Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041368.D
Acq On : 20 Jun 2019 22:10
Operator : HP/JU
Sample : K3455-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 01:34:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40881	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	161396	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	111536	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	238476	20.00	ng		0.00
76) Chrysene-d12	21.75	240	229512	20.00	ng		0.01
87) Perylene-d12	25.08	264	177521	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	209648	94.23	ng		0.00
7) Phenol-d6	7.24	99	325203	100.84	ng		0.00
23) Nitrobenzene-d5	9.26	82	237001	61.76	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	149070	87.06	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	481257	58.65	ng		0.00
79) Terphenyl-d14	20.06	244	653967	56.47	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	34043	13.051	ng	#	81
49) Acenaphthylene	14.45	152	84682	7.687	ng		96
50) Dimethylphthalate	14.16	163	73822	7.439	ng		97
54) 2,4-Dinitrophenol	15.21	184	69	4.889	ng	#	13
56) 4-Nitrophenol	15.01	139	186	3.330	ng	#	80
67) 4-Bromophenyl-phenylether	16.21	248	10449	3.389	ng	#	1
71) Phenanthrene	17.51	178	224971	17.688	ng		98
72) Anthracene	17.60	178	78385	6.251	ng		96
75) Fluoranthene	19.52	202	1099445	65.067	ng		96
78) Pyrene	19.89	202	1125662	72.724	ng		97
81) Benzo(a)anthracene	21.73	228	740285	47.637	ng		98
83) Chrysene	21.80	228	756893	50.647	ng		95
86) Indeno(1,2,3-cd)pyrene	28.90	276	269755	15.214	ng	#	90
88) Benzo(b)fluoranthene	24.02	252	771607	70.136	ng		97
89) Benzo(k)fluoranthene	24.02	252	771607	70.799	ng		99
90) Benzo(a)pyrene	24.92	252	532293	51.231	ng		96
91) Dibenzo(a,h)anthracene	28.93	278	41834	3.999	ng	#	83
92) Benzo(g,h,i)perylene	30.11	276	248708	24.059	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041368.D
Acq On : 20 Jun 2019 22:10
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ALS Vial : 17 Sample Multiplier: 1

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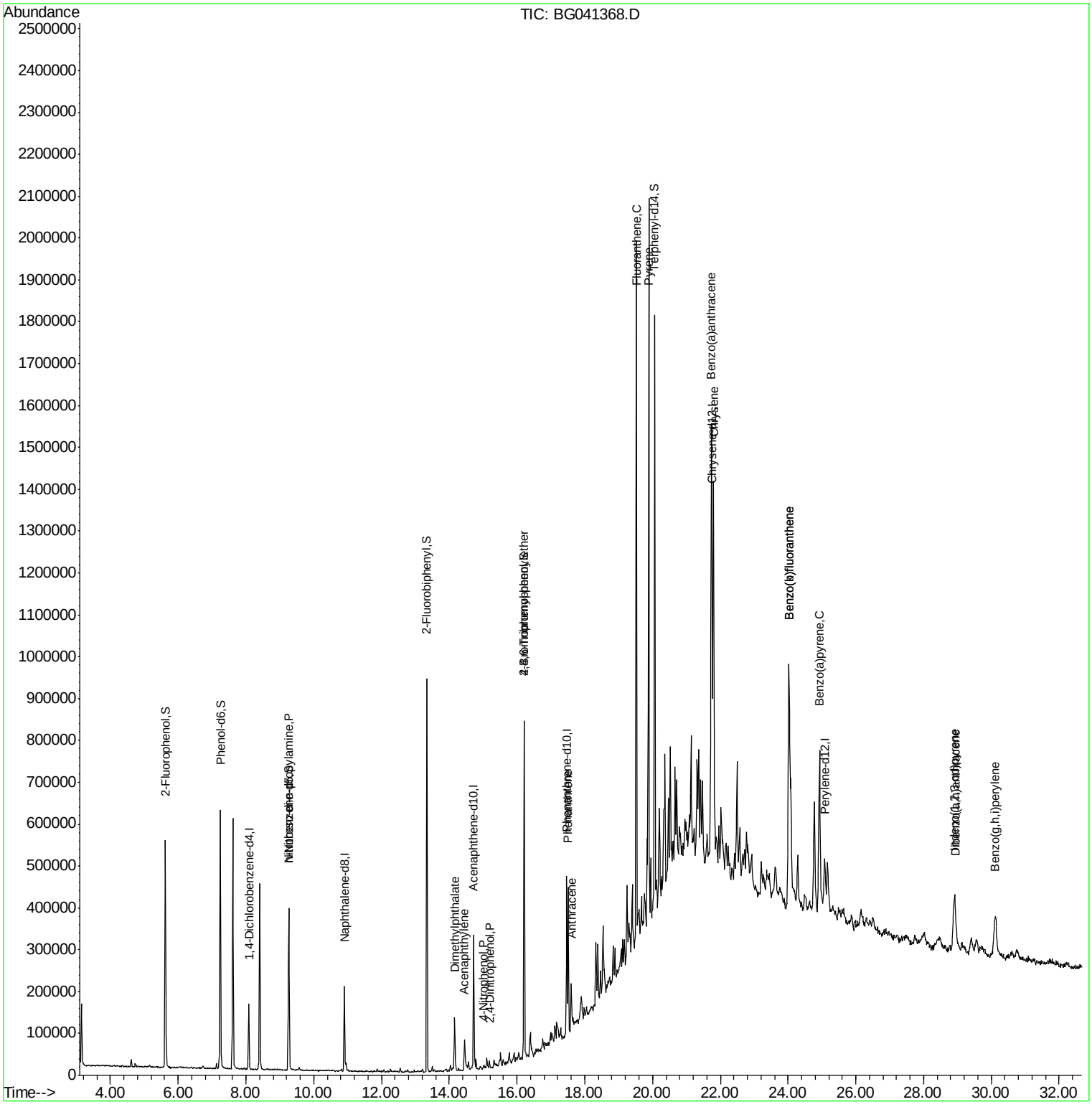
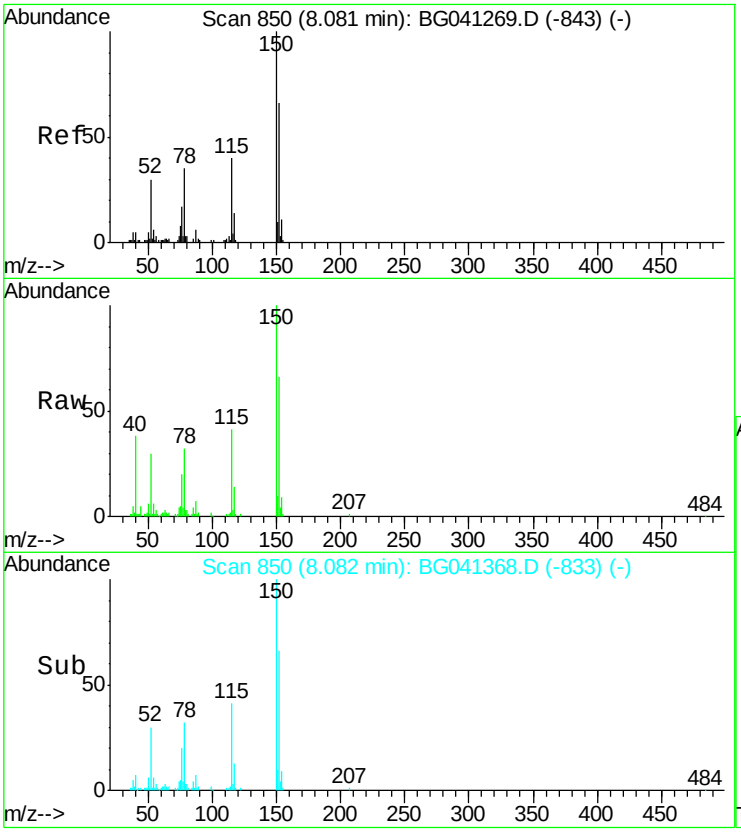
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration



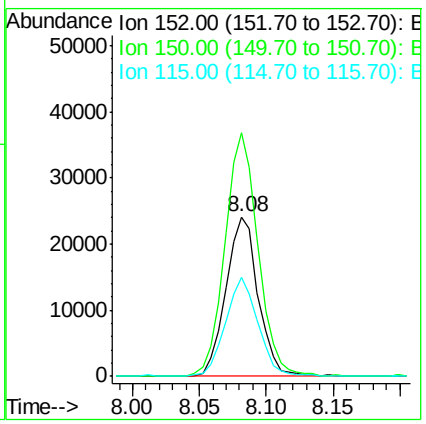


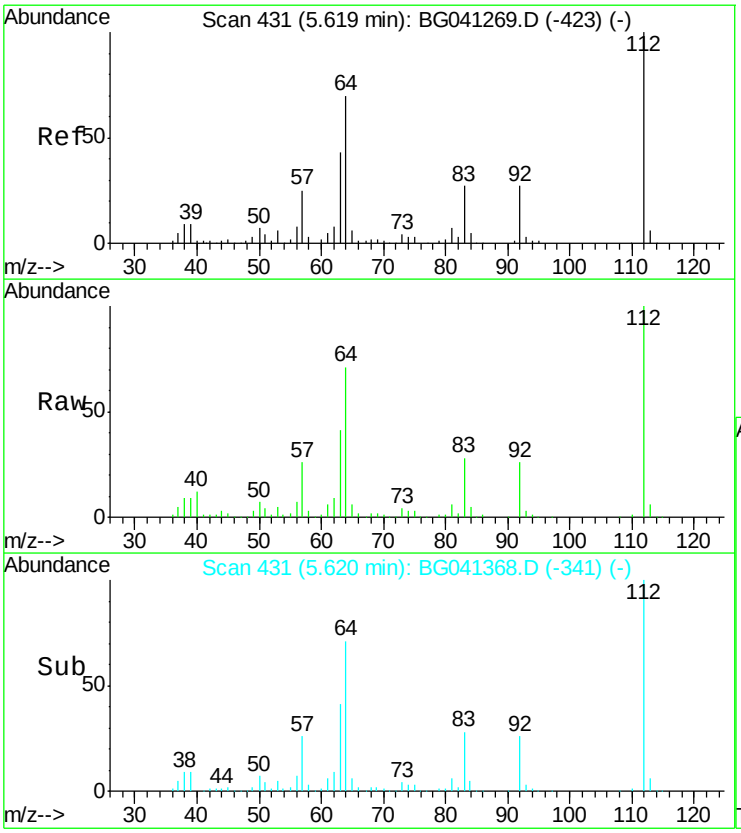
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40881

Ion	Ratio	Lower	Upper
152	100		
150	152.4	120.6	181.0
115	61.8	47.9	71.9

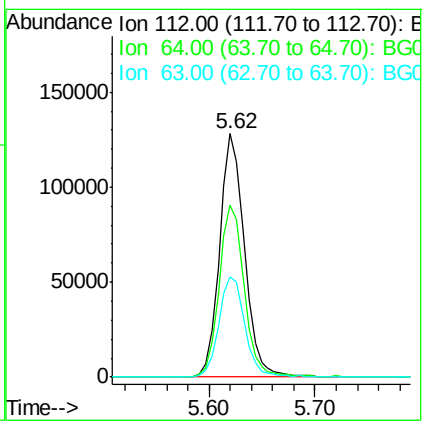


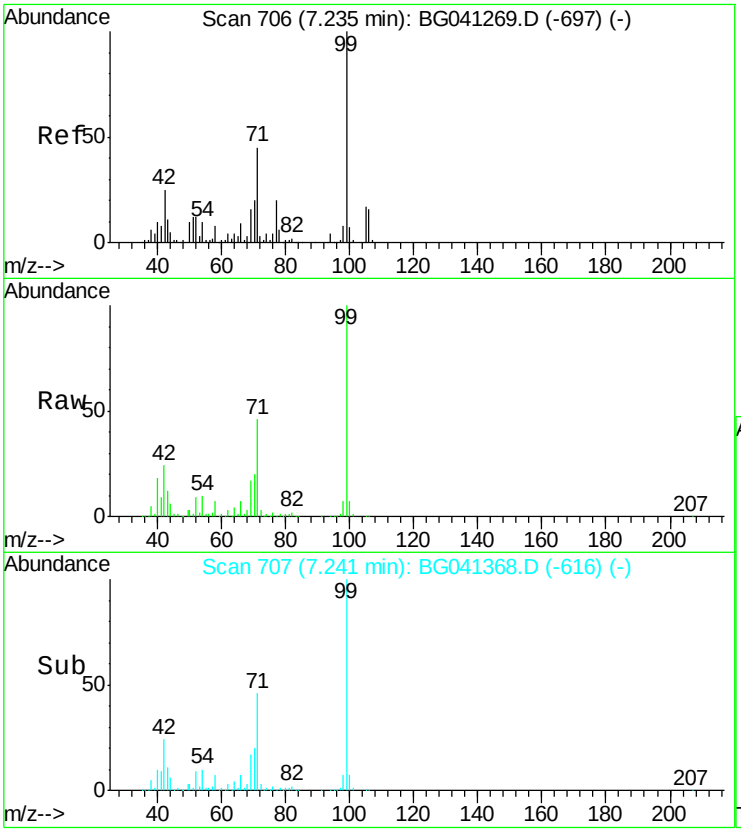


#5
2-Fluorophenol
Concen: 94.227 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:112 Resp: 209648

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.9	83.9
63	41.2	34.6	51.8



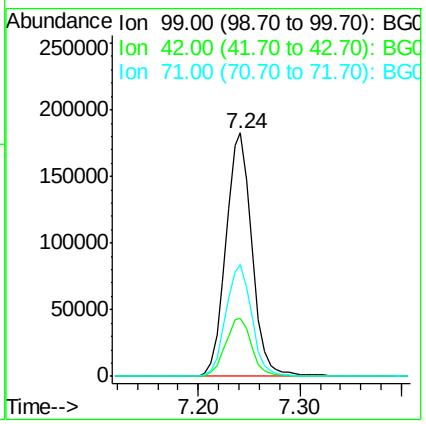


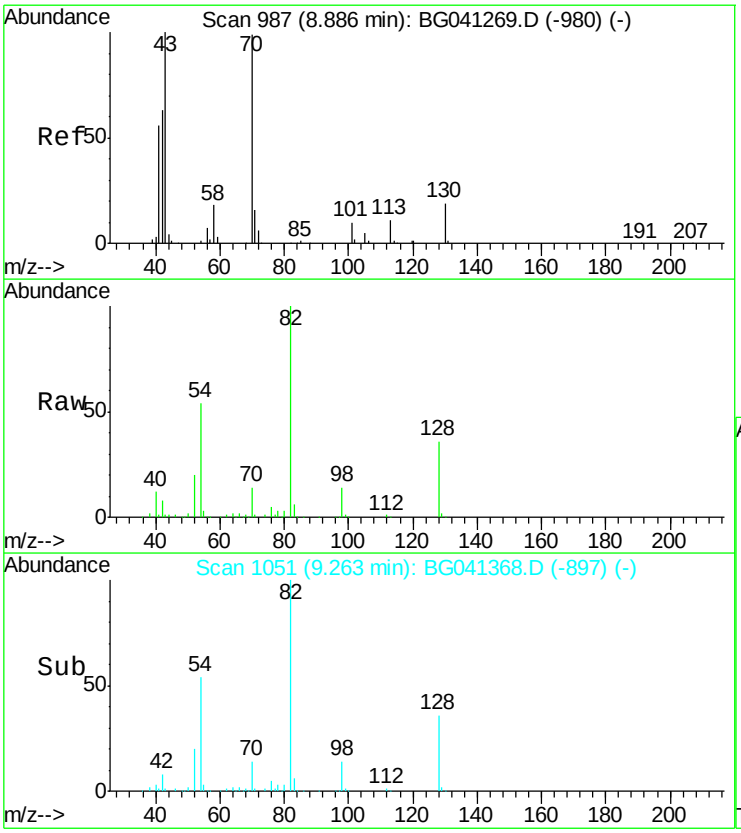
#7
Phenol-d6
Concen: 100.837 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 325203

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.9	29.9
71	45.9	36.4	54.6

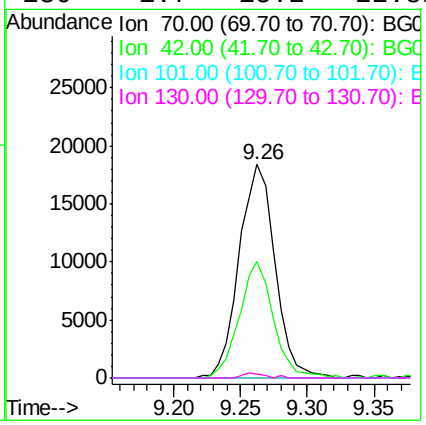


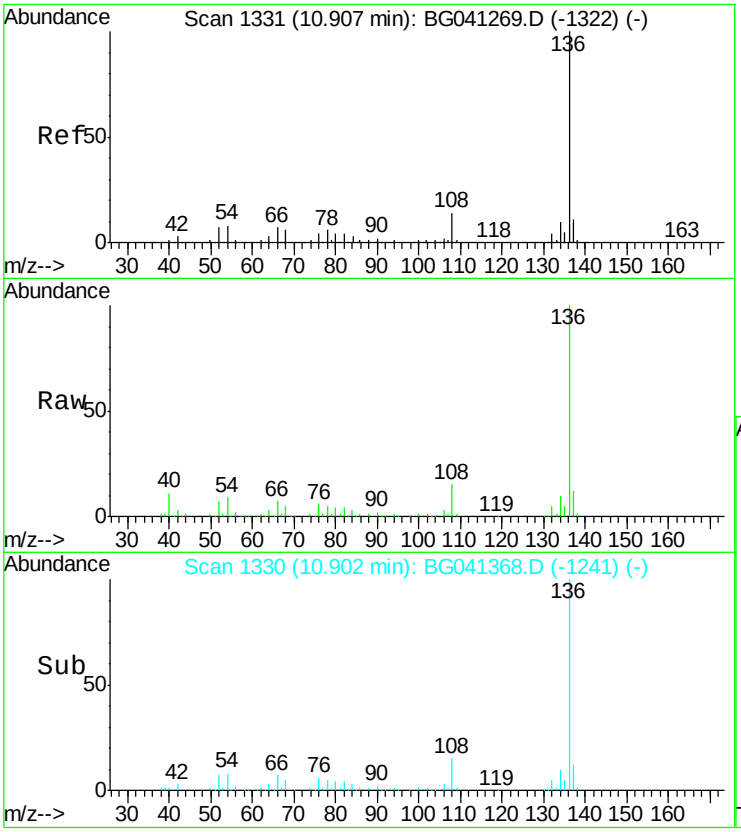


#19
n-Nitroso-di-n-propylamine
Concen: 13.051 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion: 70 Resp: 34043

Ion	Ratio	Lower	Upper
70	100		
42	54.7	51.4	77.2
101	0.0	8.2	12.2#
130	1.7	15.2	22.8#



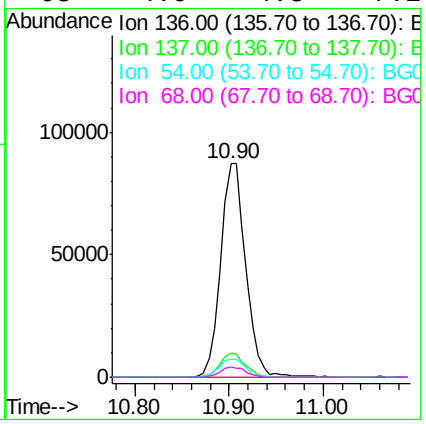


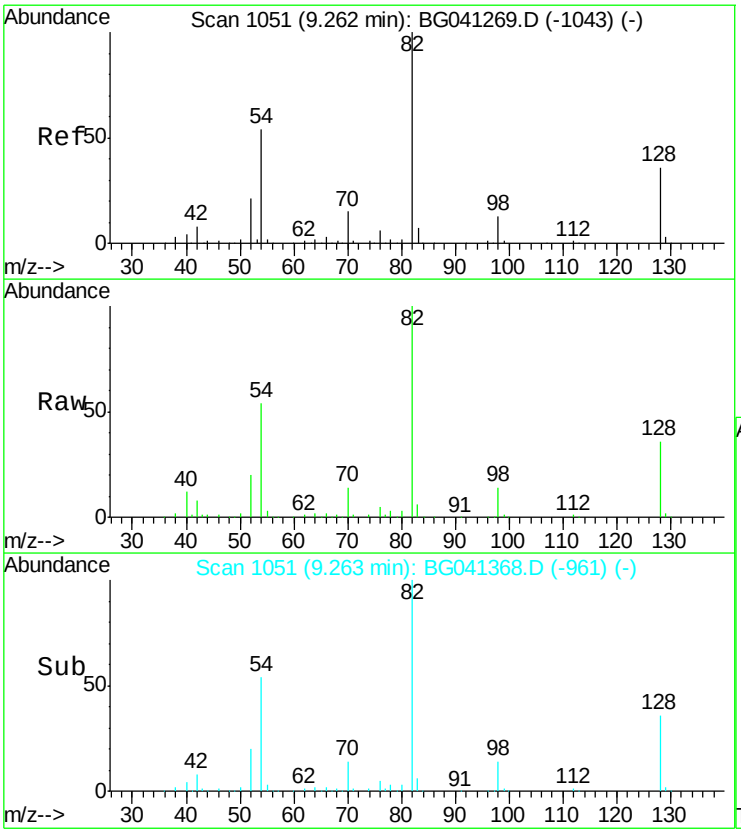
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 161396

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.1	6.4	9.6
68	4.9	4.8	7.2

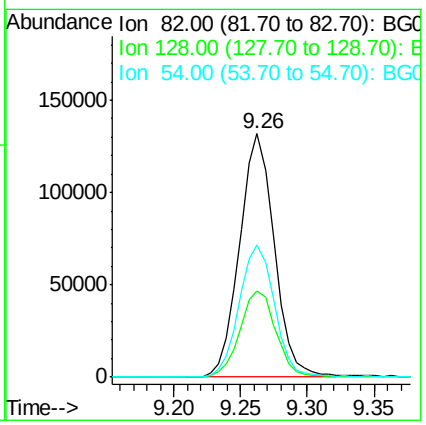


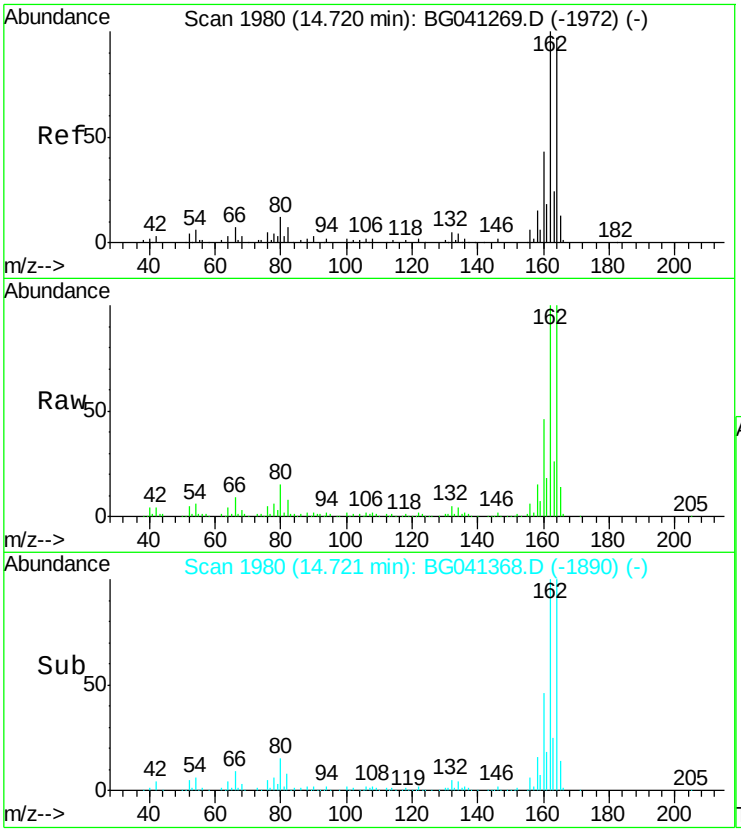


#23
Nitrobenzene-d5
Concen: 61.757 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion: 82 Resp: 237001

Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.2	43.8
54	54.1	43.4	65.0



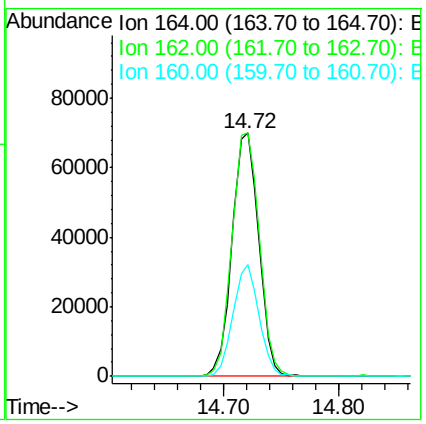


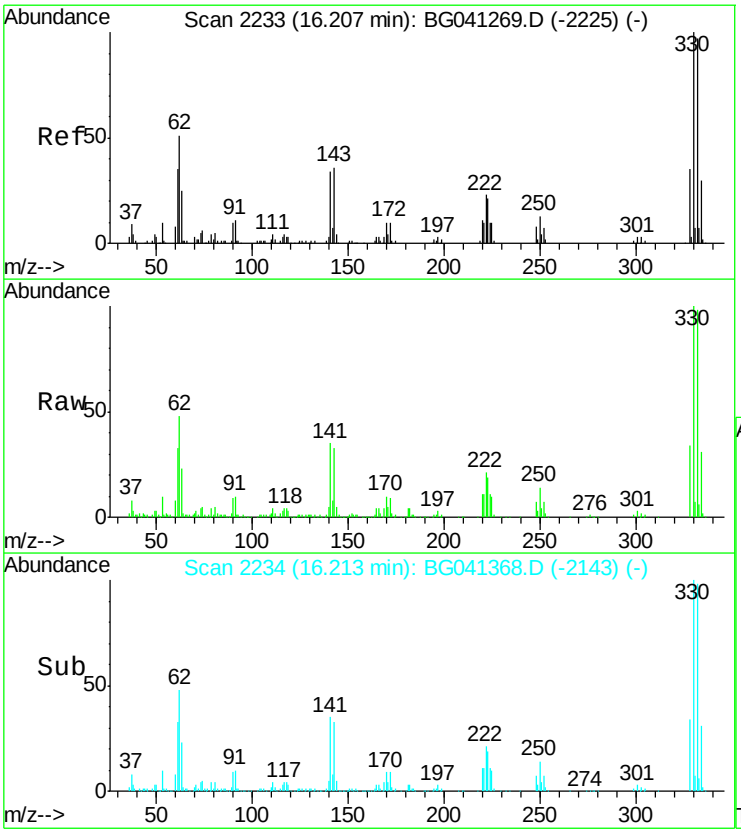
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 111536

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.8	124.2
160	45.7	35.8	53.8

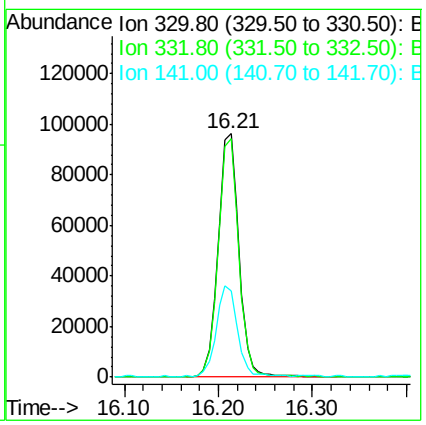


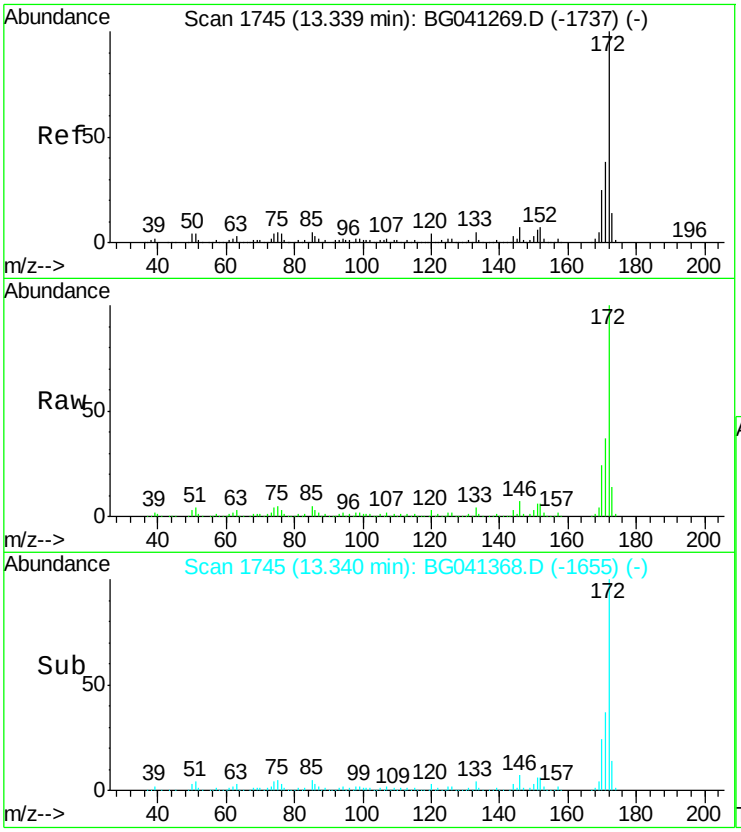


#42
2,4,6-Tribromophenol
Concen: 87.057 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:330 Resp: 149070

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	37.1	29.0	43.4



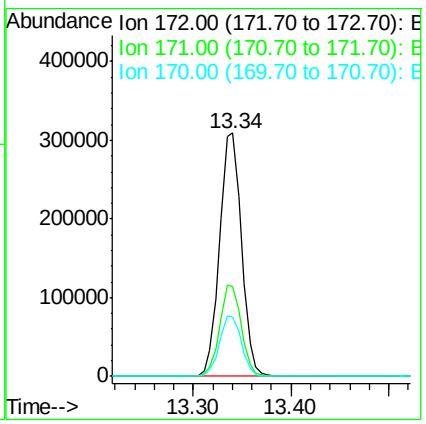


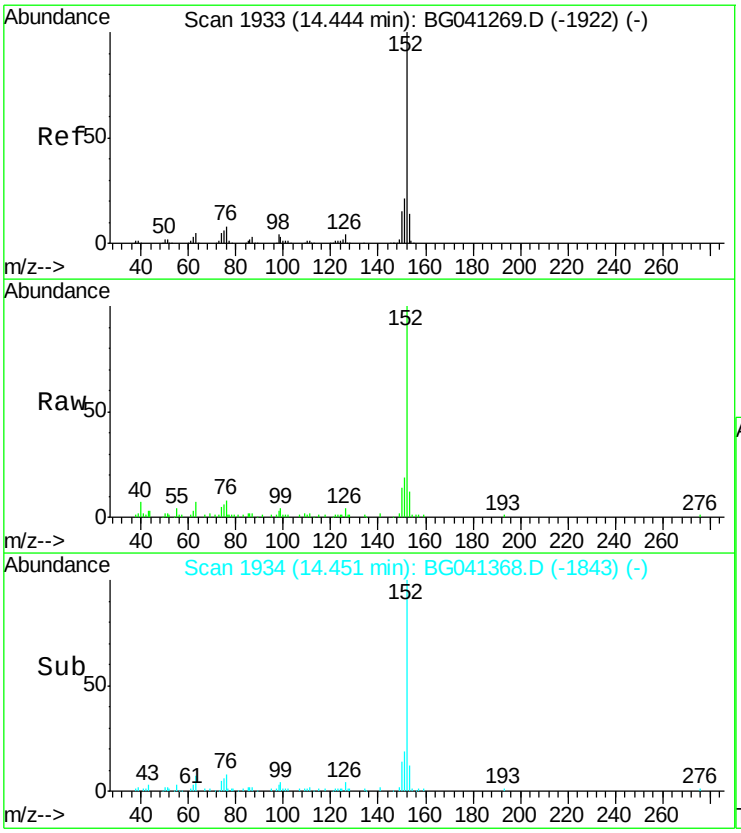
#45
2-Fluorobiphenyl
Concen: 58.645 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 481257

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.4	19.8	29.6

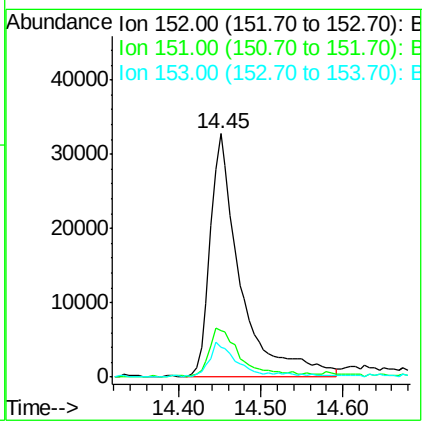


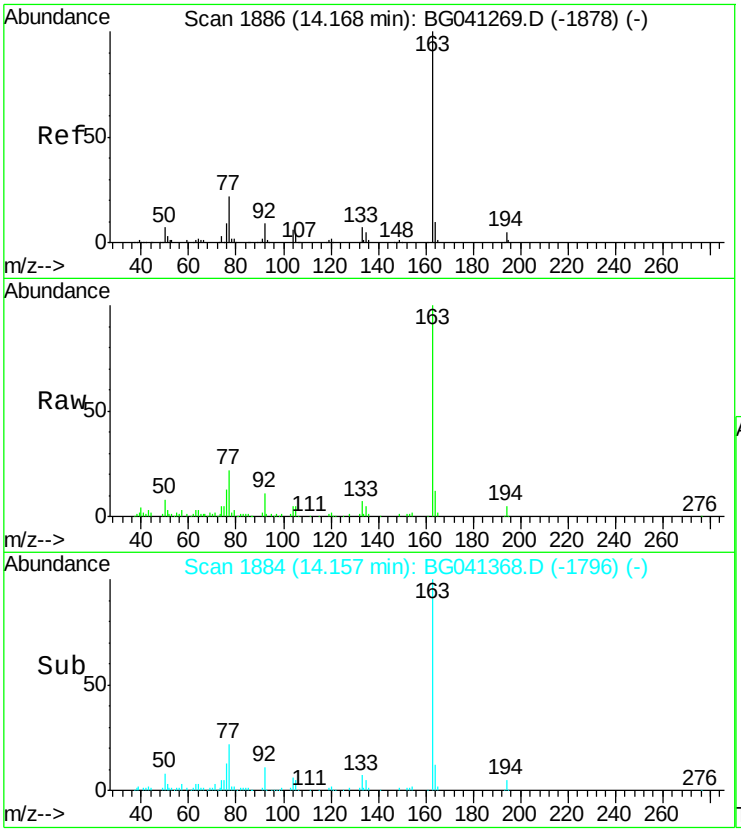


#49
Acenaphthylene
Concen: 7.687 ng
RT: 14.45 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:152 Resp: 84682

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.8	25.2
153	12.2	10.8	16.2



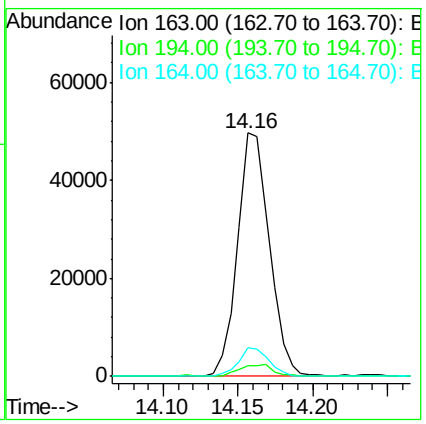


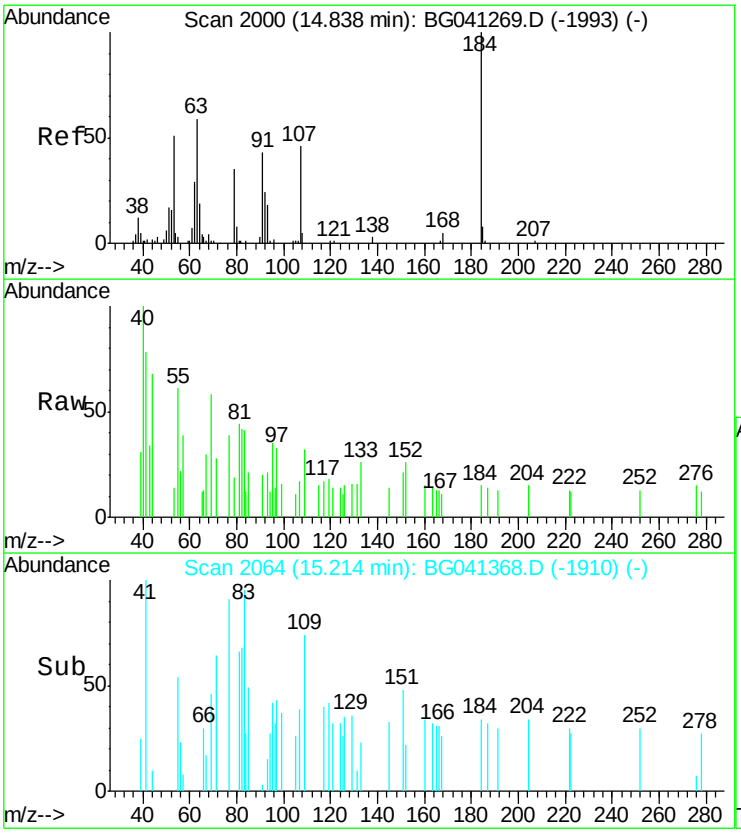
#50
Dimethylphthalate
Concen: 7.439 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 73822

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	11.8	8.3	12.5

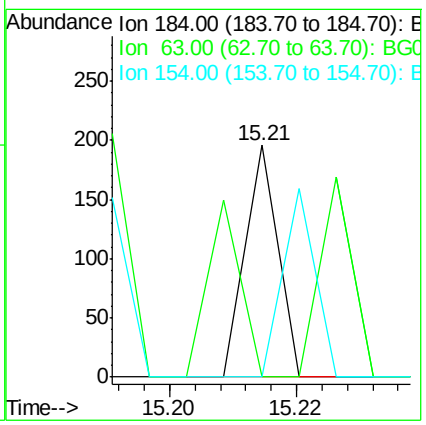


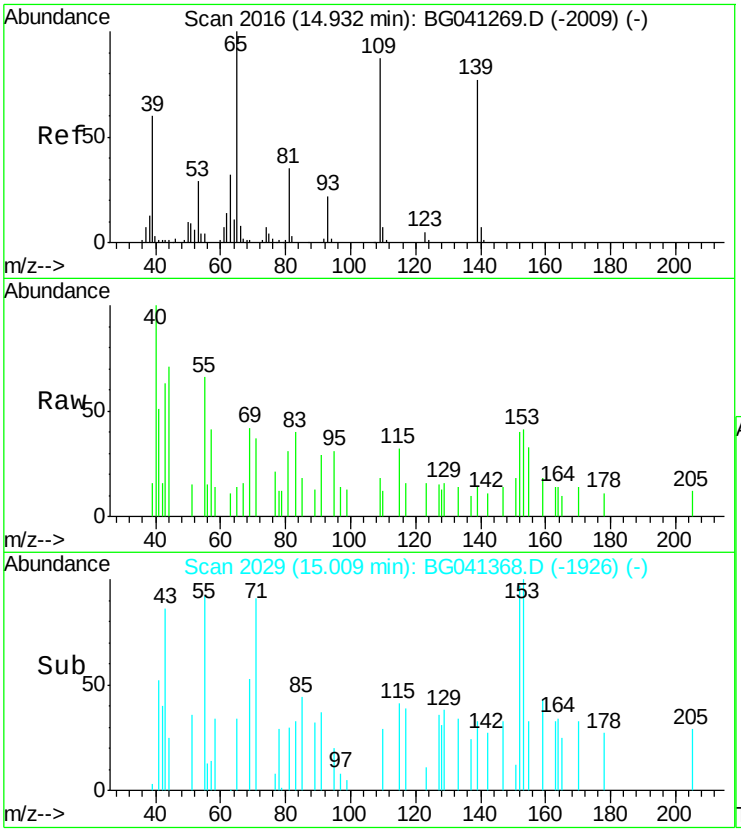


#54
2,4-Dinitrophenol
Concen: 4.889 ng
RT: 15.21 min Scan# 2064
Delta R.T. 0.38 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#



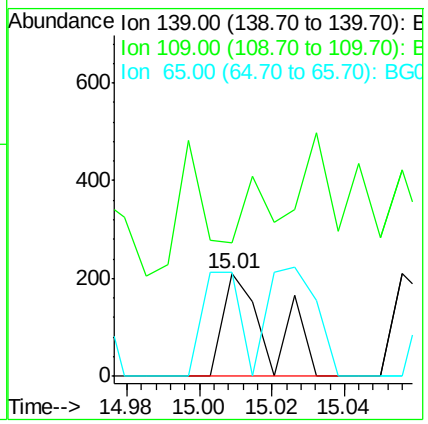


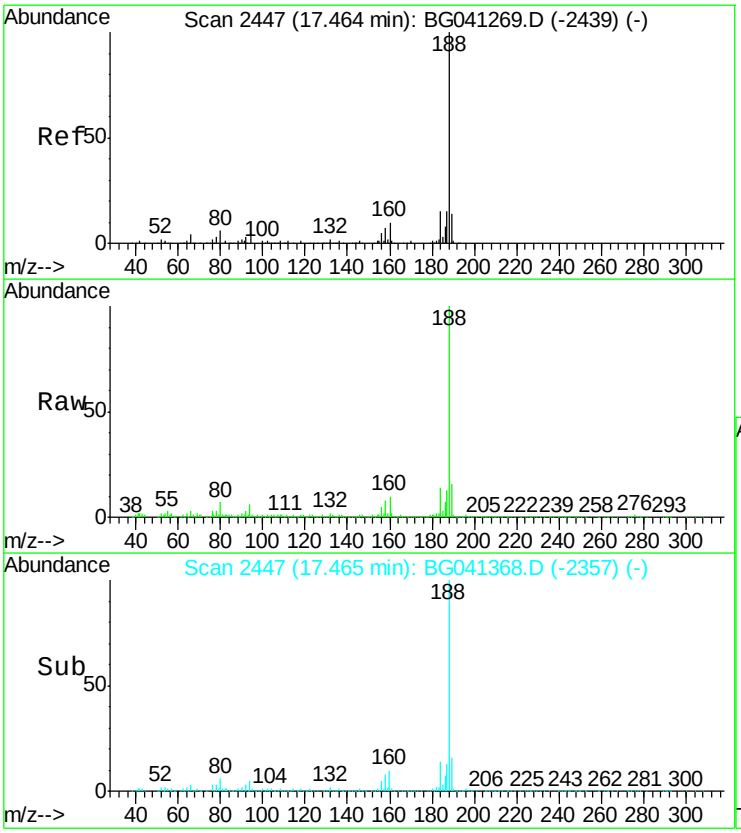
#56
4-Nitrophenol
Concen: 3.330 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.08 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 186

Ion	Ratio	Lower	Upper
139	100		
109	130.1	93.2	133.2
65	101.9	110.2	150.2#

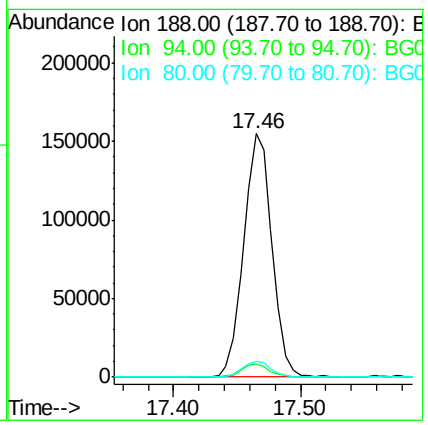


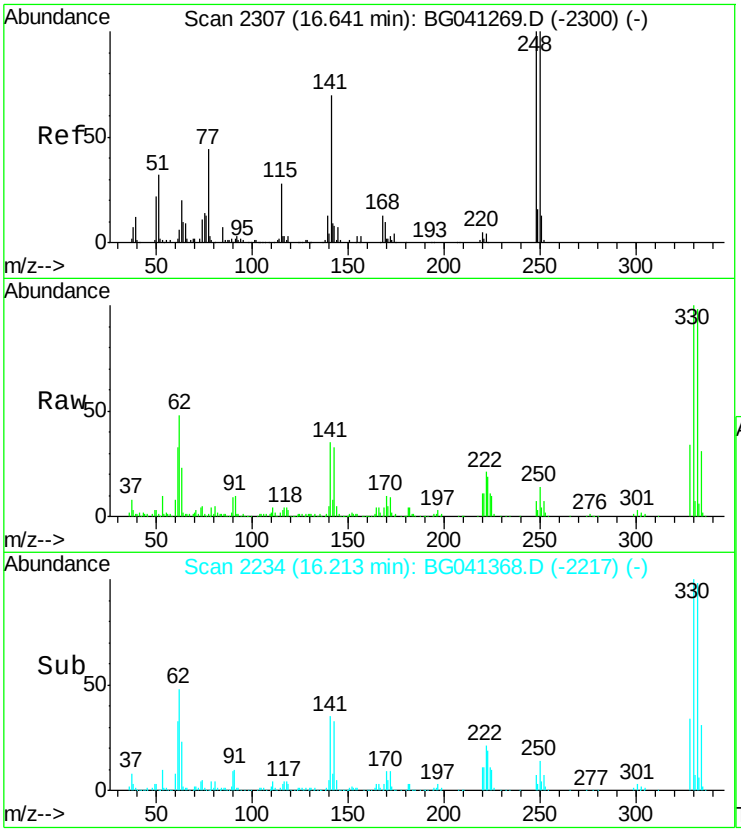


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:188 Resp: 238476

Ion	Ratio	Lower	Upper
188	100		
94	5.6	3.6	5.4#
80	6.5	4.8	7.2



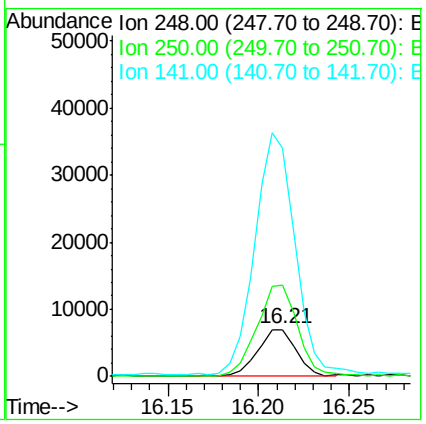


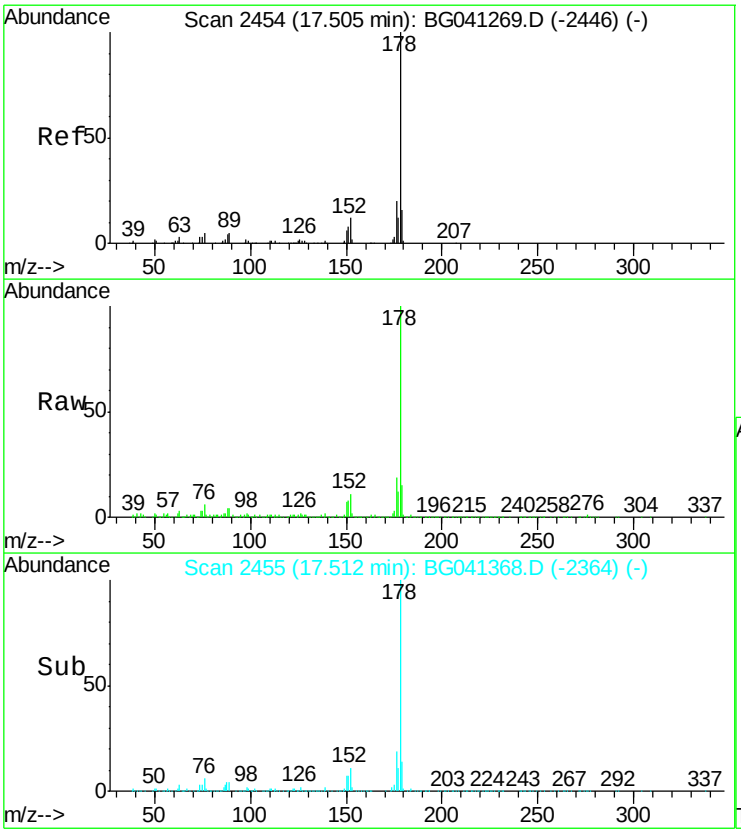
#67
4-Bromophenyl-phenylether
Concen: 3.389 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.43 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10449

Ion	Ratio	Lower	Upper
248	100		
250	197.2	79.8	119.8#
141	492.1	55.8	83.6#

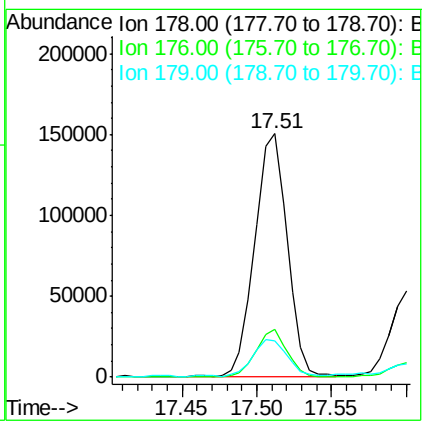


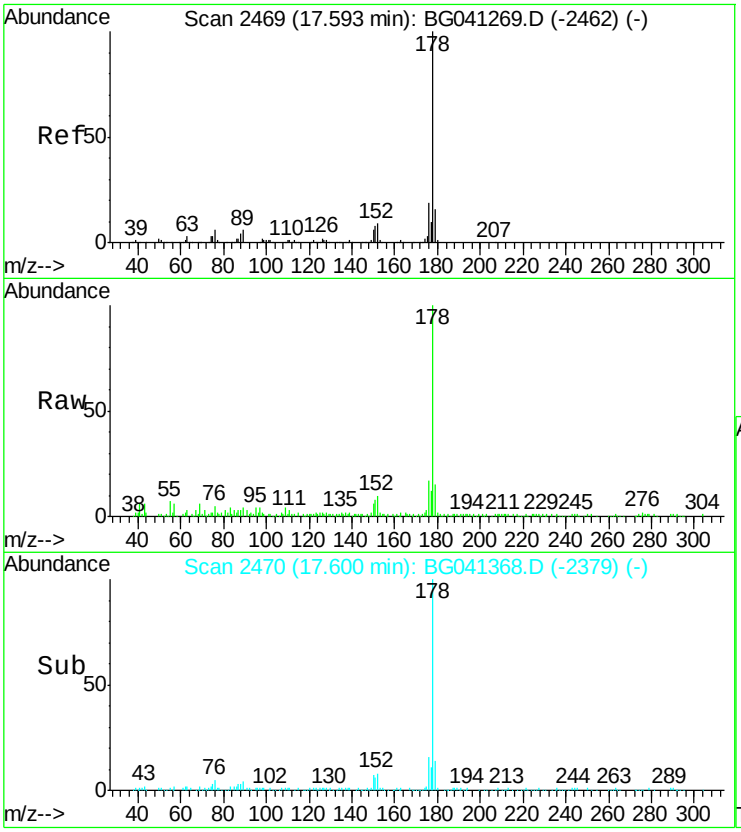


#71
Phenanthrene
Concen: 17.688 ng
RT: 17.51 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:178 Resp: 224971

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.1	24.1
179	14.9	12.9	19.3



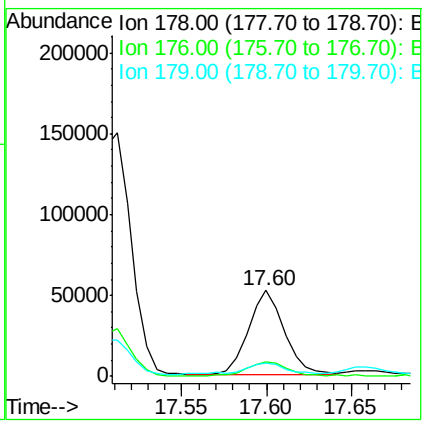


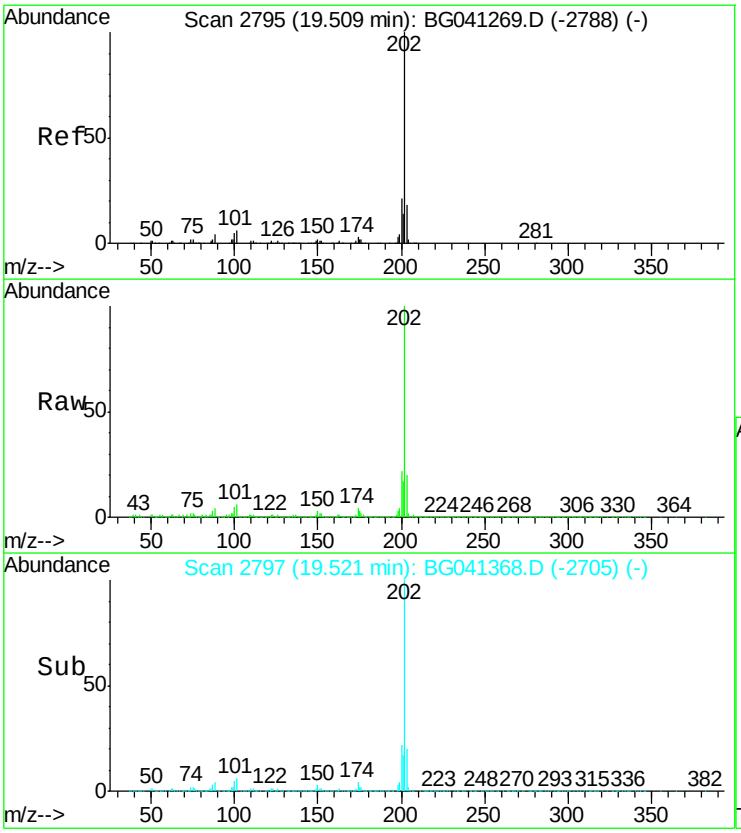
#72
Anthracene
Concen: 6.251 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 78385

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.4	23.2
179	15.1	13.0	19.4

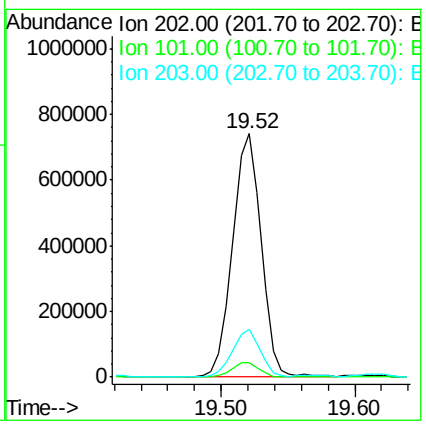


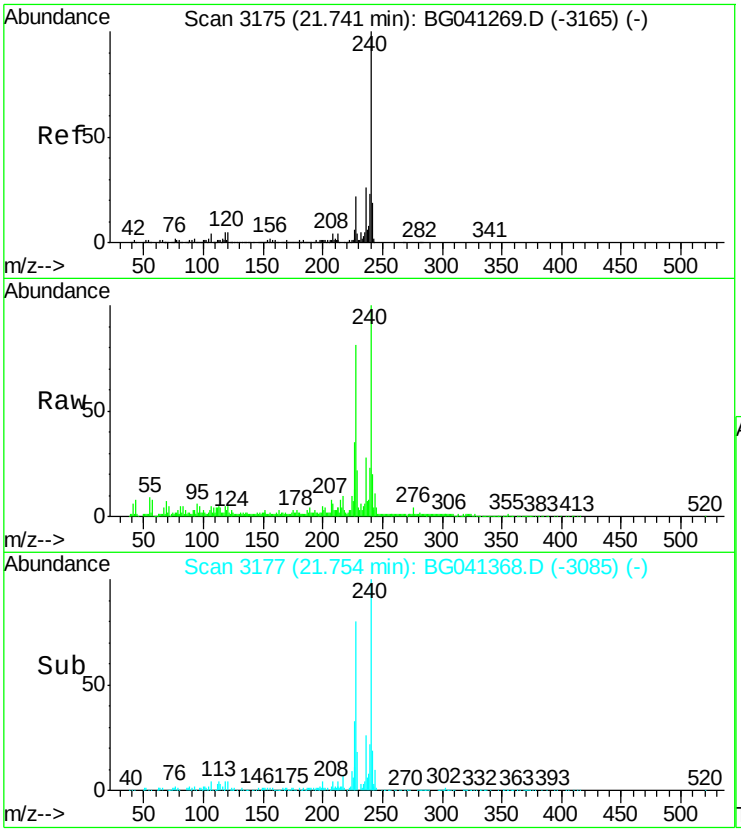


#75
Fluoranthene
Concen: 65.067 ng
RT: 19.52 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:202 Resp: 1099445

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	26.0
203	19.8	0.0	37.7



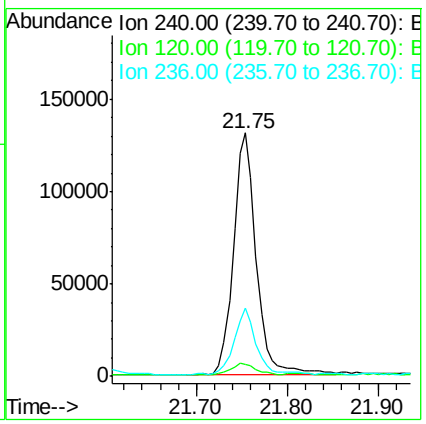


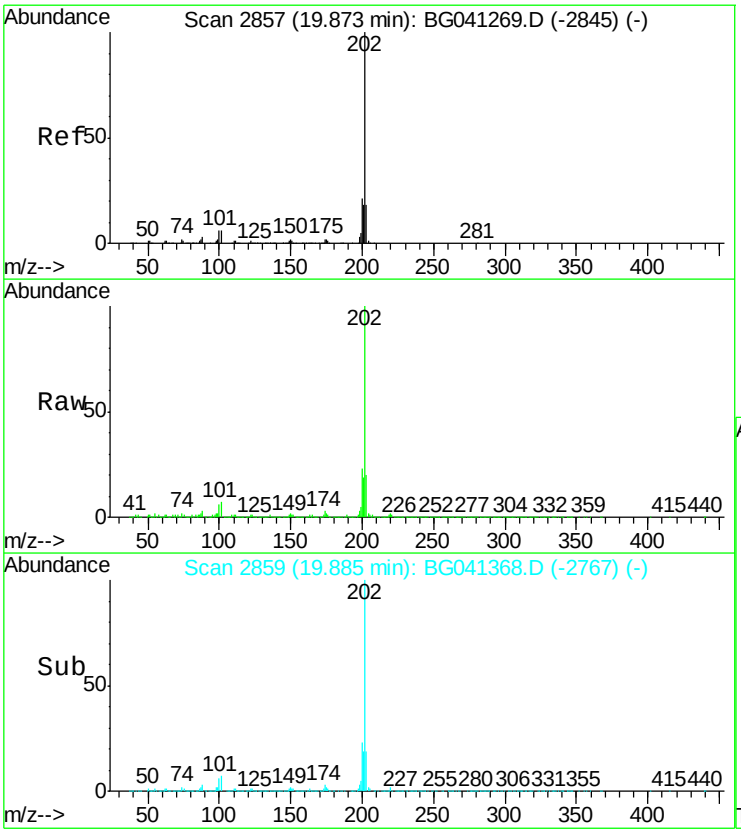
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 229512

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	27.8	21.1	31.7

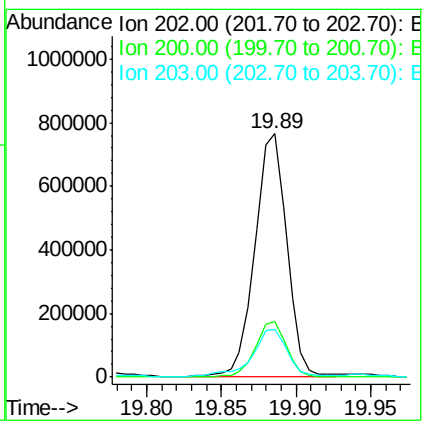


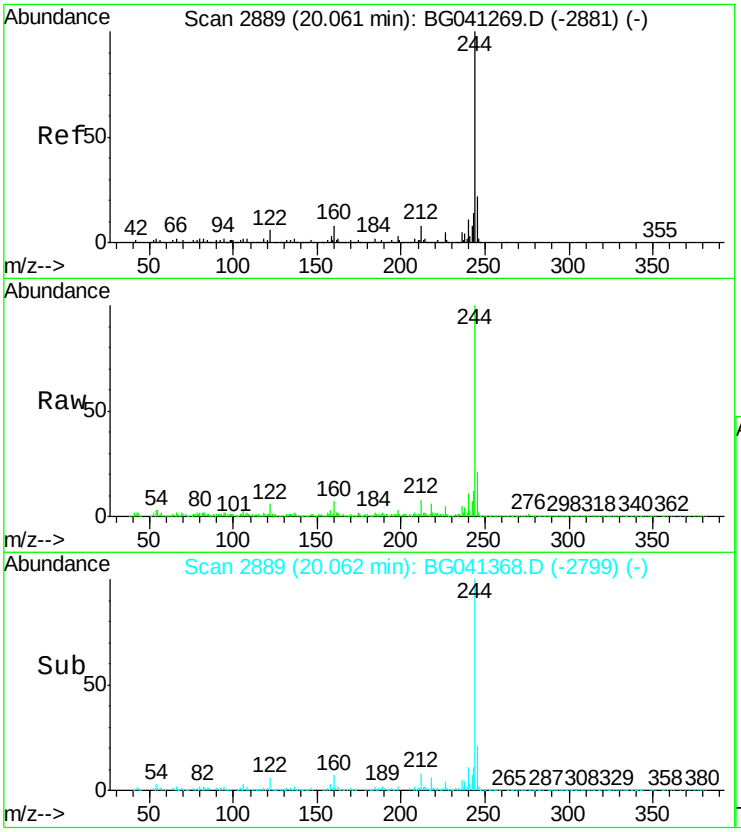


#78
Pyrene
Concen: 72.724 ng
RT: 19.89 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:202 Resp: 1125662

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.8	25.2
203	19.7	14.6	21.8



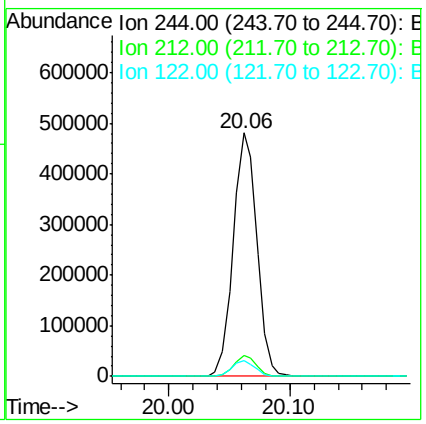


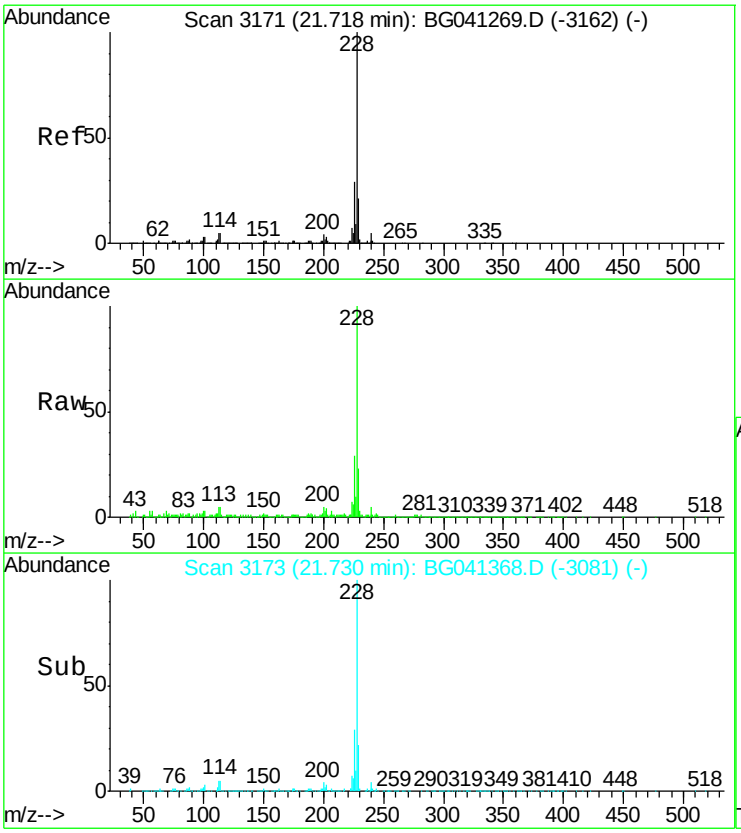
#79
Terphenyl-d14
Concen: 56.469 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 653967

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	6.5	5.0	7.4

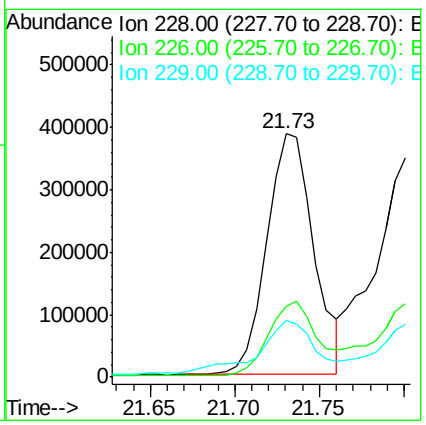


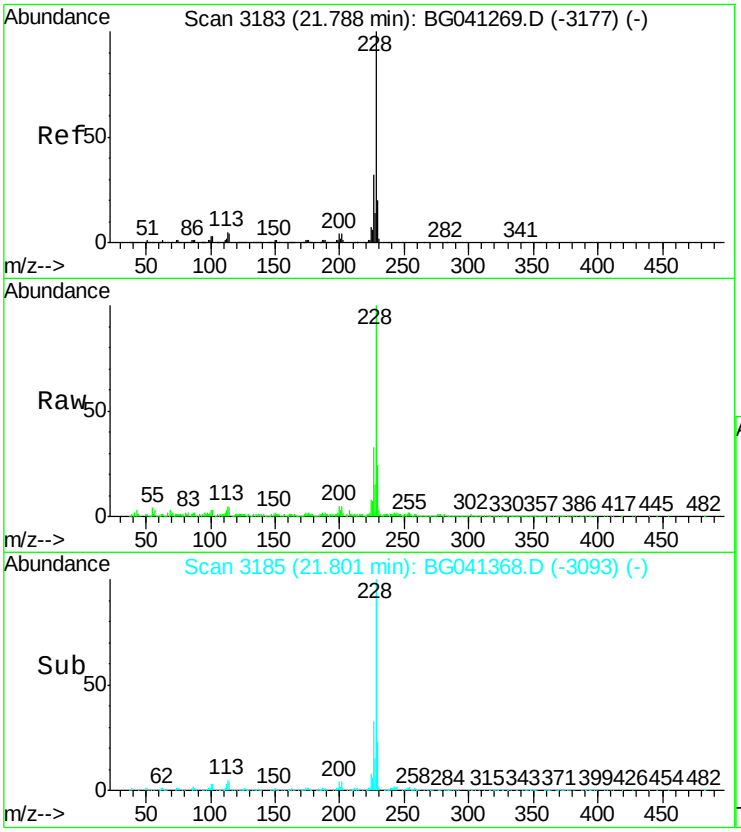


#81
Benzo(a)anthracene
Concen: 47.637 ng
RT: 21.73 min Scan# 3173
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:228 Resp: 740285

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	23.2	16.8	25.2



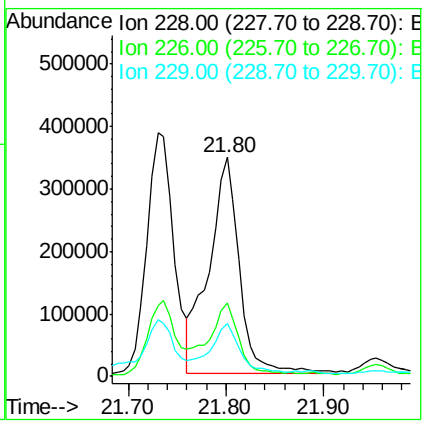


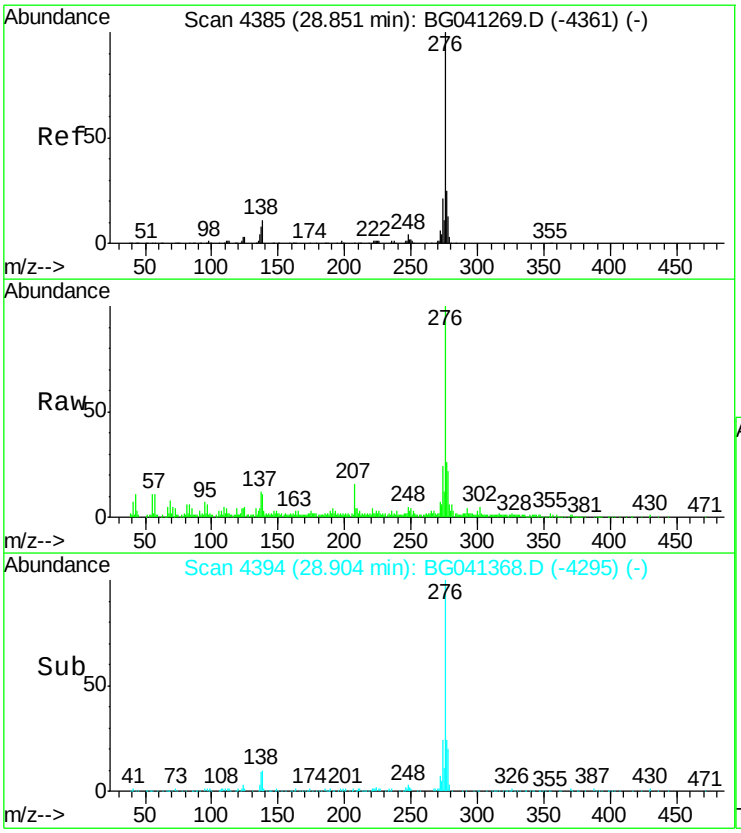
#83
Chrysene
Concen: 50.647 ng
RT: 21.80 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 756893

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.0
229	24.0	16.2	24.2

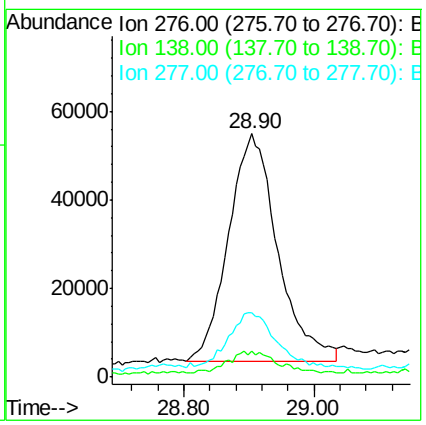


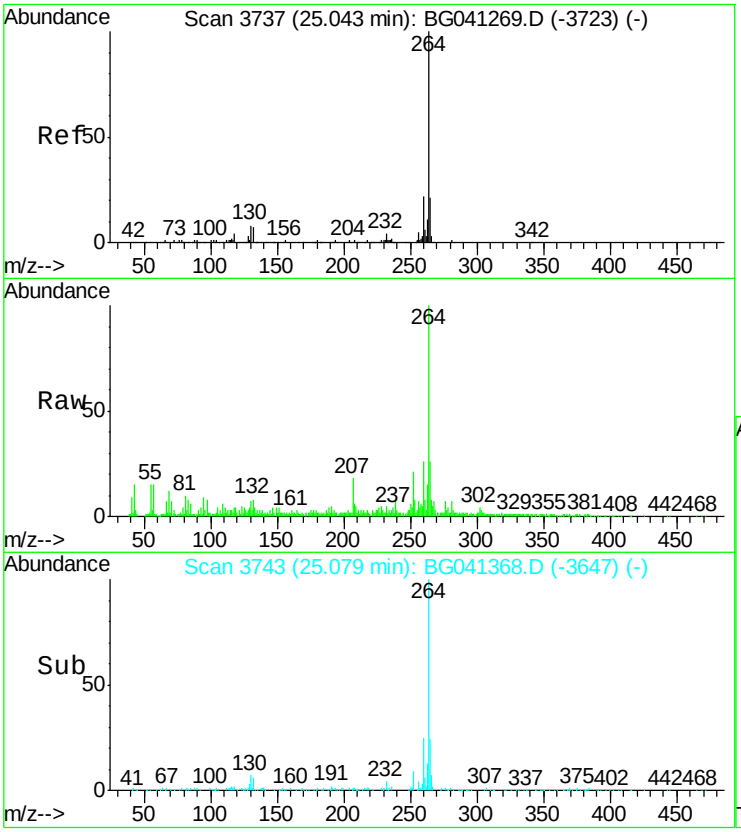


#86
Indeno(1,2,3-cd)pyrene
Concen: 15.214 ng
RT: 28.90 min Scan# 4394
Delta R.T. 0.05 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:276 Resp: 269755

Ion	Ratio	Lower	Upper
276	100		
138	3.9	7.7	11.5#
277	21.5	20.6	31.0



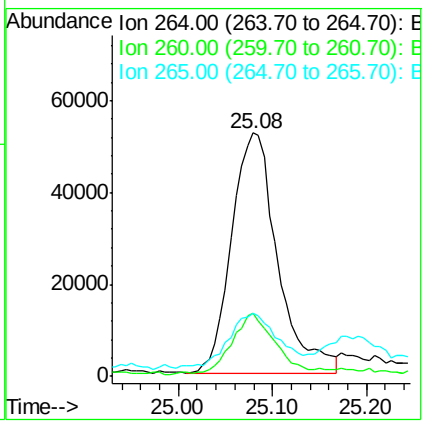


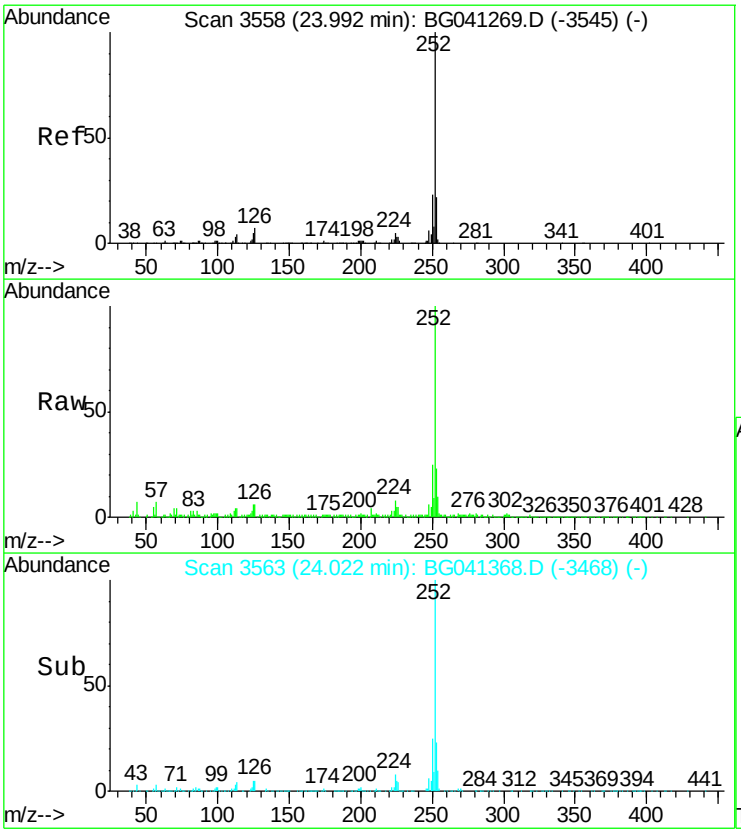
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. 0.04 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 177521

Ion	Ratio	Lower	Upper
264	100		
260	26.1	17.4	26.2
265	25.8	17.2	25.8#

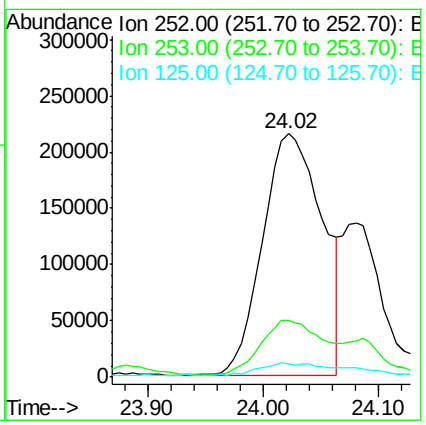


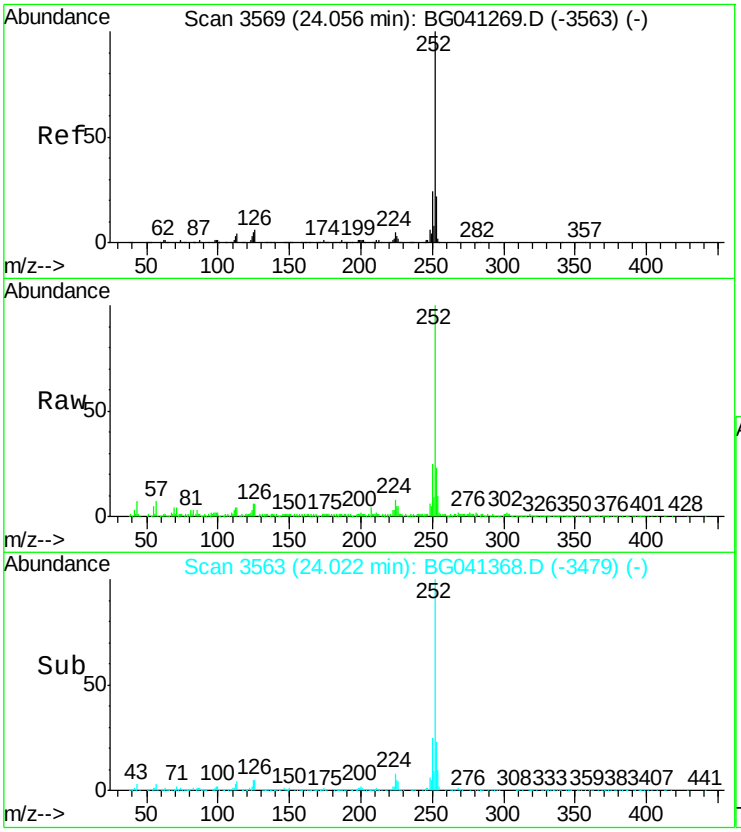


#88
Benzo(b)fluoranthene
Concen: 70.136 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.03 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:252 Resp: 771607

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	5.6	3.9	5.9



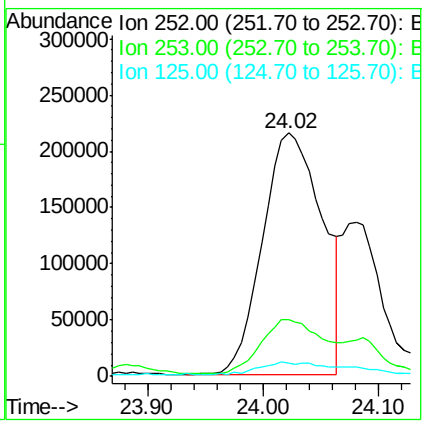


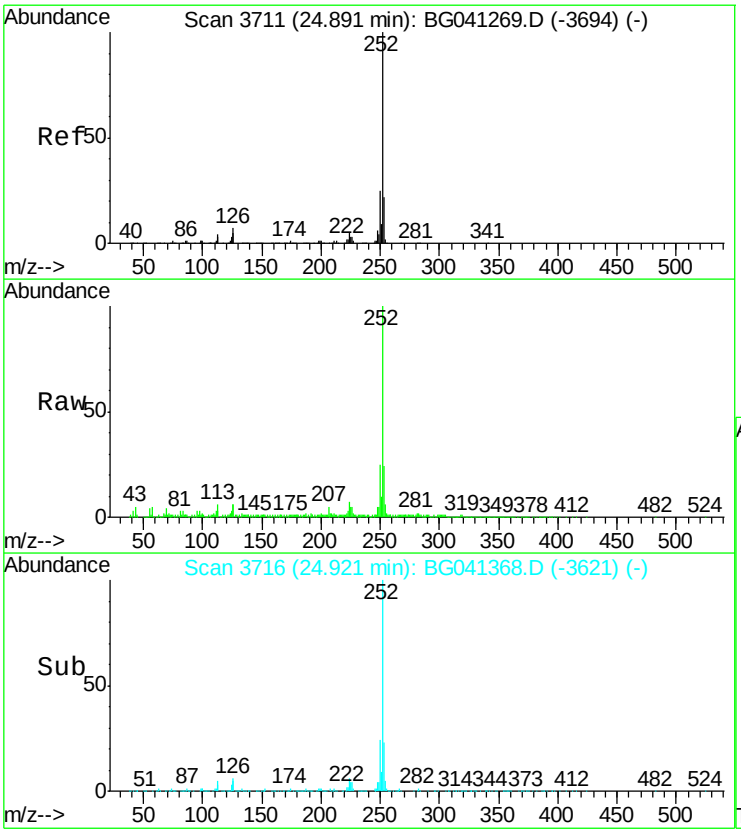
#89
Benzo(k)fluoranthene
Concen: 70.799 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 771607

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	5.6	4.3	6.5

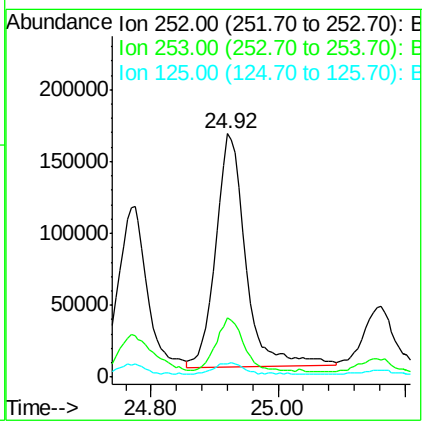


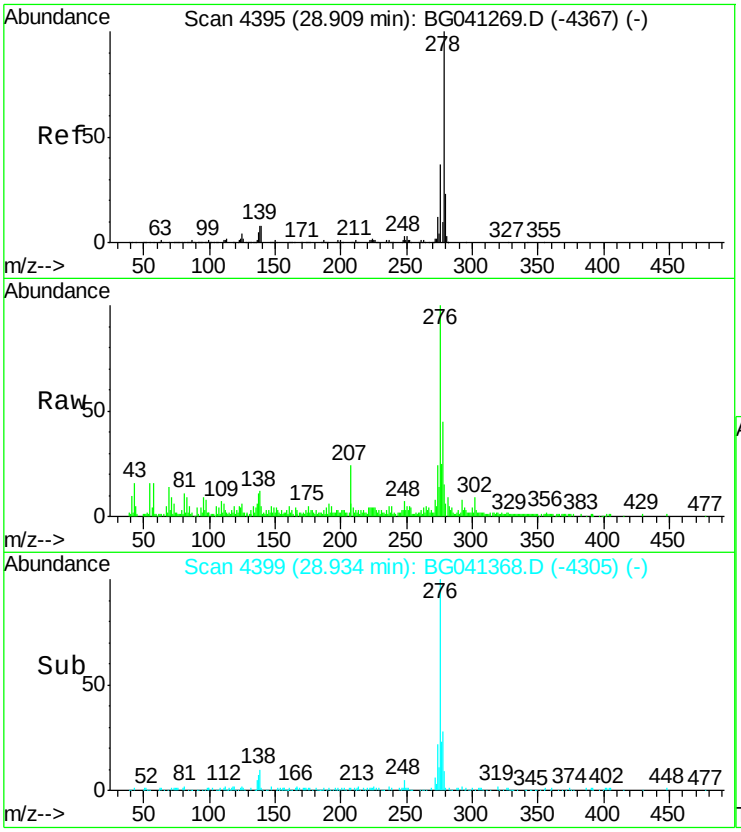


#90
Benzo(a)pyrene
Concen: 51.231 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.03 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:252 Resp: 532293

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	5.5	4.2	6.4



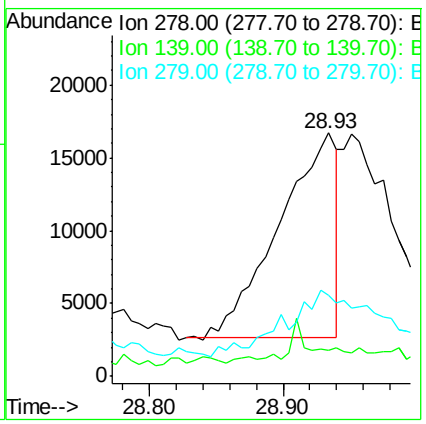


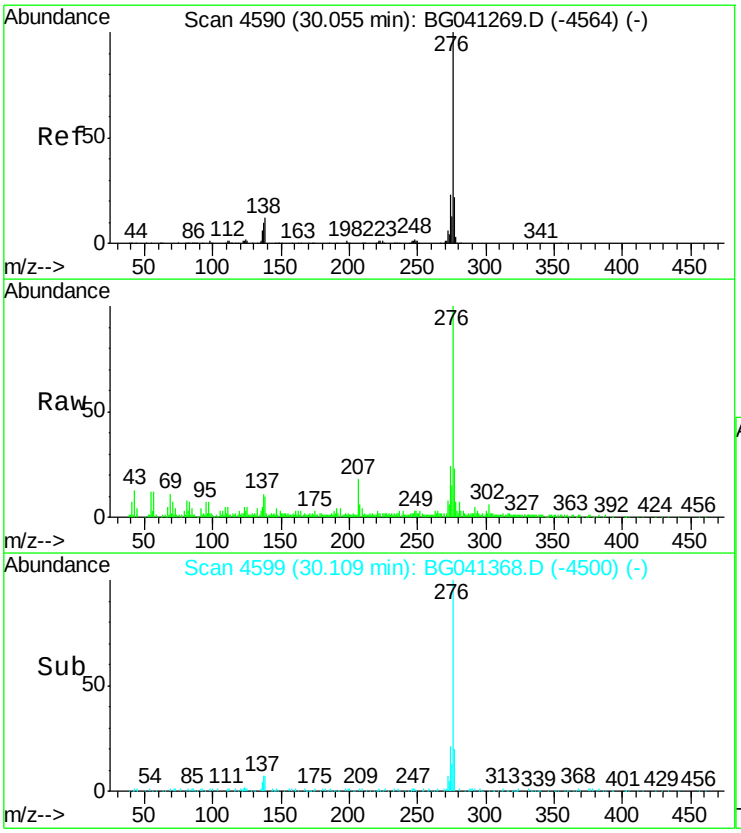
#91
Dibenzo(a,h)anthracene
Concen: 3.999 ng
RT: 28.93 min Scan# 4399
Delta R.T. 0.02 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 41834

Ion	Ratio	Lower	Upper
278	100		
139	10.4	6.6	10.0#
279	33.2	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 24.059 ng
RT: 30.11 min Scan# 4599
Delta R.T. 0.05 min
Lab File: BG041368.D
Acq: 20 Jun 2019 22:10

Tgt Ion:276 Resp: 248708

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	10.3	9.4	14.0