Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044221.D
Acq On : 27 Jan 2020 18:49
Operator : CG/JU
Sample : L1245-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20200066-AMENDED-COMP-4

Quant Time: Jan 28 00:40:27 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	90043	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	397556	20.00	ng		-0.03
39) Acenaphthene-d10	14.56	164	260568	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	507672	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	455928	20.00	ng		-0.03
87) Perylene-d12	24.66	264	518132	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	290057	59.15	ng		-0.03
7) Phenol-d6	7.10	99	237722	34.68	ng		-0.02
23) Nitrobenzene-d5	9.08	82	608245	81.85	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	383510	140.65	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1415543	98.42	ng		-0.03
79) Terphenyl-d14	19.93	244	1811904	100.33	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	15847	2.244	ng		99
19) n-Nitroso-di-n-propylamine	9.09	70	79125	15.500	ng	#	79
32) Benzoic acid	10.05	122	1402	6.548	ng	#	79
49) Acenaphthylene	14.63	152	51813	2.388	ng	#	1
51) 2,6-Dinitrotoluene	14.56	165	34816	8.326	ng	#	26
52) Acenaphthene	14.63	154	95142	6.252	ng		95
57) 2,4-Dinitrotoluene	14.56	165	34816	6.119	ng	#	27
58) Fluorene	15.62	166	55737	3.357	ng		97
65) 4,6-Dinitro-2-methylphenol	16.05	198	1146	4.788	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	26549	4.650	ng	#	1
71) Phenanthrene	17.35	178	113087	4.644	ng		94
72) Anthracene	17.35	178	113087	4.699	ng		94
77) Benzidine	19.92	184	31321	2.733	ng	#	93

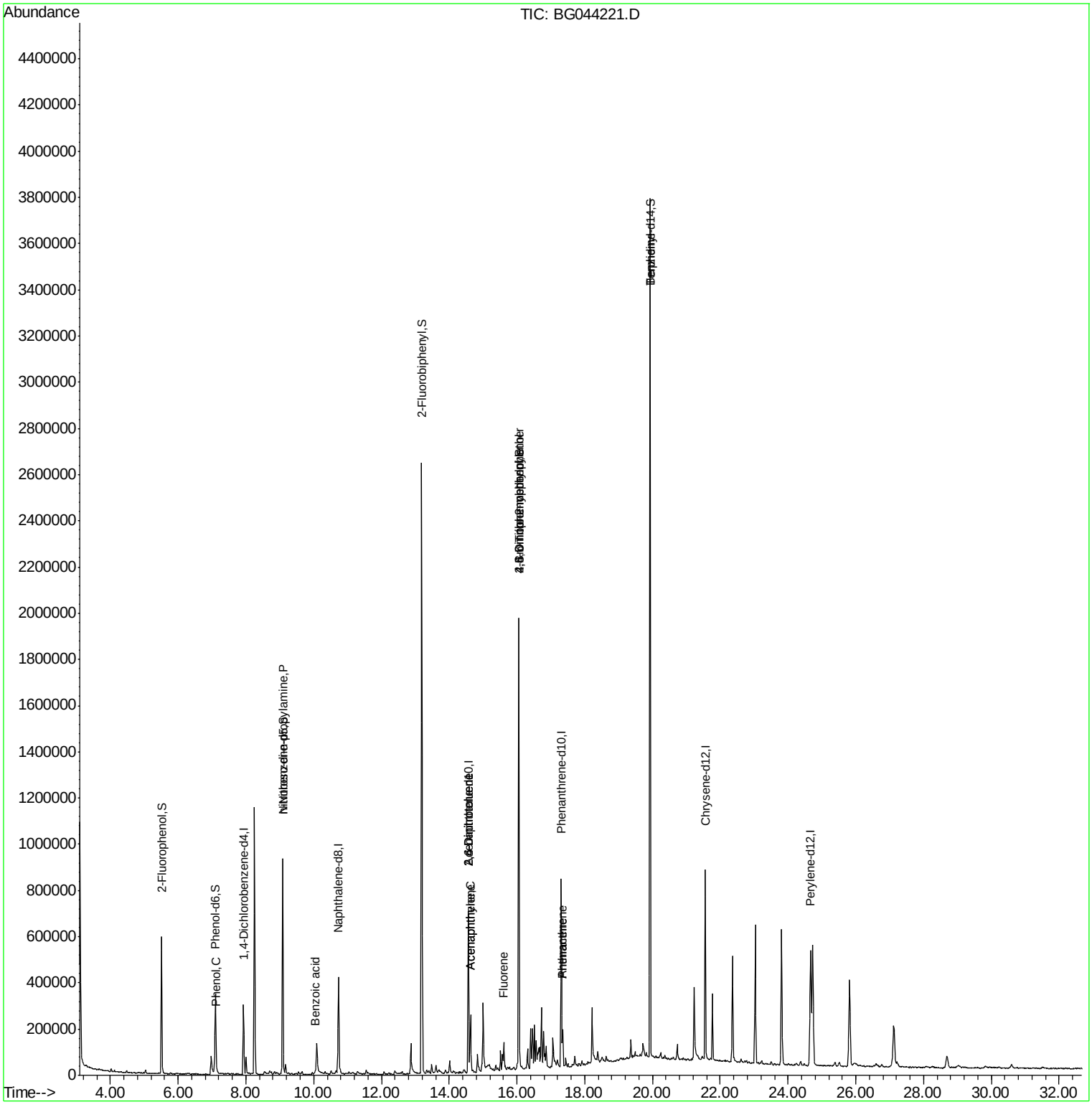
(#) = qualifier out of range (m) = manual integration (+) = signals summed

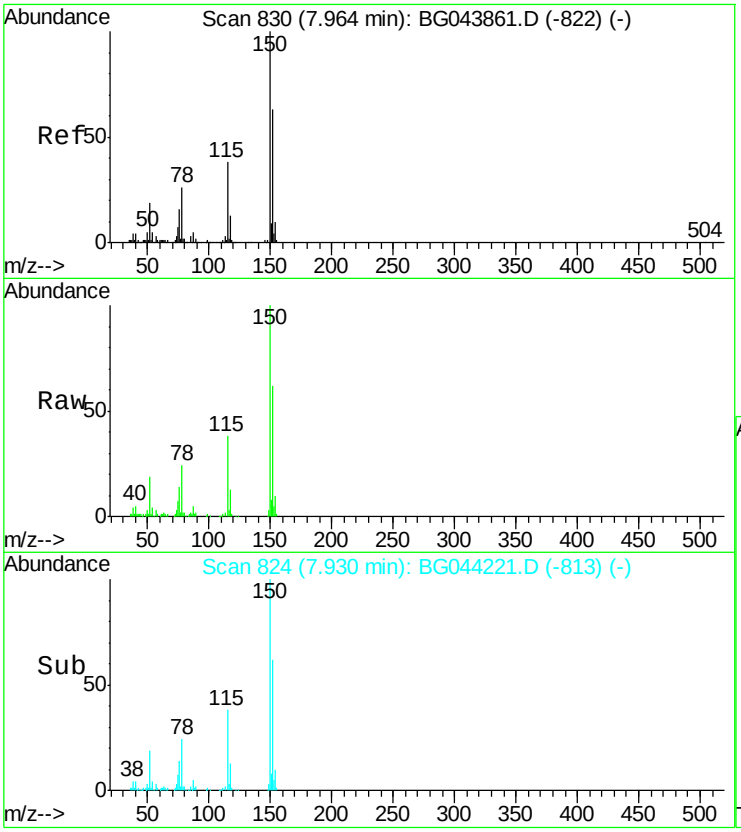
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044221.D
Acq On : 27 Jan 2020 18:49
Operator : CG/JU
Sample : L1245-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Quant Time: Jan 28 00:40:27 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



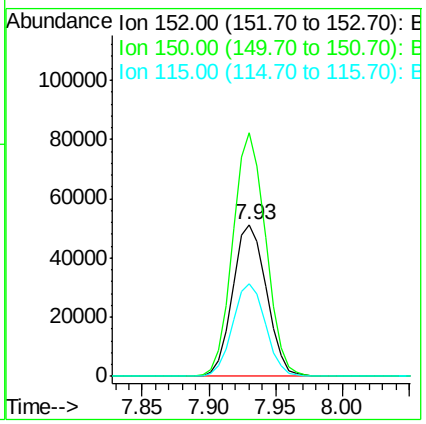


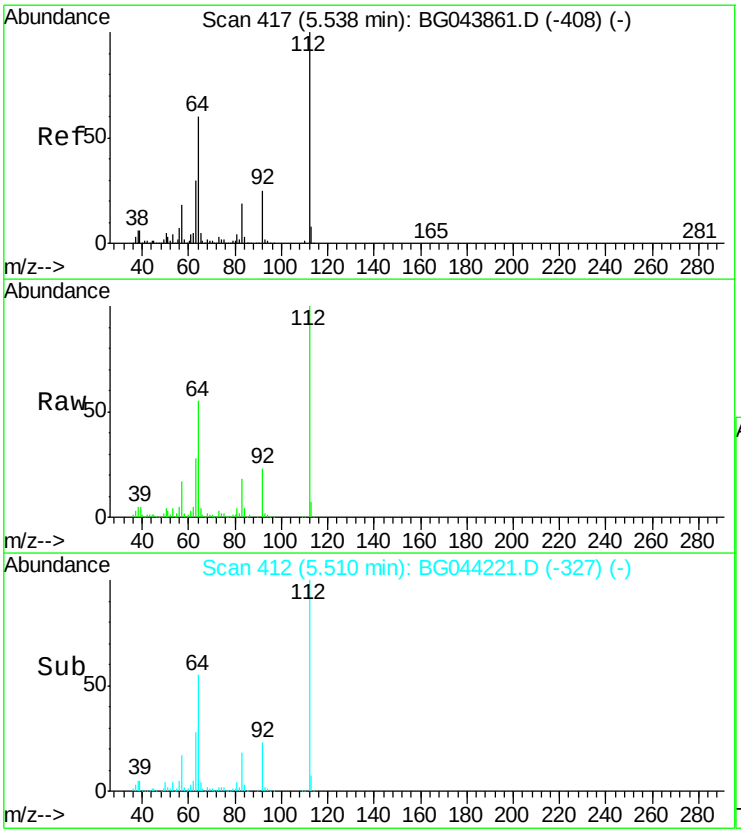
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:152 Resp: 90043

Ion	Ratio	Lower	Upper
152	100		
150	160.4	127.0	190.4
115	60.7	47.8	71.8

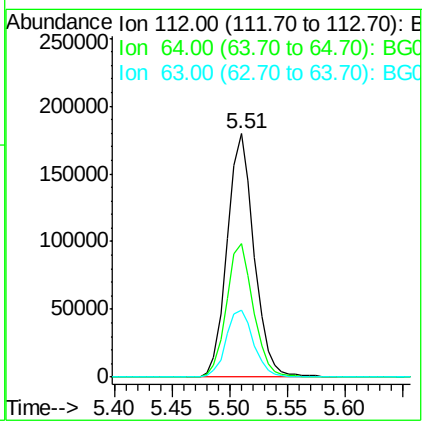


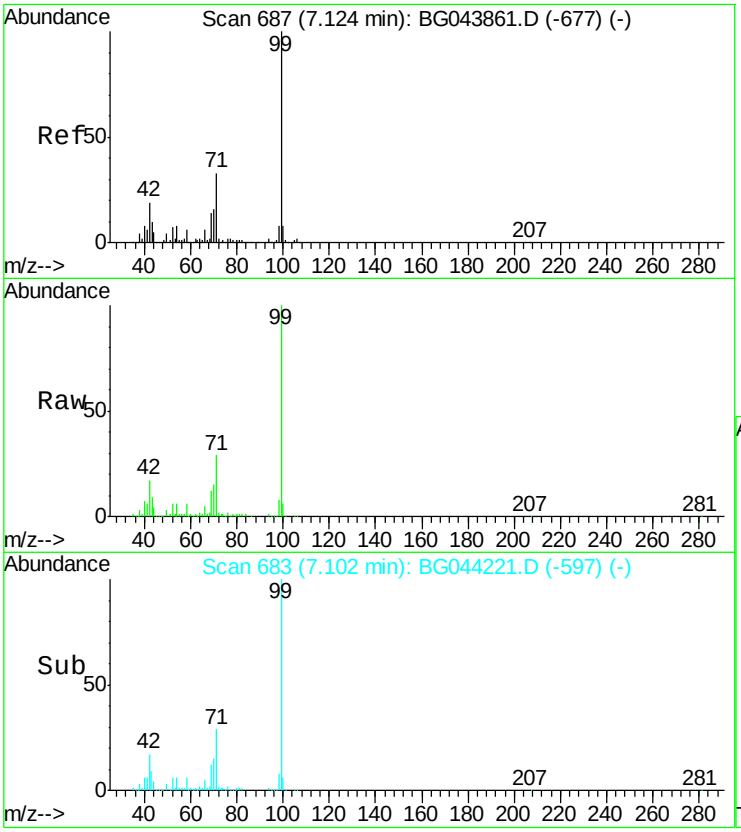


#5
2-Fluorophenol
Concen: 59.147 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:112 Resp: 290057

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.8	71.6
63	27.7	24.3	36.5



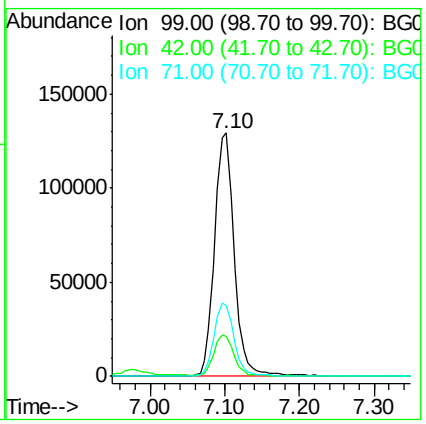


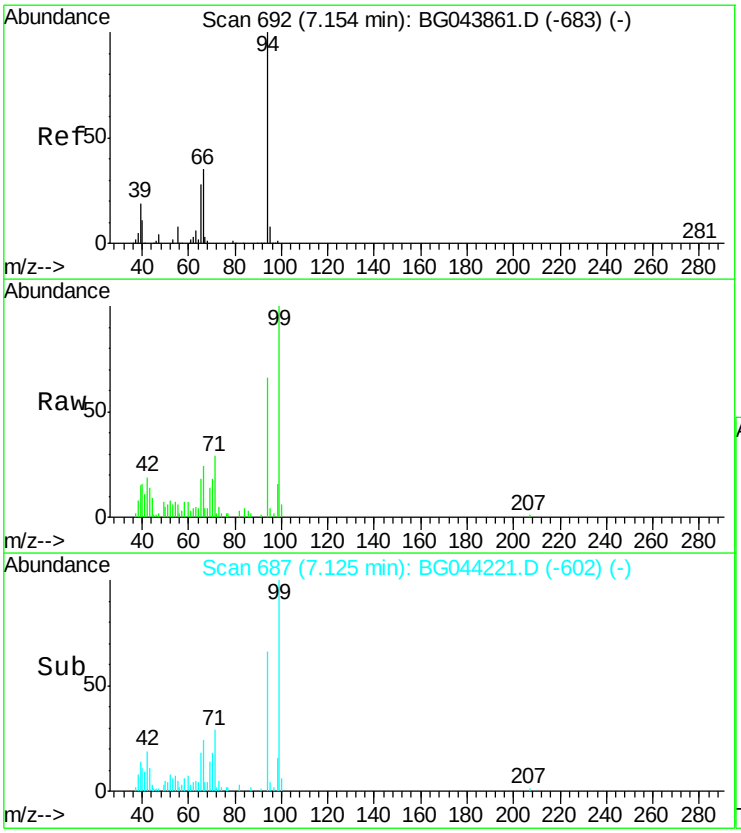
#7
Phenol-d6
Concen: 34.679 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion: 99 Resp: 237722

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	29.2	26.4	39.6

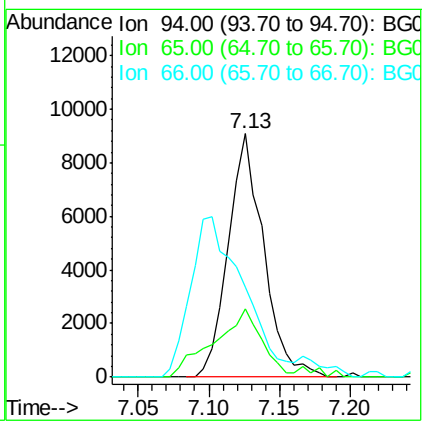


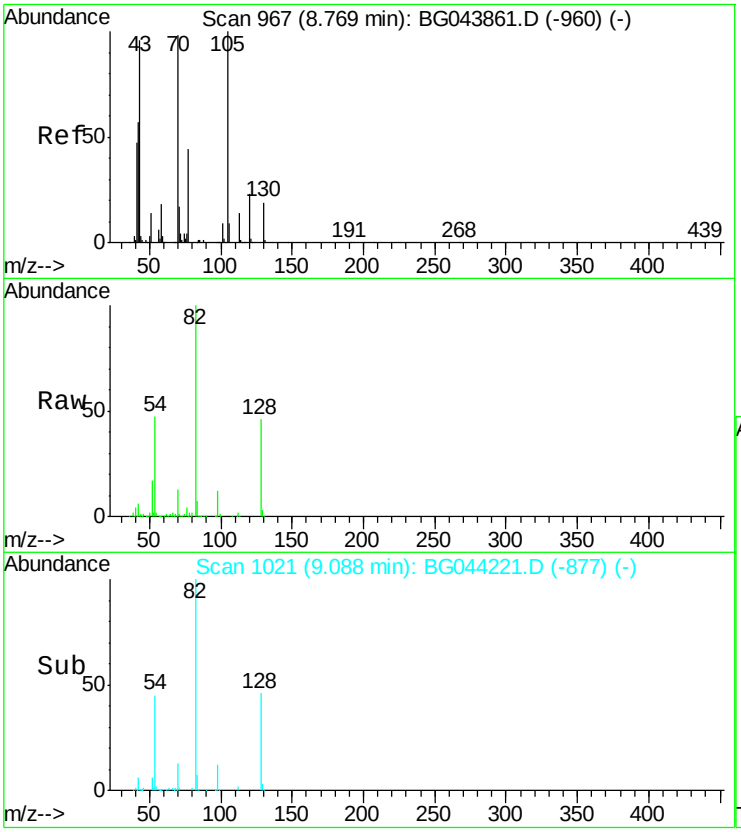


#10
Phenol
Concen: 2.244 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion: 94 Resp: 15847

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	36.9	15.6	55.6



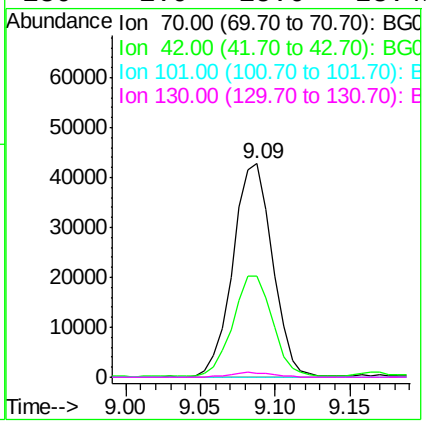


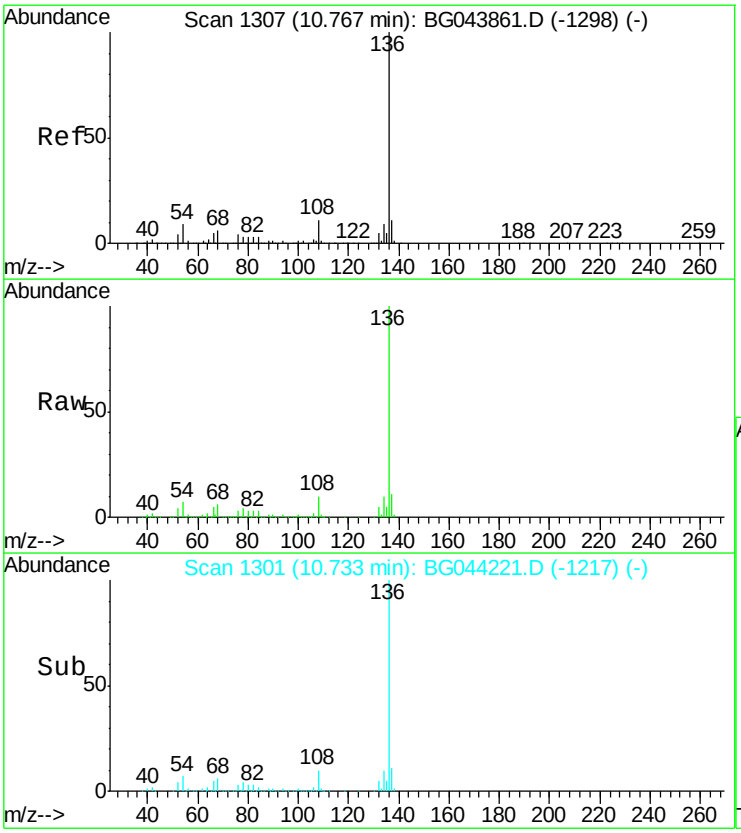
#19
n-Nitroso-di-n-propylamine
Concen: 15.500 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion: 70 Resp: 79125

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.0	70.4
101	0.0	7.2	10.8#
130	1.9	15.6	23.4#

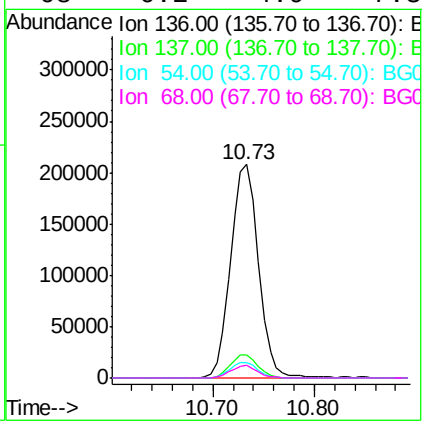


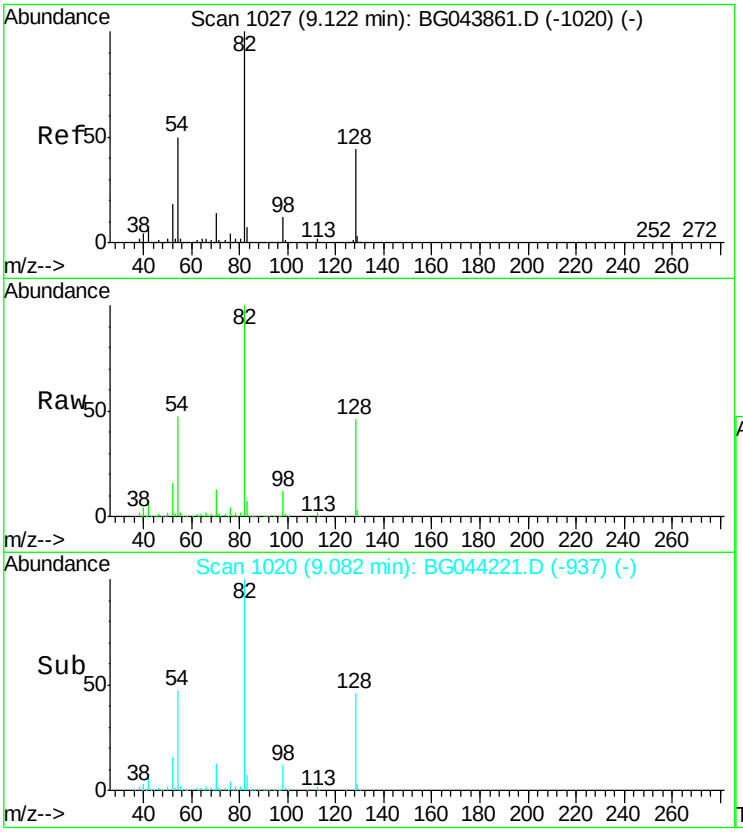


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:136 Resp: 397556

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	7.0	10.4
68	6.2	4.9	7.3



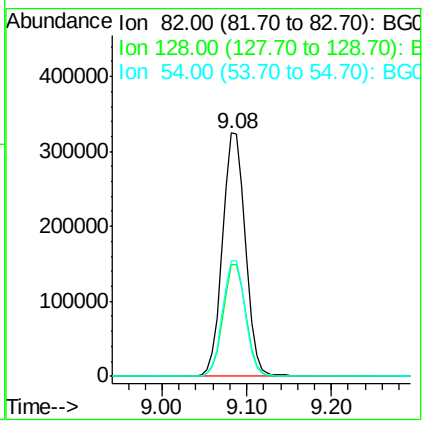


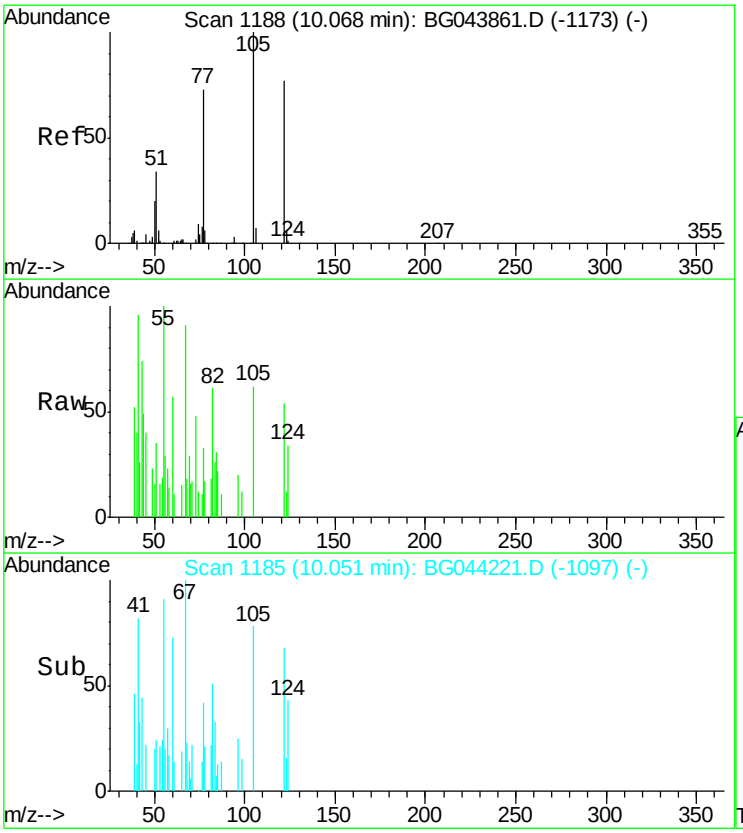
#23
Nitrobenzene-d5
Concen: 81.847 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion: 82 Resp: 608245

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	47.4	40.1	60.1

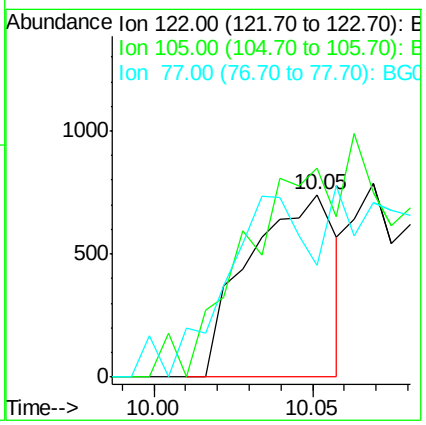


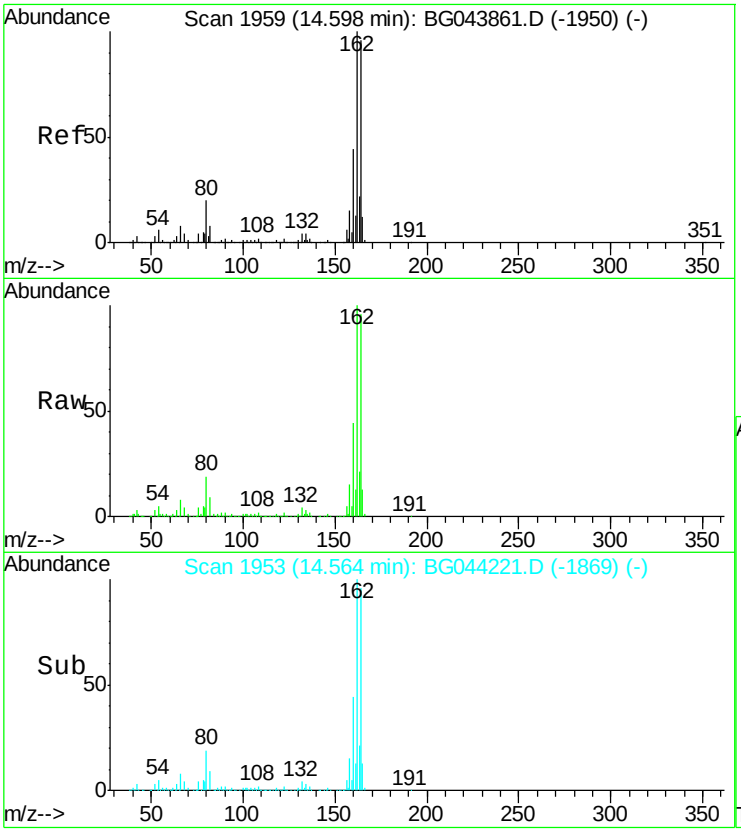


#32
Benzoic acid
Concen: 6.548 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:122 Resp: 1402

Ion	Ratio	Lower	Upper
122	100		
105	114.2	106.4	146.4
77	61.3	74.6	114.6#



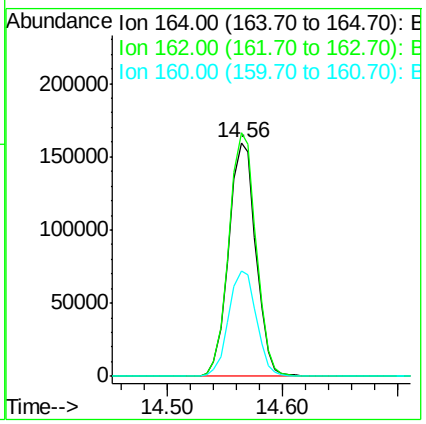


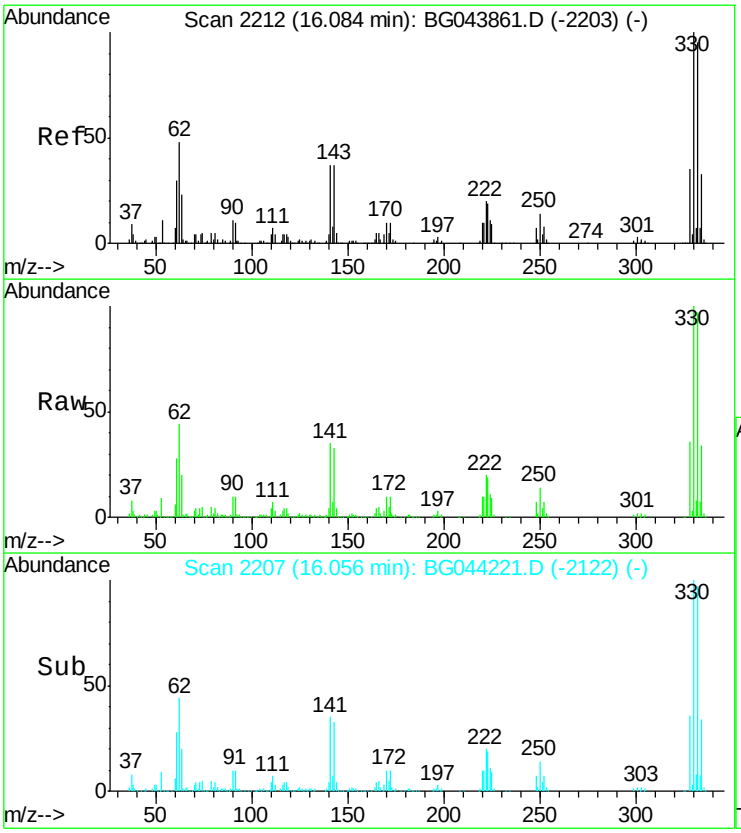
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:164 Resp: 260568

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	45.3	36.1	54.1

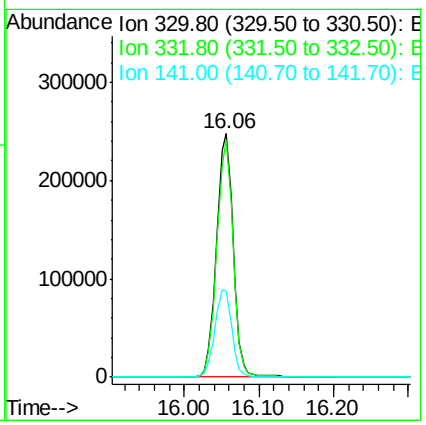


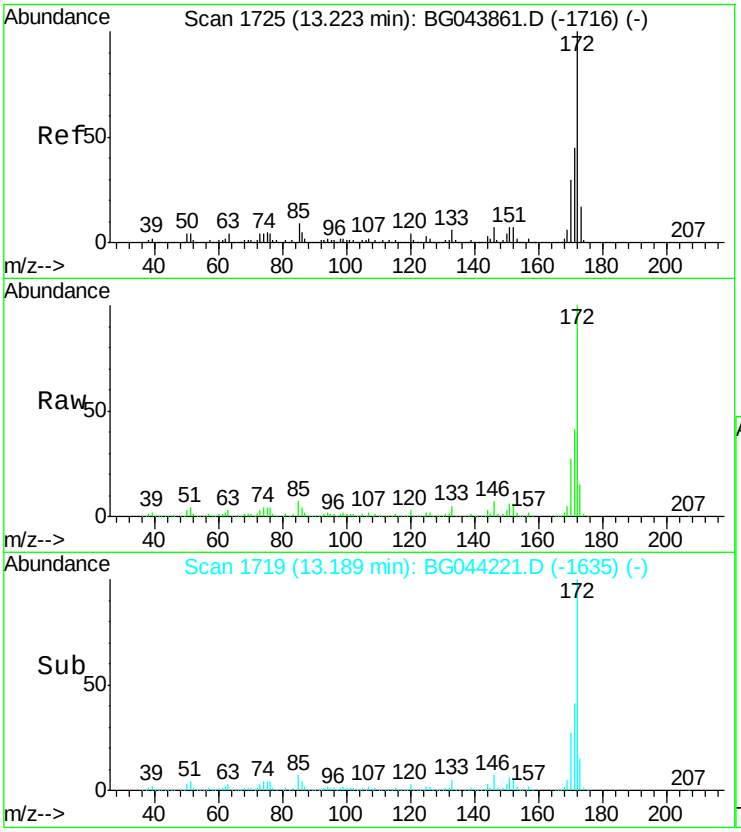


#42
2,4,6-Tribromophenol
Concen: 140.645 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:330 Resp: 383510

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.2	115.8
141	36.6	33.1	49.7



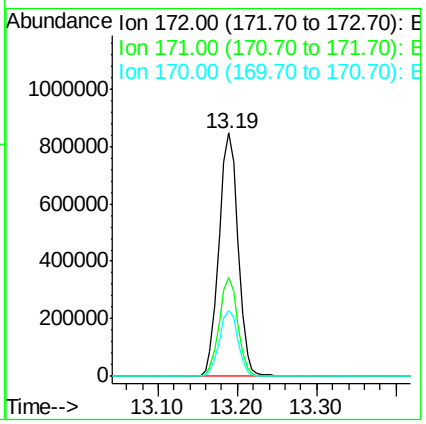


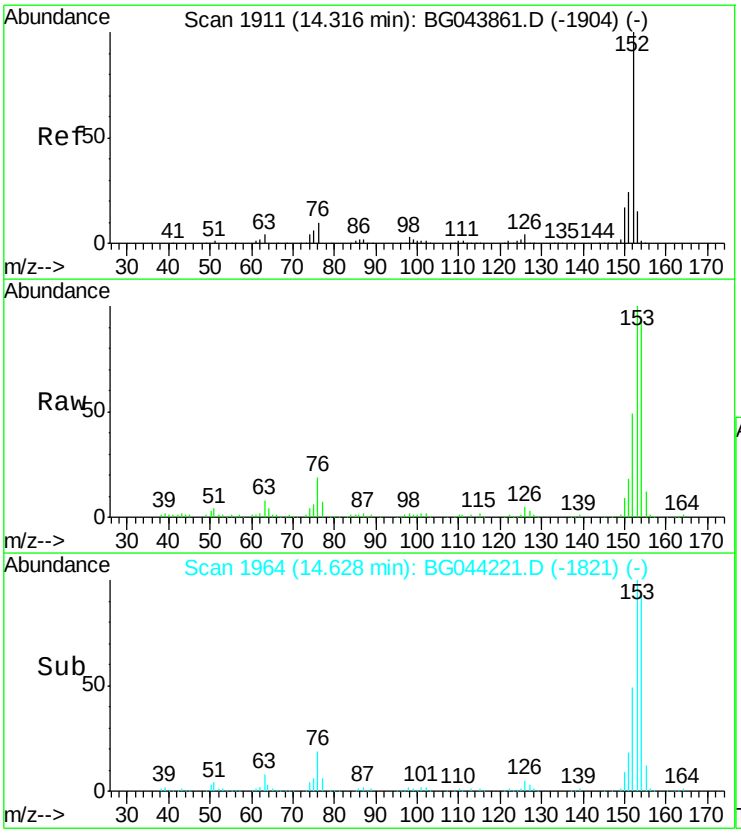
#45
2-Fluorobiphenyl
Concen: 98.425 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:172 Resp: 1415543

Ion	Ratio	Lower	Upper
172	100		
171	40.7	35.8	53.8
170	27.2	24.2	36.4

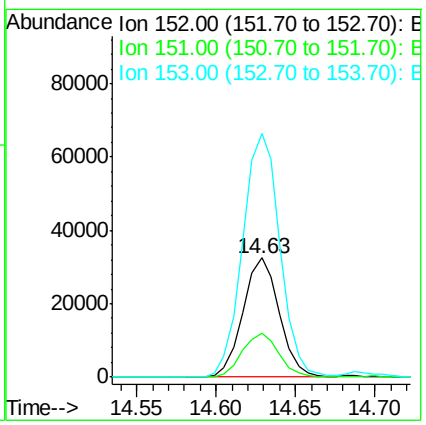


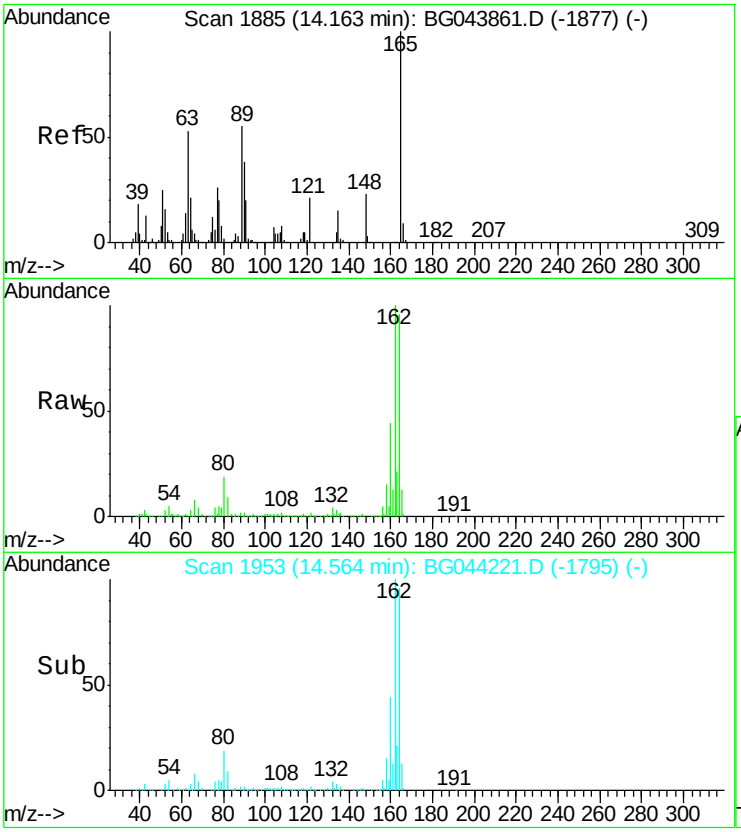


#49
Acenaphthylene
Concen: 2.388 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.31 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:152 Resp: 51813

Ion	Ratio	Lower	Upper
152	100		
151	37.2	19.4	29.2#
153	204.4	12.0	18.0#



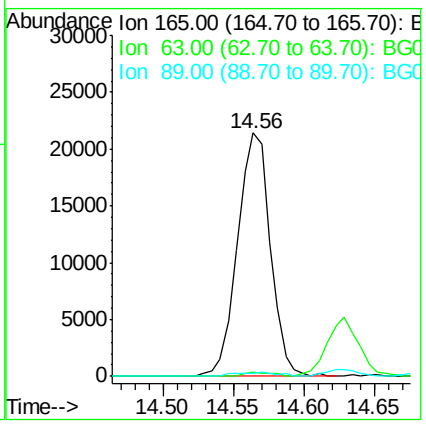


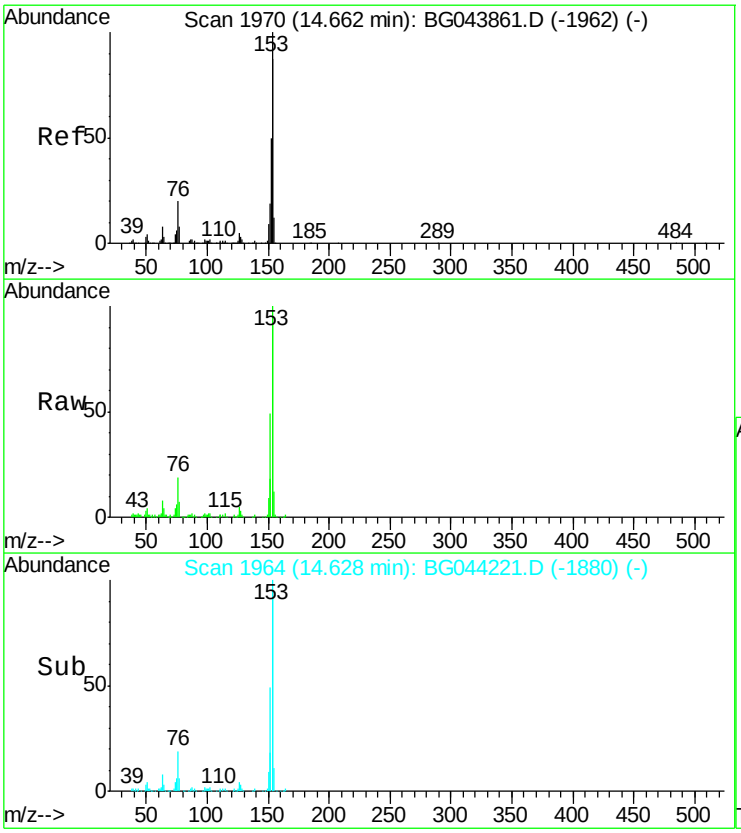
#51
2,6-Dinitrotoluene
Concen: 8.326 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.40 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:165 Resp: 34816

Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.1	64.7#
89	1.4	43.8	65.6#

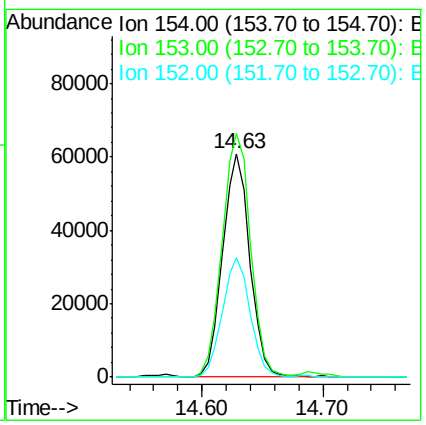


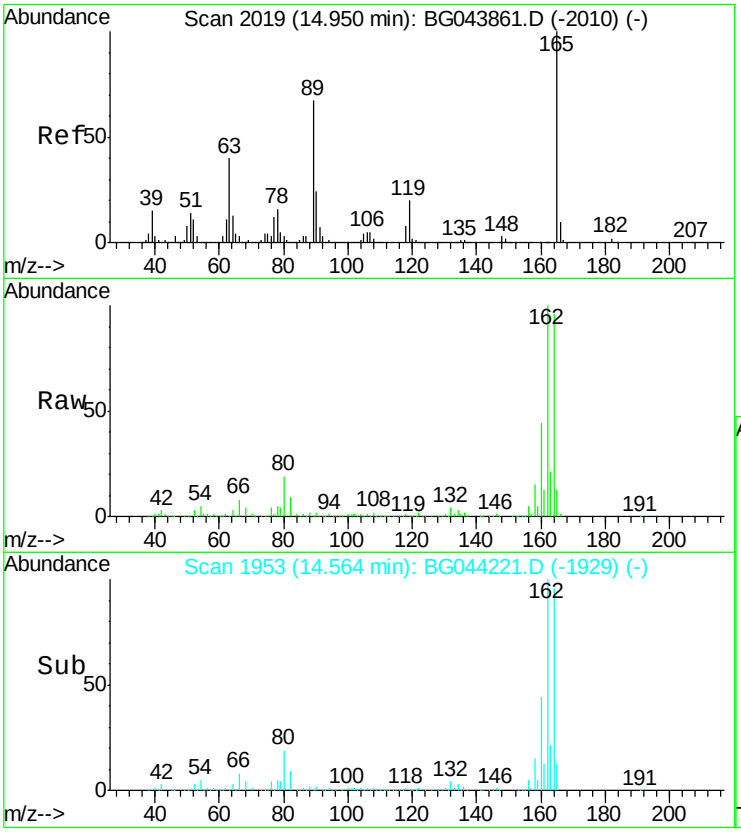


#52
Acenaphthene
Concen: 6.252 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:154 Resp: 95142

Ion	Ratio	Lower	Upper
154	100		
153	109.1	91.6	137.4
152	53.4	45.4	68.0



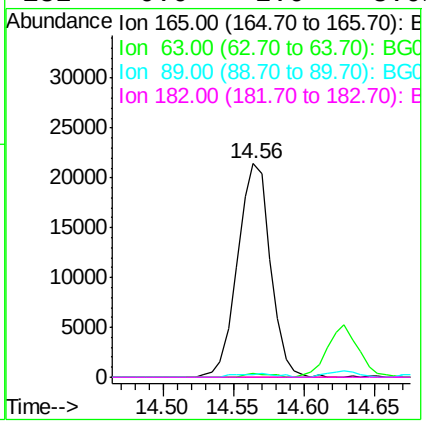


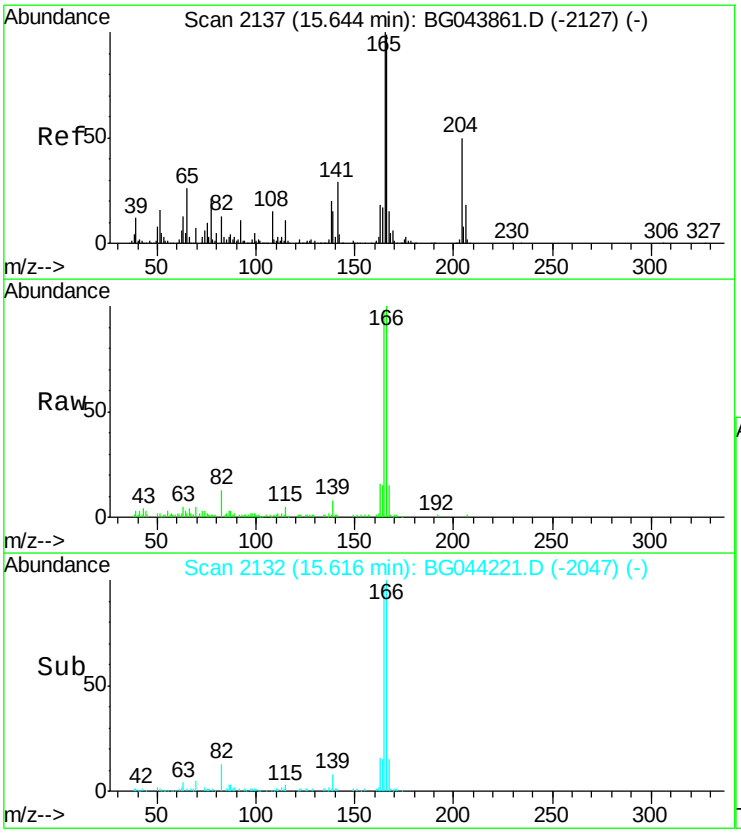
#57
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:165 Resp: 34816

Ion	Ratio	Lower	Upper
165	100		
63	1.6	31.9	47.9#
89	1.4	53.8	80.6#
182	0.0	2.0	3.0#

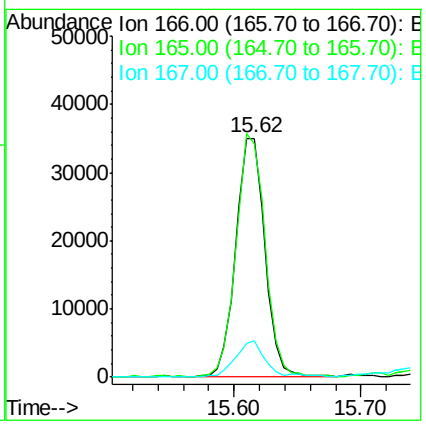


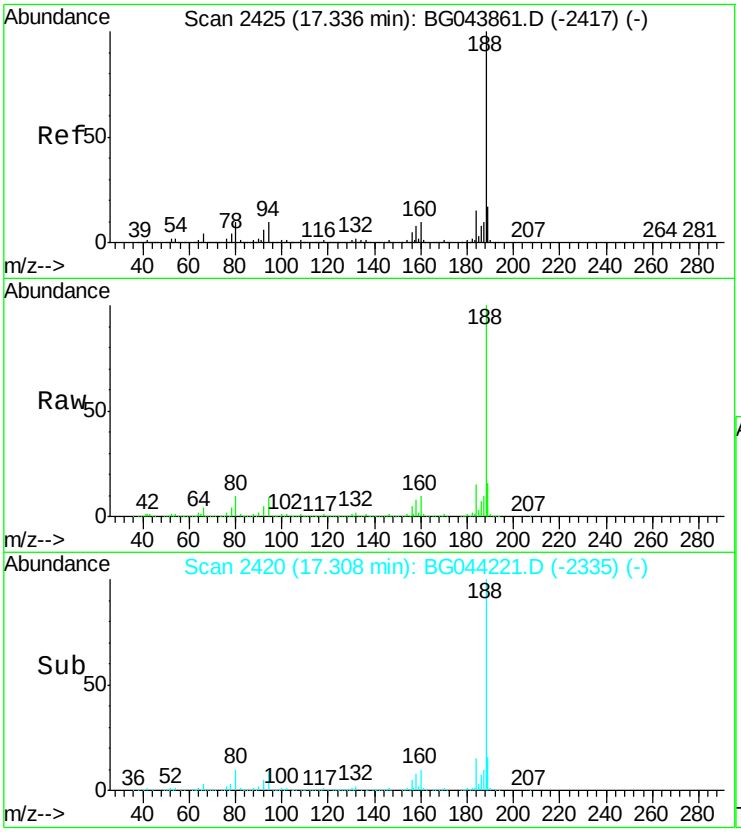


#58
Fluorene
Concen: 3.357 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:166 Resp: 55737

Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.8	121.2
167	14.9	12.1	18.1



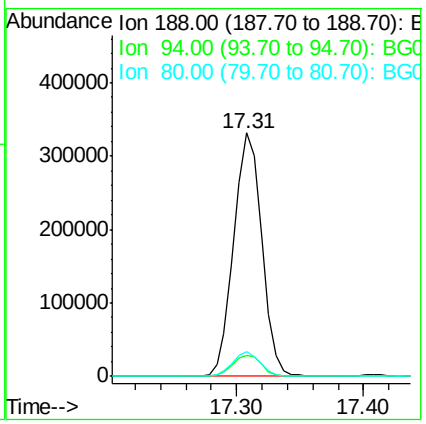


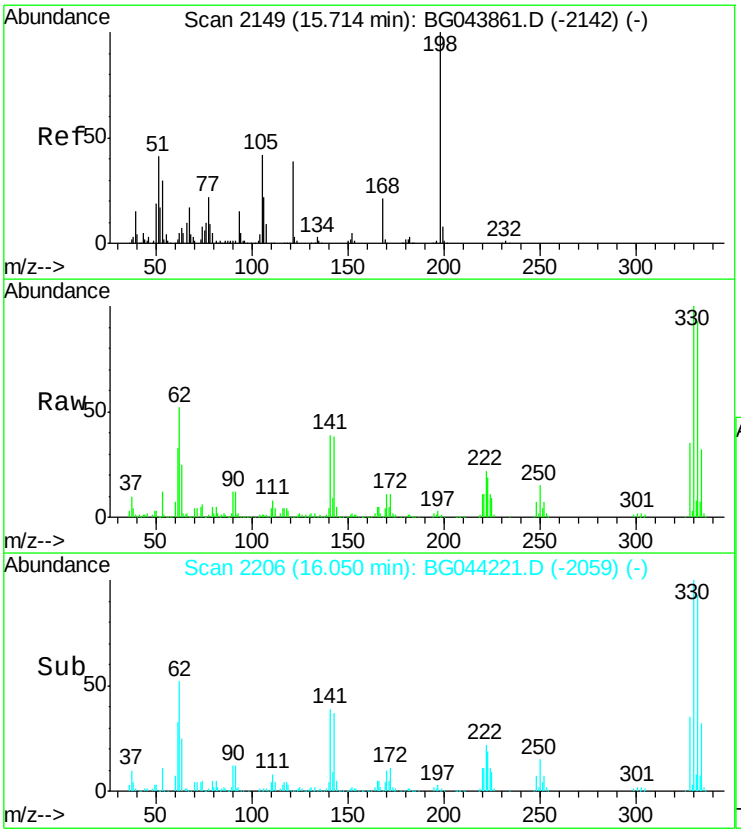
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:188 Resp: 507672

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	10.1	8.2	12.4

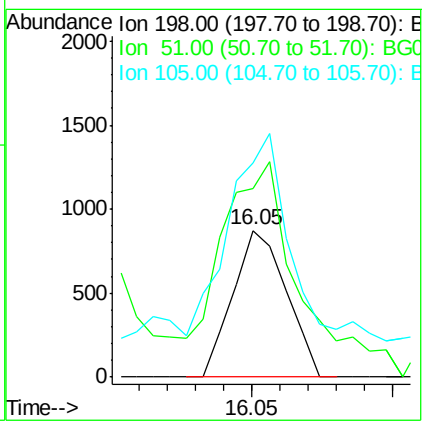


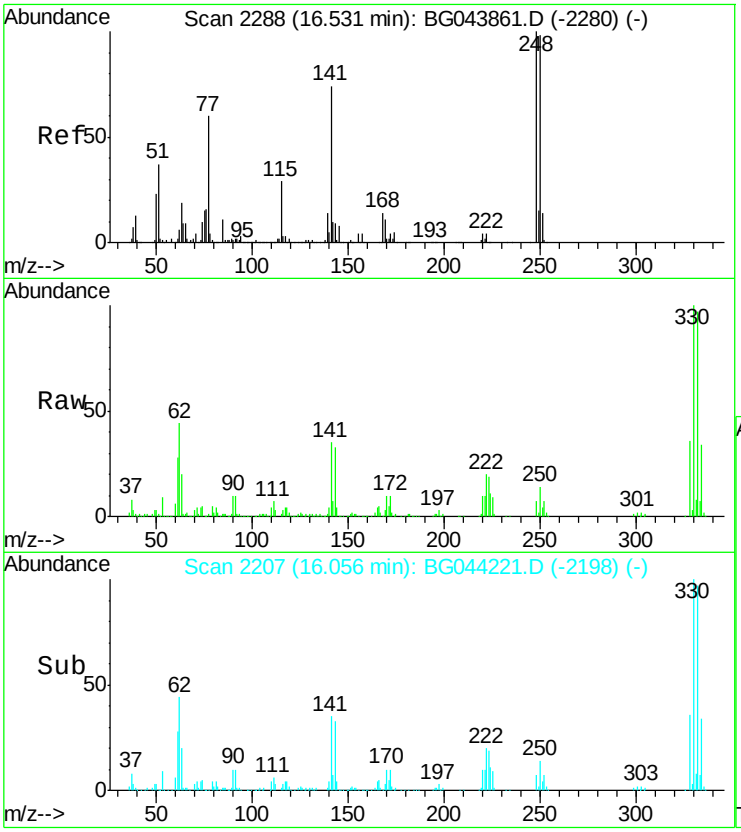


#65
4,6-Dinitro-2-methylphenol
Concen: 4.788 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.34 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:198 Resp: 1146

Ion	Ratio	Lower	Upper
198	100		
51	128.1	22.5	62.5#
105	145.8	22.3	62.3#



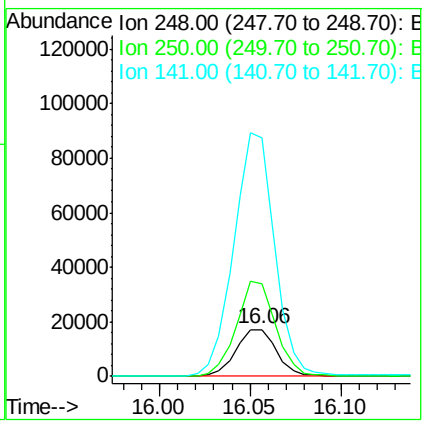


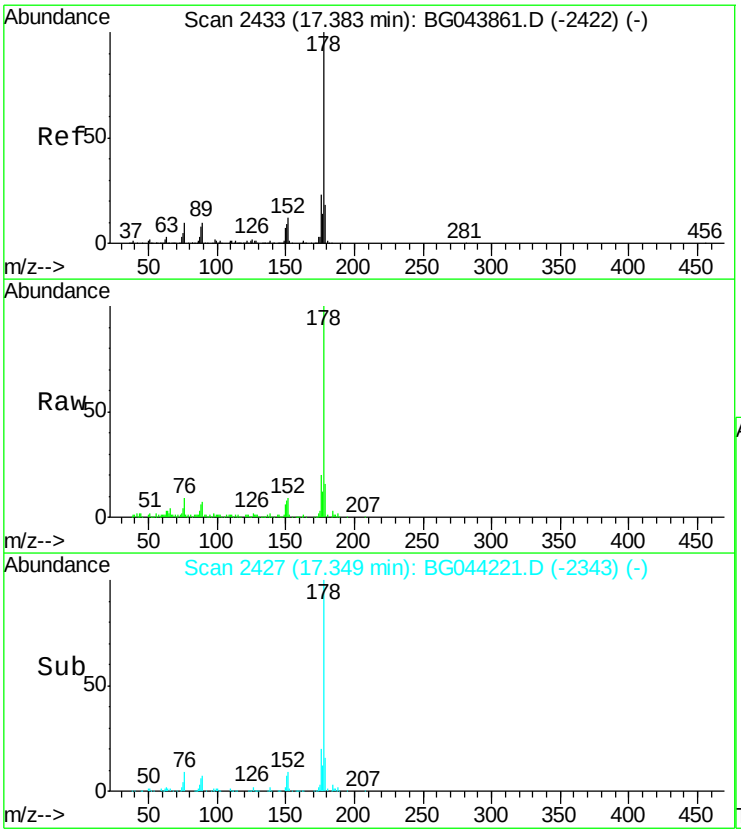
#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.47 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:248 Resp: 26549

Ion	Ratio	Lower	Upper
248	100		
250	197.4	78.2	117.2#
141	506.2	59.3	88.9#

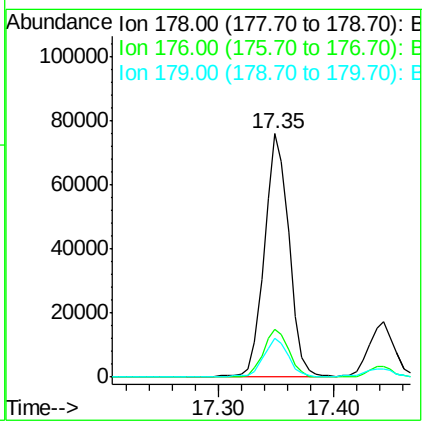


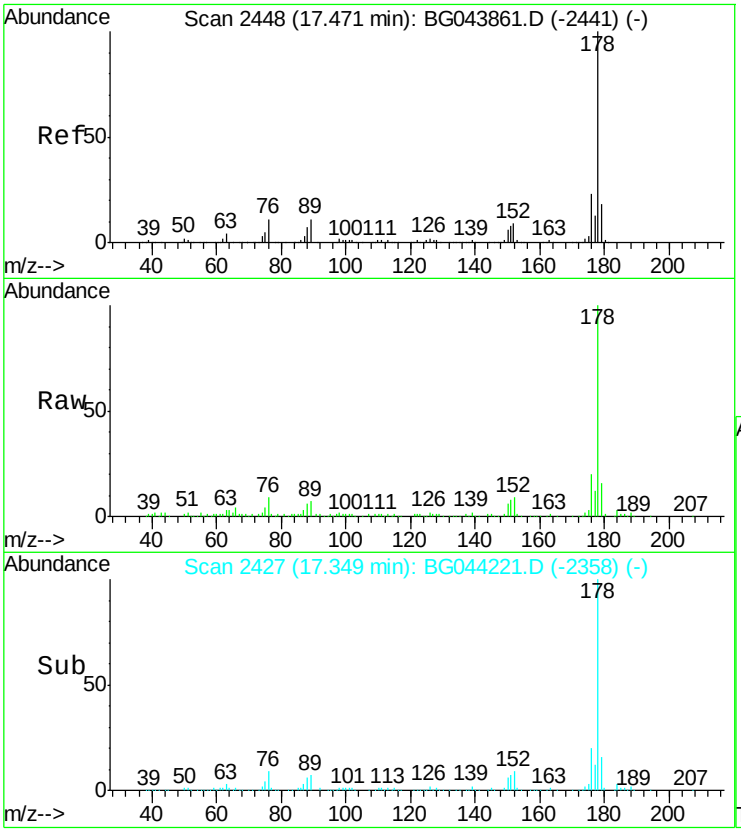


#71
Phenanthrene
Concen: 4.644 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:178 Resp: 113087

Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.6	28.0
179	16.0	14.4	21.6



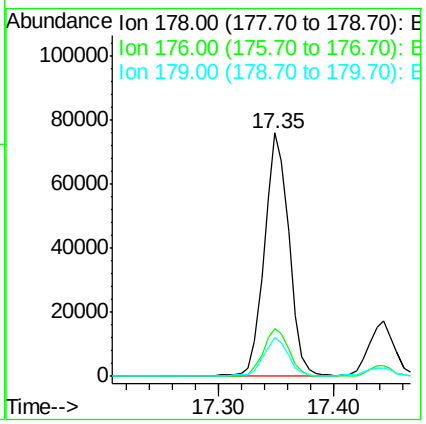


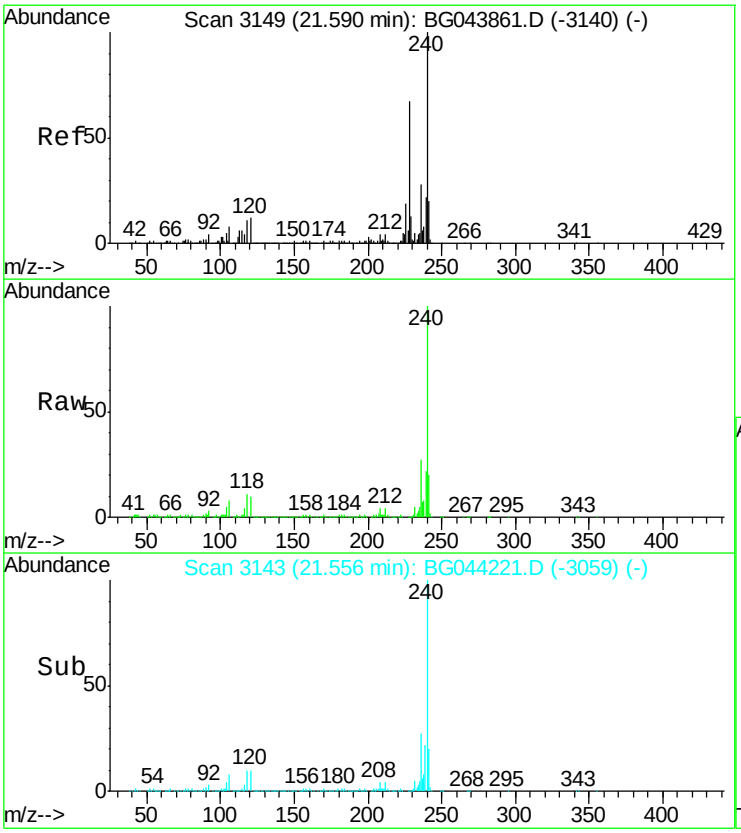
#72
Anthracene
Concen: 4.699 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.12 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:178 Resp: 113087

Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.3	27.5
179	16.0	14.6	22.0

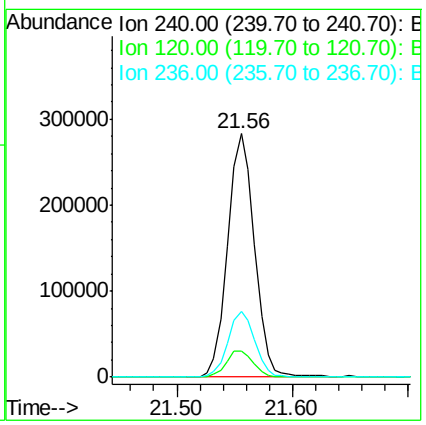


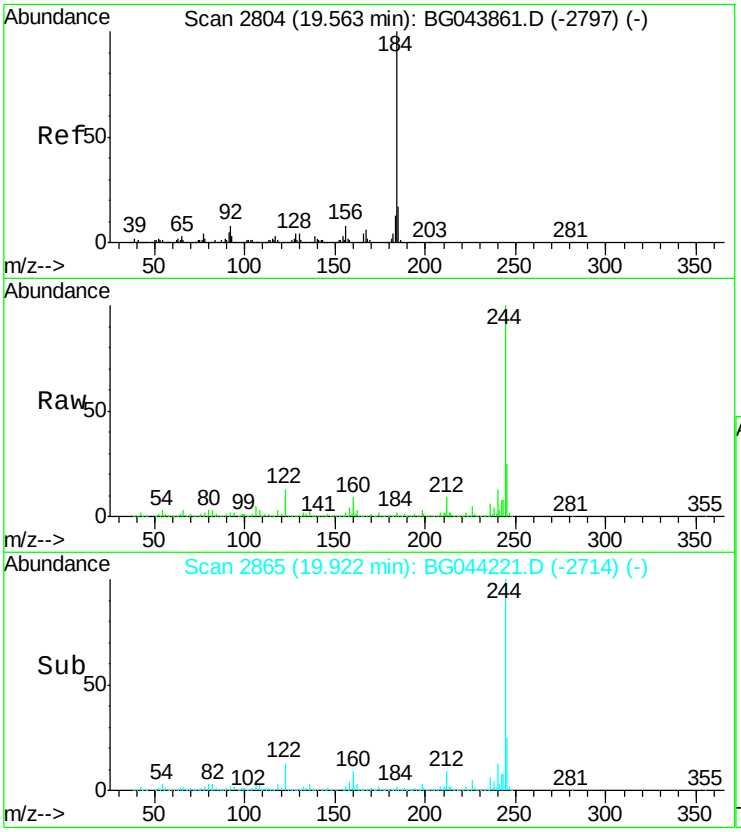


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:240 Resp: 455928

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.6	14.4
236	26.8	22.2	33.2



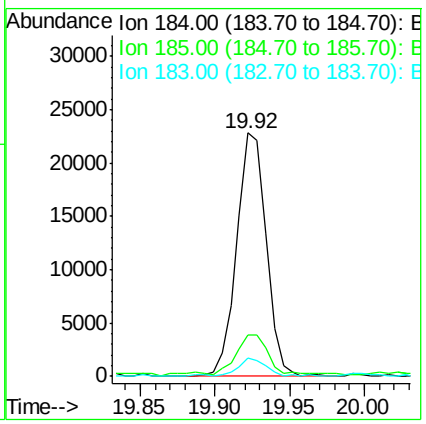


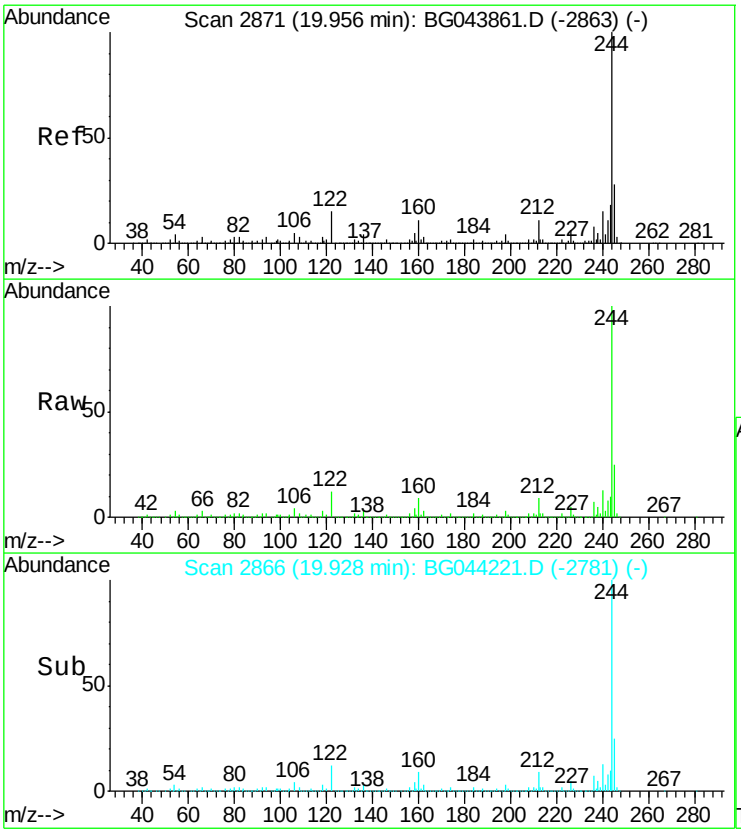
#77
Benzidine
Concen: 2.733 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:184 Resp: 31321

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.4	20.0
183	7.6	10.6	15.8#

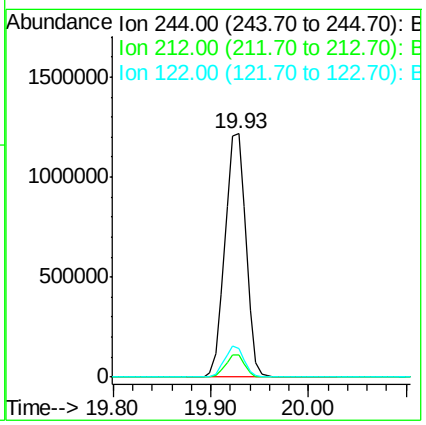


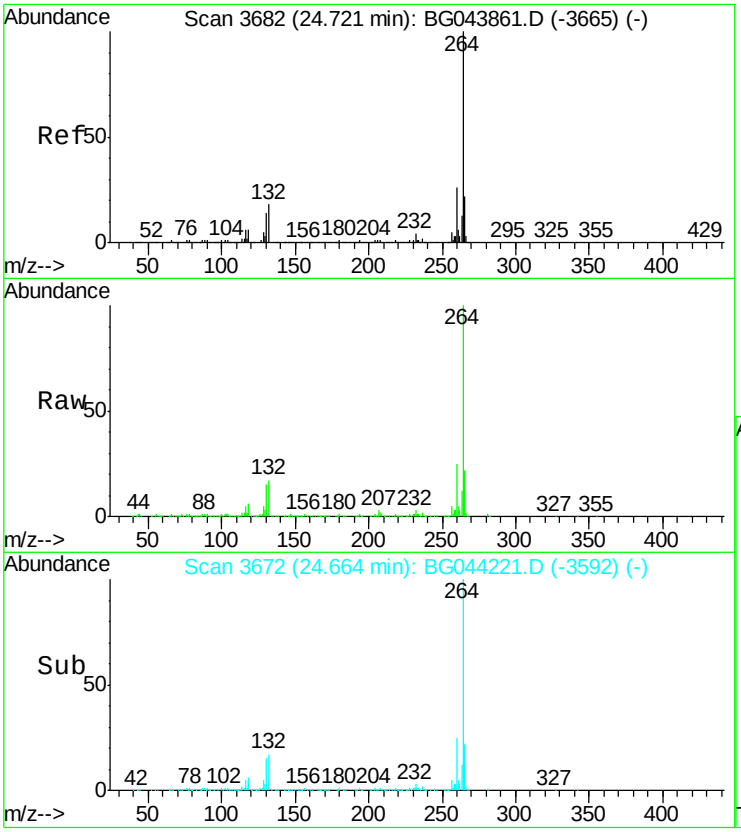


#79
Terphenyl-d14
Concen: 100.330 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion:244 Resp: 1811904

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	12.0	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tgt Ion:264 Resp: 518132

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.2	17.4	26.2