Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042681.D
Acq On : 2 Sep 2019 3:37
Operator : HP/JU
Sample : K4579-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 02 07:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31294	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	123762	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	95983	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	224280	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	241552	20.00	ng		-0.01
87) Perylene-d12	24.92	264	289057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	136705	88.47	ng		0.00
7) Phenol-d6	7.16	99	181908	87.16	ng		-0.01
23) Nitrobenzene-d5	9.16	82	103446	57.76	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	130127	95.38	ng		-0.01
45) 2-Fluorobiphenyl	13.27	172	366044	64.50	ng		-0.01
79) Terphenyl-d14	20.02	244	679837	60.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	13635	10.084	ng	#	73
50) Dimethylphthalate	14.10	163	52766	7.619	ng		97
57) 2,4-Dinitrotoluene	14.65	165	12192	5.304	ng	#	38
67) 4-Bromophenyl-phenylether	16.14	248	8616	3.029	ng	#	1
71) Phenanthrene	17.45	178	64062	5.750	ng		99
72) Anthracene	17.45	178	64062	5.760	ng		99
75) Fluoranthene	19.46	202	216325	15.911	ng		95
78) Pyrene	19.82	202	193634	13.075	ng		97
81) Benzo(a)anthracene	21.67	228	138349	9.415	ng		98
83) Chrysene	21.73	228	152052	10.730	ng		97
86) Indeno(1,2,3-cd)pyrene	28.63	276	114859	5.964	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	230769	14.522	ng		97
89) Benzo(k)fluoranthene	23.90	252	230769	15.108	ng		97
90) Benzo(a)pyrene	24.77	252	144688	9.595	ng		97
91) Dibenzo(a,h)anthracene	28.67	278	32006	2.096	ng		93
92) Benzo(g,h,i)perylene	29.79	276	122544	8.025	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042681.D
Acq On : 2 Sep 2019 3:37
Operator : HP/JU
Sample : K4579-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 02 07:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
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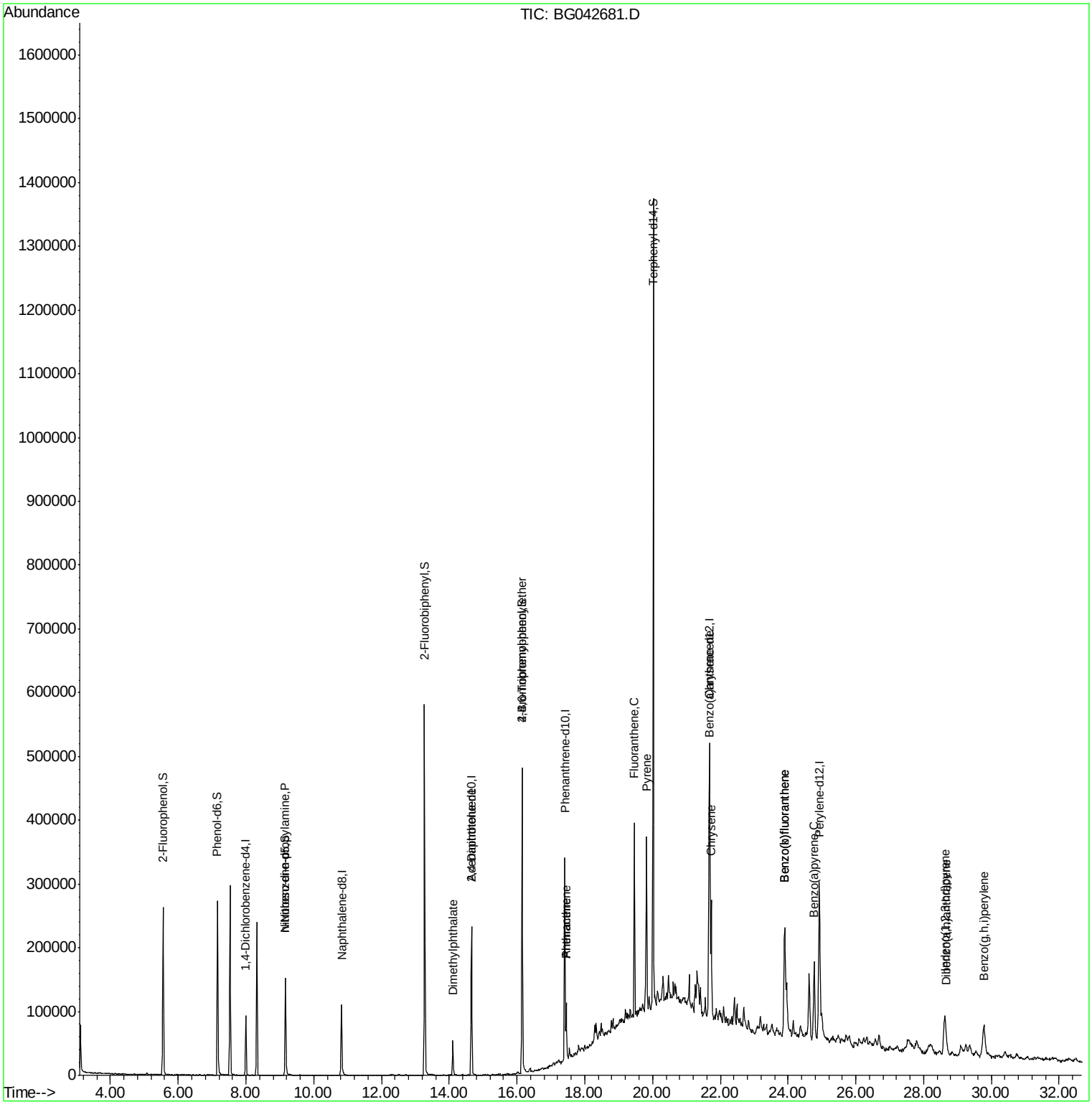
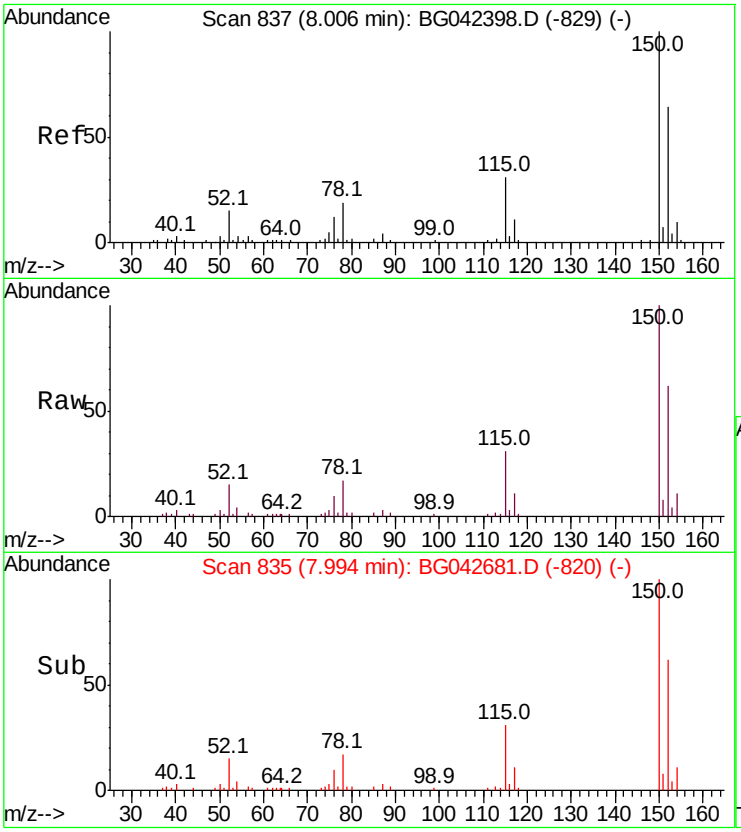


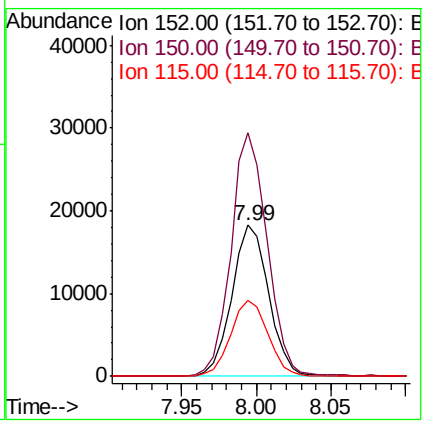


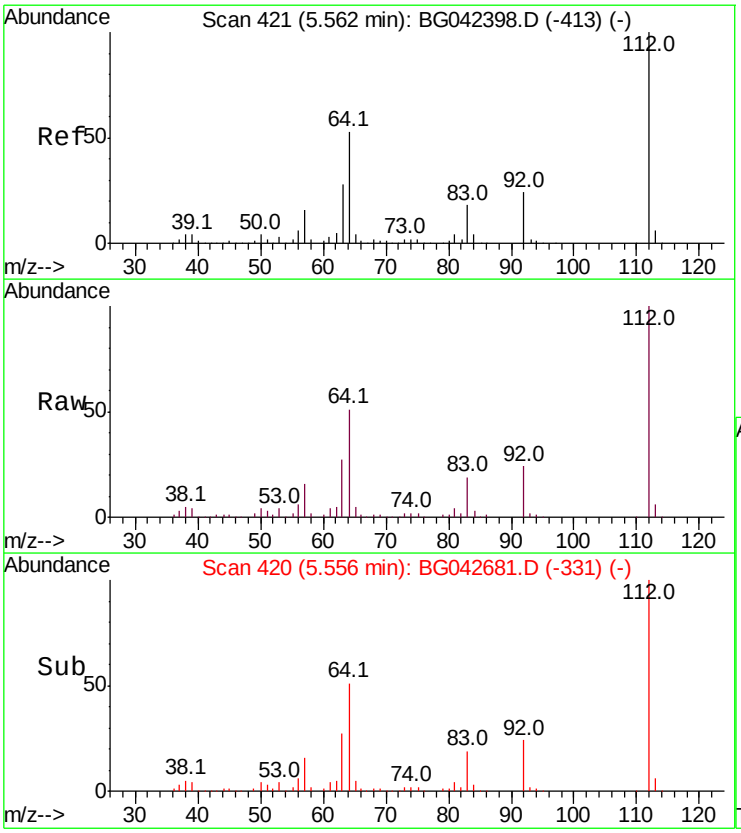
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31294

Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.4	188.0
115	50.1	38.5	57.7

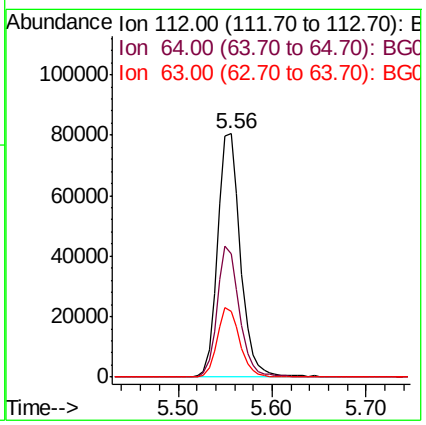


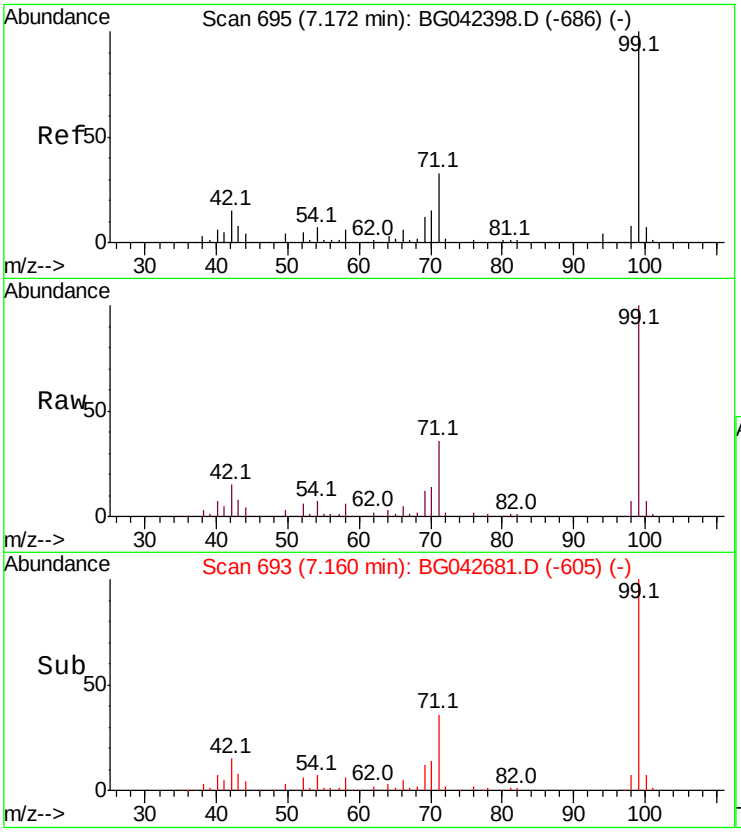


#5
2-Fluorophenol
Concen: 88.473 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:112 Resp: 136705

Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.8	64.2
63	27.1	22.7	34.1



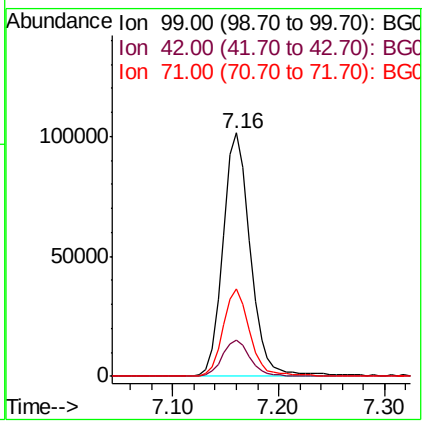


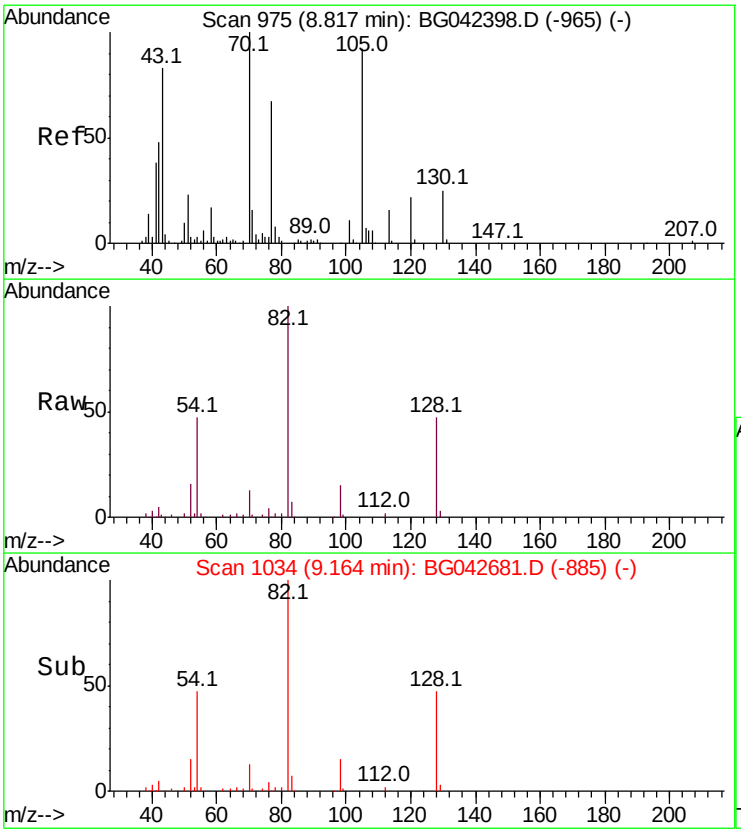
#7
Phenol-d6
Concen: 87.156 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 181908

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.0	18.0
71	35.8	26.3	39.5

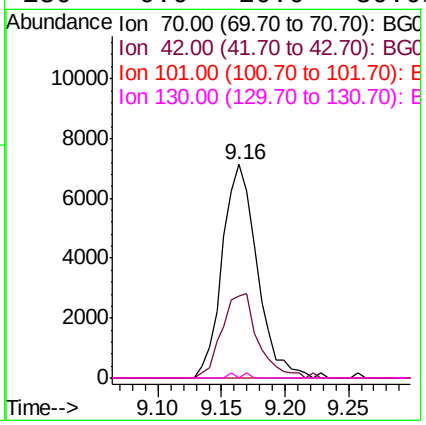


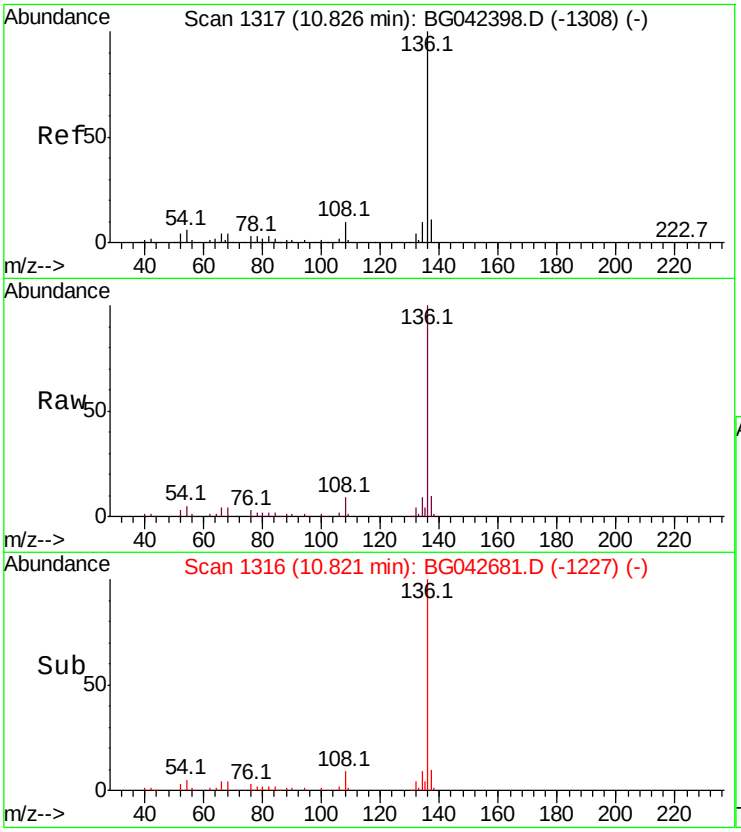


#19
n-Nitroso-di-n-propylamine
Concen: 10.084 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion: 70 Resp: 13635

Ion	Ratio	Lower	Upper
70	100		
42	38.1	38.8	58.2#
101	0.0	9.0	13.6#
130	0.0	20.0	30.0#



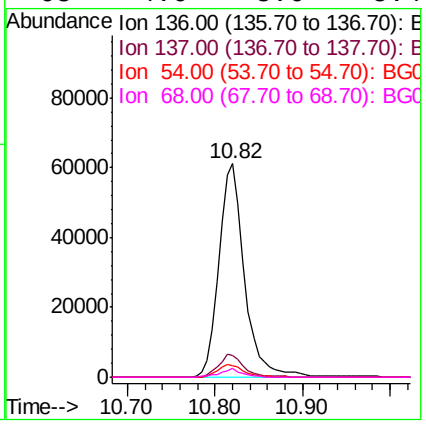


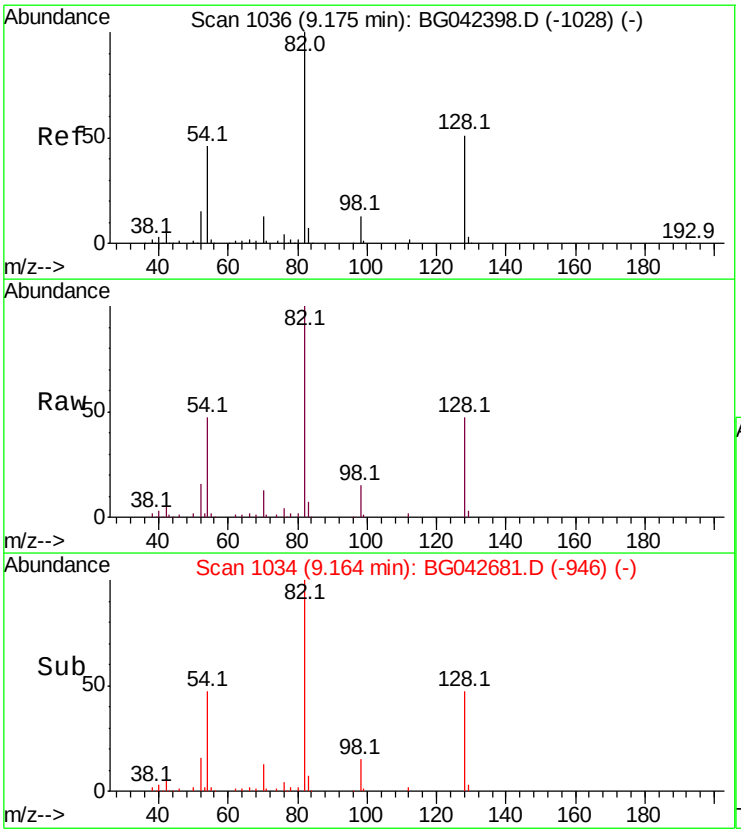
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 123762

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.4	4.9	7.3
68	4.0	3.6	5.4

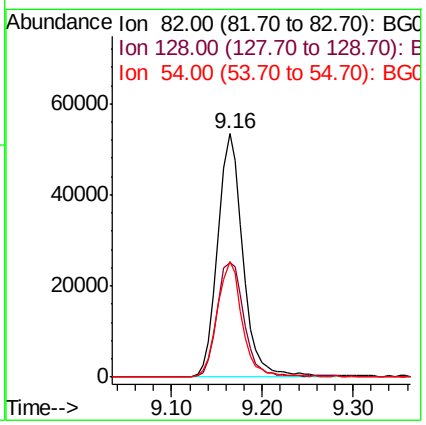


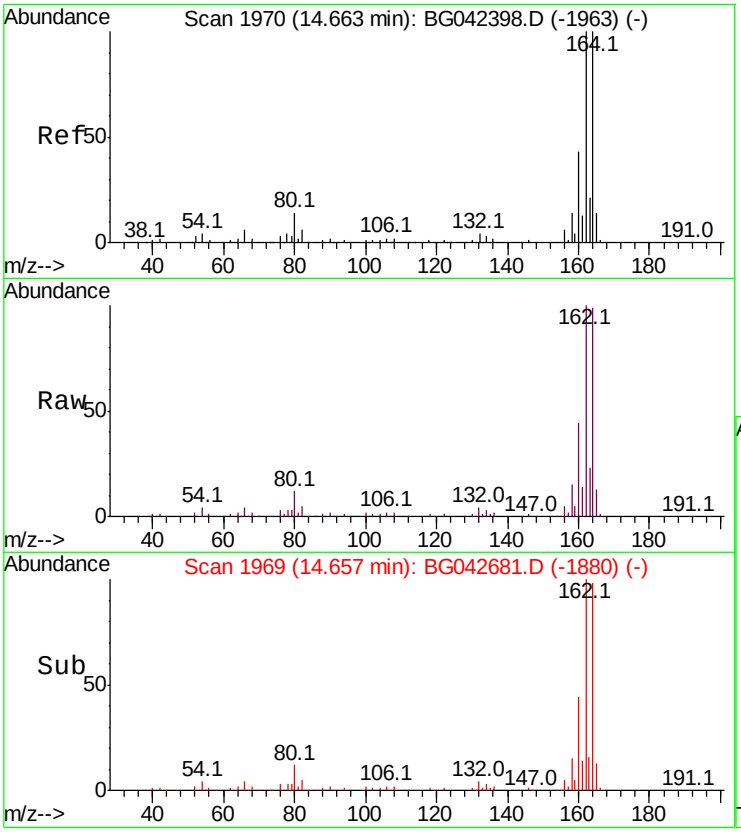


#23
Nitrobenzene-d5
Concen: 57.760 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion: 82 Resp: 103446

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.7	61.1
54	47.3	36.3	54.5



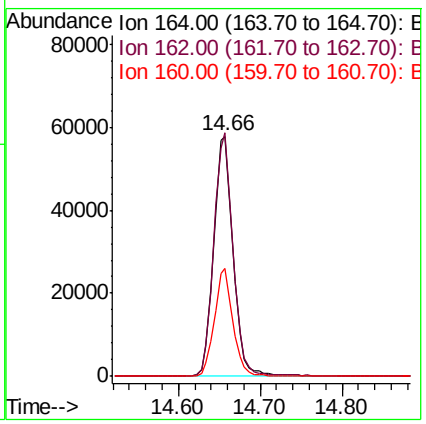


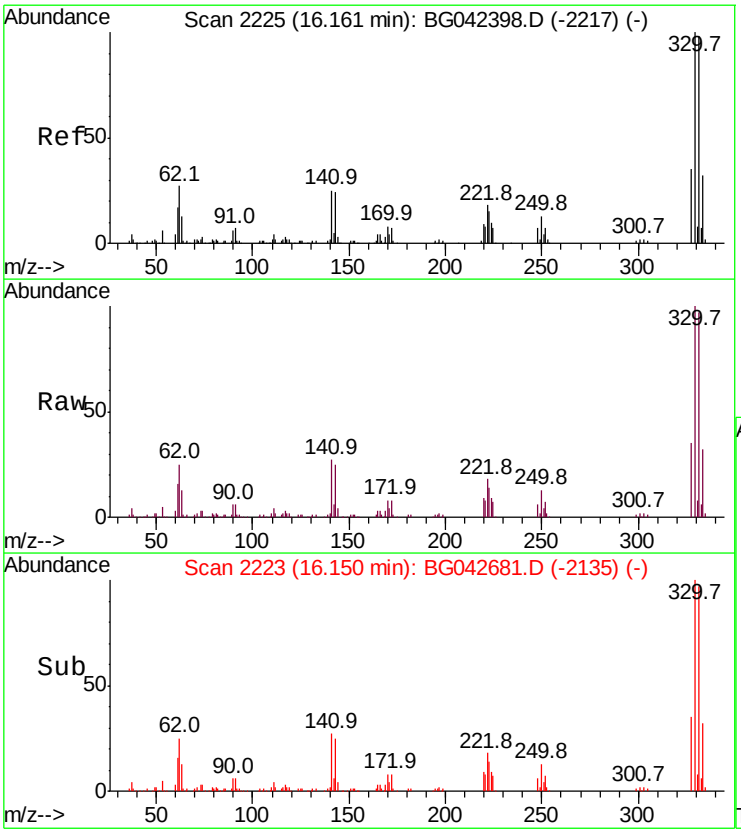
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 95983

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	44.9	34.3	51.5

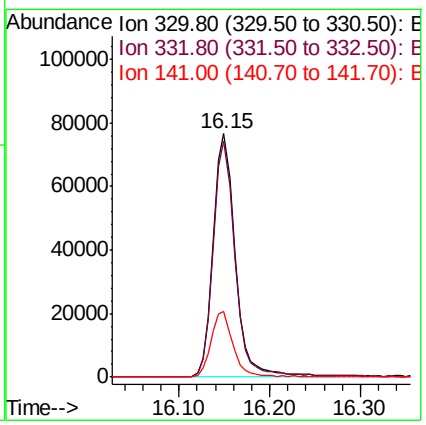


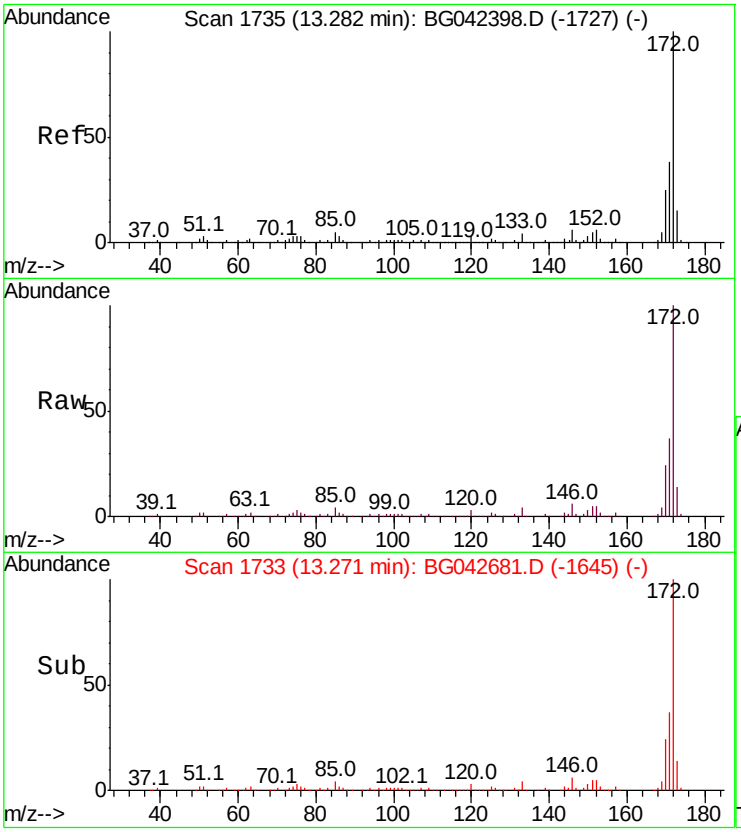


#42
2,4,6-Tribromophenol
Concen: 95.384 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:330 Resp: 130127

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	26.9	21.4	32.0



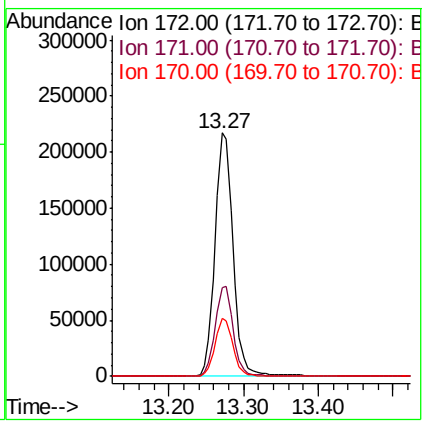


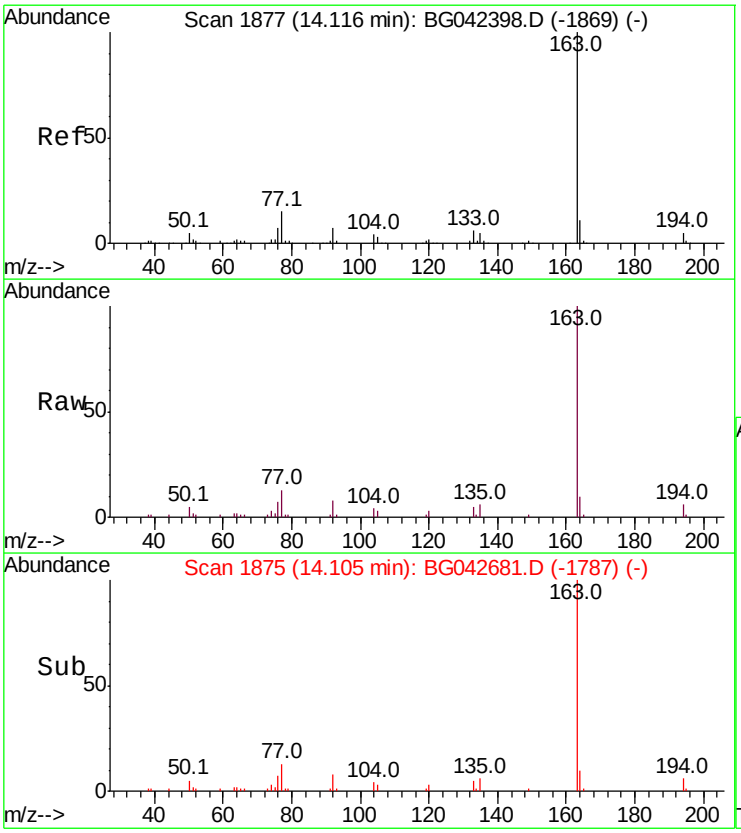
#45
2-Fluorobiphenyl
Concen: 64.499 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 366044

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.9	20.2	30.2

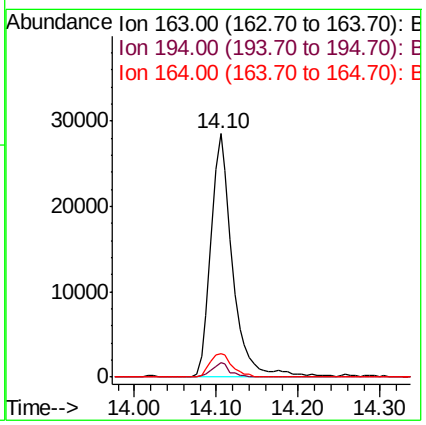


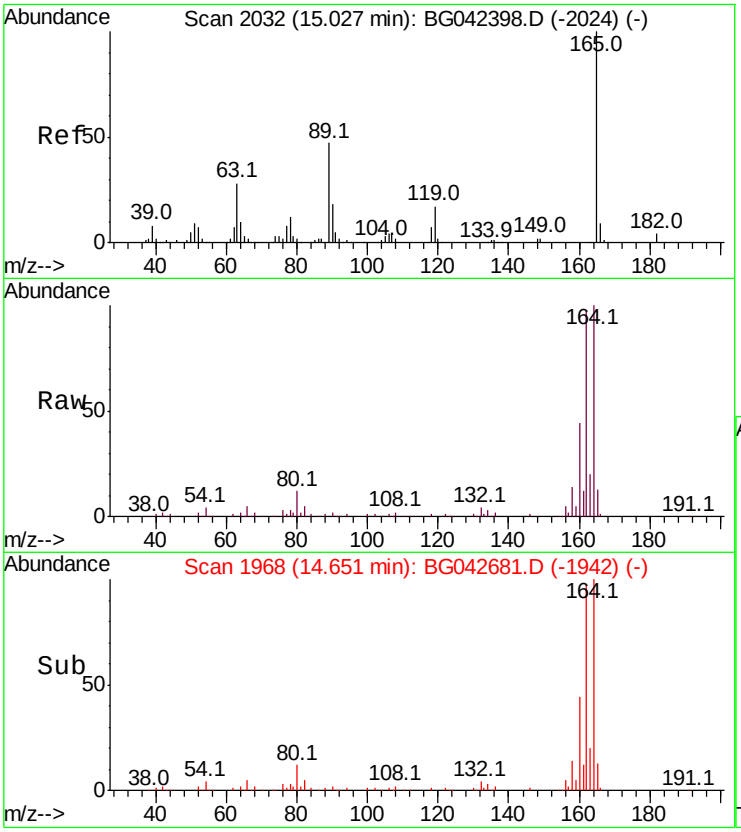


#50
Dimethylphthalate
Concen: 7.619 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:163 Resp: 52766

Ion	Ratio	Lower	Upper
163	100		
194	6.0	4.2	6.2
164	9.6	8.8	13.2



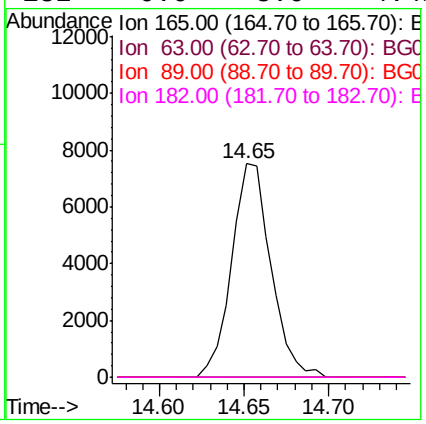


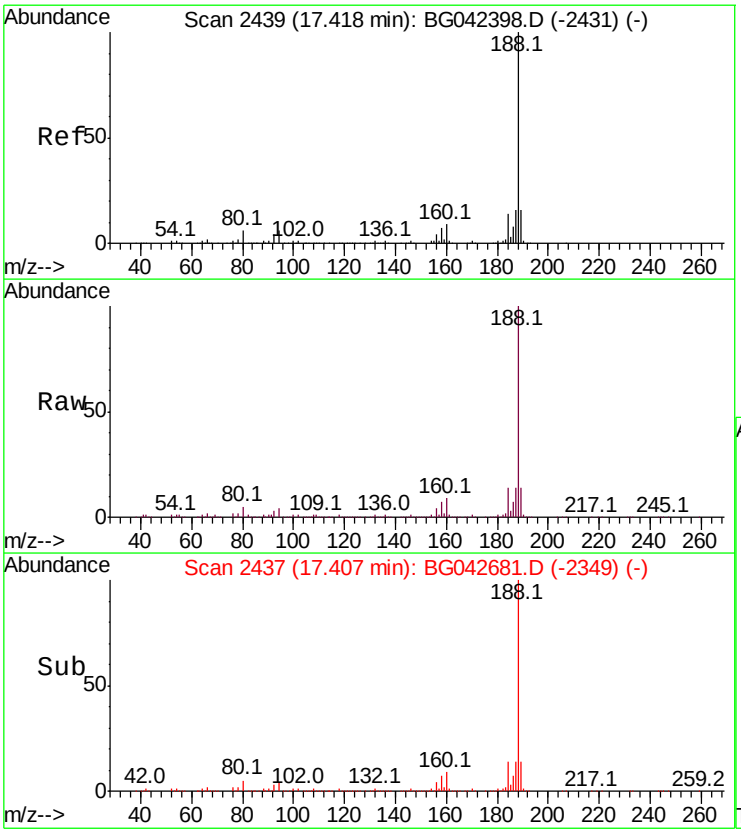
#57
2,4-Dinitrotoluene
Concen: 5.304 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.38 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12192

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#

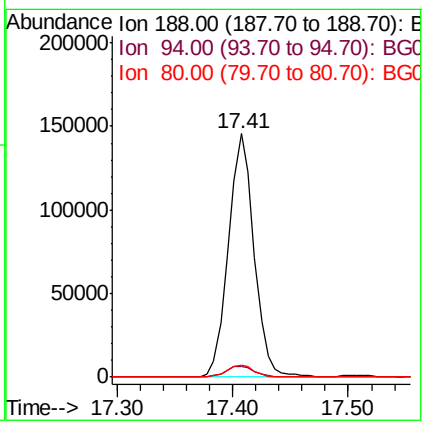


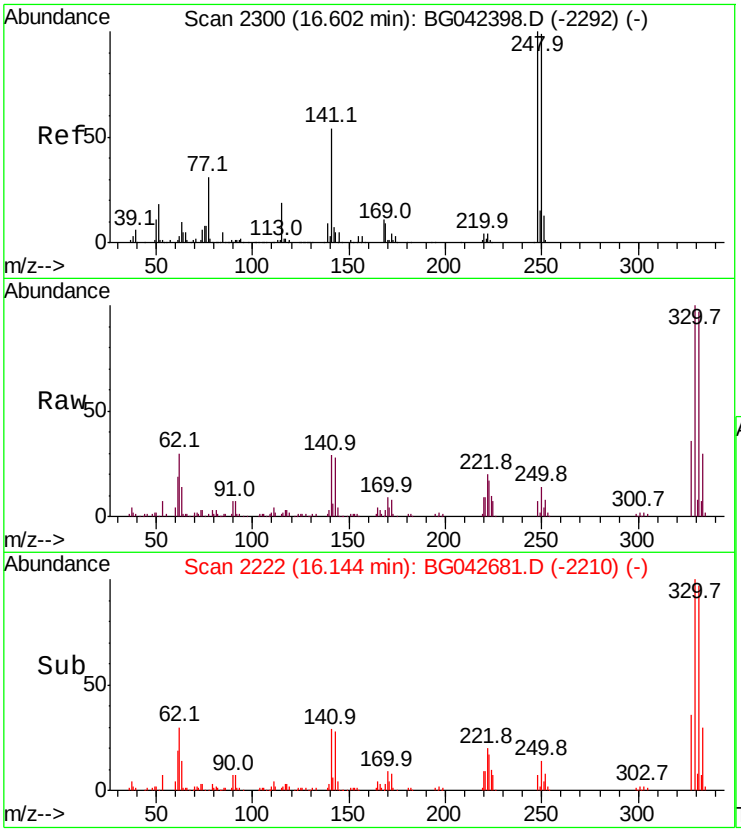


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:188 Resp: 224280

Ion	Ratio	Lower	Upper
188	100		
94	4.4	4.5	6.7#
80	5.1	4.9	7.3



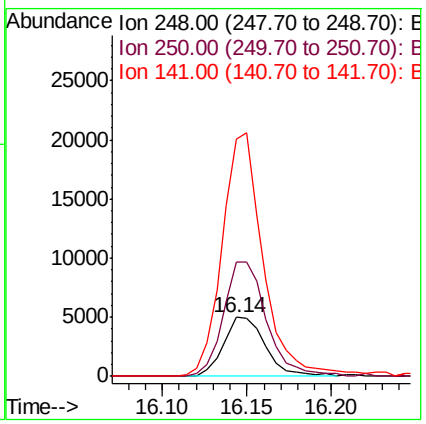


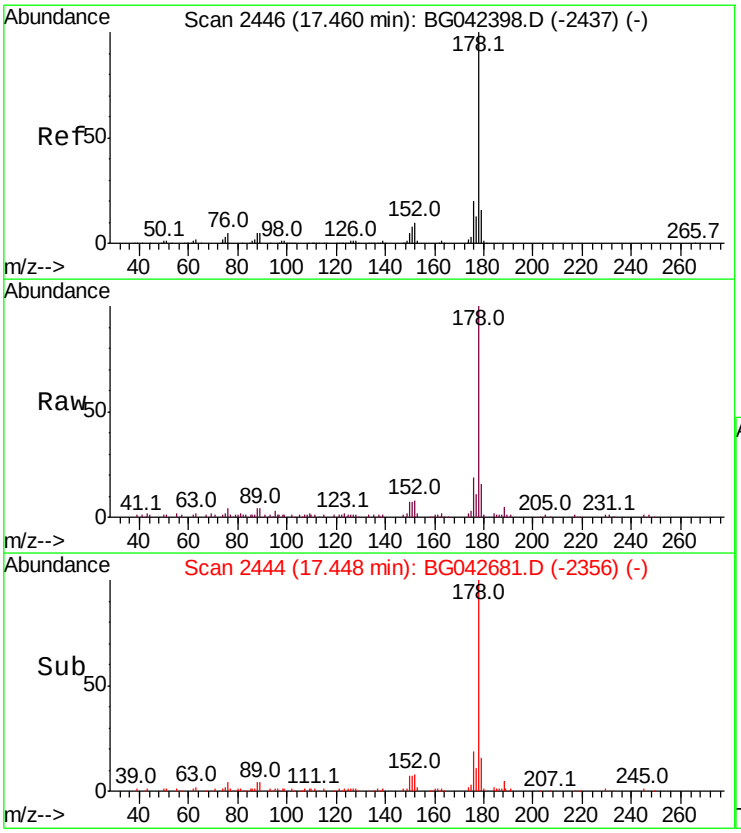
#67
4-Bromophenyl-phenylether
Concen: 3.029 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8616

Ion	Ratio	Lower	Upper
248	100		
250	193.1	78.9	118.3#
141	400.0	43.3	64.9#

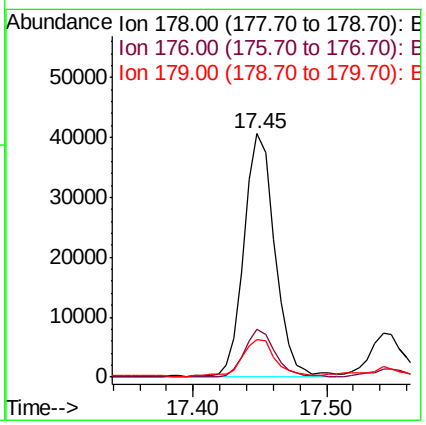


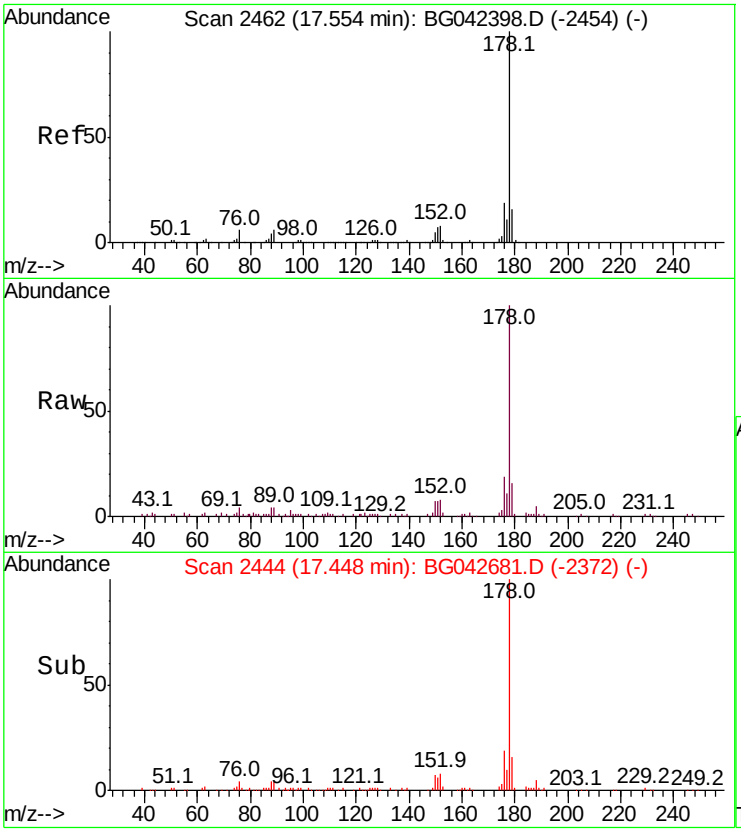


#71
Phenanthrene
Concen: 5.750 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:178 Resp: 64062

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.7	19.1



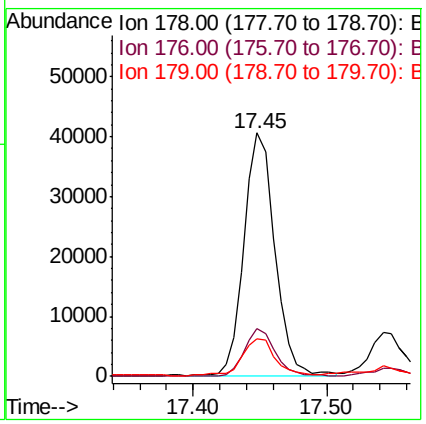


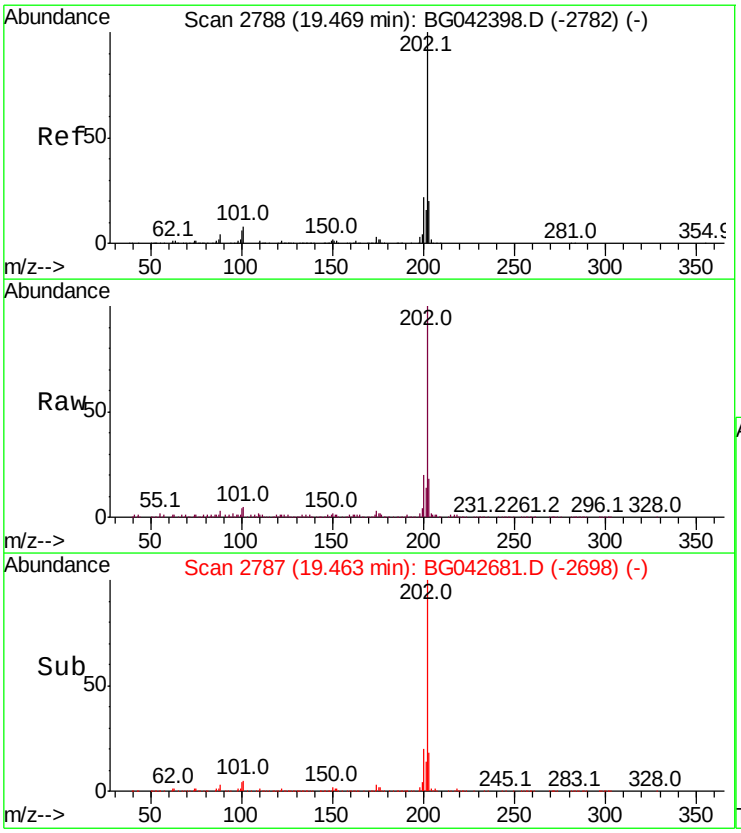
#72
Anthracene
Concen: 5.760 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.11 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 64062

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.9	19.3

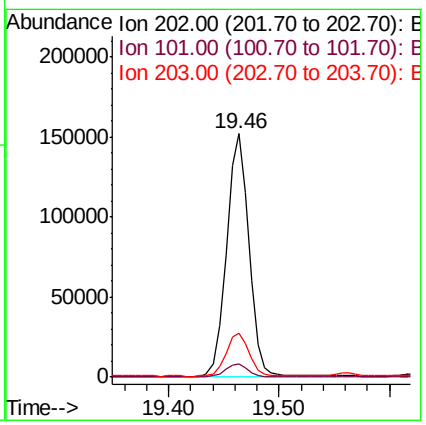


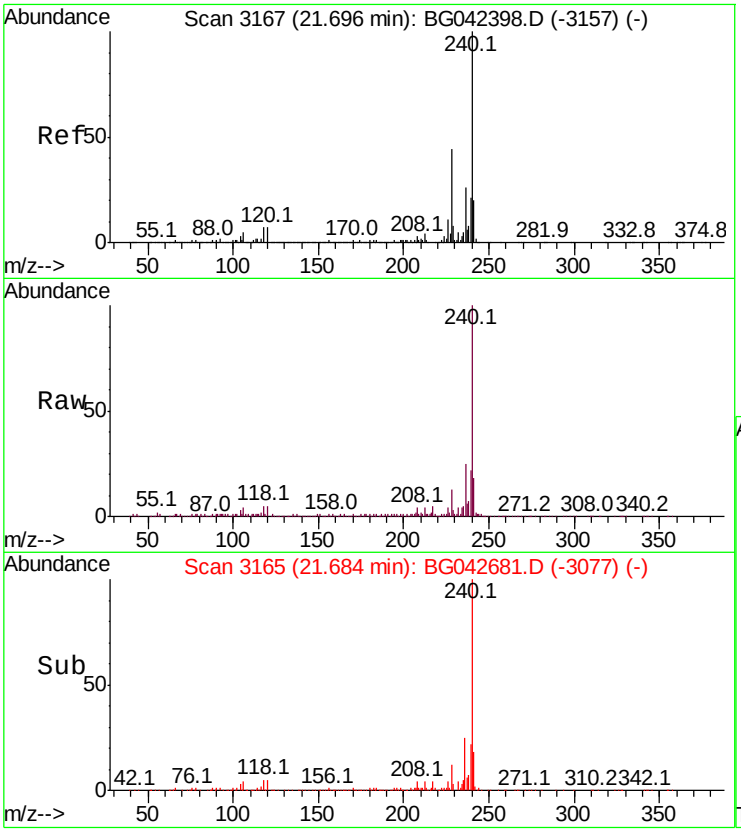


#75
Fluoranthene
Concen: 15.911 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:202 Resp: 216325

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	28.3
203	18.2	0.0	39.6



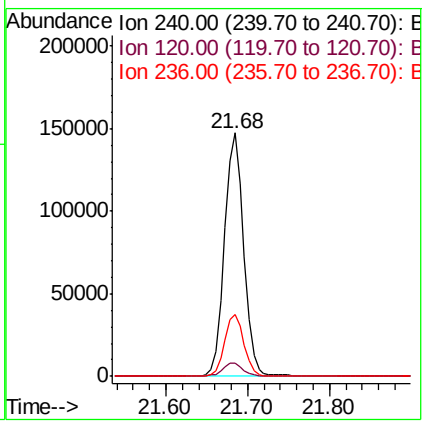


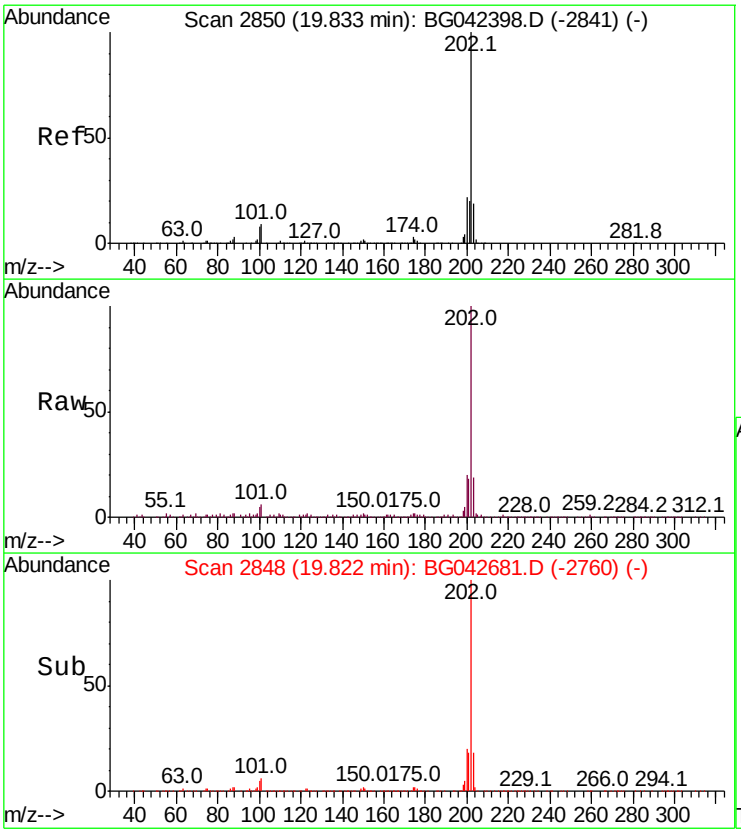
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 241552

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.4	21.0	31.4

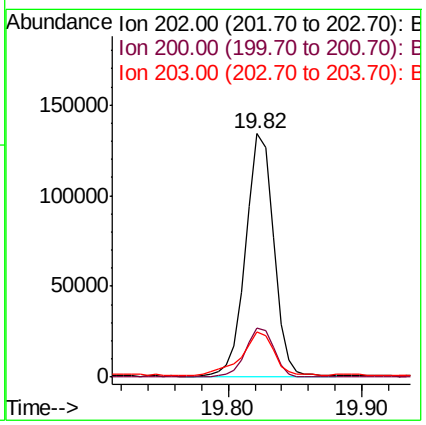


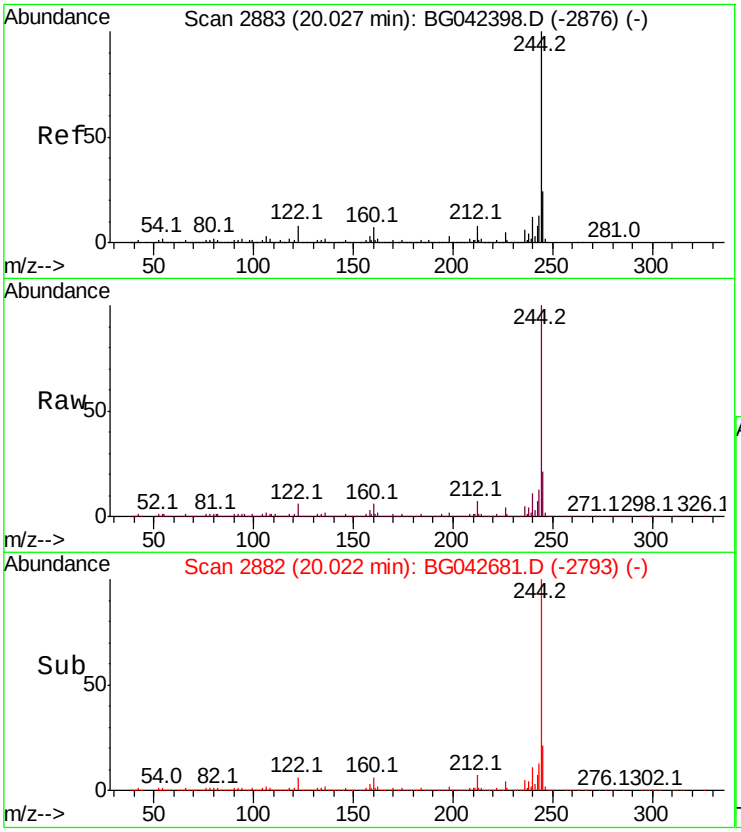


#78
Pyrene
Concen: 13.075 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:202 Resp: 193634

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	18.6	15.5	23.3



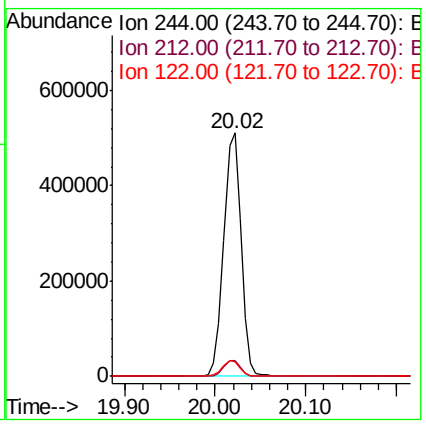


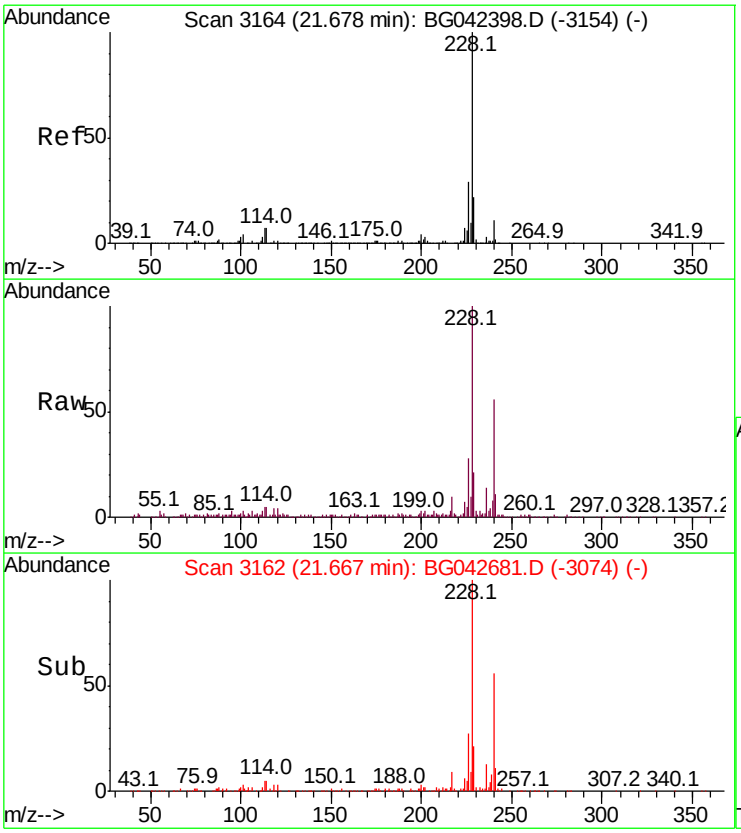
#79
Terphenyl-d14
Concen: 60.846 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 679837

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	6.2	6.7	10.1#

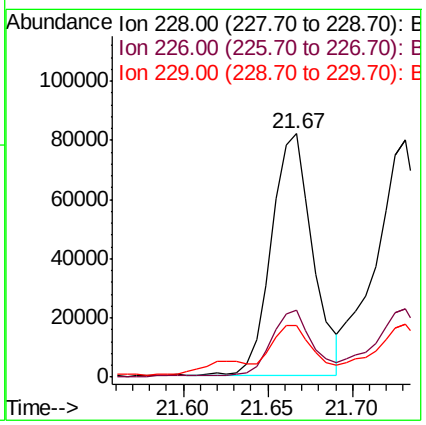


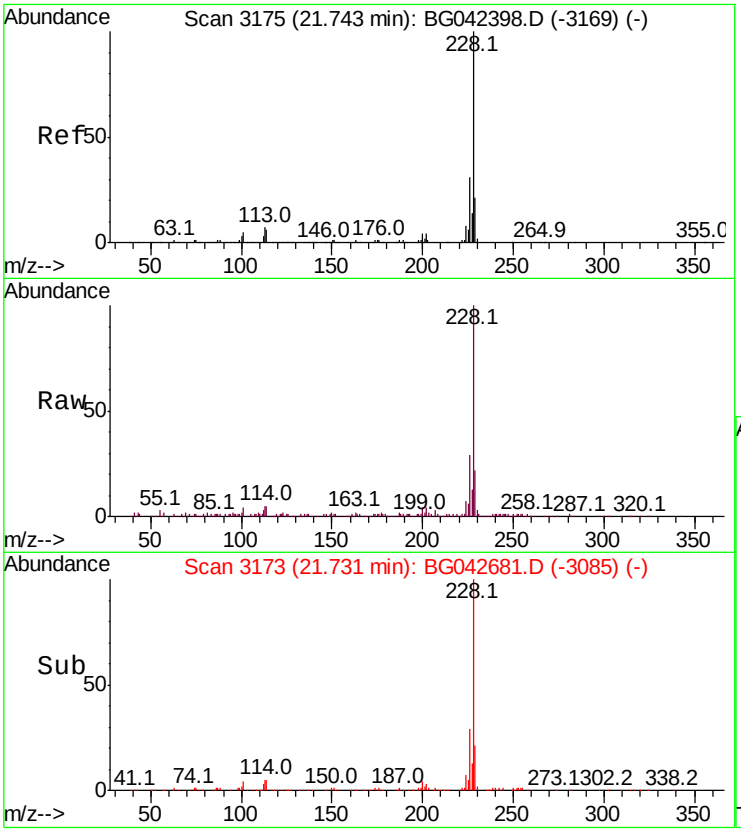


#81
Benzo(a)anthracene
Concen: 9.415 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:228 Resp: 138349

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	21.0	17.4	26.2



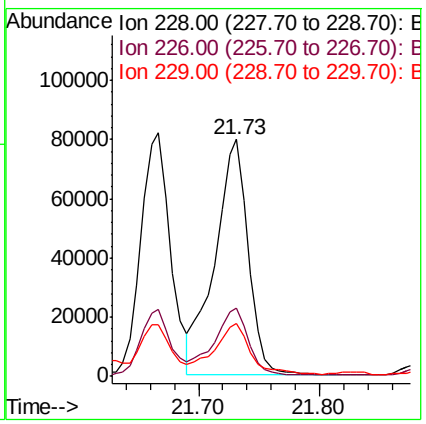


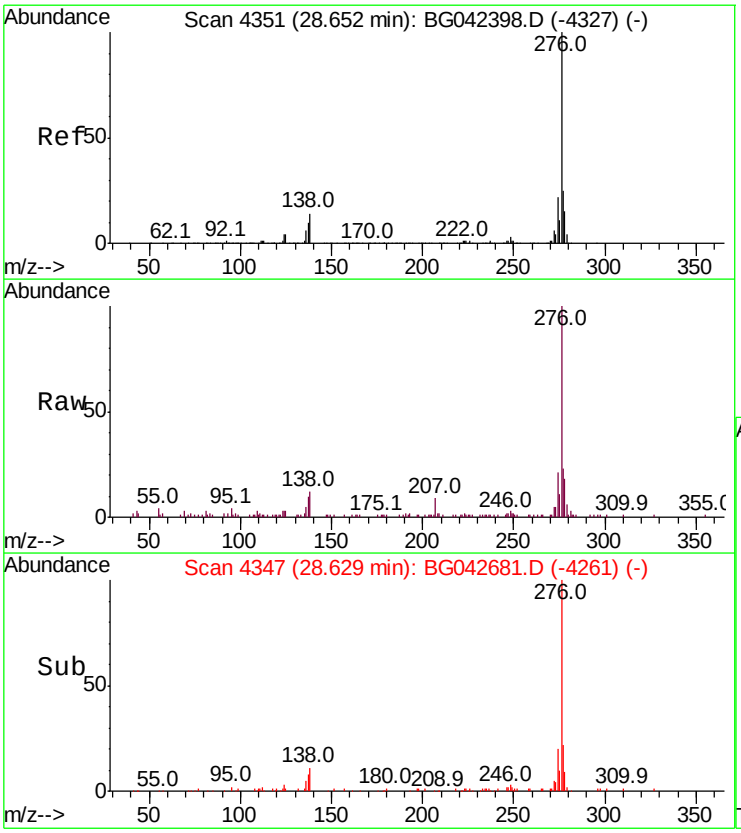
#83
Chrysene
Concen: 10.730 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 152052

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	22.1	16.9	25.3

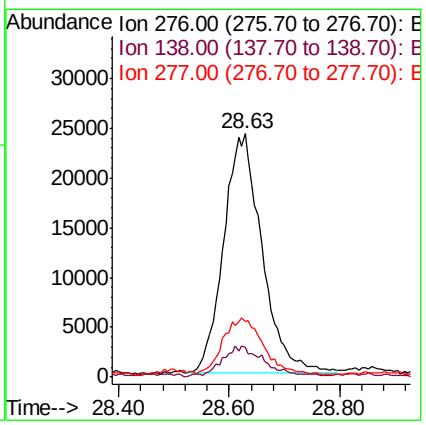


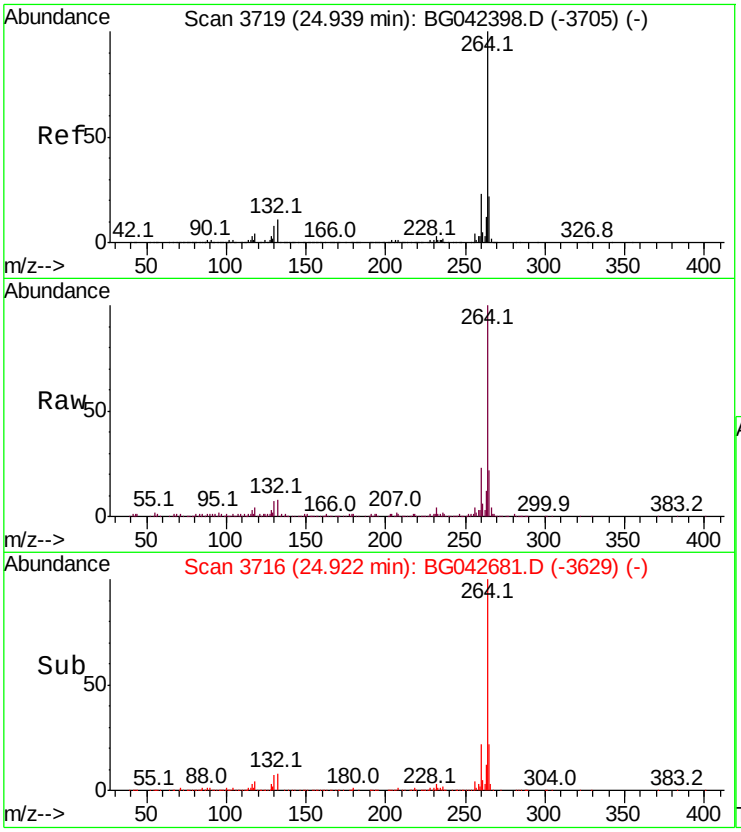


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.964 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:276 Resp: 114859

Ion	Ratio	Lower	Upper
276	100		
138	14.9	9.2	13.8#
277	24.5	21.0	31.6



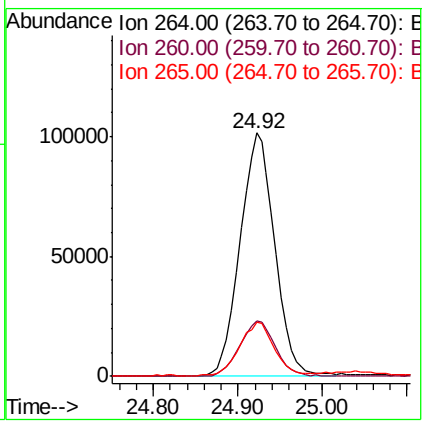


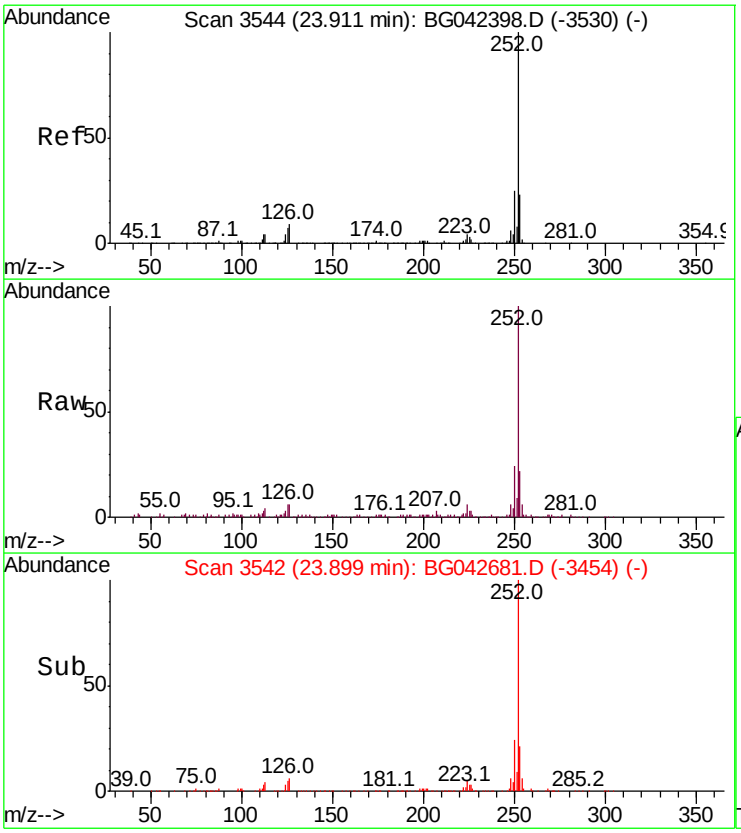
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 289057

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.1	17.6	26.4

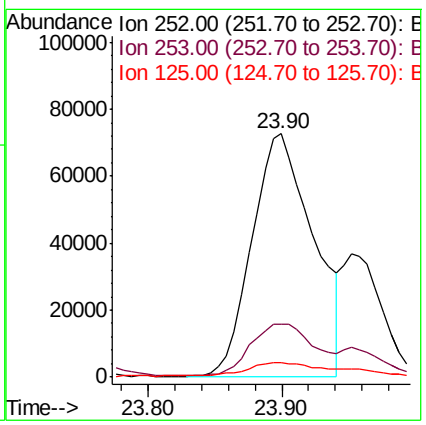


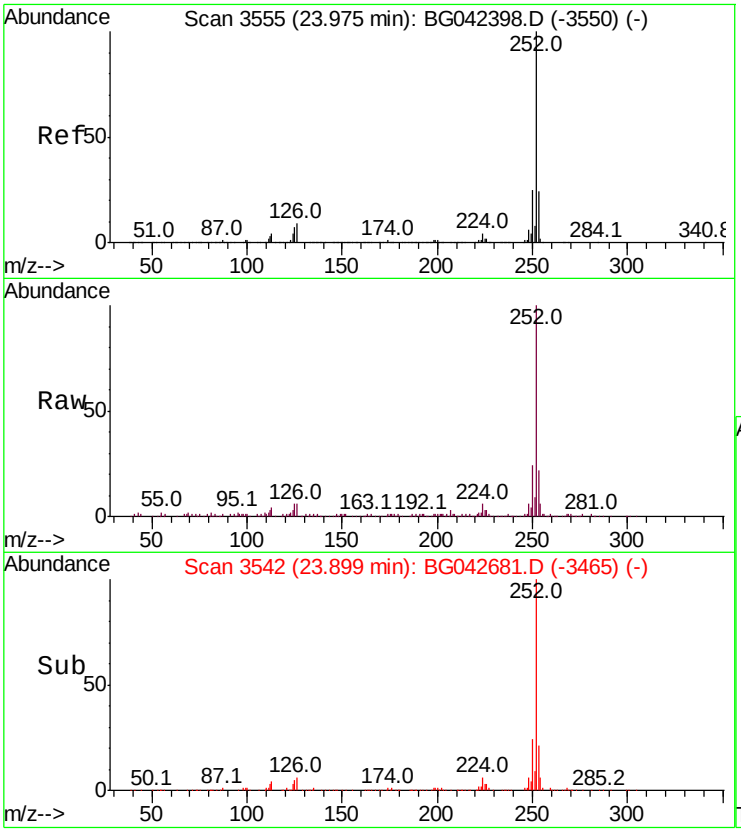


#88
Benzo(b)fluoranthene
Concen: 14.522 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:252 Resp: 230769

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	5.9	5.6	8.4



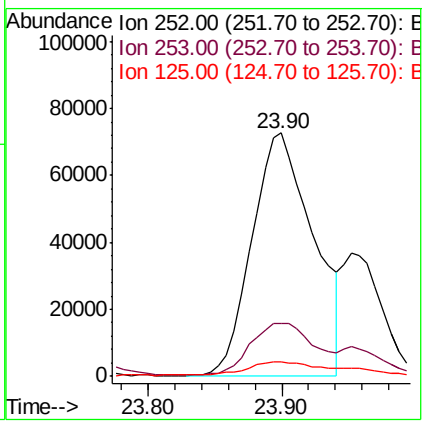


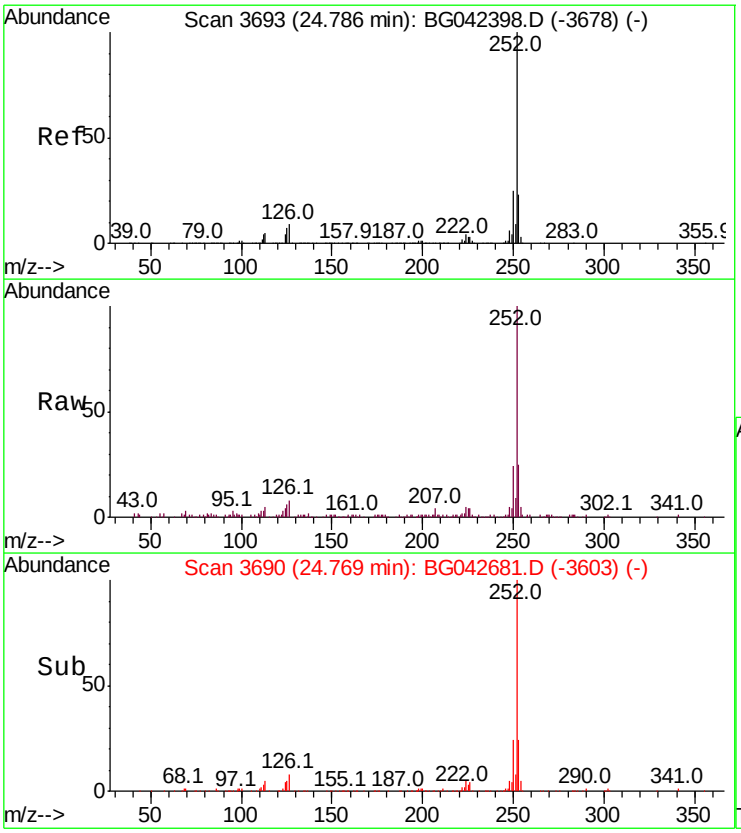
#89
Benzo(k)fluoranthene
Concen: 15.108 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 230769

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	5.9	5.8	8.6

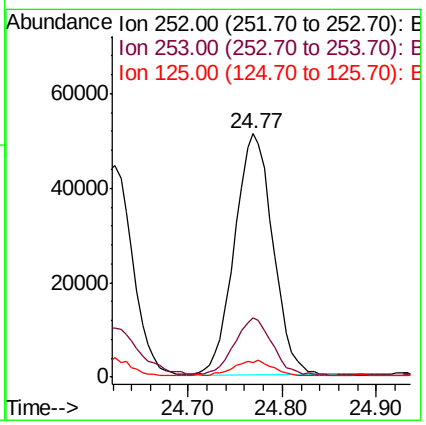


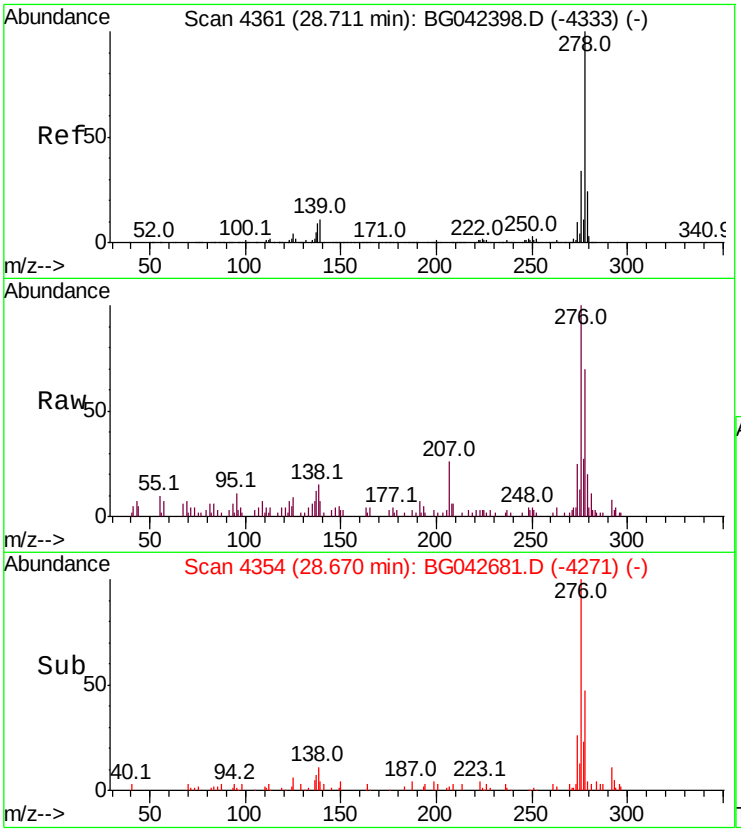


#90
Benzo(a)pyrene
Concen: 9.595 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:252 Resp: 144688

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	6.2	6.0	9.0



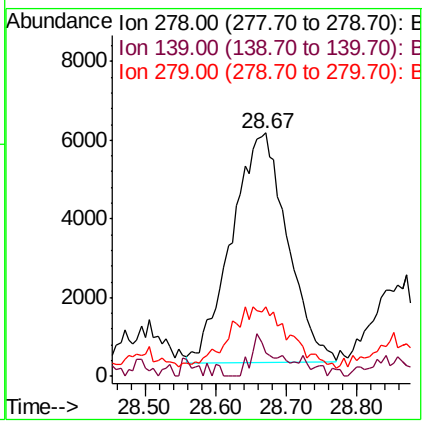


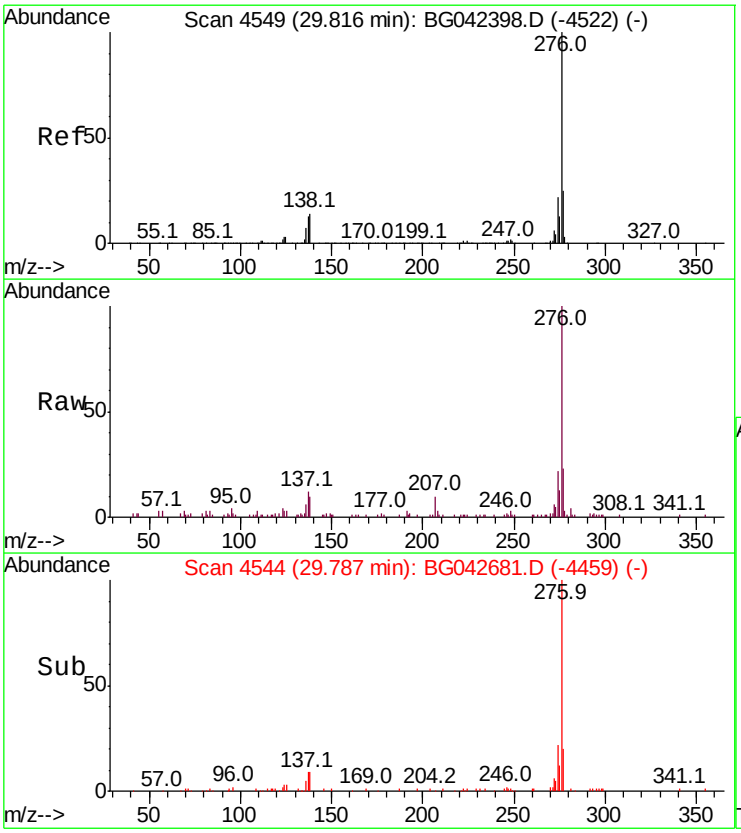
#91
Dibenzo(a,h)anthracene
Concen: 2.096 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.04 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 32006

Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.8	13.2
279	28.3	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 8.025 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042681.D
Acq: 2 Sep 2019 3:37

Tgt Ion:276 Resp: 122544

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.8	29.8
138	10.4	11.4	17.0#