Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
Data File : BG041052.D
Acq On : 4 Jun 2019 2:23
Operator : HP/JU
Sample : K2641-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-053119-A

Quant Time: Jun 04 08:08:39 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	8.13	152	78557	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	307286	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	195116	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	425268	20.00	ng		0.00
76) Chrysene-d12	21.78	240	422787	20.00	ng		0.00
87) Perylene-d12	25.14	264	294145	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	223533	51.31	ng		0.00
7) Phenol-d6	7.27	99	324225	48.19	ng		0.00
23) Nitrobenzene-d5	9.30	82	223035	32.22	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	137752	47.56	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	497847	36.74	ng		0.00
79) Terphenyl-d14	20.10	244	659287	33.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	33314	6.434	ng	#	75
32) Benzoic acid	10.09	122	81	8.148	ng	#	1
50) Dimethylphthalate	14.20	163	36224	2.193	ng	#	97
51) 2,6-Dinitrotoluene	14.76	165	25098	7.048	ng	#	20
54) 2,4-Dinitrophenol	14.80	184	55	8.288	ng	#	18
57) 2,4-Dinitrotoluene	14.76	165	25098	4.989	ng	#	22
65) 4,6-Dinitro-2-methylphenol	16.01	198	56	8.610	ng	#	1
70) Pentachlorophenol	17.61	266	172	4.306	ng		93
78) Pyrene	19.91	202	55709	2.027	ng		98

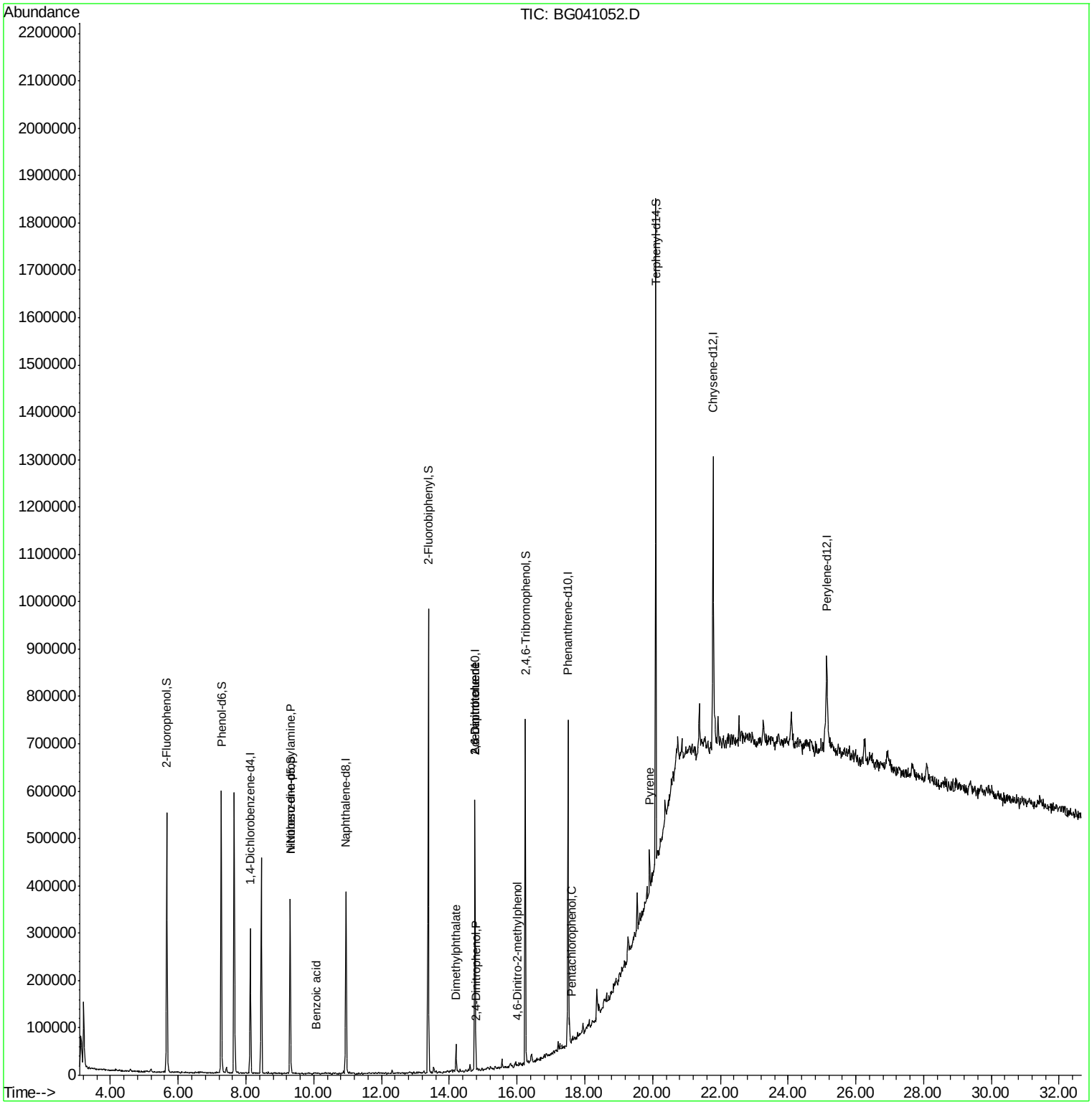
(#) = qualifier out of range (m) = manual integration (+) = signals summed

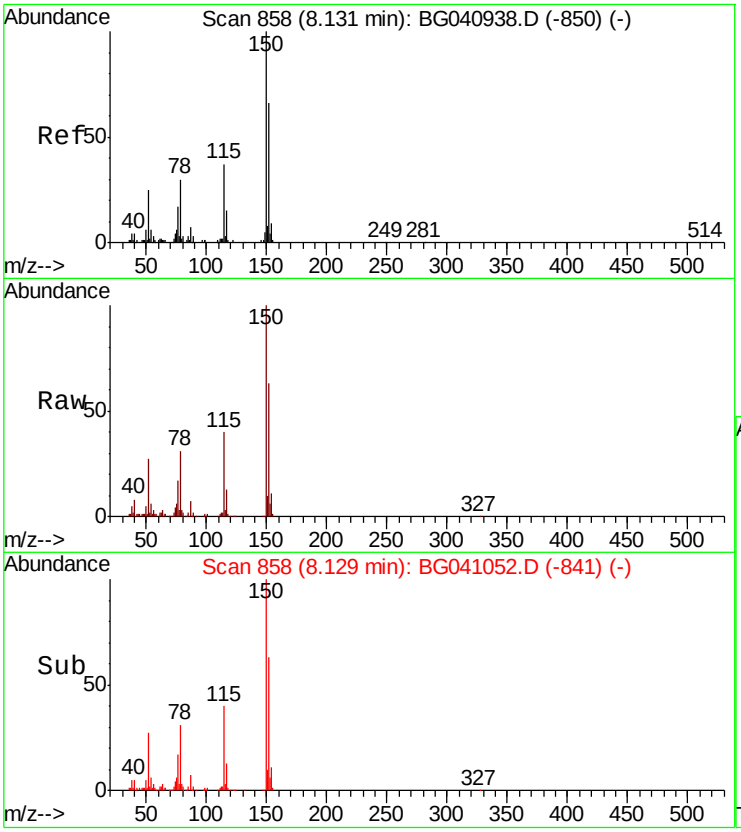
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
Data File : BG041052.D
Acq On : 4 Jun 2019 2:23
Operator : HP/JU
Sample : K2641-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Quant Time: Jun 04 08:08:39 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



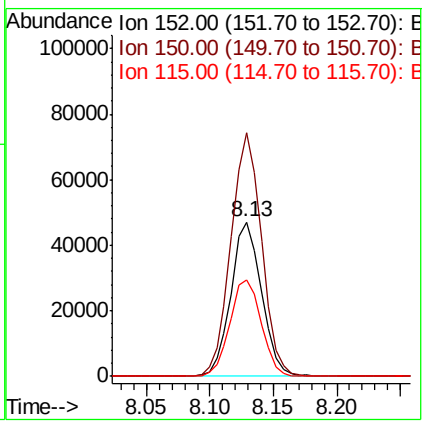


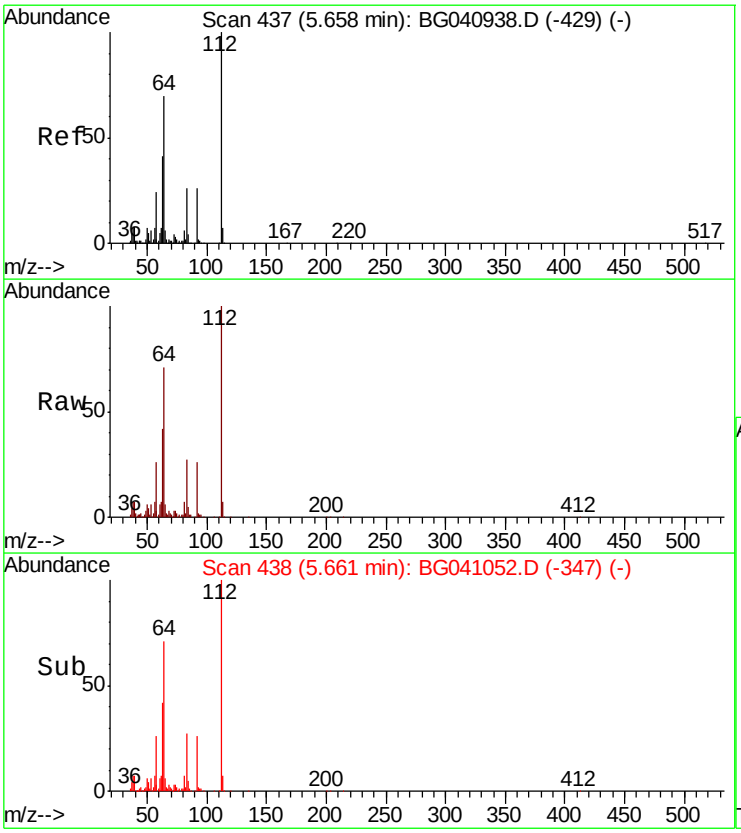
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:152 Resp: 78557

Ion	Ratio	Lower	Upper
152	100		
150	157.7	120.6	180.8
115	62.5	45.1	67.7

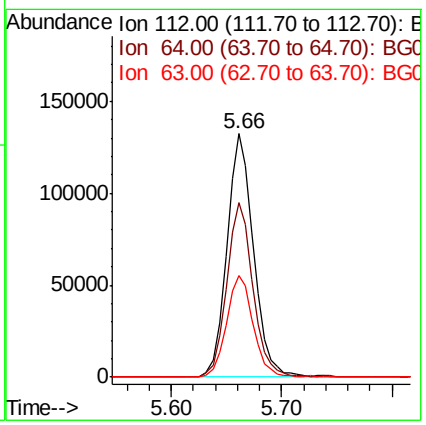


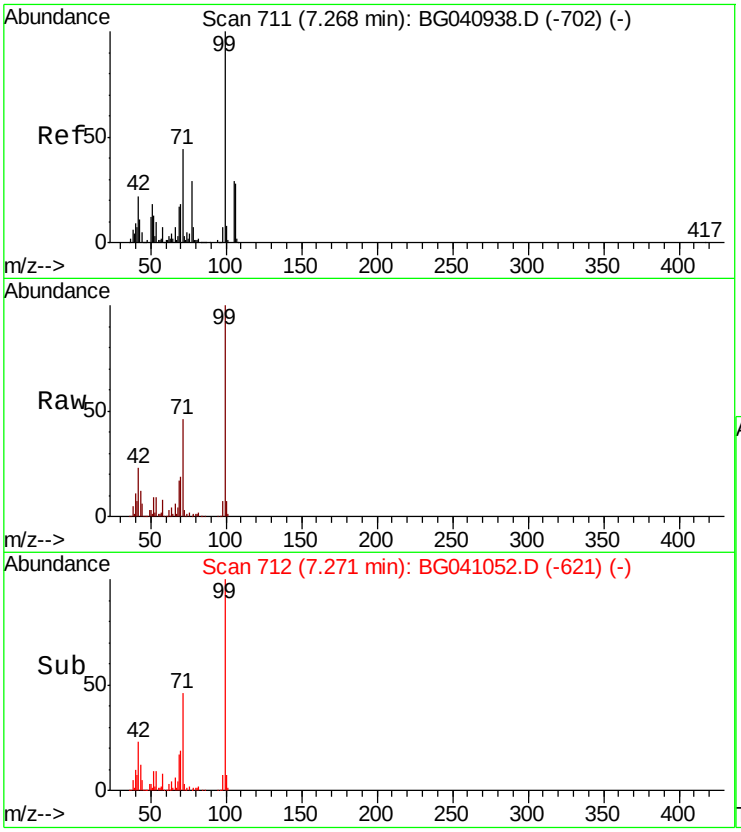


#5
2-Fluorophenol
Concen: 51.310 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:112 Resp: 223533

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.2	84.2
63	41.8	32.8	49.2



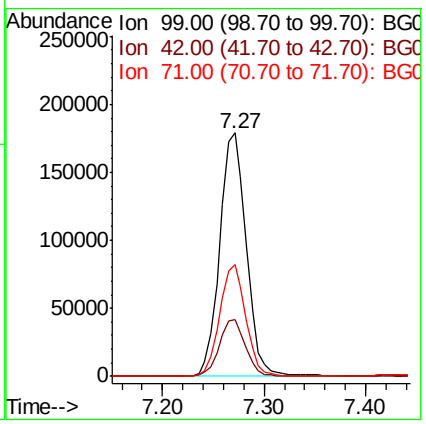


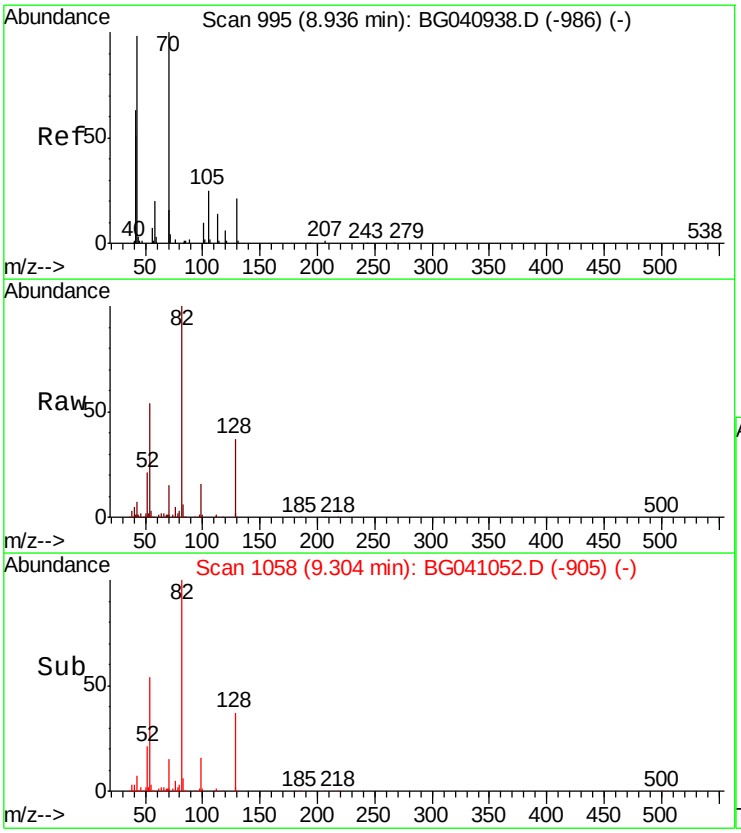
#7
Phenol-d6
Concen: 48.189 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion: 99 Resp: 324225

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	46.2	35.4	53.0

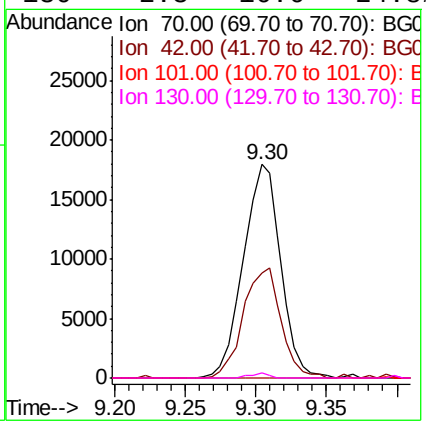


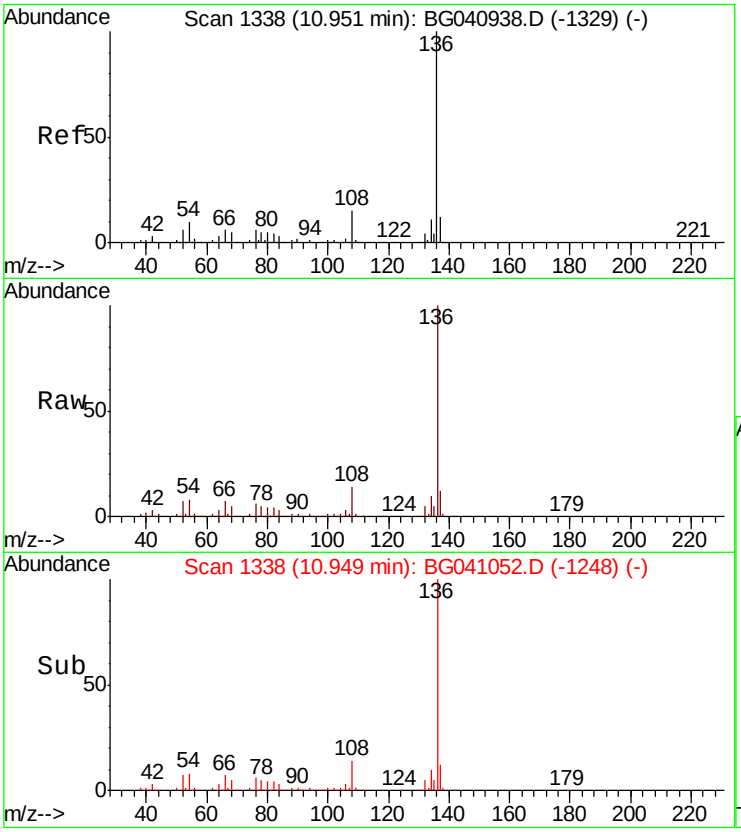


#19
n-Nitroso-di-n-propylamine
Concen: 6.434 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.37 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion: 70 Resp: 33314

Ion	Ratio	Lower	Upper
70	100		
42	49.0	51.5	77.3#
101	0.0	8.1	12.1#
130	2.3	16.6	24.8#



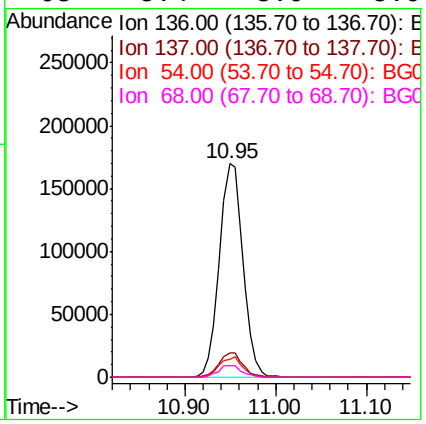


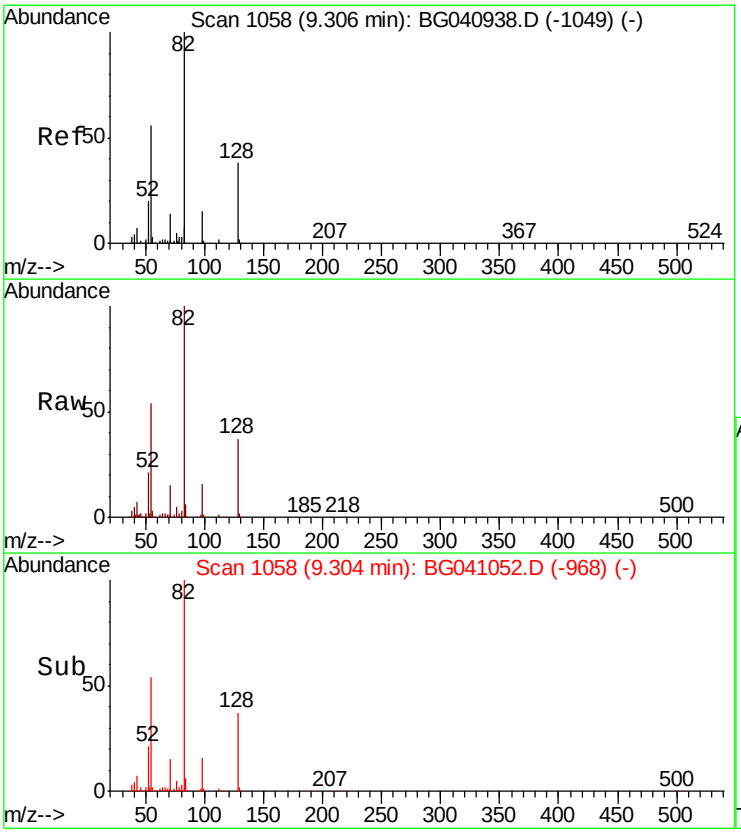
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:136 Resp: 307286

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	8.2	7.6	11.4
68	5.4	3.9	5.9

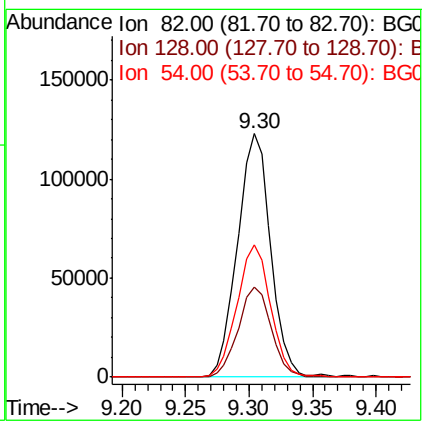


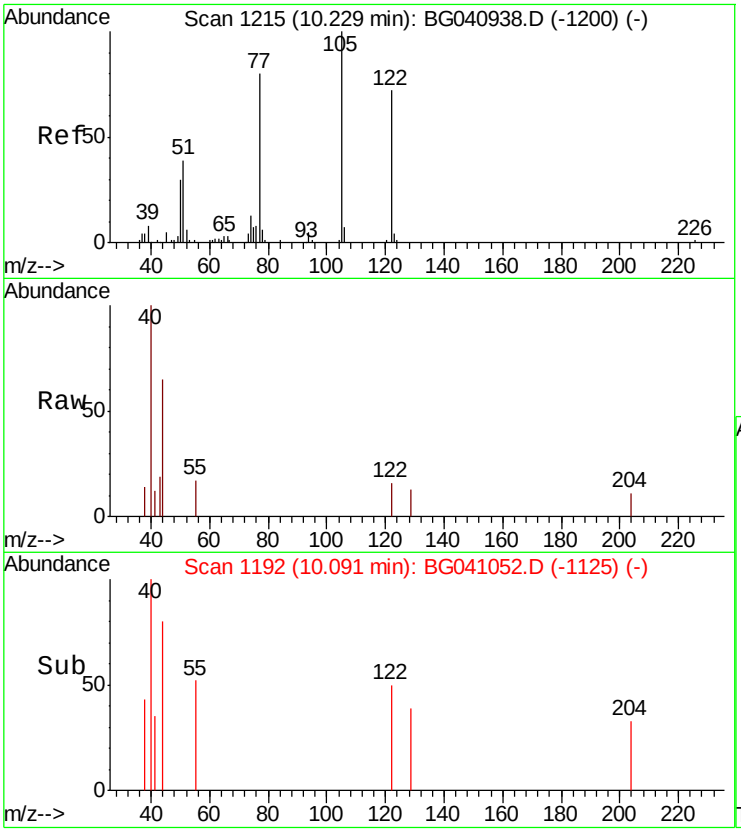


#23
Nitrobenzene-d5
Concen: 32.222 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion: 82 Resp: 223035

Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.5	45.7
54	54.2	44.6	66.8



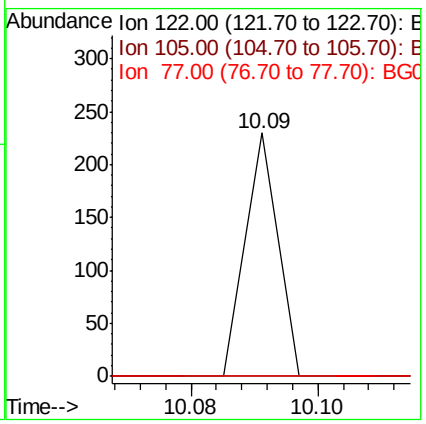


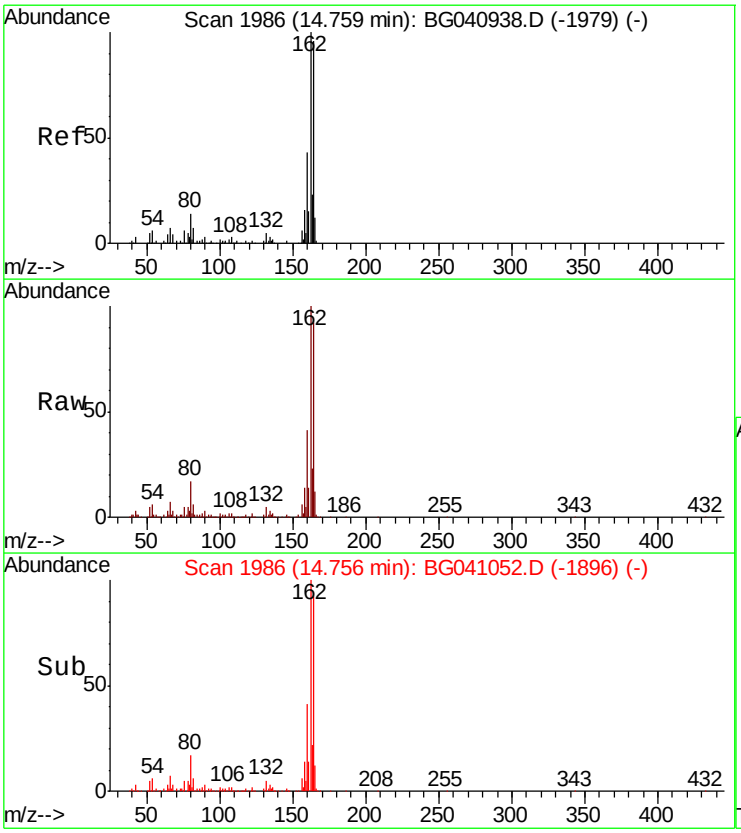
#32
Benzoic acid
Concen: 8.148 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.14 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

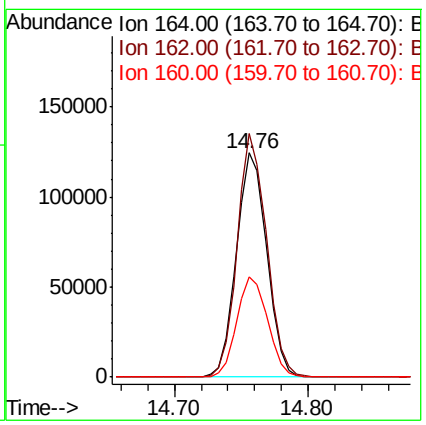


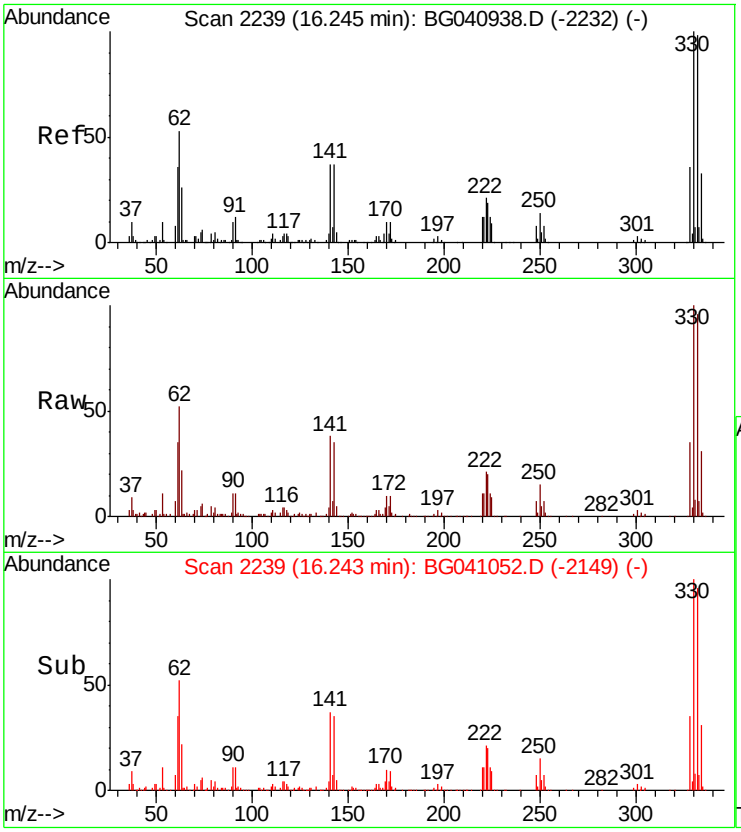


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:164 Resp: 195116

Ion	Ratio	Lower	Upper
164	100		
162	108.7	83.0	124.4
160	44.9	35.6	53.4



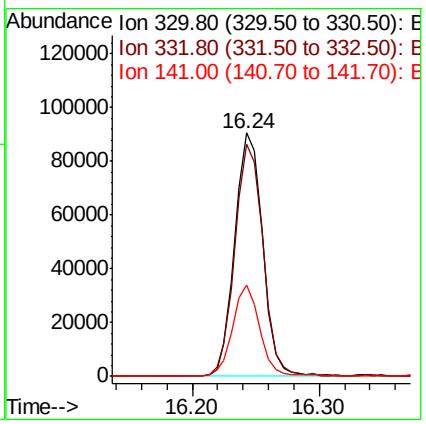


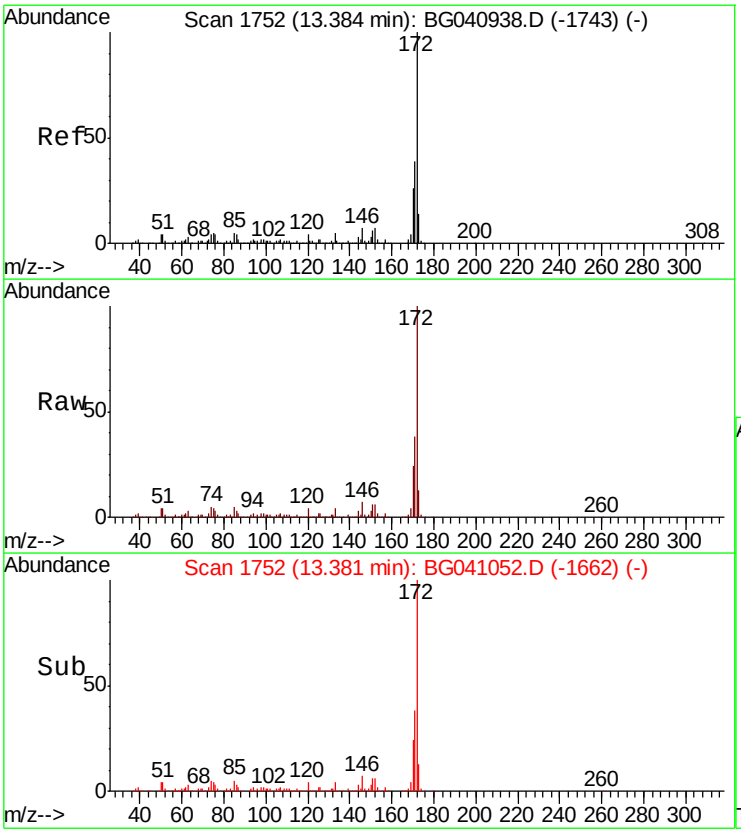
#42
2,4,6-Tribromophenol
Concen: 47.556 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:330 Resp: 137752

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	36.9	28.7	43.1

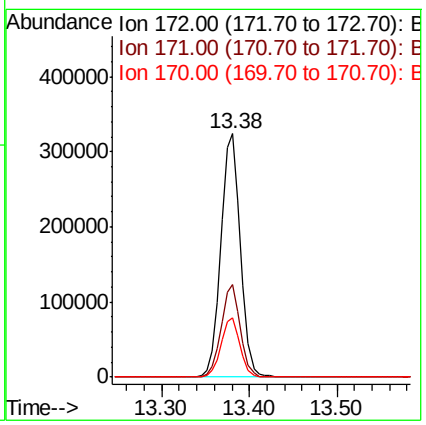


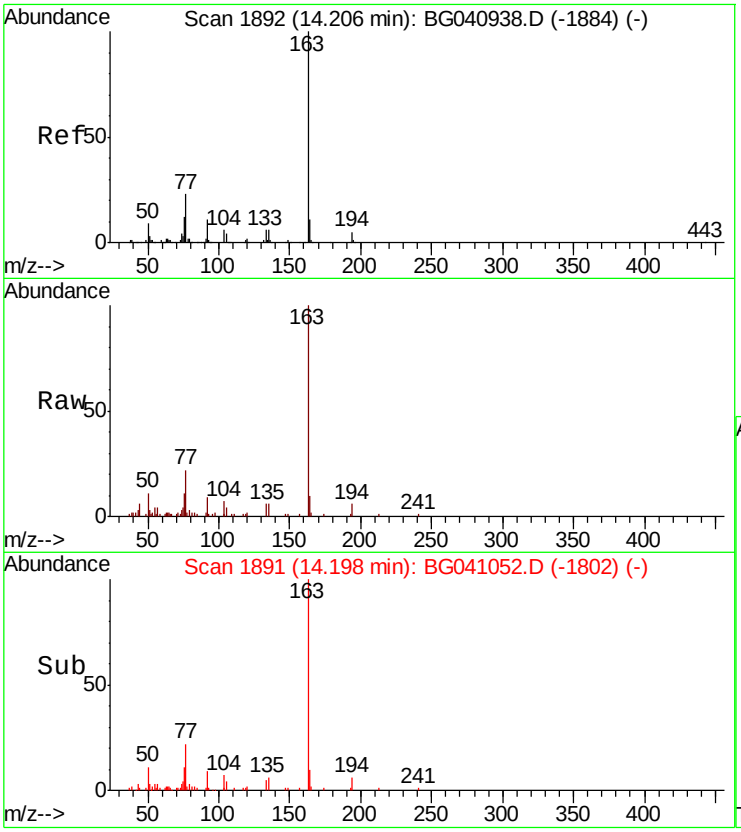


#45
2-Fluorobiphenyl
Concen: 36.745 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:172 Resp: 497847

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.1	20.5	30.7



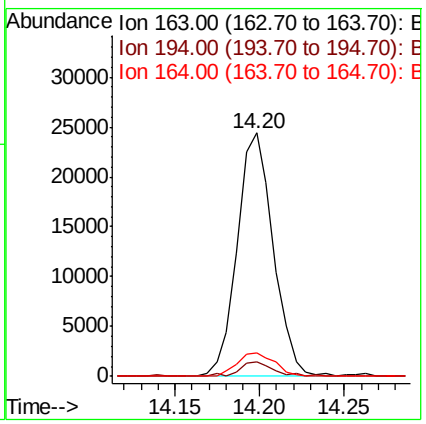


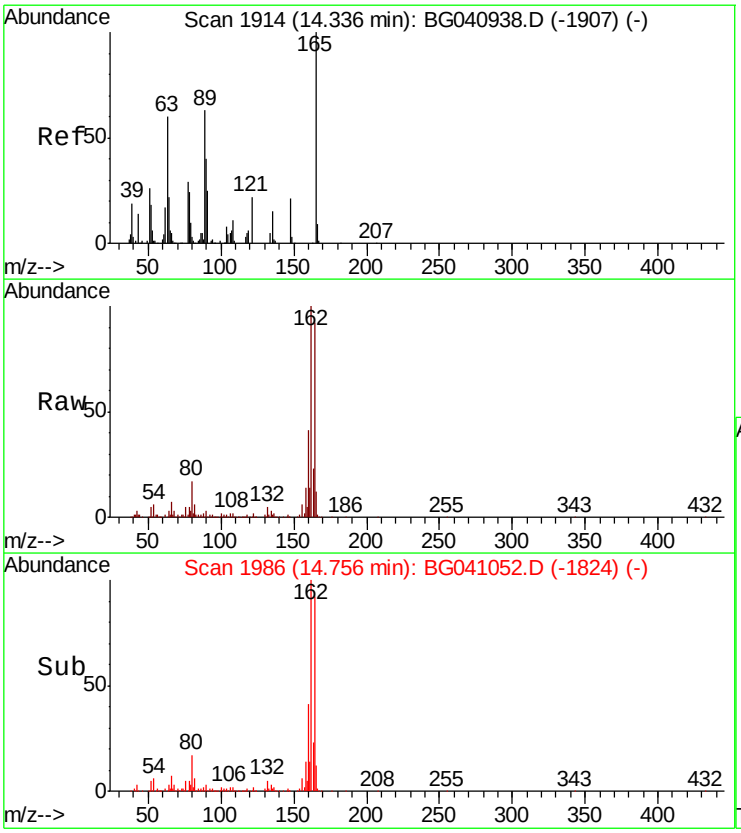
#50
Dimethylphthalate
Concen: 2.193 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:163 Resp: 36224

Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.8	5.8#
164	9.8	8.7	13.1

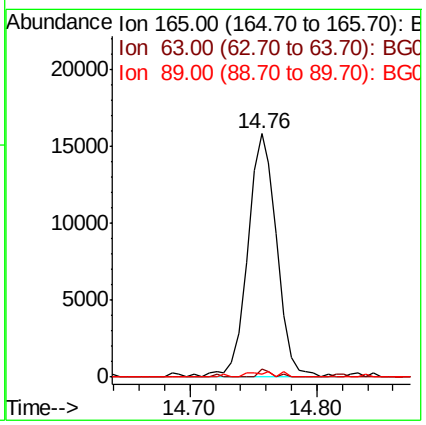


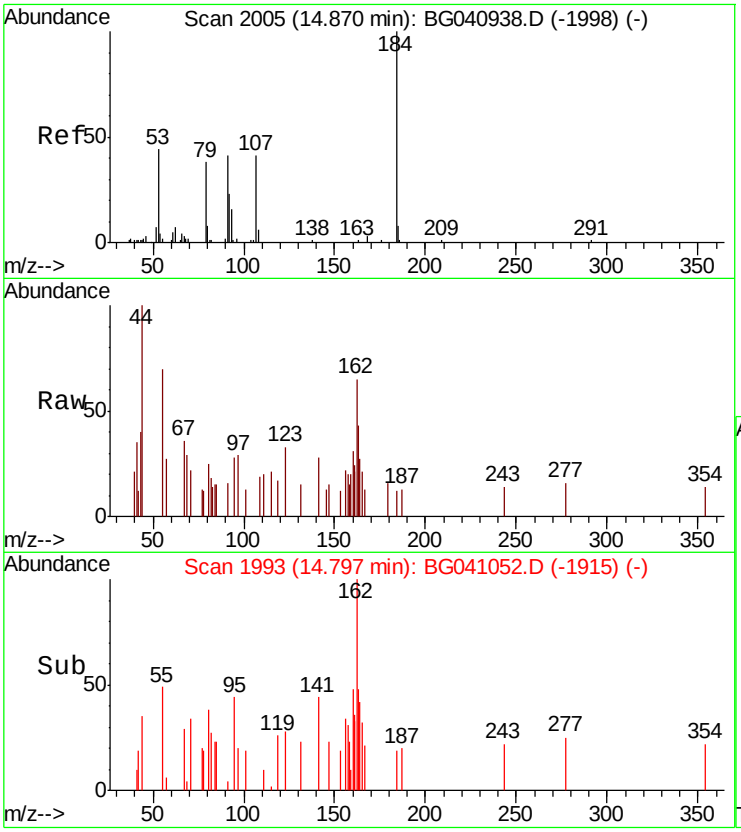


#51
2,6-Dinitrotoluene
Concen: 7.048 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.42 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:165 Resp: 25098

Ion	Ratio	Lower	Upper
165	100		
63	3.1	53.6	80.4#
89	1.2	50.4	75.6#



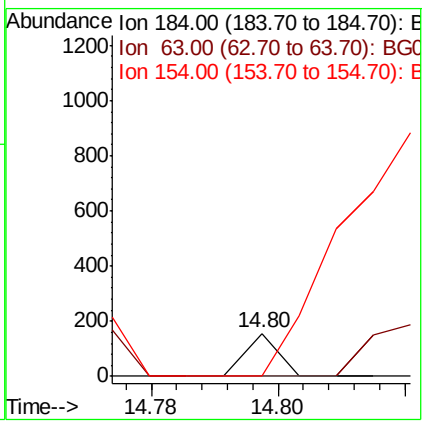


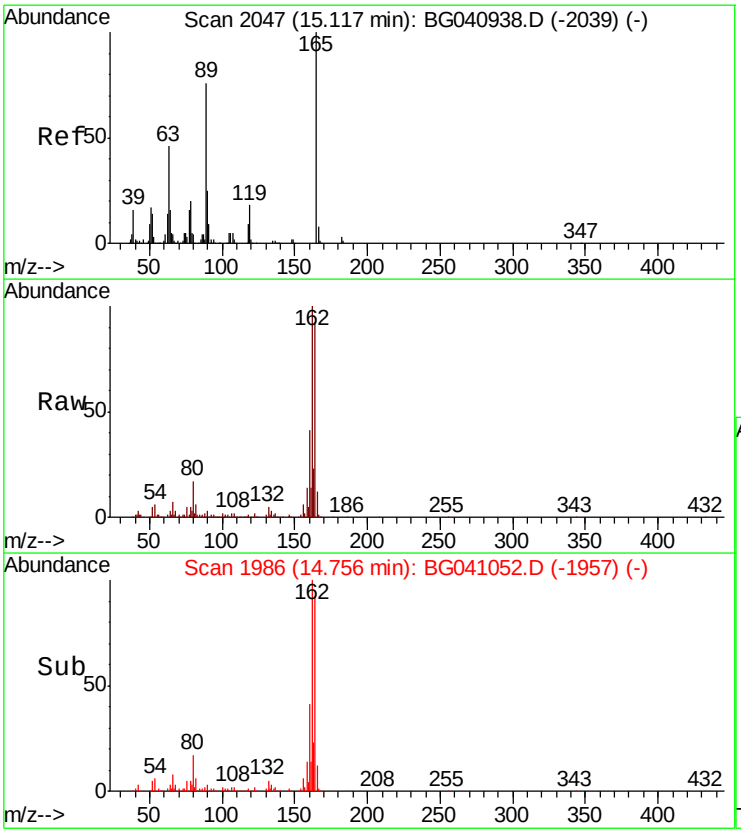
#54
2,4-Dinitrophenol
Concen: 8.288 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.07 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#

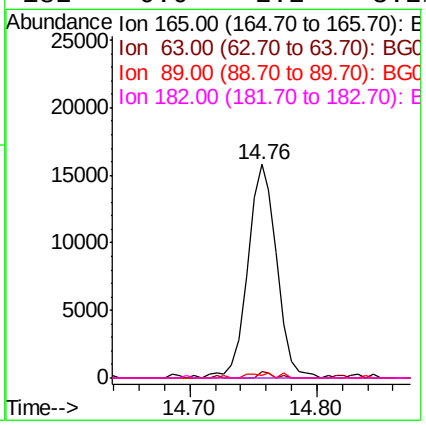


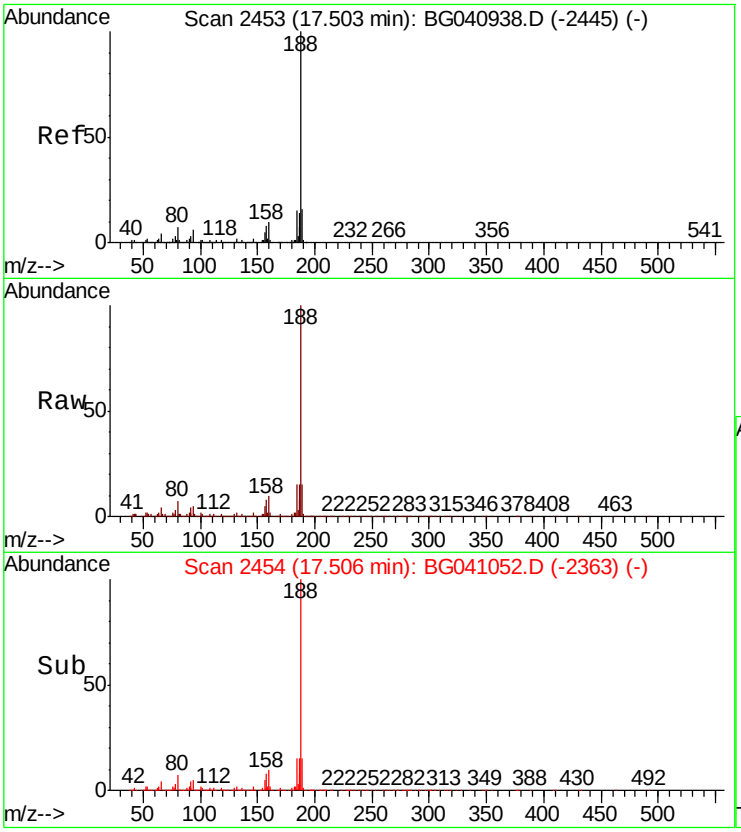


#57
2,4-Dinitrotoluene
Concen: 4.989 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.36 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:165 Resp: 25098

Ion	Ratio	Lower	Upper
165	100		
63	3.1	37.3	55.9#
89	1.2	61.0	91.6#
182	0.0	2.2	3.2#



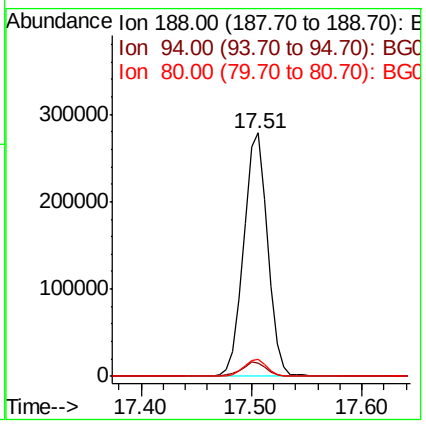


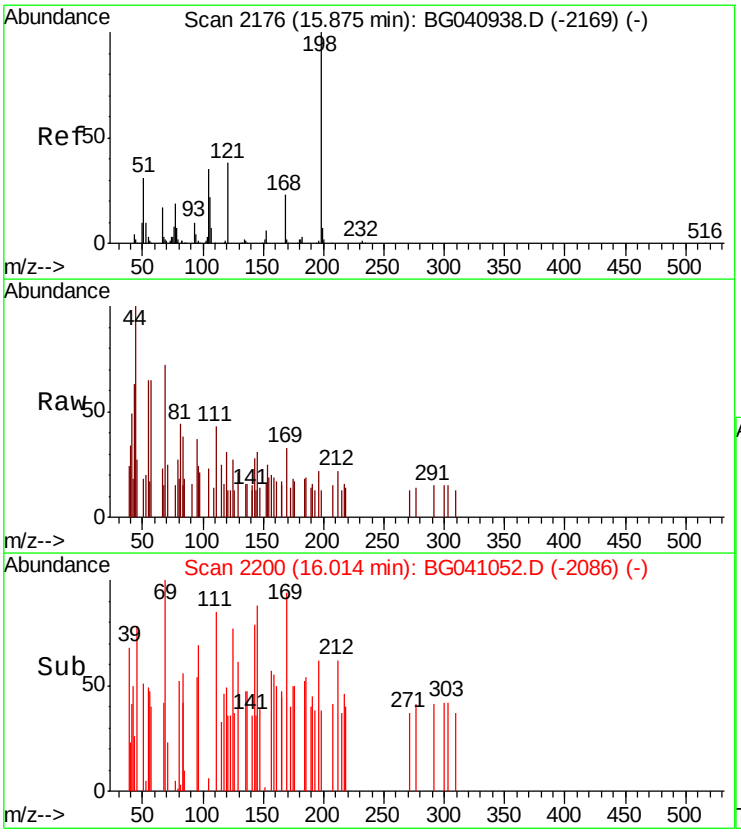
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:188 Resp: 425268

Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.7	7.1
80	6.9	5.8	8.8

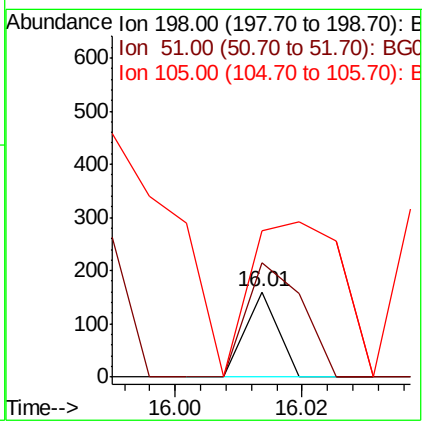


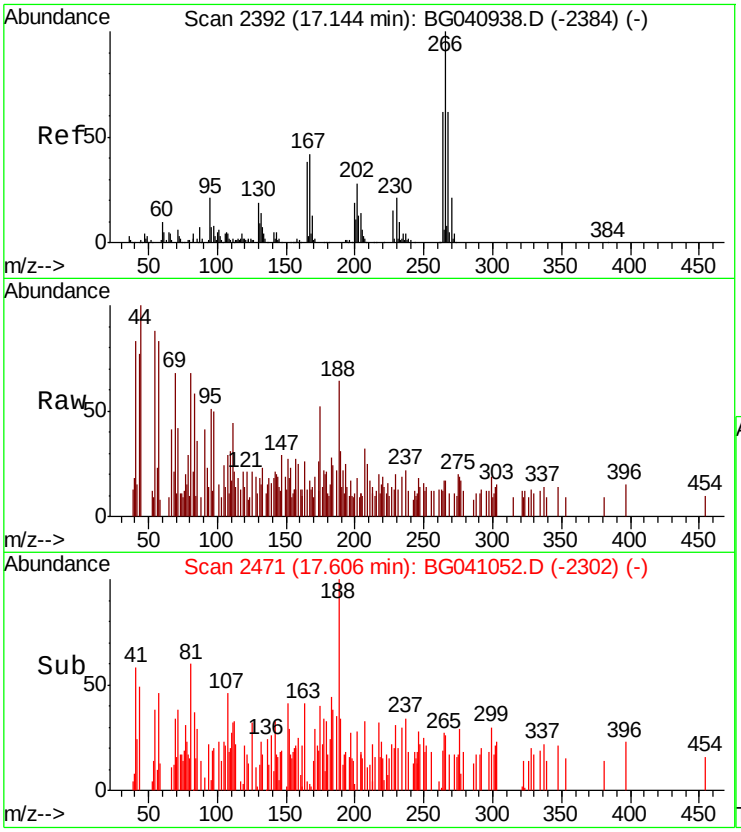


#65
4,6-Dinitro-2-methylphenol
Concen: 8.610 ng
RT: 16.01 min Scan# 2200
Delta R.T. 0.14 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	135.0	21.6	61.6#
105	171.9	17.5	57.5#



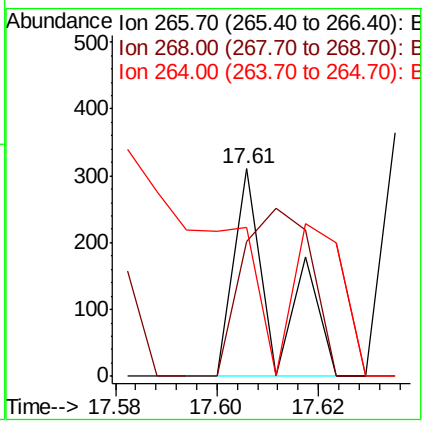


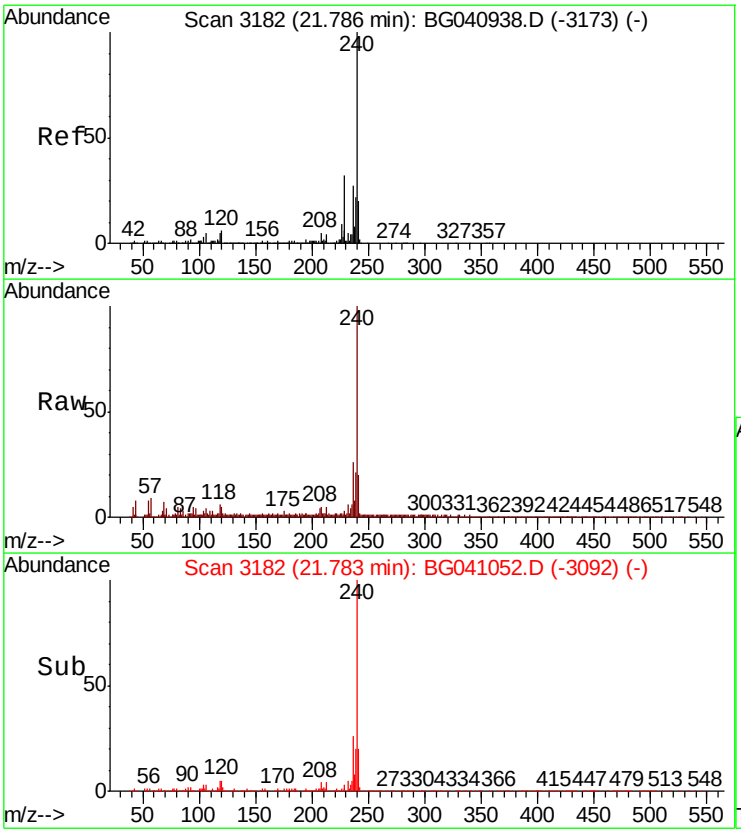
#70
Pentachlorophenol
Concen: 4.306 ng
RT: 17.61 min Scan# 2471
Delta R.T. 0.46 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:266 Resp: 172

Ion	Ratio	Lower	Upper
266	100		
268	64.8	53.1	79.7
264	71.9	49.9	74.9

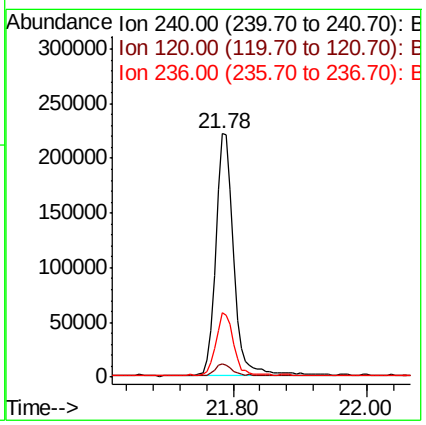


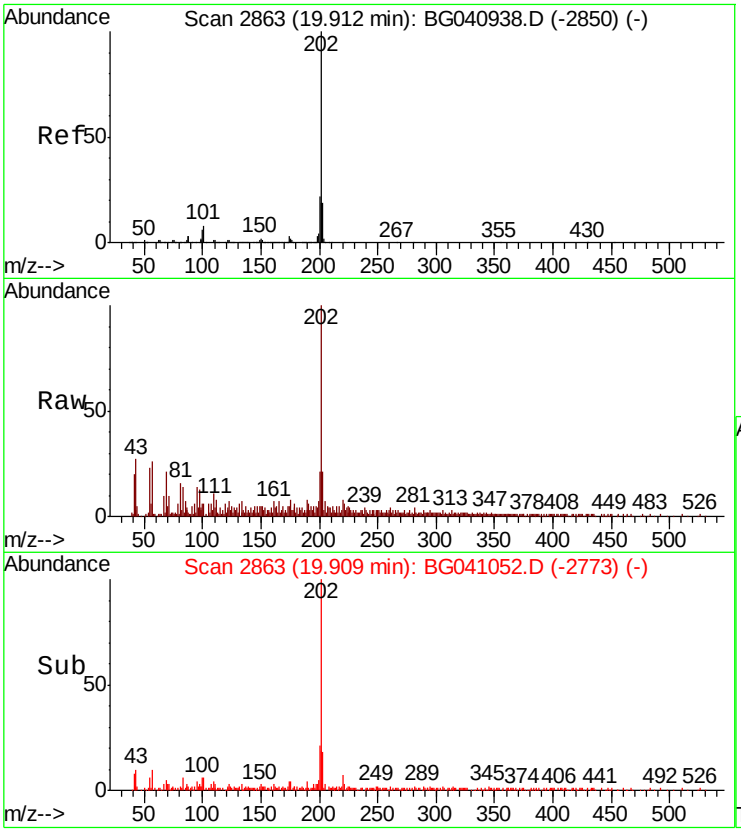


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:240 Resp: 422787

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.5	6.7
236	26.4	21.3	31.9



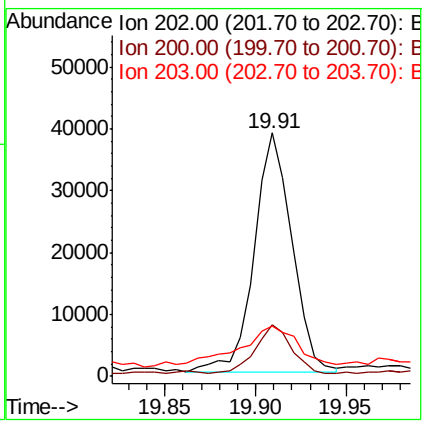


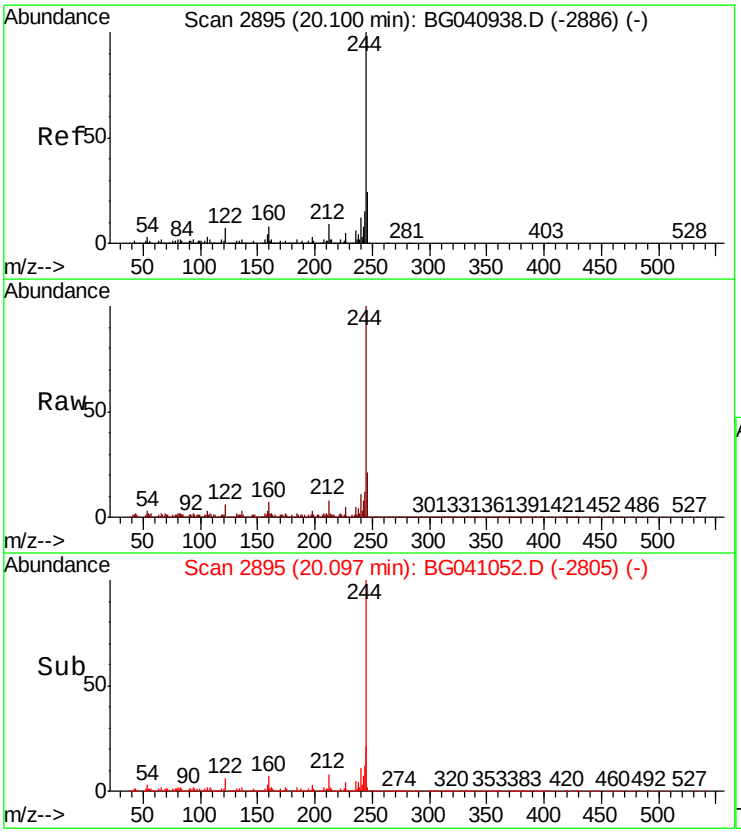
#78
Pyrene
Concen: 2.027 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:202 Resp: 55709

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	20.8	15.6	23.4

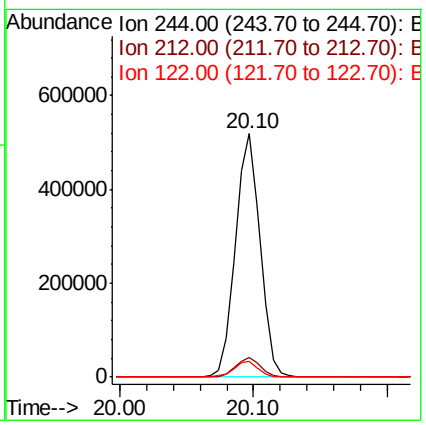


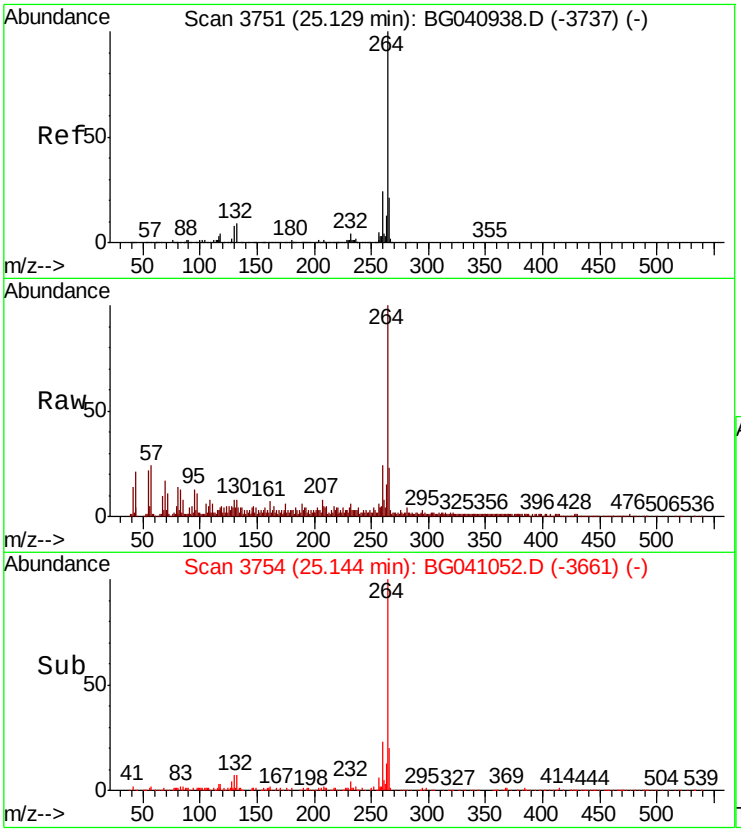


#79
Terphenyl-d14
Concen: 33.095 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:244 Resp: 659287

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	6.3	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3754
Delta R.T. 0.02 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tgt Ion:264 Resp: 294145

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.6	17.0	25.4