Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012120\

Quantitation Report (Not Reviewed)

Data File : BG044141.D
Acq On : 21 Jan 2020 19:57
Operator : JU
Sample : L1211-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-0-15

Quant Time: Jan 22 06:48:11 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	80571	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	352141	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	241577	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	508052	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	430047	20.00	ng		-0.03
87) Perylene-d12	24.66	264	479191	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	736787	167.91	ng		-0.03
7) Phenol-d6	7.10	99	1000521	163.12	ng		-0.02
23) Nitrobenzene-d5	9.08	82	620903	94.33	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	390440	154.44	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1367039	102.52	ng		-0.03
79) Terphenyl-d14	19.92	244	1852008	112.62	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	27204	4.305	ng		89
19) n-Nitroso-di-n-propylamine	9.08	70	81207	17.778	ng	#	78
50) Dimethylphthalate	14.02	163	210348	12.263	ng		98
57) 2,4-Dinitrotoluene	14.57	165	32062	6.078	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1299	4.841	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	28425	4.975	ng	#	1
77) Benzidine	19.92	184	33116	3.064	ng	#	92

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

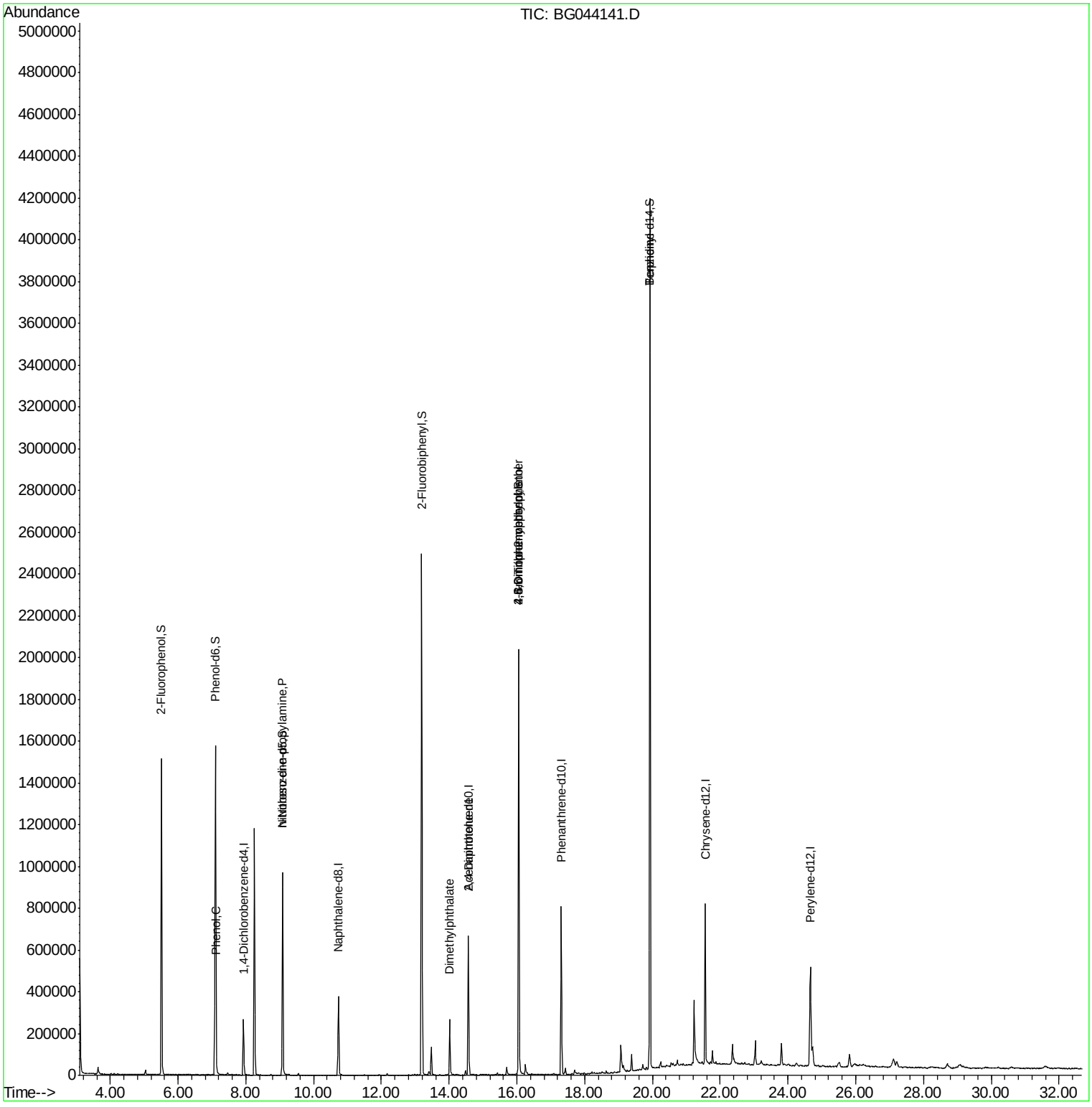
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012120\

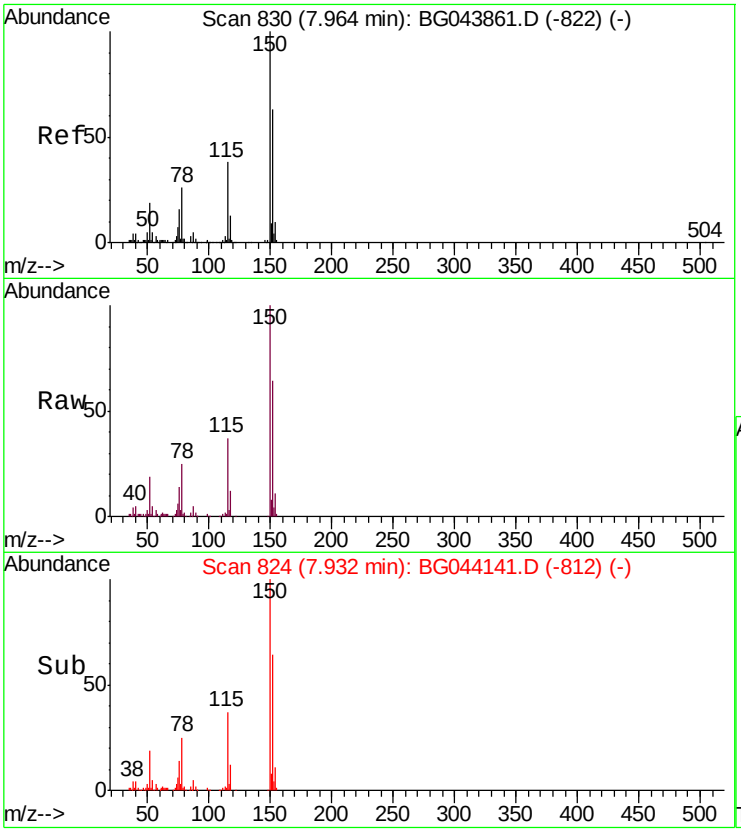
Quantitation Report (Not Reviewed)

Data File : BG044141.D
Acq On : 21 Jan 2020 19:57
Operator : JU
Sample : L1211-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-0-15

Quant Time: Jan 22 06:48:11 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



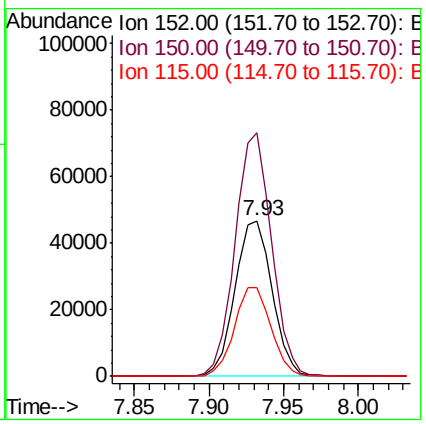


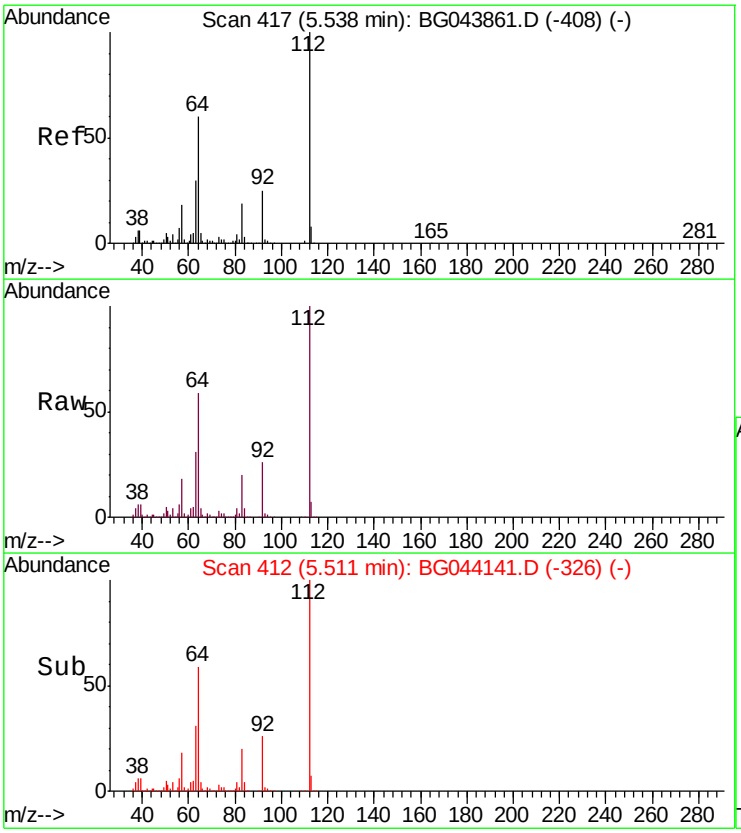
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:152 Resp: 80571

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.0	190.4
115	57.2	47.8	71.8

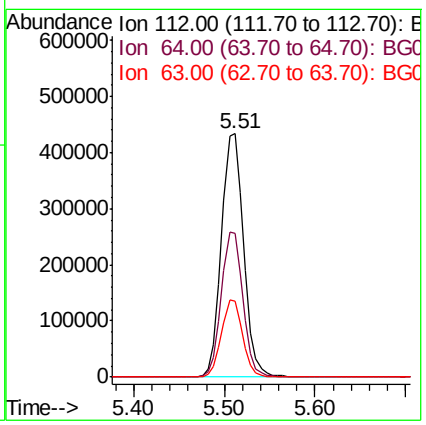


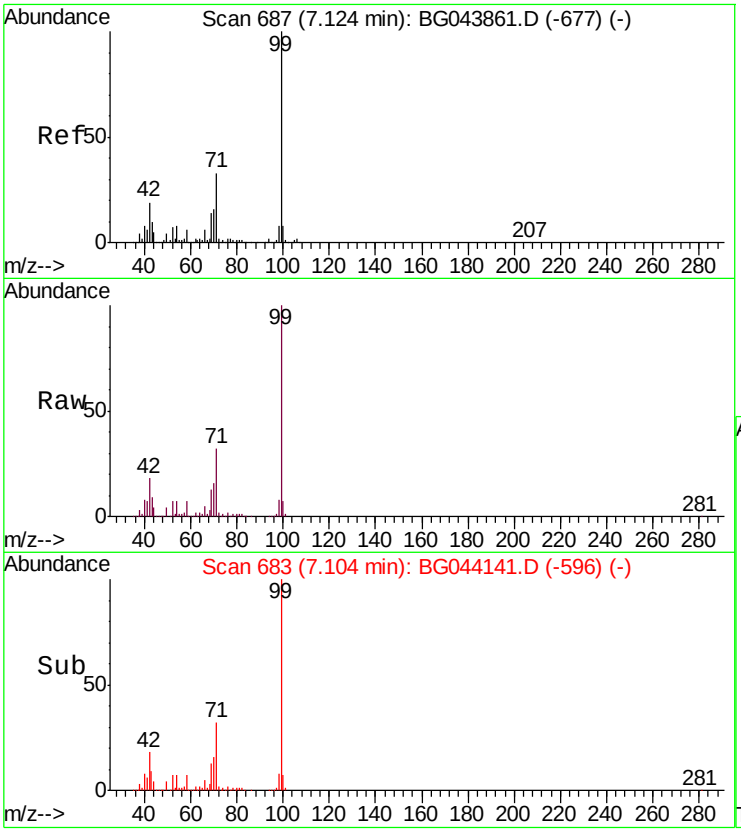


#5
2-Fluorophenol
Concen: 167.905 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:112 Resp: 736787

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.8	71.6
63	30.9	24.3	36.5



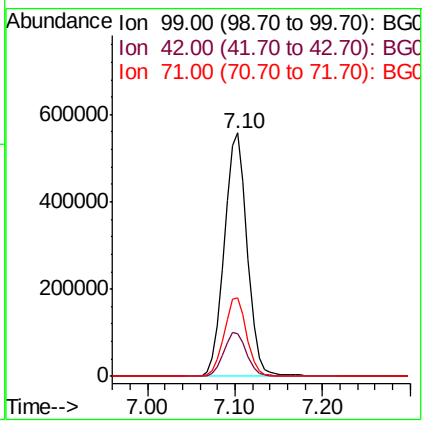


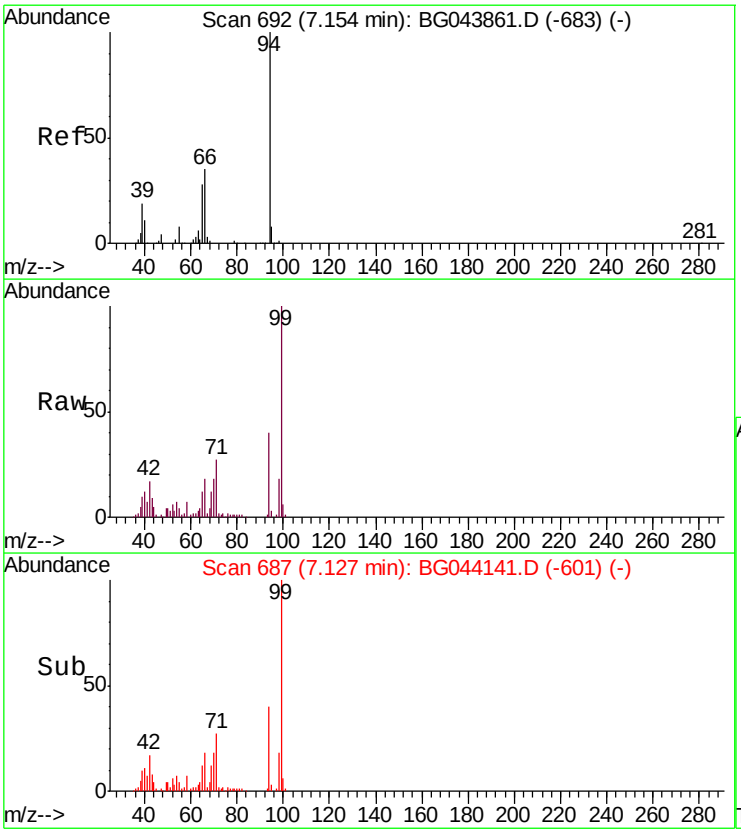
#7
Phenol-d6
Concen: 163.116 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion: 99 Resp: 1000521

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	32.1	26.4	39.6

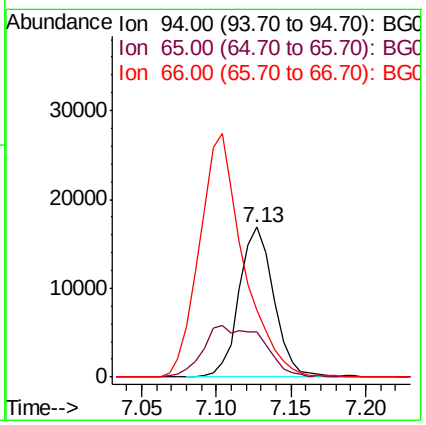


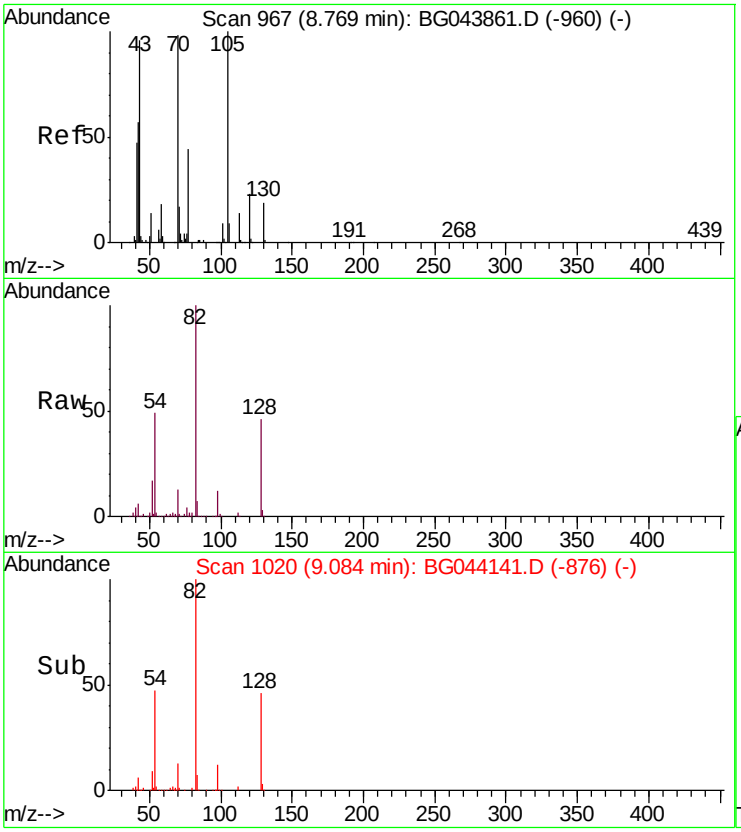


#10
Phenol
Concen: 4.305 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion: 94 Resp: 27204

Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.1	48.1
66	44.7	15.6	55.6



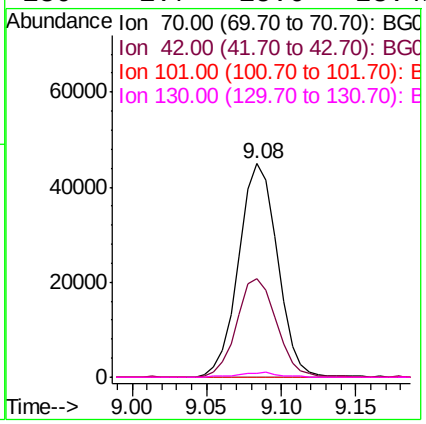


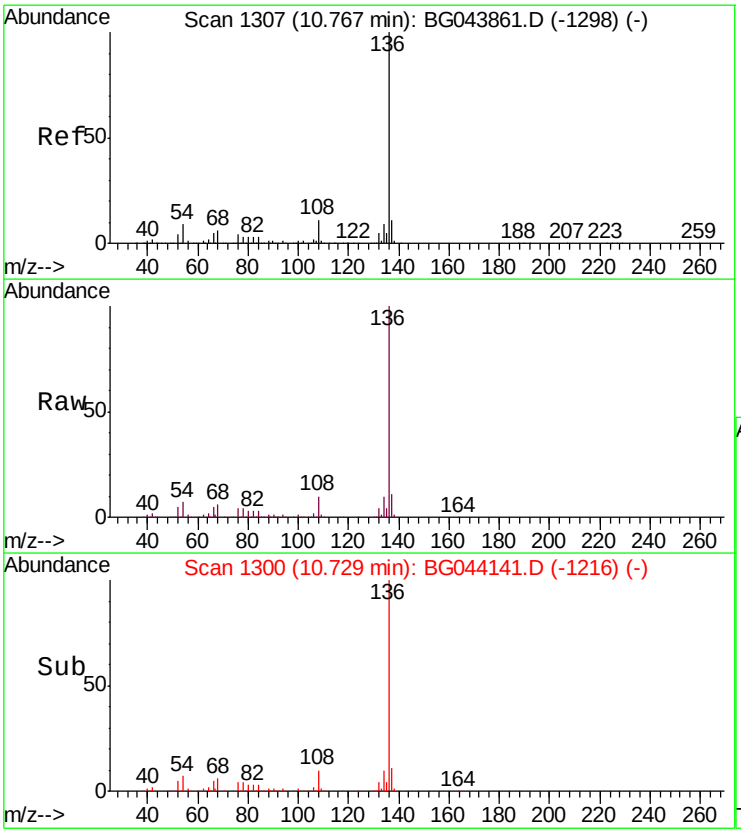
#19
n-Nitroso-di-n-propylamine
Concen: 17.778 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion: 70 Resp: 81207

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.0	70.4#
101	0.0	7.2	10.8#
130	1.7	15.6	23.4#

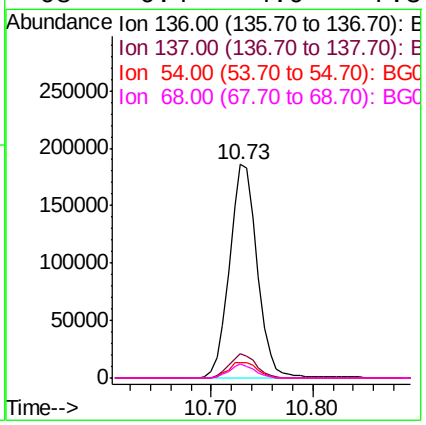


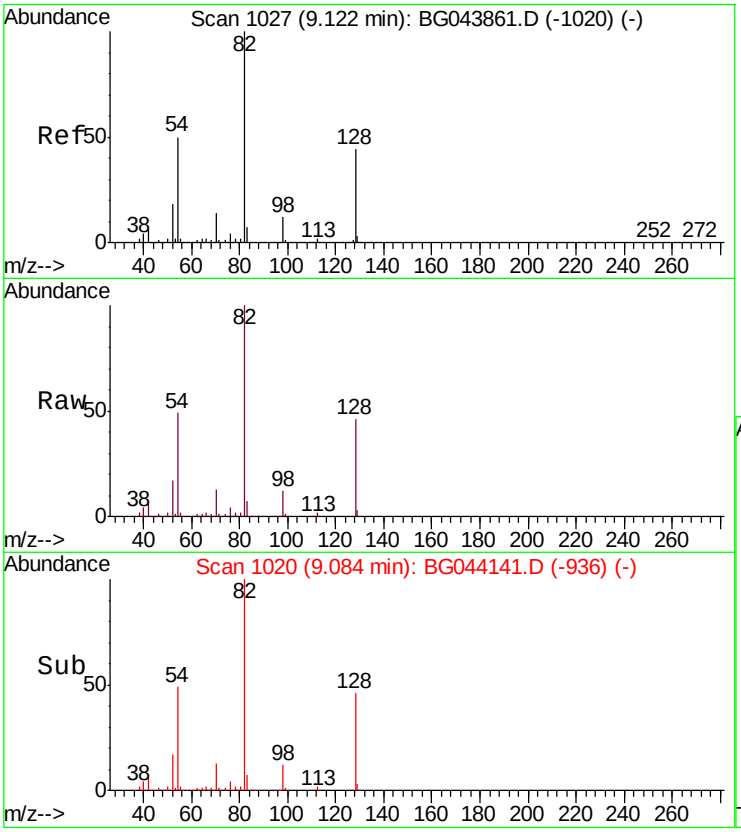


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:136 Resp: 352141

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.4	7.0	10.4
68	6.4	4.9	7.3



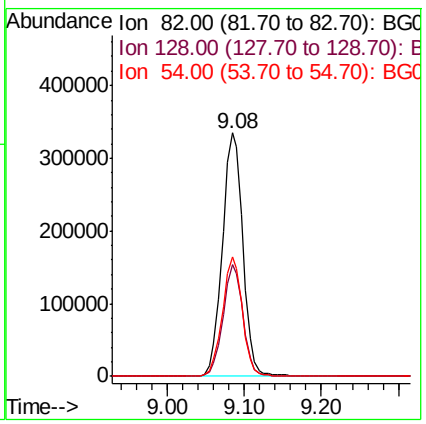


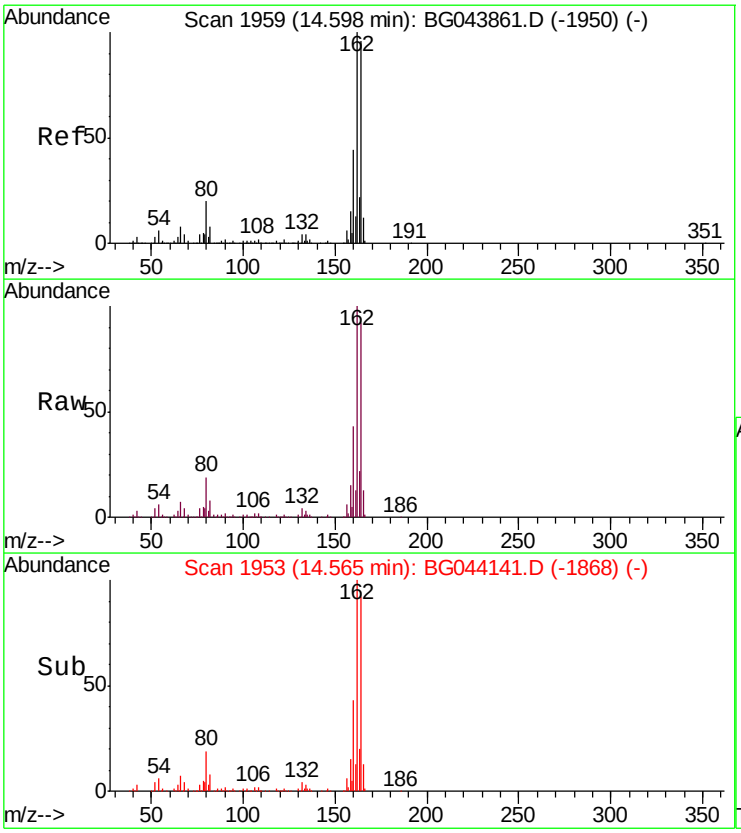
#23
Nitrobenzene-d5
Concen: 94.325 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion: 82 Resp: 620903

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.1	52.7
54	49.1	40.1	60.1

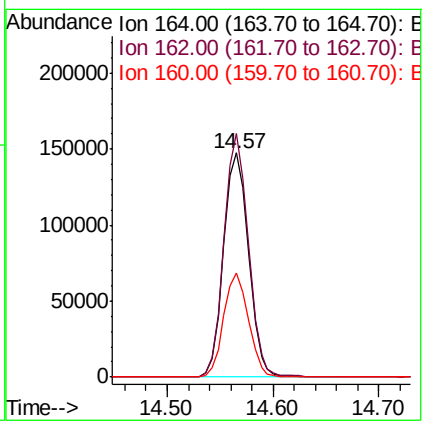


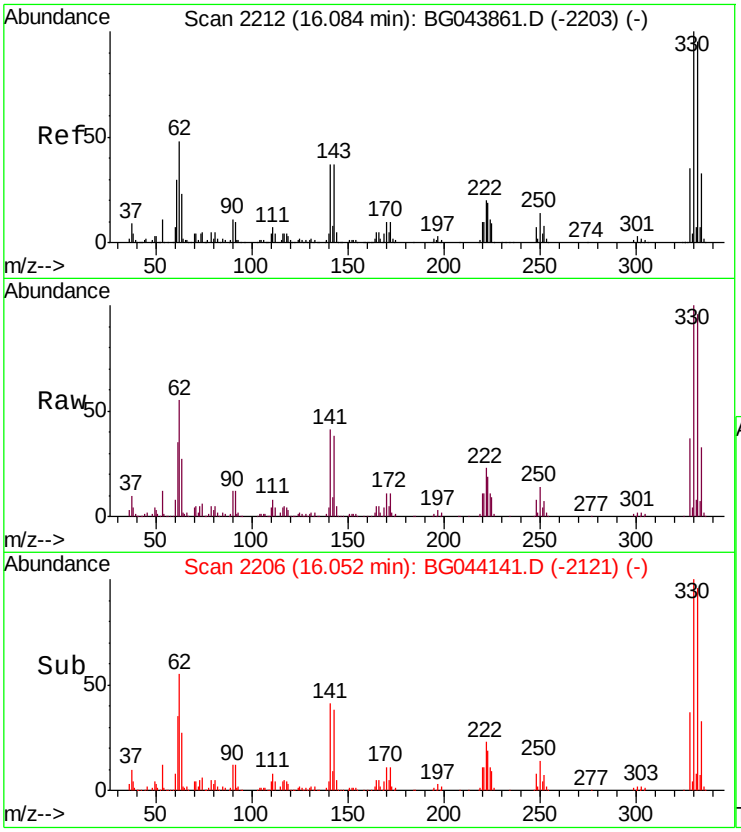


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:164 Resp: 241577

Ion	Ratio	Lower	Upper
164	100		
162	108.7	83.0	124.4
160	46.8	36.1	54.1



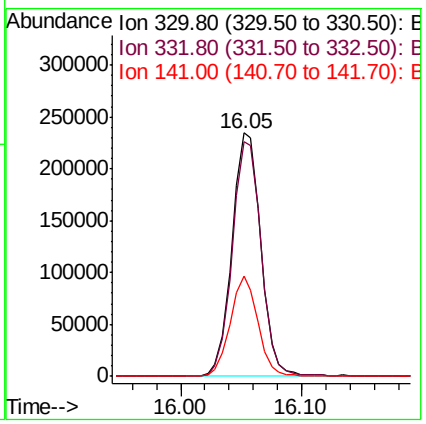


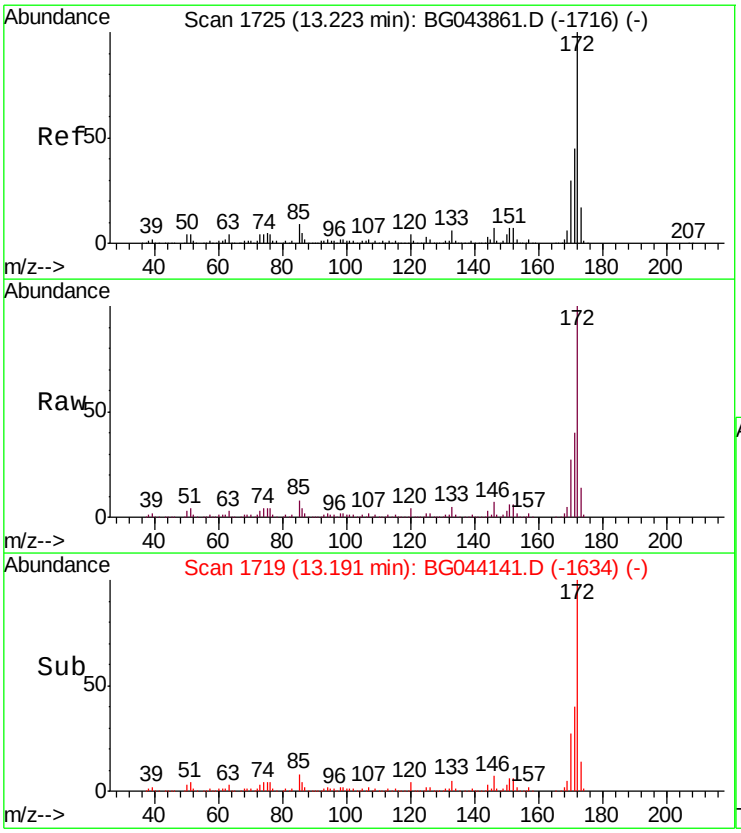
#42
2,4,6-Tribromophenol
Concen: 154.443 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:330 Resp: 390440

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	39.4	33.1	49.7

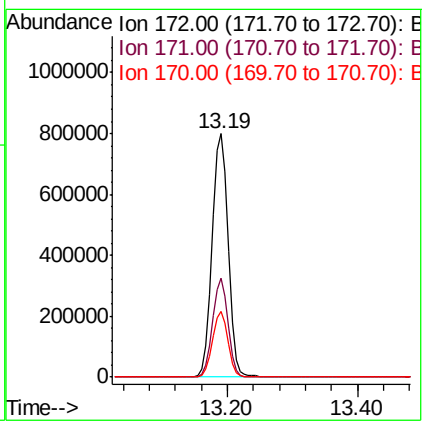


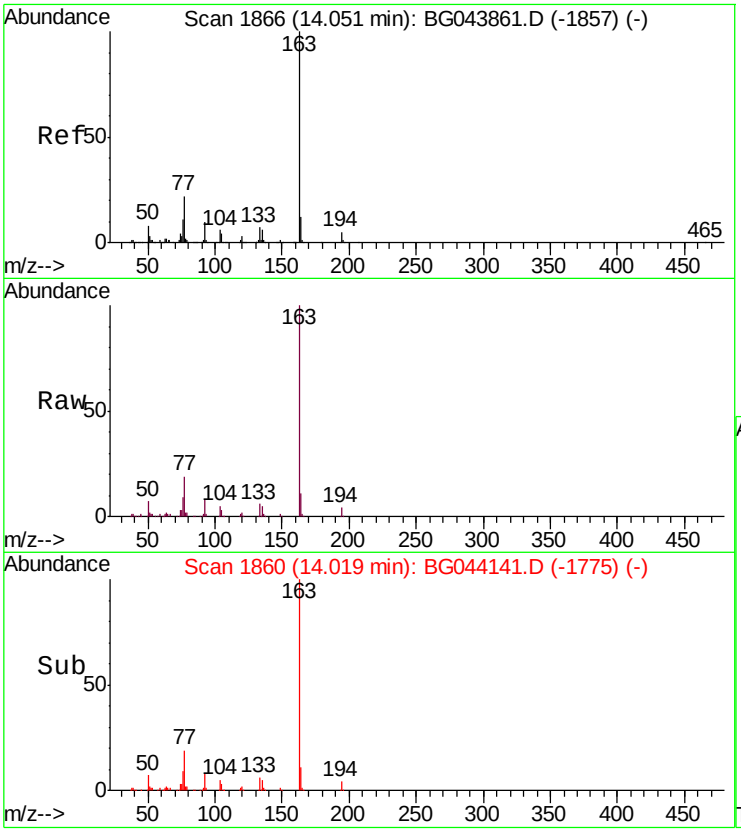


#45
2-Fluorobiphenyl
Concen: 102.525 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:172 Resp: 1367039

Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.8	53.8
170	26.8	24.2	36.4



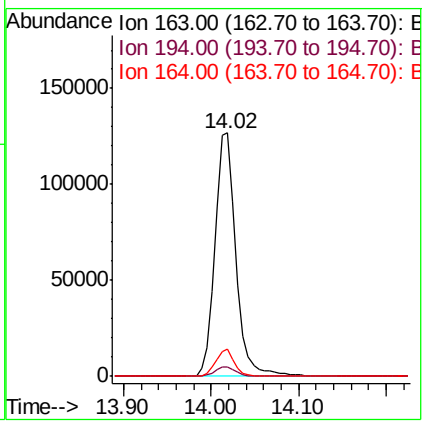


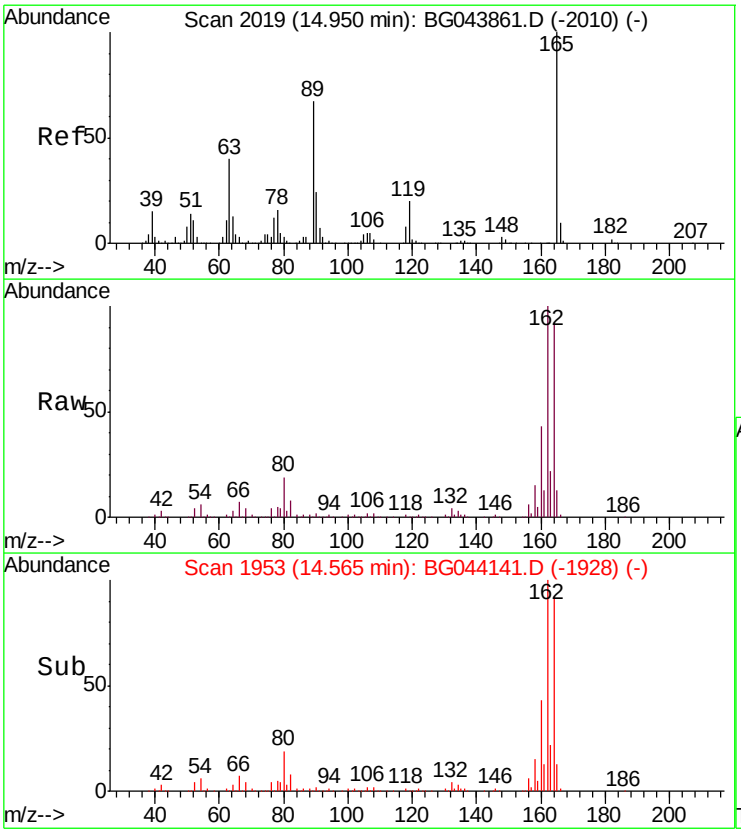
#50
Dimethylphthalate
Concen: 12.263 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:163 Resp: 210348

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	11.0	9.3	13.9

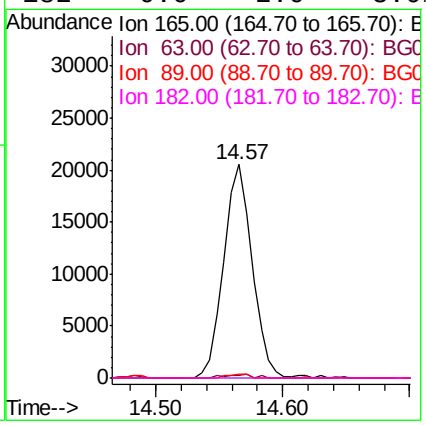


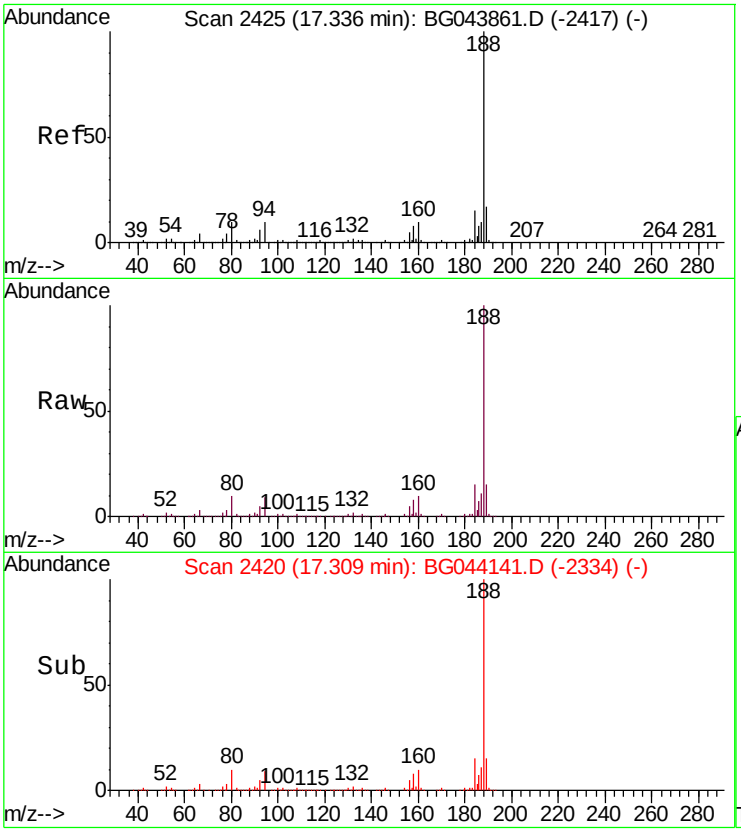


#57
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:165 Resp: 32062

Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.9	47.9#
89	1.6	53.8	80.6#
182	0.0	2.0	3.0#



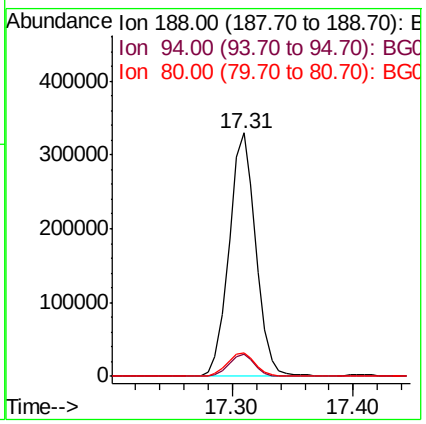


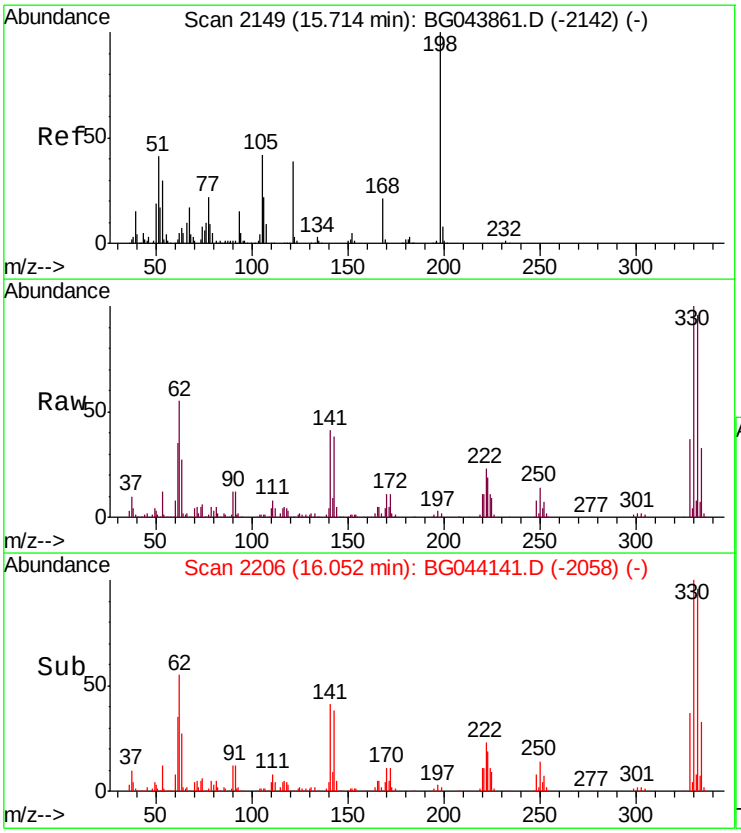
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:188 Resp: 508052

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.7	8.2	12.4

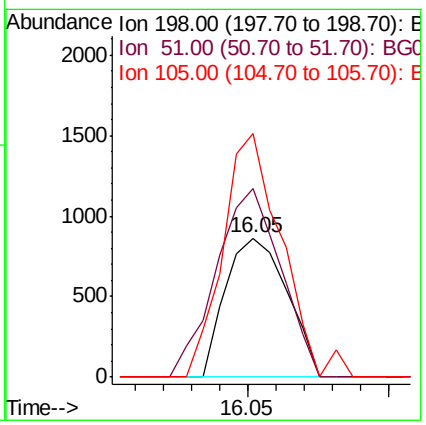


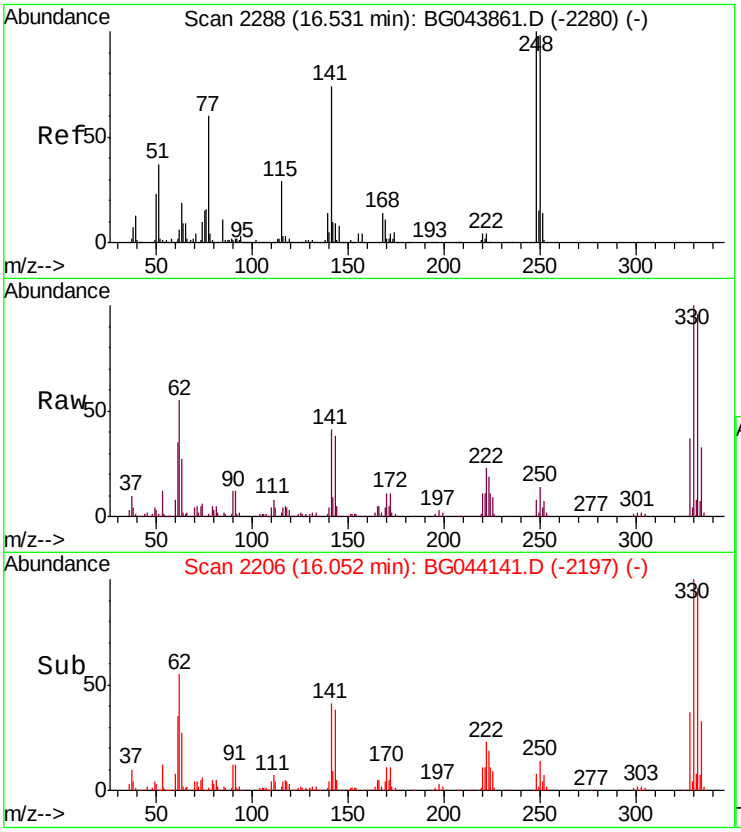


#65
4,6-Dinitro-2-methylphenol
Concen: 4.841 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.34 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:198 Resp: 1299

Ion	Ratio	Lower	Upper
198	100		
51	135.9	22.5	62.5#
105	175.1	22.3	62.3#



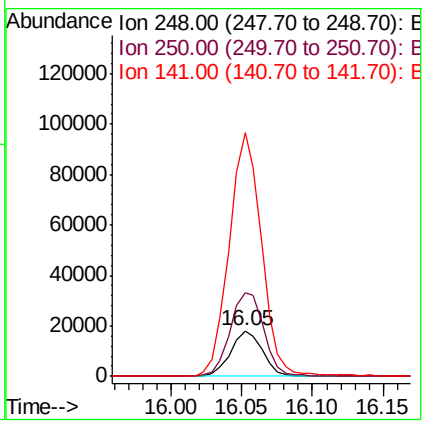


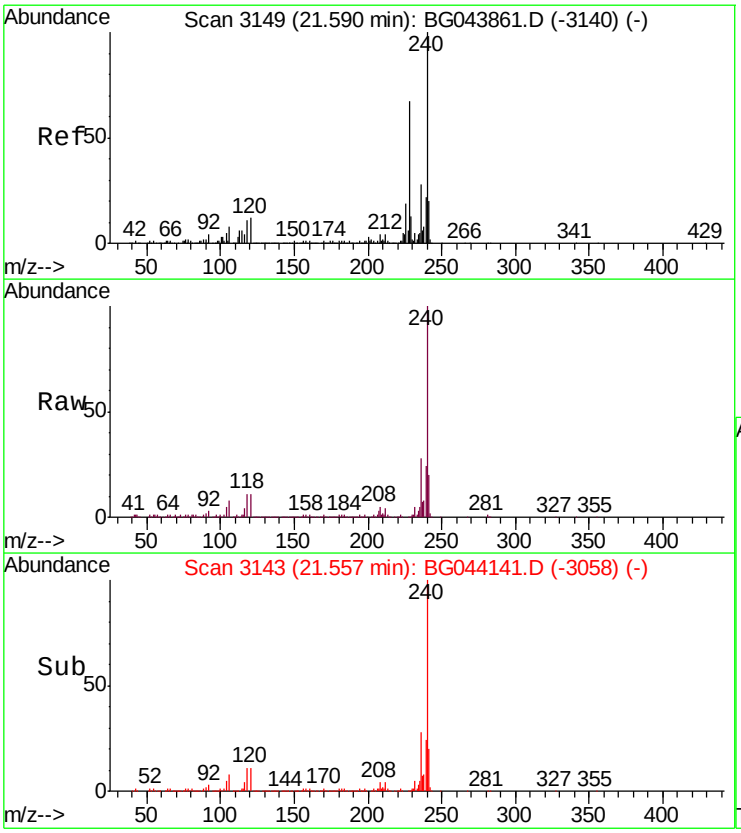
#67
4-Bromophenyl-phenylether
Concen: 4.975 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.48 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:248 Resp: 28425

Ion	Ratio	Lower	Upper
248	100		
250	181.8	78.2	117.2#
141	531.3	59.3	88.9#

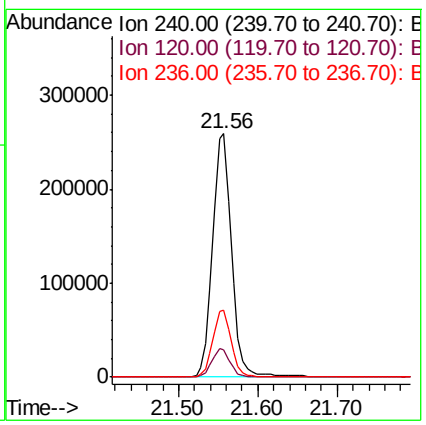


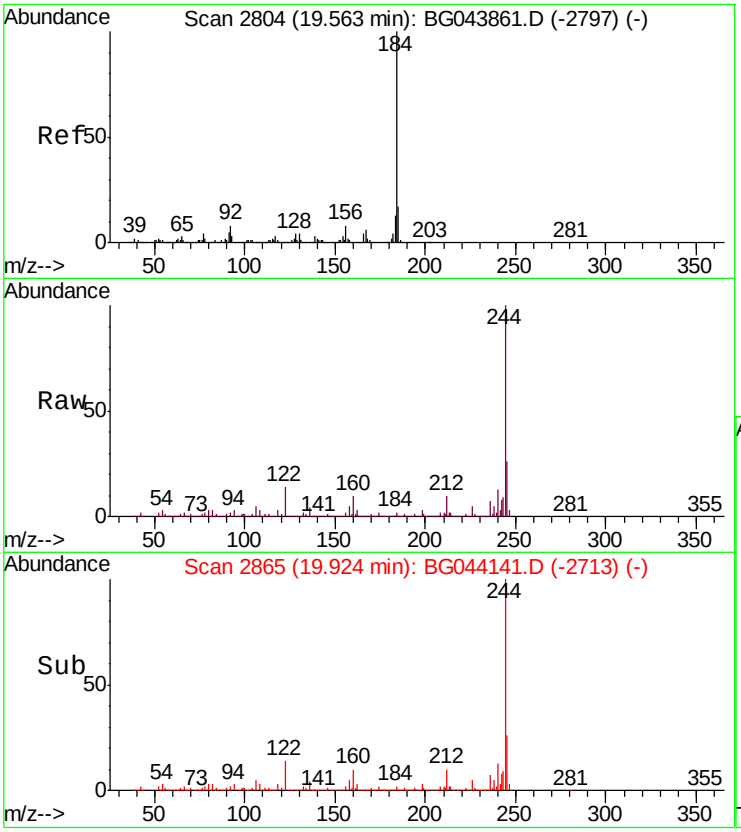


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:240 Resp: 430047

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	27.7	22.2	33.2



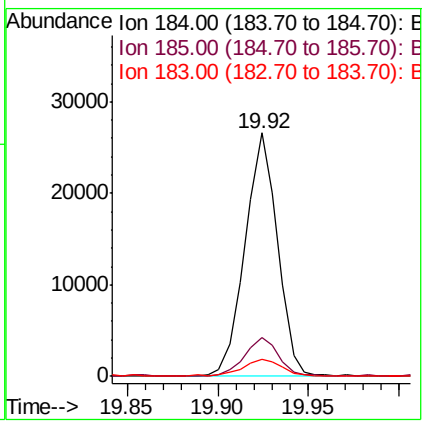


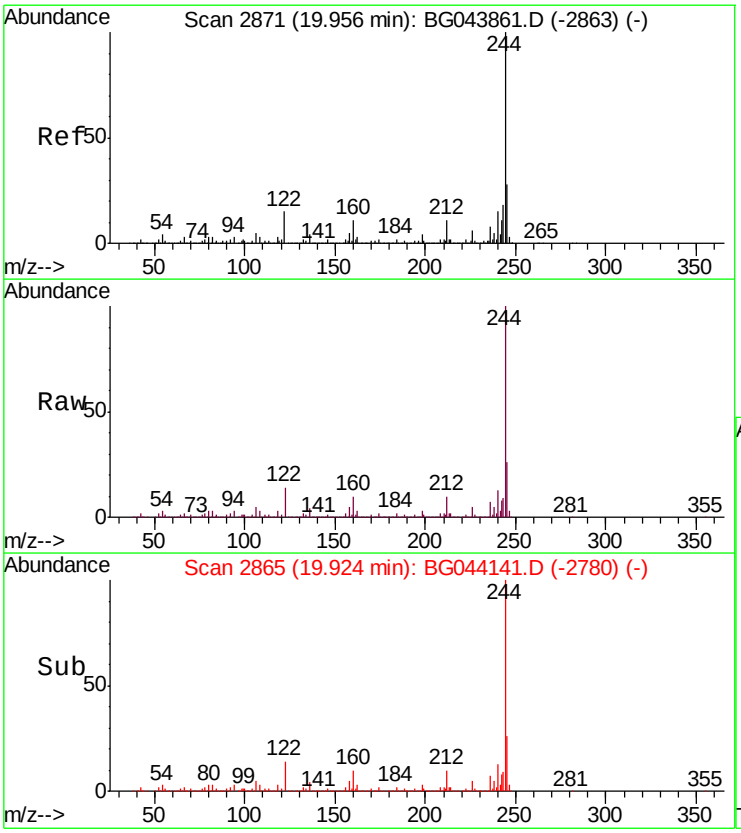
#77
Benzidine
Concen: 3.064 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:184 Resp: 33116

Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	6.8	10.6	15.8#

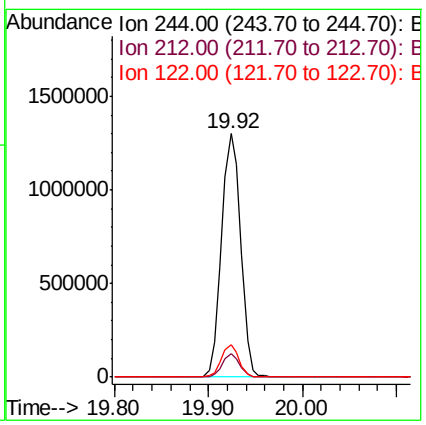


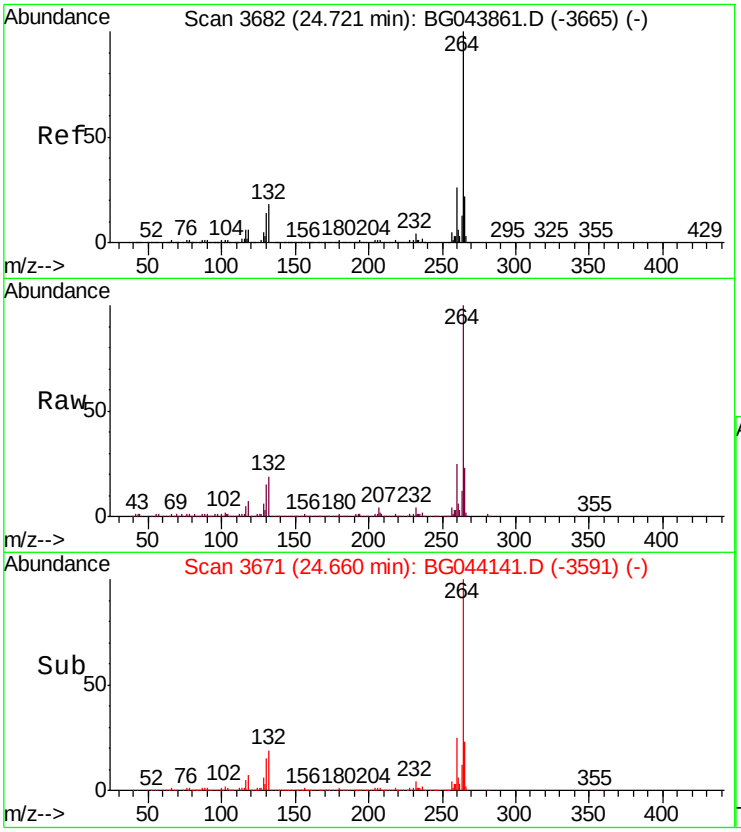


#79
Terphenyl-d14
Concen: 112.621 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion:244 Resp: 1852008

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	13.5	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tgt Ion:264 Resp: 479191

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.9	17.4	26.2