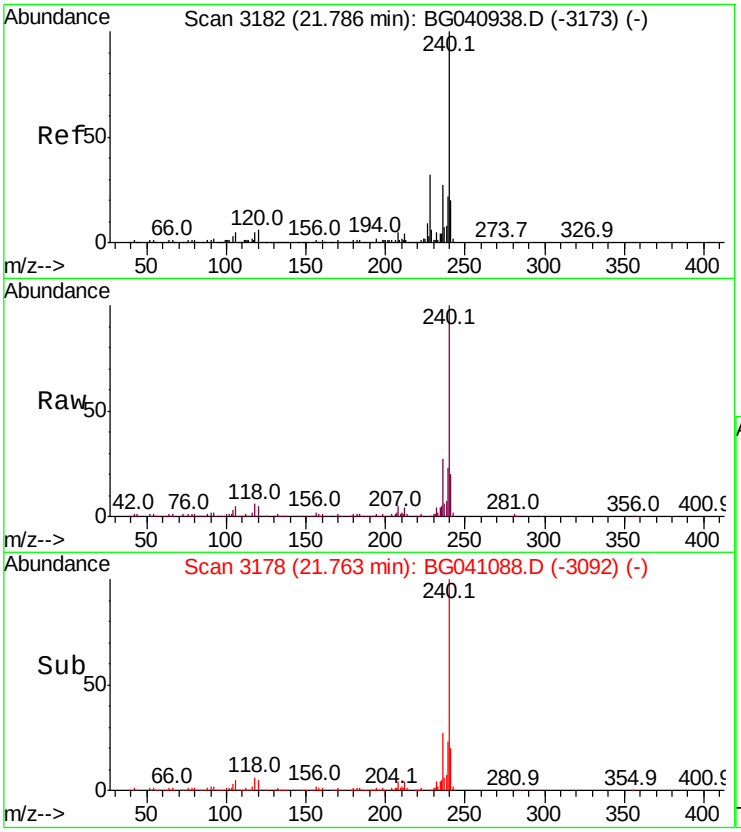


#70
Pentachlorophenol
Concen: 4.279 ng
RT: 17.63 min Scan# 2474
Delta R.T. 0.48 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:266 Resp: 60

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



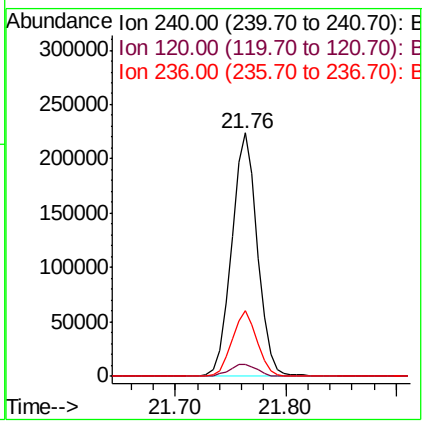


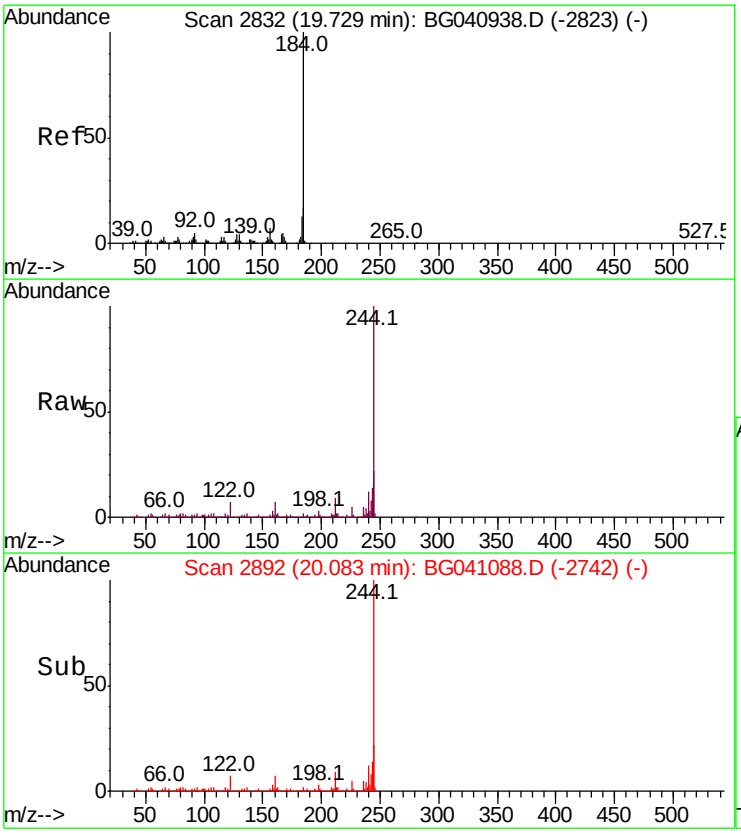
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:240 Resp: 365167

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	26.8	21.3	31.9

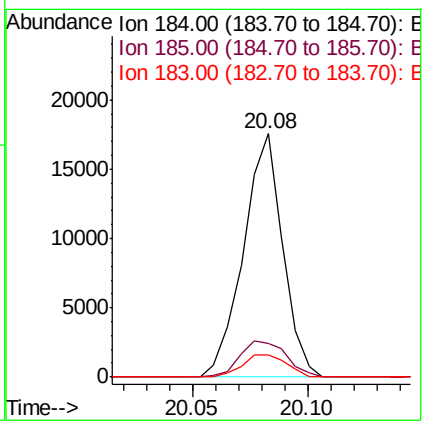


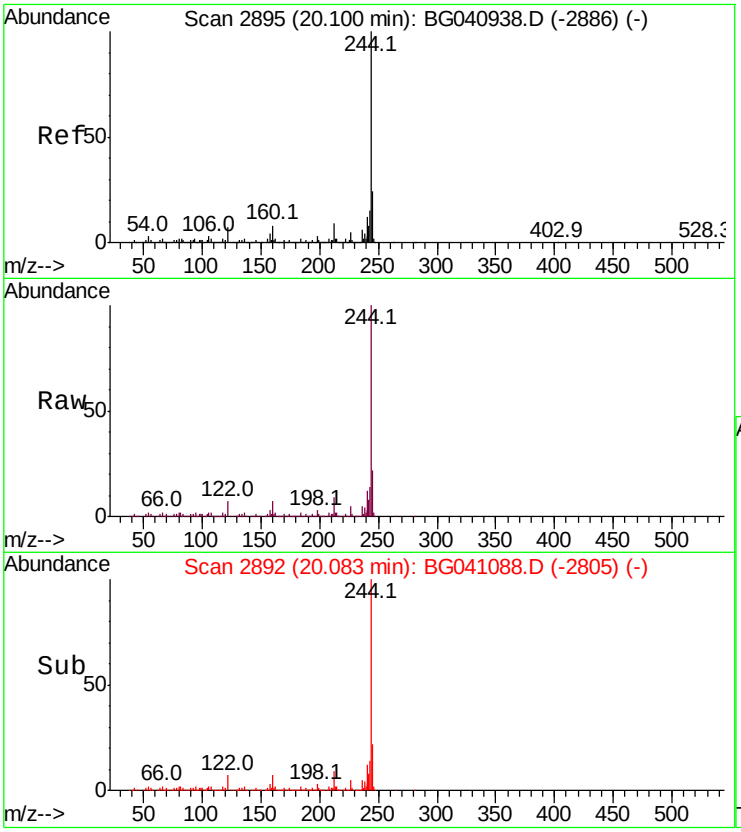


#77
Benzidine
Concen: 2.390 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.35 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:184 Resp: 20823

Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.3	19.9
183	9.1	10.7	16.1#



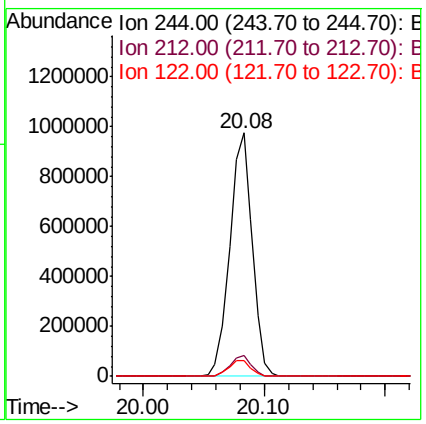


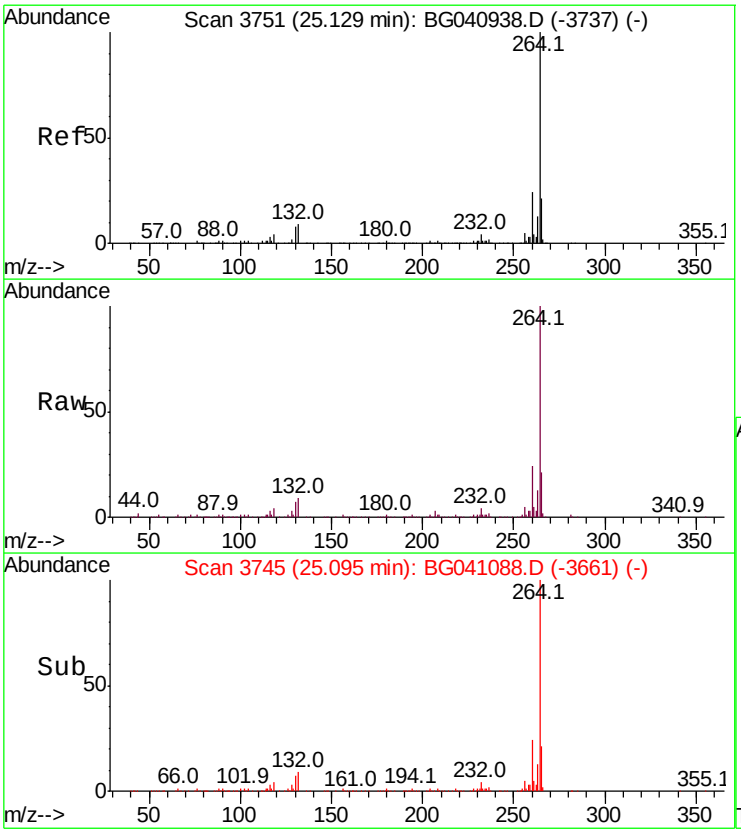
#79
Terphenyl-d14
Concen: 73.165 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_G
ClientSampleId :
PB120371BL

Tgt Ion:244 Resp: 1258873

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	6.7	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.03 min
Lab File: BG041088.D
Acq: 6 Jun 2019 13:03

Tgt Ion:264 Resp: 393779

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.3	17.0	25.4