Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
Data File : BG041392.D
Acq On : 22 Jun 2019 2:44
Operator : HP/JU
Sample : K3419-03RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B

Quant Time: Jun 22 04:59:27 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	8.05	152	30676	20.00	ng		-0.03
21) Naphthalene-d8	10.87	136	116992	20.00	ng		-0.03
39) Acenaphthene-d10	14.69	164	90388	20.00	ng		-0.03
64) Phenanthrene-d10	17.44	188	240603	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	243367	20.00	ng		-0.03
87) Perylene-d12	25.00	264	257600	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	240711	144.18	ng		-0.03
7) Phenol-d6	7.21	99	349588	144.46	ng		-0.02
23) Nitrobenzene-d5	9.23	82	246503	88.61	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	207956	149.86	ng		-0.02
45) 2-Fluorobiphenyl	13.31	172	531764	79.96	ng		-0.03
79) Terphenyl-d14	20.04	244	841466	68.52	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	35152	17.960	ng	#	84
50) Dimethylphthalate	14.13	163	62992	7.833	ng		96
57) 2,4-Dinitrotoluene	14.69	165	11356	4.581	ng	#	19
67) 4-Bromophenyl-phenylether	16.18	248	15142	4.867	ng	#	1
77) Benzidine	20.04	184	14067	2.390	ng	#	93
78) Pyrene	19.85	202	58791	3.582	ng		98
86) Indeno(1,2,3-cd)pyrene	28.78	276	123600	6.574	ng		97
88) Benzo(b)fluoranthene	23.95	252	107925	6.760	ng		99
89) Benzo(k)fluoranthene	23.95	252	107925	6.824	ng		97
90) Benzo(a)pyrene	24.85	252	80953	5.369	ng	#	97
92) Benzo(g,h,i)perylene	29.97	276	213407	14.227	ng		99

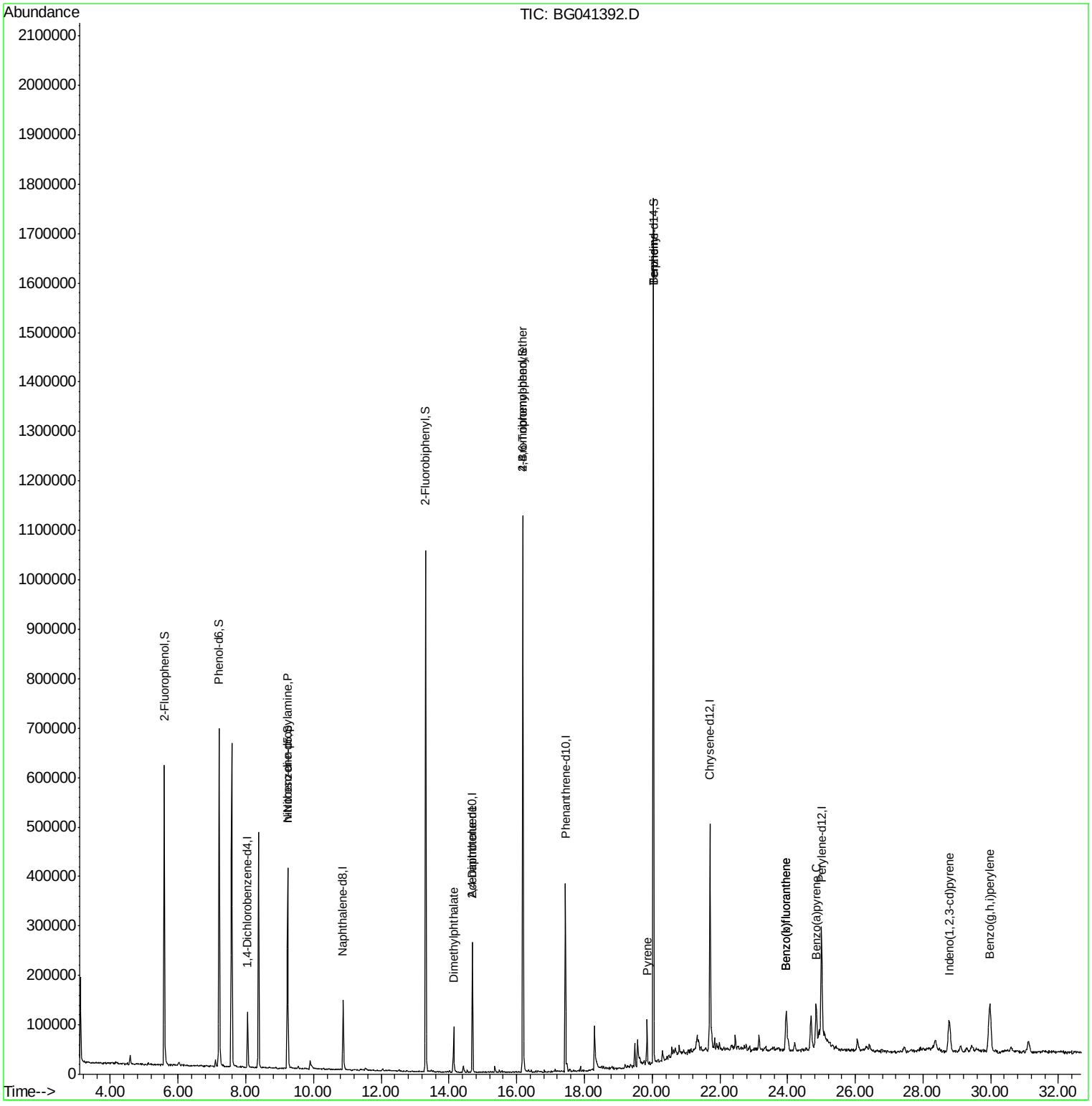
(#) = qualifier out of range (m) = manual integration (+) = signals summed

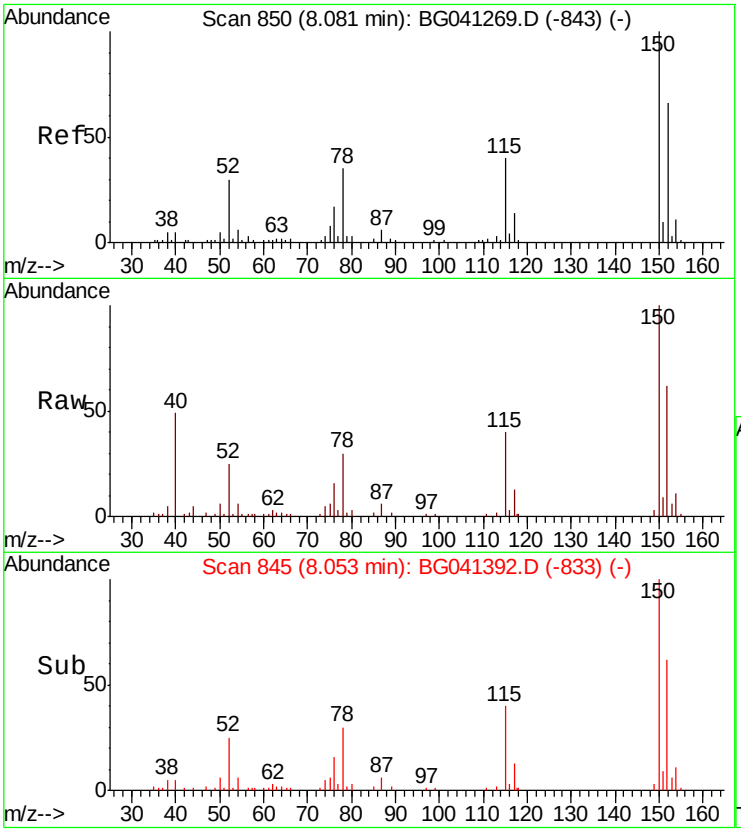
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
Data File : BG041392.D
Acq On : 22 Jun 2019 2:44
Operator : HP/JU
Sample : K3419-03RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-B

Quant Time: Jun 22 04:59:27 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



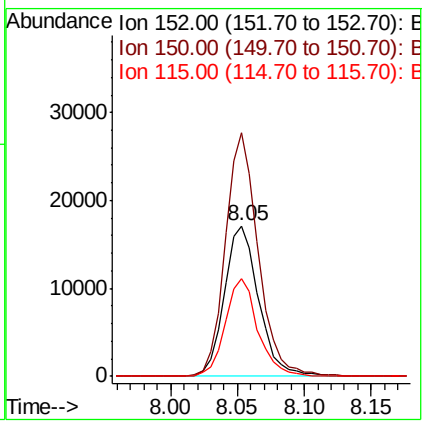


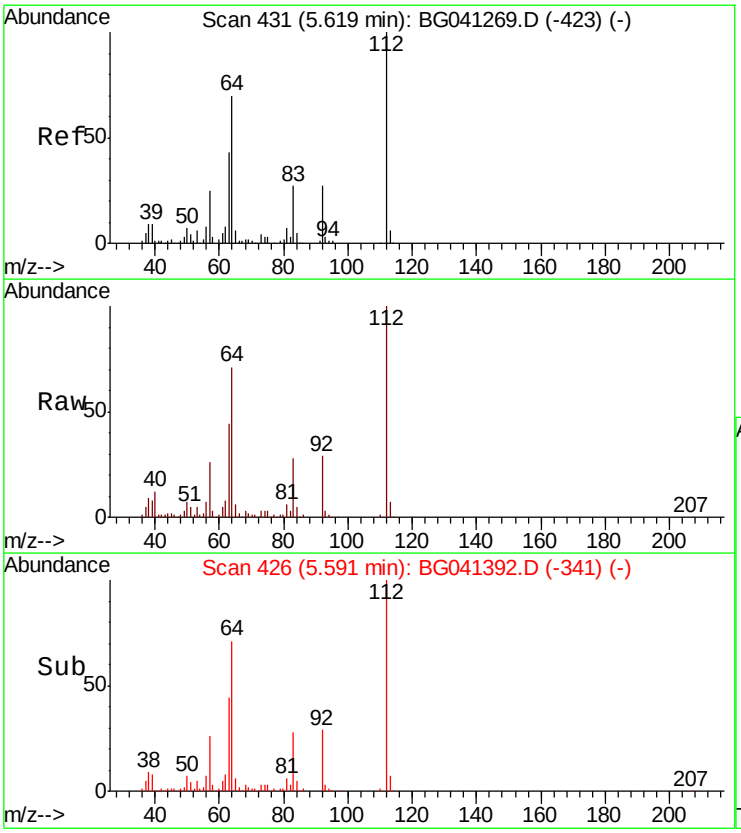
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:152 Resp: 30676

Ion	Ratio	Lower	Upper
152	100		
150	161.8	120.6	181.0
115	65.0	47.9	71.9

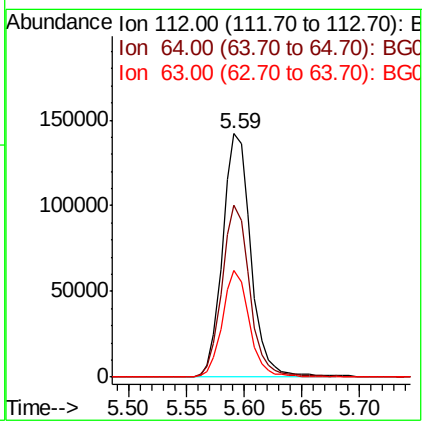


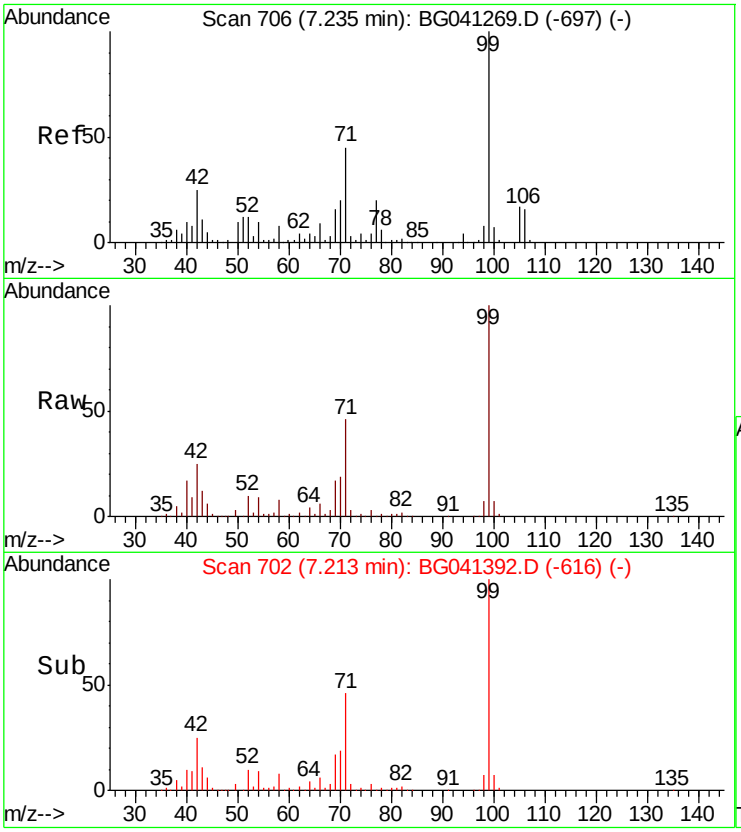


#5
2-Fluorophenol
Concen: 144.180 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:112 Resp: 240711

Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.9	83.9
63	43.6	34.6	51.8



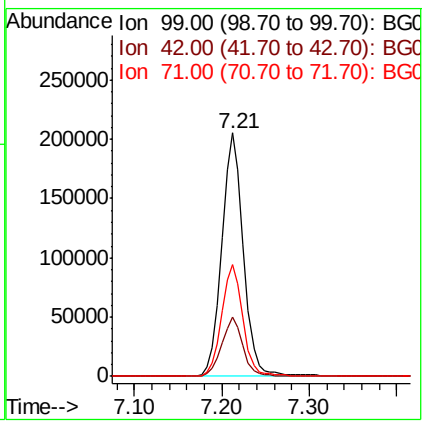


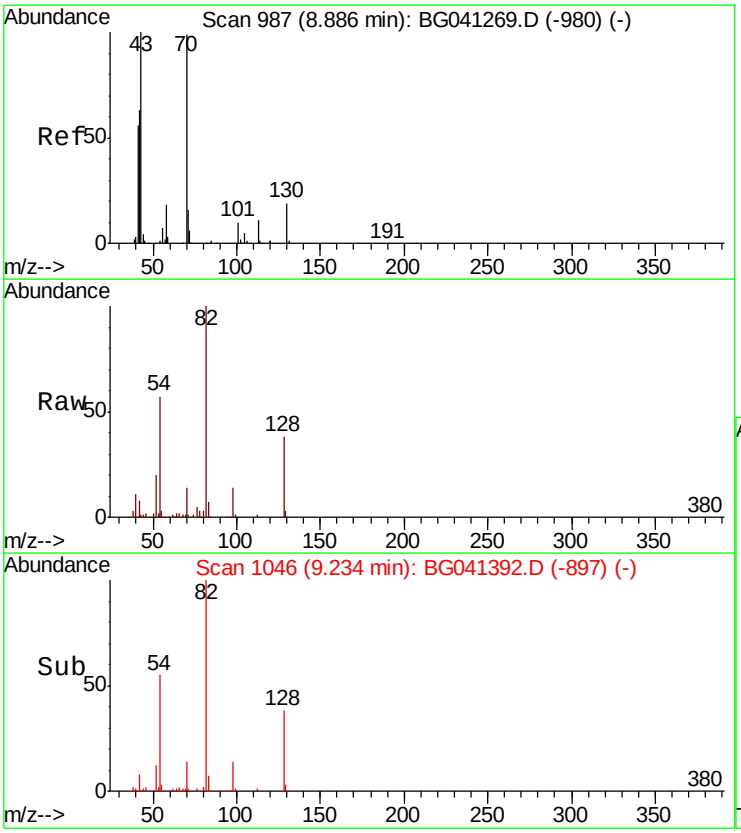
#7
Phenol-d6
Concen: 144.459 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion: 99 Resp: 349588

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.9	29.9
71	46.0	36.4	54.6

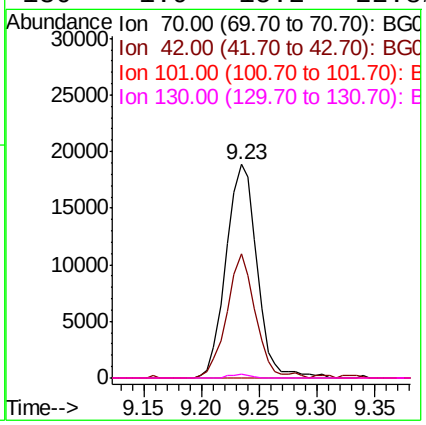


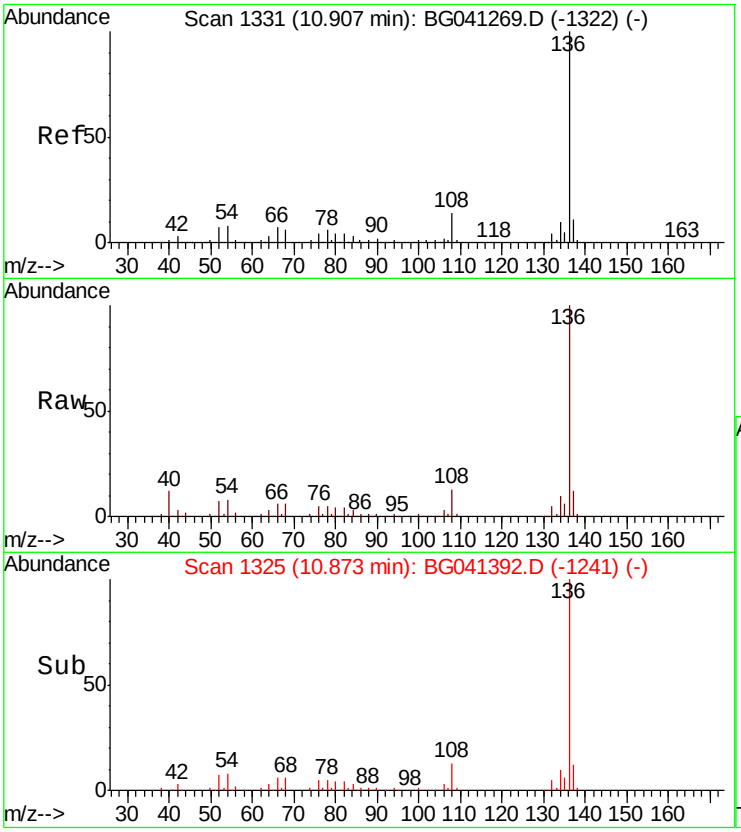


#19
n-Nitroso-di-n-propylamine
Concen: 17.960 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.35 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion: 70 Resp: 35152

Ion	Ratio	Lower	Upper
70	100		
42	58.1	51.4	77.2
101	0.0	8.2	12.2#
130	1.9	15.2	22.8#



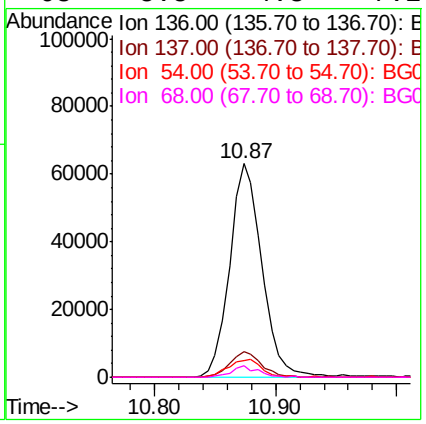


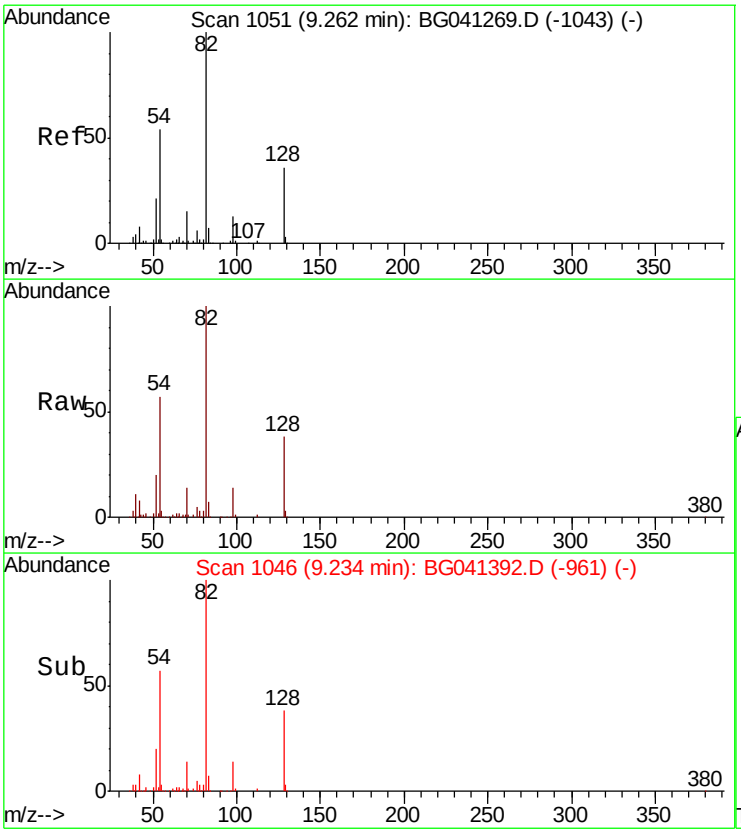
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:136 Resp: 116992

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	7.9	6.4	9.6
68	5.5	4.8	7.2

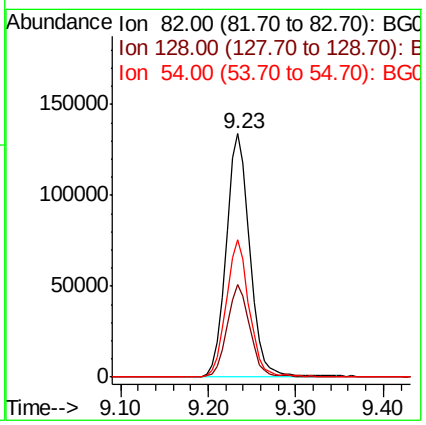


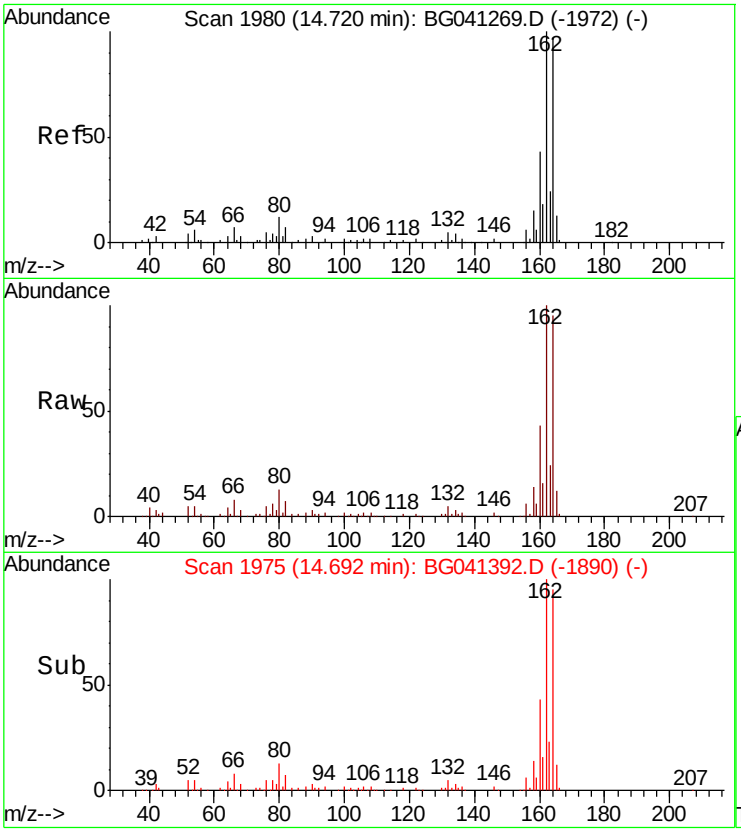


#23
Nitrobenzene-d5
Concen: 88.613 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion: 82 Resp: 246503

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.2	43.8
54	56.7	43.4	65.0



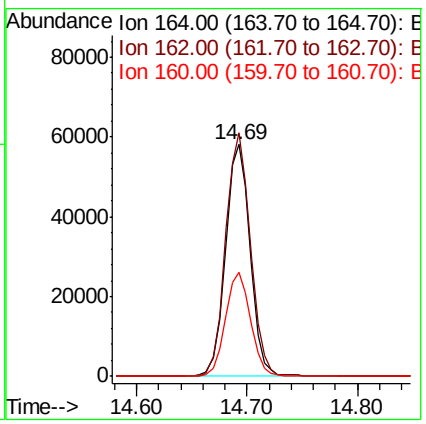


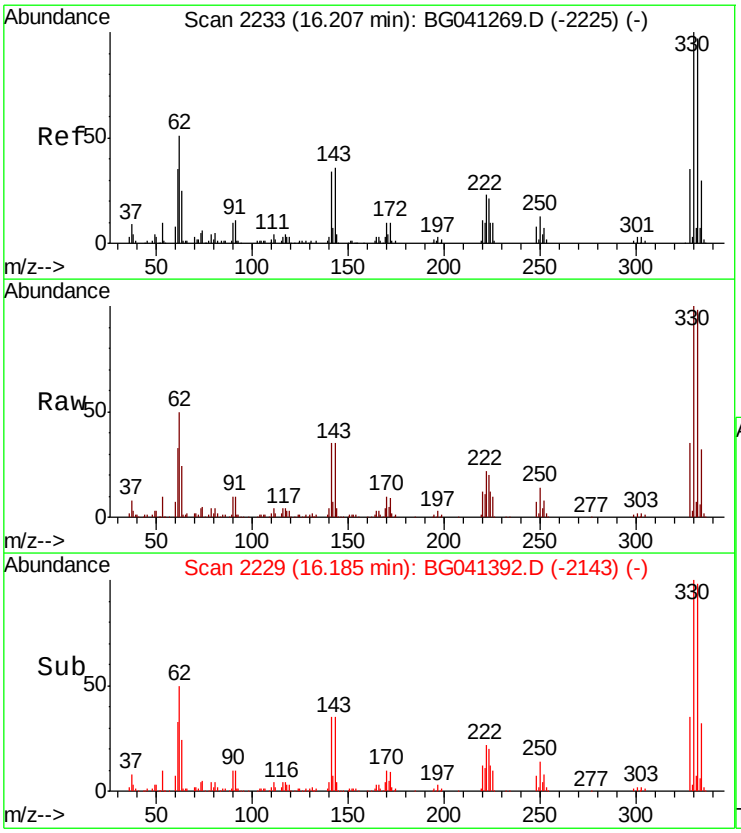
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:164 Resp: 90388

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.8	124.2
160	45.0	35.8	53.8

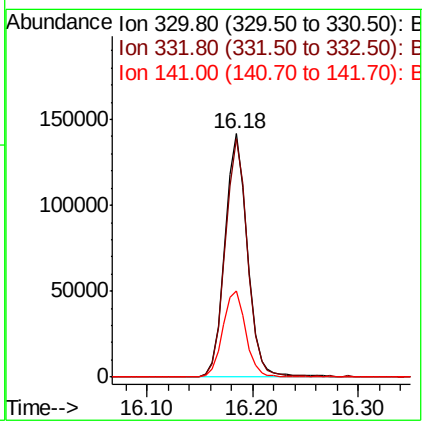


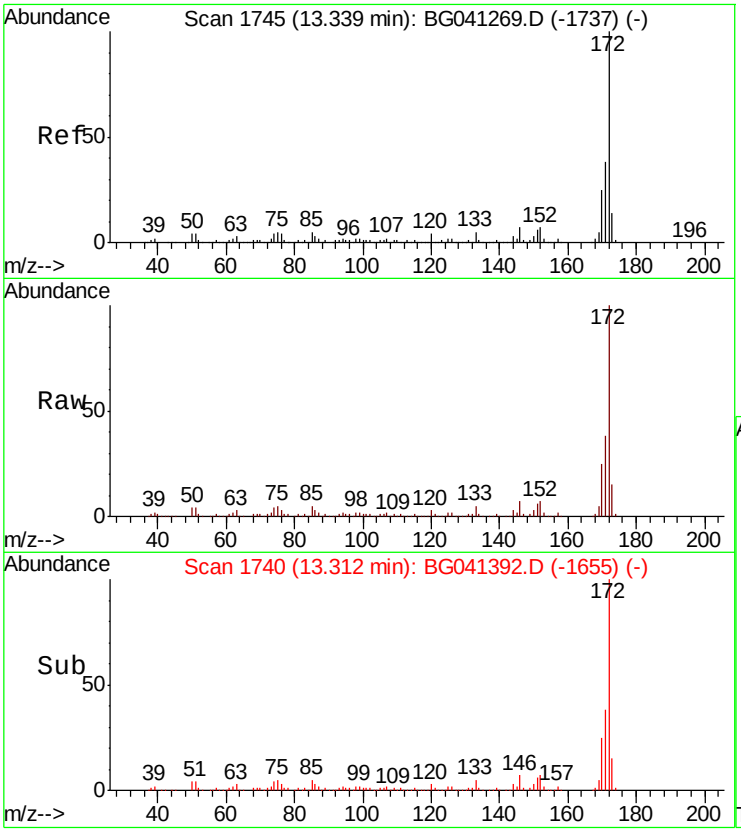


#42
2,4,6-Tribromophenol
Concen: 149.861 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:330 Resp: 207956

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.5	113.3
141	36.3	29.0	43.4



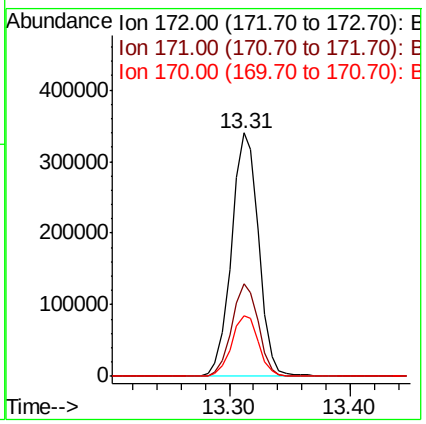


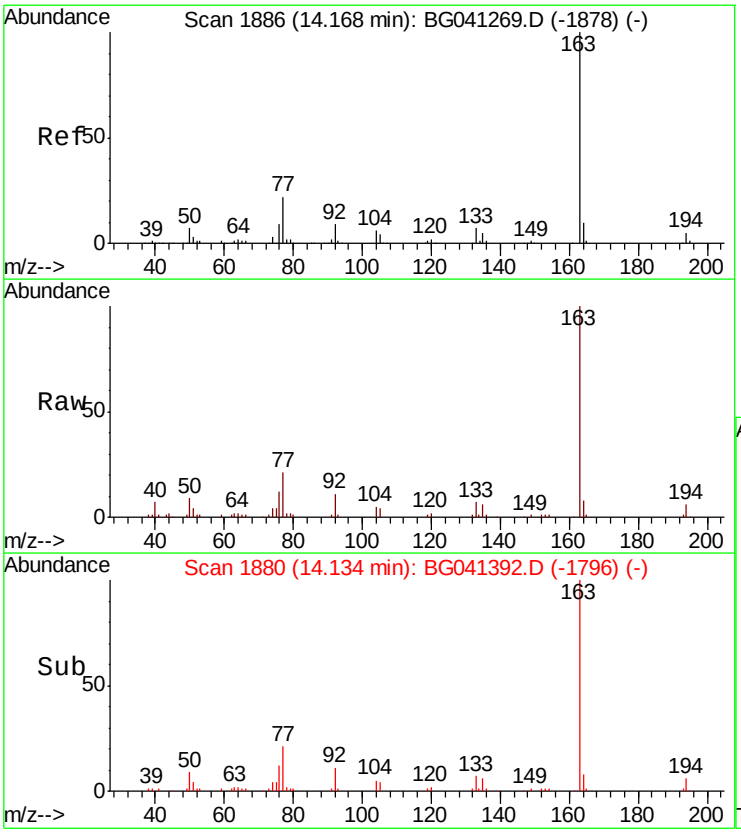
#45
2-Fluorobiphenyl
Concen: 79.961 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:172 Resp: 531764

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.8	19.8	29.6

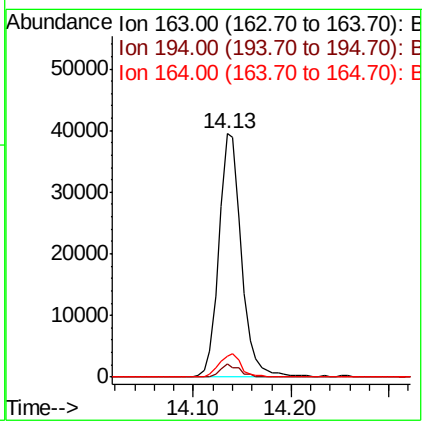


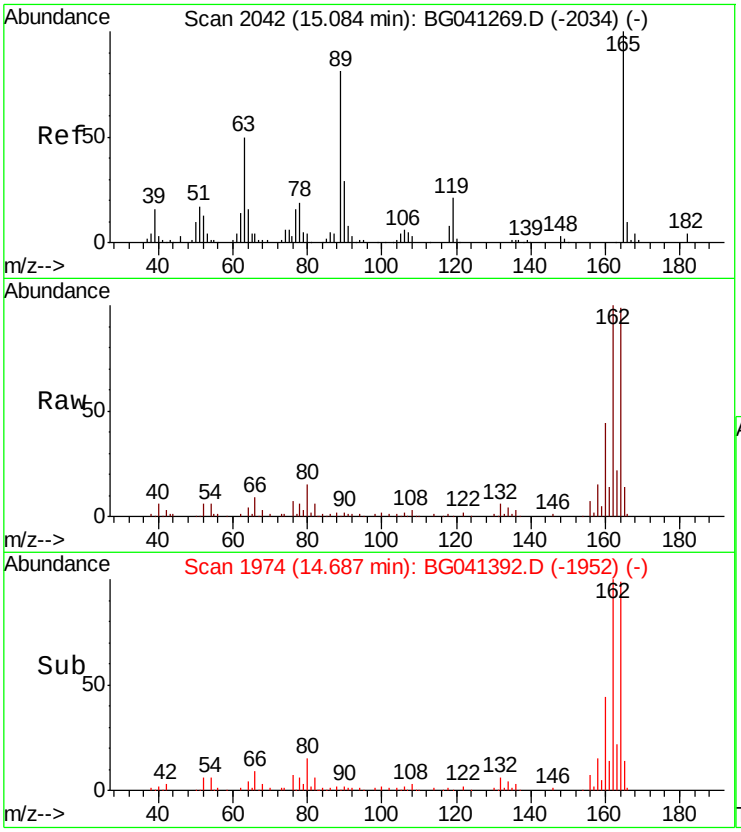


#50
Dimethylphthalate
Concen: 7.833 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:163 Resp: 62992

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.9	5.9
164	8.3	8.3	12.5



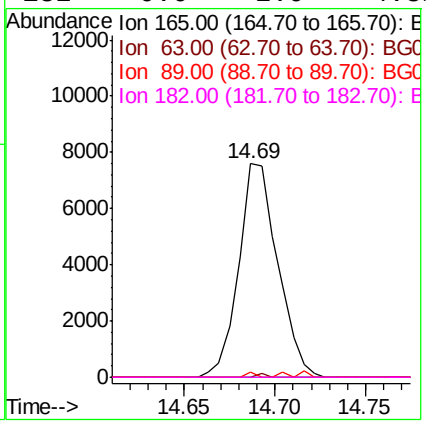


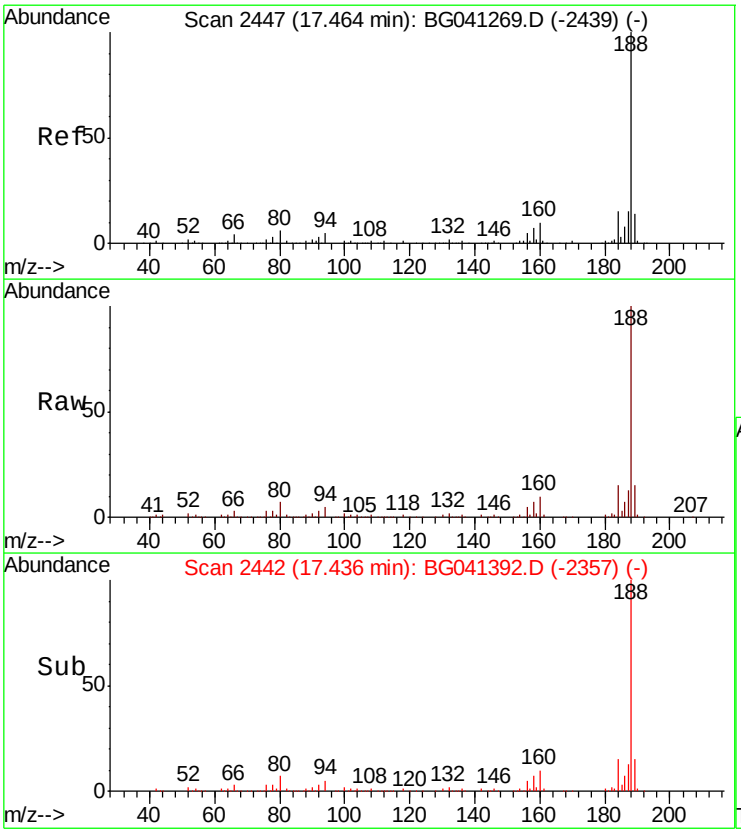
#57
2,4-Dinitrotoluene
Concen: 4.581 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.40 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:165 Resp: 11356

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.1	64.6	96.8#
182	0.0	2.9	4.3#

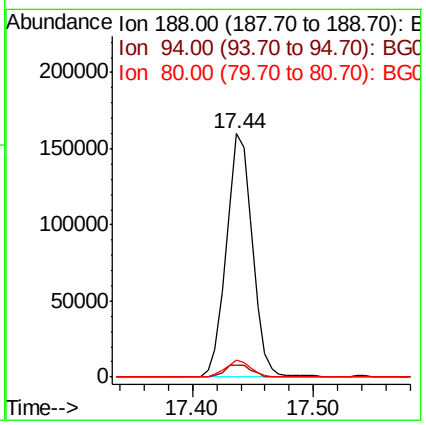


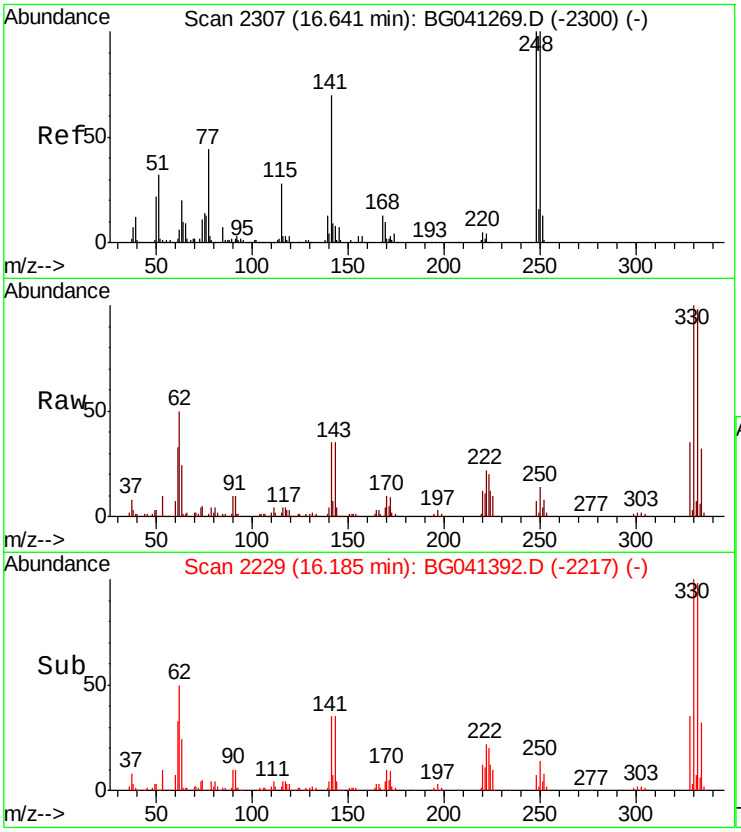


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:188 Resp: 240603

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	7.1	4.8	7.2



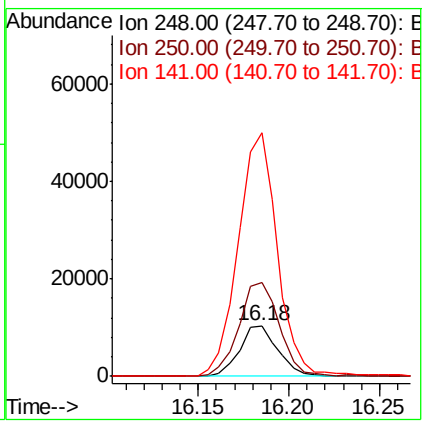


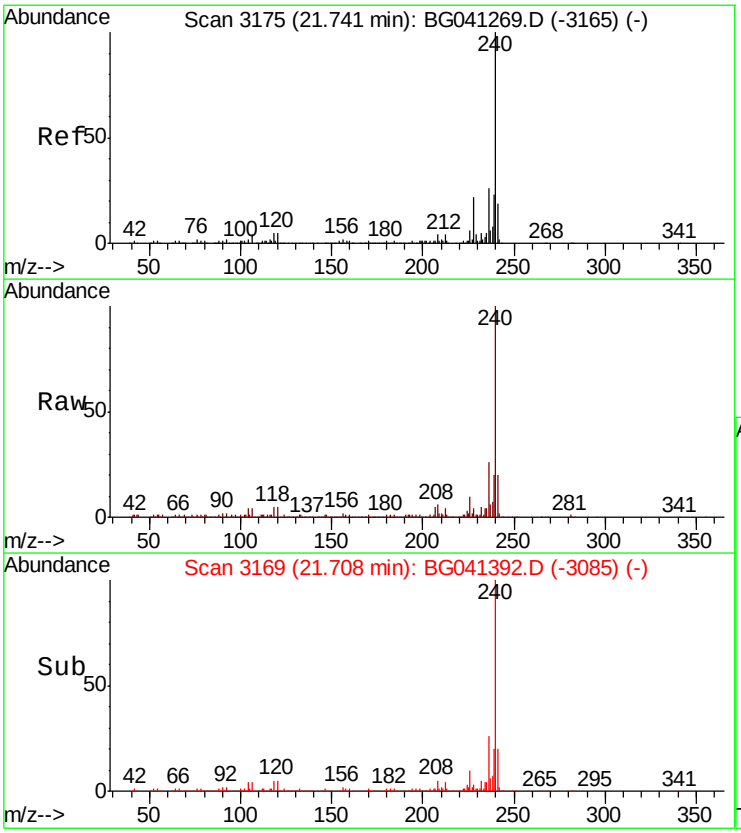
#67
4-Bromophenyl-phenylether
Concen: 4.867 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:248 Resp: 15142

Ion	Ratio	Lower	Upper
248	100		
250	186.2	79.8	119.8#
141	481.1	55.8	83.6#

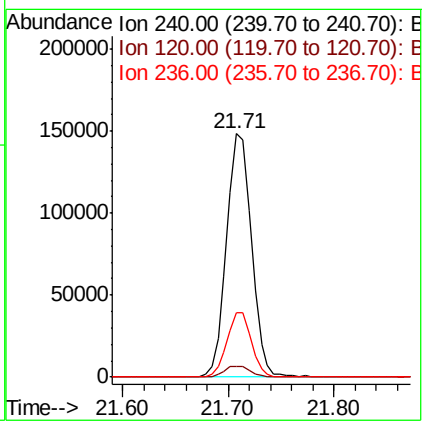


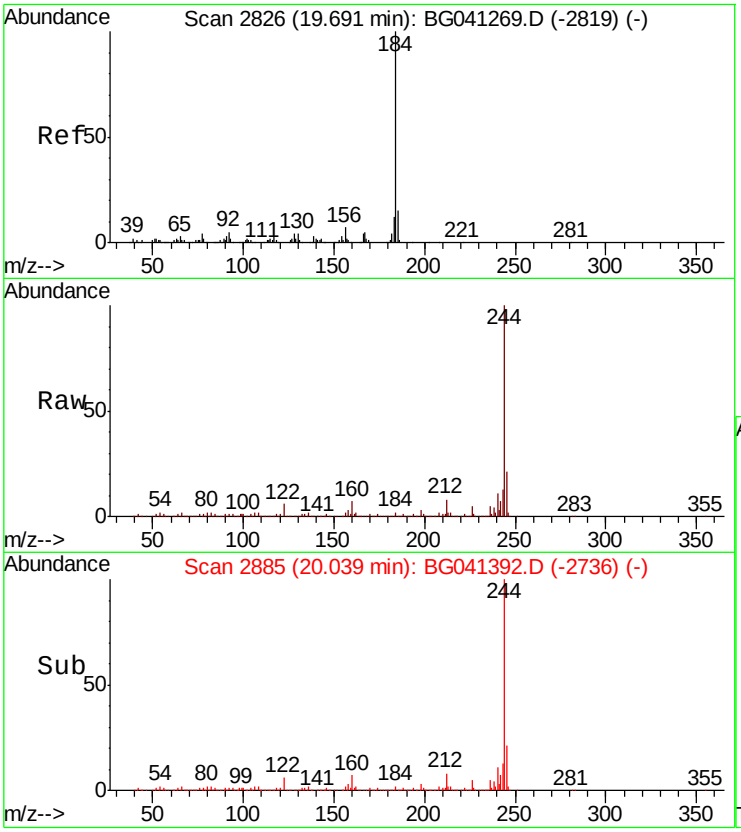


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:240 Resp: 243367

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	26.3	21.1	31.7



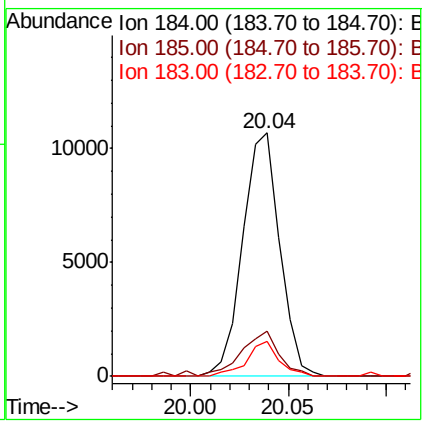


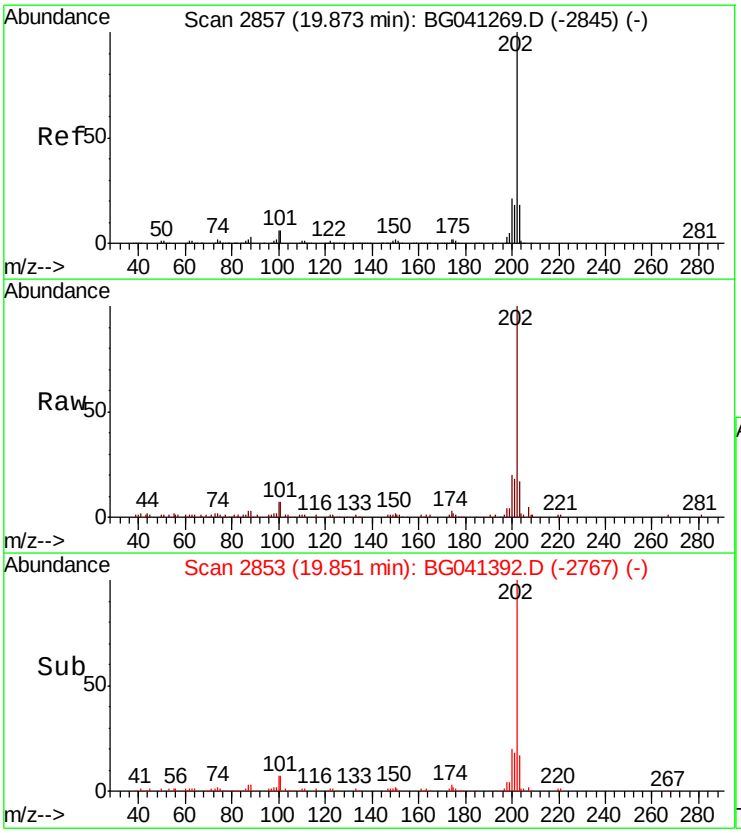
#77
Benzidine
Concen: 2.390 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.35 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:184 Resp: 14067

Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.2	18.2#
183	14.4	9.6	14.4

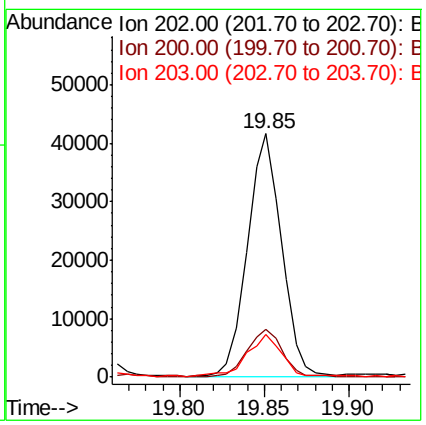


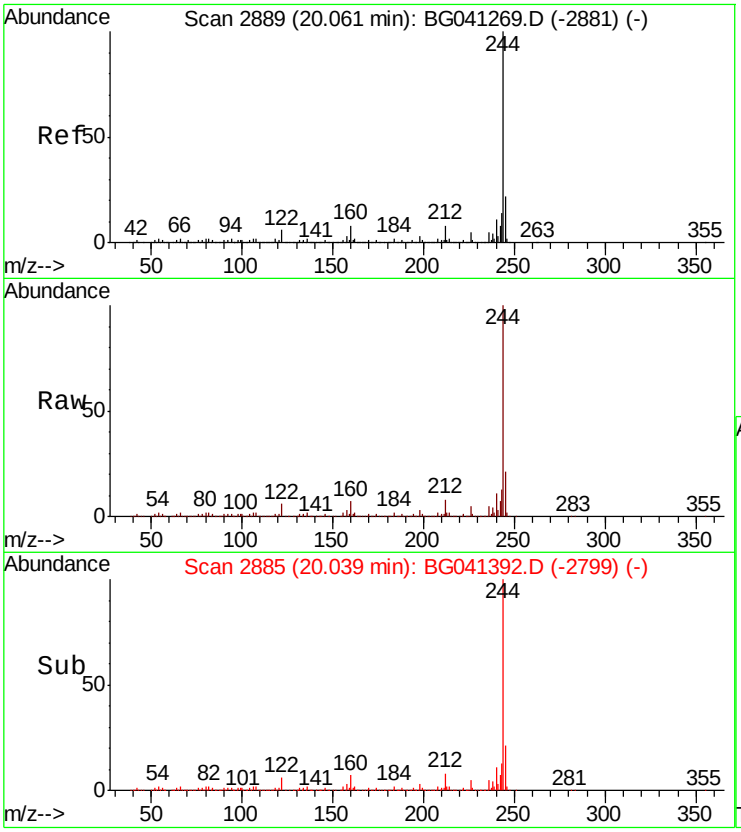


#78
Pyrene
Concen: 3.582 ng
RT: 19.85 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:202 Resp: 58791

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.4	14.6	21.8



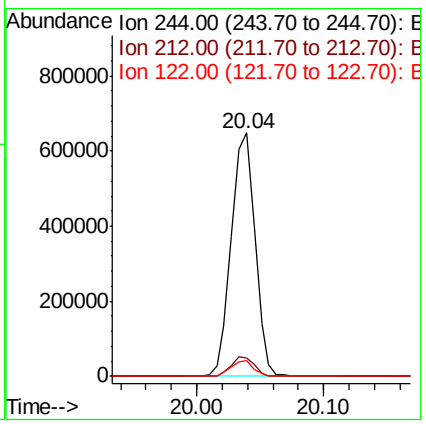


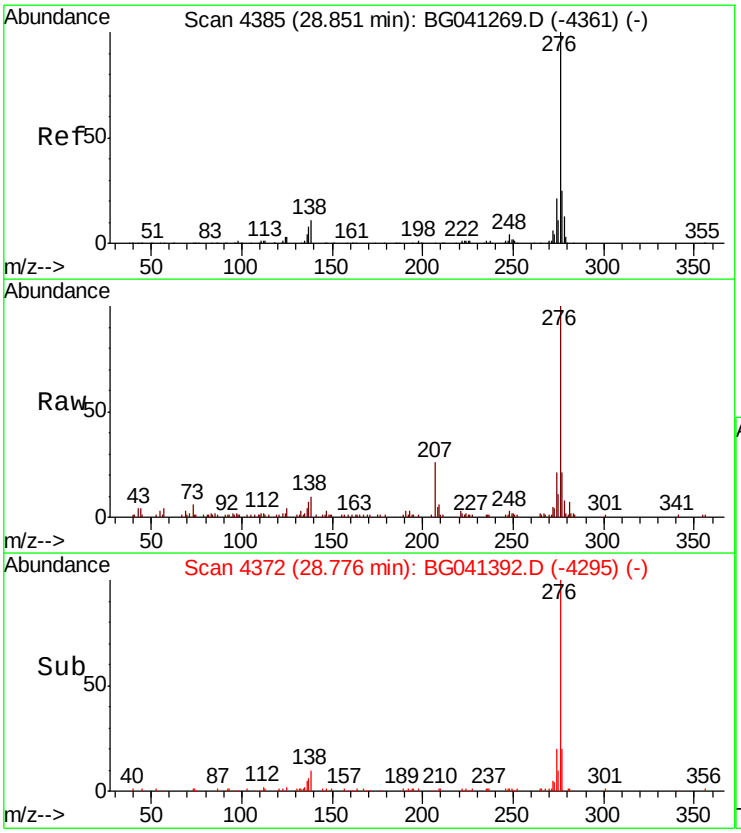
#79
Terphenyl-d14
Concen: 68.523 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:244 Resp: 841466

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	6.3	5.0	7.4

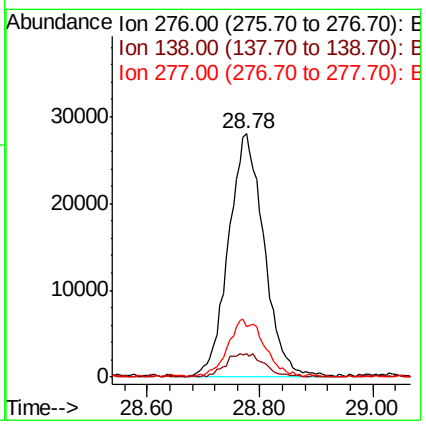


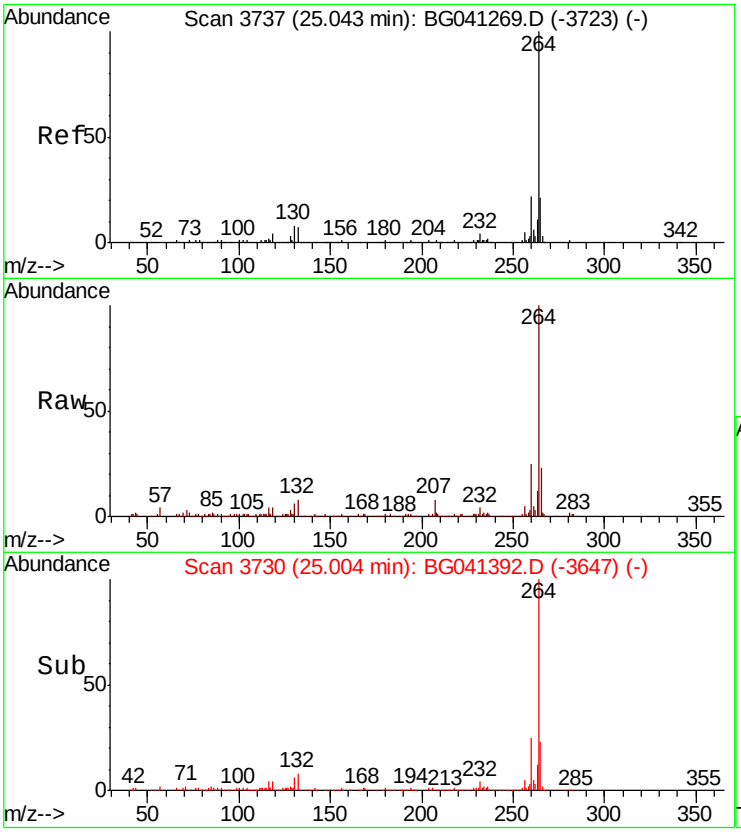


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.574 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.07 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:276 Resp: 123600

Ion	Ratio	Lower	Upper
276	100		
138	10.4	7.7	11.5
277	24.3	20.6	31.0



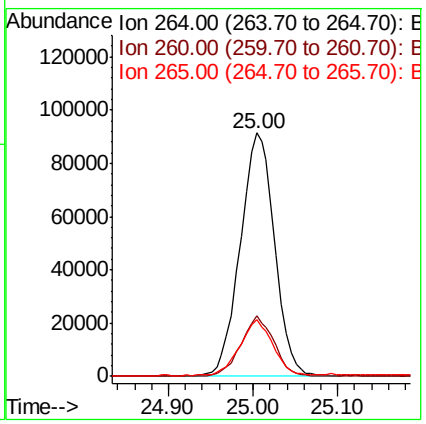


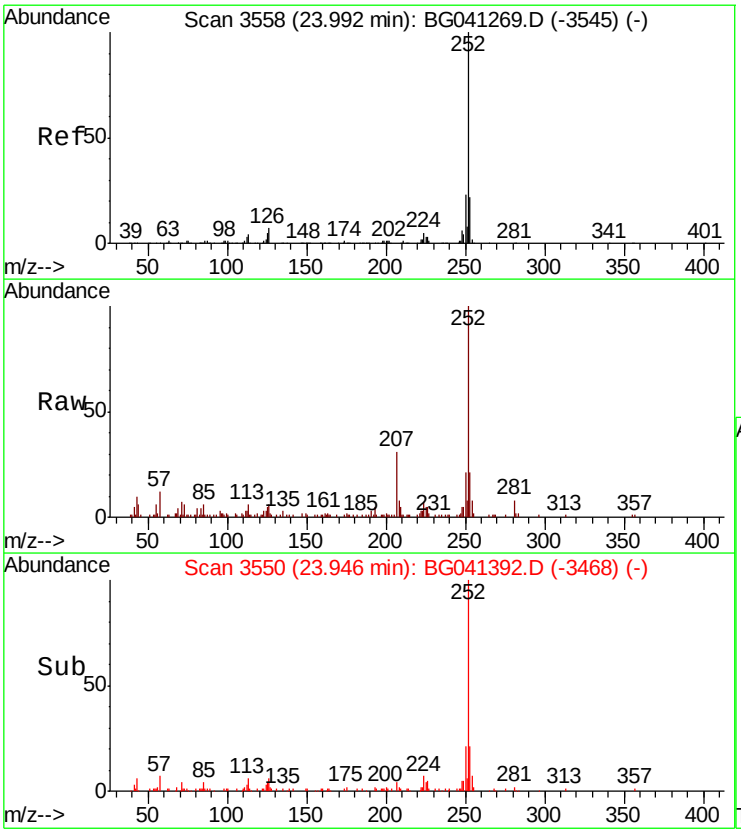
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:264 Resp: 257600

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.2
265	23.1	17.2	25.8

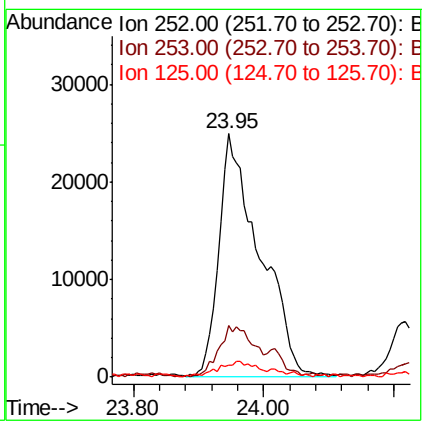


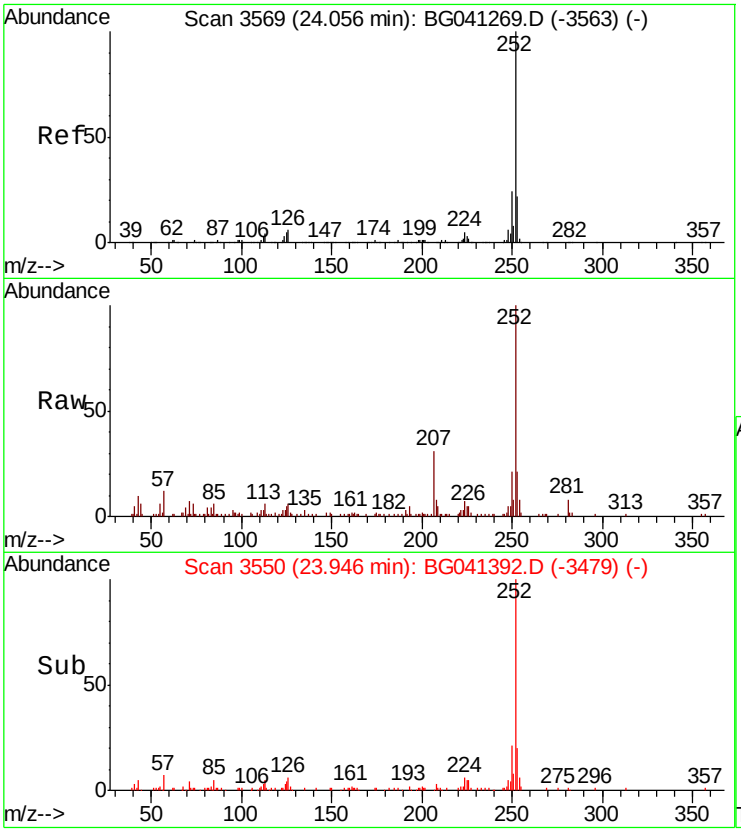


#88
Benzo(b)fluoranthene
Concen: 6.760 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.05 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:252 Resp: 107925

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	5.0	3.9	5.9



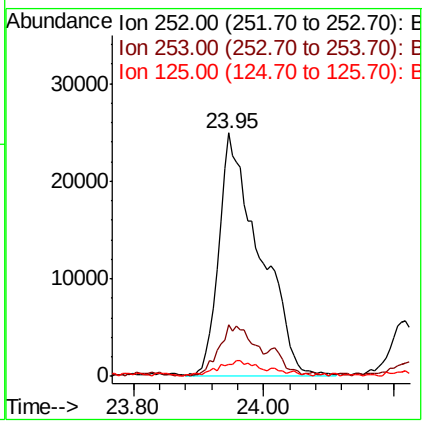


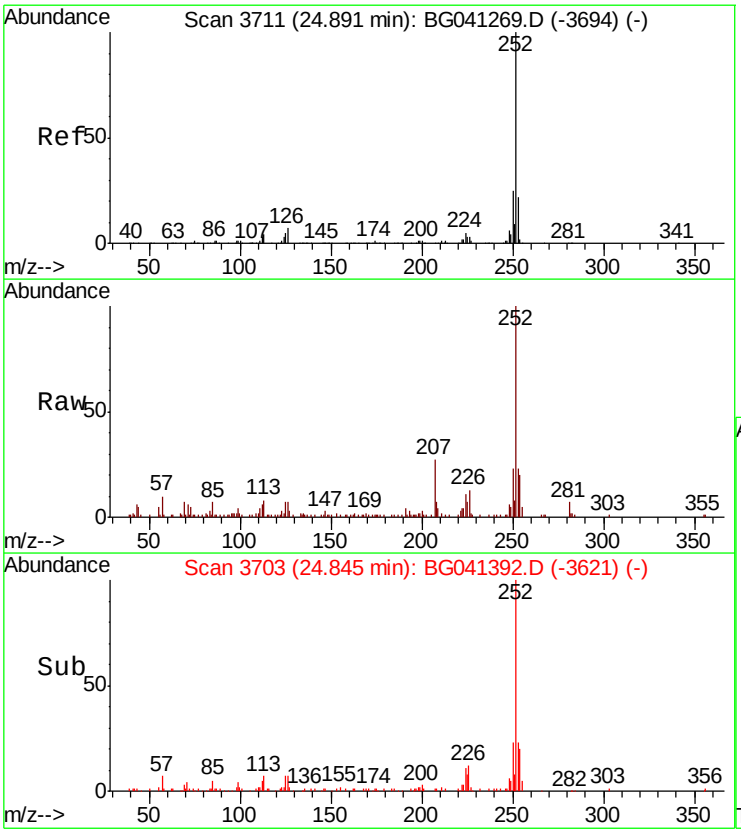
#89
Benzo(k)fluoranthene
Concen: 6.824 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.11 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:252 Resp: 107925

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	5.0	4.3	6.5

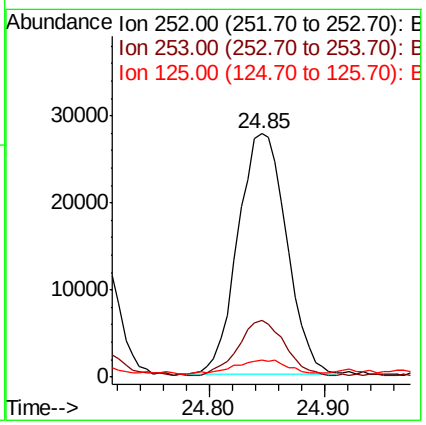


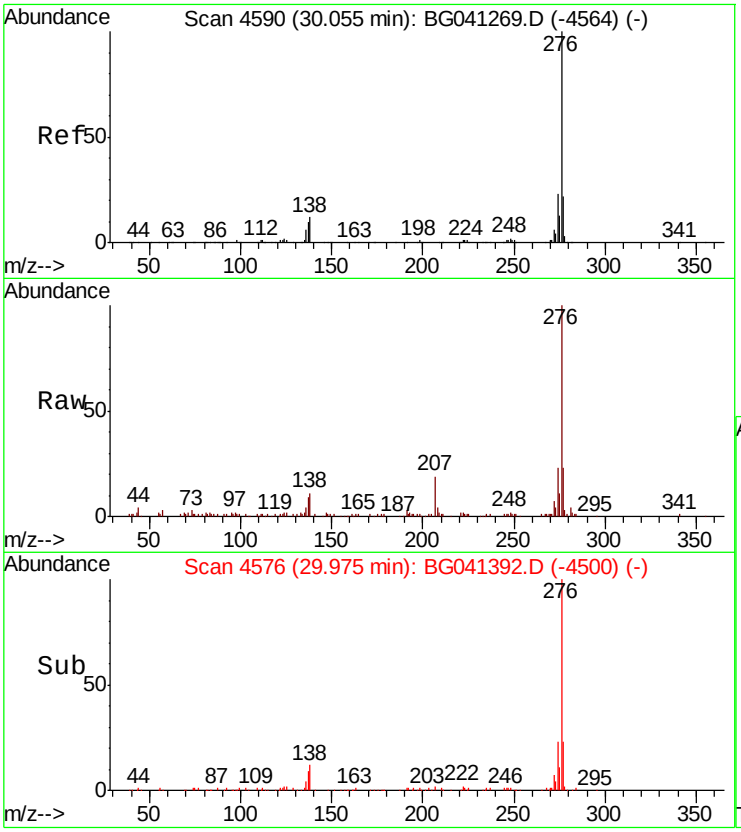


#90
Benzo(a)pyrene
Concen: 5.369 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.05 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Tgt Ion:252 Resp: 80953

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	7.2	4.2	6.4#





#92
Benzo(g,h,i)perylene
Concen: 14.227 ng
RT: 29.97 min Scan# 4576
Delta R.T. -0.08 min
Lab File: BG041392.D
Acq: 22 Jun 2019 2:44

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:276 Resp: 213407

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	11.5	9.4	14.0