Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

Quantitation Report (Not Reviewed)

Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Time: Jan 21 04:51:43 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	84884	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	376920	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	252993	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	545471	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	470299	20.00	ng		-0.03
87) Perylene-d12	24.67	264	518991	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	306923	66.39	ng		-0.03
7) Phenol-d6	7.10	99	268469	41.54	ng		-0.02
23) Nitrobenzene-d5	9.09	82	613346	87.05	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	420737	158.92	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1398921	100.18	ng		-0.03
79) Terphenyl-d14	19.93	244	1880161	101.18	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	30198	4.536	ng		97
19) n-Nitroso-di-n-propylamine	9.09	70	80766	16.783	ng	#	76
50) Dimethylphthalate	14.02	163	48614	2.706	ng		96
51) 2,6-Dinitrotoluene	14.57	165	33053	8.141	ng	#	27
57) 2,4-Dinitrotoluene	14.57	165	33053	5.983	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1442	4.856	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	30278	4.935	ng	#	1
77) Benzidine	19.93	184	34423	2.912	ng	#	90

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

Quantitation Report (Not Reviewed)

Data File : BG044110.D
Acq On : 20 Jan 2020 22:56
Operator : JU
Sample : L1184-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720-(SETTLED)

Quant Time: Jan 21 04:51:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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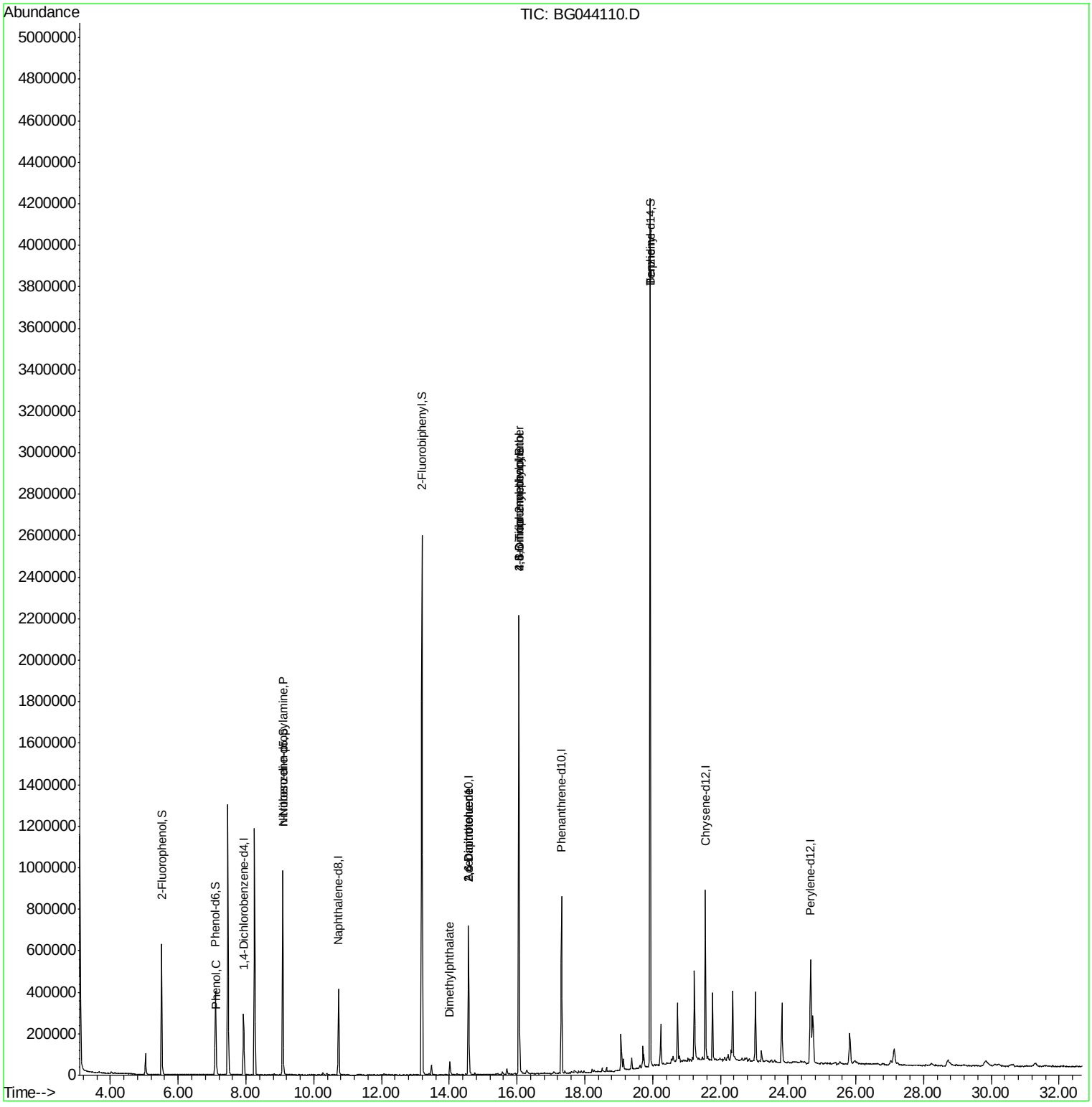
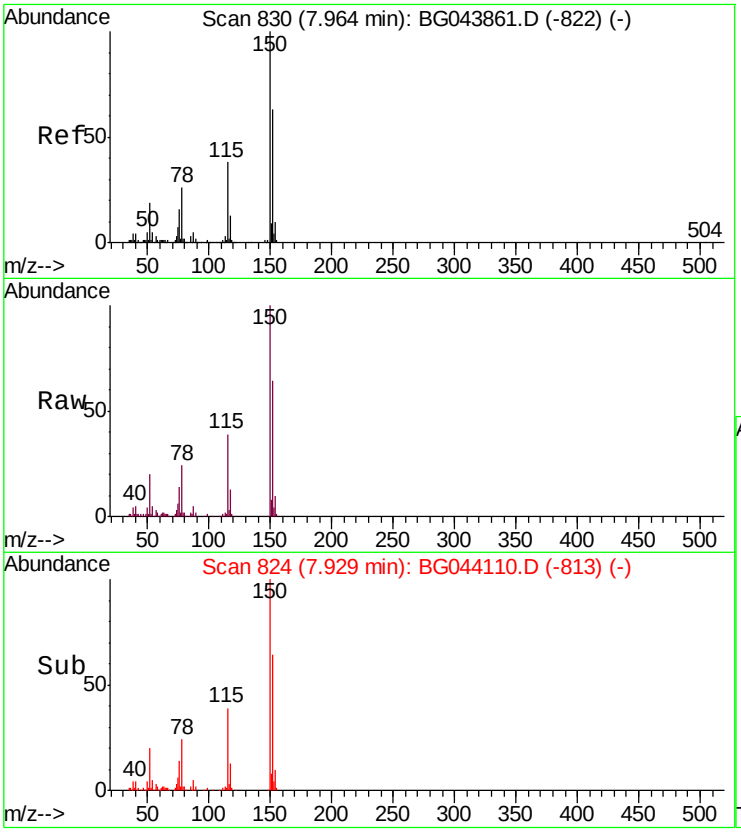


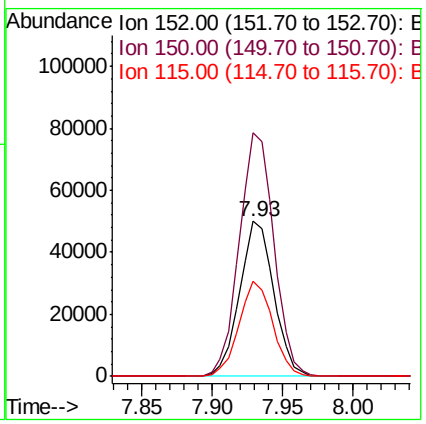


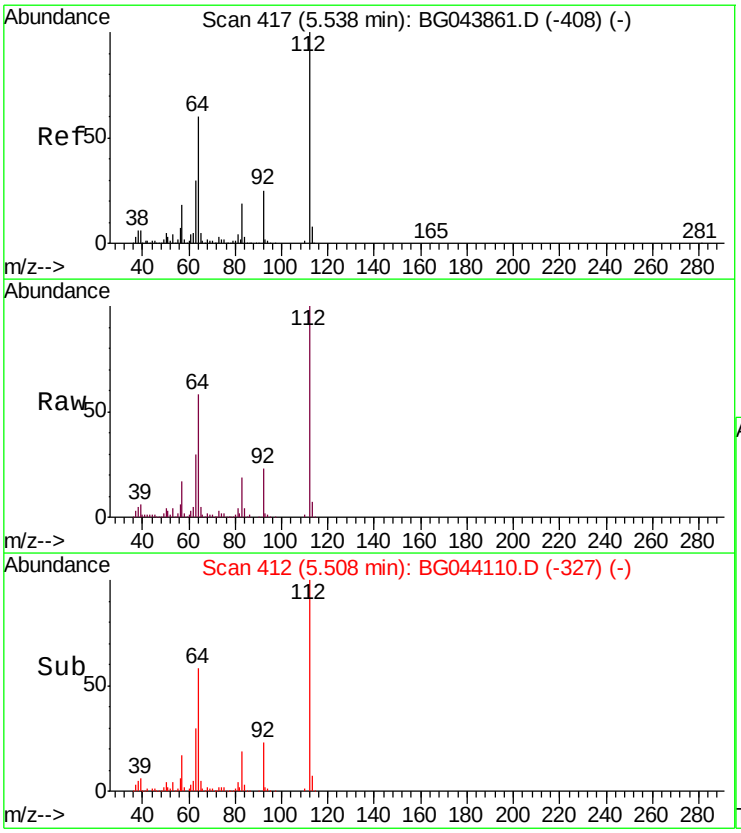
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:152 Resp: 84884

Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.0	190.4
115	61.4	47.8	71.8

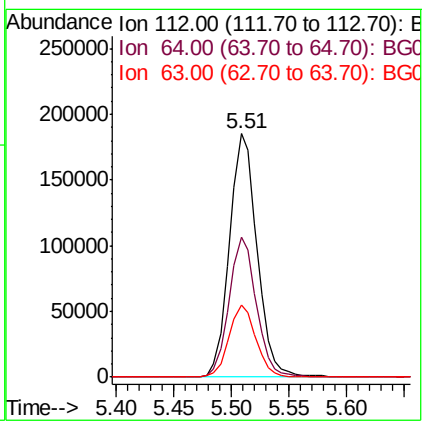


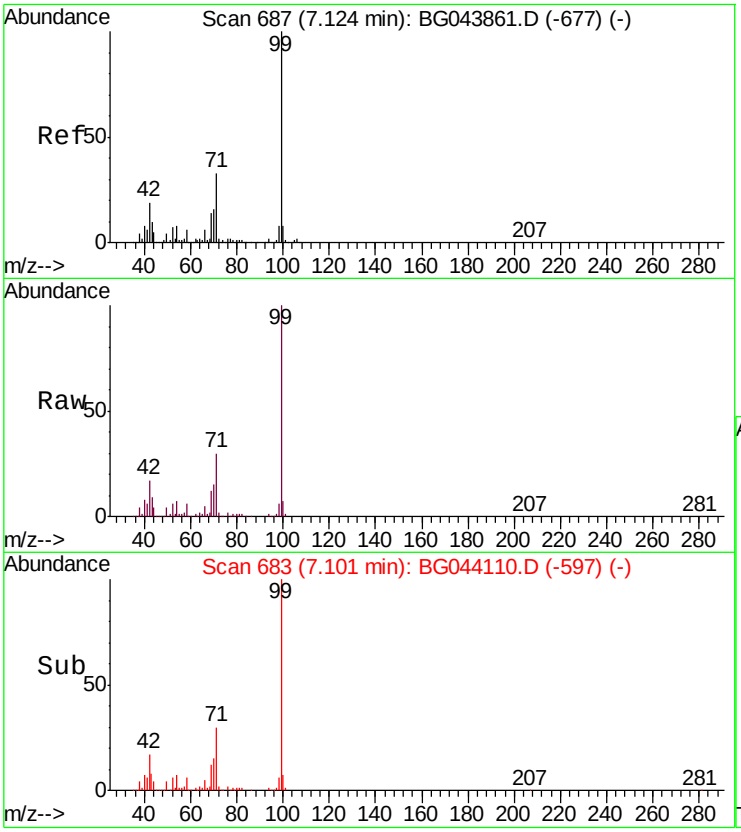


#5
2-Fluorophenol
Concen: 66.390 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:112 Resp: 306923

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.8	71.6
63	29.7	24.3	36.5



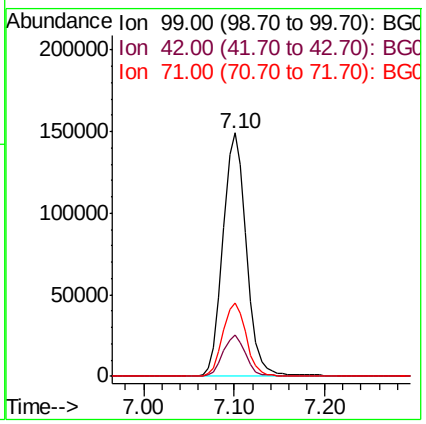


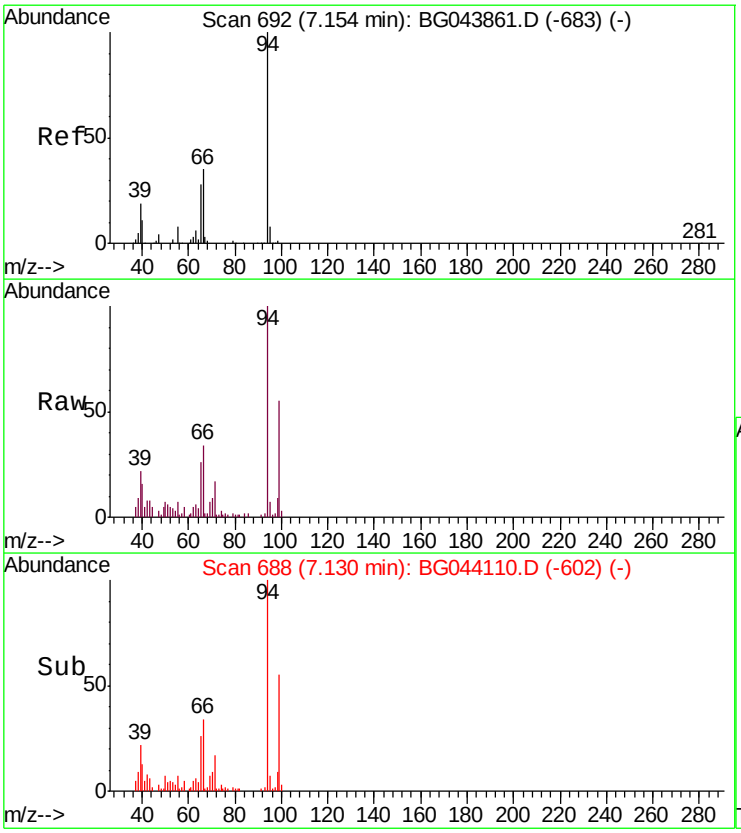
#7
Phenol-d6
Concen: 41.545 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion: 99 Resp: 268469

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.9	22.3
71	30.2	26.4	39.6

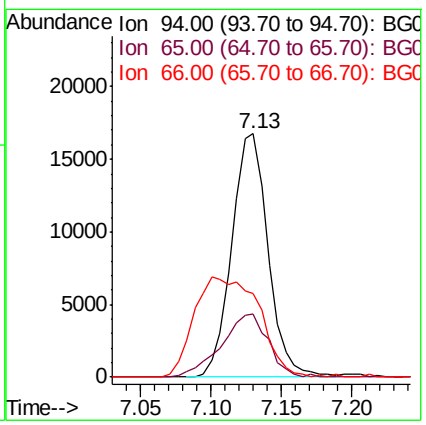


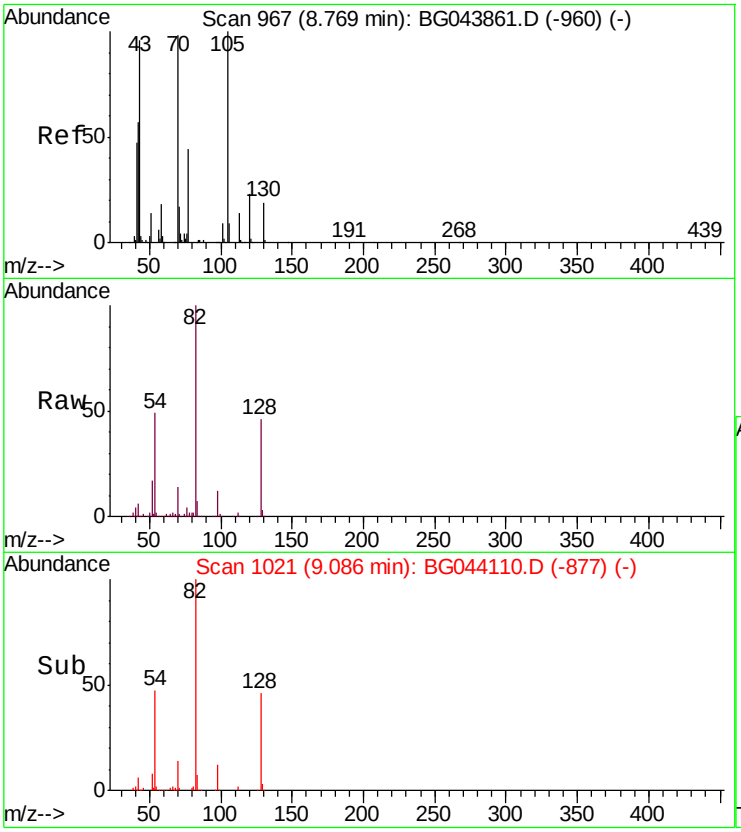


#10
Phenol
Concen: 4.536 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion: 94 Resp: 30198

Ion	Ratio	Lower	Upper
94	100		
65	25.7	8.1	48.1
66	34.4	15.6	55.6



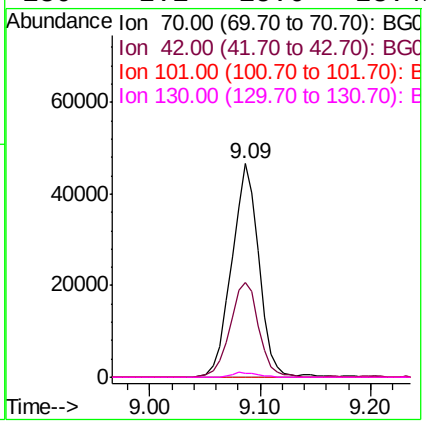


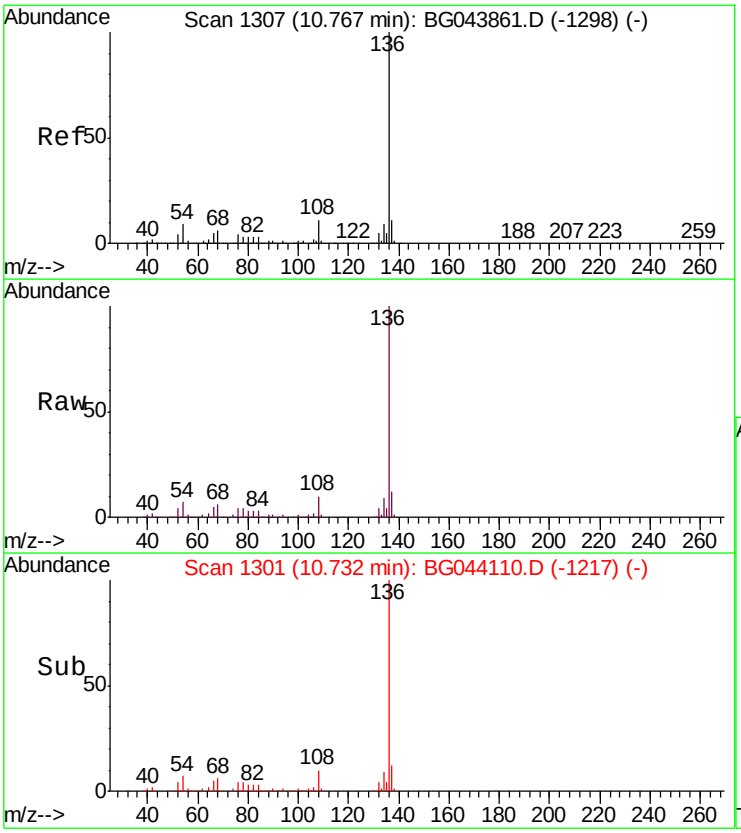
#19
n-Nitroso-di-n-propylamine
Concen: 16.783 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion: 70 Resp: 80766

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.0	70.4#
101	0.0	7.2	10.8#
130	2.1	15.6	23.4#

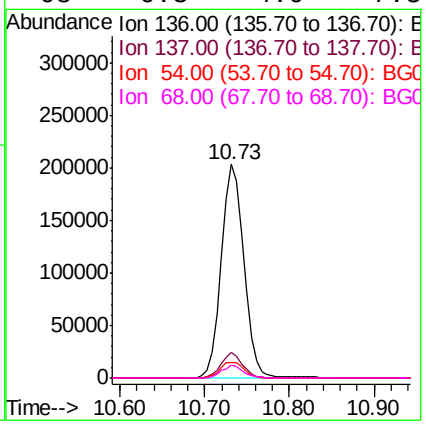


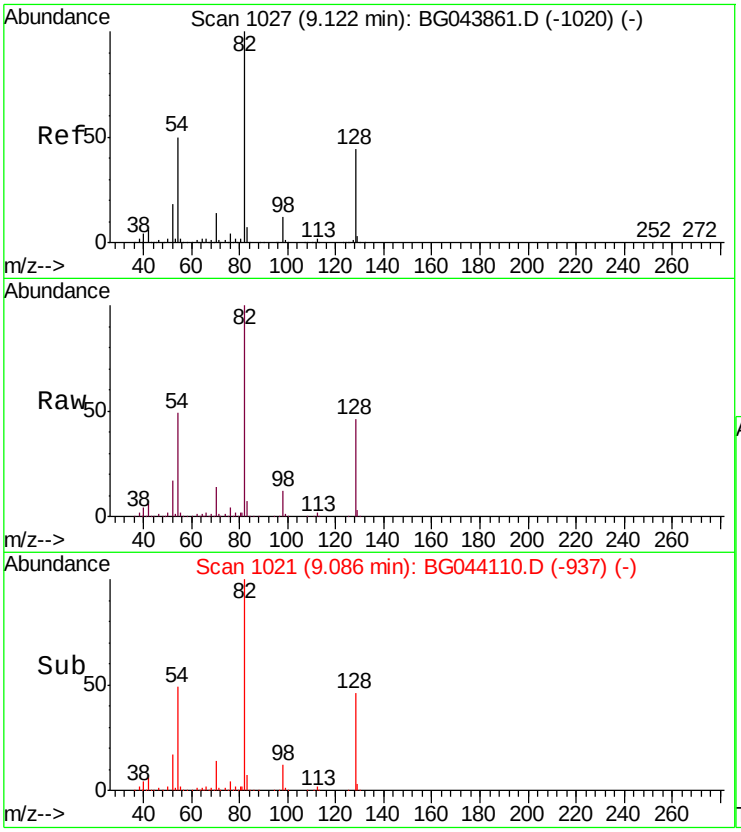


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:136 Resp: 376920

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	7.5	7.0	10.4
68	6.3	4.9	7.3



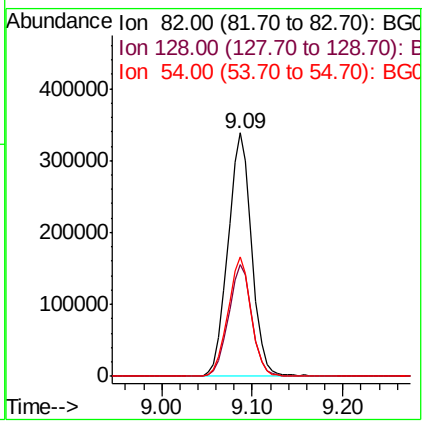


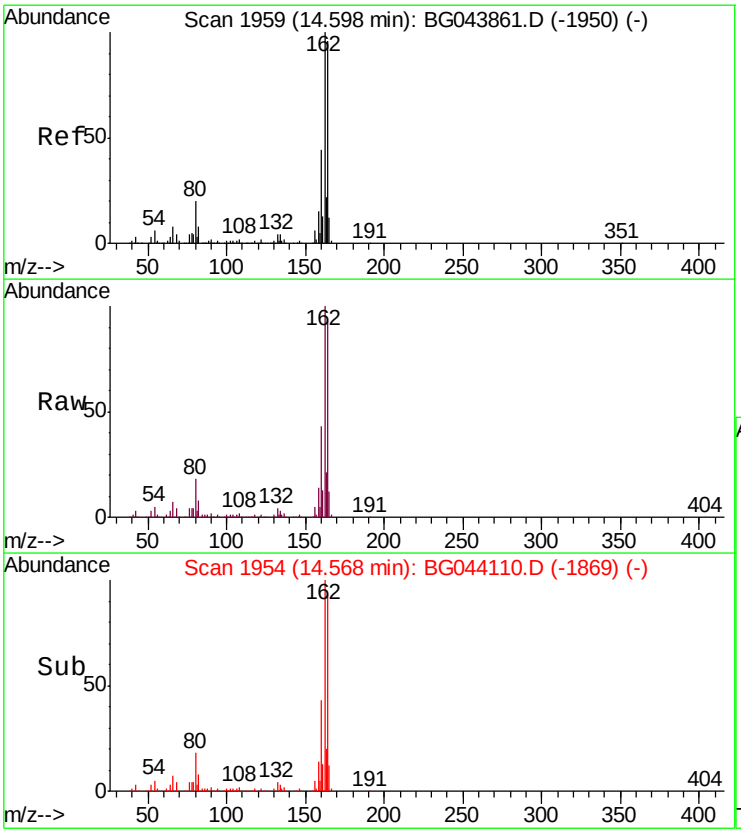
#23
Nitrobenzene-d5
Concen: 87.052 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion: 82 Resp: 613346

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	49.2	40.1	60.1

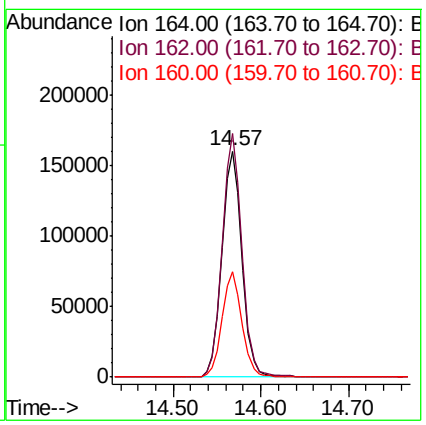


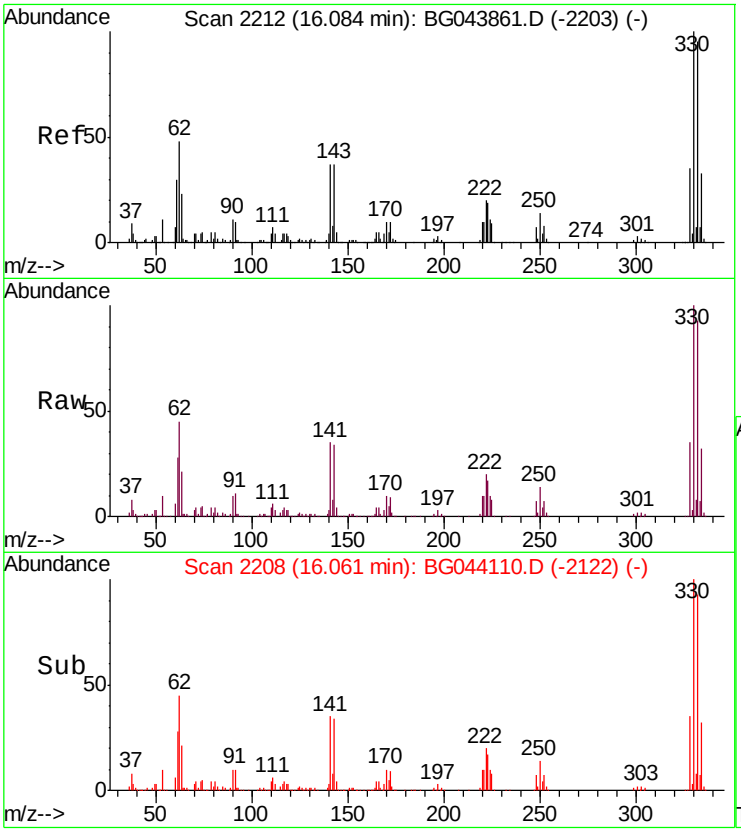


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:164 Resp: 252993

Ion	Ratio	Lower	Upper
164	100		
162	107.7	83.0	124.4
160	46.6	36.1	54.1



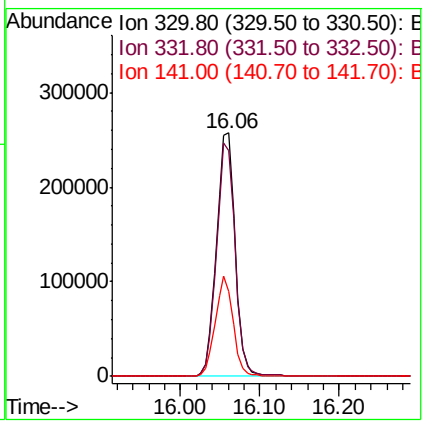


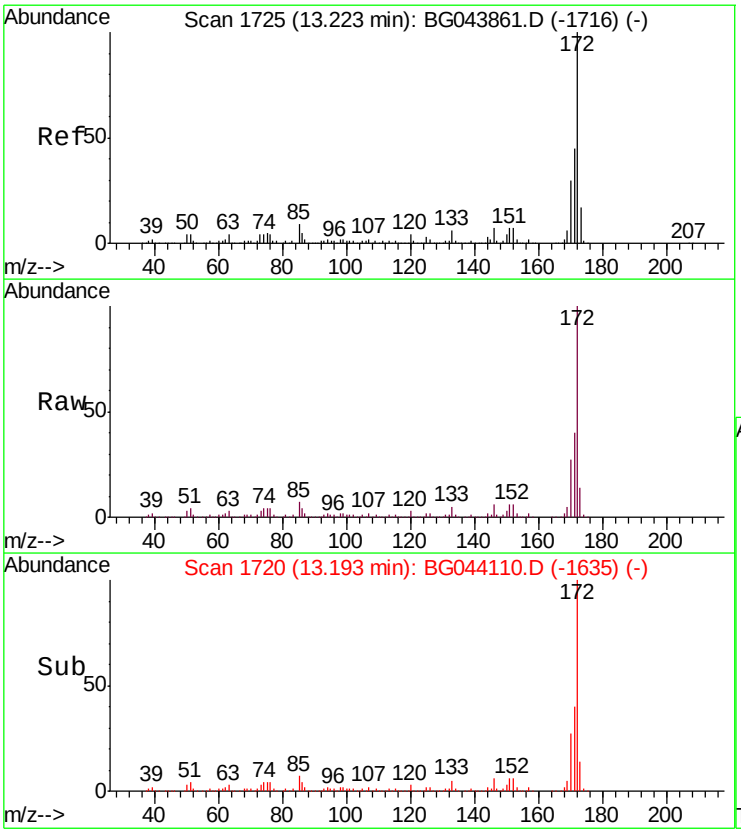
#42
2,4,6-Tribromophenol
Concen: 158.917 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:330 Resp: 420737

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	39.0	33.1	49.7

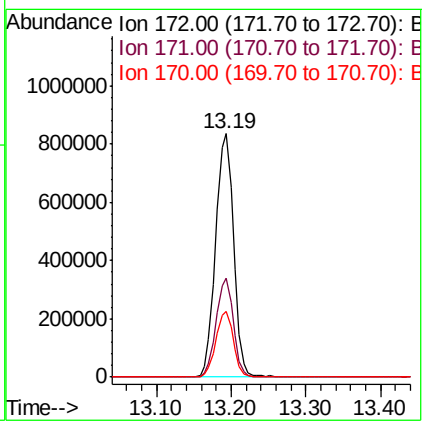


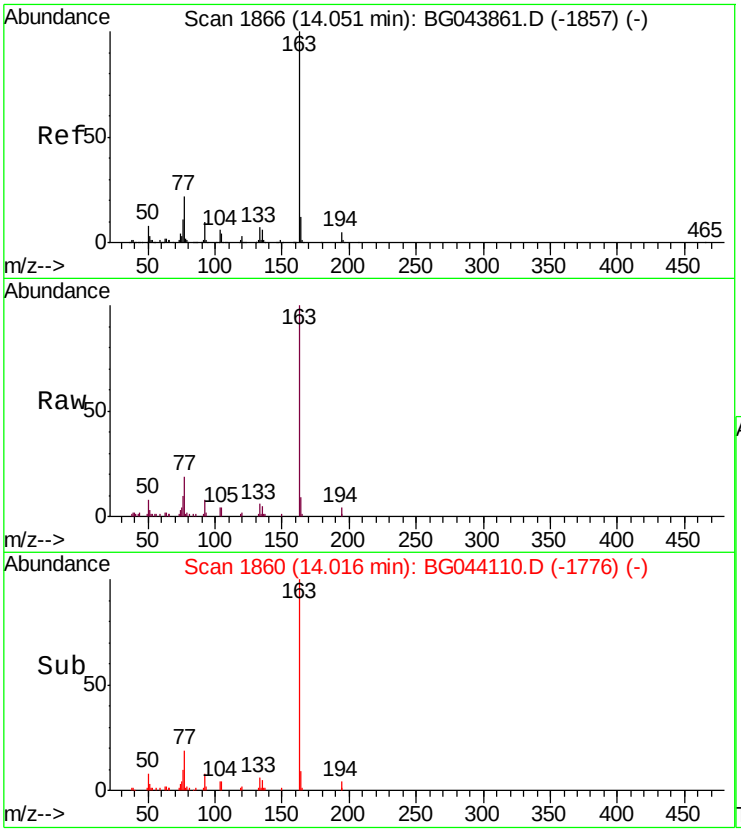


#45
2-Fluorobiphenyl
Concen: 100.181 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:172 Resp: 1398921

Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.8	53.8
170	26.9	24.2	36.4



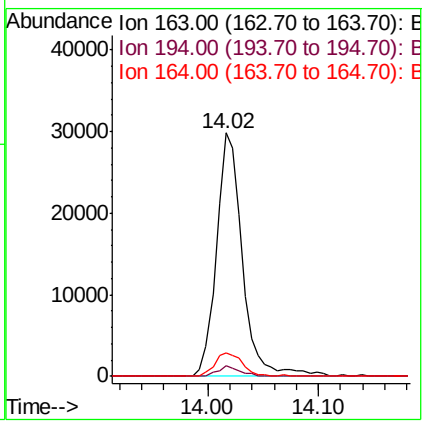


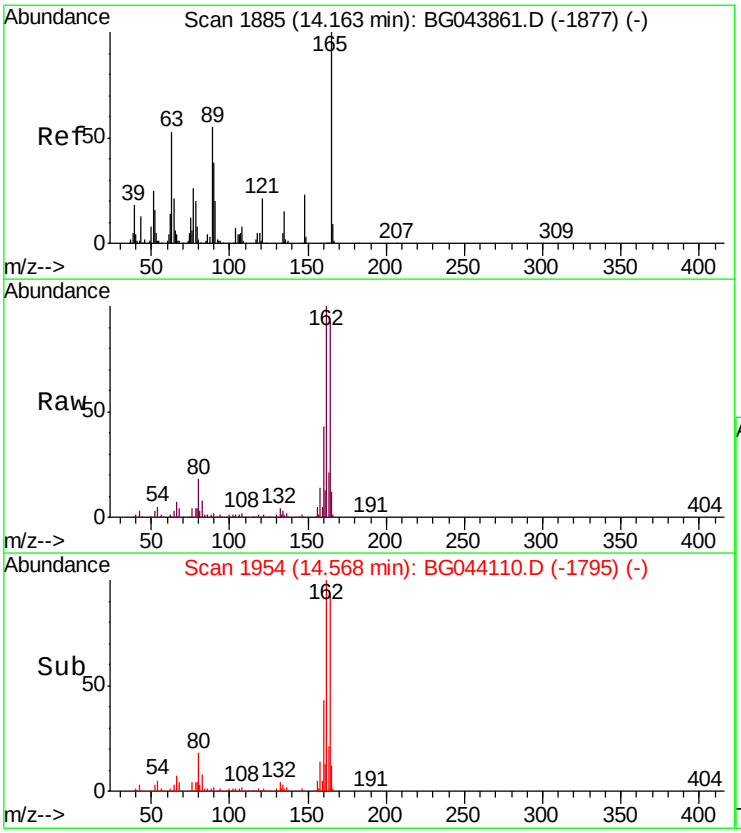
#50
Dimethylphthalate
Concen: 2.706 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:163 Resp: 48614

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	9.5	9.3	13.9

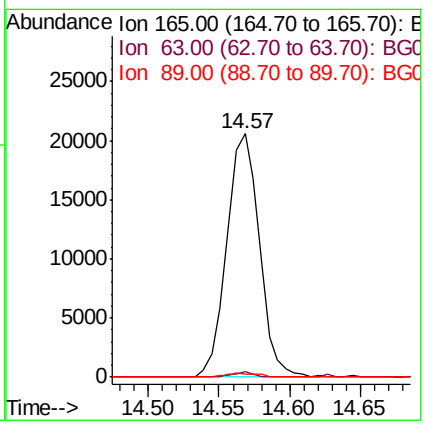


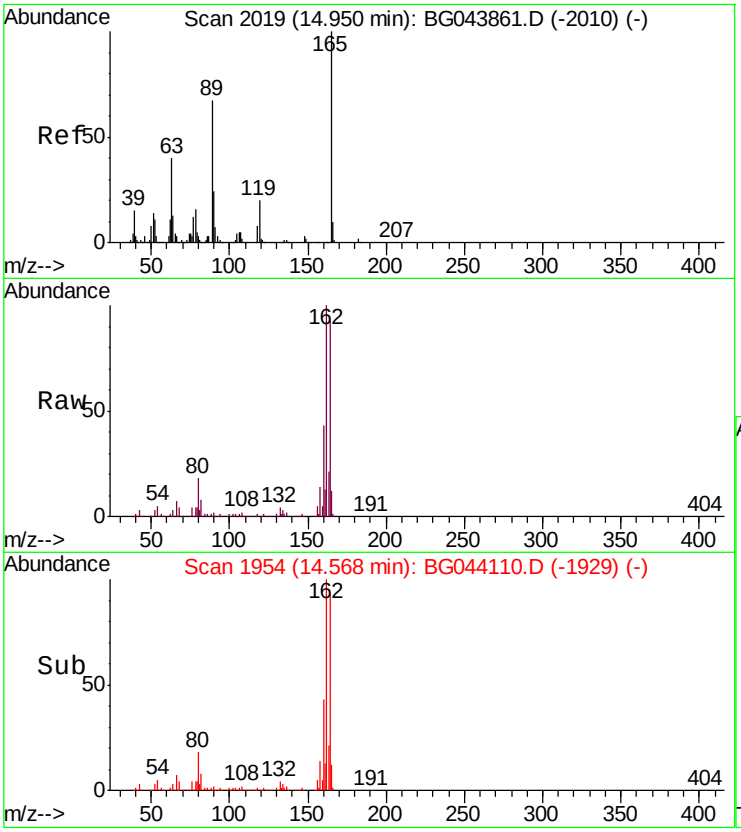


#51
2,6-Dinitrotoluene
Concen: 8.141 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:165 Resp: 33053

Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.1	64.7#
89	1.5	43.8	65.6#



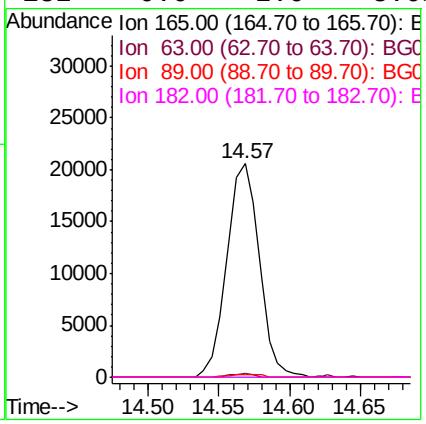


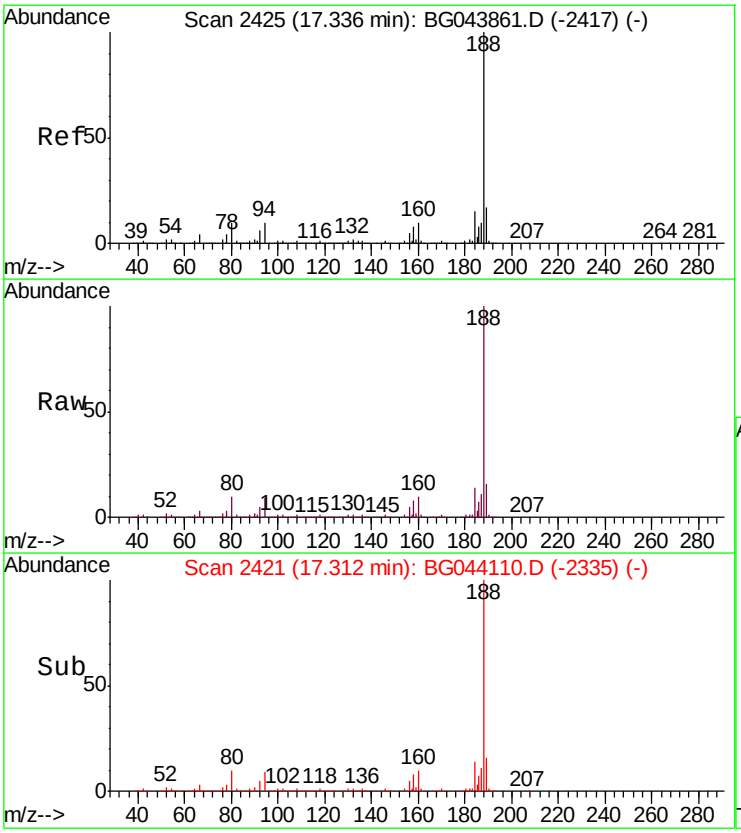
#57
2,4-Dinitrotoluene
Concen: 5.983 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:165 Resp: 33053

Ion	Ratio	Lower	Upper
165	100		
63	2.0	31.9	47.9#
89	1.5	53.8	80.6#
182	0.0	2.0	3.0#

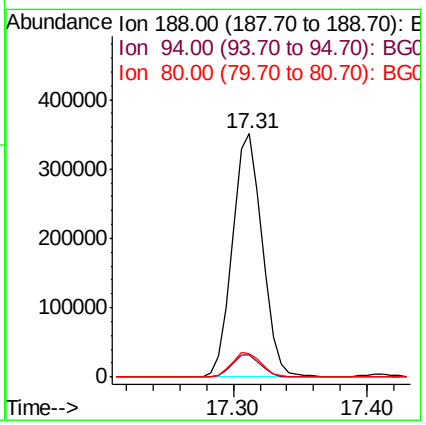


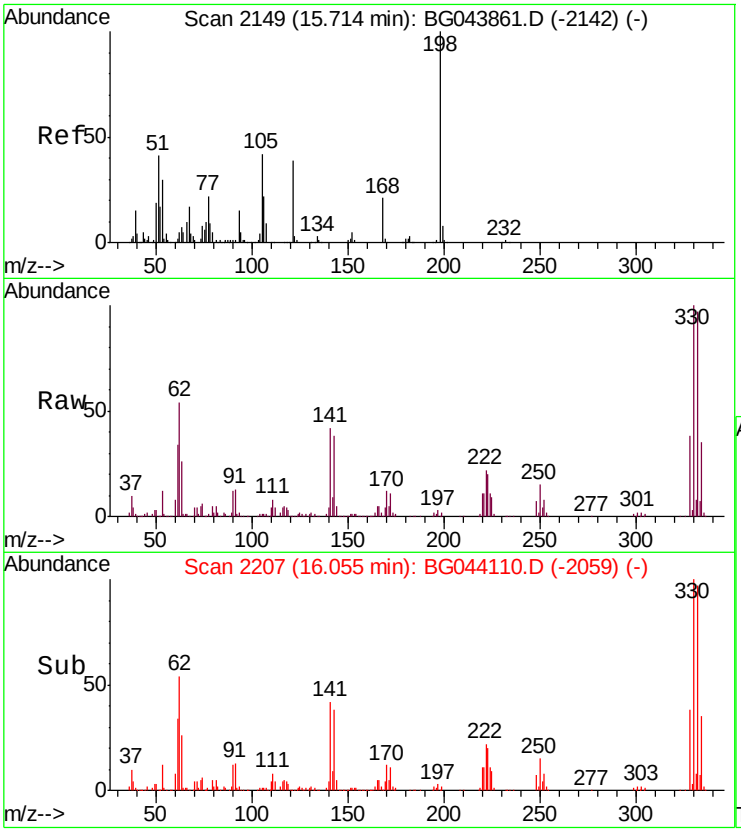


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:188 Resp: 545471

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.8	8.2	12.4



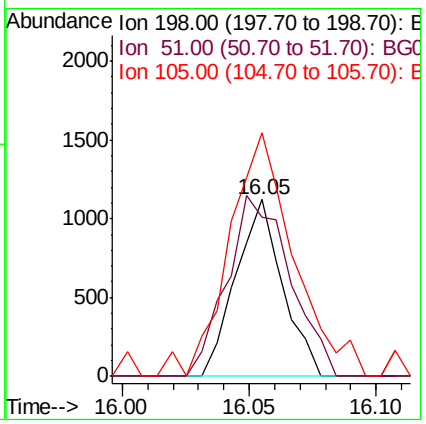


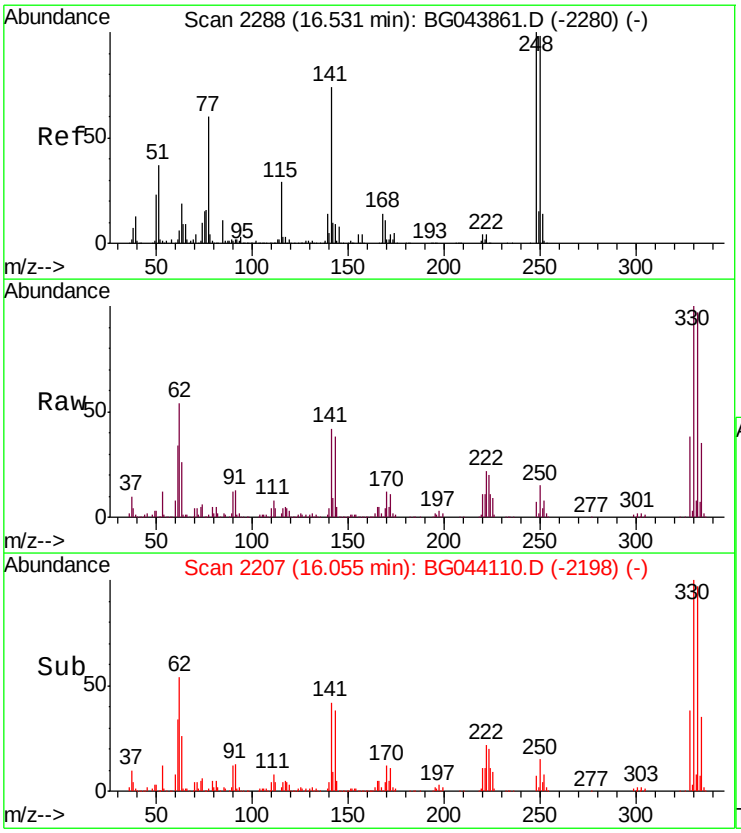
#65
4,6-Dinitro-2-methylphenol
Concen: 4.856 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:198 Resp: 1442

Ion	Ratio	Lower	Upper
198	100		
51	89.8	22.5	62.5#
105	137.8	22.3	62.3#

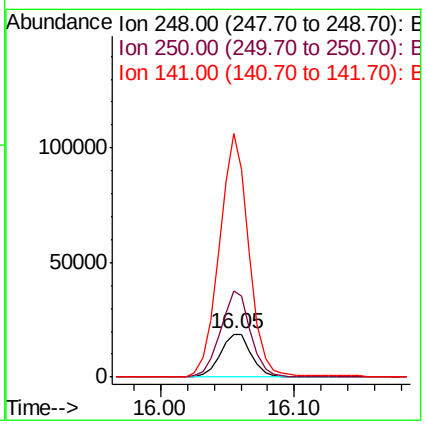


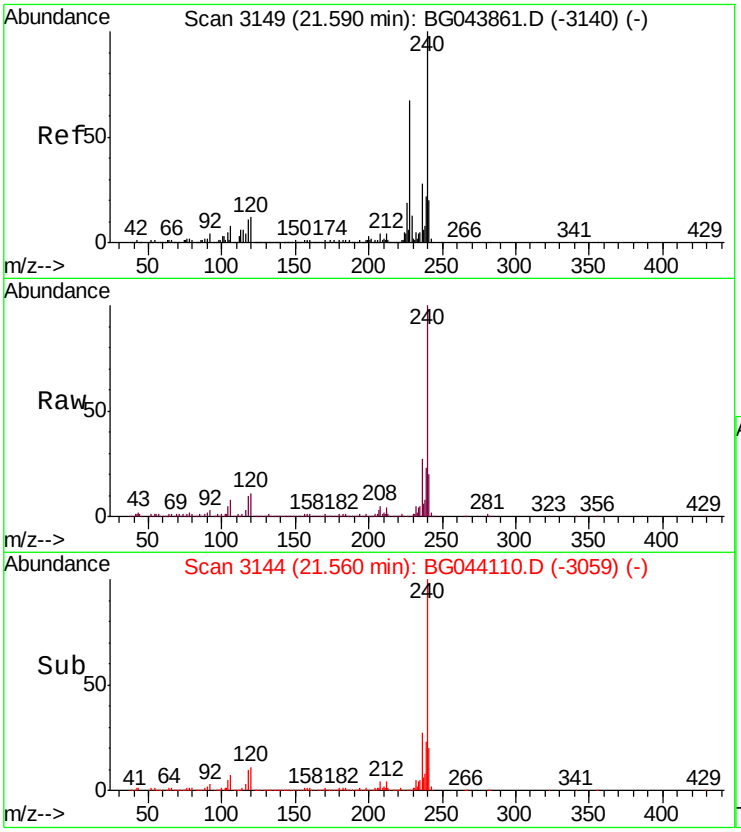


#67
4-Bromophenyl-phenylether
Concen: 4.935 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:248 Resp: 30278

Ion	Ratio	Lower	Upper
248	100		
250	200.5	78.2	117.2#
141	563.8	59.3	88.9#



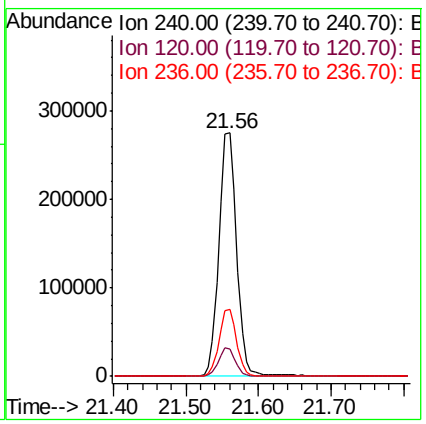


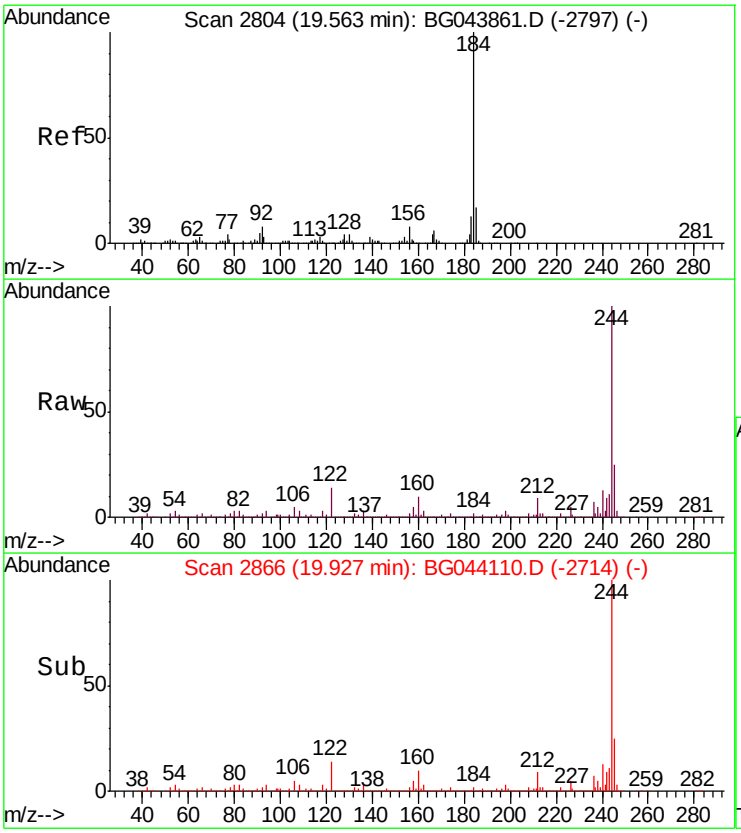
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:240 Resp: 470299

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	27.5	22.2	33.2

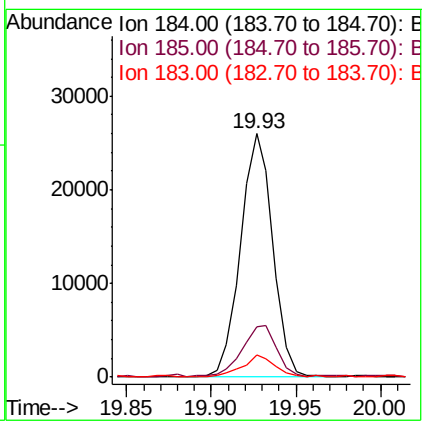


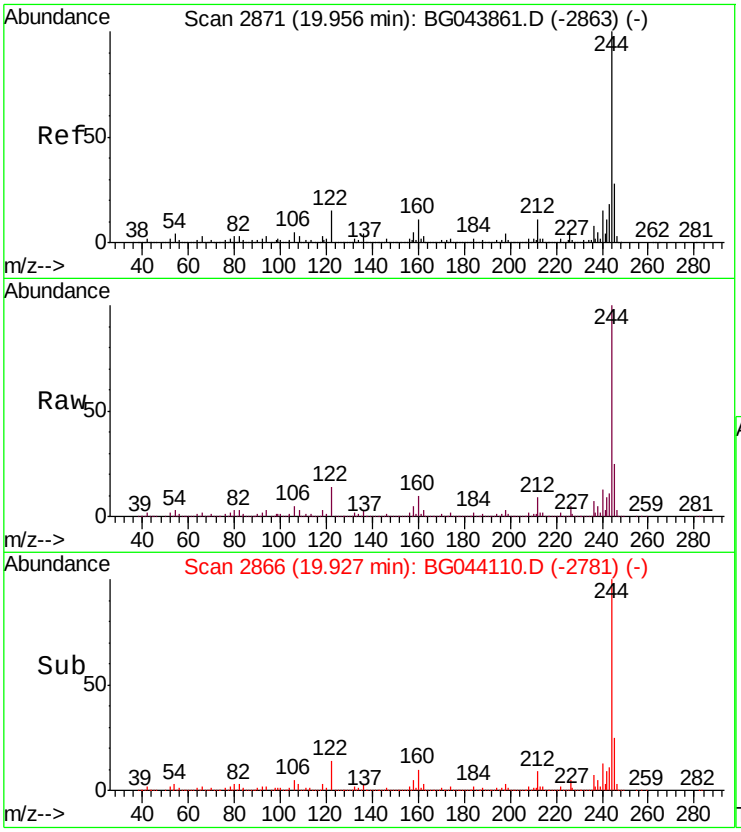


#77
Benzidine
Concen: 2.912 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:184 Resp: 34423

Ion	Ratio	Lower	Upper
184	100		
185	20.8	13.4	20.0#
183	8.9	10.6	15.8#



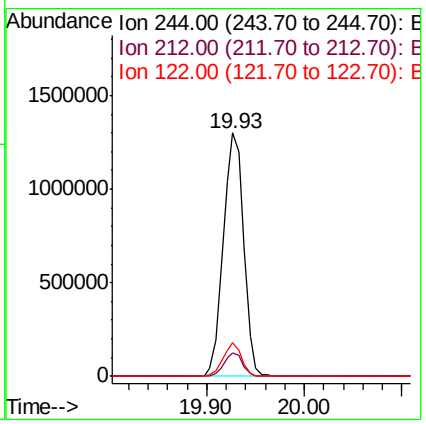


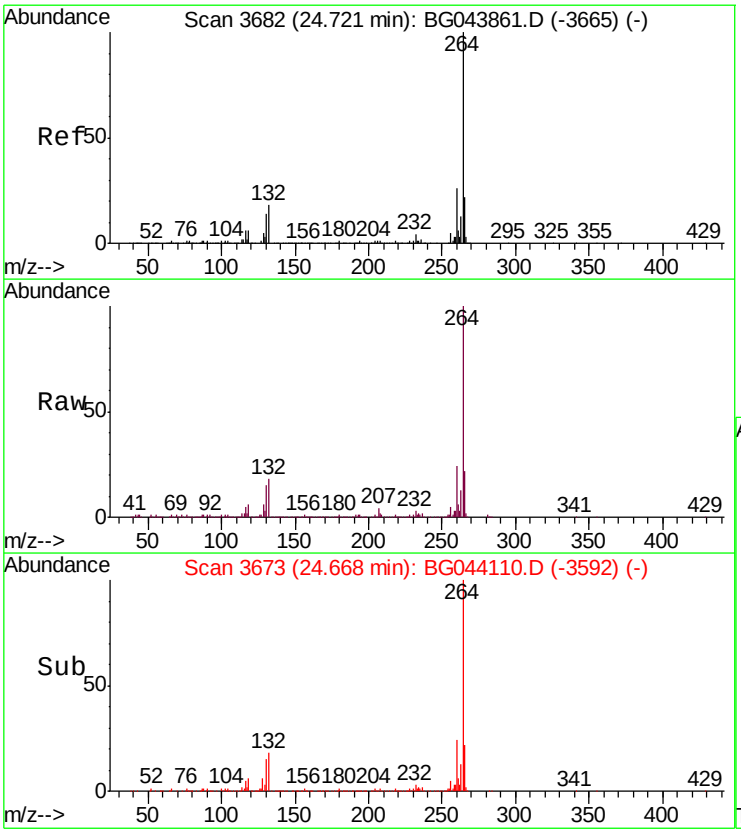
#79
Terphenyl-d14
Concen: 101.177 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044110.D
Acq: 20 Jan 2020 22:56

Instrument :
BNA_G
ClientSampleId :
MH-720-(SETTLED)

Tgt Ion:244 Resp: 1880161

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	13.0
122	13.7	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: BG044110.D
Acq: 20 Jan 2020 22:56

Tgt Ion:264 Resp: 518991

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.3	17.4	26.2