Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 14 23:51:50 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	7.95	152	131788	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	541838	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	333215	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	663730	20.00	ng		-0.01
76) Chrysene-d12	21.59	240	561869	20.00	ng		0.00
87) Perylene-d12	24.82	264	641646	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	789836	110.04	ng		0.00
7) Phenol-d6	7.12	99	1094433	109.08	ng		0.00
23) Nitrobenzene-d5	9.10	82	651285	64.30	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	368093	105.56	ng		-0.02
45) 2-Fluorobiphenyl	13.21	172	1303790	70.89	ng		-0.02
79) Terphenyl-d14	19.94	244	1592836	63.57	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.15	94	22598	2.186	ng		88
19) n-Nitroso-di-n-propylamine	9.10	70	85165	11.398	ng	#	78
32) Benzoic acid	10.07	122	76	6.273	ng	#	71
50) Dimethylphthalate	14.03	163	122569	5.181	ng		98
57) 2,4-Dinitrotoluene	14.58	165	44038	6.052	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1240	4.719	ng	#	1
67) 4-Bromophenyl-phenylether	16.07	248	26460	3.545	ng	#	1
71) Phenanthrene	17.37	178	470241	14.771	ng		94
72) Anthracene	17.45	178	88834	2.823	ng		93
75) Fluoranthene	19.37	202	837753	23.010	ng		96
77) Benzidine	19.94	184	28925	2.048	ng		97
78) Pyrene	19.74	202	742232	20.238	ng		94
81) Benzo(a)anthracene	21.57	228	465953	13.374	ng		93
83) Chrysene	21.63	228	409828	12.380	ng		94
88) Benzo(b)fluoranthene	23.78	252	745033	19.641	ng		97
89) Benzo(k)fluoranthene	23.78	252	745033	20.654	ng		98
90) Benzo(a)pyrene	24.66	252	410253	11.459	ng		99
92) Benzo(g,h,i)perylene	29.70	276	107186	3.001	ng		99

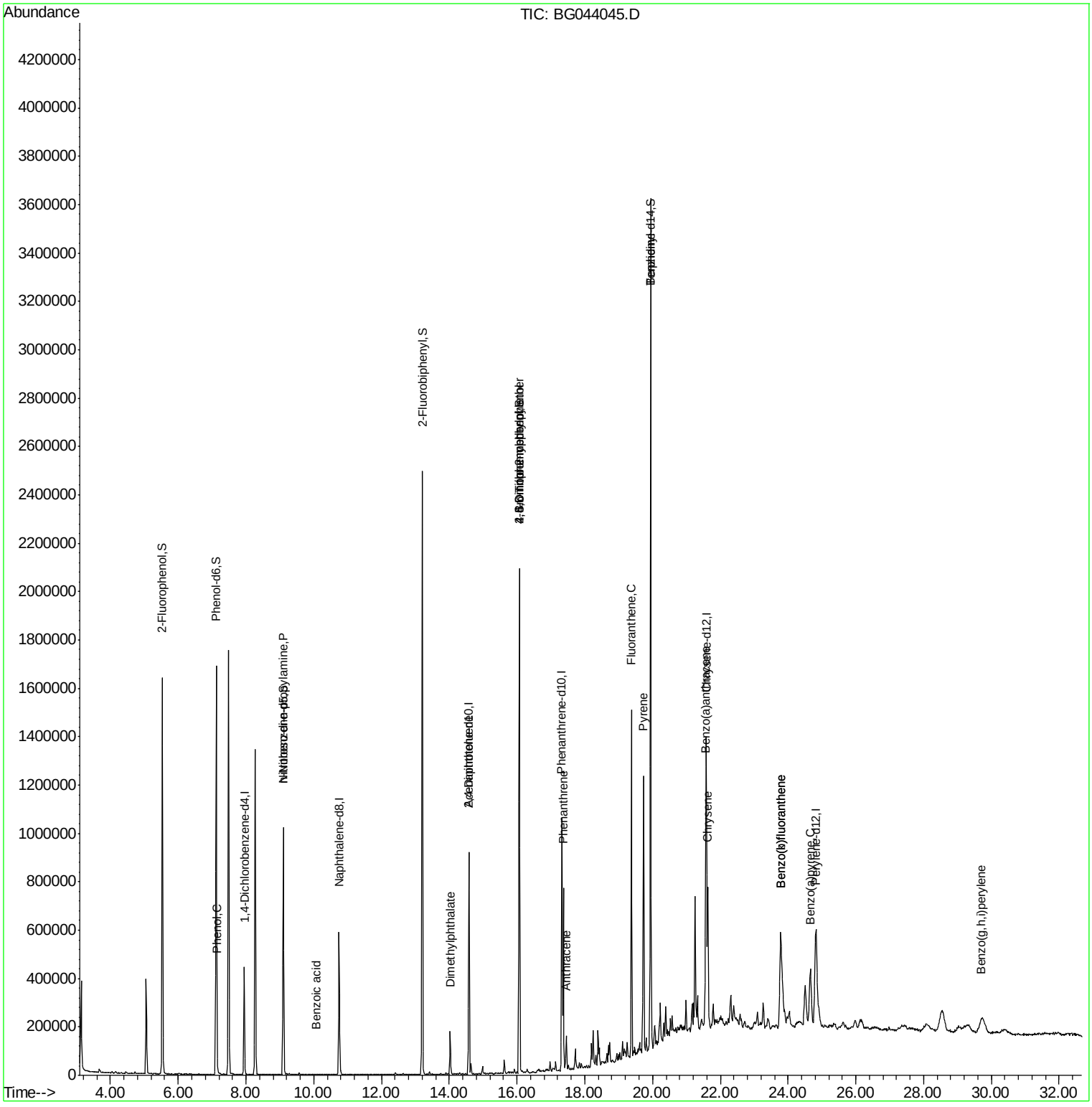
(#) = qualifier out of range (m) = manual integration (+) = signals summed

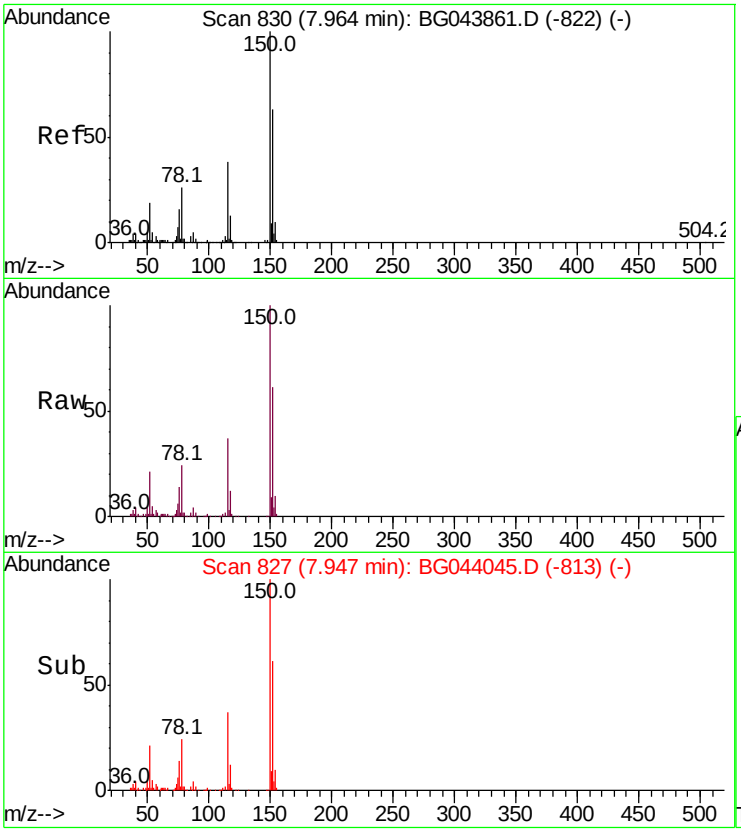
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044045.D
Acq On : 14 Jan 2020 20:44
Operator : JU
Sample : L1108-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 14 23:51:50 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



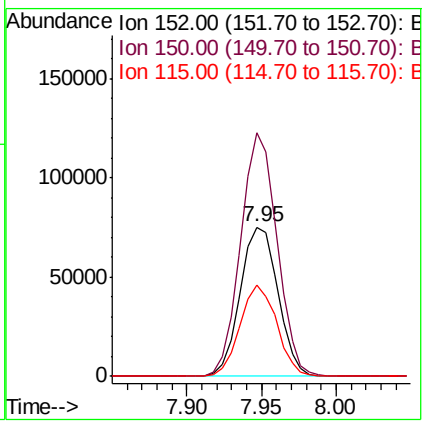


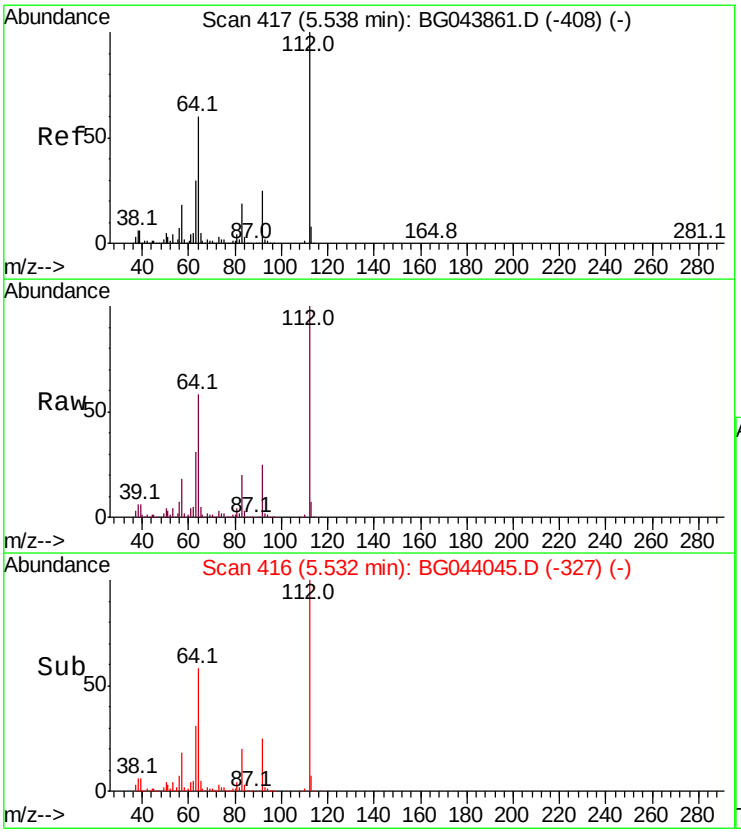
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 131788

Ion	Ratio	Lower	Upper
152	100		
150	163.1	127.0	190.4
115	61.0	47.8	71.8

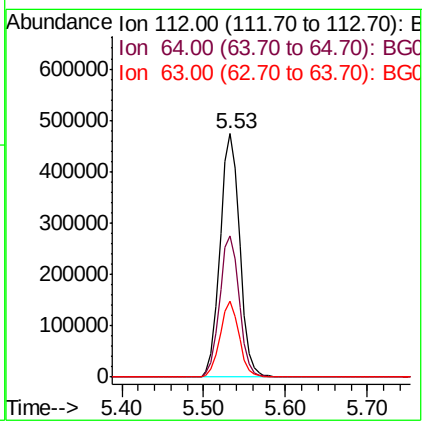


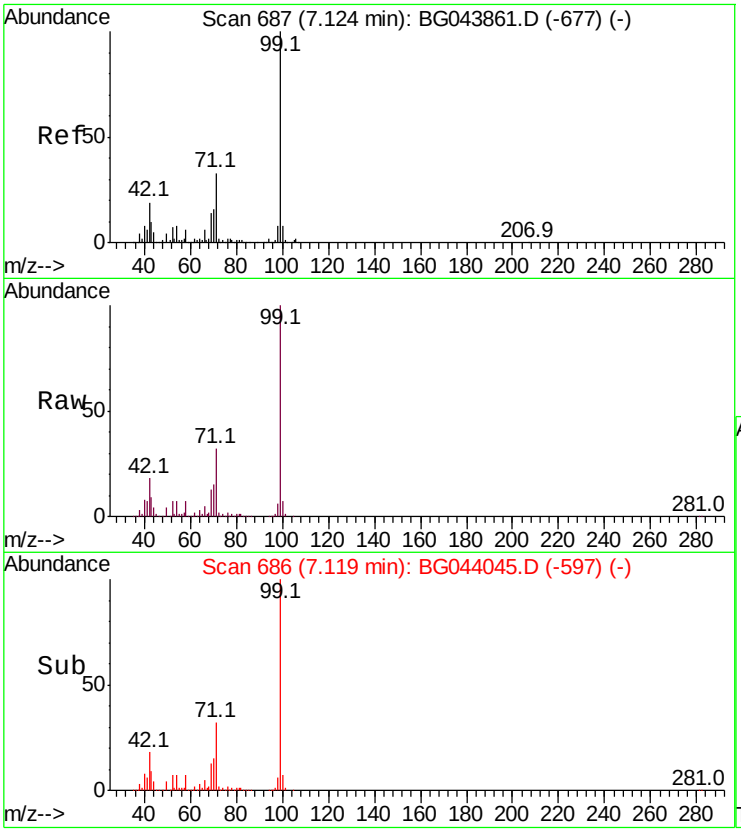


#5
2-Fluorophenol
Concen: 110.043 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:112 Resp: 789836

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.8	71.6
63	31.0	24.3	36.5



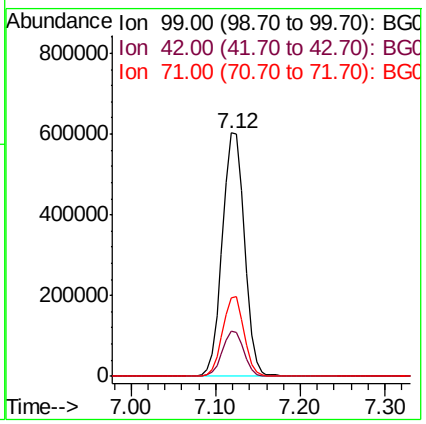


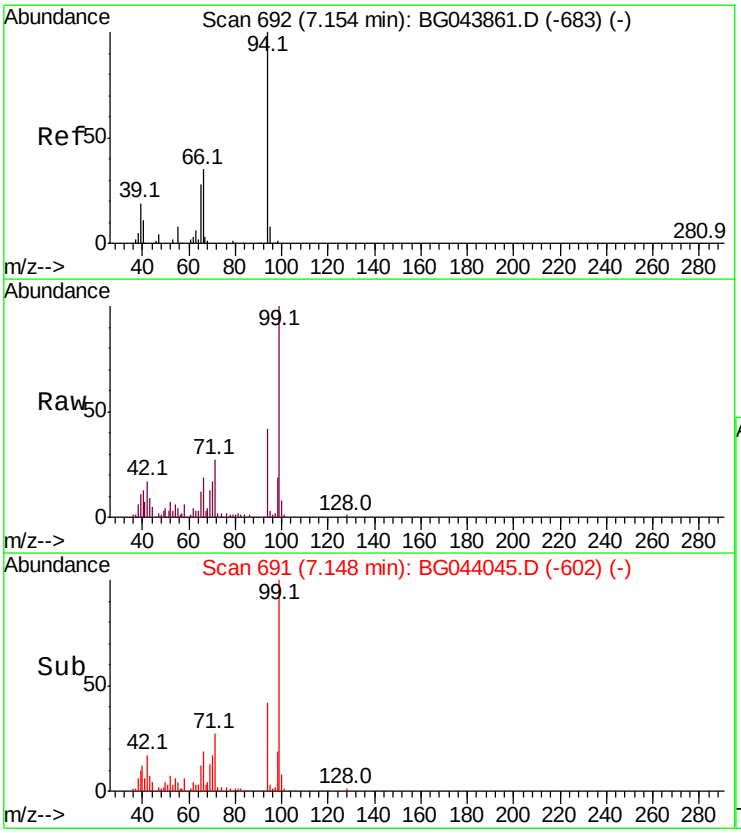
#7
Phenol-d6
Concen: 109.085 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1094433

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	32.2	26.4	39.6

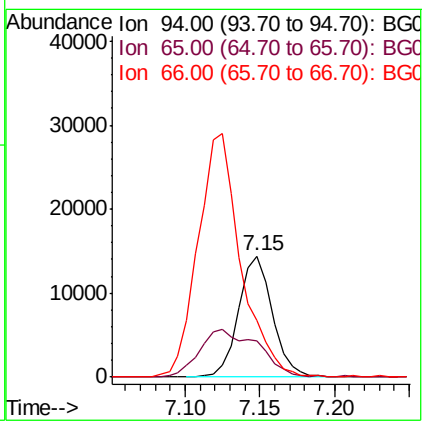


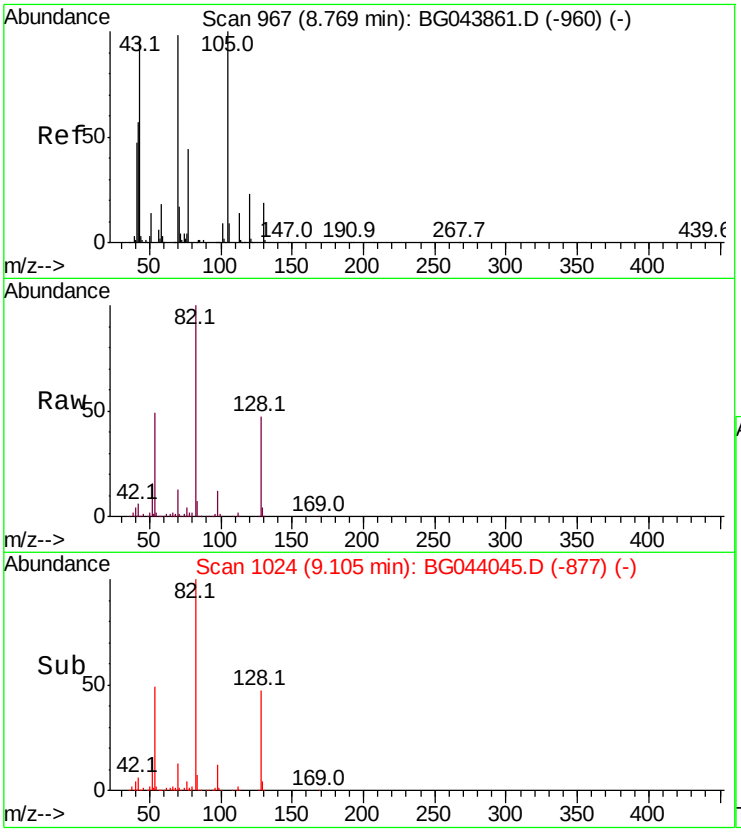


#10
Phenol
Concen: 2.186 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion: 94 Resp: 22598

Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.1	48.1
66	46.8	15.6	55.6



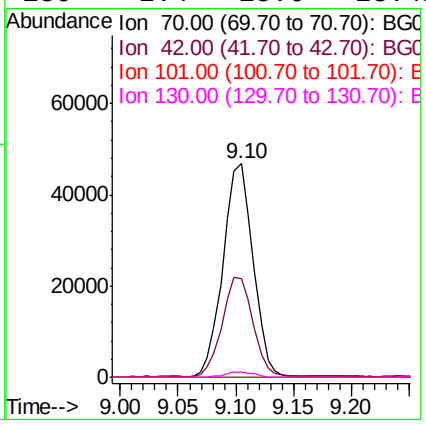


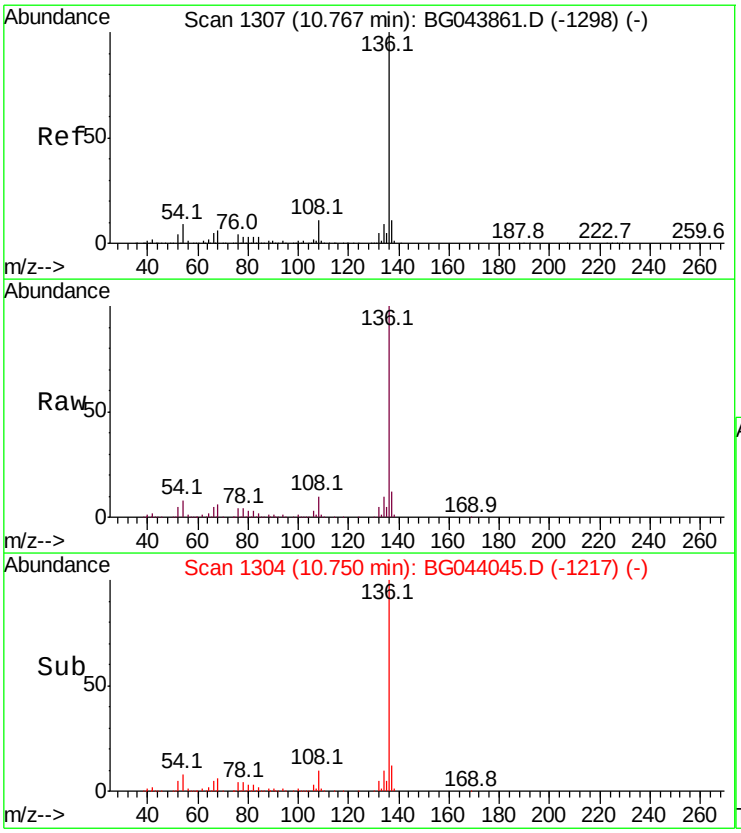
#19
n-Nitroso-di-n-propylamine
Concen: 11.398 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.34 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 85165

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.0	70.4#
101	0.0	7.2	10.8#
130	2.4	15.6	23.4#

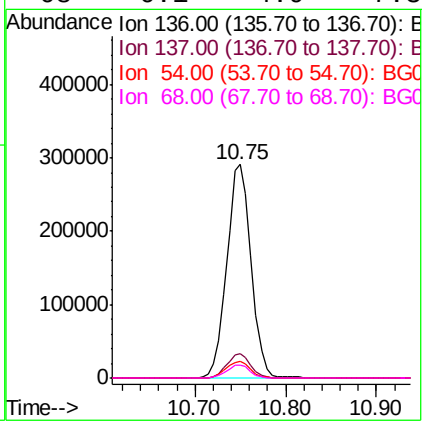


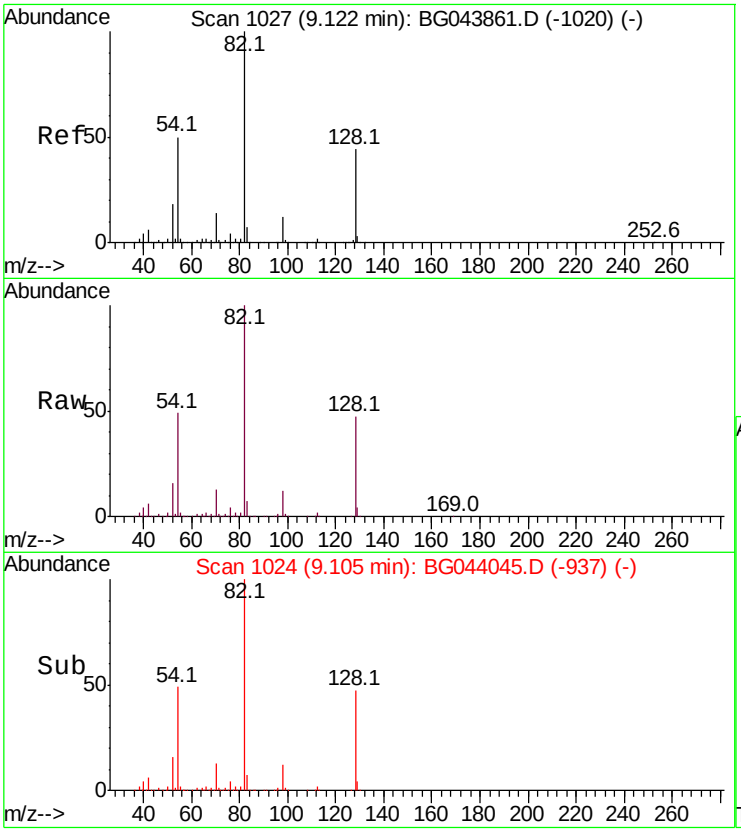


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:136 Resp: 541838

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.8	7.0	10.4
68	6.1	4.9	7.3



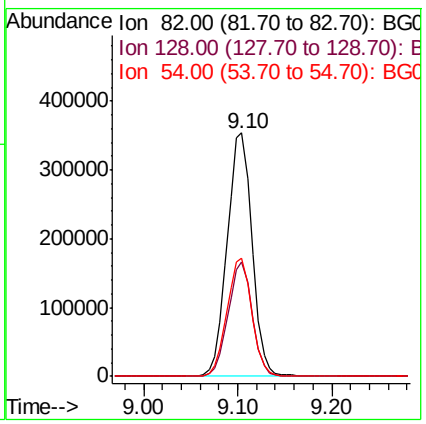


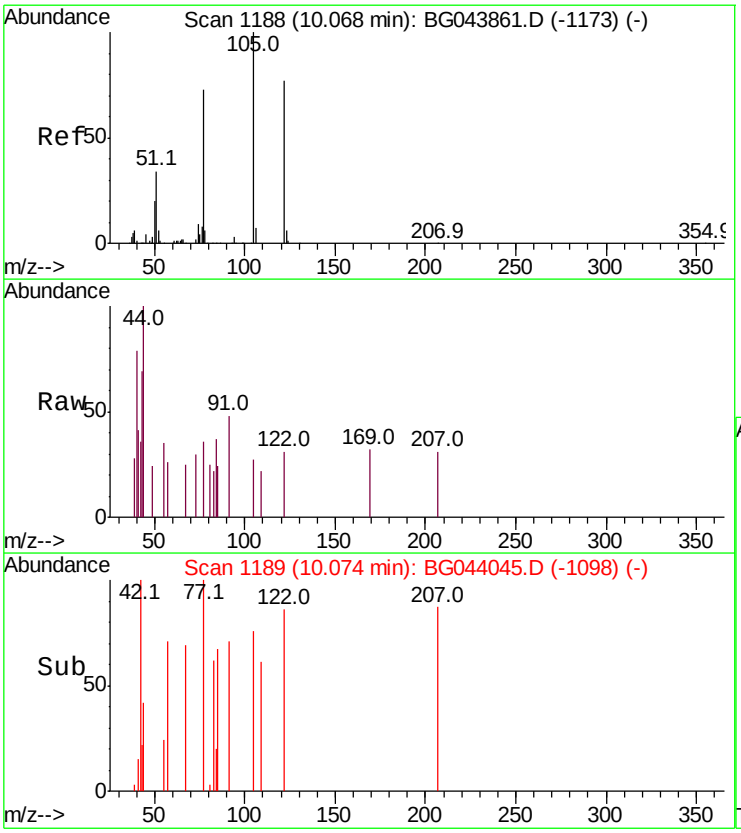
#23
Nitrobenzene-d5
Concen: 64.302 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument : BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 651285

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.1	52.7
54	48.8	40.1	60.1

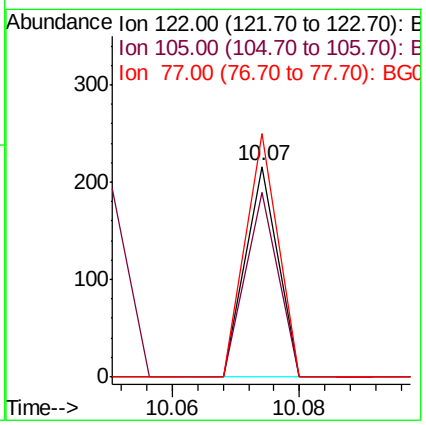


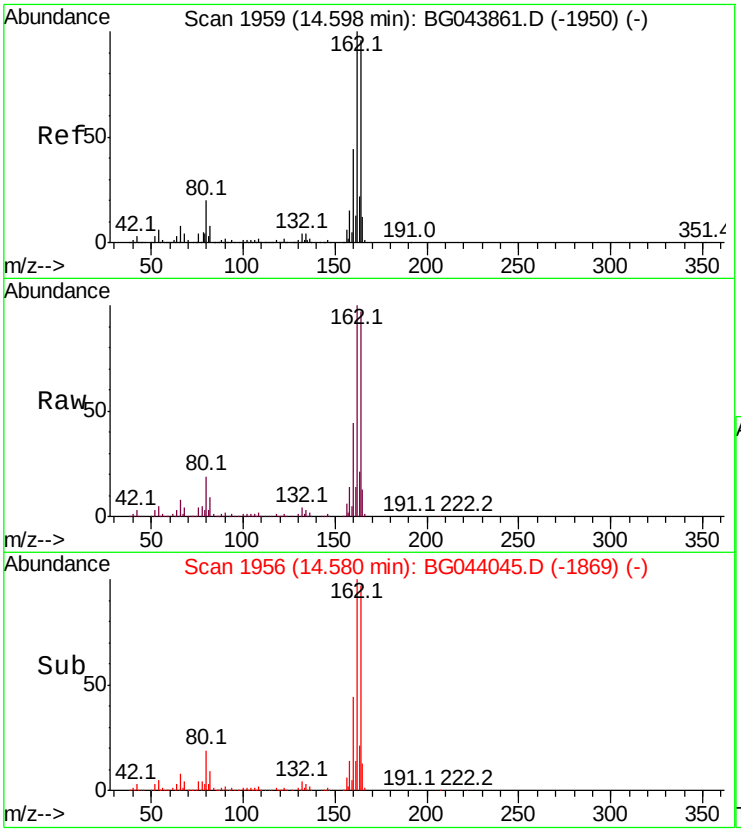


#32
Benzoic acid
Concen: 6.273 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:122 Resp: 76

Ion	Ratio	Lower	Upper
122	100		
105	87.5	106.4	146.4#
77	115.7	74.6	114.6#



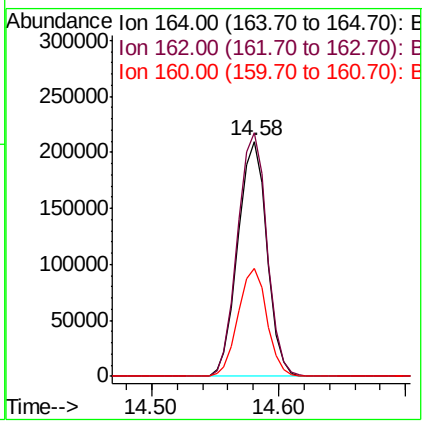


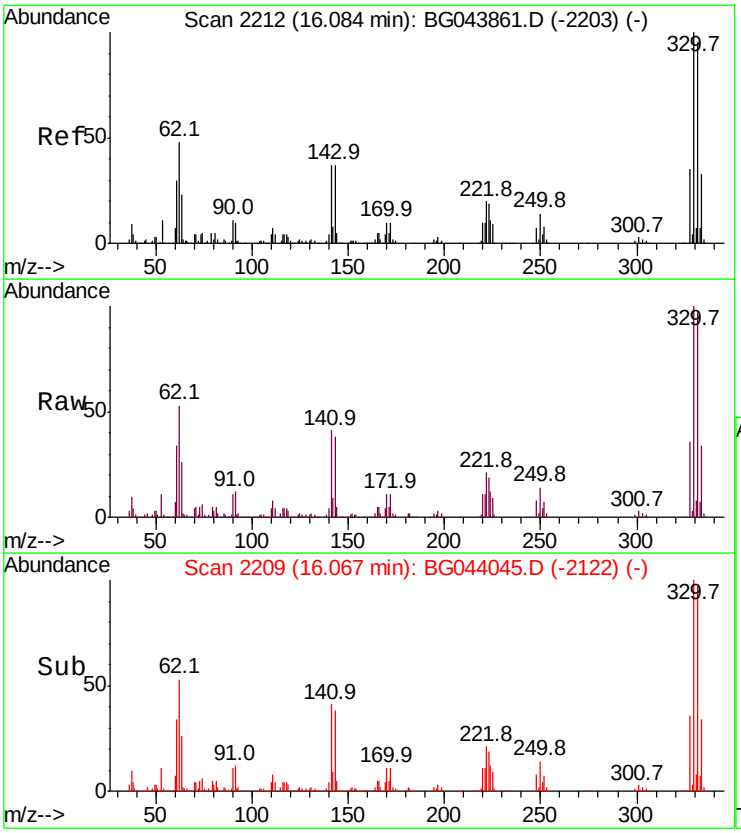
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 333215

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.4
160	45.7	36.1	54.1

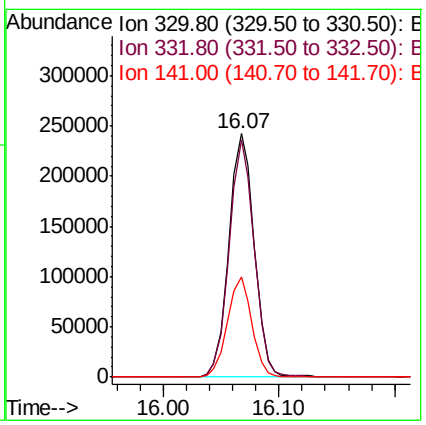


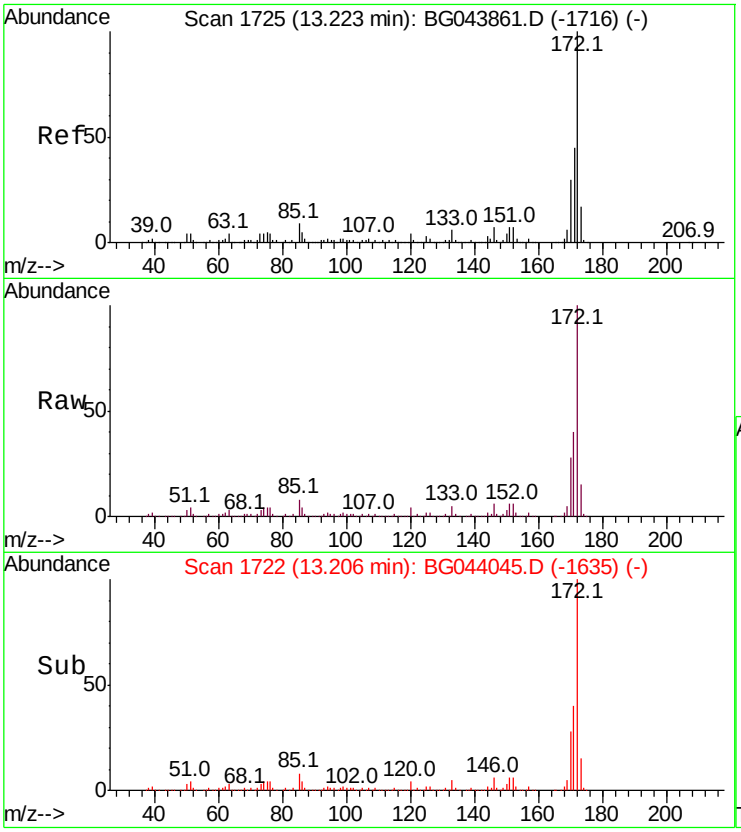


#42
2,4,6-Tribromophenol
Concen: 105.561 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:330 Resp: 368093

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	39.8	33.1	49.7



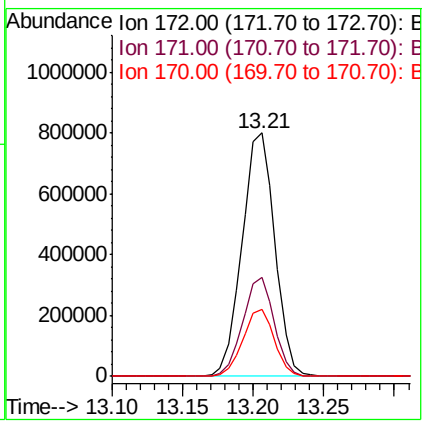


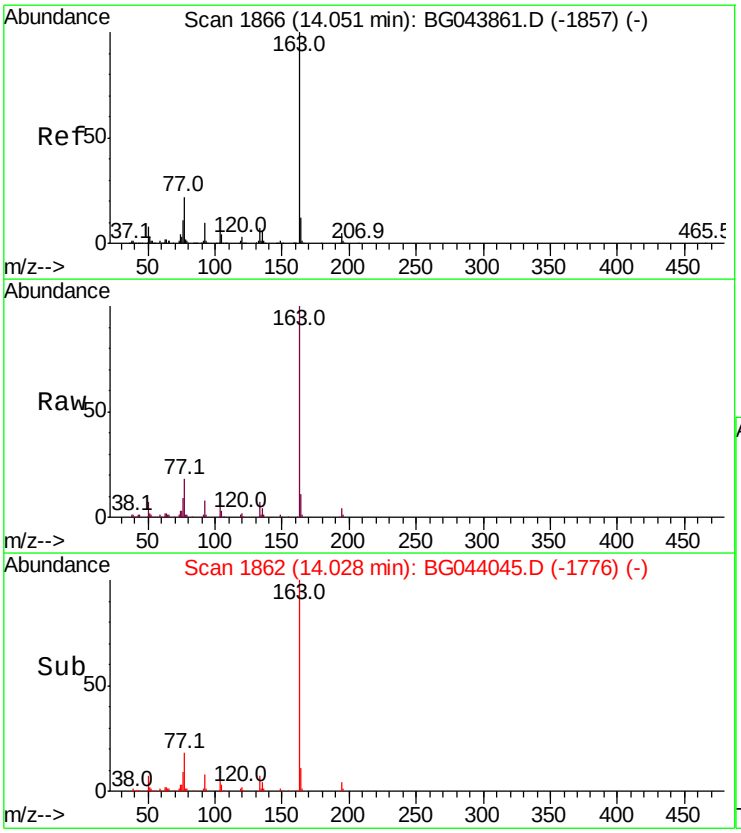
#45
2-Fluorobiphenyl
Concen: 70.890 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1303790

Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.8	53.8
170	27.7	24.2	36.4

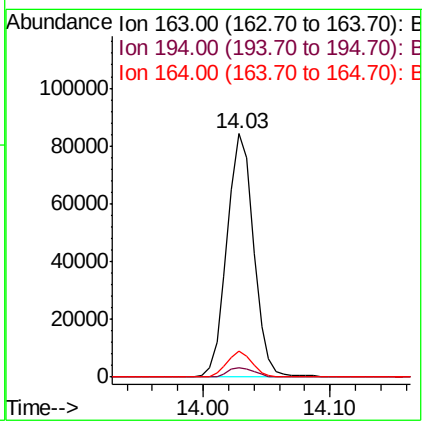


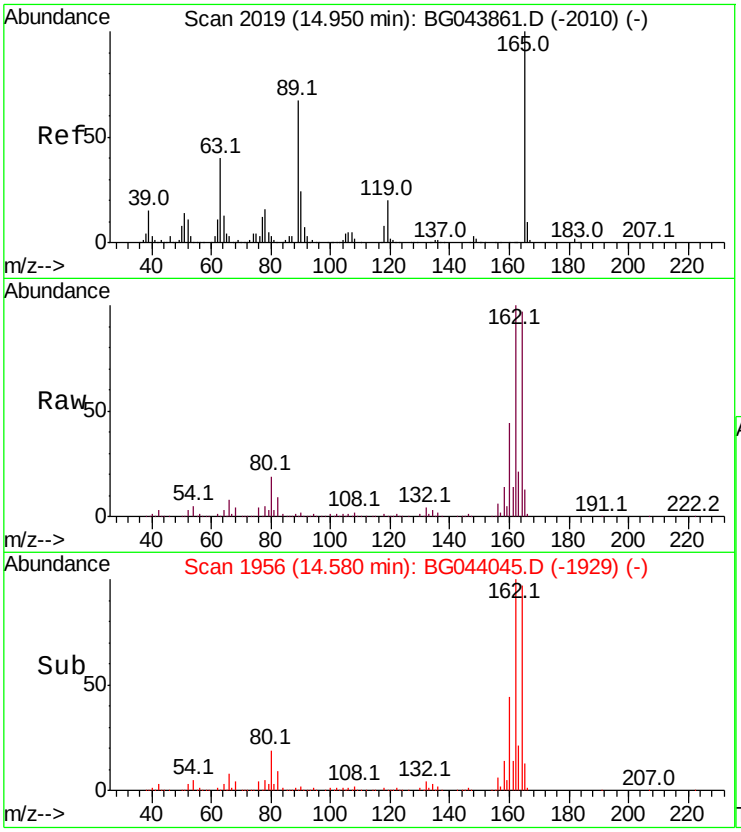


#50
Dimethylphthalate
Concen: 5.181 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:163 Resp: 122569

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.7	9.3	13.9



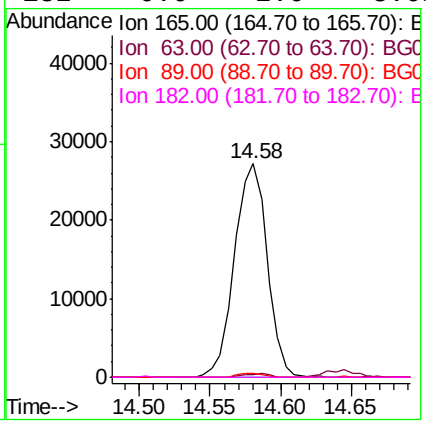


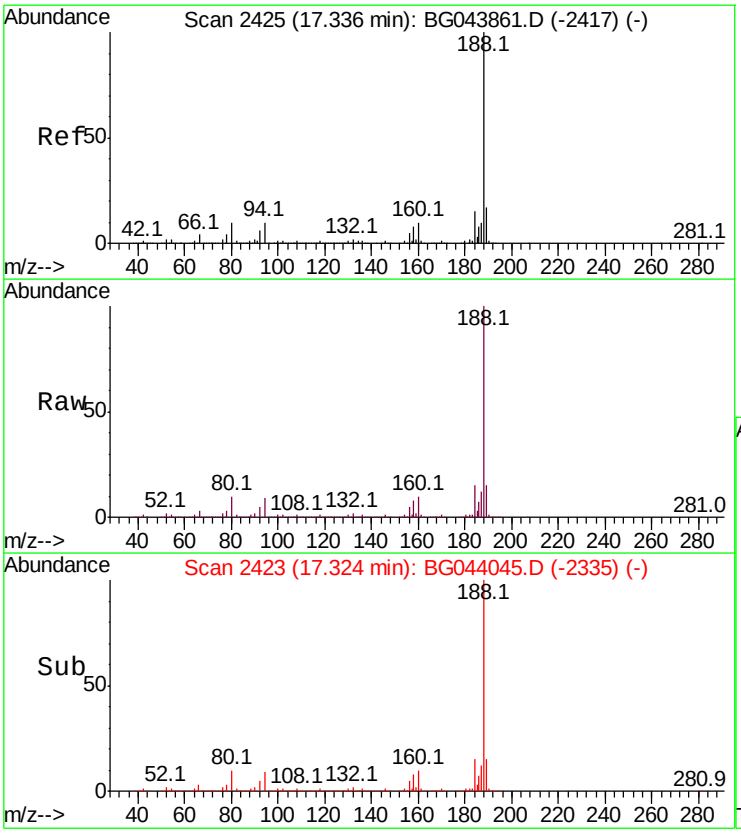
#57
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.37 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 44038

Ion	Ratio	Lower	Upper
165	100		
63	1.5	31.9	47.9#
89	1.6	53.8	80.6#
182	0.0	2.0	3.0#

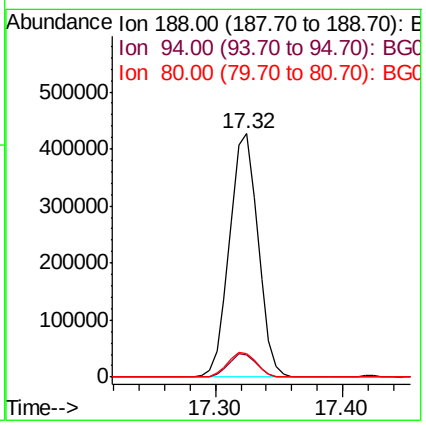


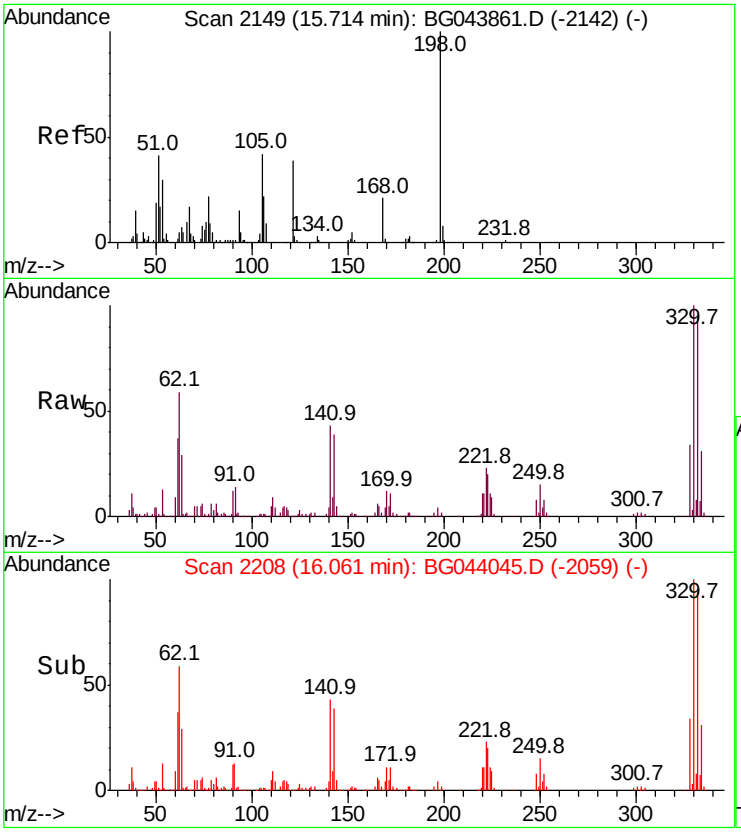


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:188 Resp: 663730

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.8	8.2	12.4



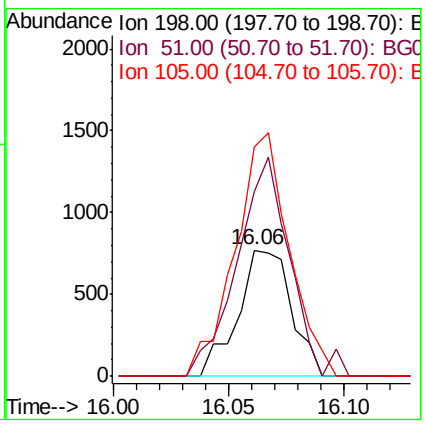


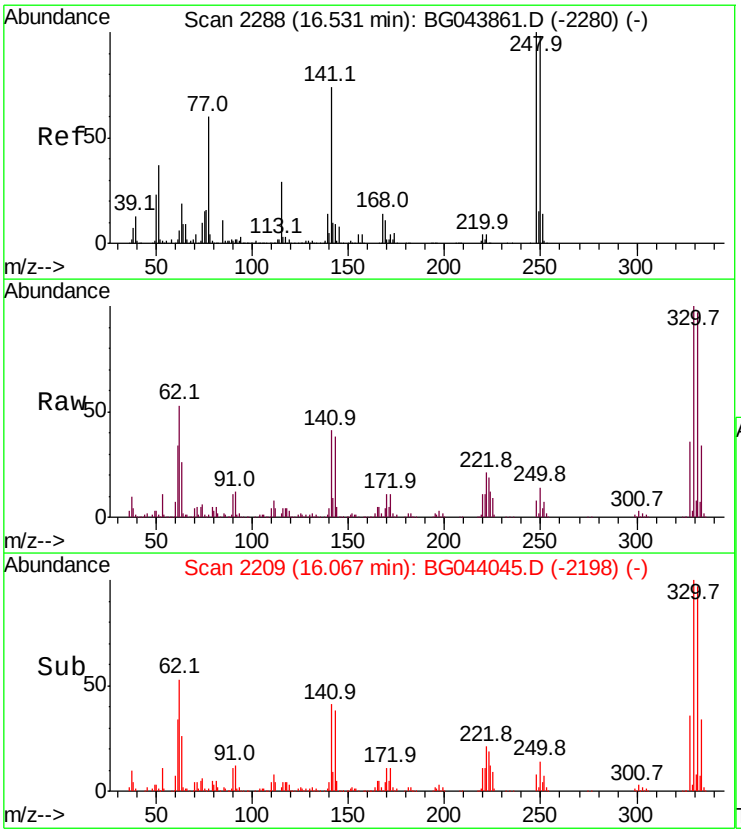
#65
4,6-Dinitro-2-methylphenol
Concen: 4.719 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1240

Ion	Ratio	Lower	Upper
198	100		
51	146.8	22.5	62.5#
105	182.1	22.3	62.3#

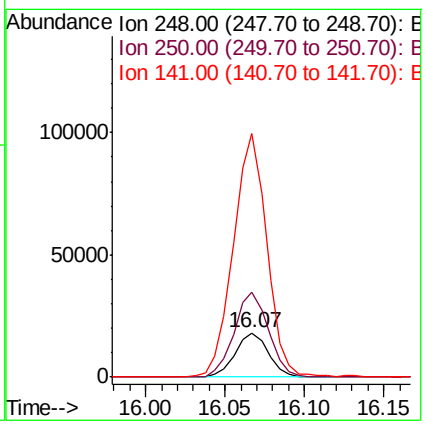


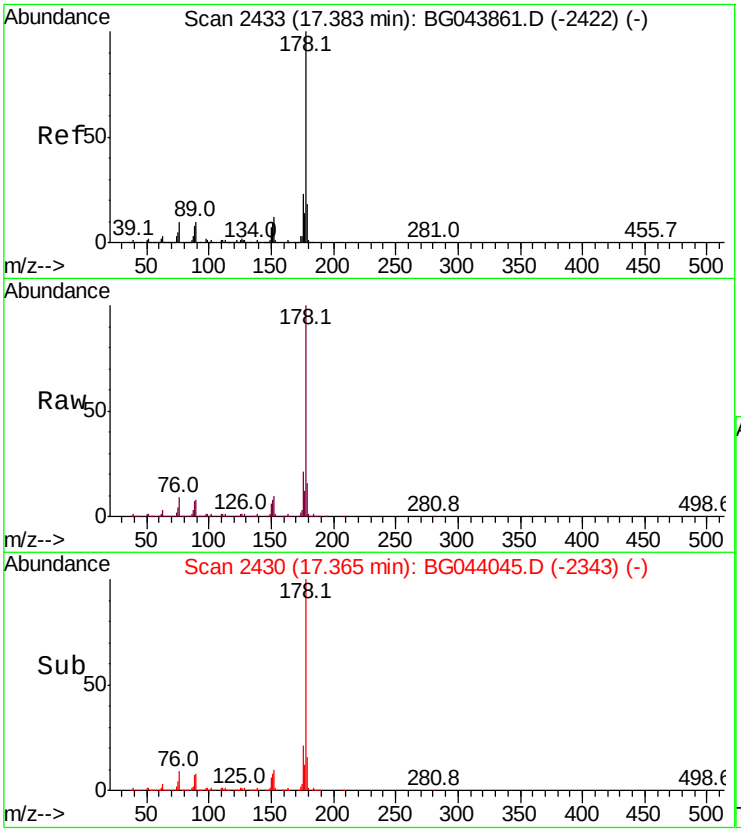


#67
4-Bromophenyl-phenylether
Concen: 3.545 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.46 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:248 Resp: 26460

Ion	Ratio	Lower	Upper
248	100		
250	191.7	78.2	117.2#
141	546.3	59.3	88.9#



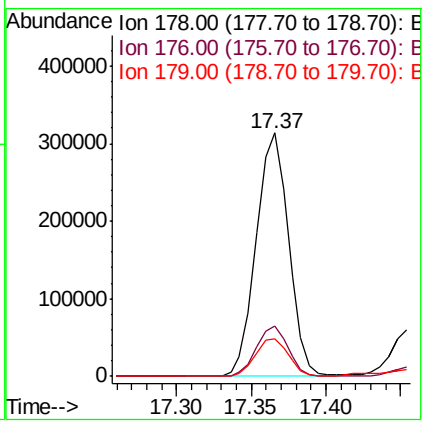


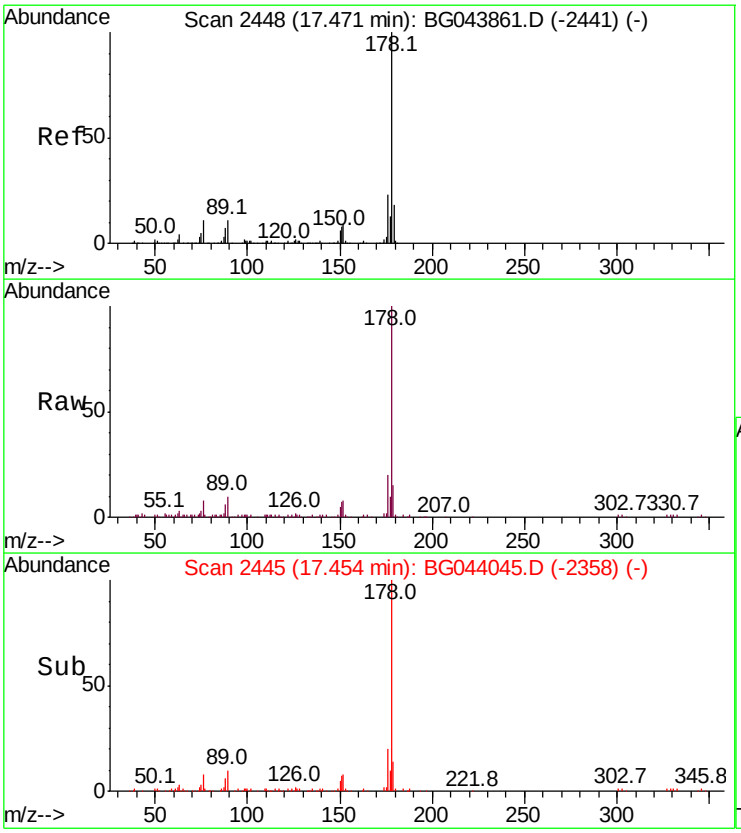
#71
Phenanthrene
Concen: 14.771 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 470241

Ion	Ratio	Lower	Upper
178	100		
176	20.5	18.6	28.0
179	15.7	14.4	21.6

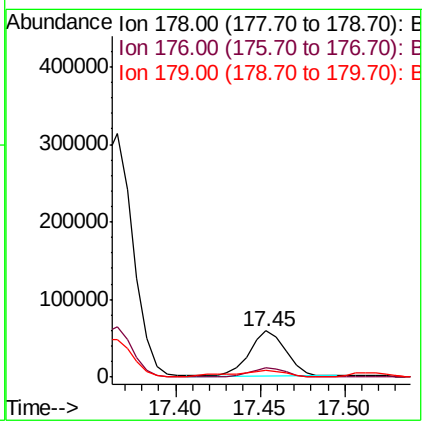


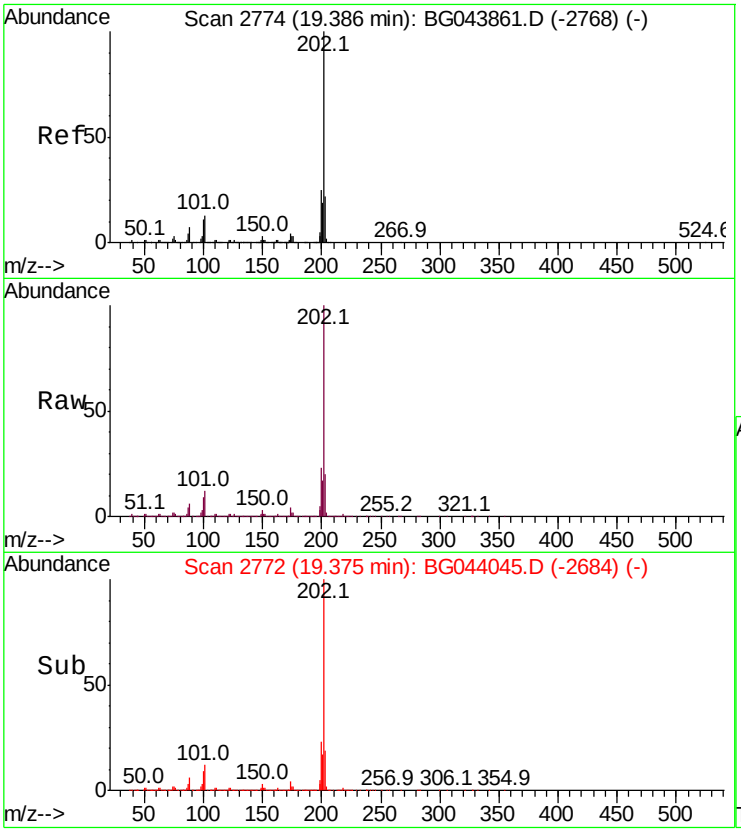


#72
Anthracene
Concen: 2.823 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:178 Resp: 88834

Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.3	27.5
179	14.7	14.6	22.0



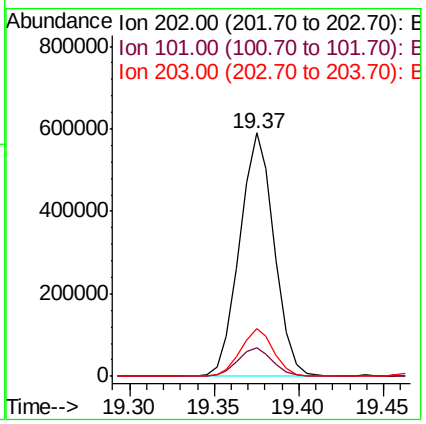


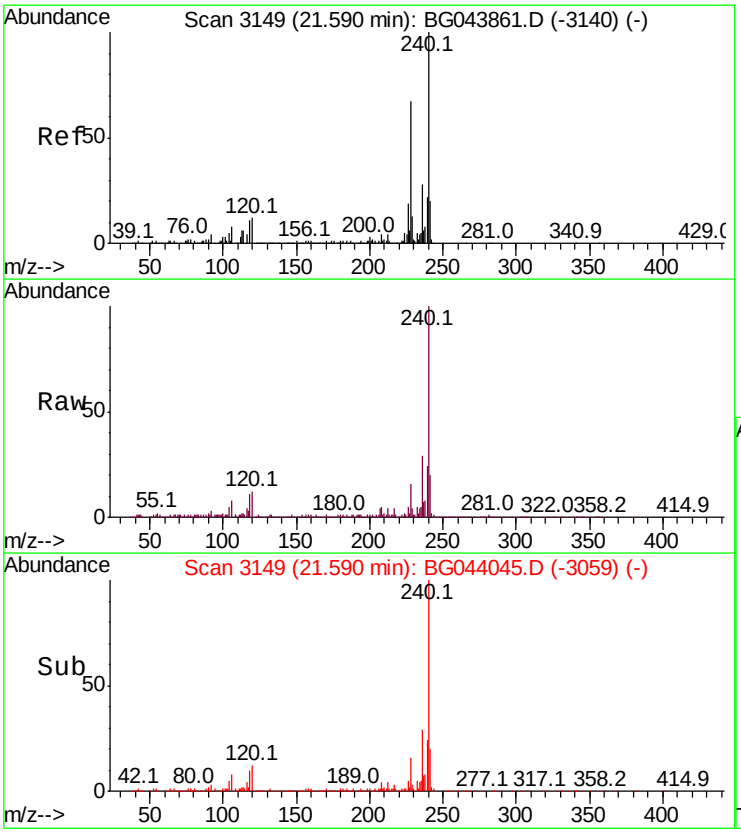
#75
Fluoranthene
Concen: 23.010 ng
RT: 19.37 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 837753

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.3
203	19.5	1.6	41.6

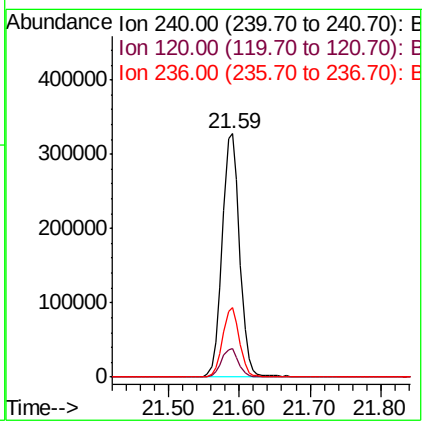


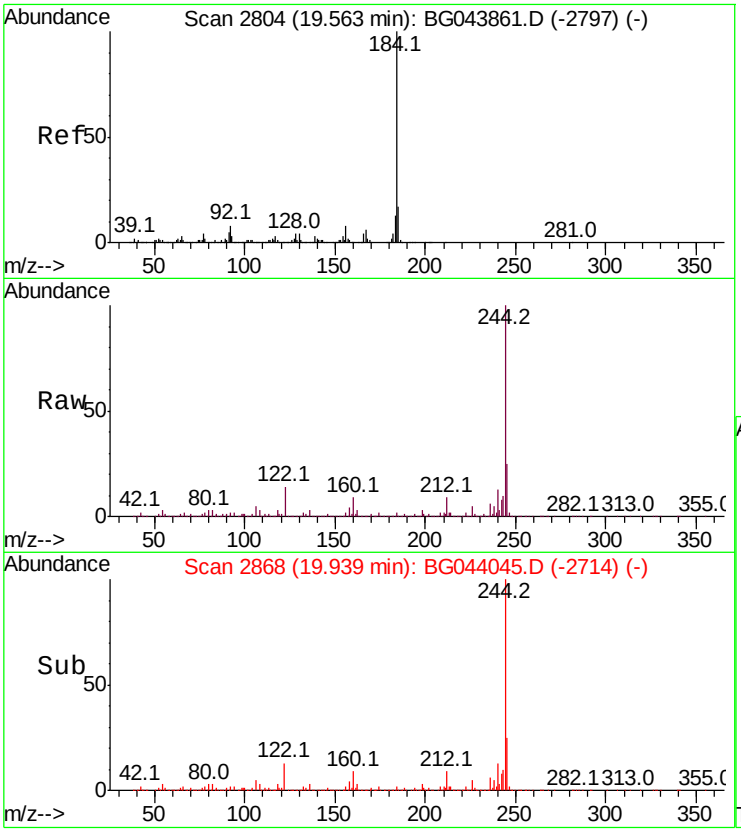


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:240 Resp: 561869

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	28.8	22.2	33.2



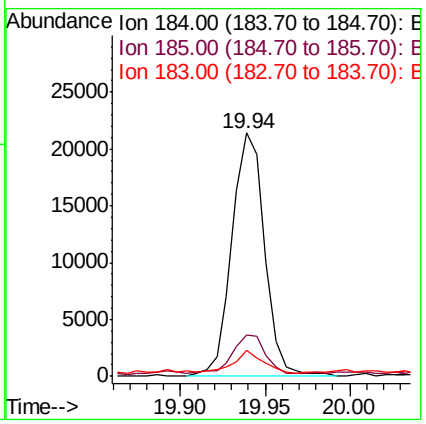


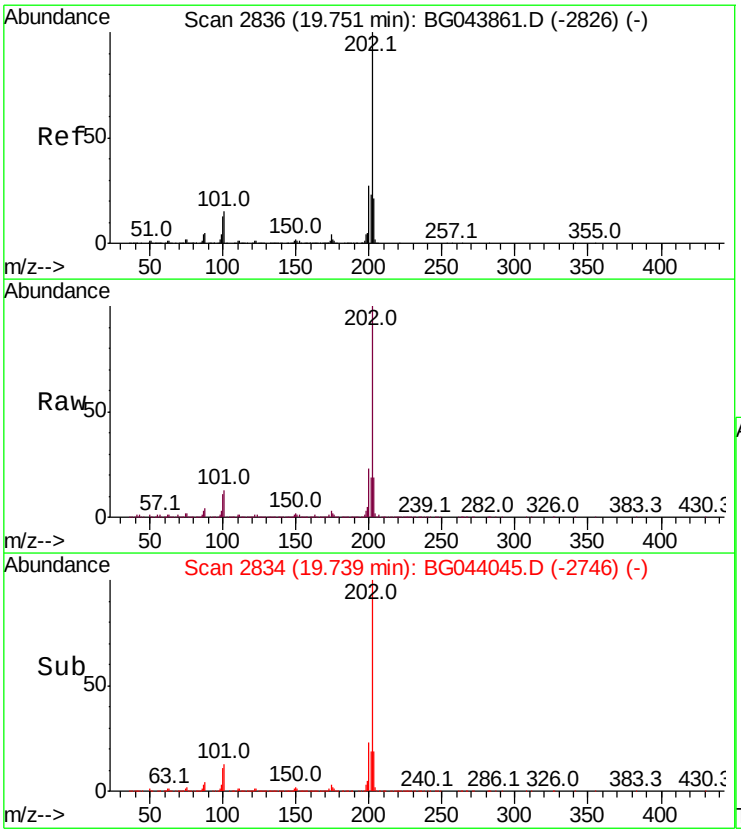
#77
Benzidine
Concen: 2.048 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28925

Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.4	20.0
183	10.7	10.6	15.8

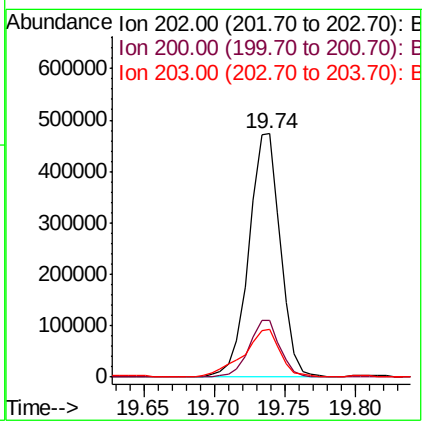


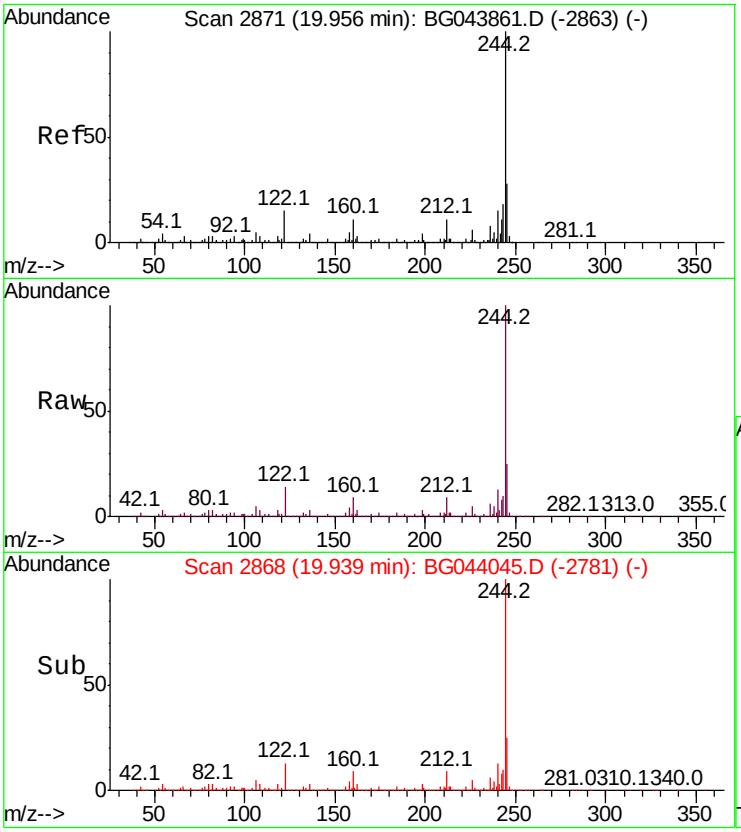


#78
Pyrene
Concen: 20.238 ng
RT: 19.74 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:202 Resp: 742232

Ion	Ratio	Lower	Upper
202	100		
200	23.3	21.7	32.5
203	19.4	17.0	25.6



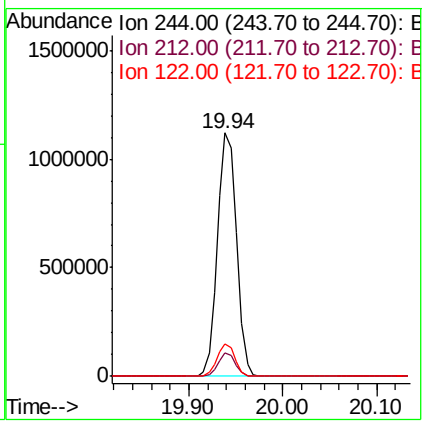


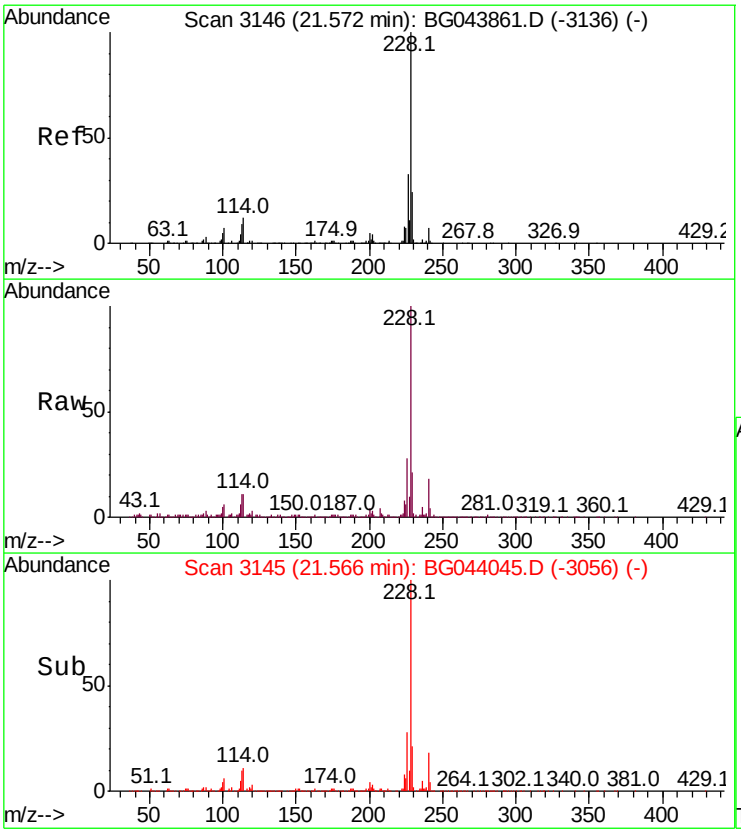
#79
Terphenyl-d14
Concen: 63.574 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1592836

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	13.0
122	13.5	11.9	17.9

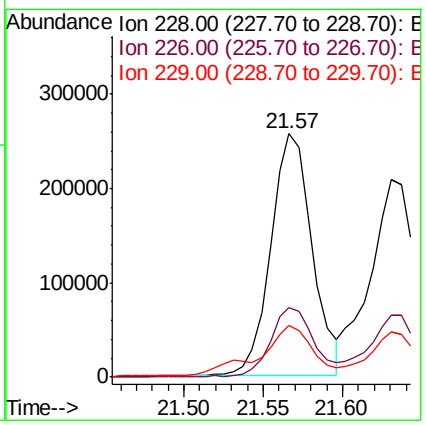


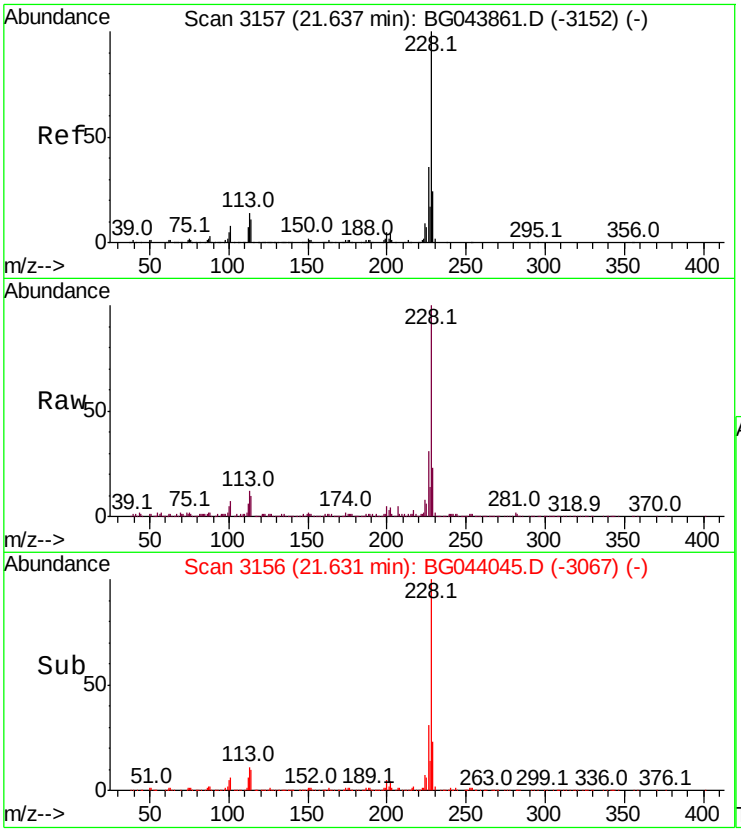


#81
Benzo(a)anthracene
Concen: 13.374 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:228 Resp: 465953

Ion	Ratio	Lower	Upper
228	100		
226	28.3	26.2	39.4
229	21.2	18.9	28.3



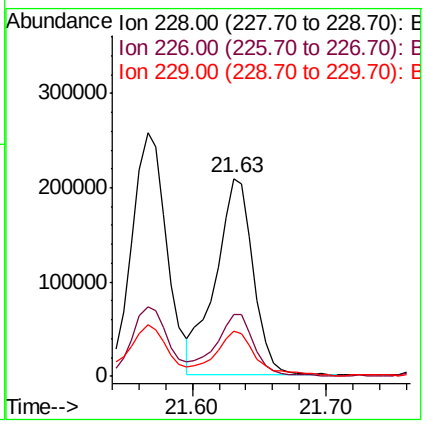


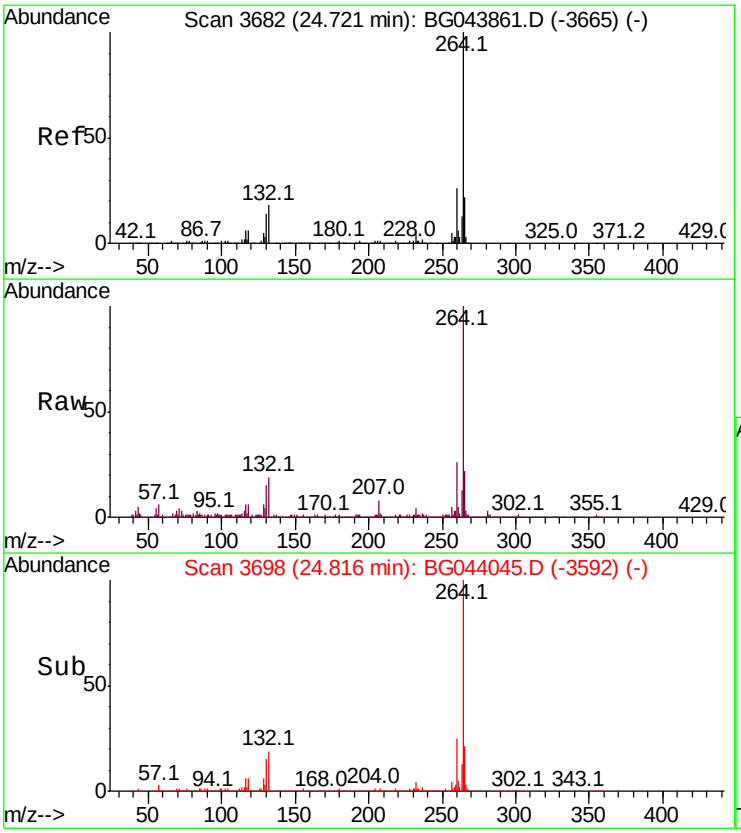
#83
Chrysene
Concen: 12.380 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 409828

Ion	Ratio	Lower	Upper
228	100		
226	31.3	28.8	43.2
229	22.9	19.0	28.6

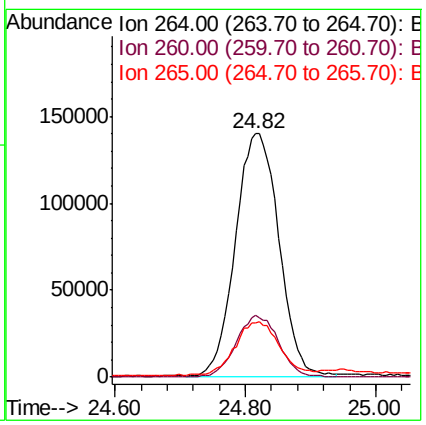


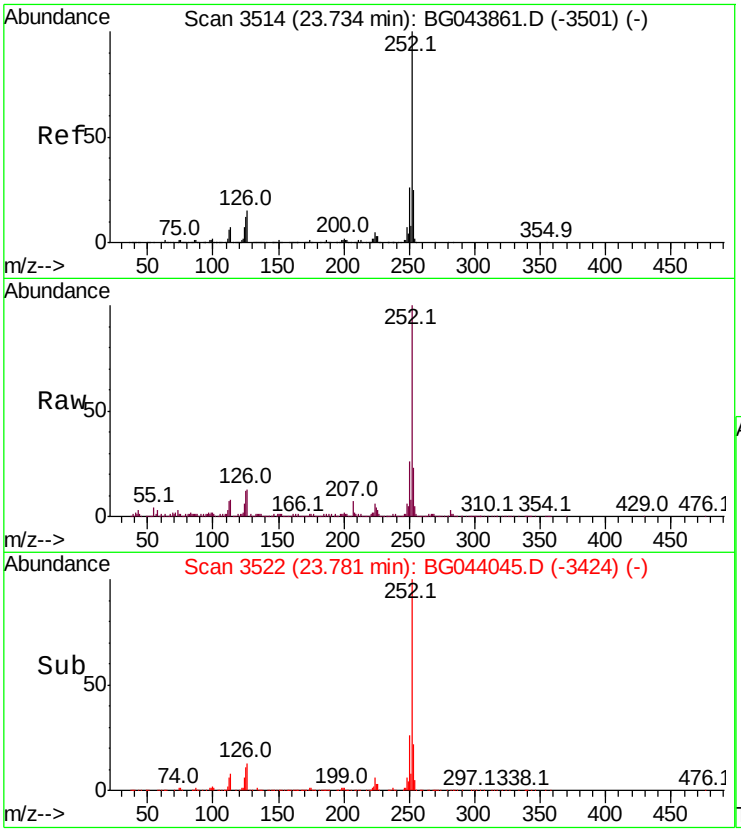


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. 0.09 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:264 Resp: 641646

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	22.2	17.4	26.2



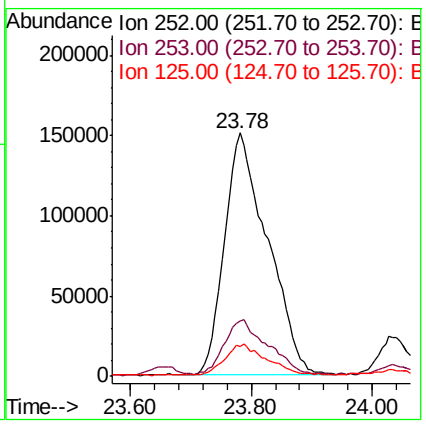


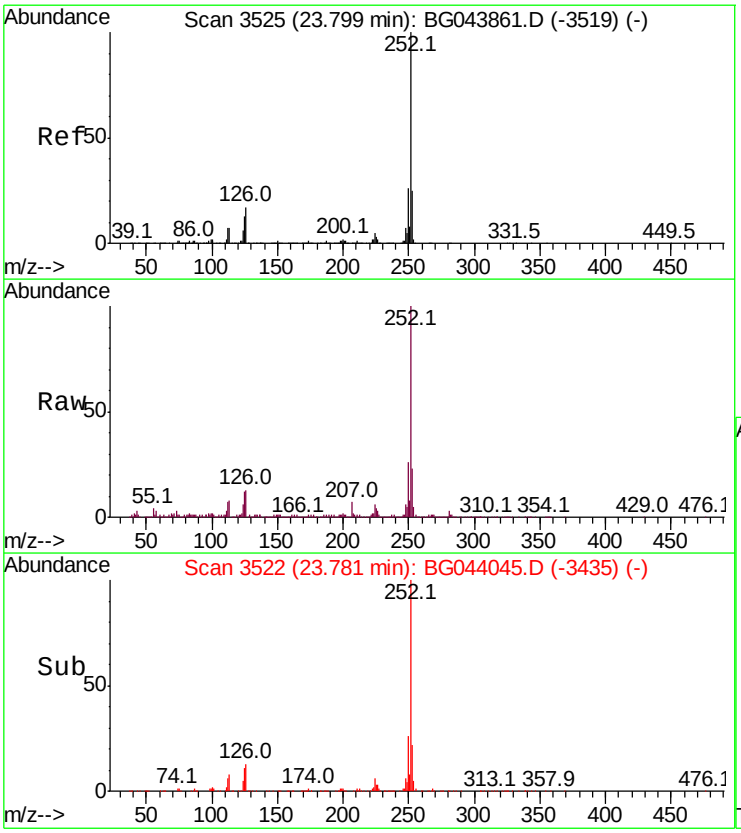
#88
Benzo(b)fluoranthene
Concen: 19.641 ng
RT: 23.78 min Scan# 3522
Delta R.T. 0.05 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 745033

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.7	29.5
125	12.1	9.4	14.2

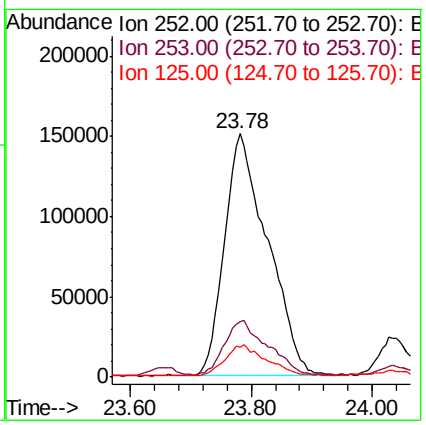


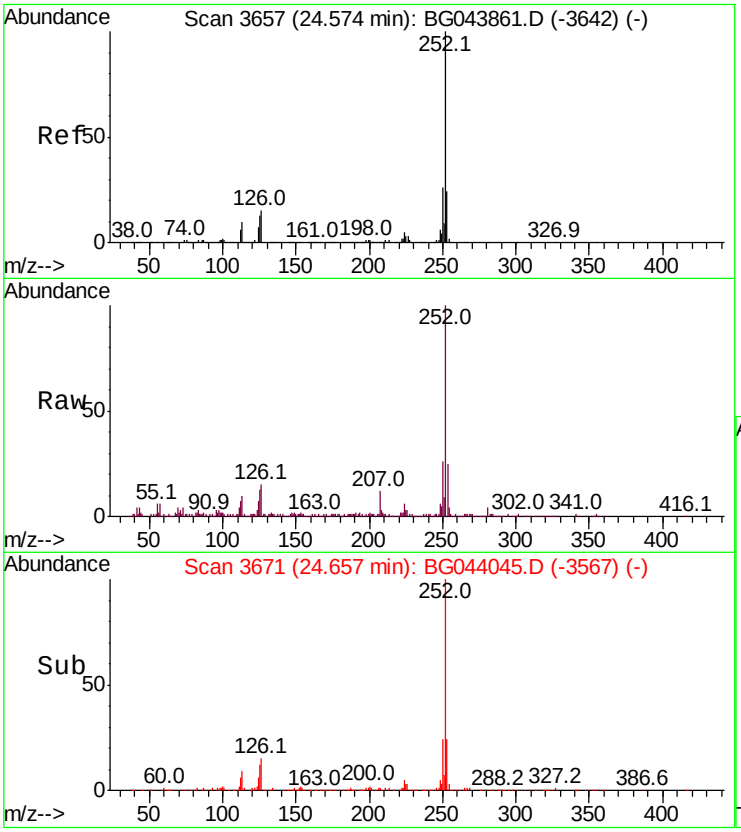


#89
Benzo(k)fluoranthene
Concen: 20.654 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.02 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:252 Resp: 745033

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	12.1	9.9	14.9



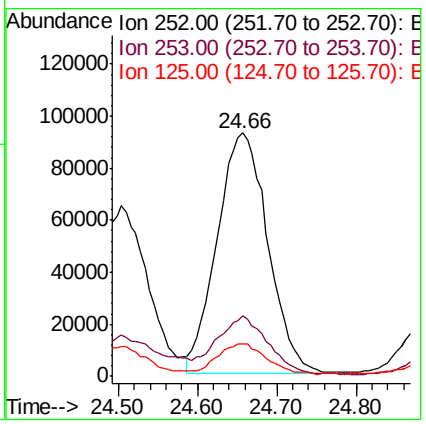


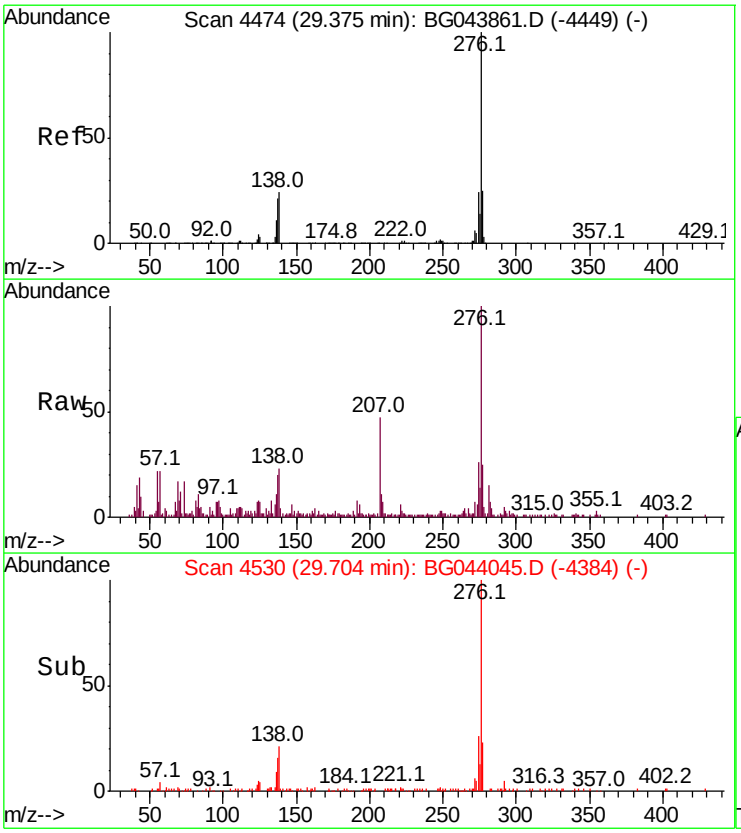
#90
Benzo(a)pyrene
Concen: 11.459 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.08 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 410253

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	13.1	10.4	15.6





#92
Benzo(g,h,i)perylene
Concen: 3.001 ng
RT: 29.70 min Scan# 4530
Delta R.T. 0.33 min
Lab File: BG044045.D
Acq: 14 Jan 2020 20:44

Tgt Ion:276 Resp: 107186

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.4
138	22.7	19.0	28.6