Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043958.D
Acq On : 7 Jan 2020 17:35
Operator : JU
Sample : K6463-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 07 18:11:03 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	7.96	152	175158	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	716088	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	423345	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	818982	20.00	ng		0.00
76) Chrysene-d12	21.59	240	692272	20.00	ng		0.00
87) Perylene-d12	24.72	264	787957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1019720	106.89	ng		0.00
7) Phenol-d6	7.13	99	1420584	106.53	ng		0.00
23) Nitrobenzene-d5	9.12	82	850390	63.53	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	423914	95.69	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1497161	64.07	ng		0.00
79) Terphenyl-d14	19.95	244	1728370	53.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.16	94	41292	3.005	ng		97
19) n-Nitroso-di-n-propylamine	9.12	70	114335	11.514	ng	#	78
32) Benzoic acid	10.25	122	69	6.270	ng	#	1
50) Dimethylphthalate	14.05	163	159062	5.292	ng	#	98
57) 2,4-Dinitrotoluene	14.59	165	55913	6.048	ng	#	27
65) 4,6-Dinitro-2-methylphenol	15.84	198	59	4.402	ng	#	1
67) 4-Bromophenyl-phenylether	16.08	248	31730	3.445	ng	#	1
71) Phenanthrene	17.38	178	456812	11.629	ng		96
72) Anthracene	17.46	178	100147	2.580	ng		95
75) Fluoranthene	19.39	202	789345	17.570	ng		95
78) Pyrene	19.74	202	723798	16.018	ng		94
81) Benzo(a)anthracene	21.57	228	359028	8.364	ng		96
83) Chrysene	21.63	228	312870	7.671	ng		96
86) Indeno(1,2,3-cd)pyrene	28.26	276	172402	3.110	ng		93
88) Benzo(b)fluoranthene	23.73	252	419161	8.998	ng		98
89) Benzo(k)fluoranthene	23.73	252	419161	9.463	ng		98
90) Benzo(a)pyrene	24.57	252	321693	7.317	ng		98
92) Benzo(g,h,i)perylene	29.37	276	159229	3.630	ng		96

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

Quantitation Report (Not Reviewed)

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Data File : BG043958.D
Acq On : 7 Jan 2020 17:35
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ALS Vial : 4 Sample Multiplier: 1

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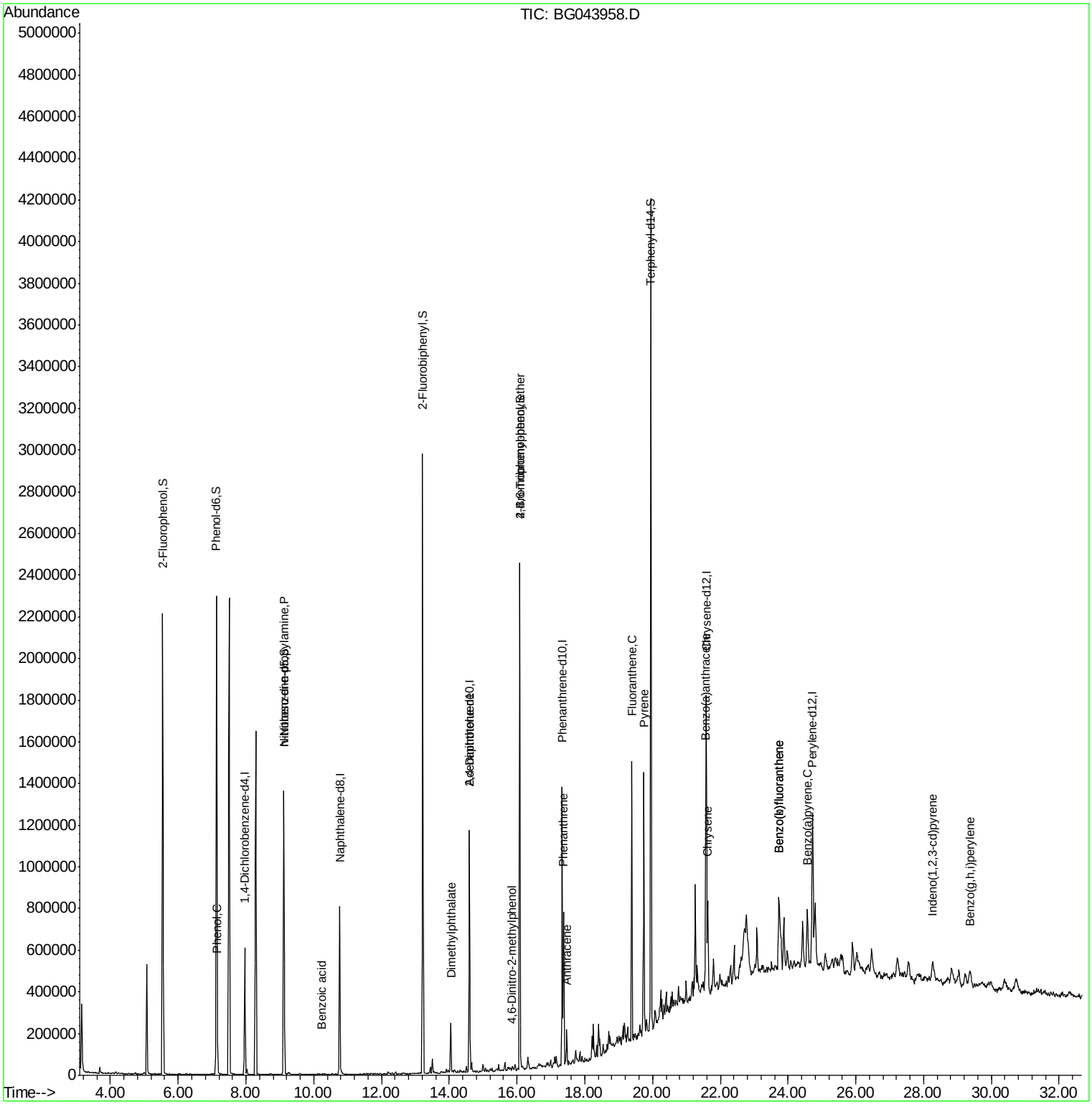
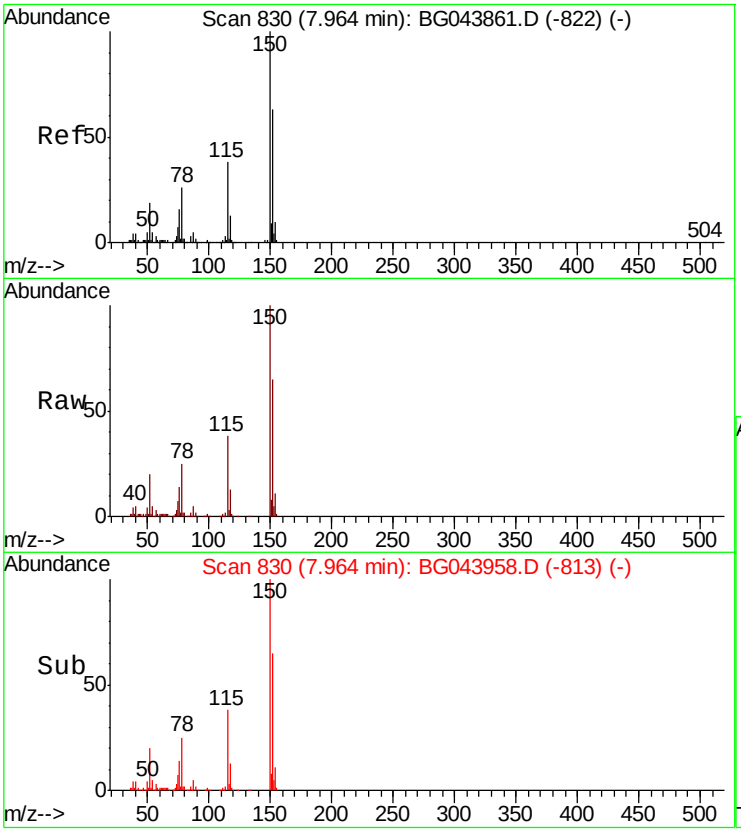
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



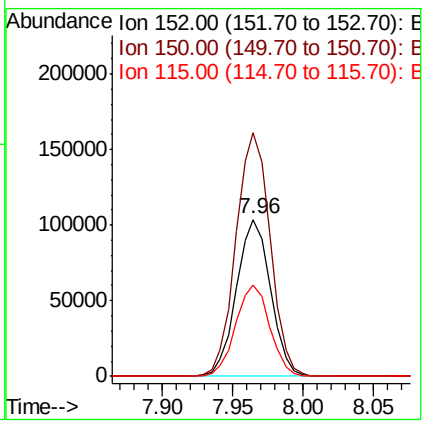


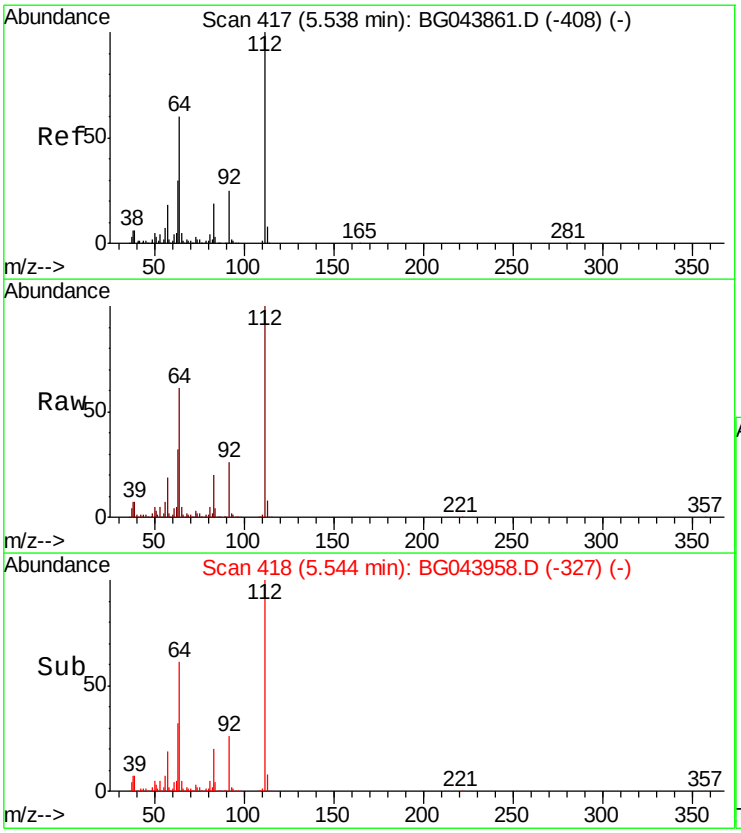
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 175158

Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.4
115	58.1	47.8	71.8

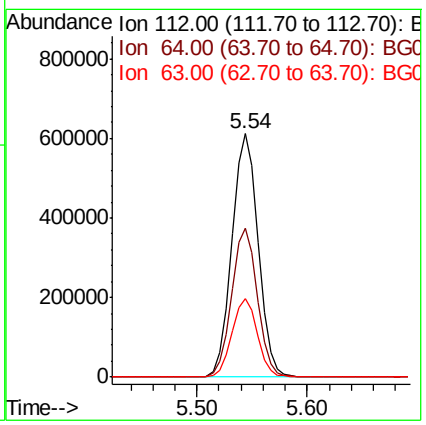


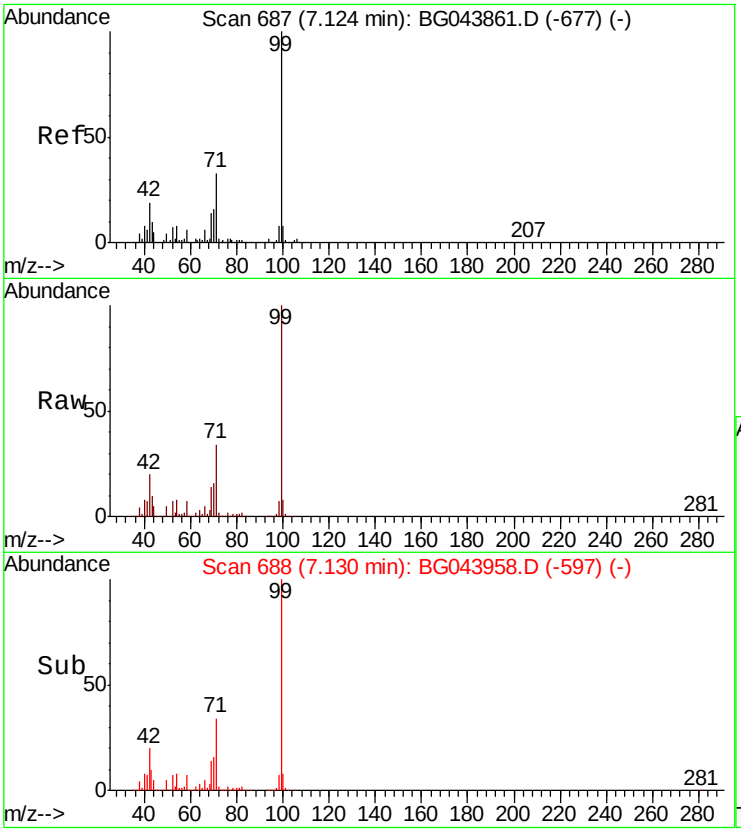


#5
2-Fluorophenol
Concen: 106.894 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:112 Resp: 1019720

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.8	71.6
63	32.4	24.3	36.5



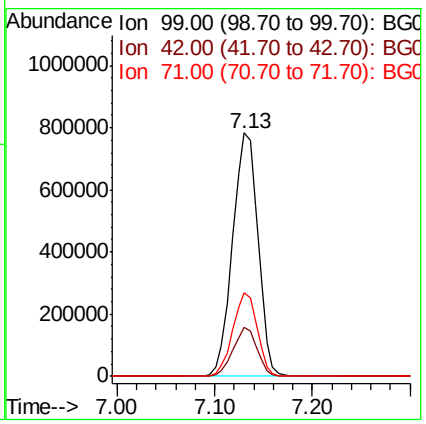


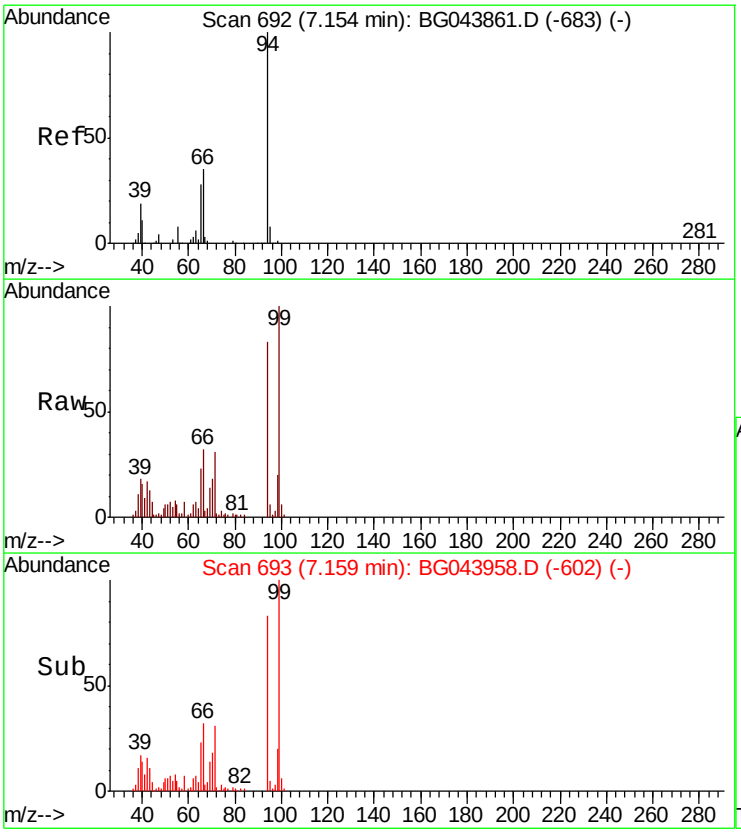
#7
Phenol-d6
Concen: 106.534 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1420584

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.9	22.3
71	34.2	26.4	39.6

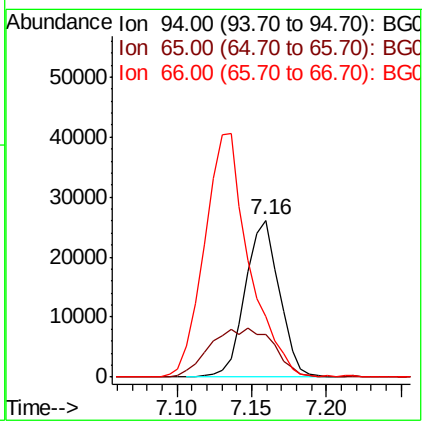


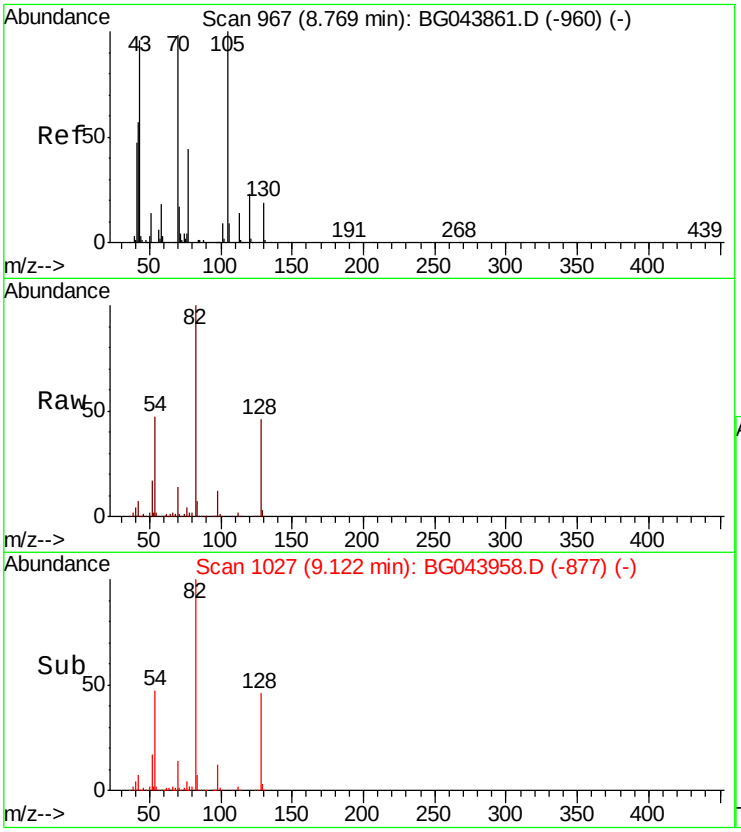


#10
Phenol
Concen: 3.005 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion: 94 Resp: 41292

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	38.3	15.6	55.6



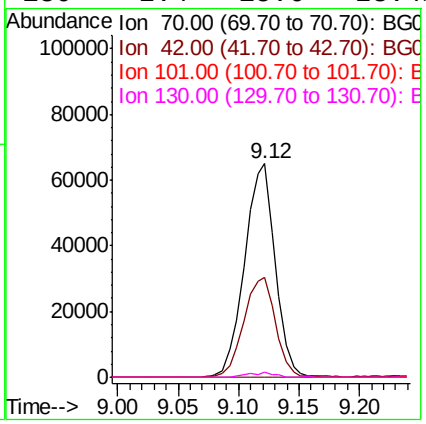


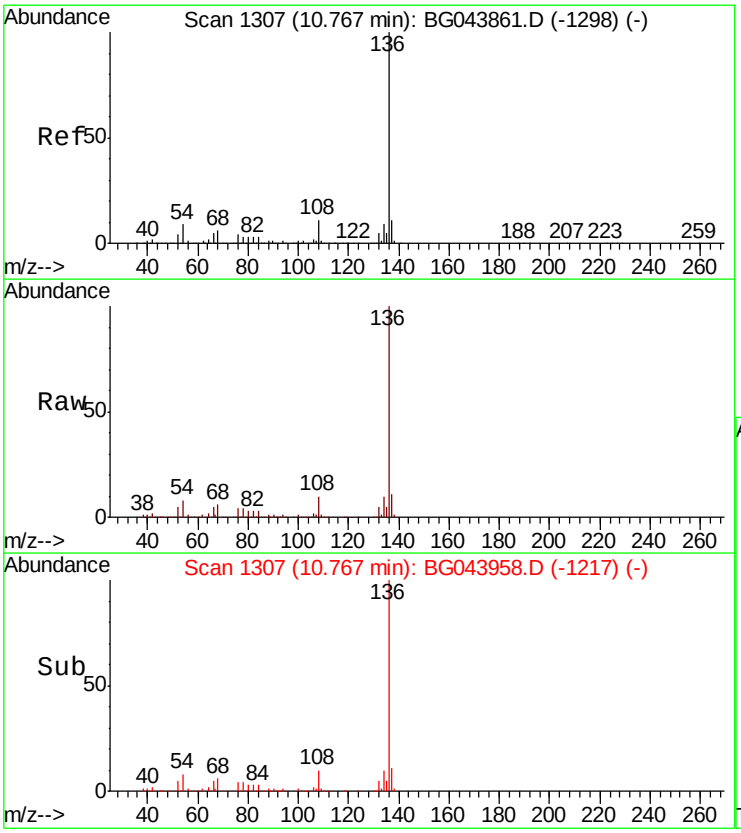
#19
n-Nitroso-di-n-propylamine
Concen: 11.514 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 114335

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.0	70.4#
101	0.0	7.2	10.8#
130	2.4	15.6	23.4#

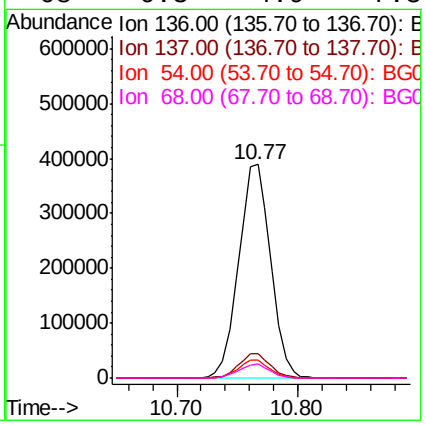


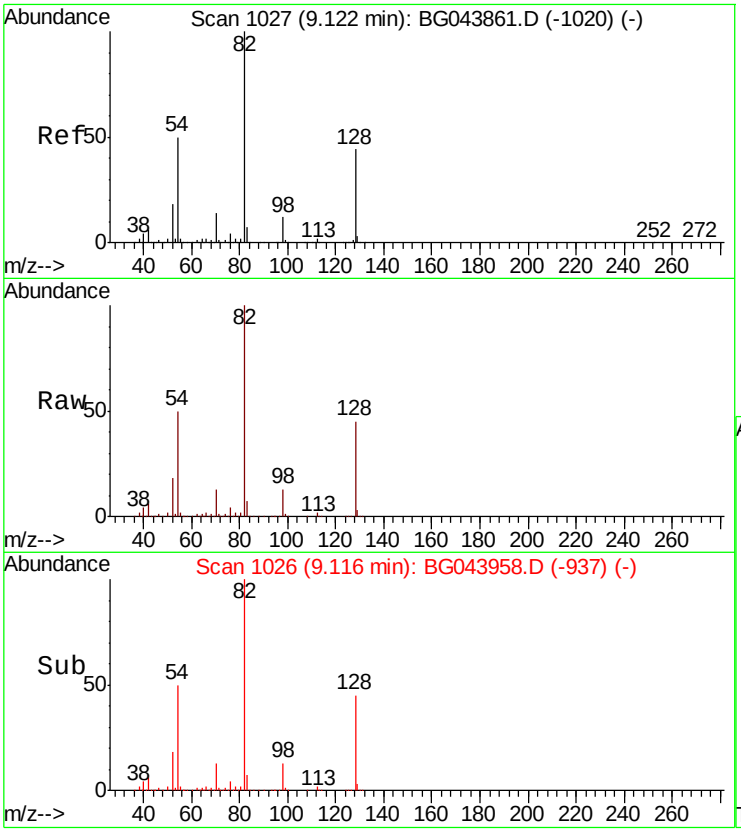


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:136 Resp: 716088

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.4	7.0	10.4
68	6.3	4.9	7.3



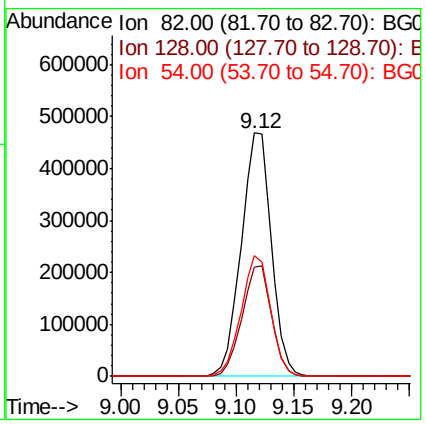


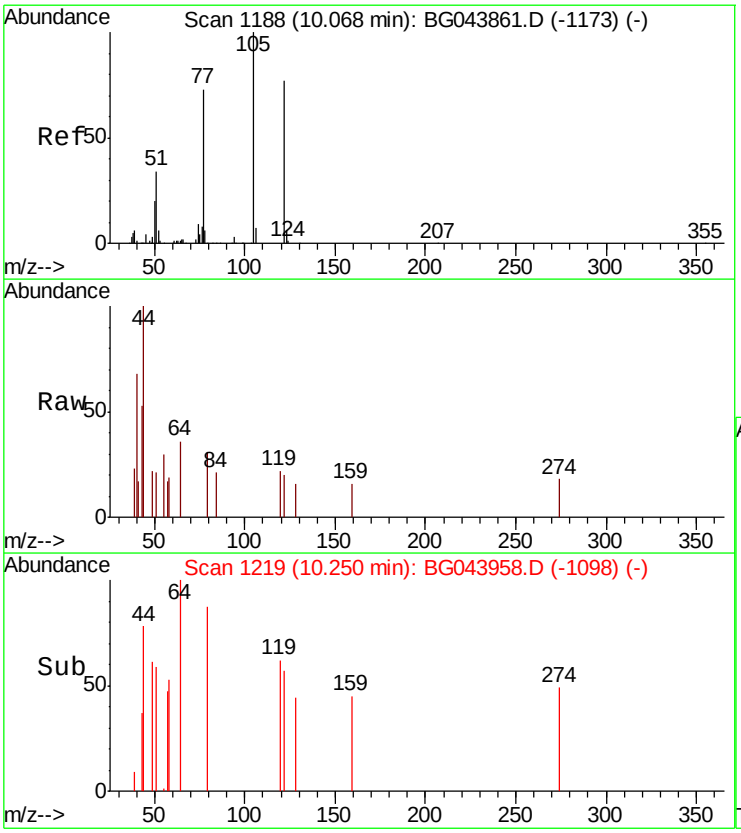
#23
Nitrobenzene-d5
Concen: 63.529 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 850390

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	49.8	40.1	60.1

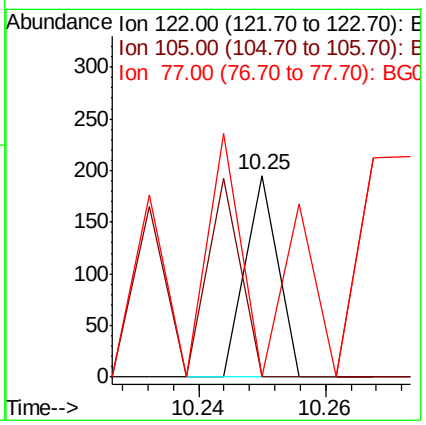


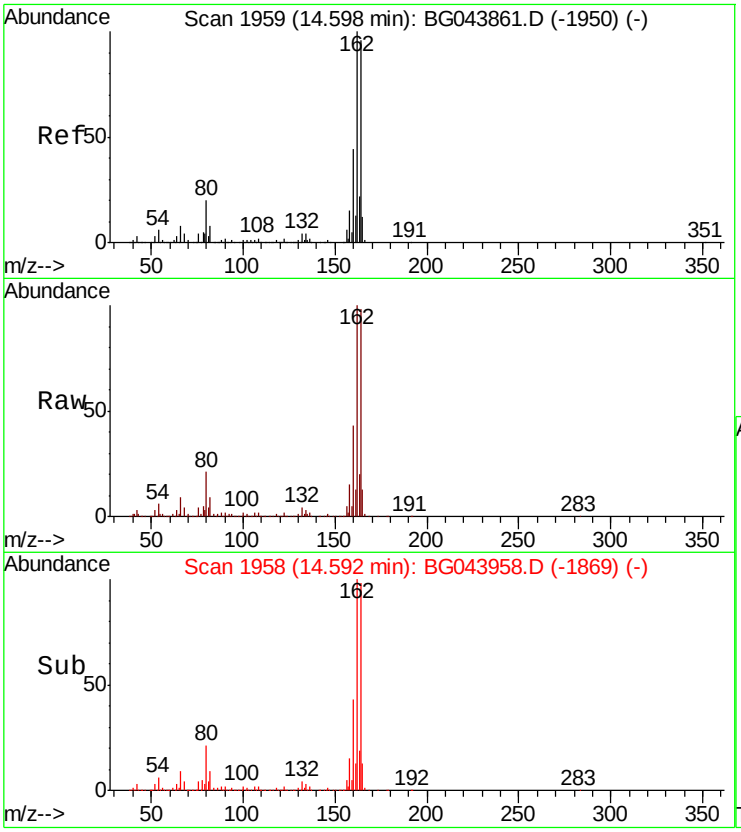


#32
Benzoic acid
Concen: 6.270 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.18 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:122 Resp: 69

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



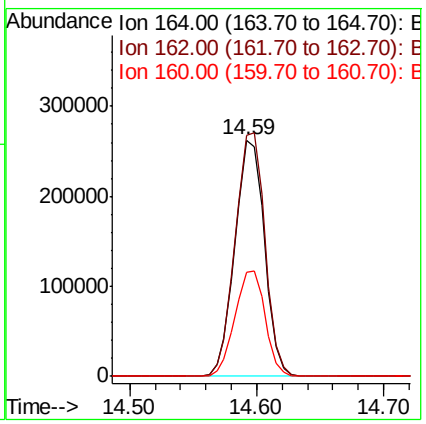


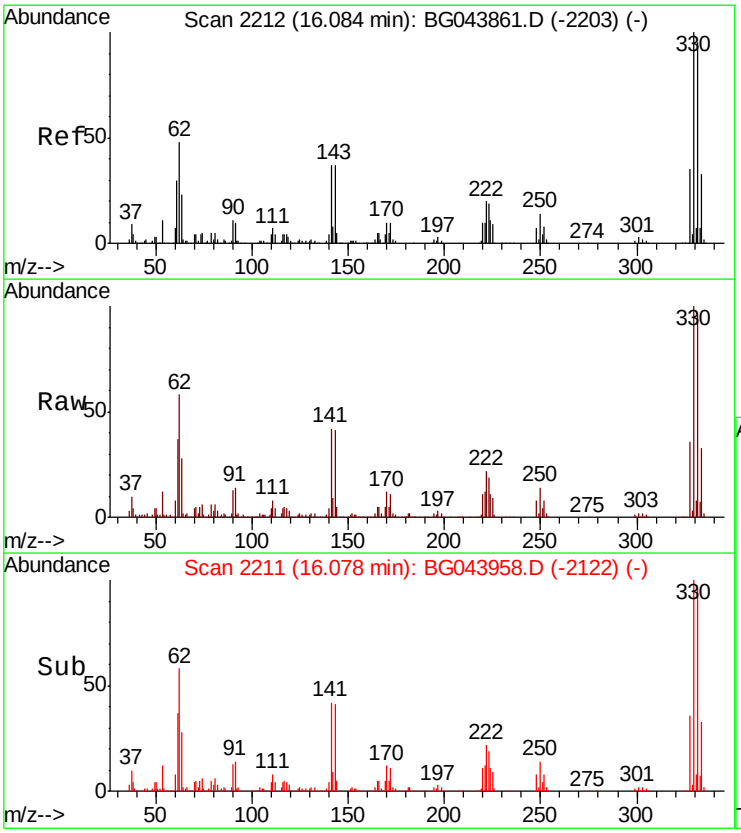
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 423345

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.4
160	44.3	36.1	54.1

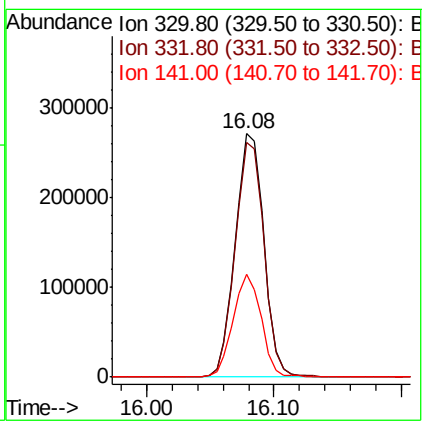


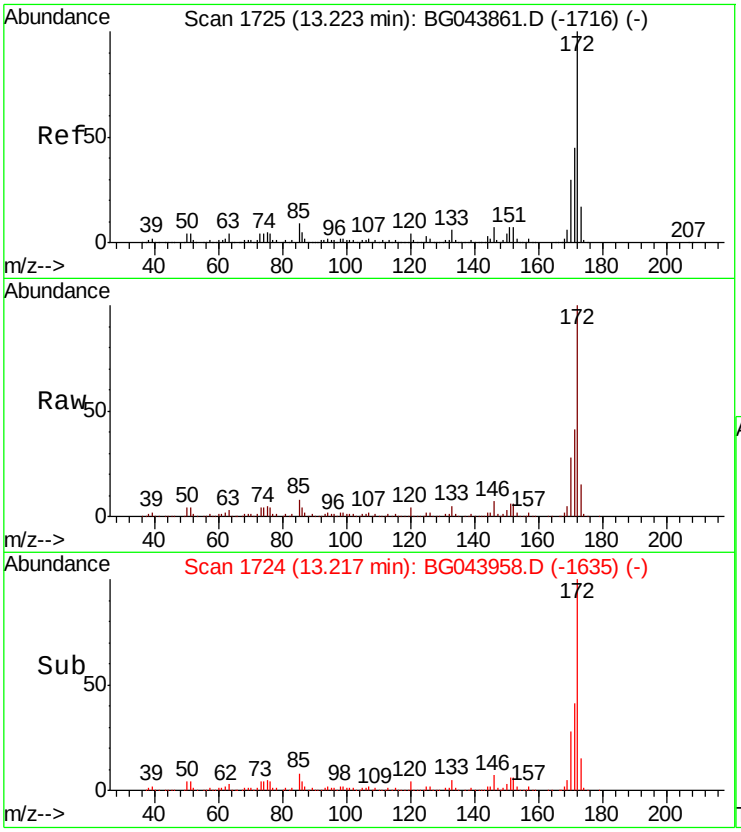


#42
2,4,6-Tribromophenol
Concen: 95.687 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:330 Resp: 423914

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	40.9	33.1	49.7



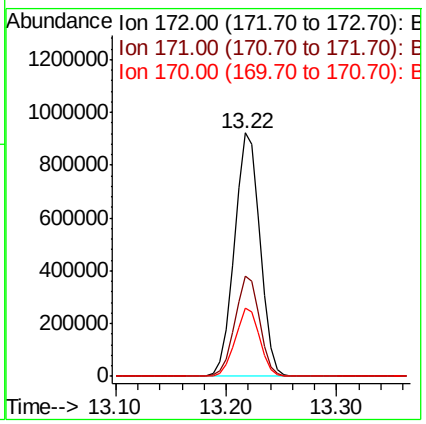


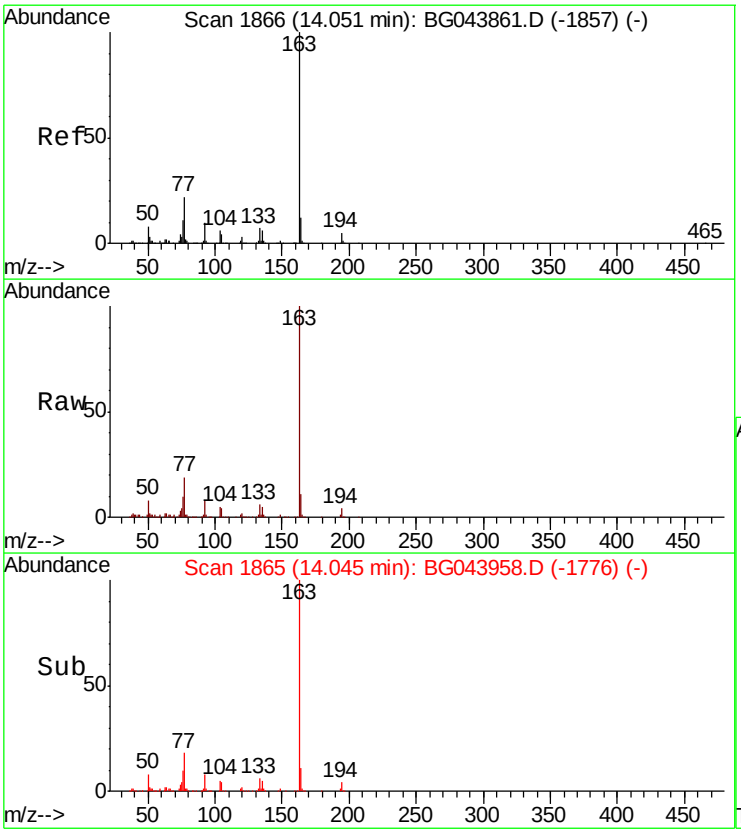
#45
2-Fluorobiphenyl
Concen: 64.073 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1497161

Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.8	53.8
170	28.1	24.2	36.4

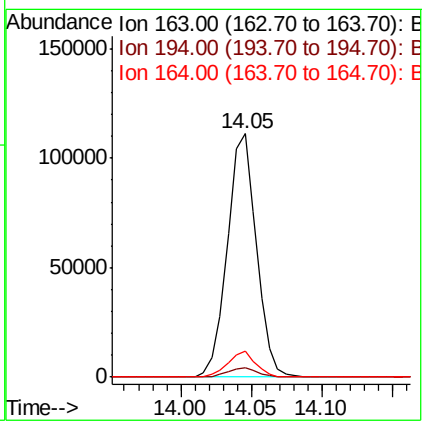


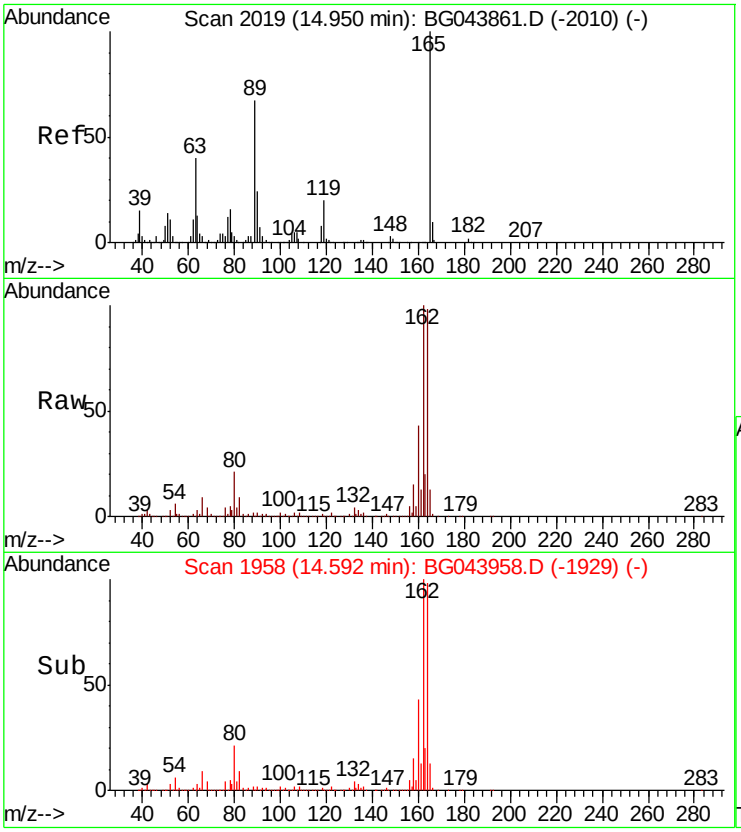


#50
Dimethylphthalate
Concen: 5.292 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:163 Resp: 159062

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5#
164	10.9	9.3	13.9



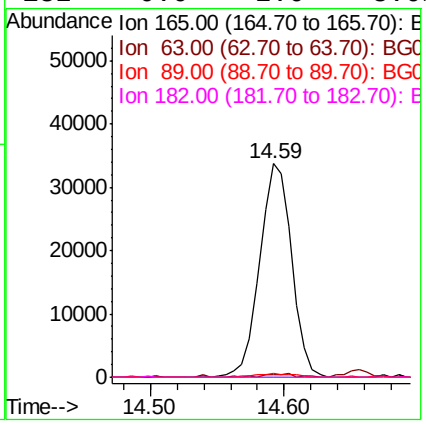


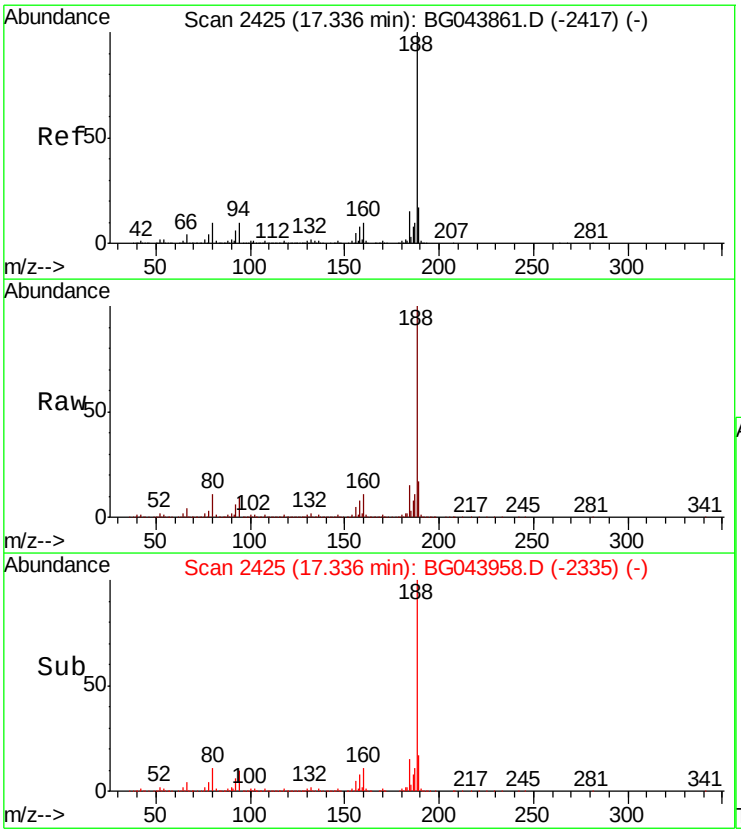
#57
2,4-Dinitrotoluene
Concen: 6.048 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 55913

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

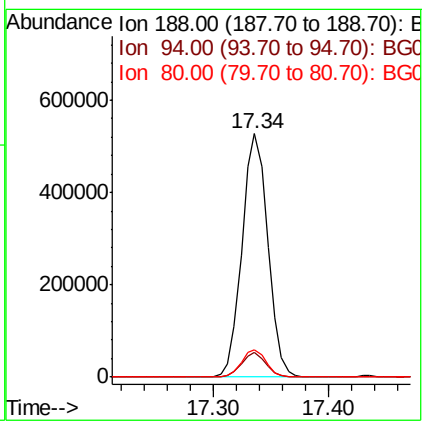


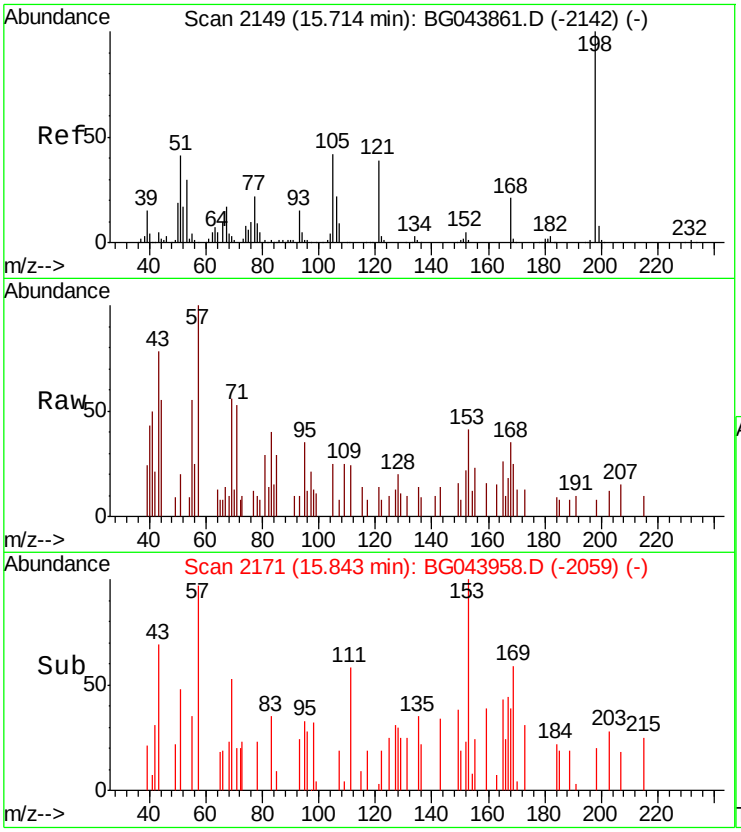


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:188 Resp: 818982

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.9	11.9
80	11.1	8.2	12.4



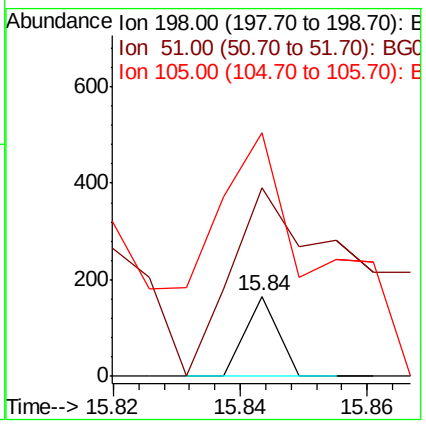


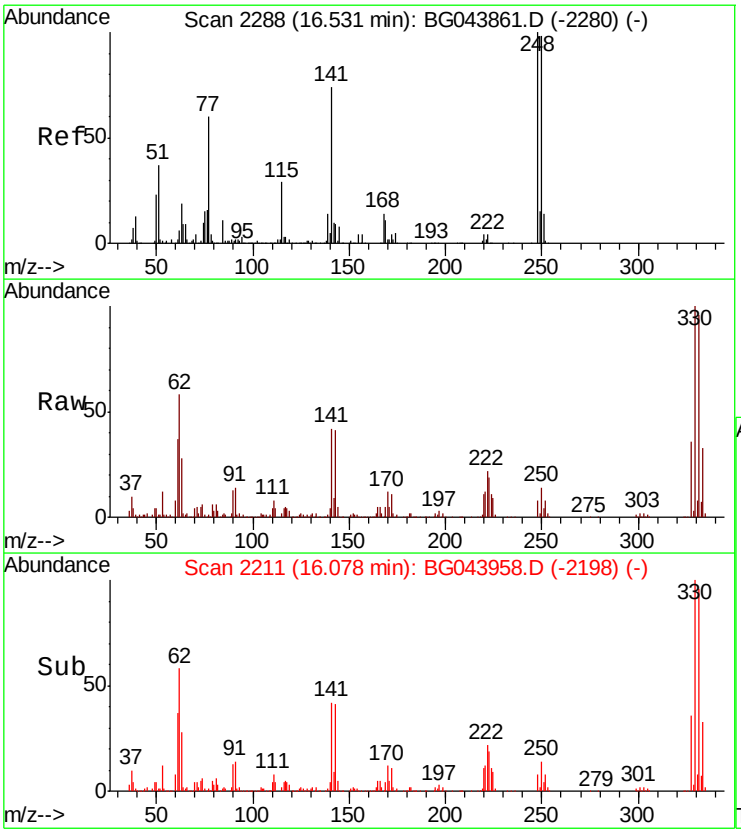
#65
4,6-Dinitro-2-methylphenol
Concen: 4.402 ng
RT: 15.84 min Scan# 2171
Delta R.T. 0.13 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 59

Ion	Ratio	Lower	Upper
198	100		
51	234.9	22.5	62.5#
105	303.6	22.3	62.3#

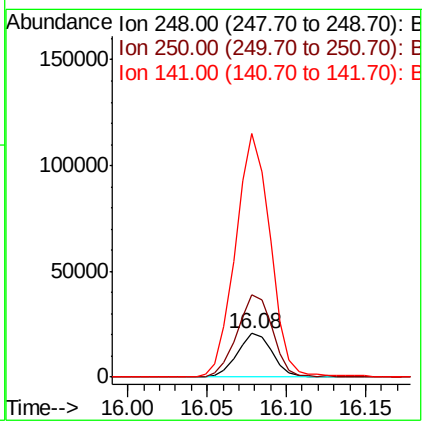


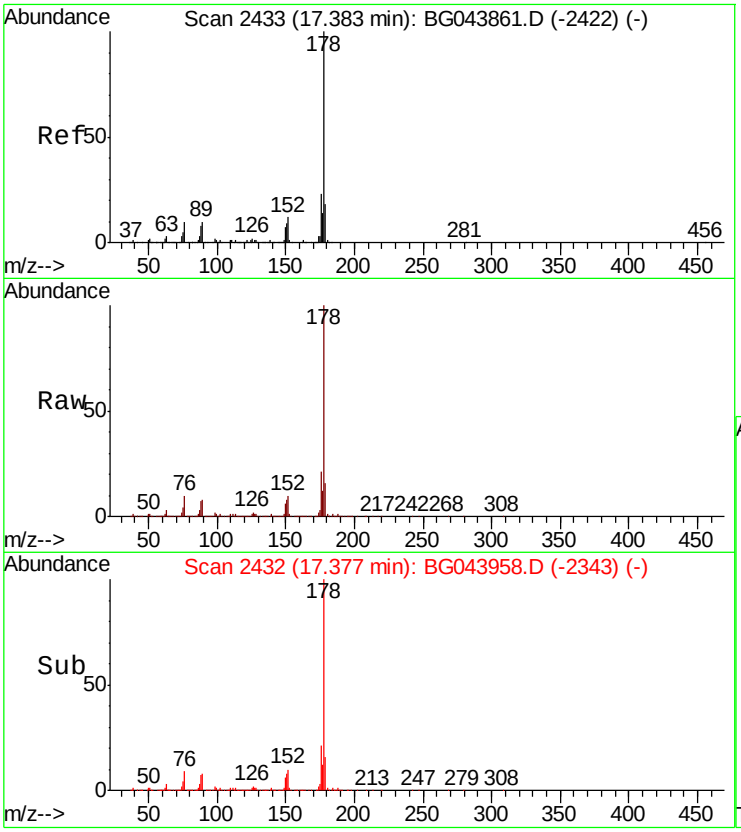


#67
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.45 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:248 Resp: 31730

Ion	Ratio	Lower	Upper
248	100		
250	188.5	78.2	117.2#
141	554.9	59.3	88.9#



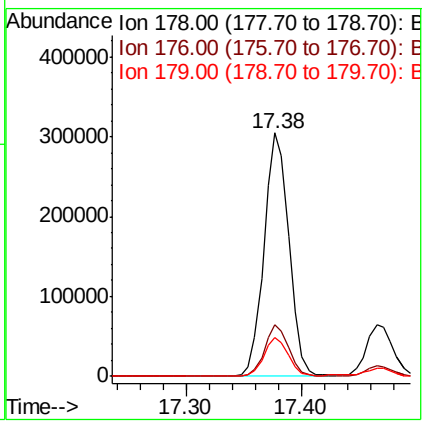


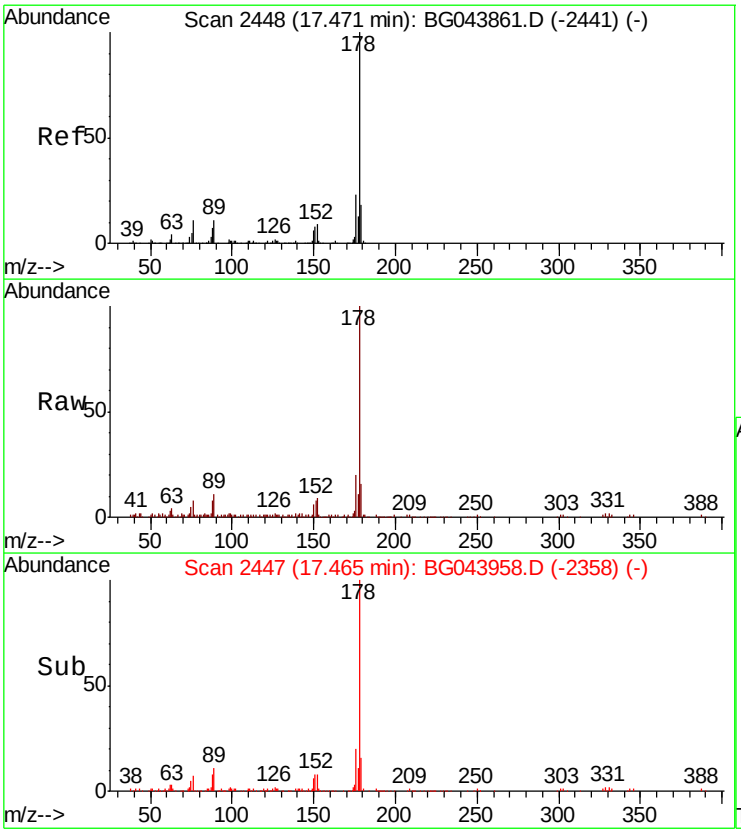
#71
Phenanthrene
Concen: 11.629 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 456812

Ion	Ratio	Lower	Upper
178	100		
176	21.3	18.6	28.0
179	15.8	14.4	21.6

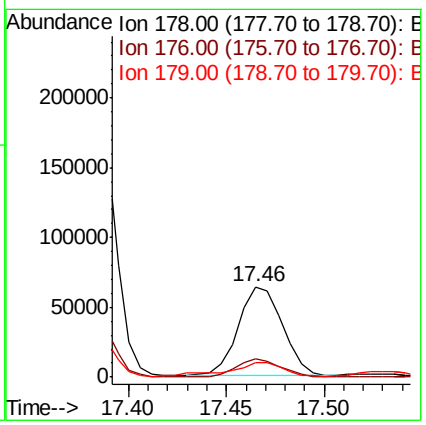


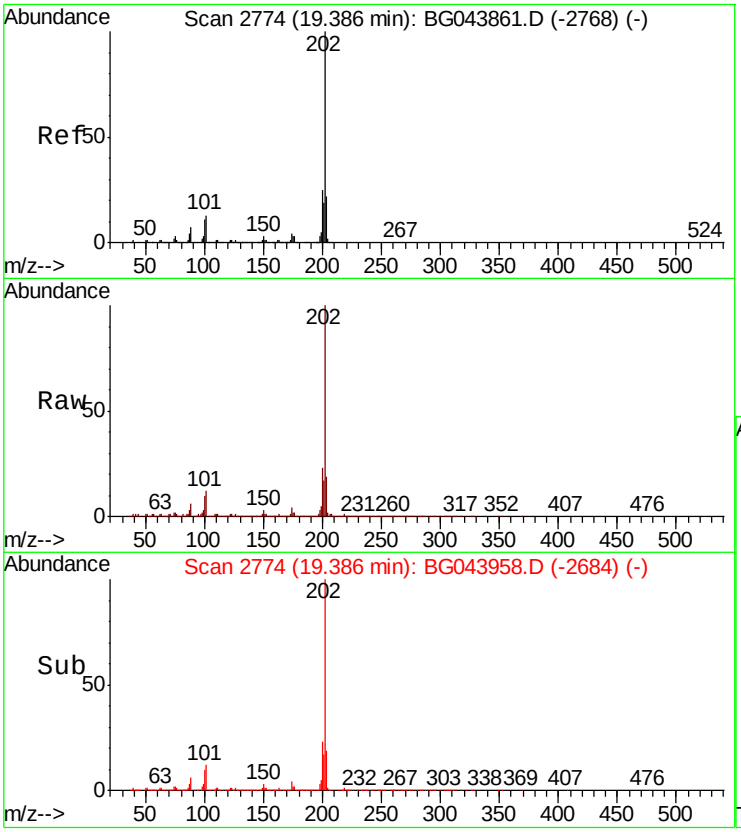


#72
Anthracene
Concen: 2.580 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:178 Resp: 100147

Ion	Ratio	Lower	Upper
178	100		
176	20.3	18.3	27.5
179	16.5	14.6	22.0



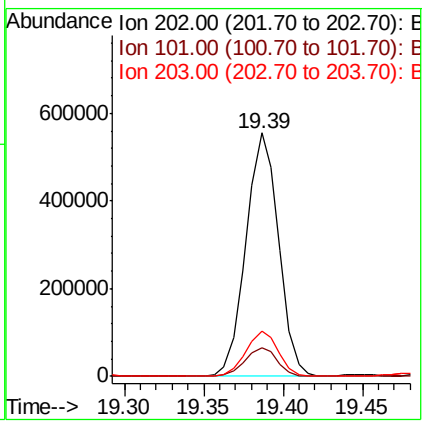


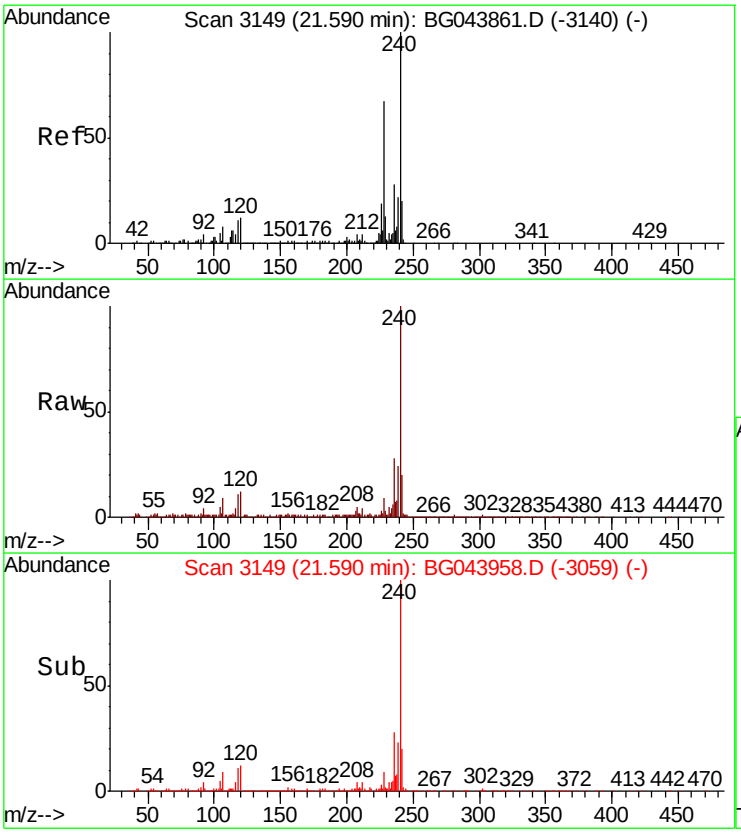
#75
Fluoranthene
Concen: 17.570 ng
RT: 19.39 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 789345

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.3
203	18.7	1.6	41.6

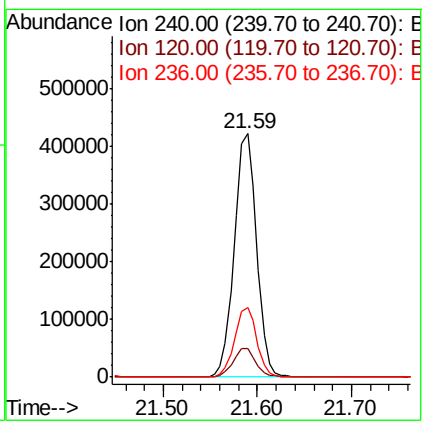


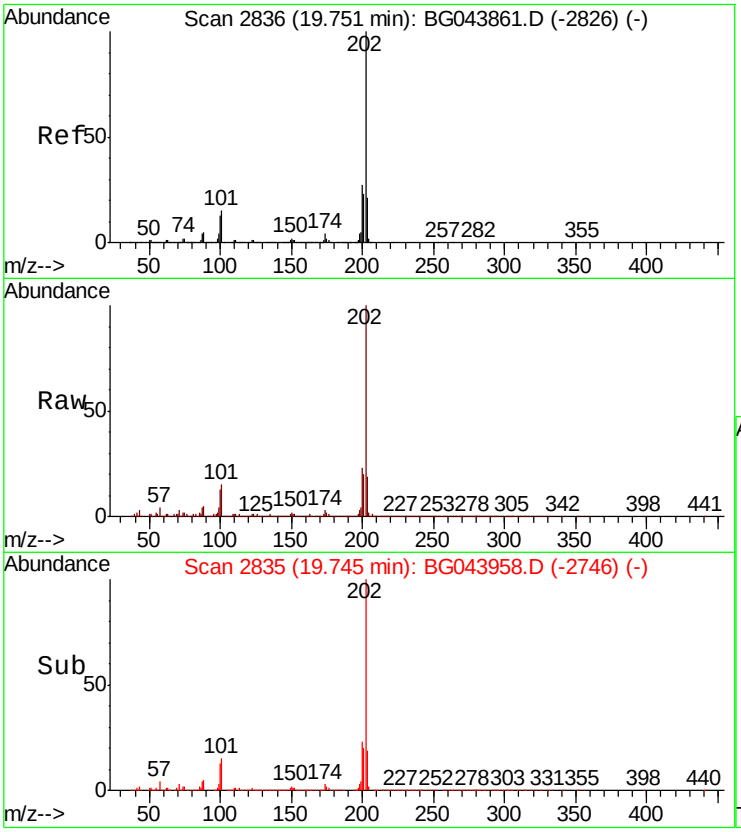


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:240 Resp: 692272

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	28.3	22.2	33.2



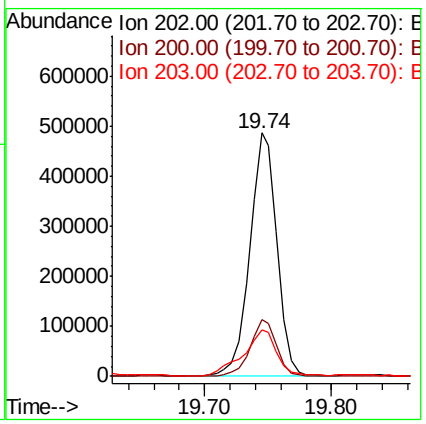


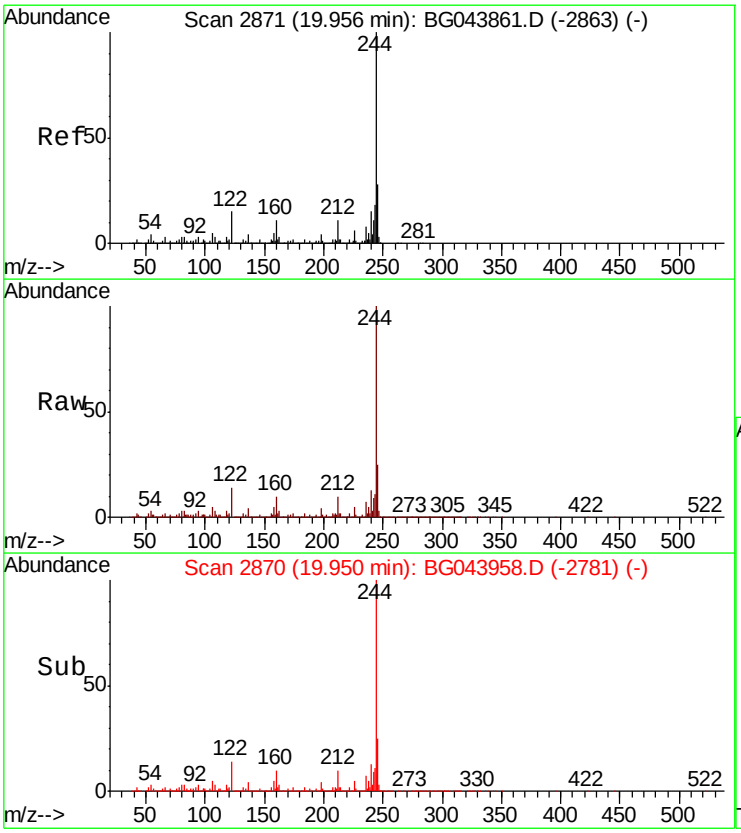
#78
Pyrene
Concen: 16.018 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 723798

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

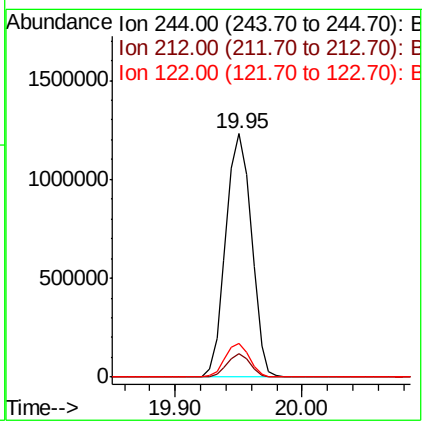


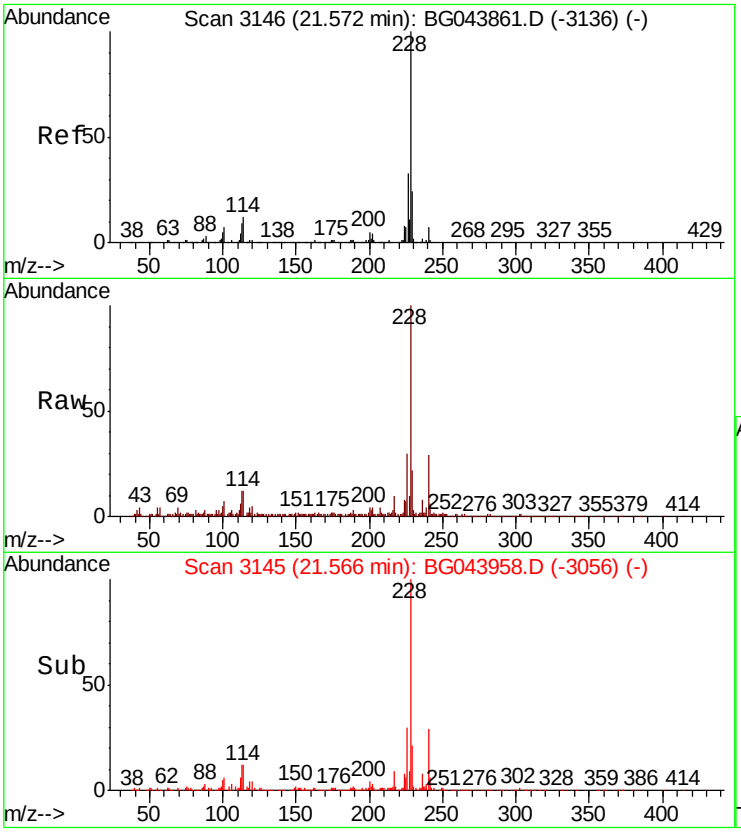


#79
Terphenyl-d14
Concen: 53.837 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:244 Resp: 1728370

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	13.9	11.9	17.9



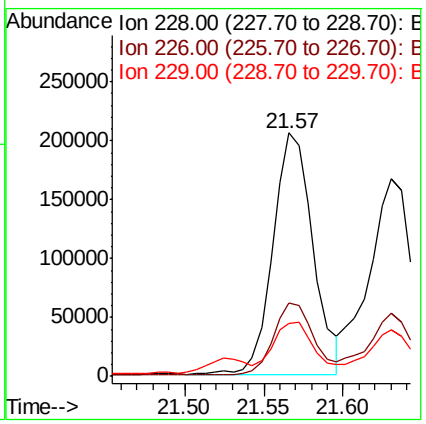


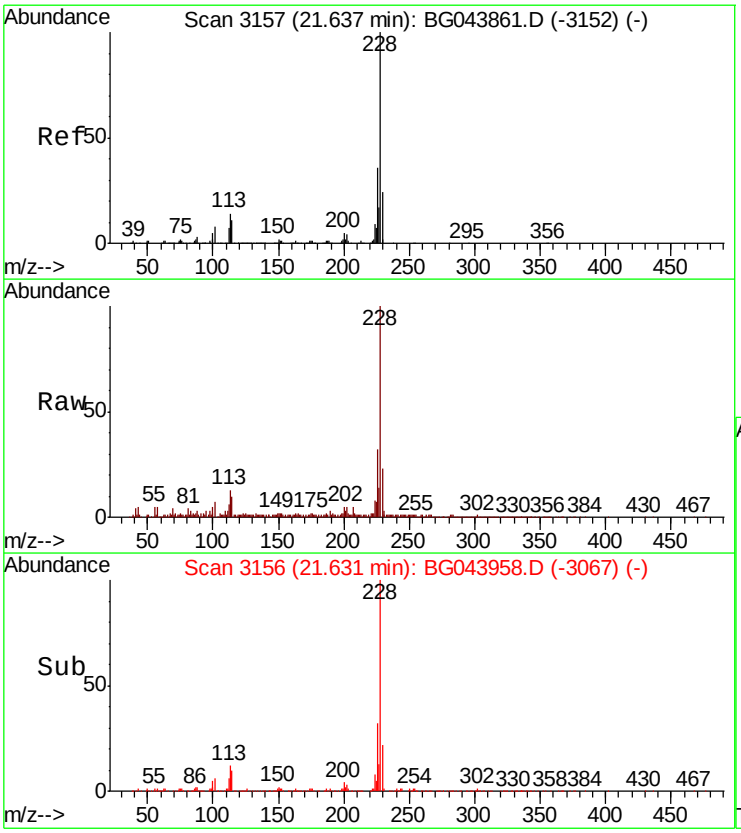
#81
Benzo(a)anthracene
Concen: 8.364 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 359028

Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.2	39.4
229	21.8	18.9	28.3

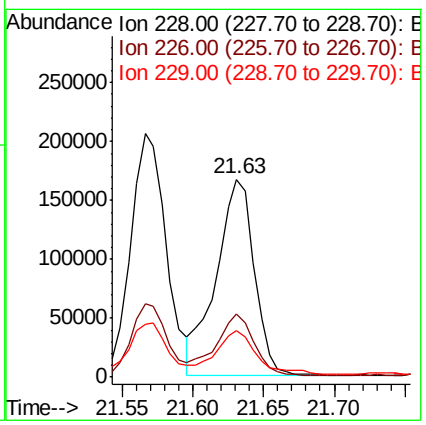


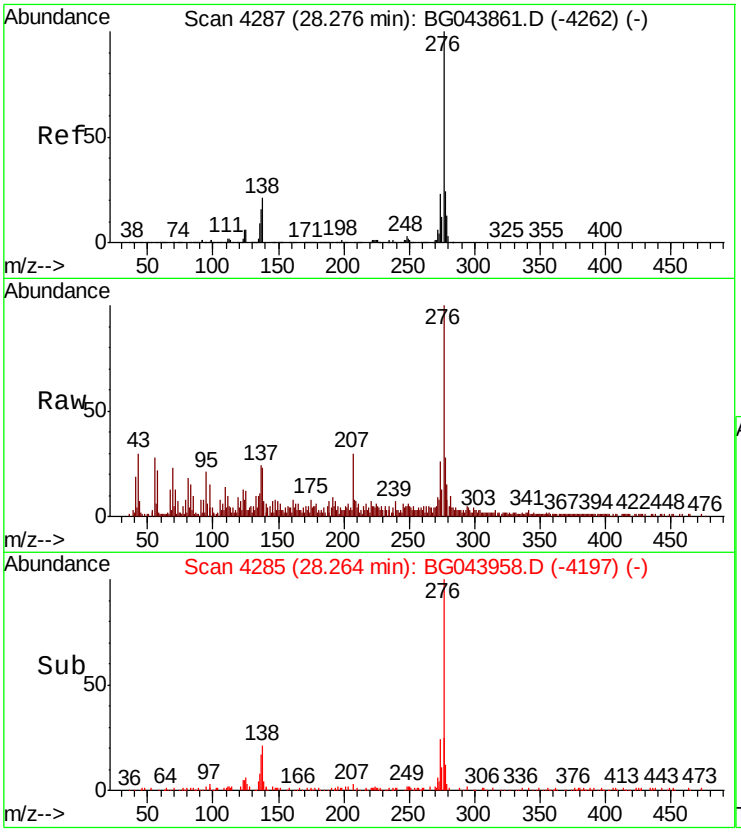


#83
Chrysene
Concen: 7.671 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:228 Resp: 312870

Ion	Ratio	Lower	Upper
228	100		
226	32.2	28.8	43.2
229	23.4	19.0	28.6



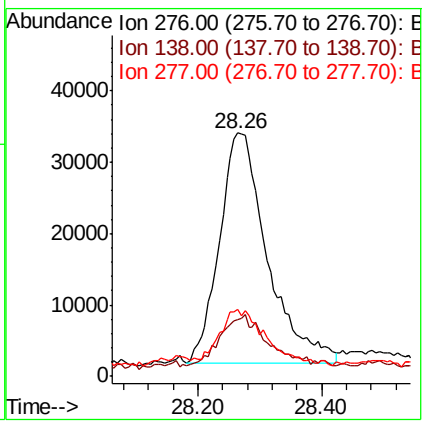


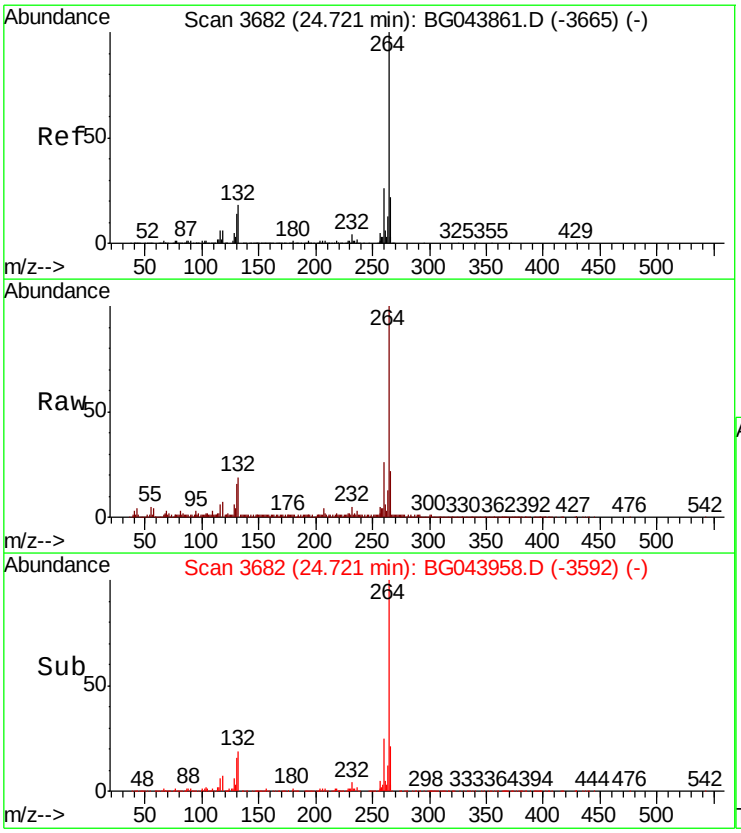
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.110 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 172402

Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.0	31.4
277	23.5	21.1	31.7

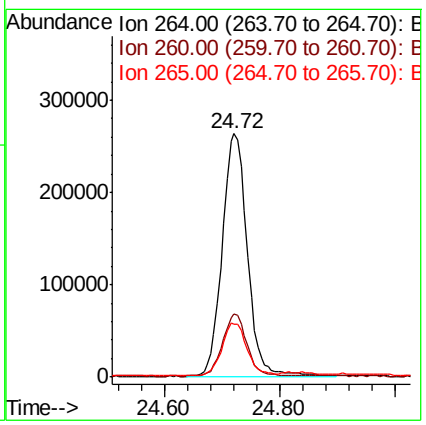


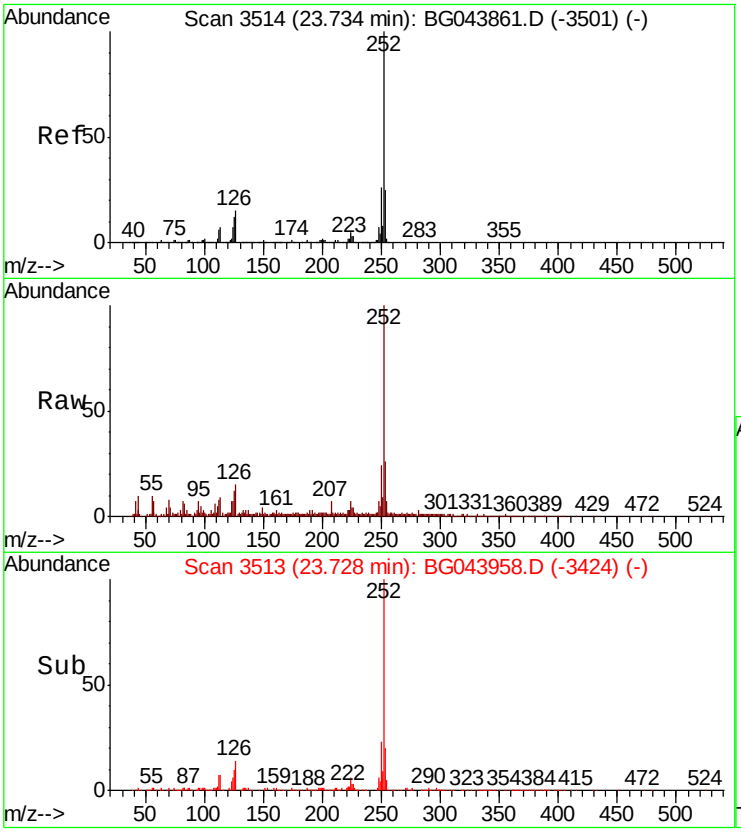


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:264 Resp: 787957

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.4	30.6
265	21.7	17.4	26.2



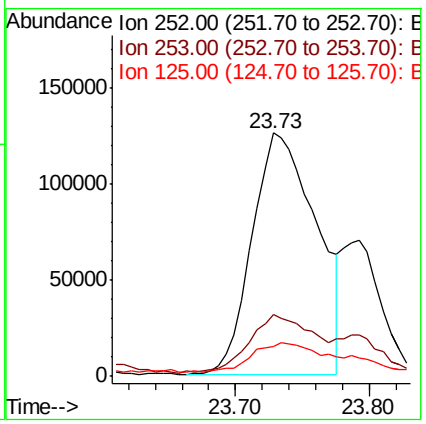


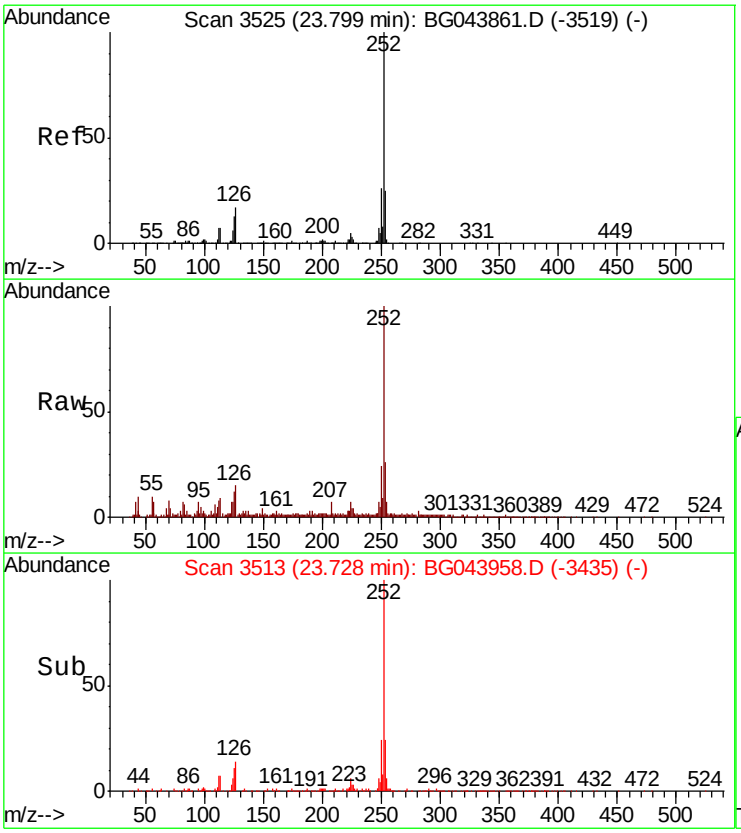
#88
Benzo(b)fluoranthene
Concen: 8.998 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 419161

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.7	29.5
125	12.4	9.4	14.2

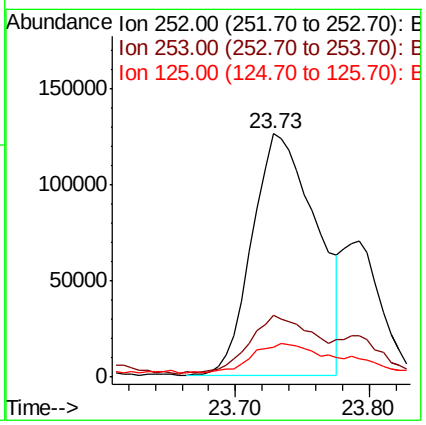


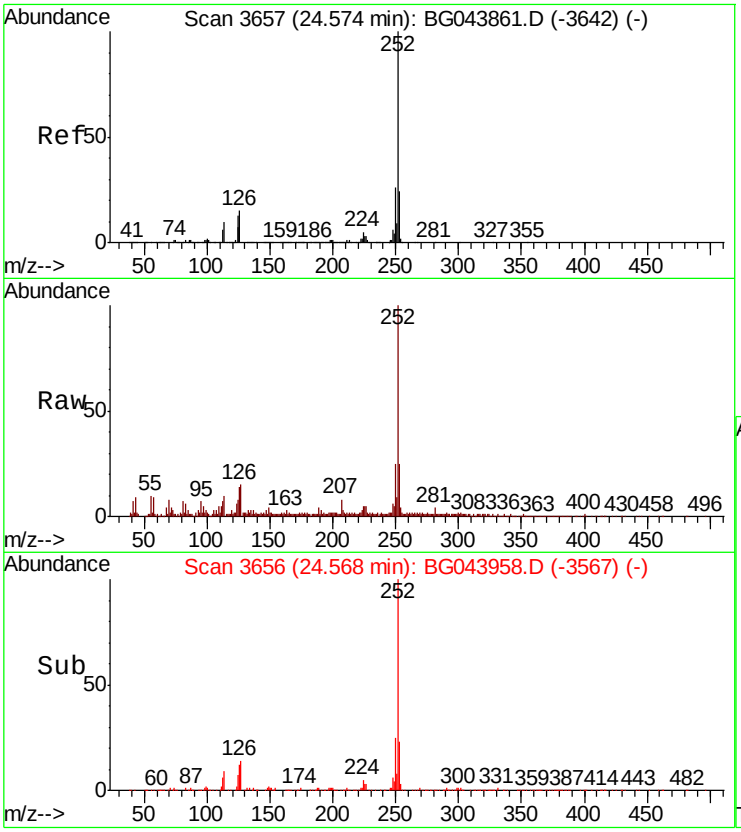


#89
Benzo(k)fluoranthene
Concen: 9.463 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.07 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:252 Resp: 419161

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.2
125	12.4	9.9	14.9



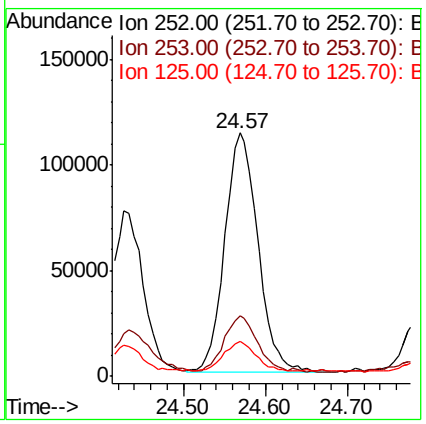


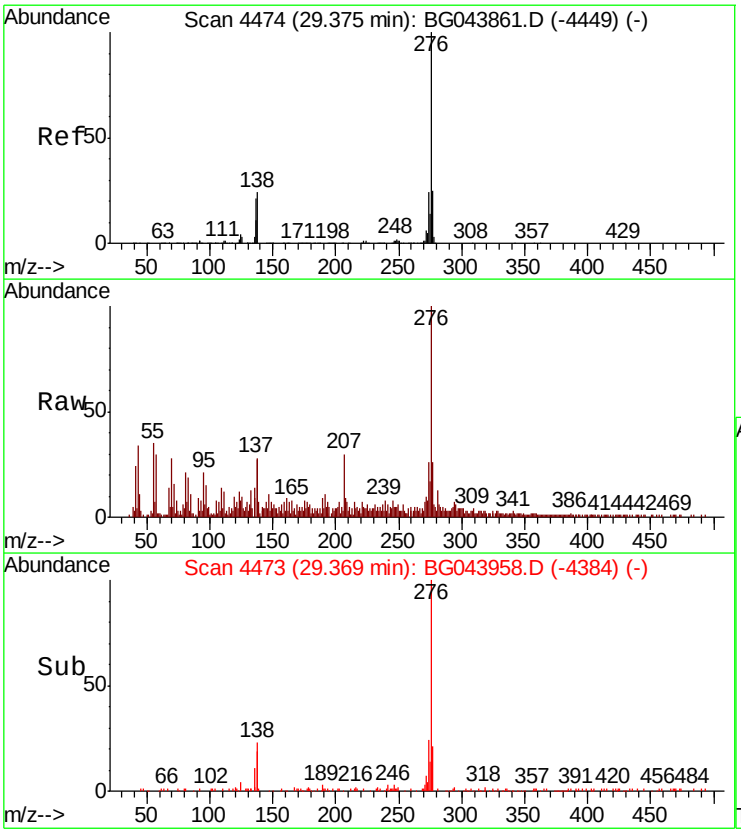
#90
Benzo(a)pyrene
Concen: 7.317 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 321693

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	14.4	10.4	15.6





#92
Benzo(g,h,i)perylene
Concen: 3.630 ng
RT: 29.37 min Scan# 4473
Delta R.T. -0.01 min
Lab File: BG043958.D
Acq: 7 Jan 2020 17:35

Tgt Ion:276 Resp: 159229

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.2	30.4
138	26.7	19.0	28.6