Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044213.D
Acq On : 27 Jan 2020 13:24
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0049-DECANT-H2O-COMP-1

Quant Time: Jan 28 00:38:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	109556	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	481851	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	325038	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	635965	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	570124	20.00	ng		-0.03
87) Perylene-d12	24.67	264	632052	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	384633	64.46	ng		-0.03
7) Phenol-d6	7.09	99	379216	45.47	ng		-0.03
23) Nitrobenzene-d5	9.09	82	720761	80.02	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	476492	140.08	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1722877	96.03	ng		-0.04
79) Terphenyl-d14	19.93	244	2157427	93.68	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	23125	2.691	ng		93
19) n-Nitroso-di-n-propylamine	9.09	70	94345	15.190	ng	#	80
50) Dimethylphthalate	14.02	163	90772	3.933	ng		98
51) 2,6-Dinitrotoluene	14.56	165	42278	8.105	ng	#	26
57) 2,4-Dinitrotoluene	14.56	165	42352	5.967	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1504	4.807	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	32556	4.552	ng	#	1
77) Benzidine	19.93	184	38801	2.708	ng	#	91

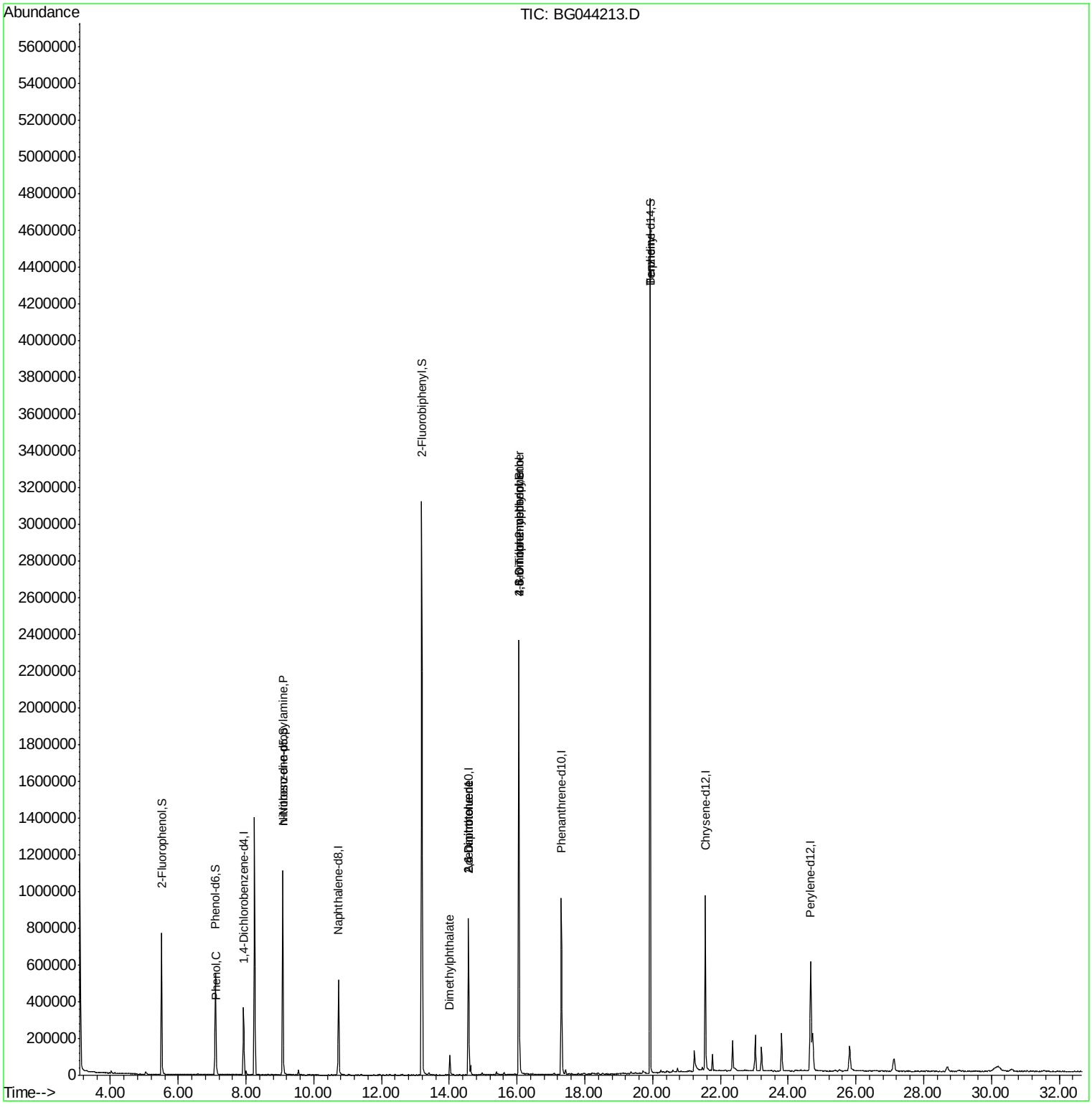
(#) = qualifier out of range (m) = manual integration (+) = signals summed

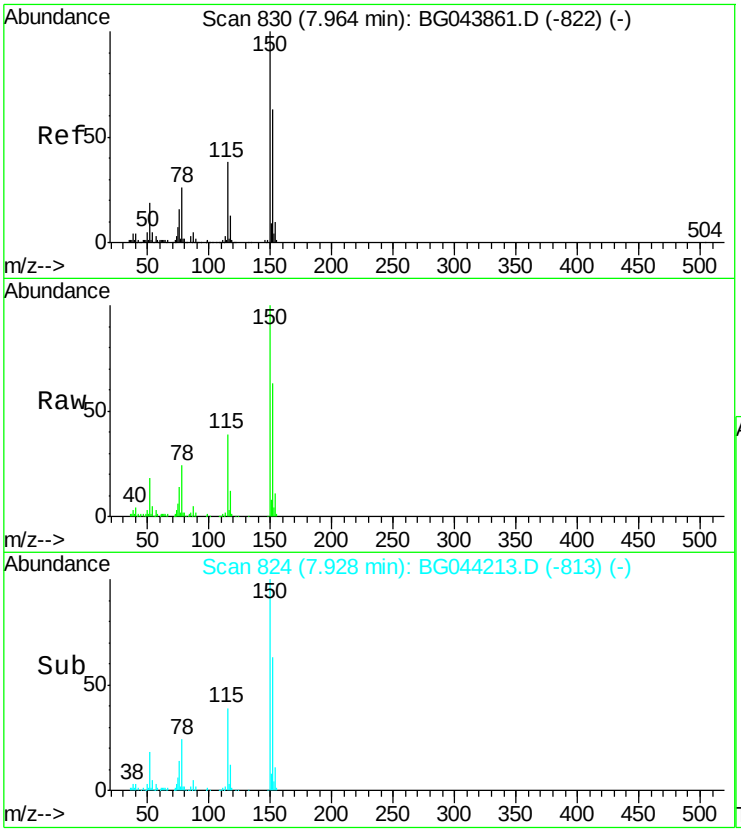
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044213.D
Acq On : 27 Jan 2020 13:24
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Quant Time: Jan 28 00:38:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



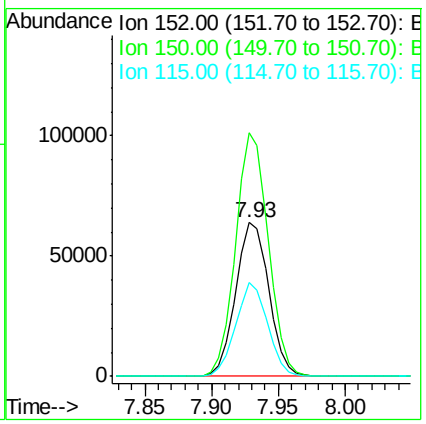


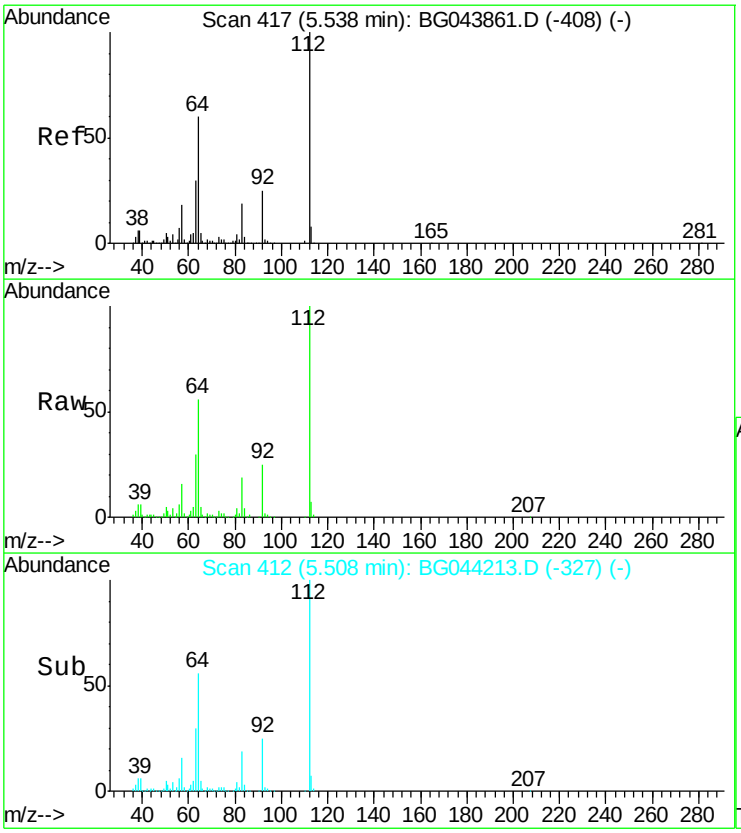
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:152 Resp: 109556

Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	61.2	47.8	71.8

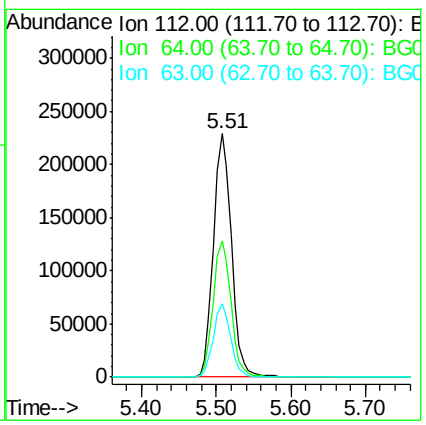


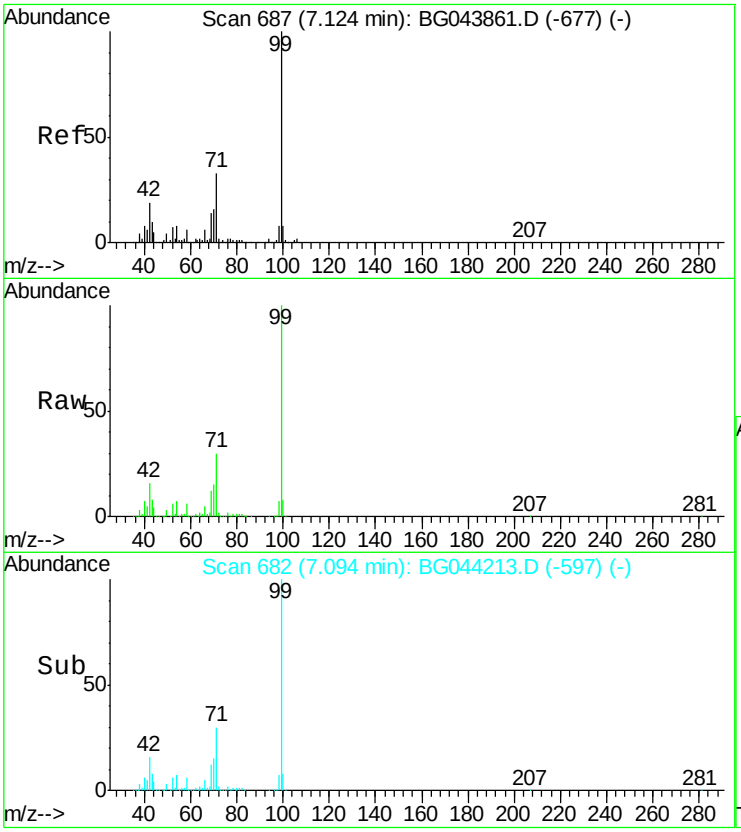


#5
2-Fluorophenol
Concen: 64.463 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:112 Resp: 384633

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.8	71.6
63	30.1	24.3	36.5



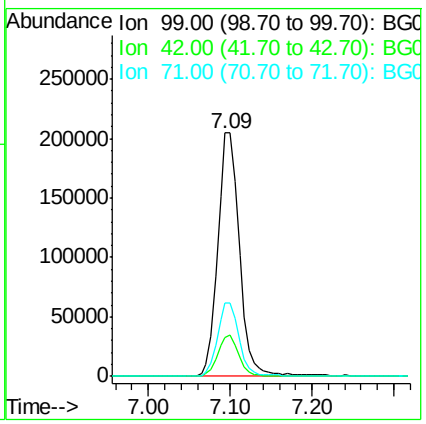


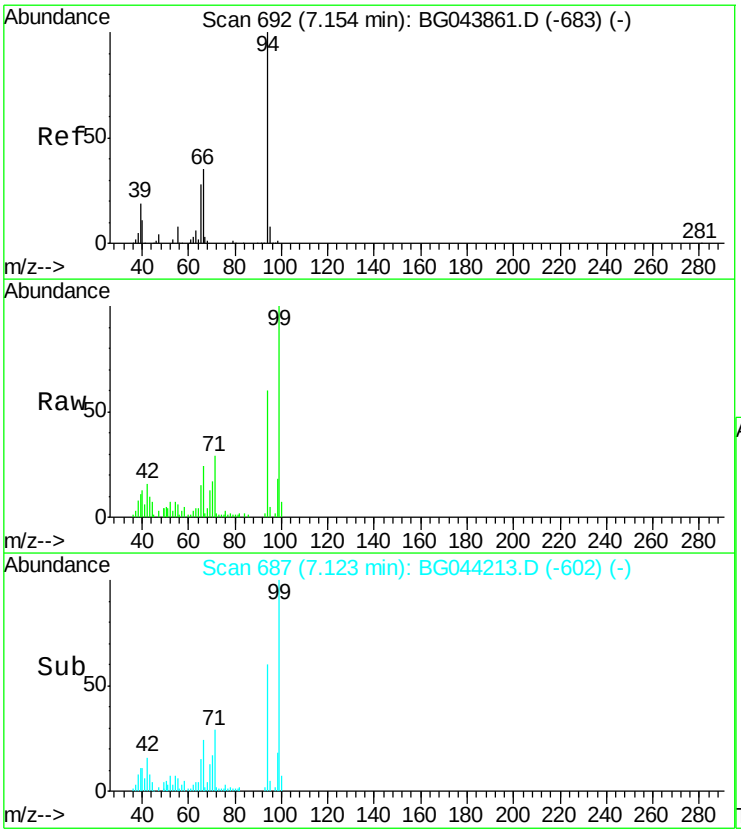
#7
Phenol-d6
Concen: 45.467 ng
RT: 7.09 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion: 99 Resp: 379216

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.9	22.3
71	30.1	26.4	39.6

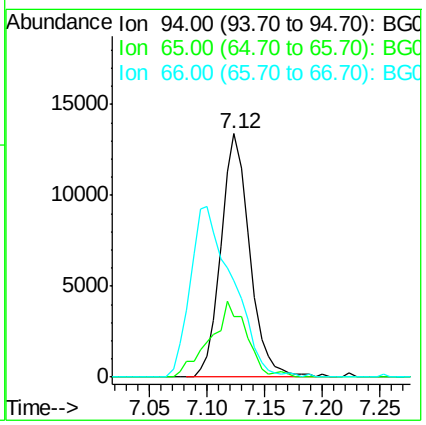


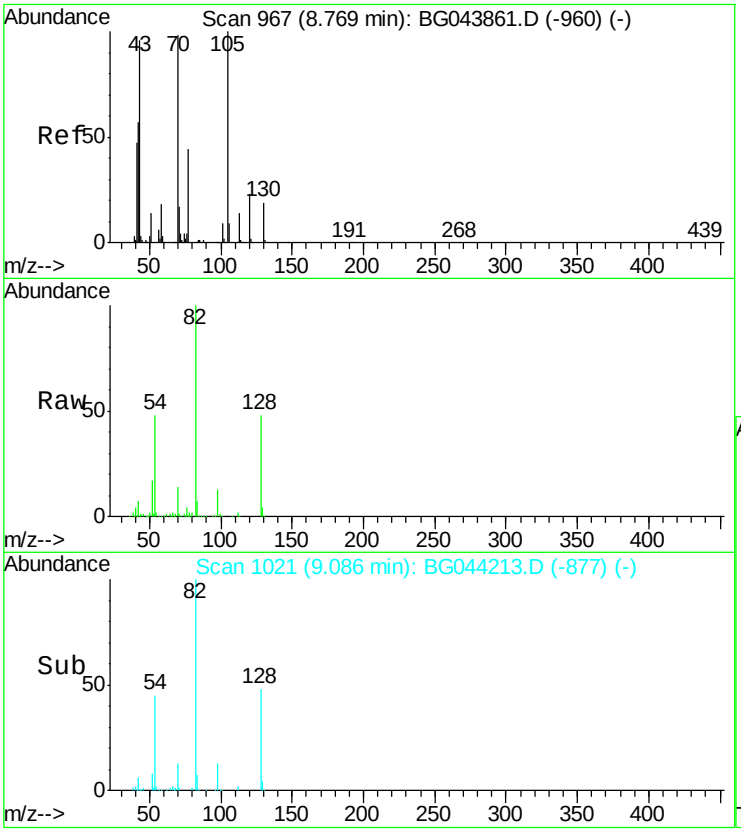


#10
Phenol
Concen: 2.691 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion: 94 Resp: 23125

Ion	Ratio	Lower	Upper
94	100		
65	24.7	8.1	48.1
66	39.6	15.6	55.6



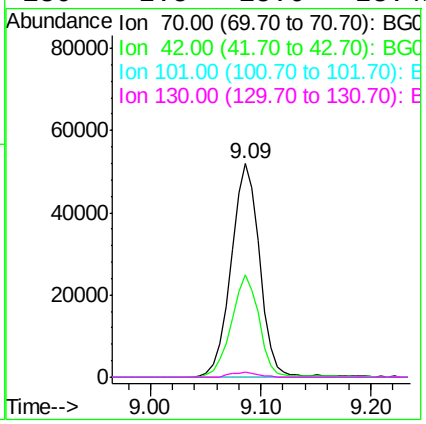


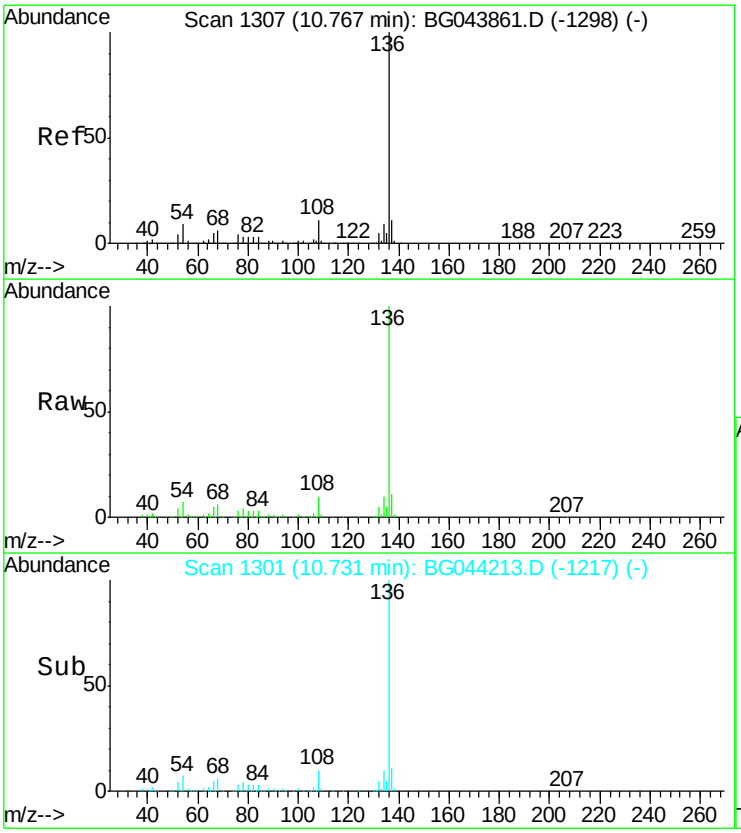
#19
n-Nitroso-di-n-propylamine
Concen: 15.190 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion: 70 Resp: 94345

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.0	70.4
101	0.0	7.2	10.8#
130	2.5	15.6	23.4#

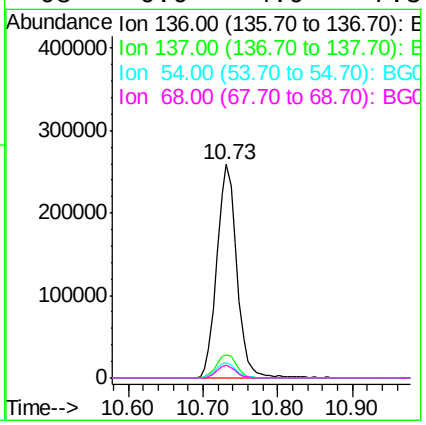


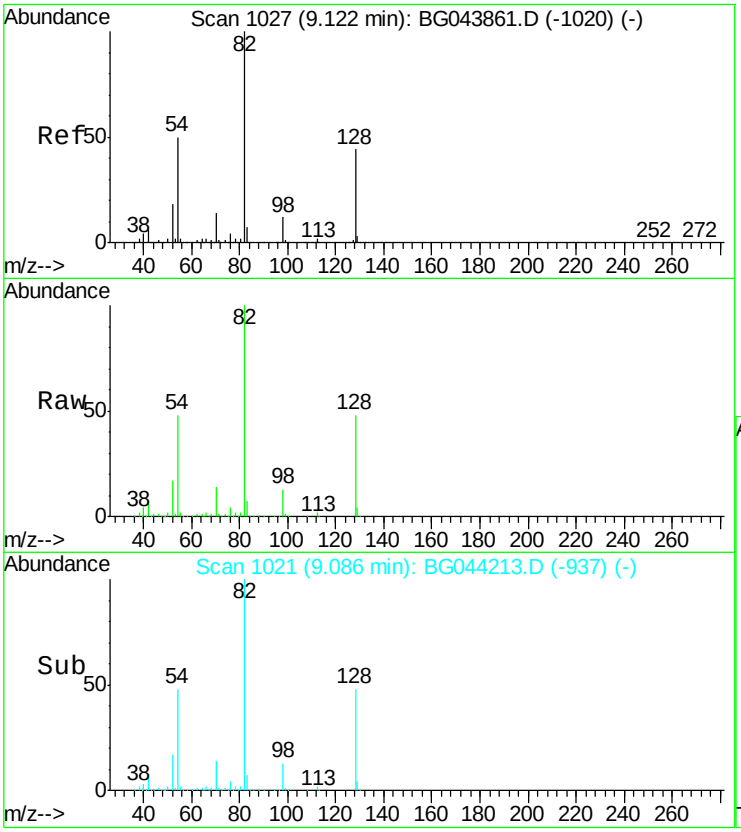


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:136 Resp: 481851

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	7.0	10.4
68	6.0	4.9	7.3



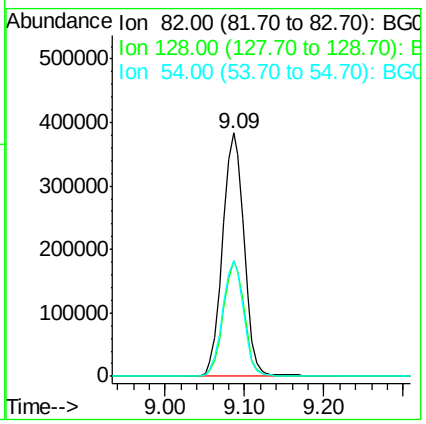


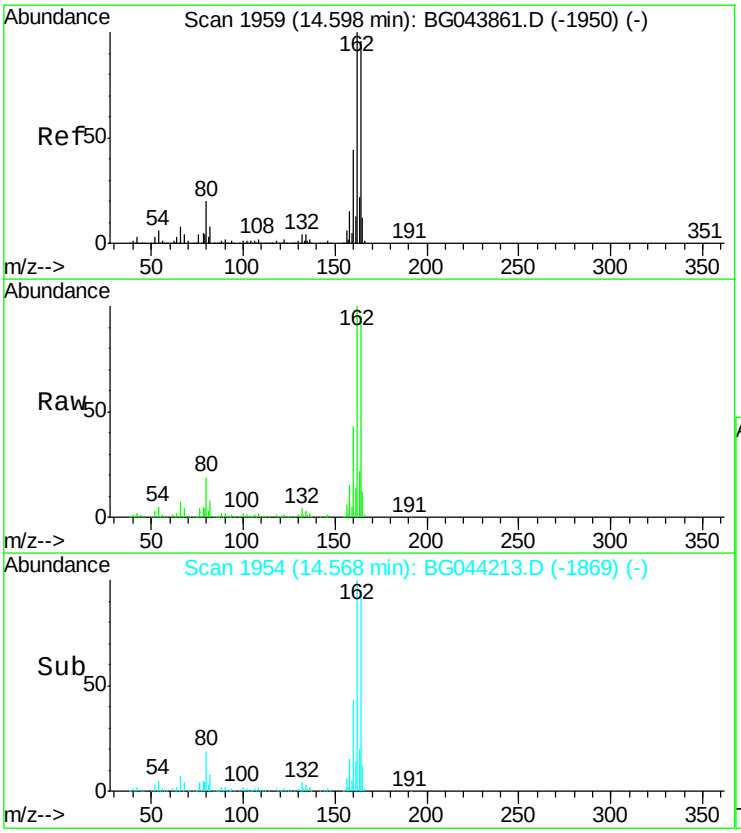
#23
Nitrobenzene-d5
Concen: 80.020 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion: 82 Resp: 720761

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.1	52.7
54	47.7	40.1	60.1

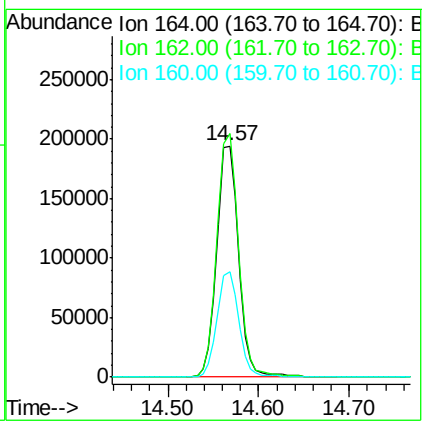


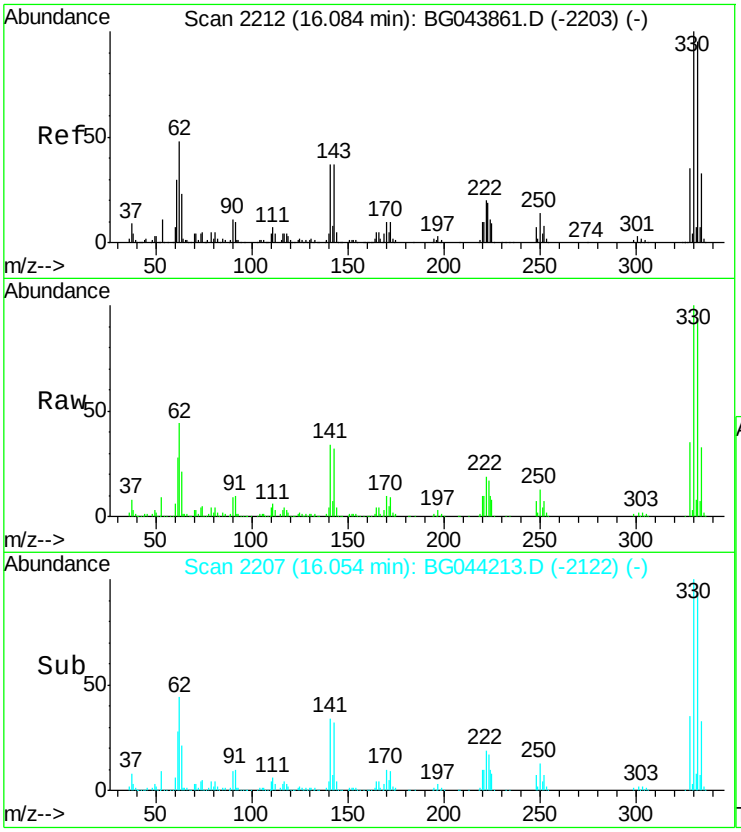


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:164 Resp: 325038

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.4
160	45.8	36.1	54.1



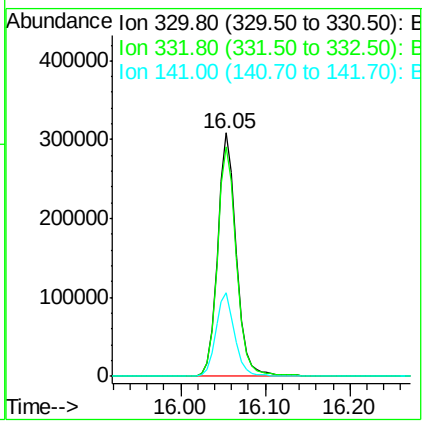


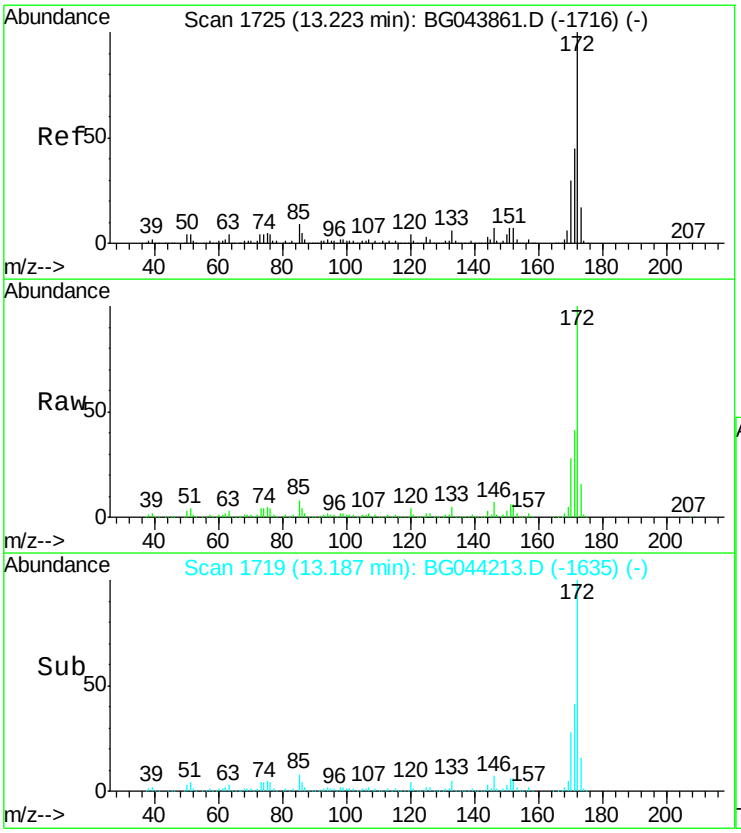
#42
2,4,6-Tribromophenol
Concen: 140.085 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:330 Resp: 476492

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	34.8	33.1	49.7

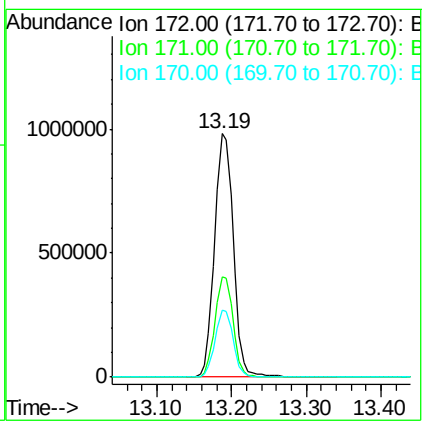


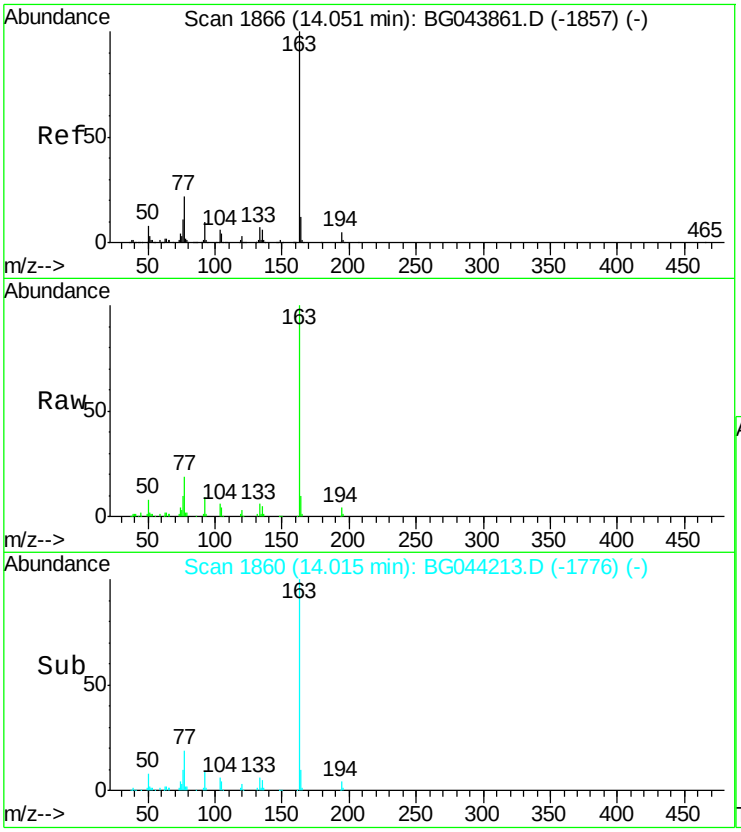


#45
2-Fluorobiphenyl
Concen: 96.034 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:172 Resp: 1722877

Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.8	53.8
170	27.6	24.2	36.4



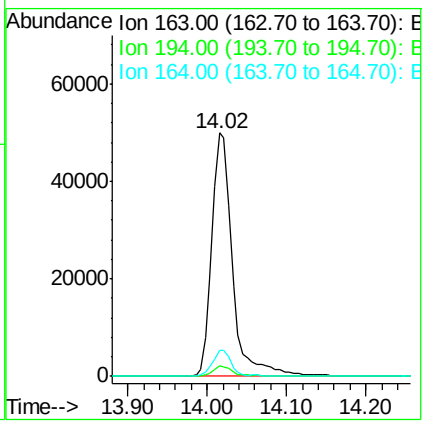


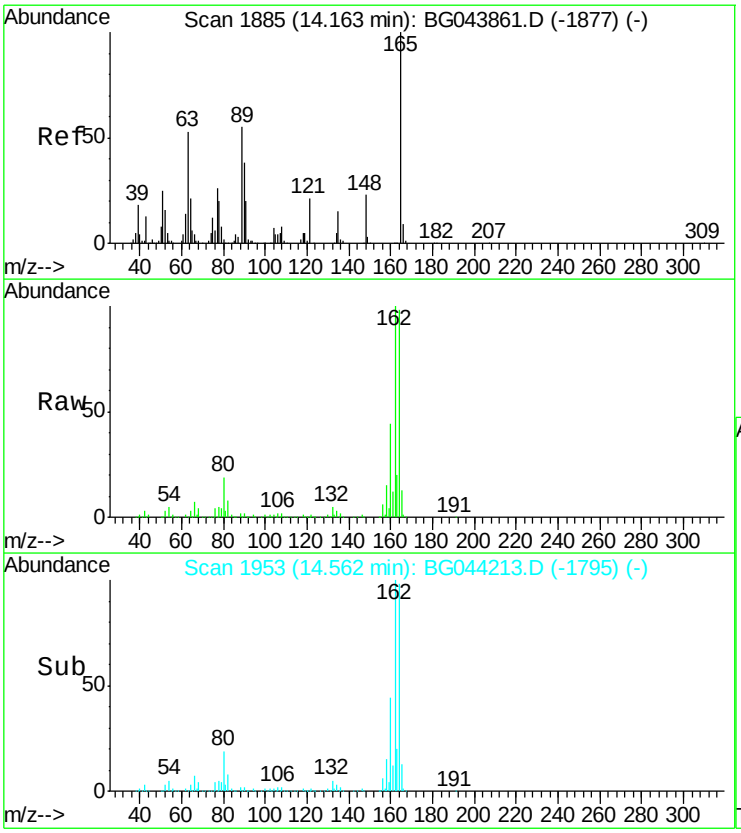
#50
Dimethylphthalate
Concen: 3.933 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:163 Resp: 90772

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.5	9.3	13.9

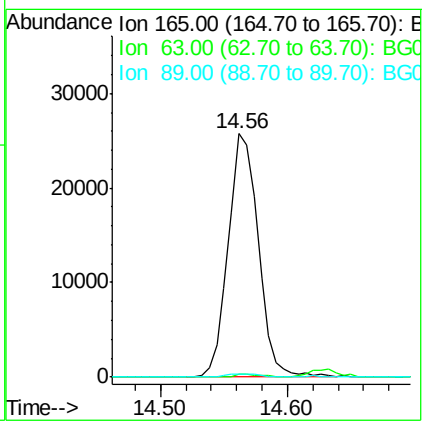


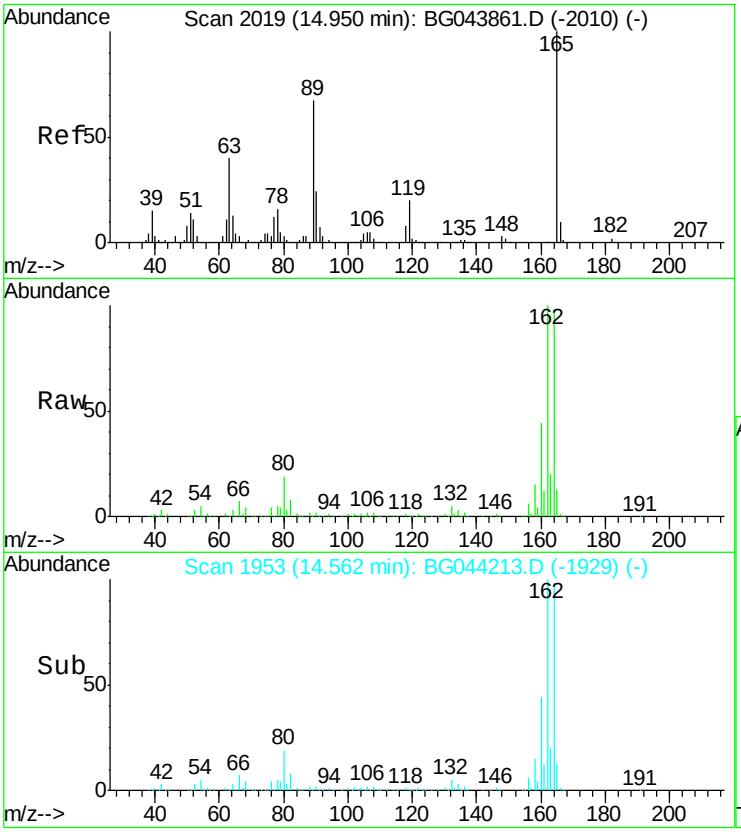


#51
2,6-Dinitrotoluene
Concen: 8.105 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.40 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:165 Resp: 42278

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.1	64.7#
89	1.2	43.8	65.6#



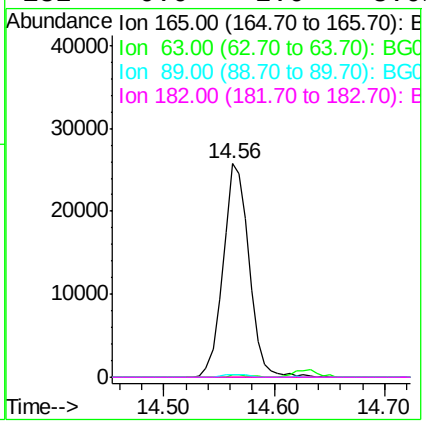


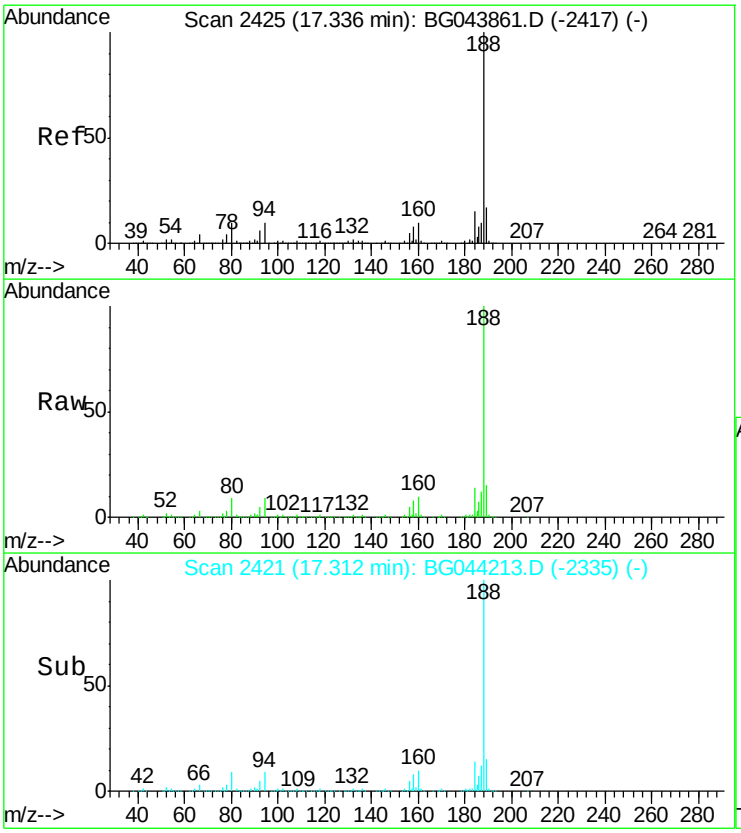
#57
2,4-Dinitrotoluene
Concen: 5.967 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:165 Resp: 42352

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.9	47.9#
89	1.2	53.8	80.6#
182	0.0	2.0	3.0#

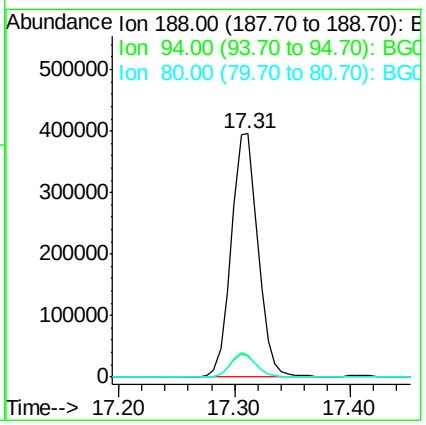


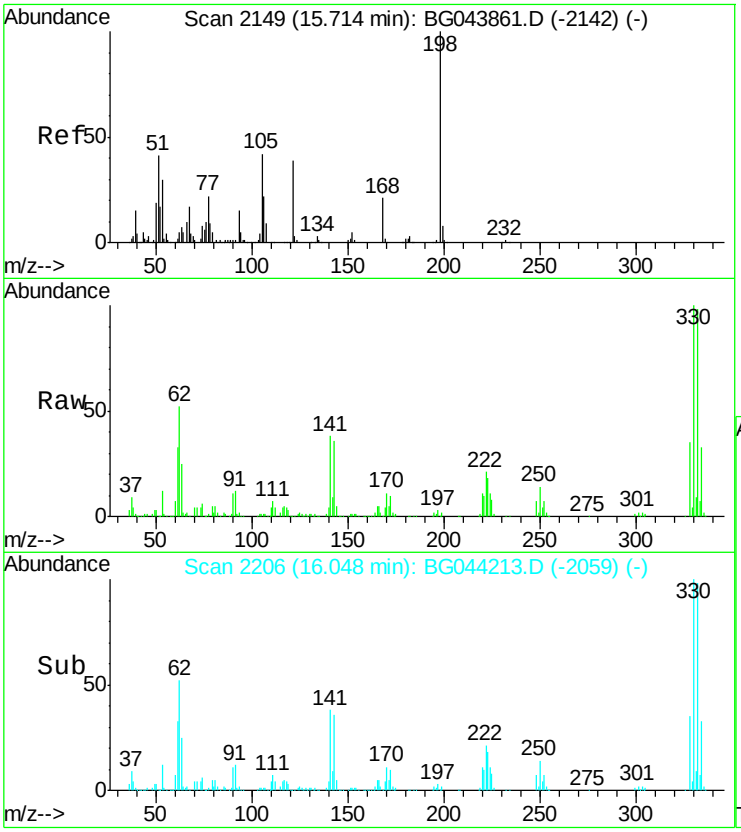


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:188 Resp: 635965

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.4	8.2	12.4



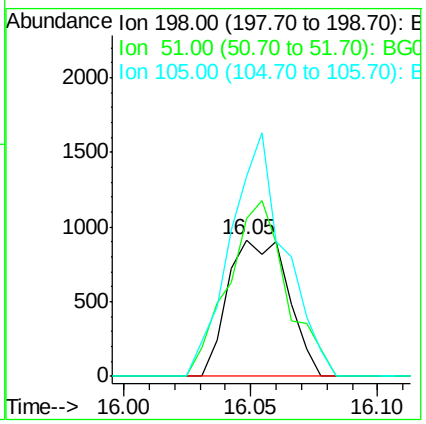


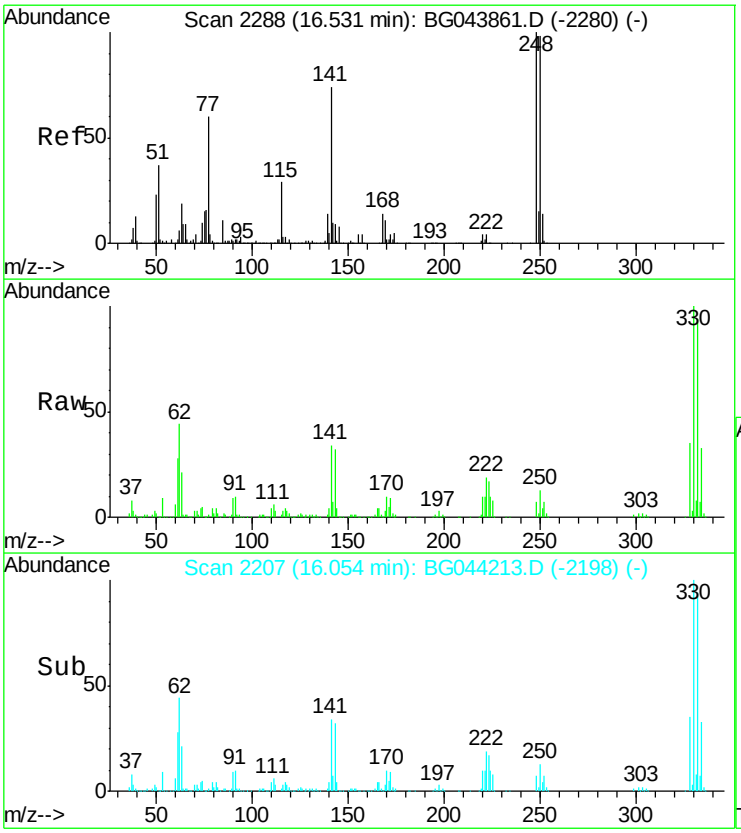
#65
4,6-Dinitro-2-methylphenol
Concen: 4.807 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.33 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:198 Resp: 1504

Ion	Ratio	Lower	Upper
198	100		
51	116.2	22.5	62.5#
105	147.1	22.3	62.3#

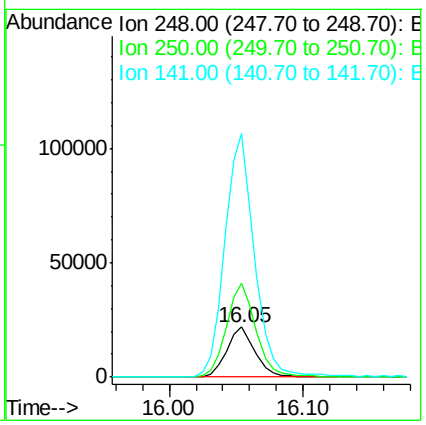


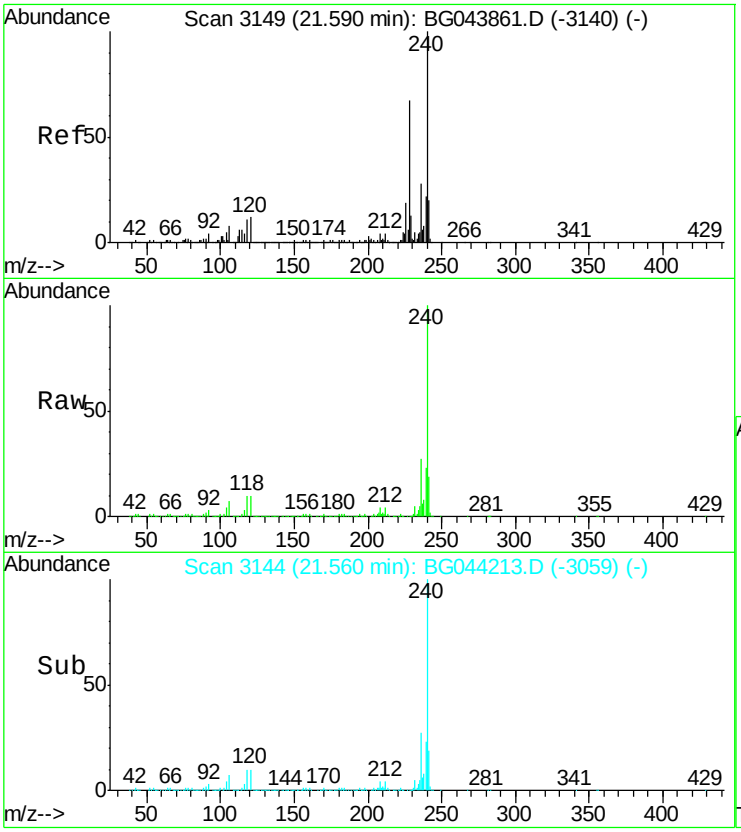


#67
4-Bromophenyl-phenylether
Concen: 4.552 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:248 Resp: 32556

Ion	Ratio	Lower	Upper
248	100		
250	188.0	78.2	117.2#
141	486.5	59.3	88.9#



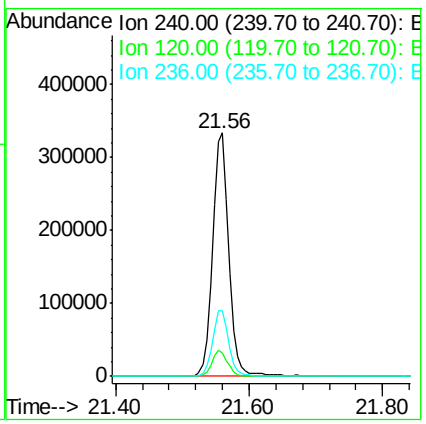


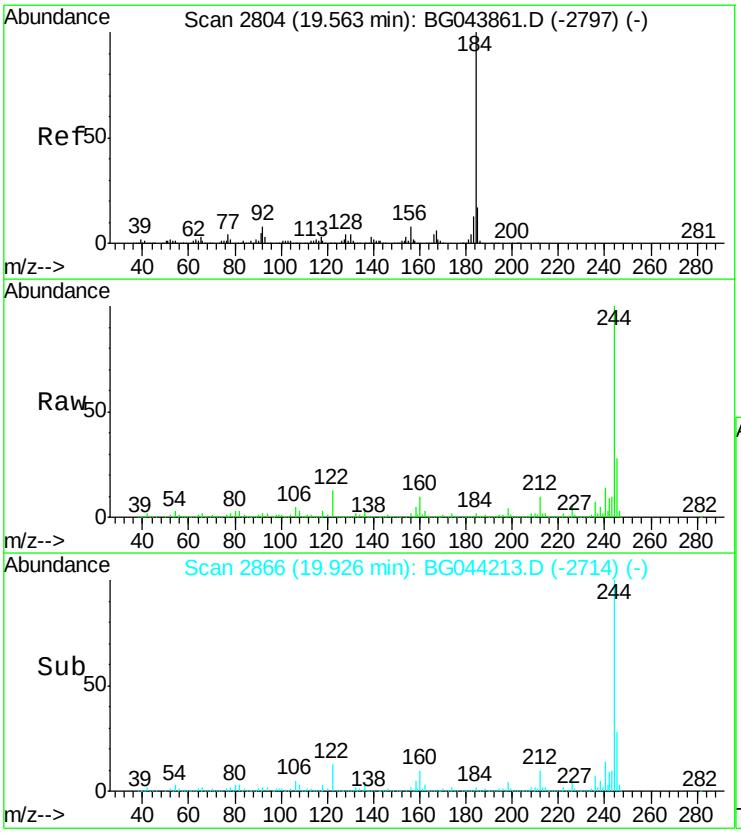
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:240 Resp: 570124

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.6	14.4
236	26.9	22.2	33.2

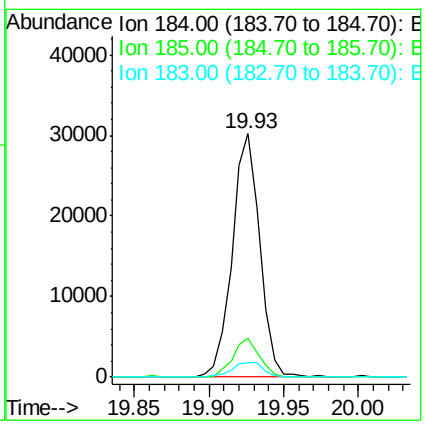


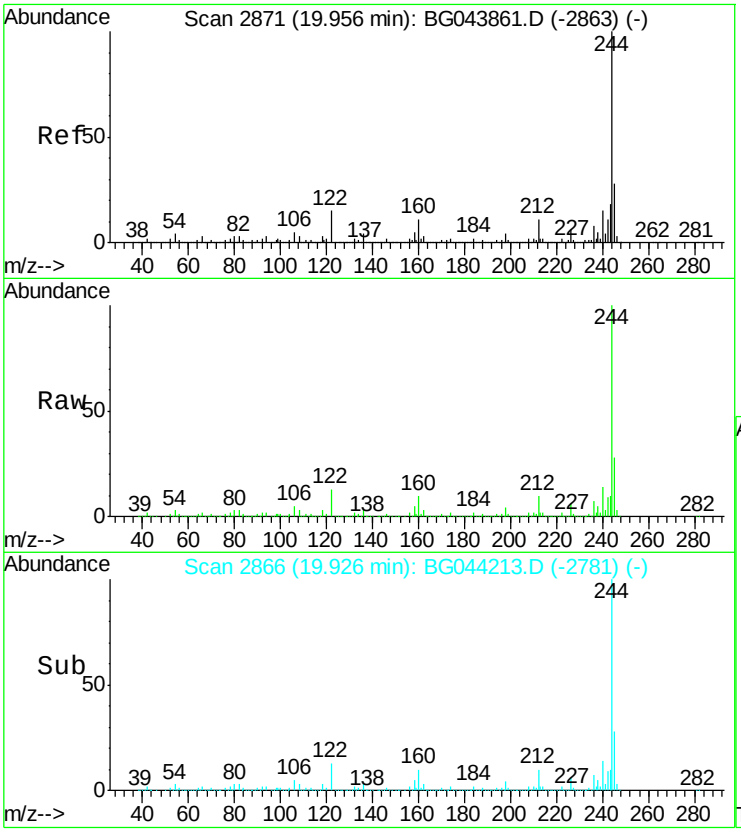


#77
Benzidine
Concen: 2.708 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:184 Resp: 38801

Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	6.2	10.6	15.8#



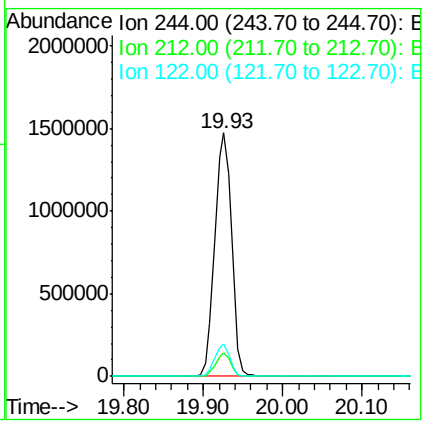


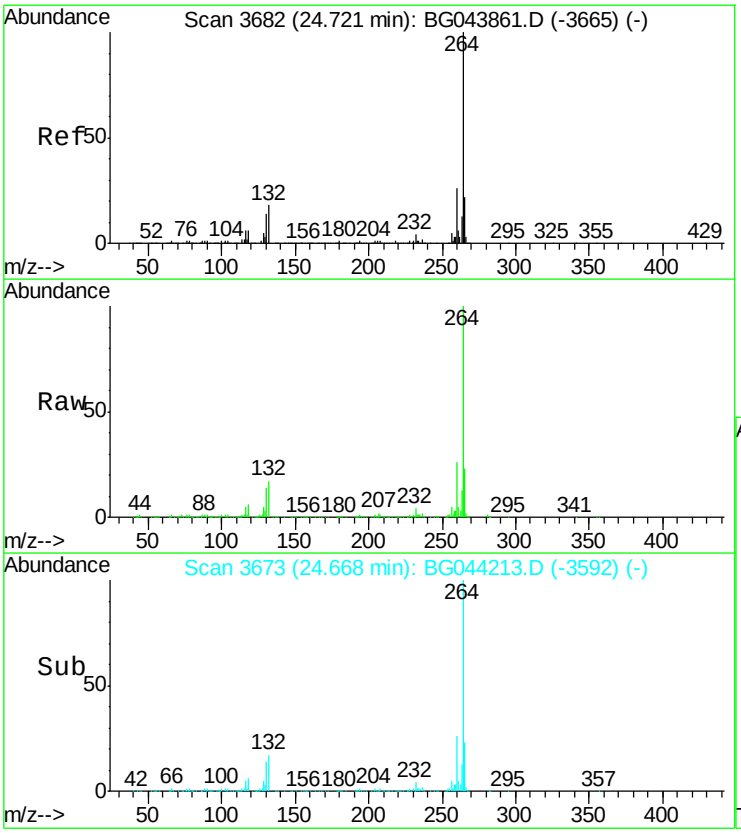
#79
Terphenyl-d14
Concen: 93.681 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Instrument :
BNA_G
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion:244 Resp: 2157427

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	13.1	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044213.D
Acq: 27 Jan 2020 13:24

Tgt Ion:264 Resp: 632052

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	22.6	17.4	26.2