Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 08 02:42:24 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	159226	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	674760	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	413702	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	794201	20.00	ng		0.00
76) Chrysene-d12	21.59	240	645834	20.00	ng		0.00
87) Perylene-d12	24.72	264	728735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	85587	9.87	ng		0.00
7) Phenol-d6	7.13	99	218328	18.01	ng		0.00
23) Nitrobenzene-d5	9.12	82	128207	10.16	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	15358	3.55	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	301377	13.20	ng		0.00
79) Terphenyl-d14	19.95	244	387575	5.70	ng		0.00
Target Compounds							Qvalue
51) 2,6-Dinitrotoluene	14.59	165	54913	8.271	ng	#	26
54) 2,4-Dinitrophenol	15.17	184	65	5.501	ng	#	20
57) 2,4-Dinitrotoluene	14.59	165	54913	6.078	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.17	198	57	4.402	ng	#	1
71) Phenanthrene	17.38	178	115468	3.031	ng		93
75) Fluoranthene	19.39	202	219716	5.043	ng		95
78) Pyrene	19.74	202	197711	4.690	ng		92
81) Benzo(a)anthracene	21.57	228	90979	2.272	ng		95
83) Chrysene	21.63	228	99189	2.607	ng		94
88) Benzo(b)fluoranthene	23.73	252	133887	3.108	ng	#	87
89) Benzo(k)fluoranthene	23.73	252	133887	3.268	ng	#	87
90) Benzo(a)pyrene	24.57	252	90190	2.218	ng	#	92

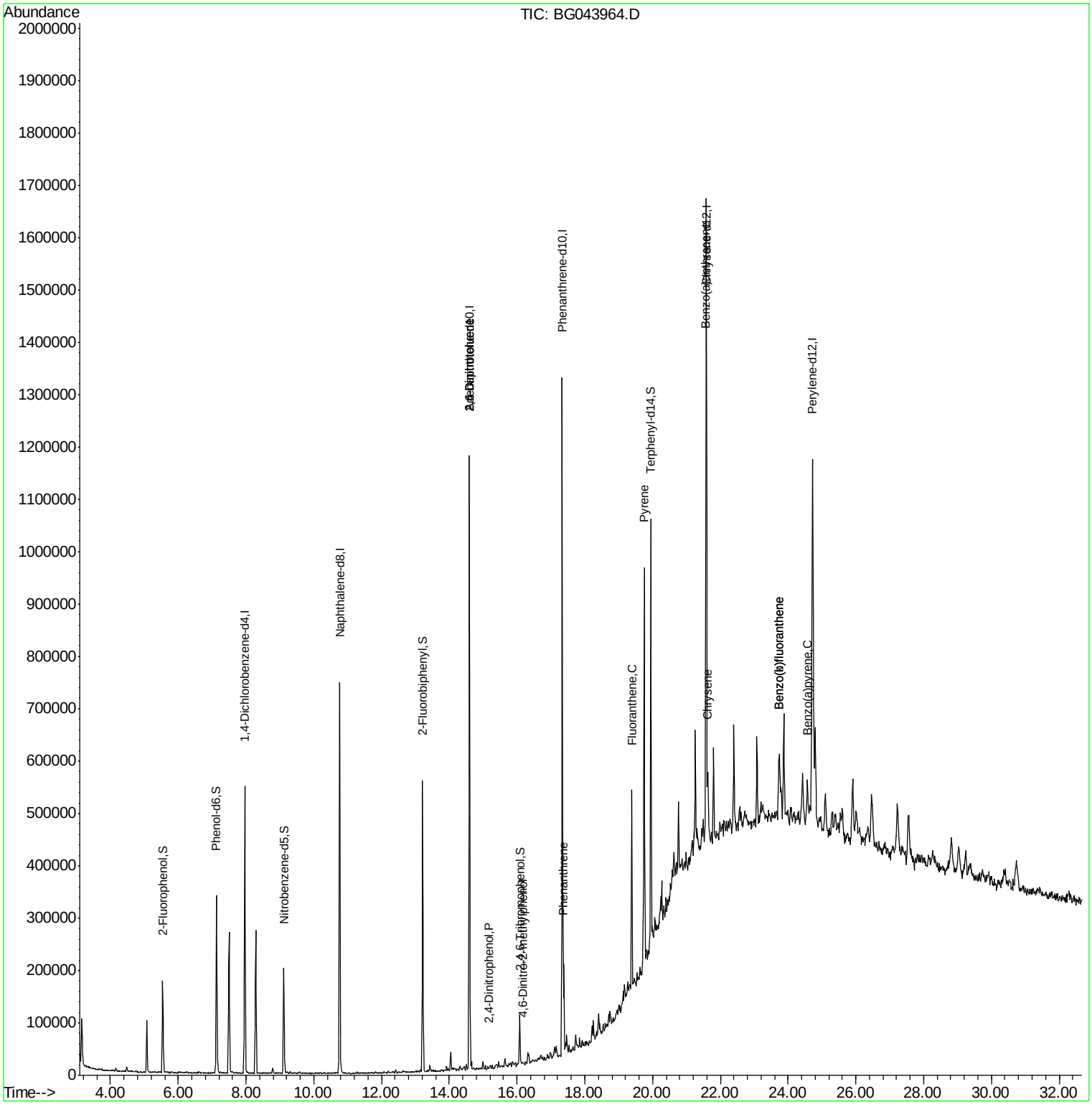
(#) = qualifier out of range (m) = manual integration (+) = signals summed

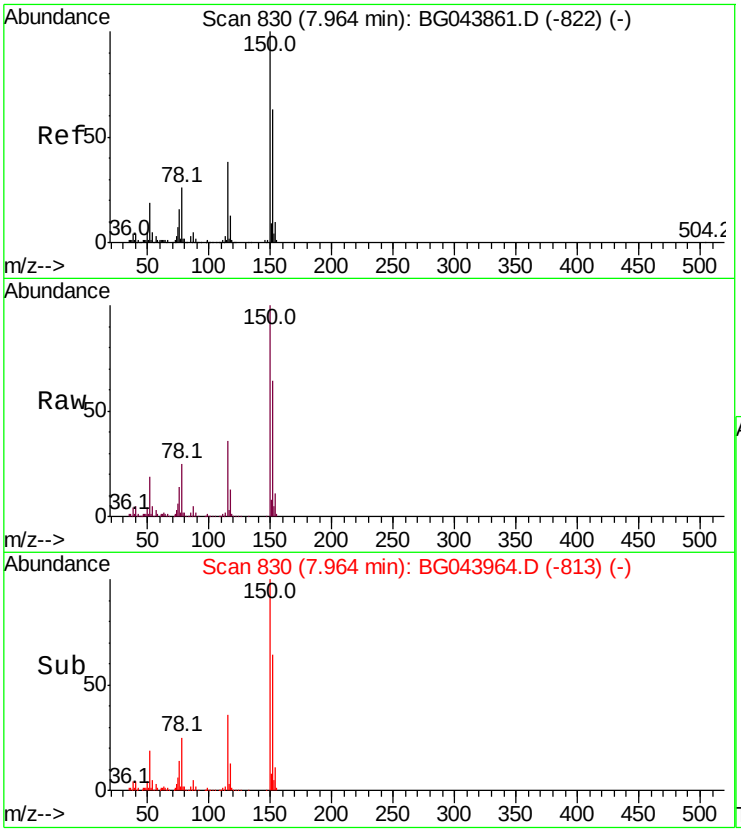
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043964.D
Acq On : 7 Jan 2020 21:30
Operator : JU
Sample : L1037-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 08 02:42:24 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



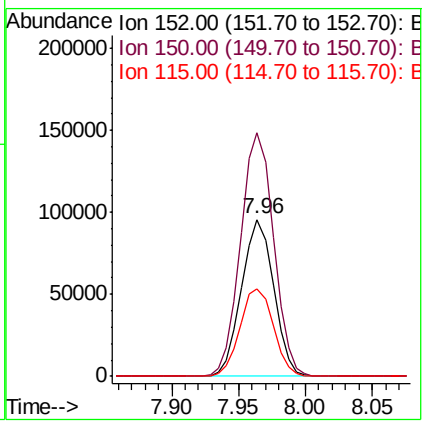


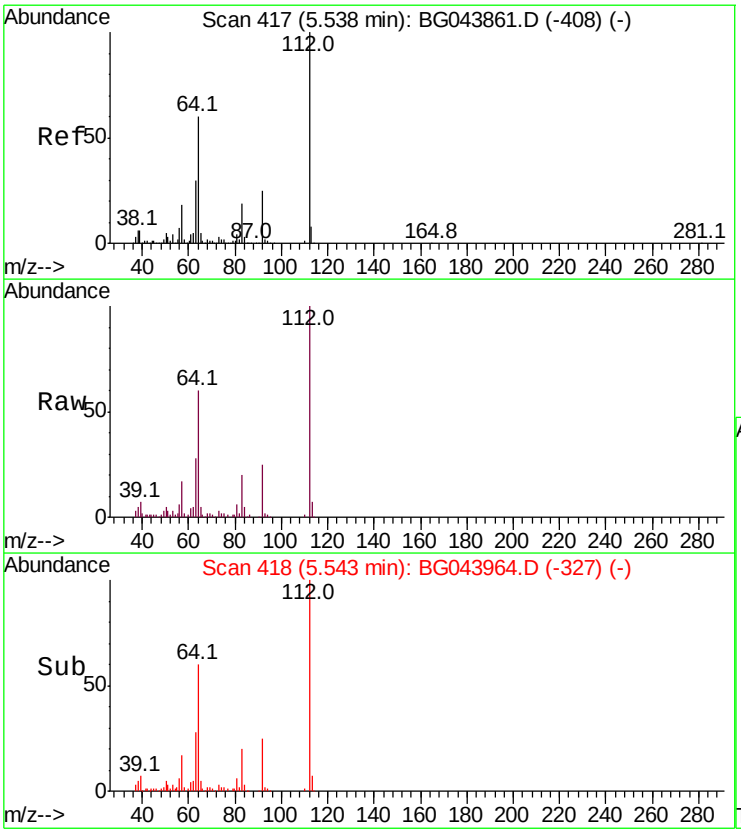
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 159226

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.0	190.4
115	55.9	47.8	71.8

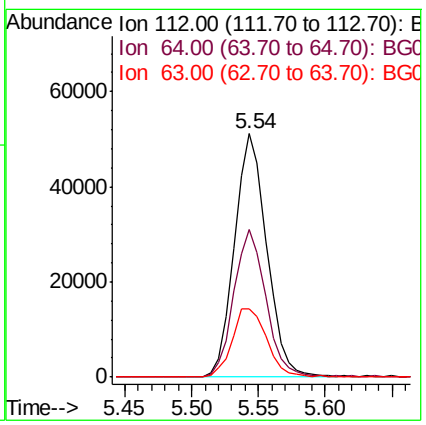


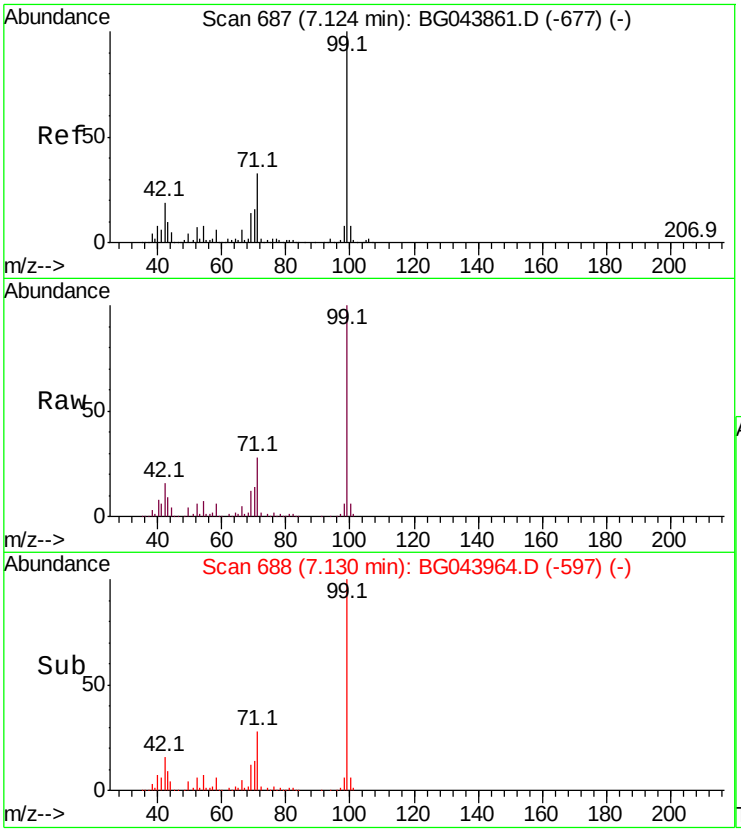


#5
2-Fluorophenol
Concen: 9.869 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:112 Resp: 85587

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.8	71.6
63	28.1	24.3	36.5



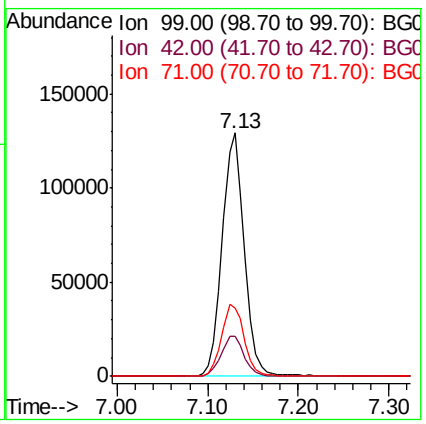


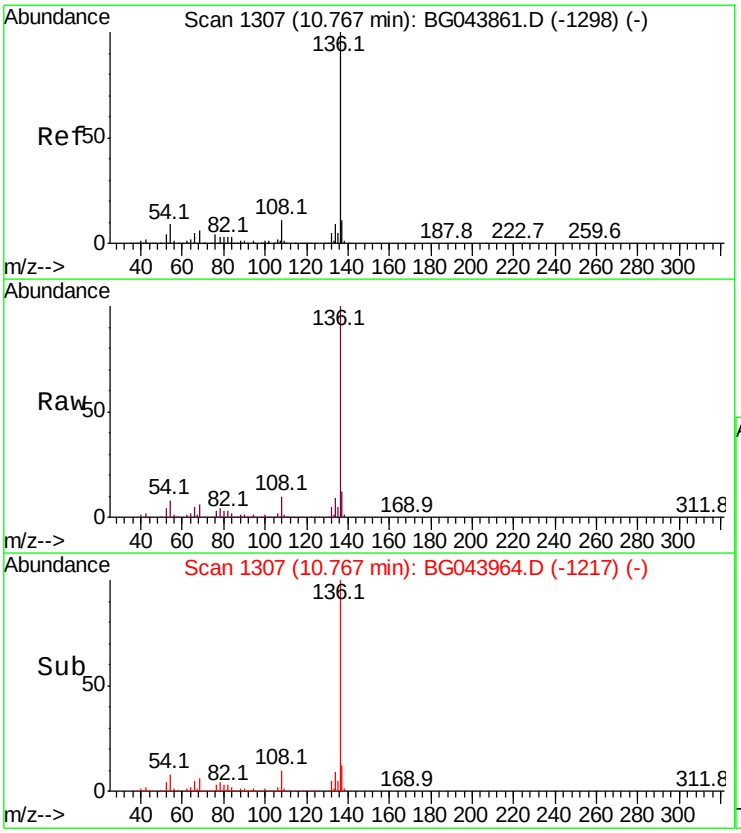
#7
Phenol-d6
Concen: 18.011 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 218328

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.9	22.3
71	28.2	26.4	39.6

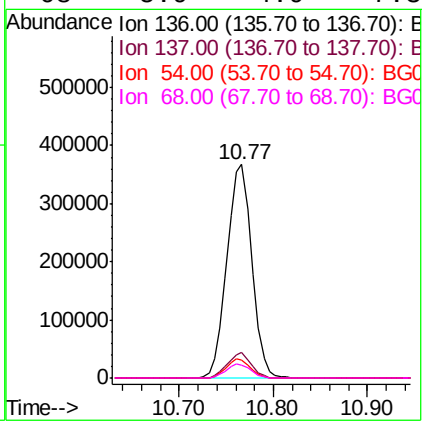


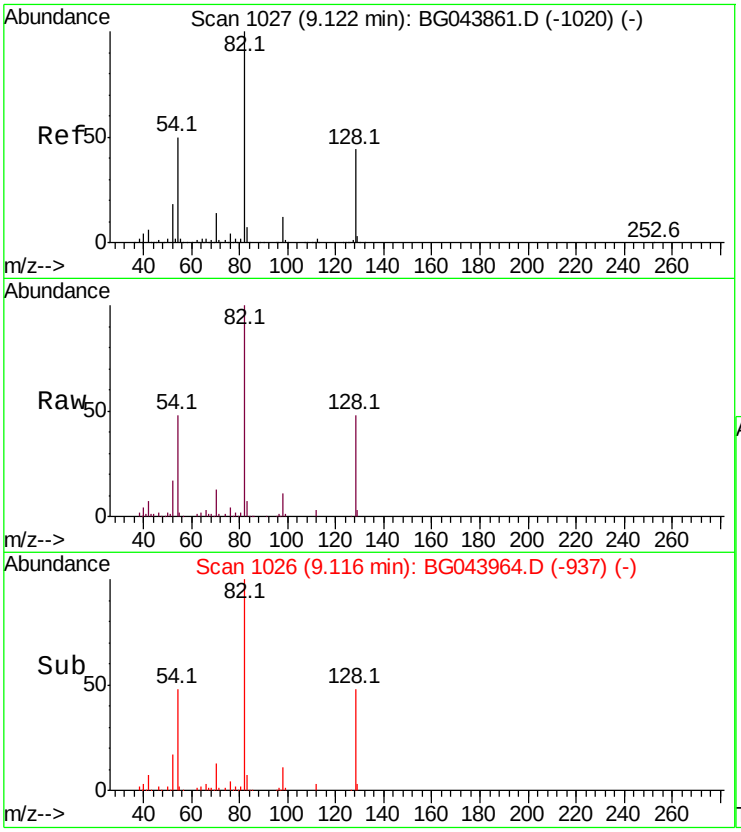


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:136 Resp: 674760

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.3	7.0	10.4
68	5.9	4.9	7.3



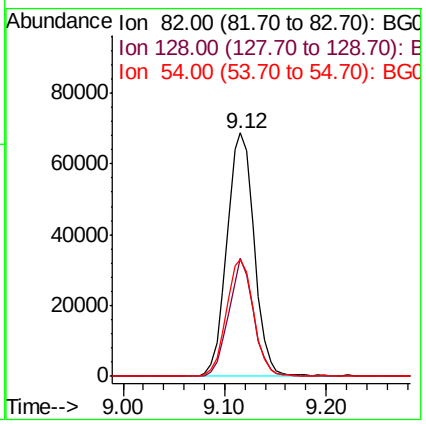


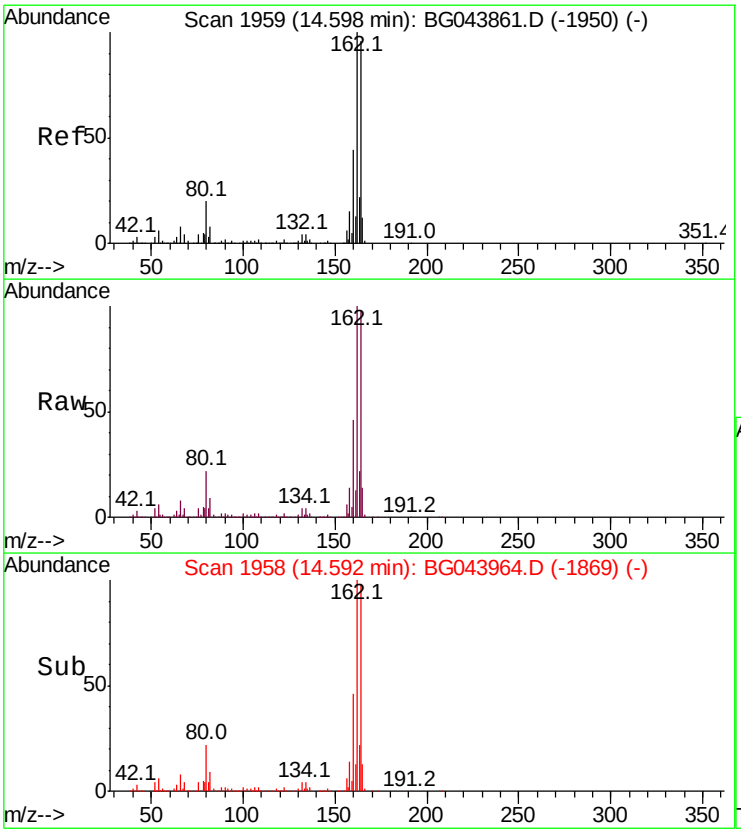
#23
Nitrobenzene-d5
Concen: 10.164 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 128207

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.1	52.7
54	47.9	40.1	60.1

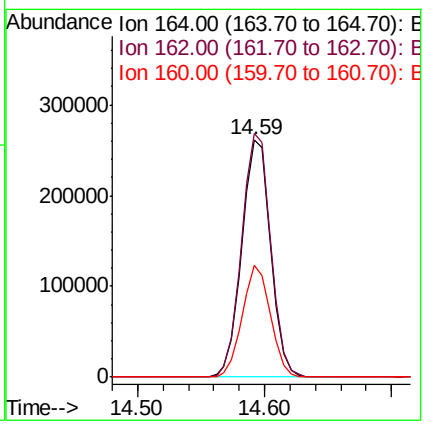


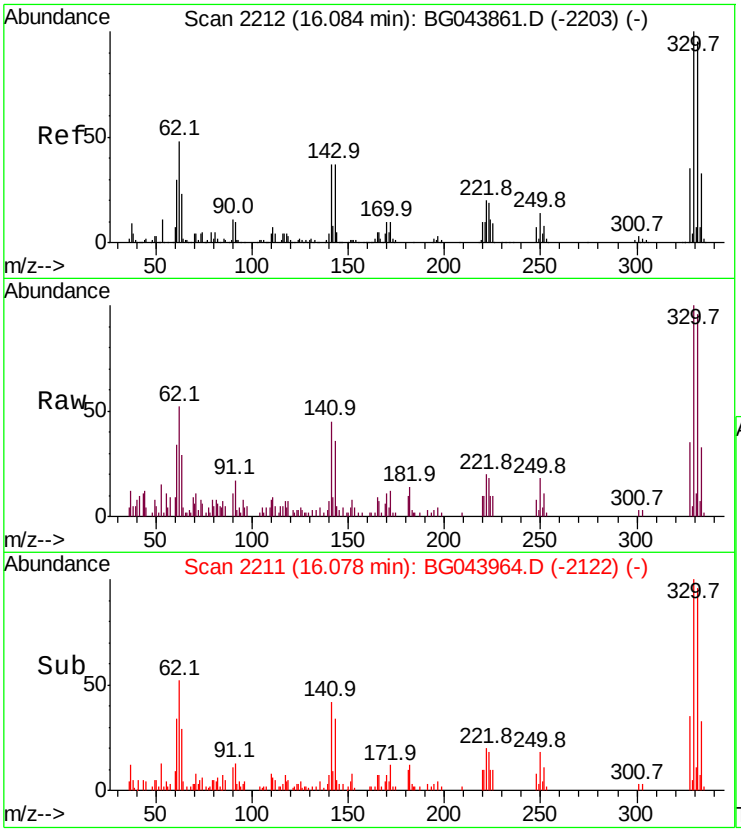


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:164 Resp: 413702

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	46.9	36.1	54.1



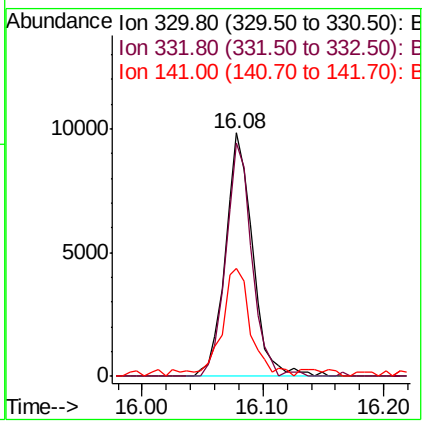


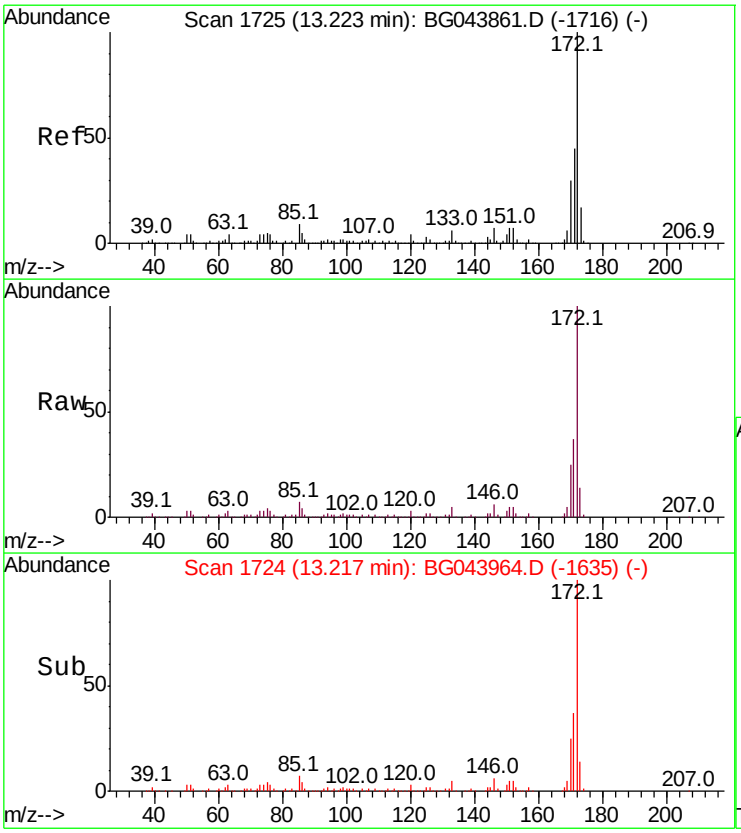
#42
2,4,6-Tribromophenol
Concen: 3.547 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 15358

Ion	Ratio	Lower	Upper
330	100		
332	90.6	77.2	115.8
141	46.3	33.1	49.7

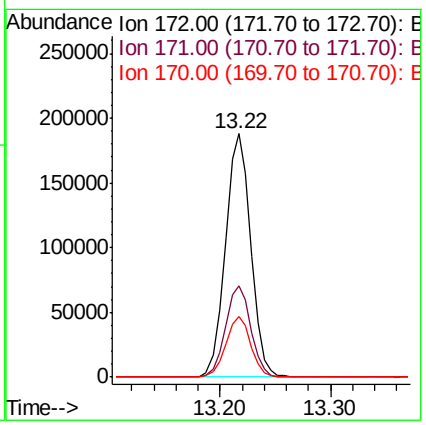


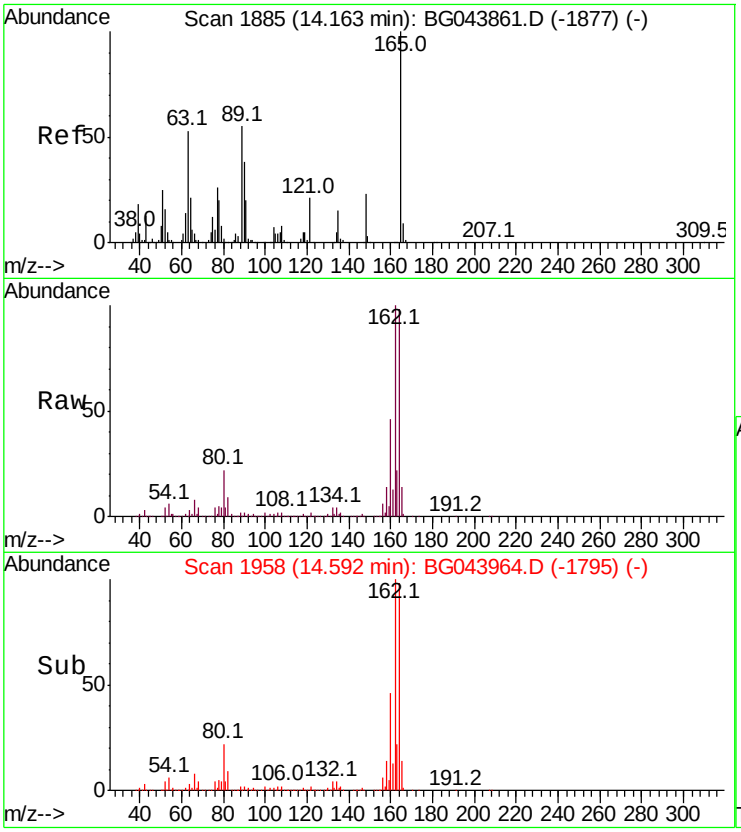


#45
2-Fluorobiphenyl
Concen: 13.199 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:172 Resp: 301377

Ion	Ratio	Lower	Upper
172	100		
171	37.4	35.8	53.8
170	24.7	24.2	36.4



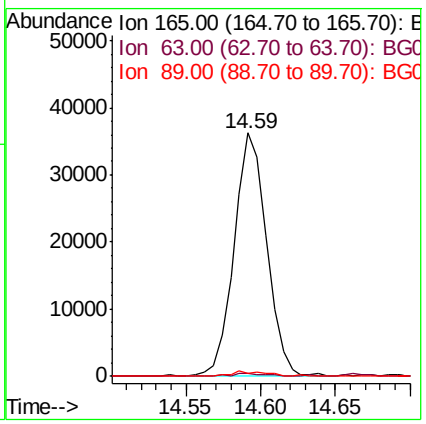


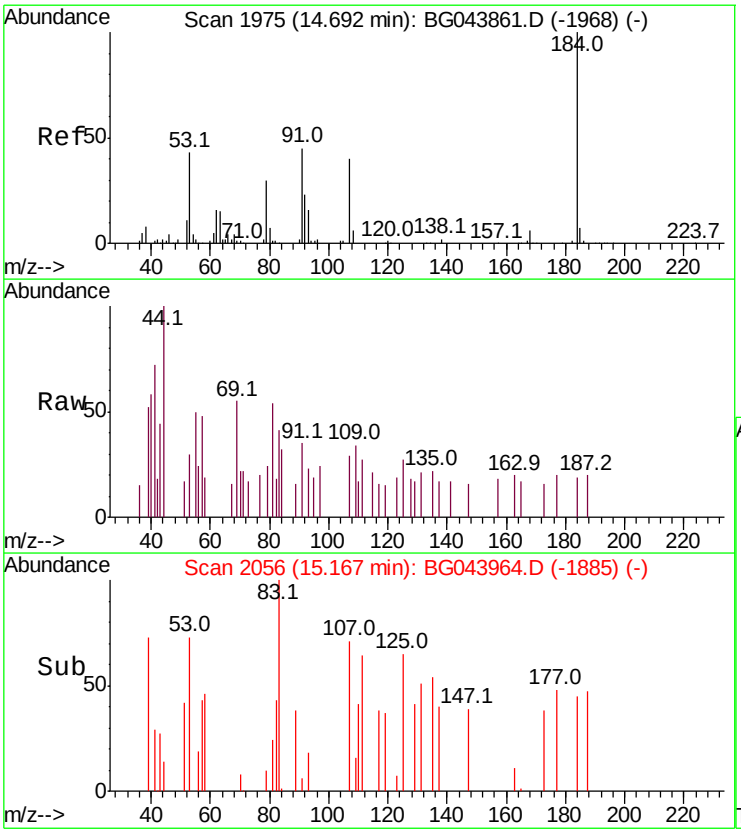
#51
2,6-Dinitrotoluene
Concen: 8.271 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 54913

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.1	64.7#
89	1.1	43.8	65.6#

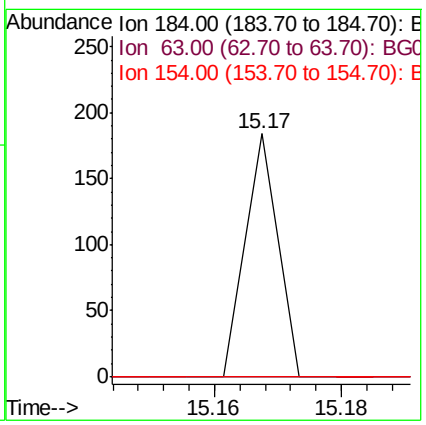


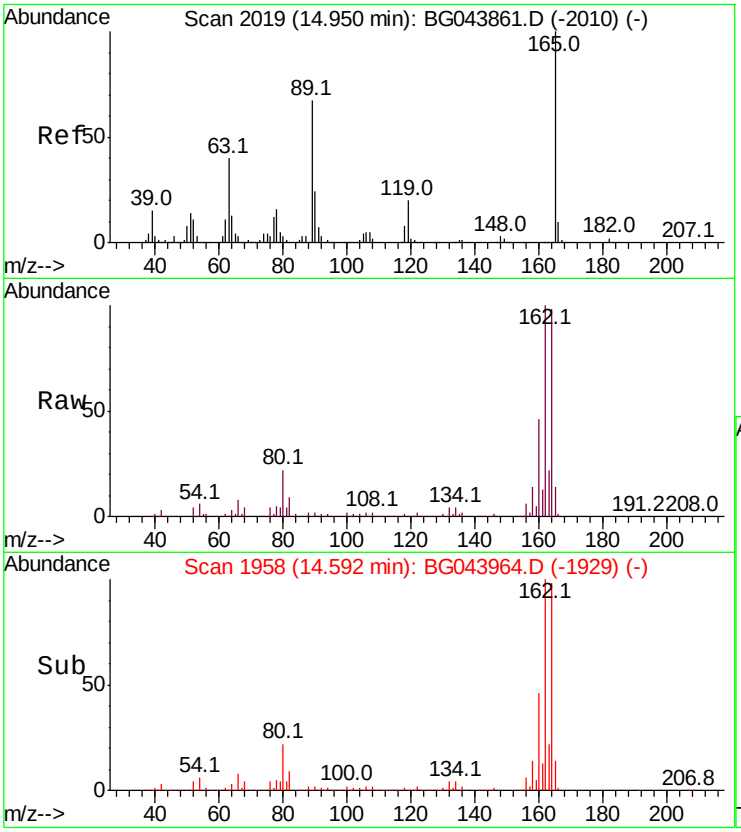


#54
2,4-Dinitrophenol
Concen: 5.501 ng
RT: 15.17 min Scan# 2056
Delta R.T. 0.48 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:184 Resp: 65

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.6	70.0#
154	0.0	50.2	75.4#



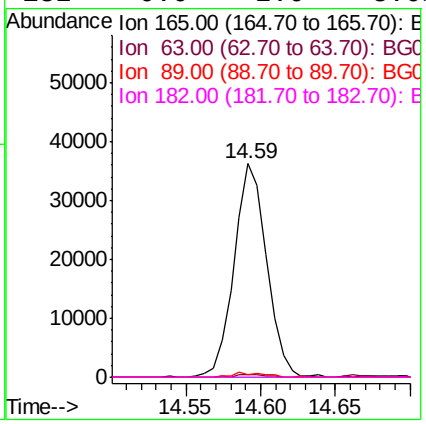


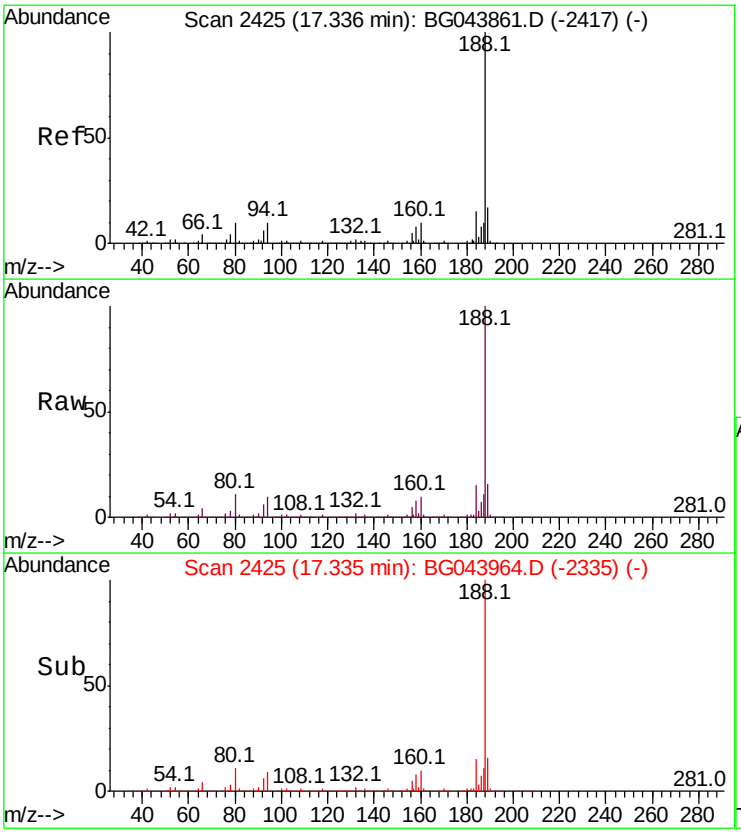
#57
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 54913

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.9	47.9#
89	1.1	53.8	80.6#
182	0.0	2.0	3.0#

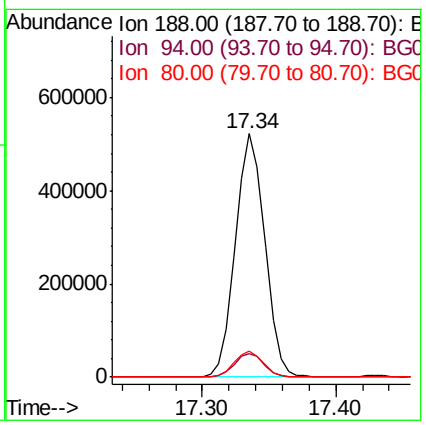


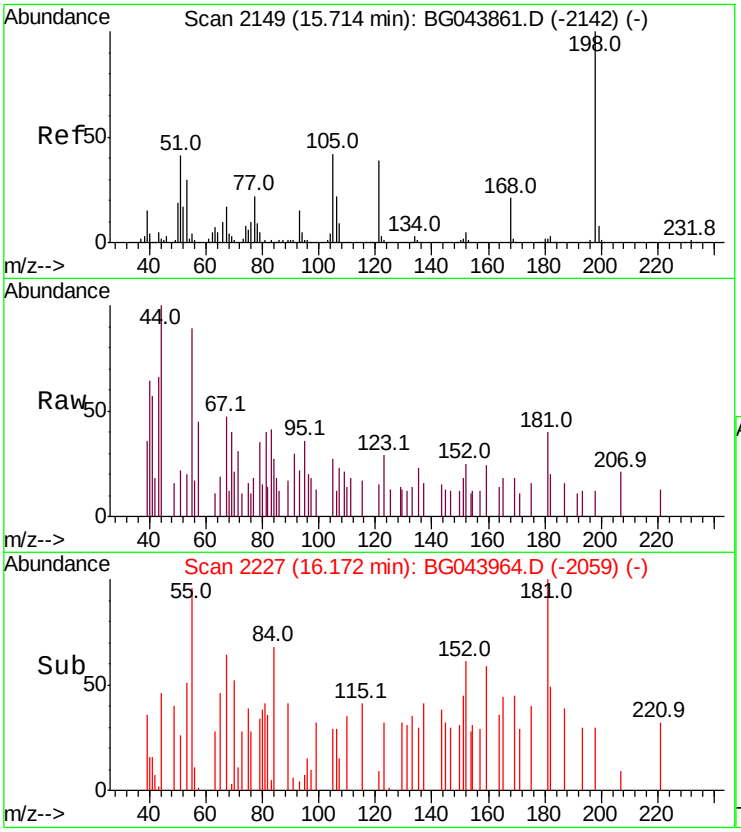


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:188 Resp: 794201

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.6	8.2	12.4



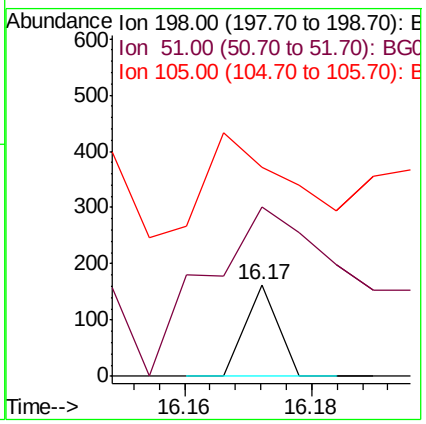


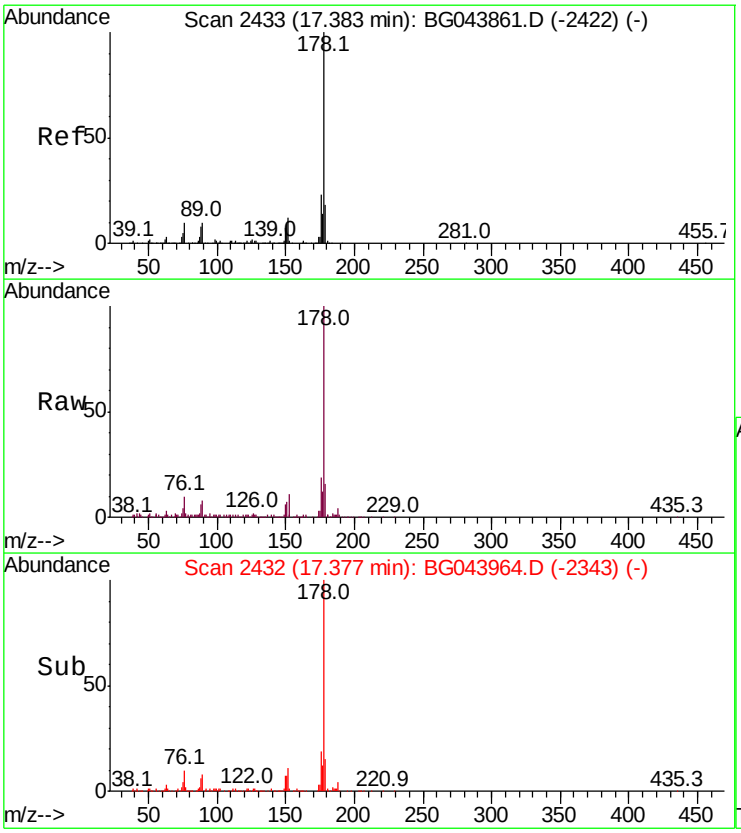
#65
4,6-Dinitro-2-methylphenol
Concen: 4.402 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.46 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	184.0	22.5	62.5#
105	228.2	22.3	62.3#

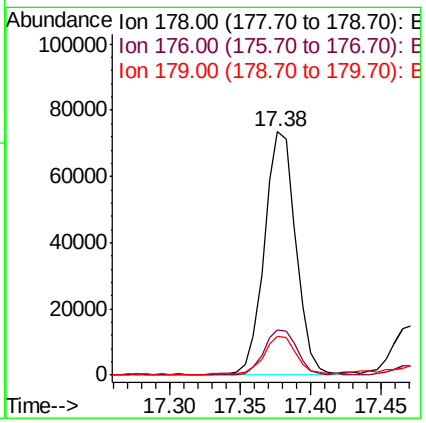


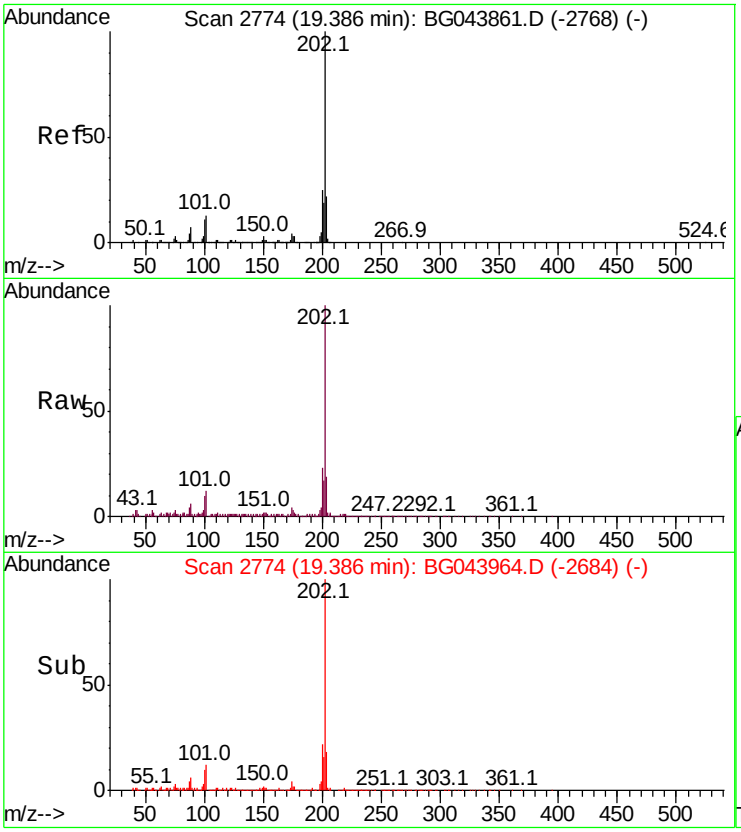


#71
Phenanthrene
Concen: 3.031 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:178 Resp: 115468

Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.6	28.0
179	15.9	14.4	21.6



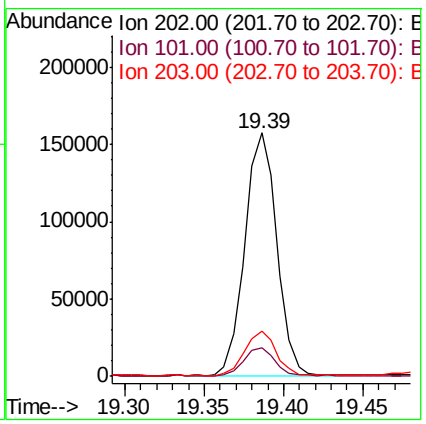


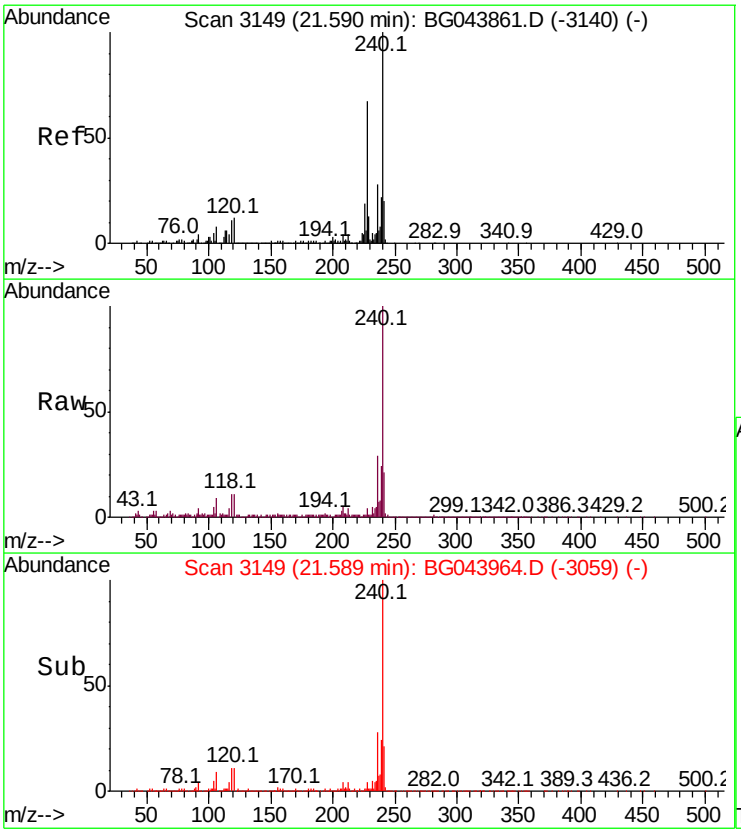
#75
Fluoranthene
Concen: 5.043 ng
RT: 19.39 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 219716

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.3
203	18.6	1.6	41.6

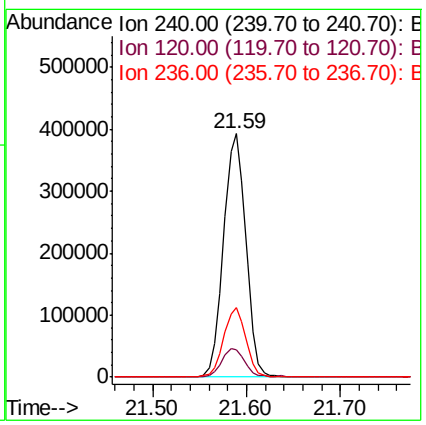


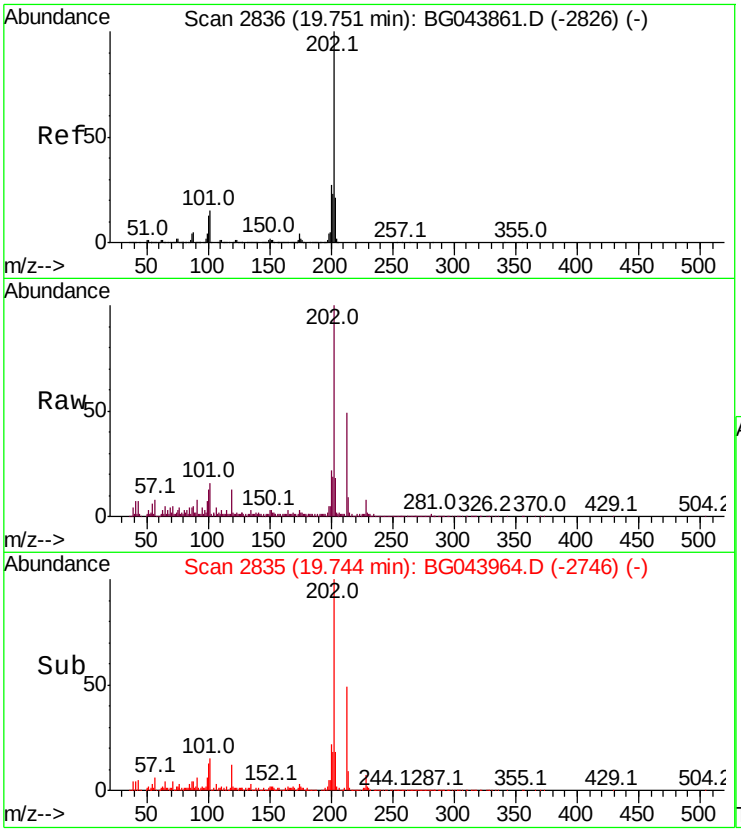


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:240 Resp: 645834

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	28.8	22.2	33.2



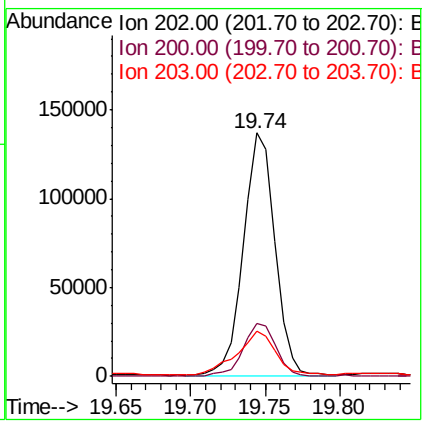


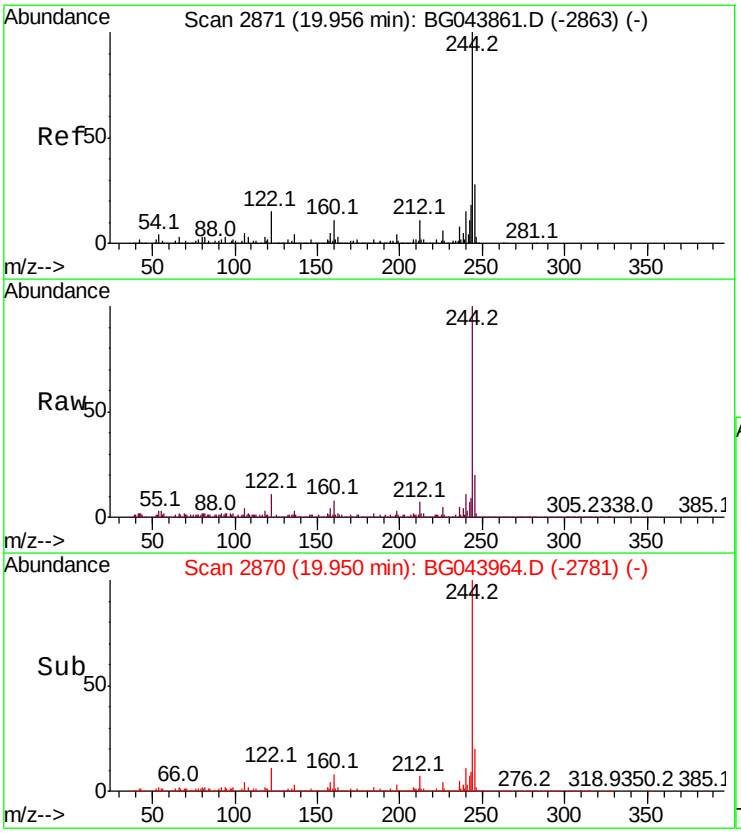
#78
Pyrene
Concen: 4.690 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 197711

Ion	Ratio	Lower	Upper
202	100		
200	21.8	21.7	32.5
203	18.4	17.0	25.6

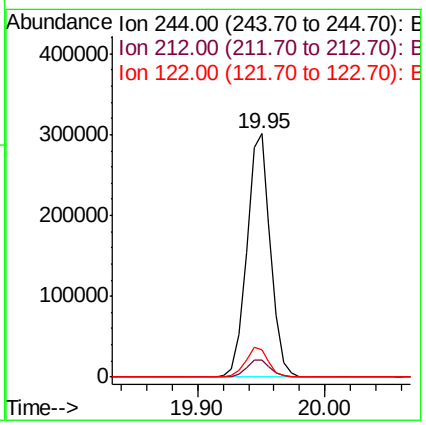


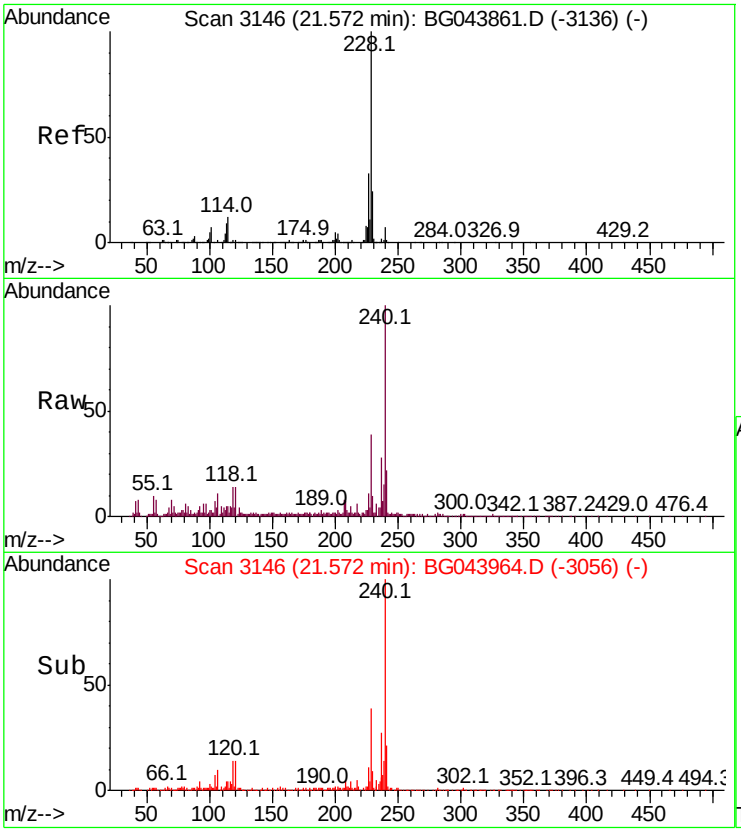


#79
Terphenyl-d14
Concen: 5.699 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:244 Resp: 387575

Ion	Ratio	Lower	Upper
244	100		
212	6.9	8.6	13.0#
122	11.1	11.9	17.9#



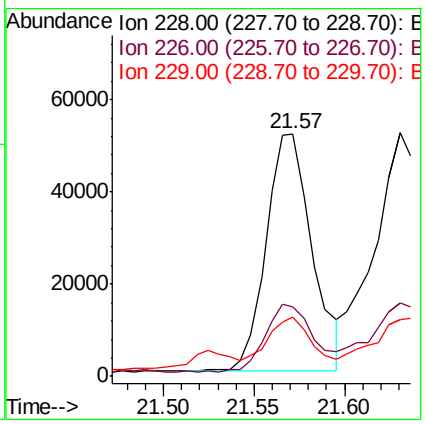


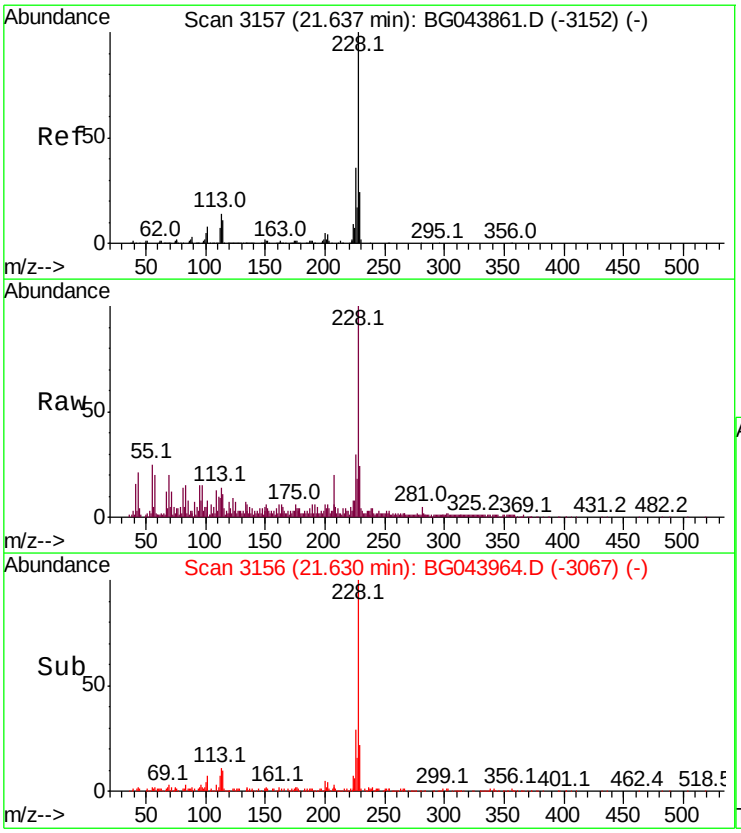
#81
Benzo(a)anthracene
Concen: 2.272 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 90979

Ion	Ratio	Lower	Upper
228	100		
226	28.7	26.2	39.4
229	24.7	18.9	28.3

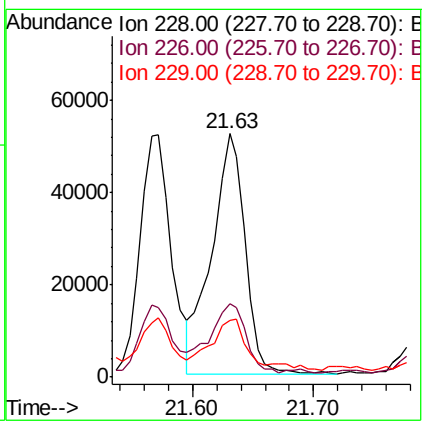


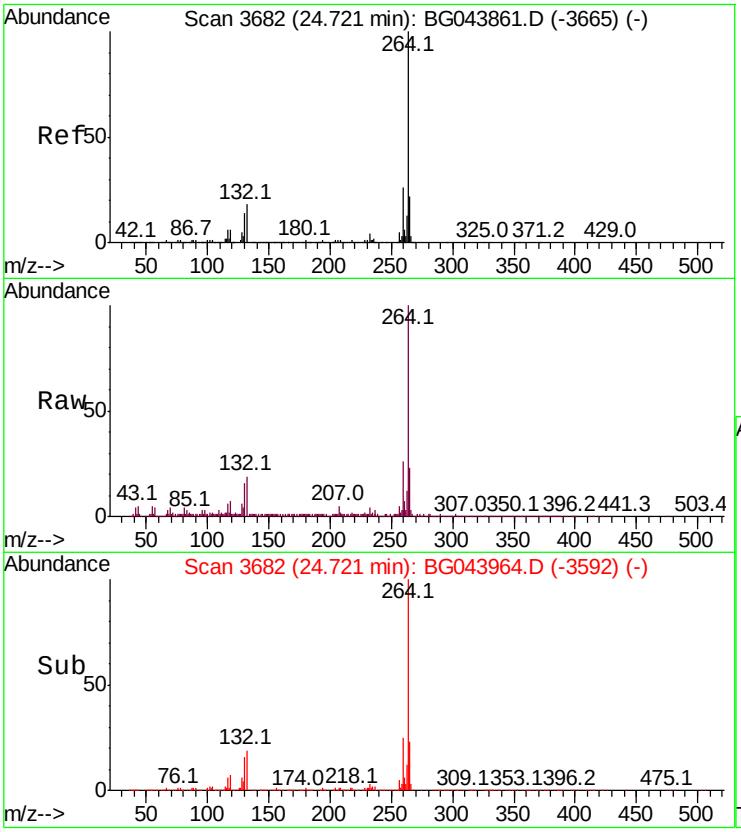


#83
Chrysene
Concen: 2.607 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:228 Resp: 99189

Ion	Ratio	Lower	Upper
228	100		
226	30.4	28.8	43.2
229	23.5	19.0	28.6



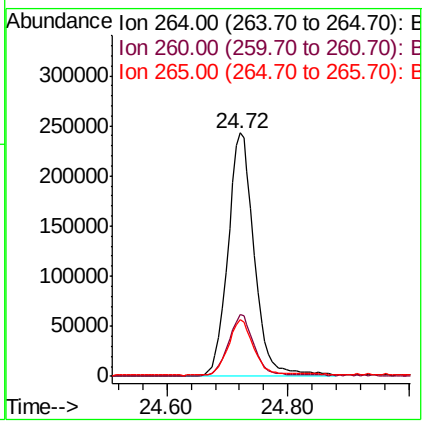


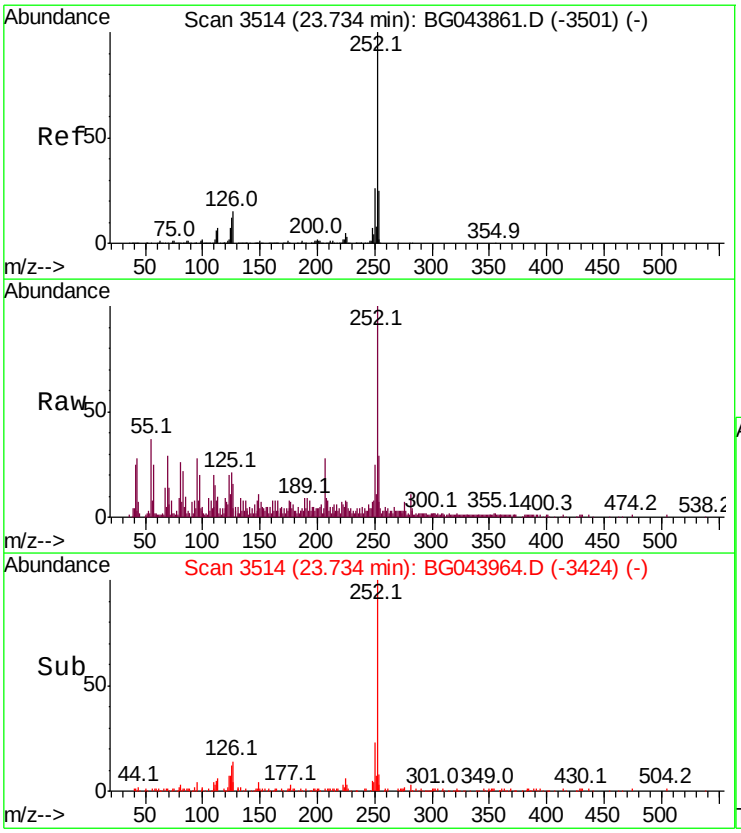
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 728735

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	23.5	17.4	26.2

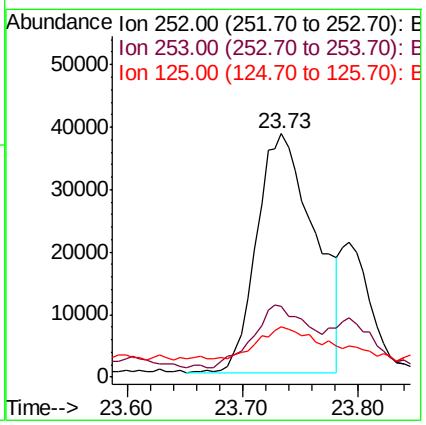


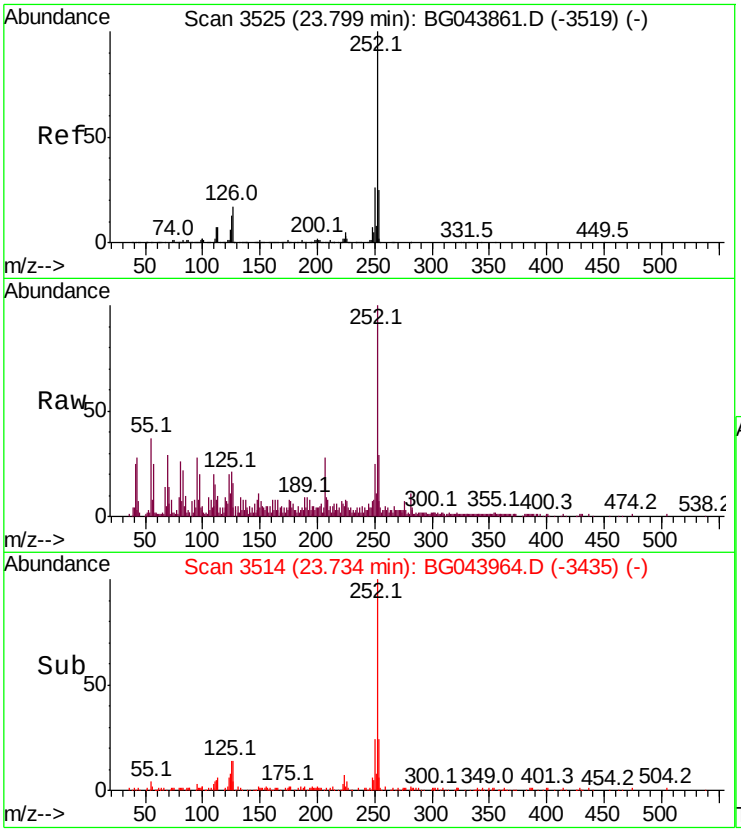


#88
Benzo(b)fluoranthene
Concen: 3.108 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:252 Resp: 133887

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.7	29.5
125	20.8	9.4	14.2#



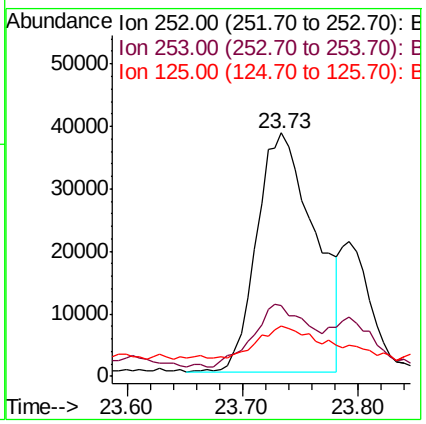


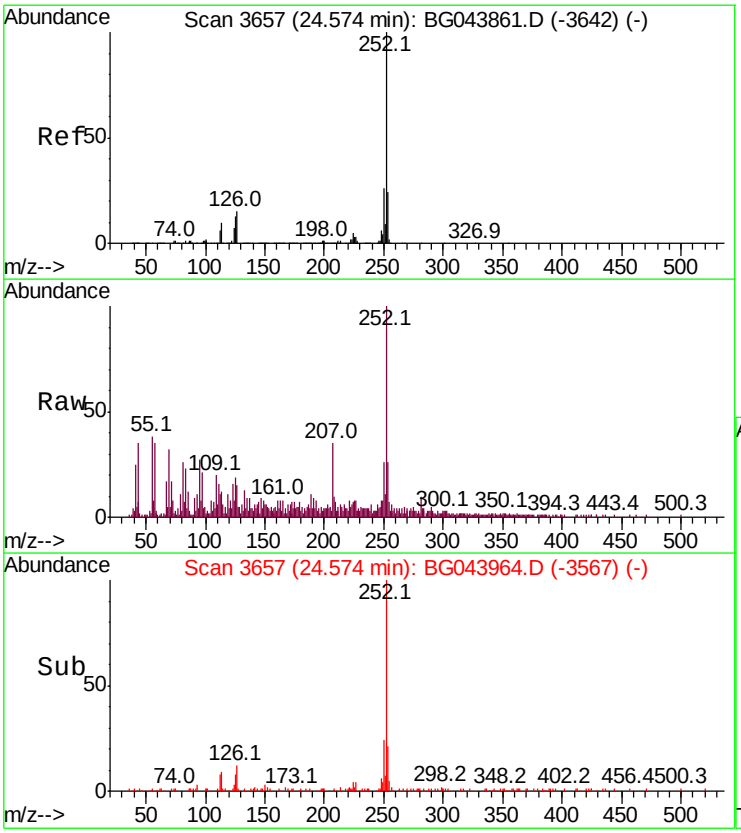
#89
Benzo(k)fluoranthene
Concen: 3.268 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.07 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 133887

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.4	29.2
125	20.8	9.9	14.9#





#90
Benzo(a)pyrene
Concen: 2.218 ng
RT: 24.57 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BG043964.D
Acq: 7 Jan 2020 21:30

Tgt Ion:252 Resp: 90190

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.3	28.9
125	19.2	10.4	15.6#