Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042861.D
Acq On : 16 Sep 2019 23:01
Operator : HP/JU
Sample : K4850-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 17 01:22:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	117923	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	461790	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	295341	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	589495	20.00	ng		0.00
76) Chrysene-d12	21.76	240	578819	20.00	ng		0.00
87) Perylene-d12	25.04	264	657773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	645559	95.18	ng		0.00
7) Phenol-d6	7.27	99	959823	98.59	ng		0.00
23) Nitrobenzene-d5	9.28	82	606523	68.38	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	360595	91.77	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1044913	56.00	ng		0.00
79) Terphenyl-d14	20.09	244	1303251	49.90	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	83368	11.621	ng	#	66
32) Benzoic acid	10.15	122	832	6.103	ng		97
37) 2-Methylnaphthalene	12.79	142	70422	4.123	ng		98
38) 1-Methylnaphthalene	12.79	142	70422	4.396	ng	#	96
49) Acenaphthylene	14.46	152	391771	14.989	ng		100
50) Dimethylphthalate	14.18	163	258991	11.706	ng		99
52) Acenaphthene	14.80	154	112800	6.606	ng		99
58) Fluorene	15.78	166	115728	5.502	ng		97
67) 4-Bromophenyl-phenylether	16.22	248	24740	3.467	ng	#	1
71) Phenanthrene	17.61	178	117385	4.164	ng		97
72) Anthracene	17.61	178	117385	4.168	ng		98
75) Fluoranthene	19.53	202	735335	20.126	ng		95
78) Pyrene	19.68	202	199531	5.506	ng		95
81) Benzo(a)anthracene	21.74	228	1479449	40.200	ng	#	86
83) Chrysene	21.81	228	1269194	36.408	ng		96
86) Indeno(1,2,3-cd)pyrene	28.78	276	730308	16.917	ng	#	92
88) Benzo(b)fluoranthene	24.01	252	1402390	36.310	ng		97
89) Benzo(k)fluoranthene	24.01	252	1402390	38.438	ng		97
90) Benzo(a)pyrene	24.89	252	1753598	48.489	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	235560	6.622	ng		95
92) Benzo(g,h,i)perylene	29.94	276	797727	22.993	ng		98

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

Quantitation Report (Not Reviewed)

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Data File : BG042861.D
Acq On : 16 Sep 2019 23:01
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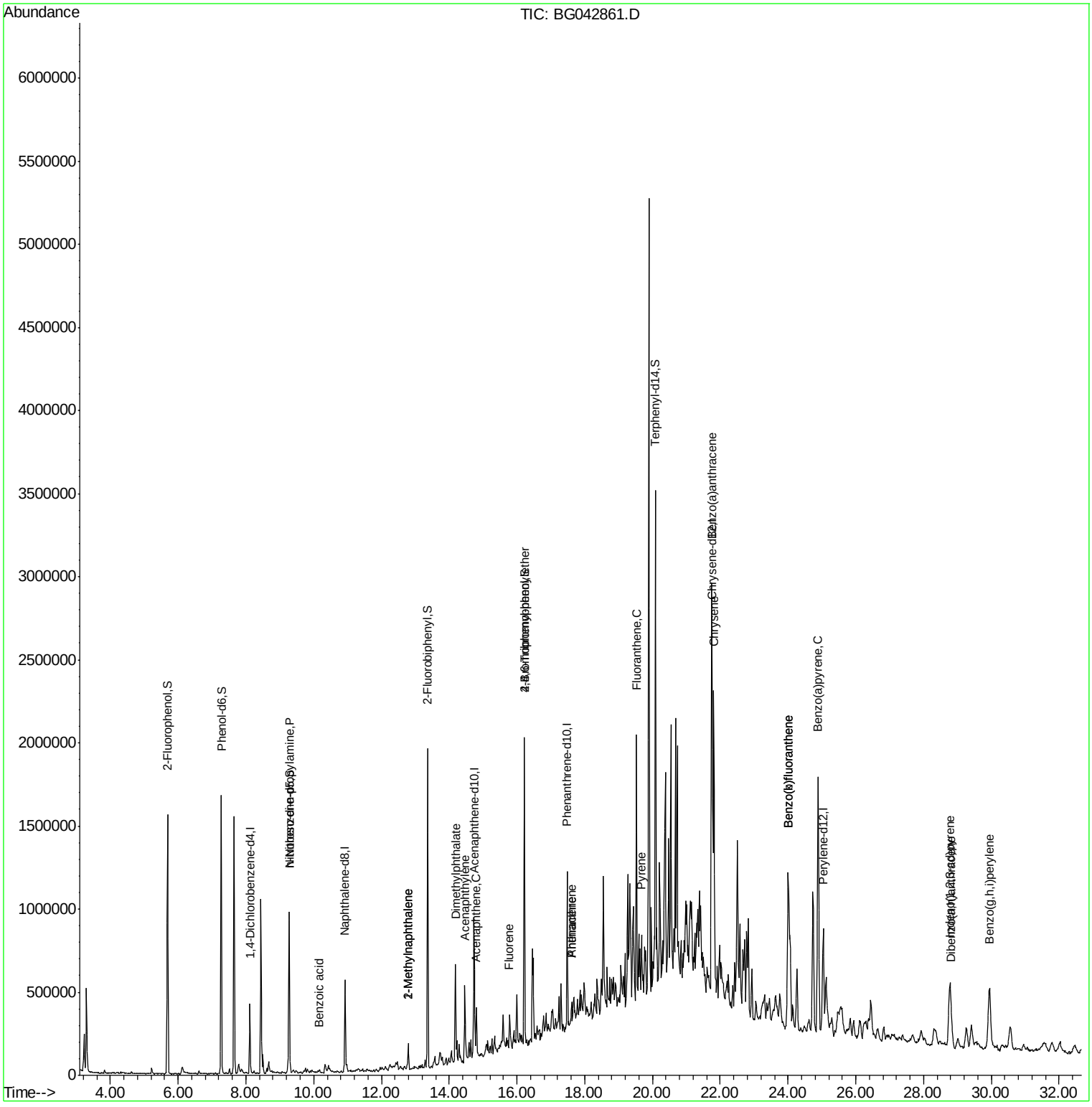
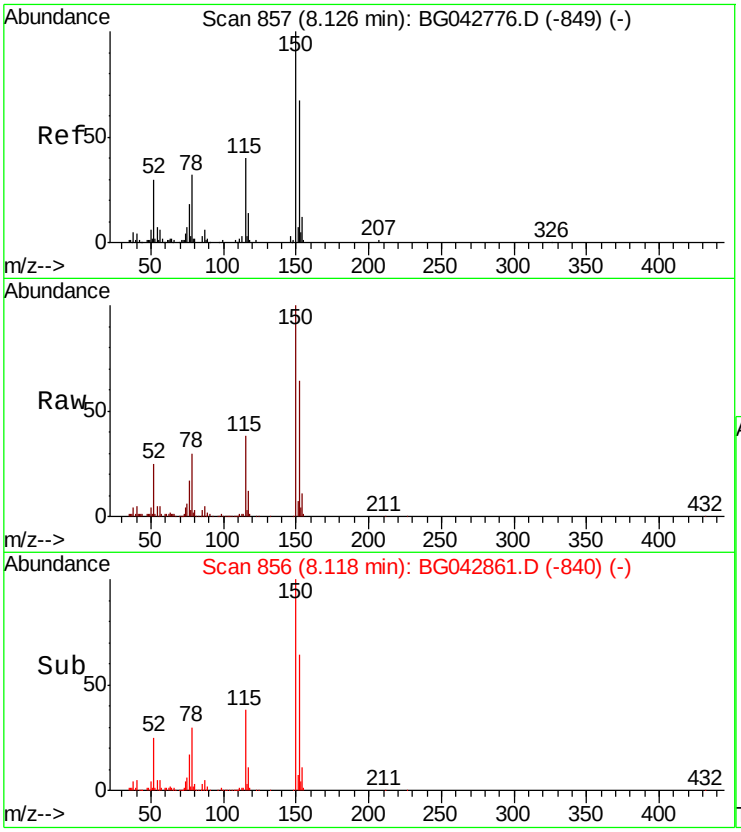
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 17 01:22:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



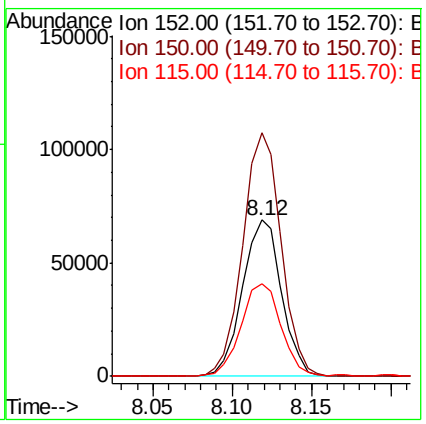


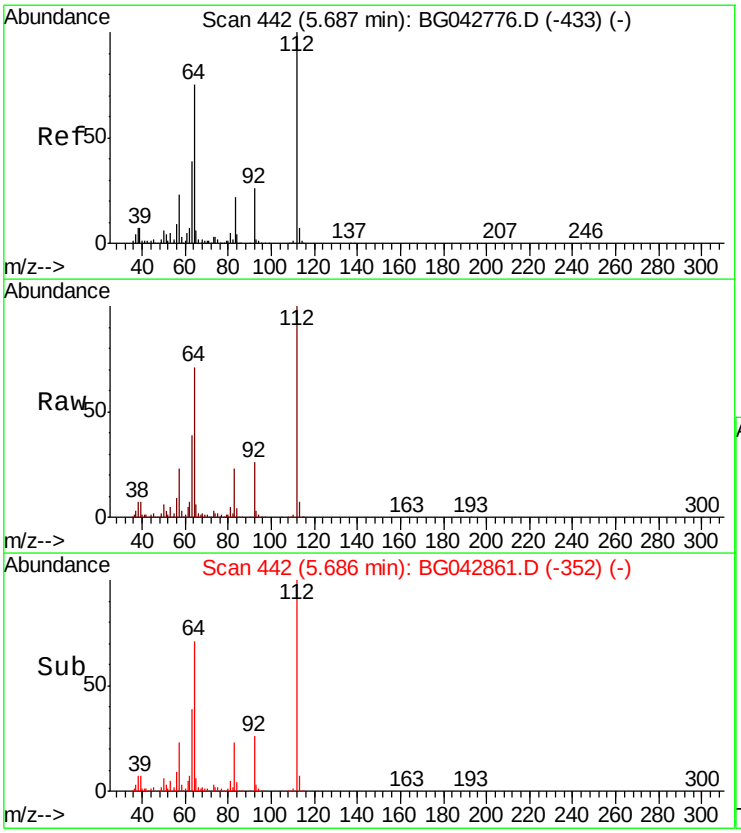
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 117923

Ion	Ratio	Lower	Upper
152	100		
150	155.9	118.9	178.3
115	59.2	47.4	71.2

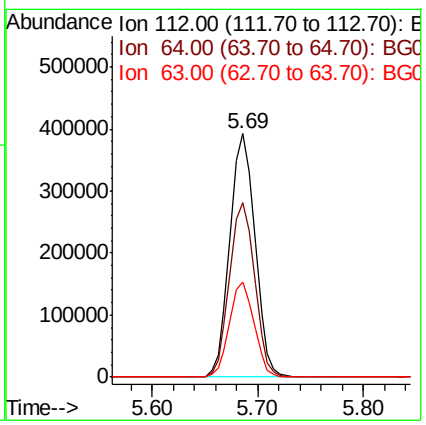


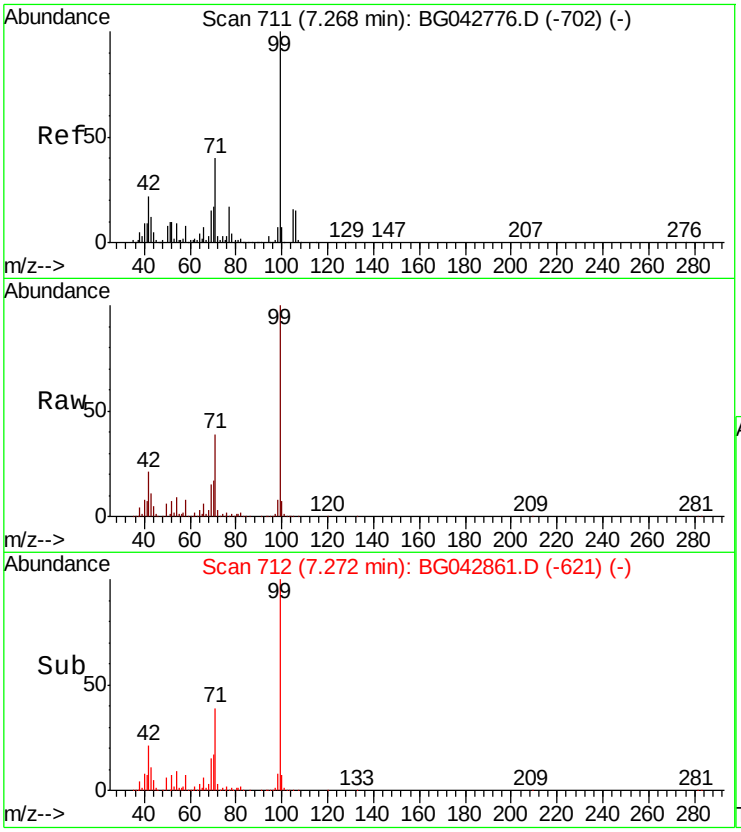


#5
2-Fluorophenol
Concen: 95.175 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:112 Resp: 645559

Ion	Ratio	Lower	Upper
112	100		
64	71.5	60.2	90.2
63	39.2	31.2	46.8



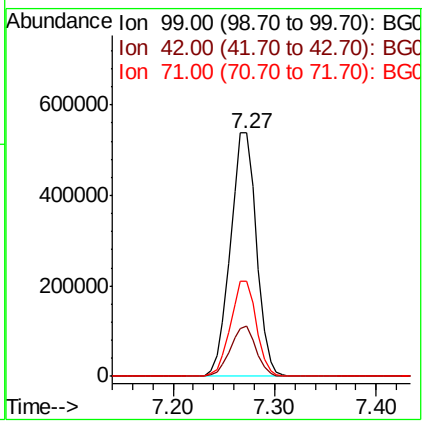


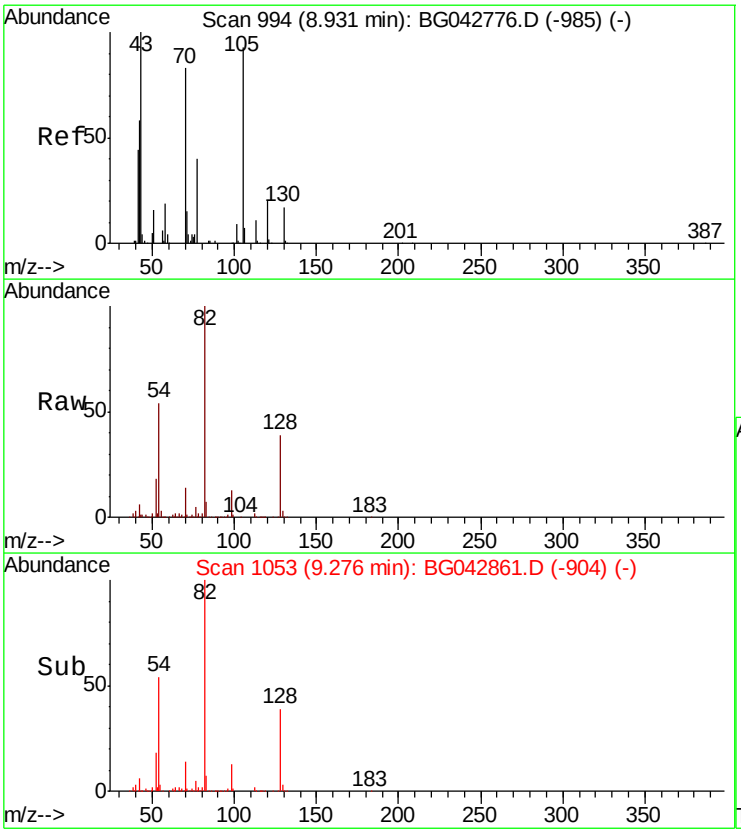
#7
Phenol-d6
Concen: 98.588 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 959823

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.5	26.3
71	39.2	32.0	48.0

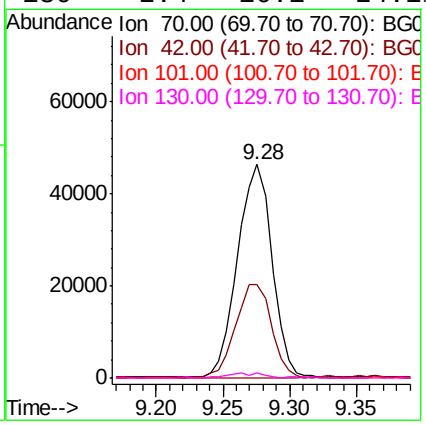


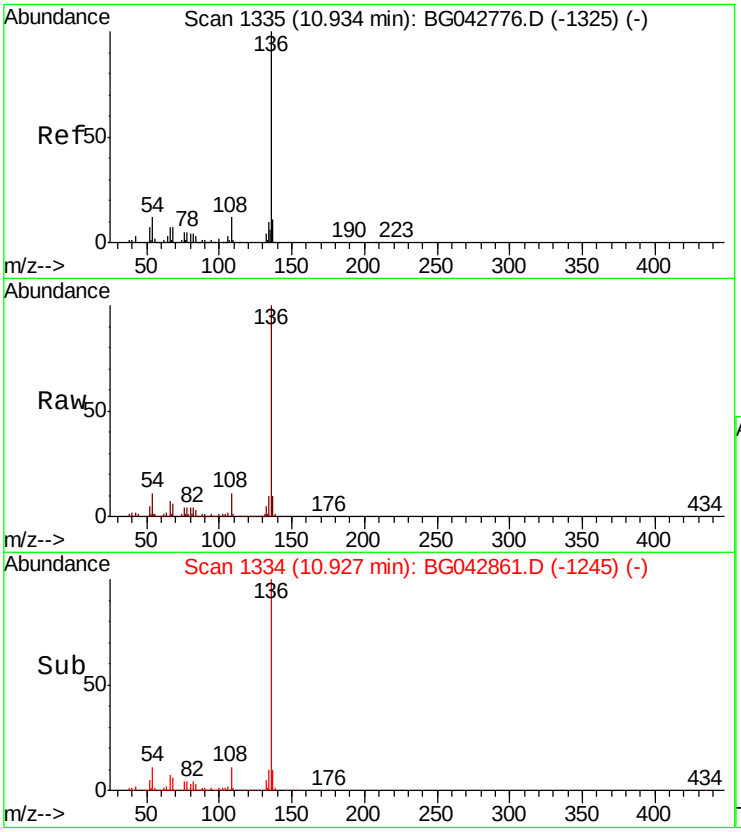


#19
n-Nitroso-di-n-propylamine
Concen: 11.621 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.35 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion: 70 Resp: 83368

Ion	Ratio	Lower	Upper
70	100		
42	43.7	57.0	85.6#
101	0.0	8.4	12.6#
130	2.4	16.1	24.1#



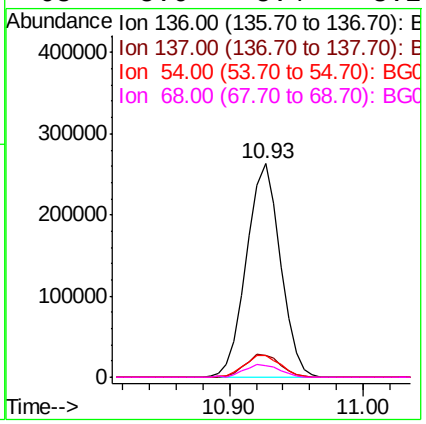


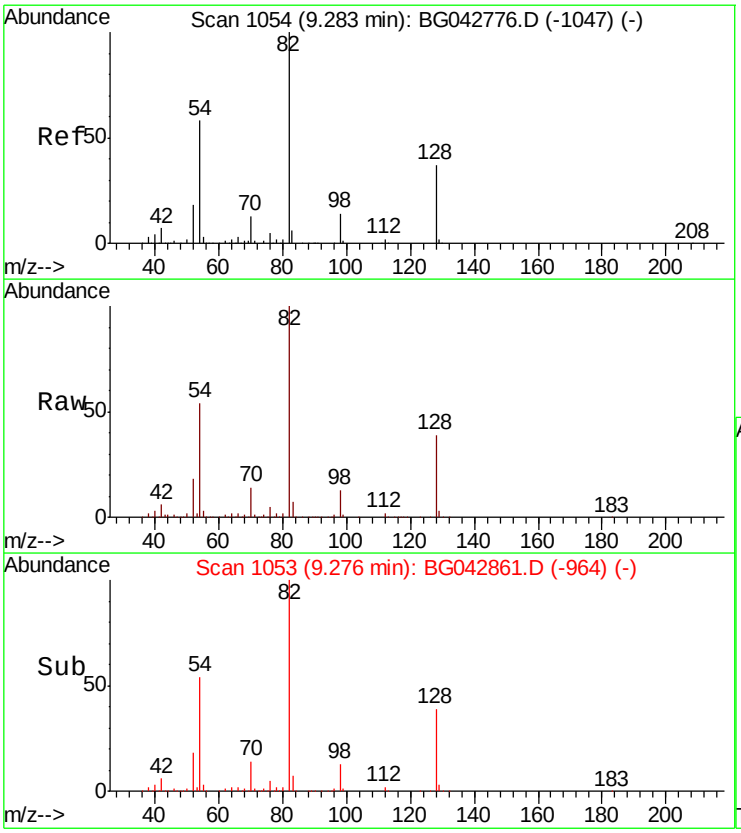
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 461790

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	10.5	9.4	14.0
68	5.6	5.4	8.2

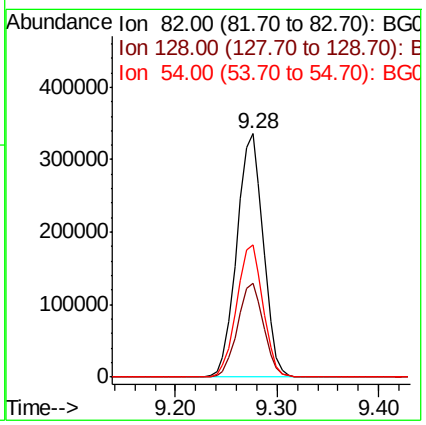


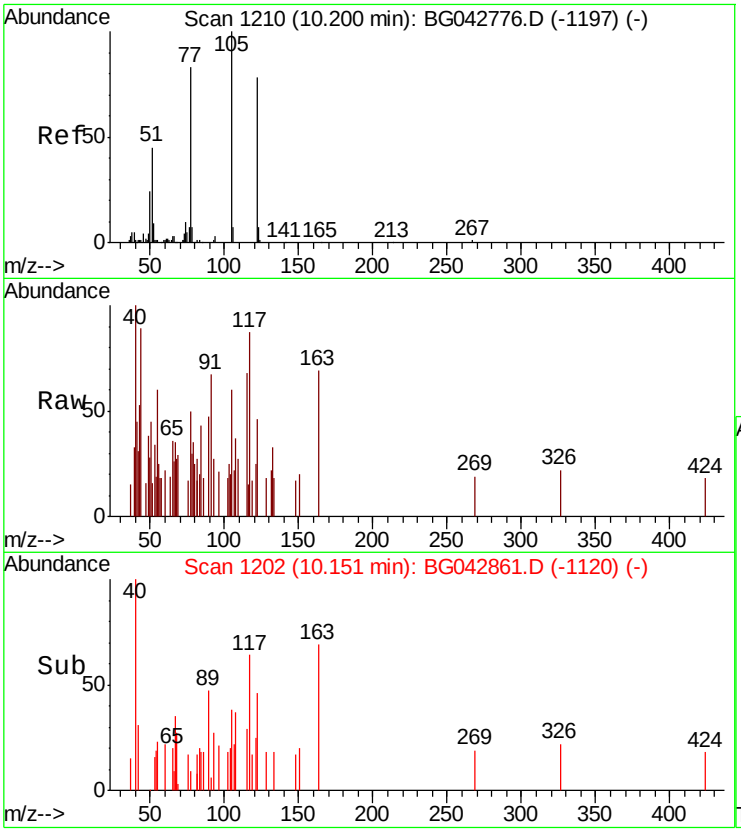


#23
Nitrobenzene-d5
Concen: 68.380 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion: 82 Resp: 606523

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.8
54	54.4	46.1	69.1



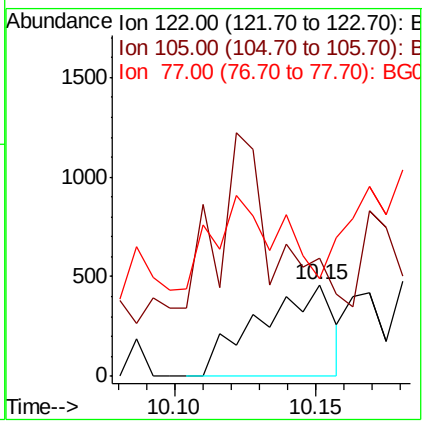


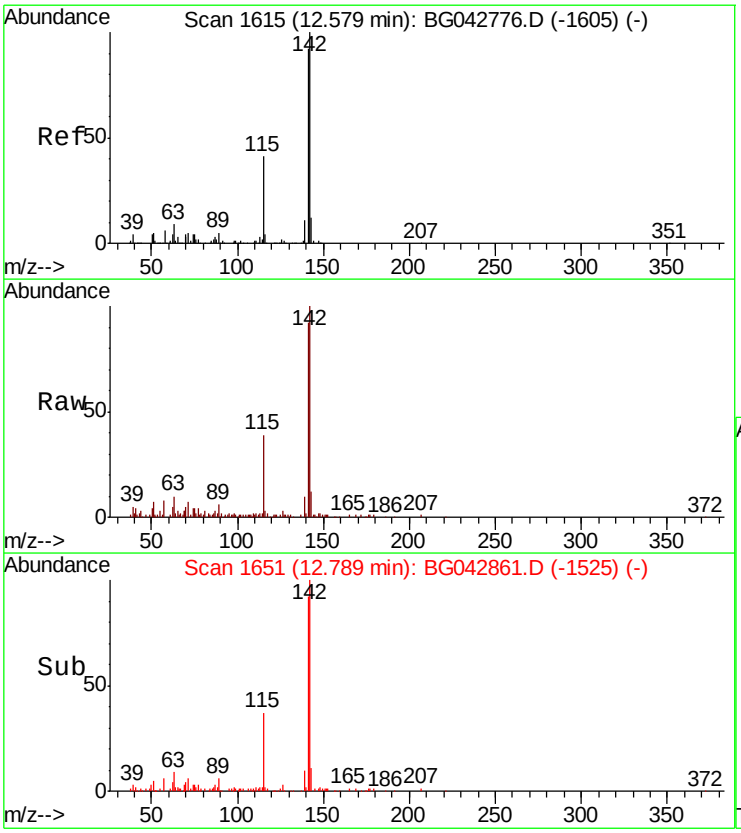
#32
Benzoic acid
Concen: 6.103 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 832

Ion	Ratio	Lower	Upper
122	100		
105	128.5	104.0	144.0
77	107.0	84.2	124.2

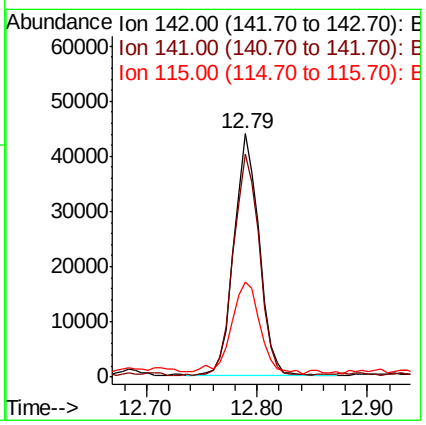


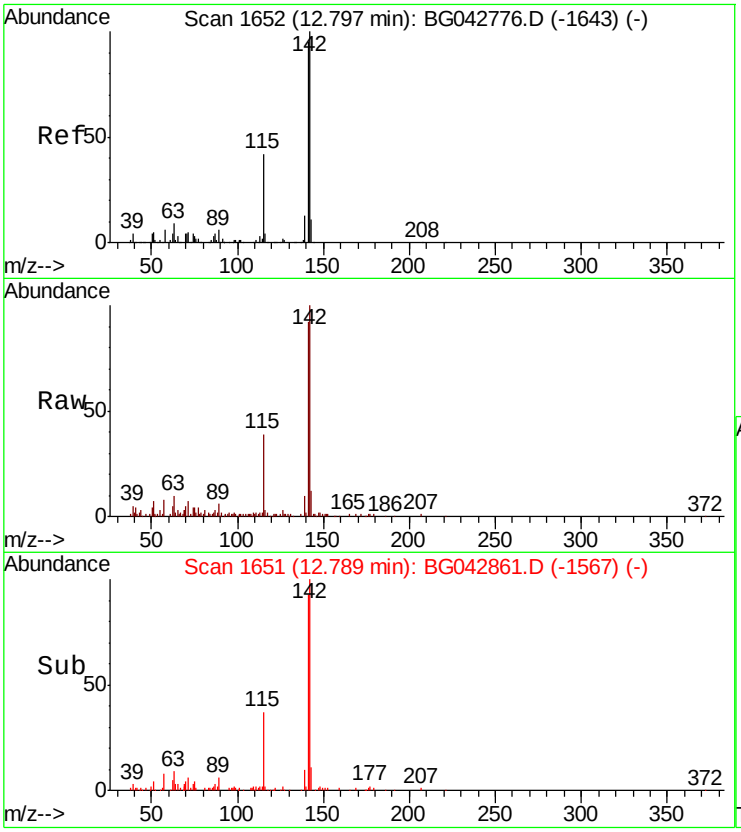


#37
2-Methylnaphthalene
Concen: 4.123 ng
RT: 12.79 min Scan# 1651
Delta R.T. 0.21 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:142 Resp: 70422

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
115	38.8	33.0	49.4



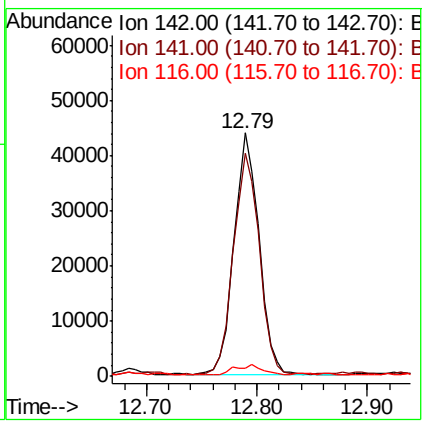


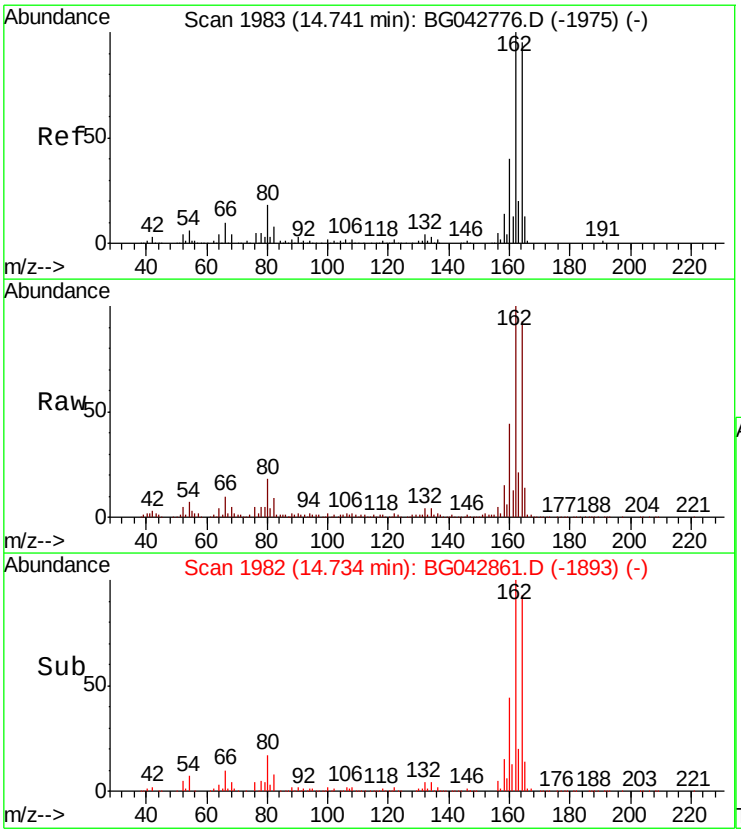
#38
1-Methylnaphthalene
Concen: 4.396 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 70422

Ion	Ratio	Lower	Upper
142	100		
141	91.7	76.3	114.5
116	3.2	3.4	5.0#

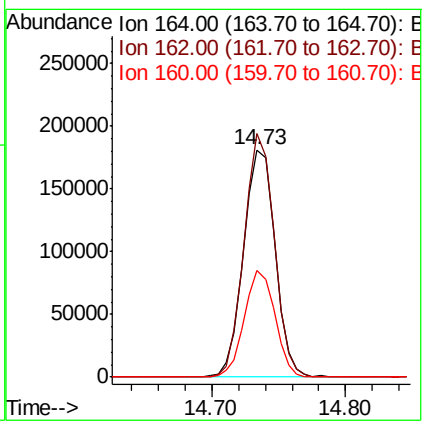


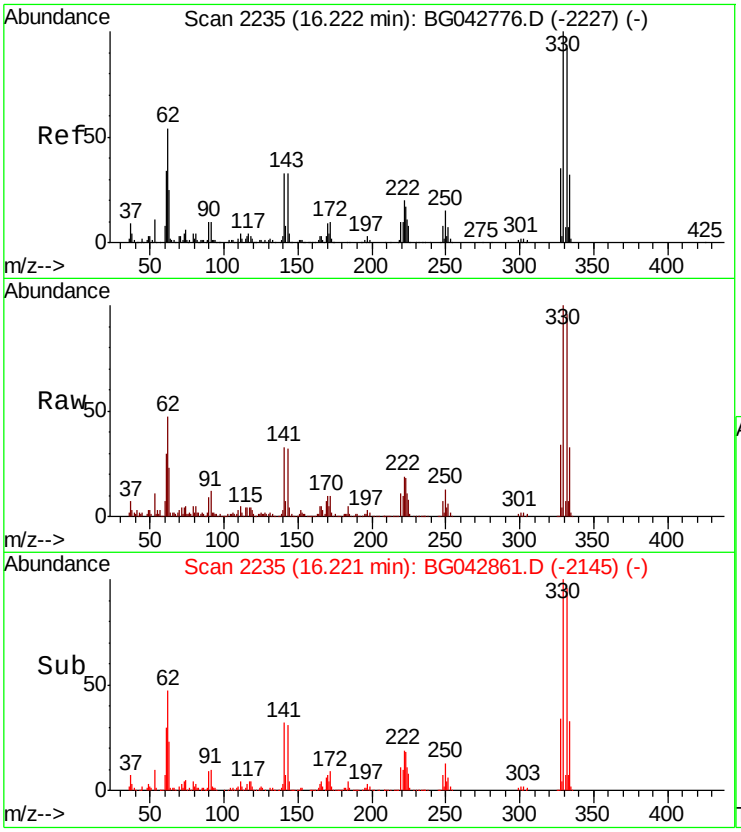


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:164 Resp: 295341

Ion	Ratio	Lower	Upper
164	100		
162	107.1	84.6	126.8
160	47.0	34.2	51.2



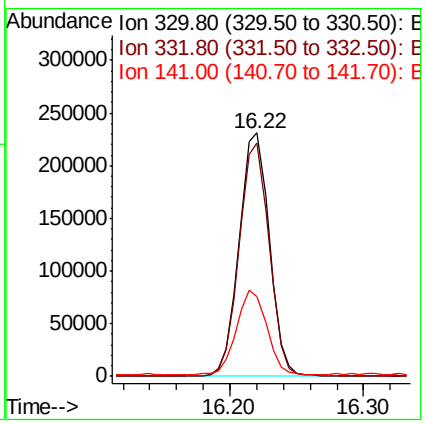


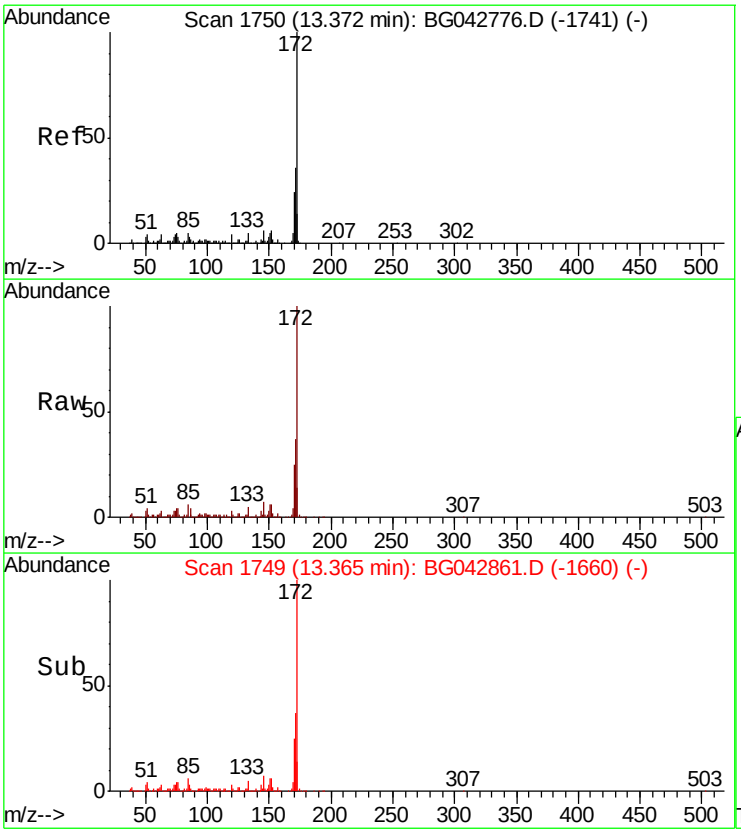
#42
2,4,6-Tribromophenol
Concen: 91.771 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 360595

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.7	115.1
141	34.8	27.0	40.6

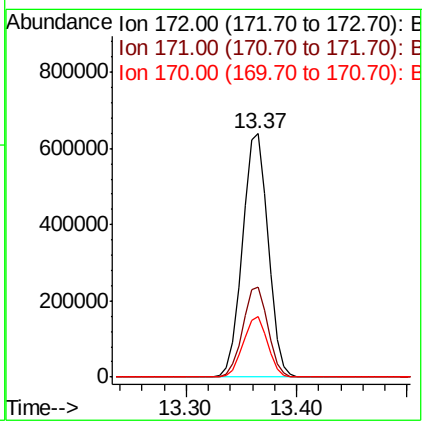


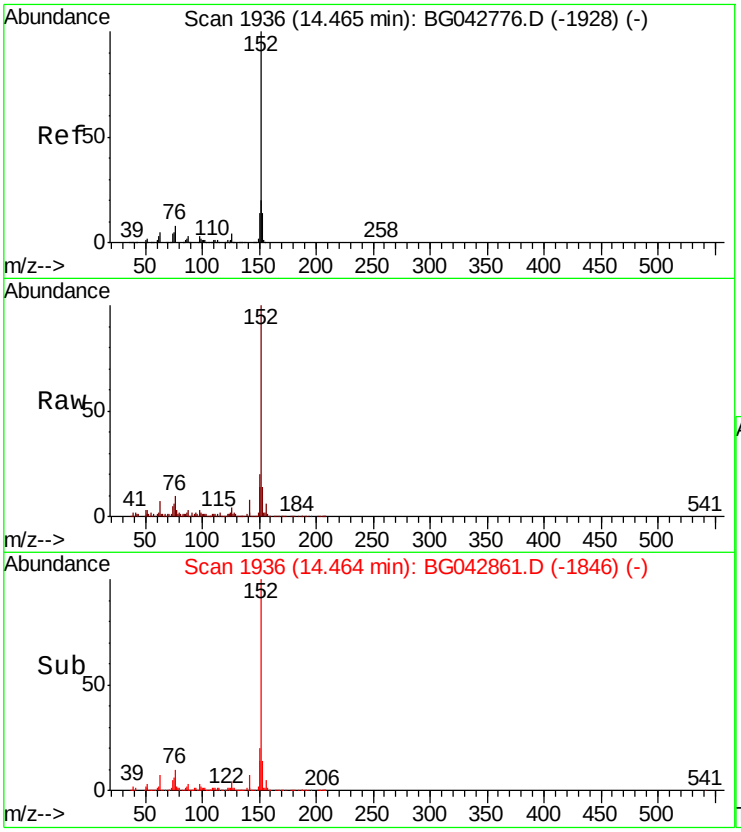


#45
2-Fluorobiphenyl
Concen: 56.004 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:172 Resp: 1044913

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.8	19.1	28.7



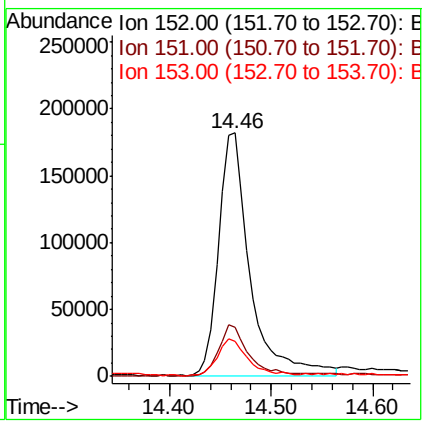


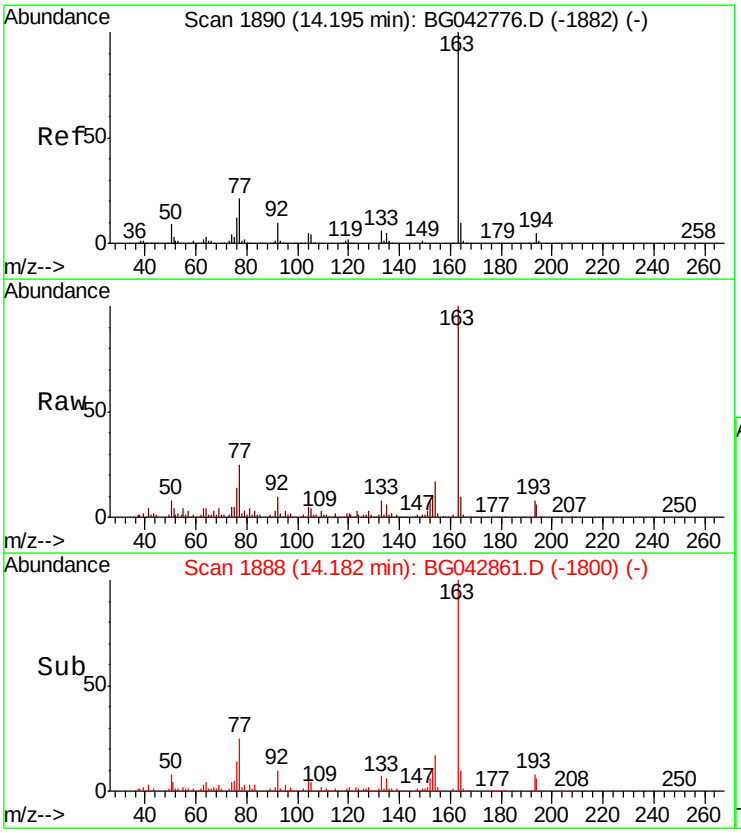
#49
Acenaphthylene
Concen: 14.989 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 391771

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.3	11.4	17.0

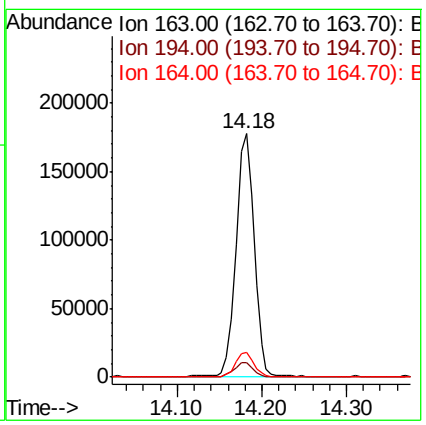


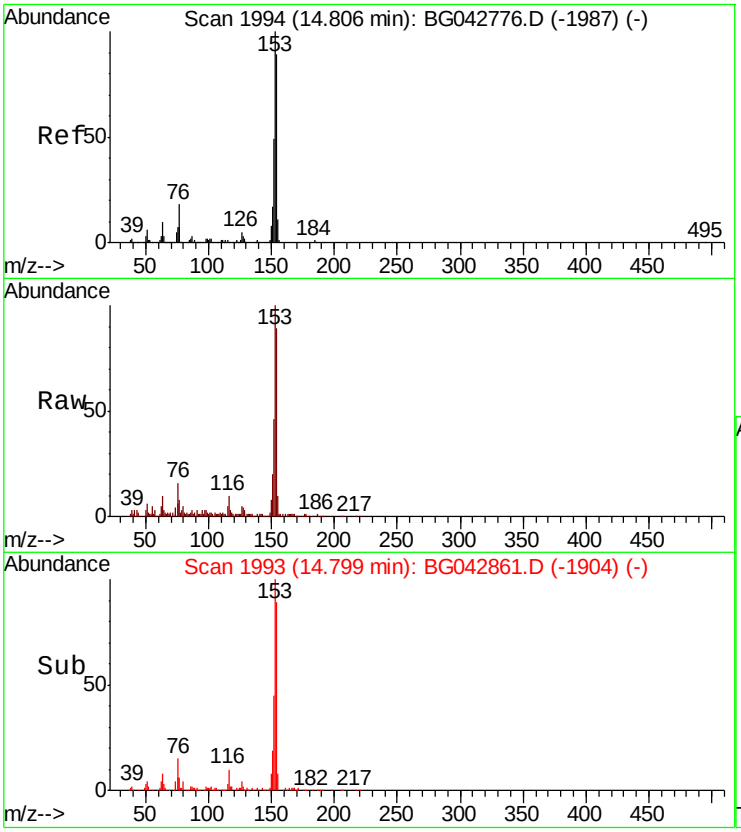


#50
Dimethylphthalate
Concen: 11.706 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:163 Resp: 258991

Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.2	6.4
164	10.3	8.4	12.6



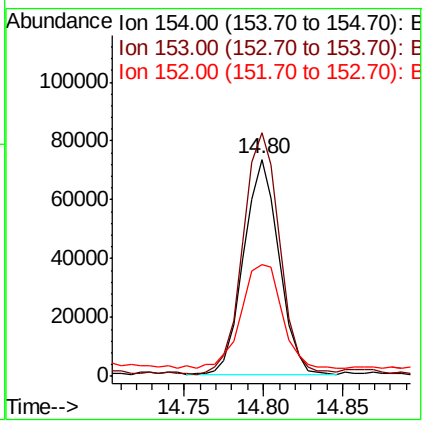


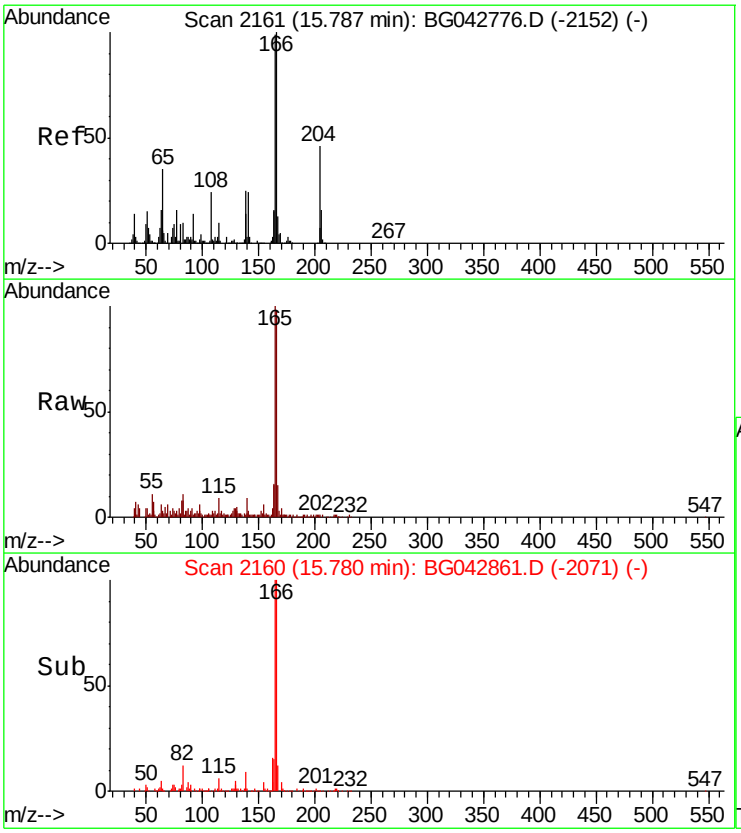
#52
Acenaphthene
Concen: 6.606 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 112800

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.4	134.2
152	51.7	43.5	65.3

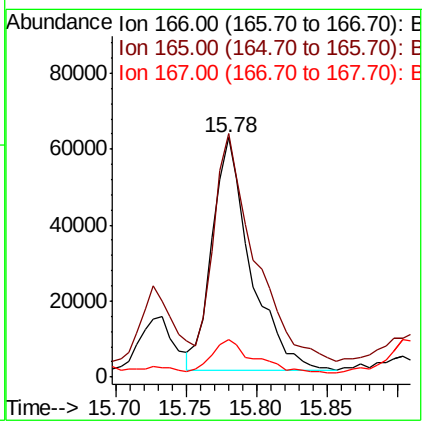


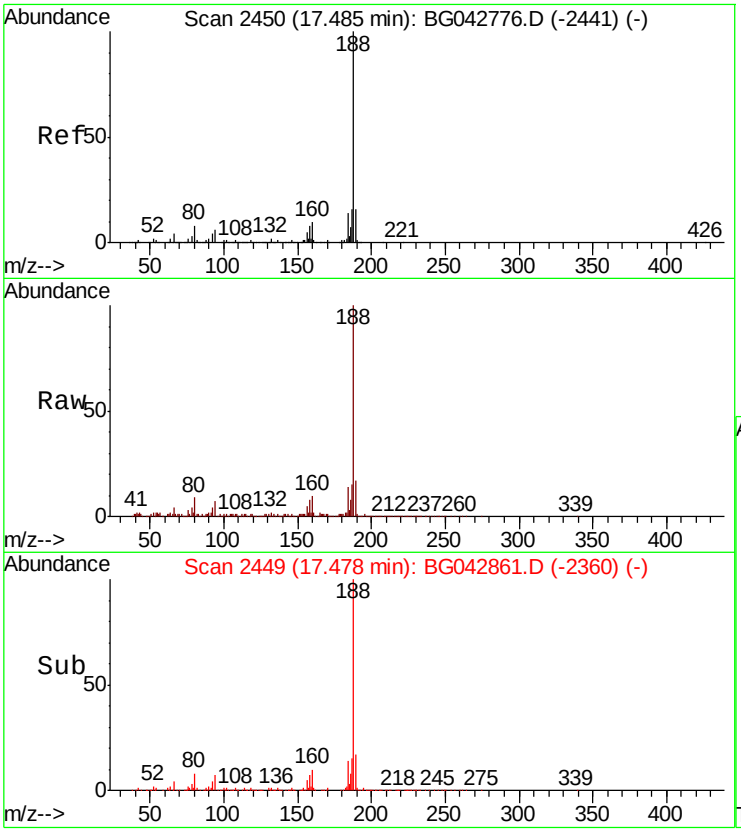


#58
Fluorene
Concen: 5.502 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:166 Resp: 115728

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.1	118.7
167	15.6	10.7	16.1



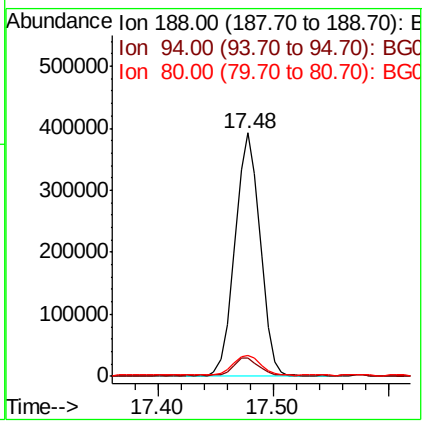


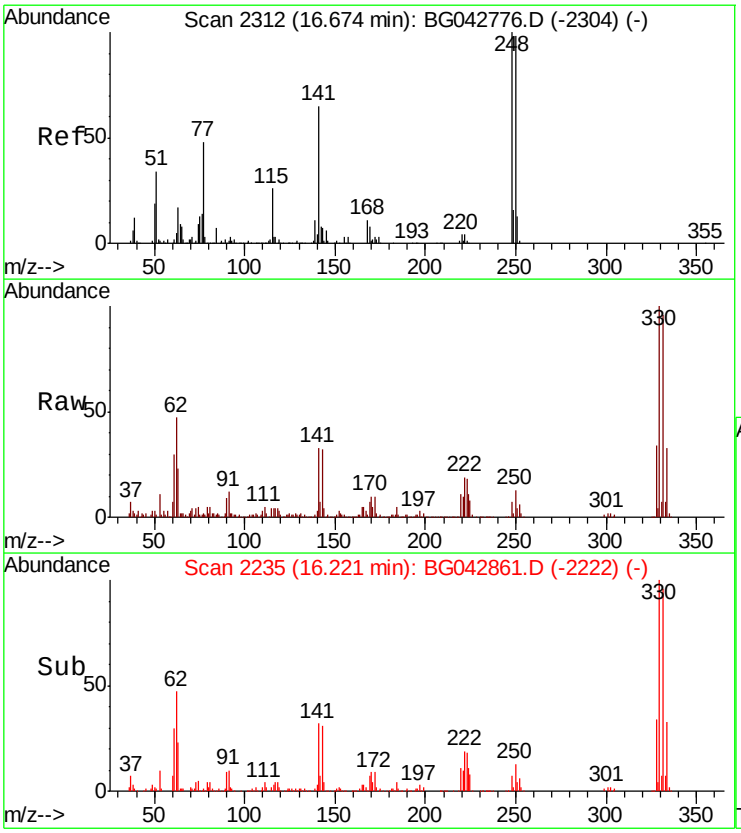
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 589495

Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.8	7.2#
80	8.7	6.6	9.8

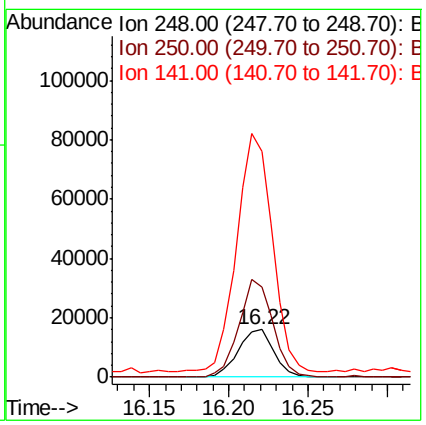


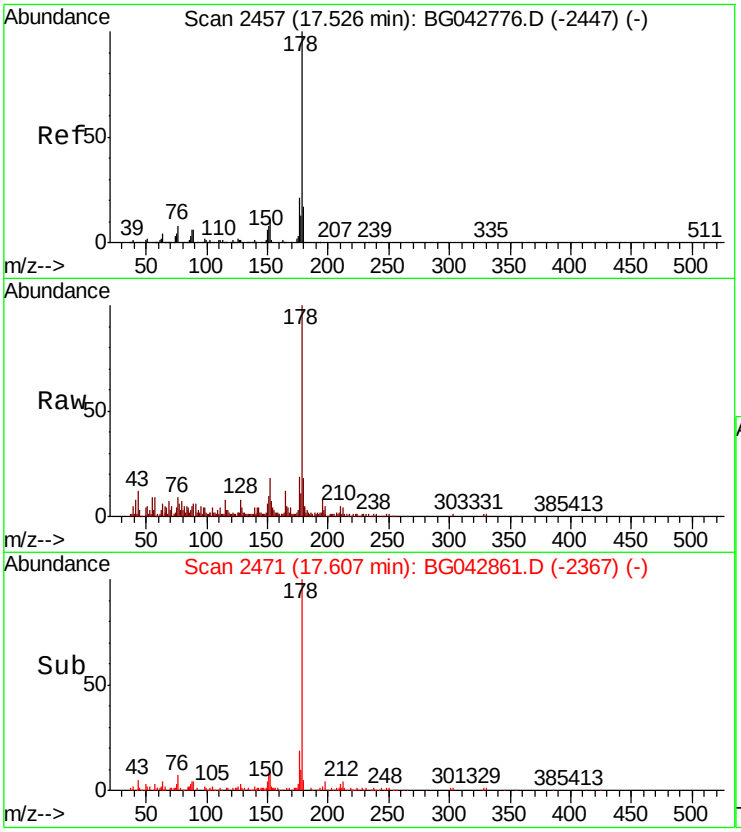


#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.45 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:248 Resp: 24740

Ion	Ratio	Lower	Upper
248	100		
250	189.5	78.0	117.0#
141	472.9	51.8	77.6#



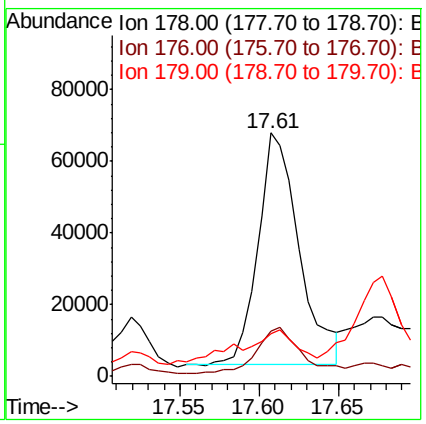


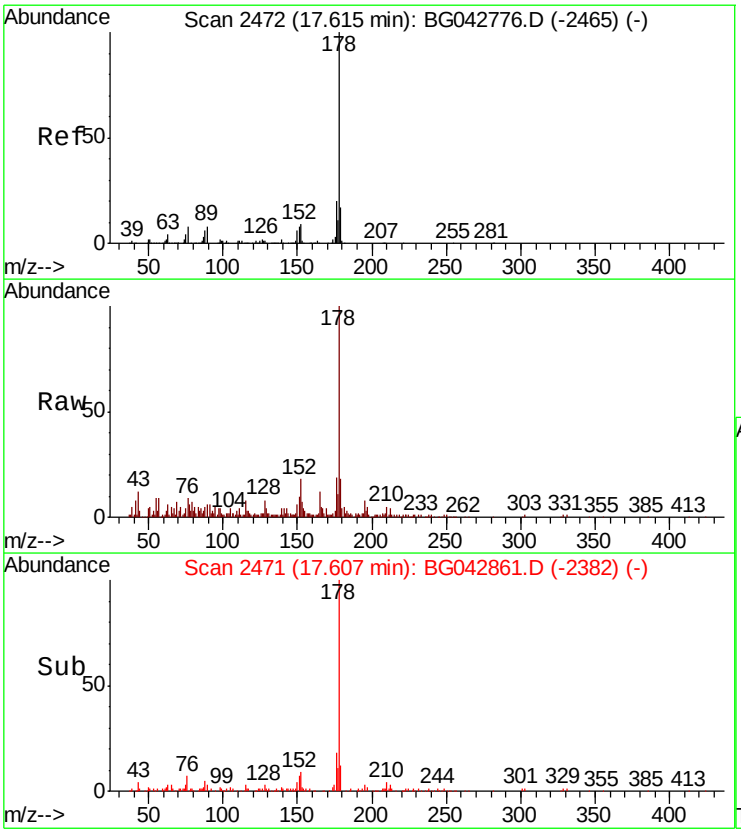
#71
Phenanthrene
Concen: 4.164 ng
RT: 17.61 min Scan# 2471
Delta R.T. 0.08 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 117385

Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.0	25.4
179	17.5	13.6	20.4

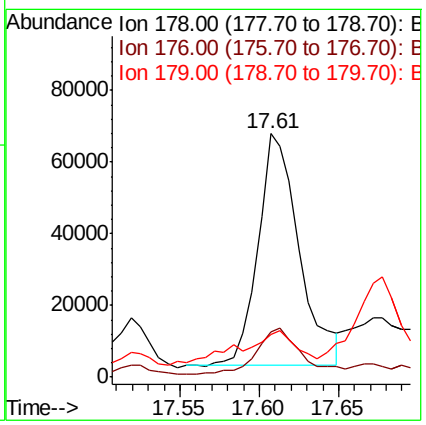


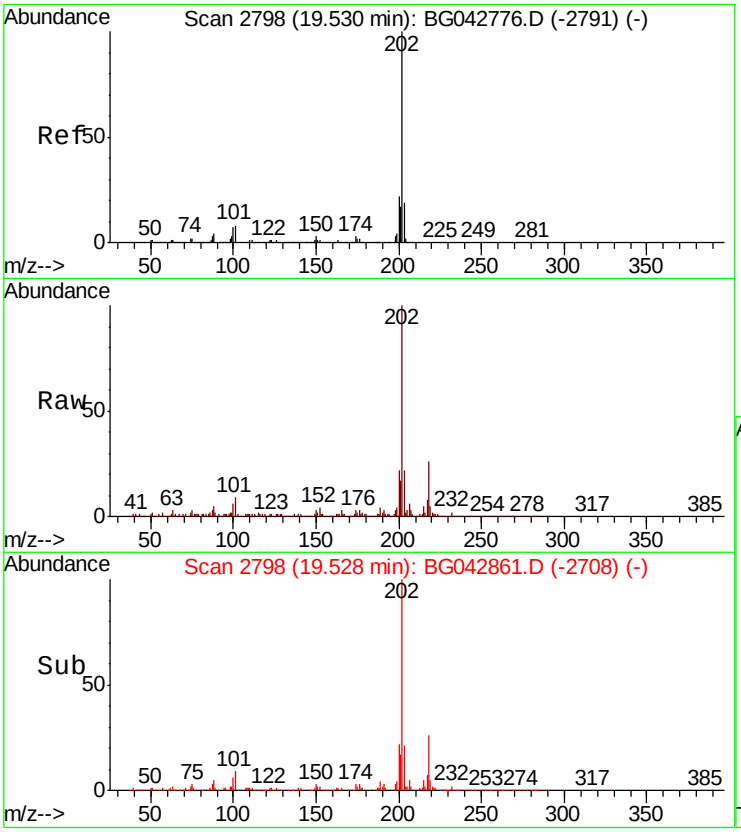


#72
Anthracene
Concen: 4.168 ng
RT: 17.61 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:178 Resp: 117385

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	17.5	13.6	20.4



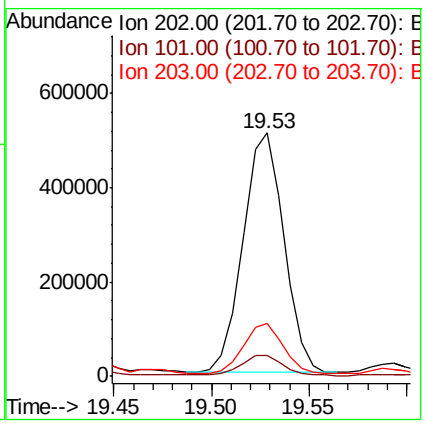


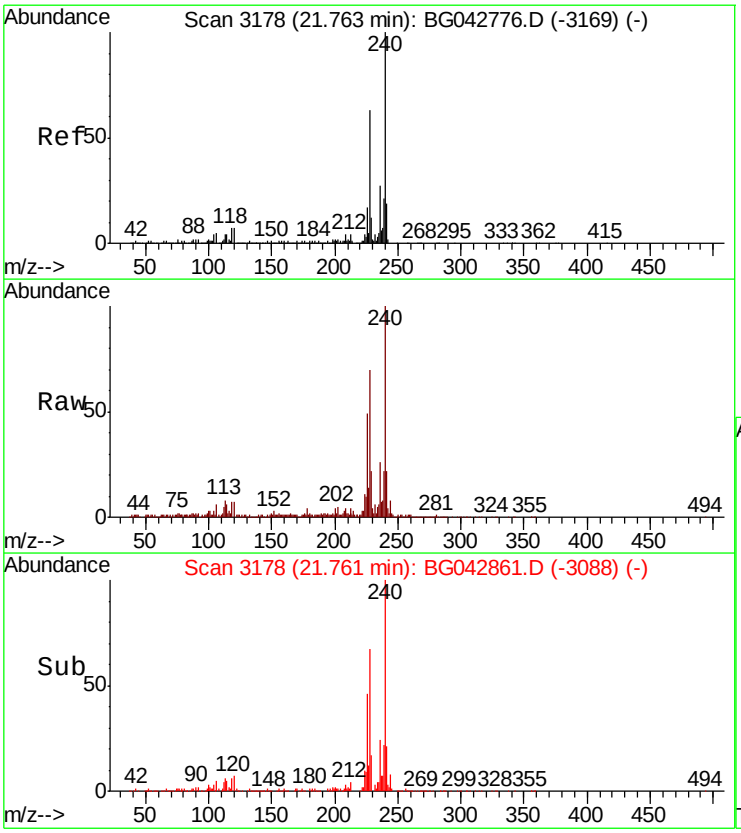
#75
Fluoranthene
Concen: 20.126 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 735335

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.8
203	21.6	0.0	39.1

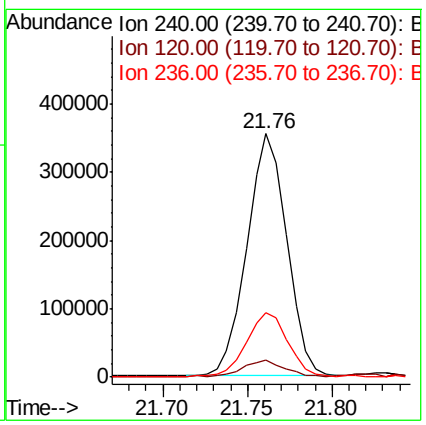


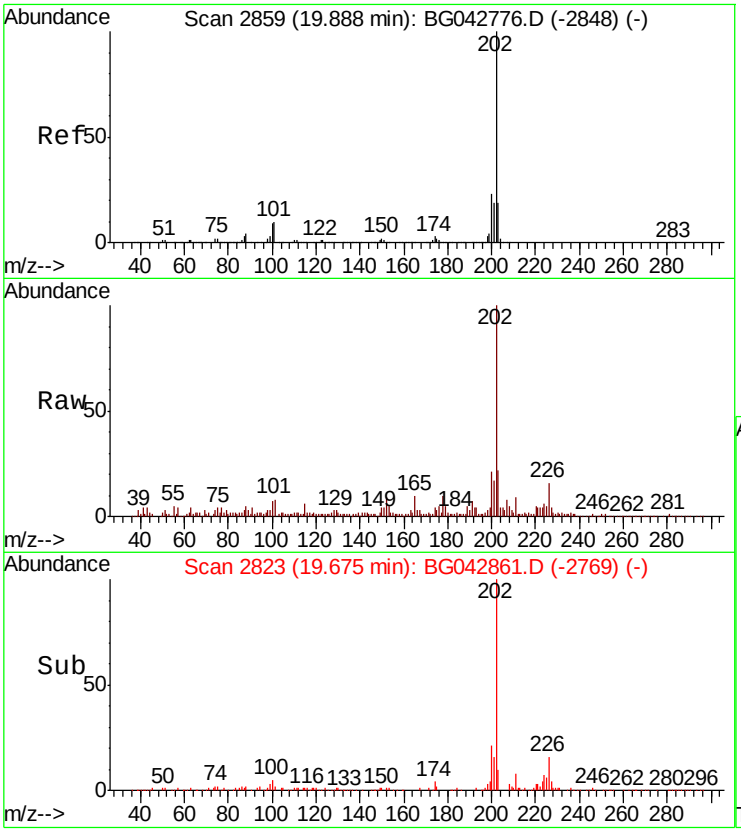


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:240 Resp: 578819

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.4	8.2
236	26.3	21.7	32.5



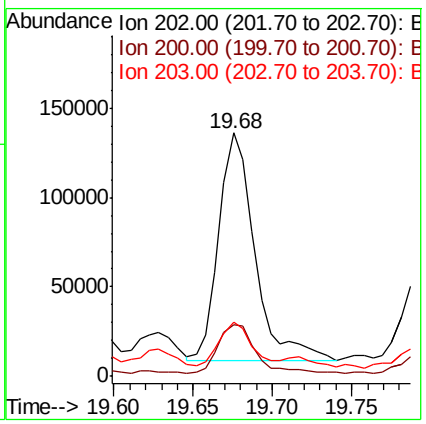


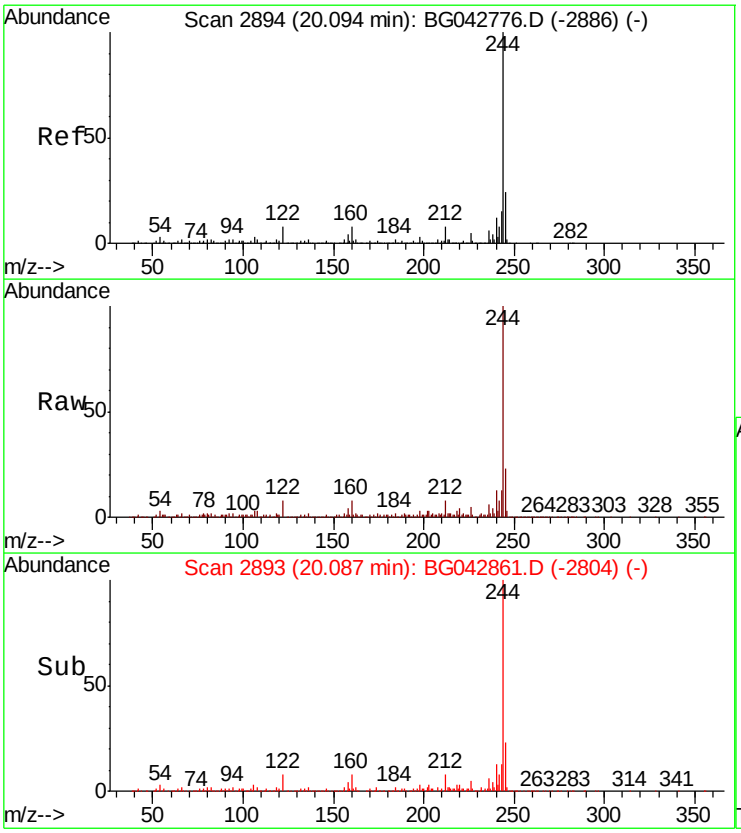
#78
Pyrene
Concen: 5.506 ng
RT: 19.68 min Scan# 2823
Delta R.T. -0.21 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 199531

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.5	27.7
203	22.4	15.3	22.9

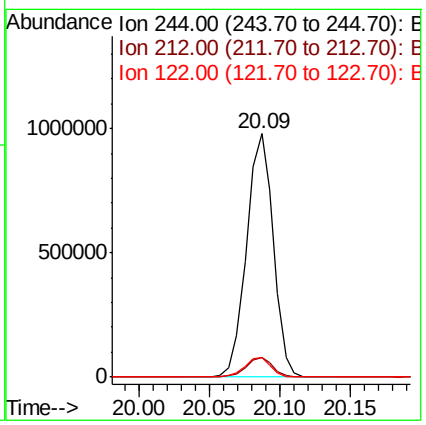


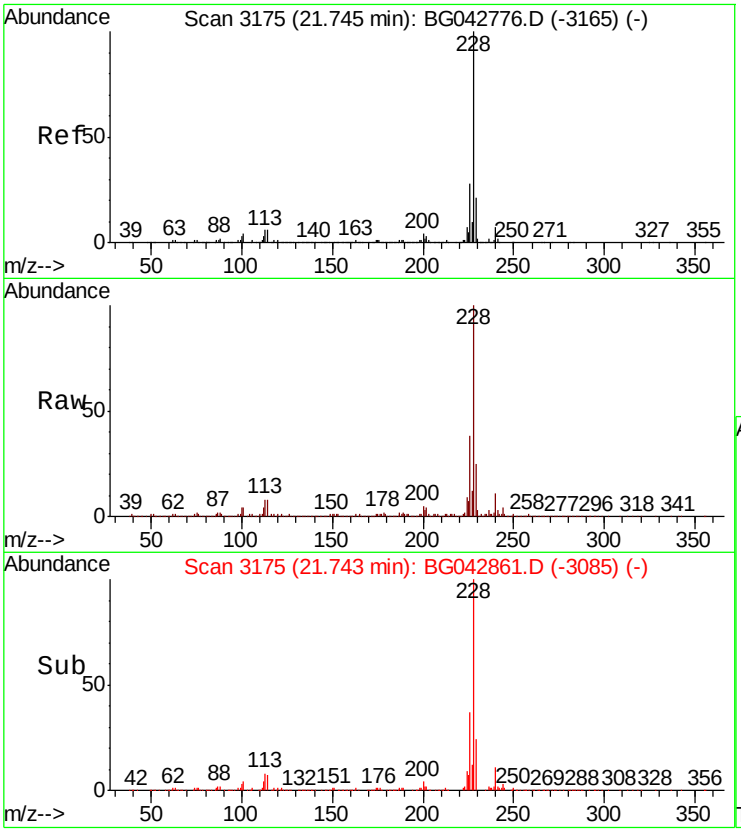


#79
Terphenyl-d14
Concen: 49.901 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:244 Resp: 1303251

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	7.8	6.2	9.4



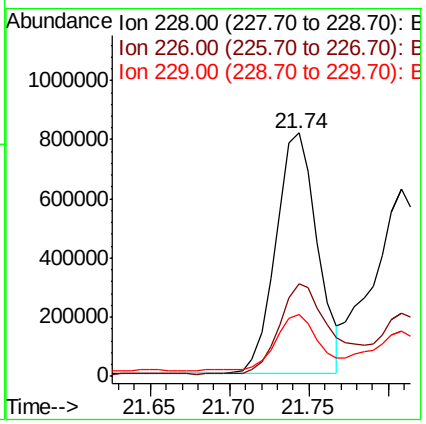


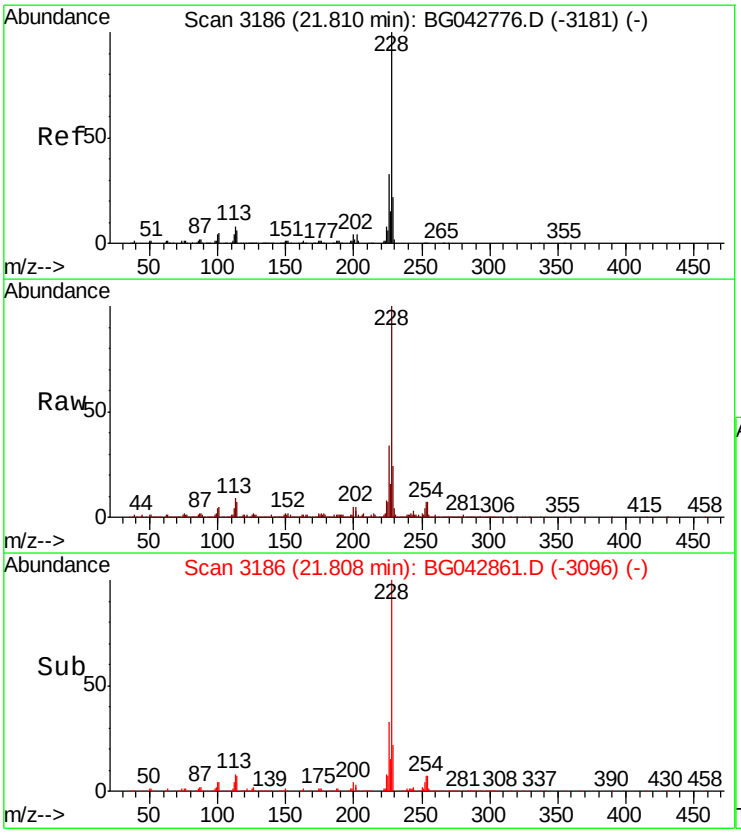
#81
Benzo(a)anthracene
Concen: 40.200 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1479449

Ion	Ratio	Lower	Upper
228	100		
226	38.1	22.5	33.7#
229	25.4	17.2	25.8

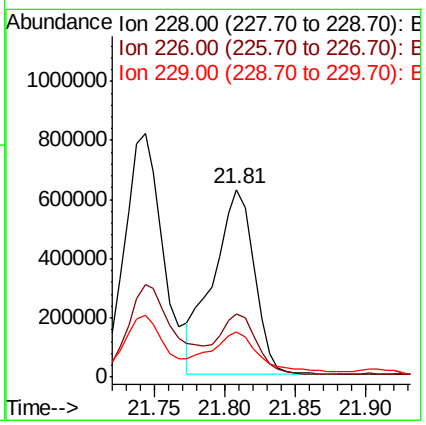


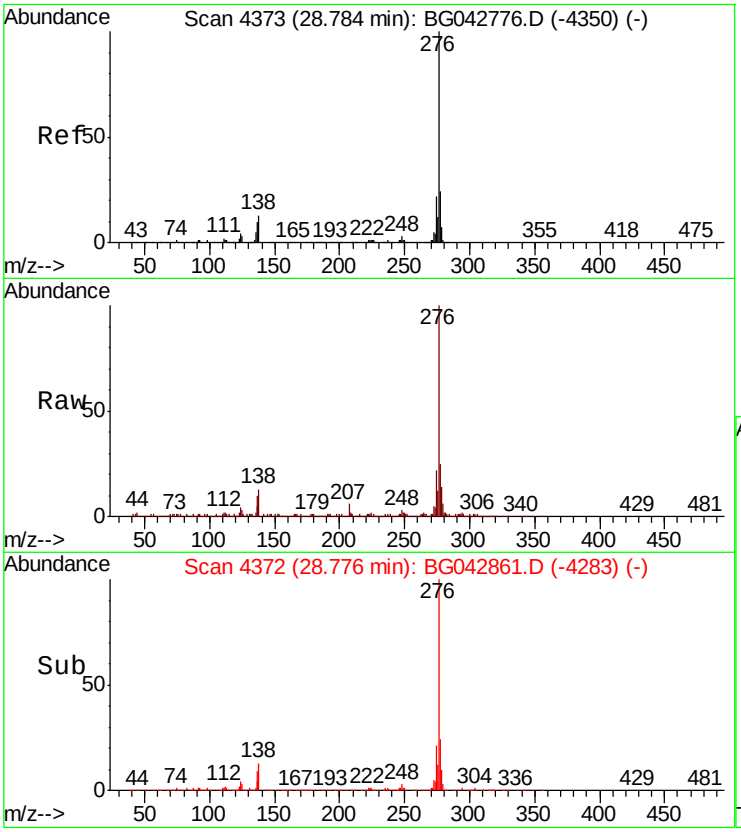


#83
Chrysene
Concen: 36.408 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:228 Resp: 1269194

Ion	Ratio	Lower	Upper
228	100		
226	33.9	26.0	39.0
229	24.0	17.1	25.7



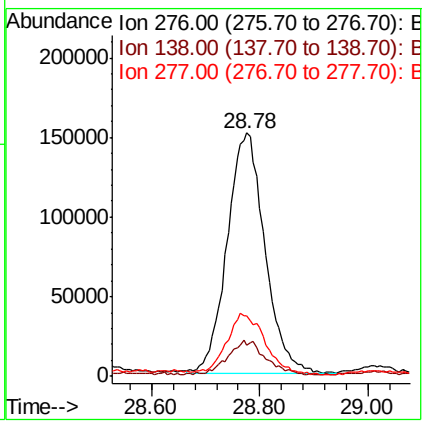


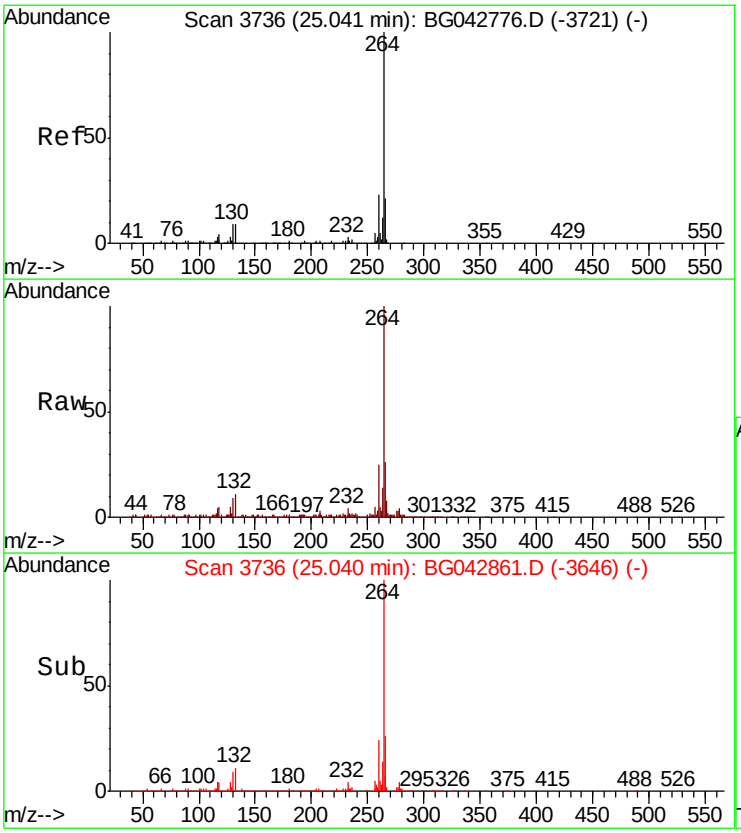
#86
Indeno(1,2,3-cd)pyrene
Concen: 16.917 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.01 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 730308

Ion	Ratio	Lower	Upper
276	100		
138	13.7	9.3	13.9
277	26.1	17.2	25.8#

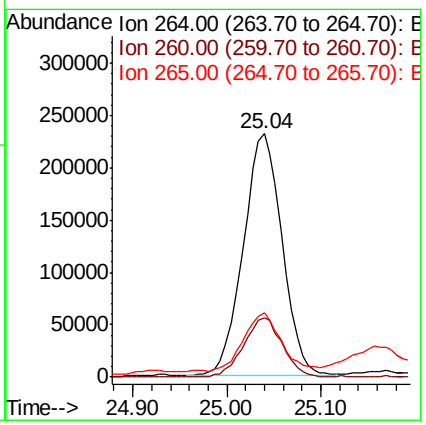


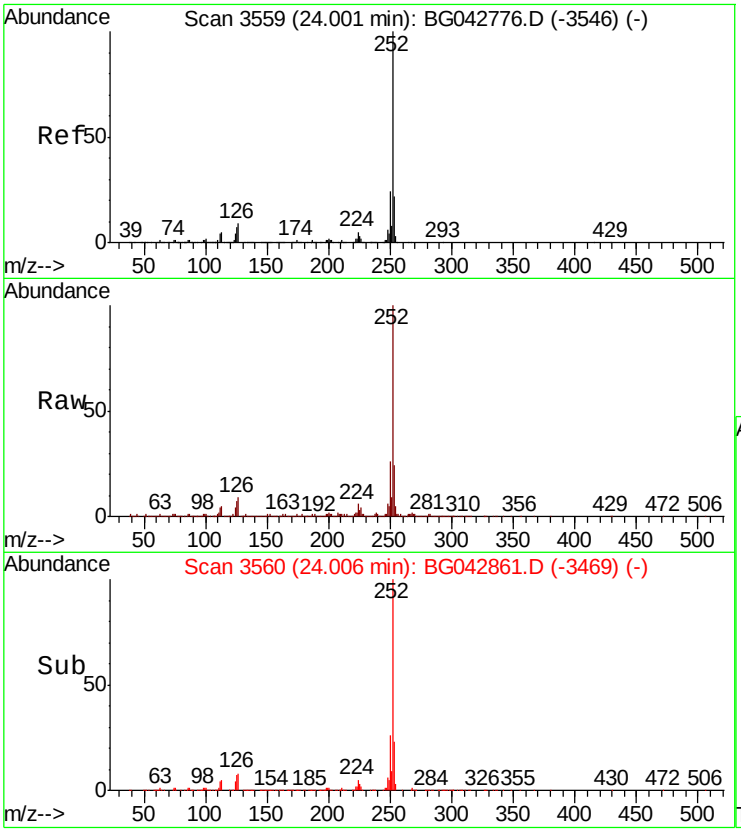


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:264 Resp: 657773

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	26.5	16.9	25.3#



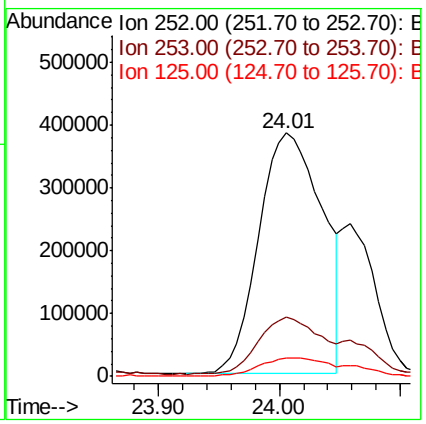


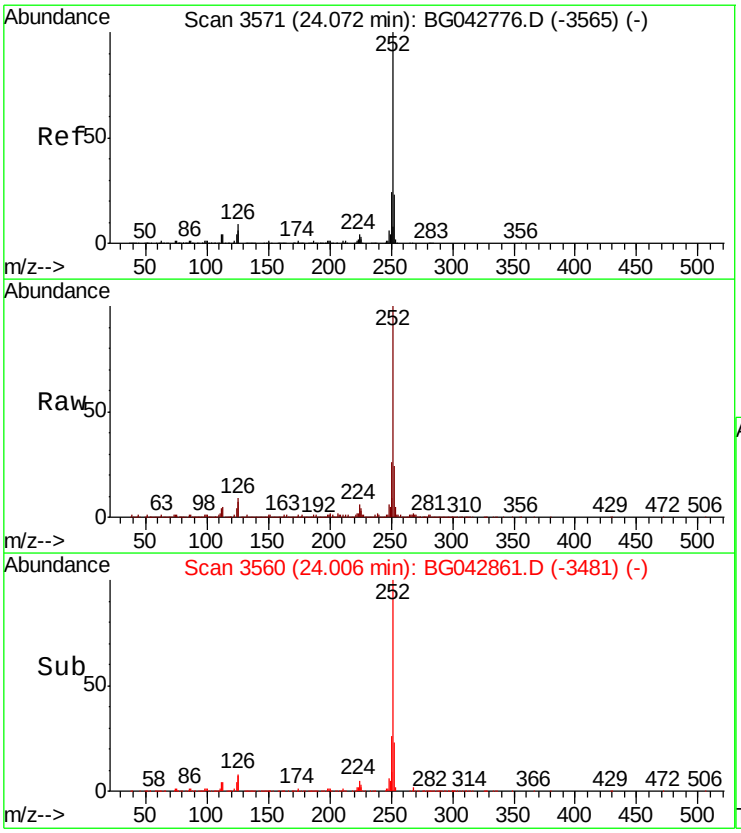
#88
Benzo(b)fluoranthene
Concen: 36.310 ng
RT: 24.01 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1402390

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	7.5	5.6	8.4

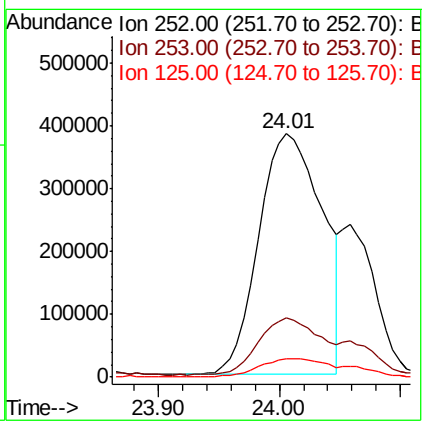


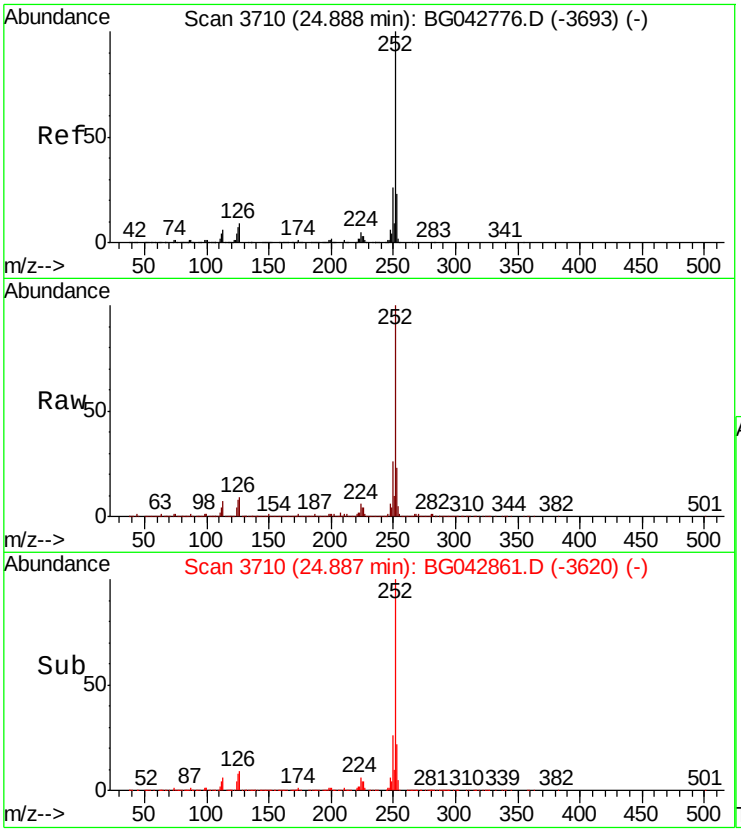


#89
Benzo(k)fluoranthene
Concen: 38.438 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.07 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:252 Resp: 1402390

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	7.5	5.3	7.9



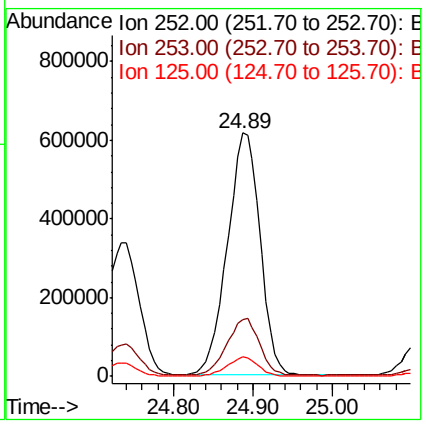


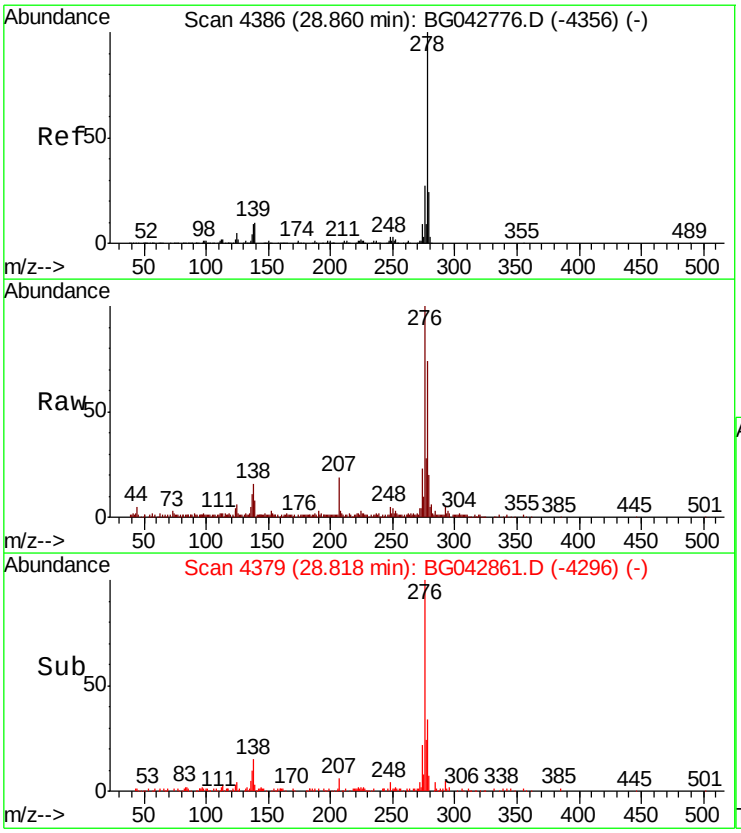
#90
Benzo(a)pyrene
Concen: 48.489 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1753598

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	7.9	5.7	8.5

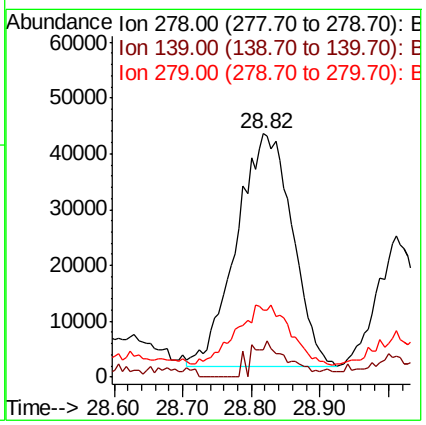


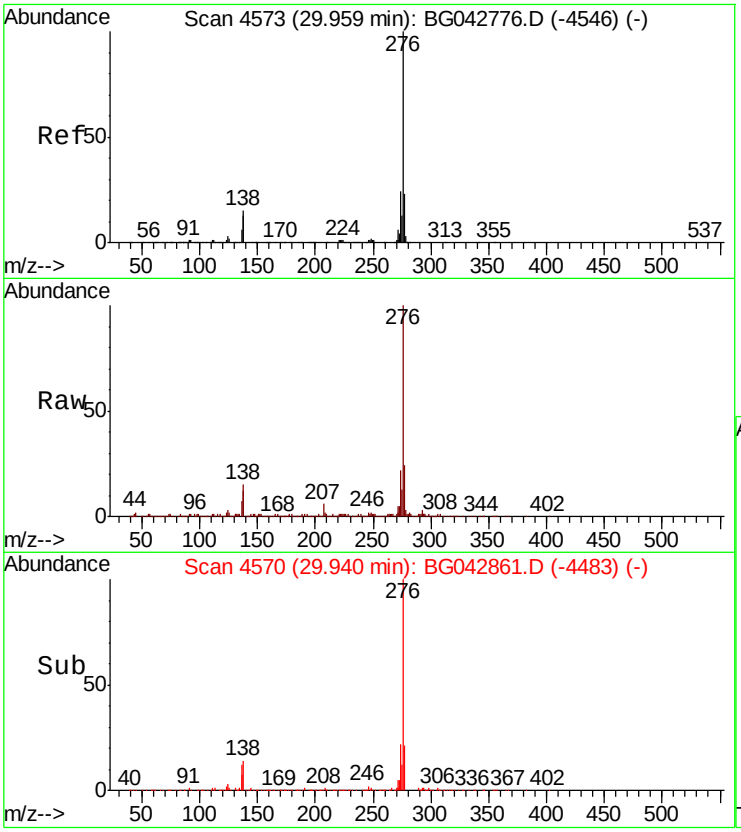


#91
Dibenzo(a,h)anthracene
Concen: 6.622 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.04 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Tgt Ion:278 Resp: 235560

Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.2	12.2
279	27.4	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 22.993 ng
RT: 29.94 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG042861.D
Acq: 16 Sep 2019 23:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 797727

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	15.3	11.8	17.8