Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041369.D
Acq On : 20 Jun 2019 22:48
Operator : HP/JU
Sample : K3419-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 01:35:17 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	44522	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	172697	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	117326	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	254792	20.00	ng		0.00
76) Chrysene-d12	21.74	240	234023	20.00	ng		0.00
87) Perylene-d12	25.07	264	161894	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	321939	132.86	ng		0.00
7) Phenol-d6	7.24	99	482641	137.42	ng		0.00
23) Nitrobenzene-d5	9.26	82	356130	86.73	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	230040	127.71	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	718934	83.28	ng		0.00
79) Terphenyl-d14	20.06	244	814856	69.01	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	52430	18.457	ng	#	79
50) Dimethylphthalate	14.16	163	81433	7.801	ng		98
57) 2,4-Dinitrotoluene	14.72	165	14632	4.547	ng	#	21
67) 4-Bromophenyl-phenylether	16.21	248	17016	5.165	ng	#	1
77) Benzidine	20.06	184	14775	2.610	ng		98
78) Pyrene	19.87	202	58371	3.698	ng		98
86) Indeno(1,2,3-cd)pyrene	28.89	276	54134	2.994	ng	#	89
88) Benzo(b)fluoranthene	24.02	252	58380	5.819	ng	#	91
89) Benzo(k)fluoranthene	24.02	252	58380	5.874	ng	#	93
90) Benzo(a)pyrene	24.92	252	48936	5.164	ng	#	90
92) Benzo(g,h,i)perylene	30.09	276	80177	8.505	ng		98

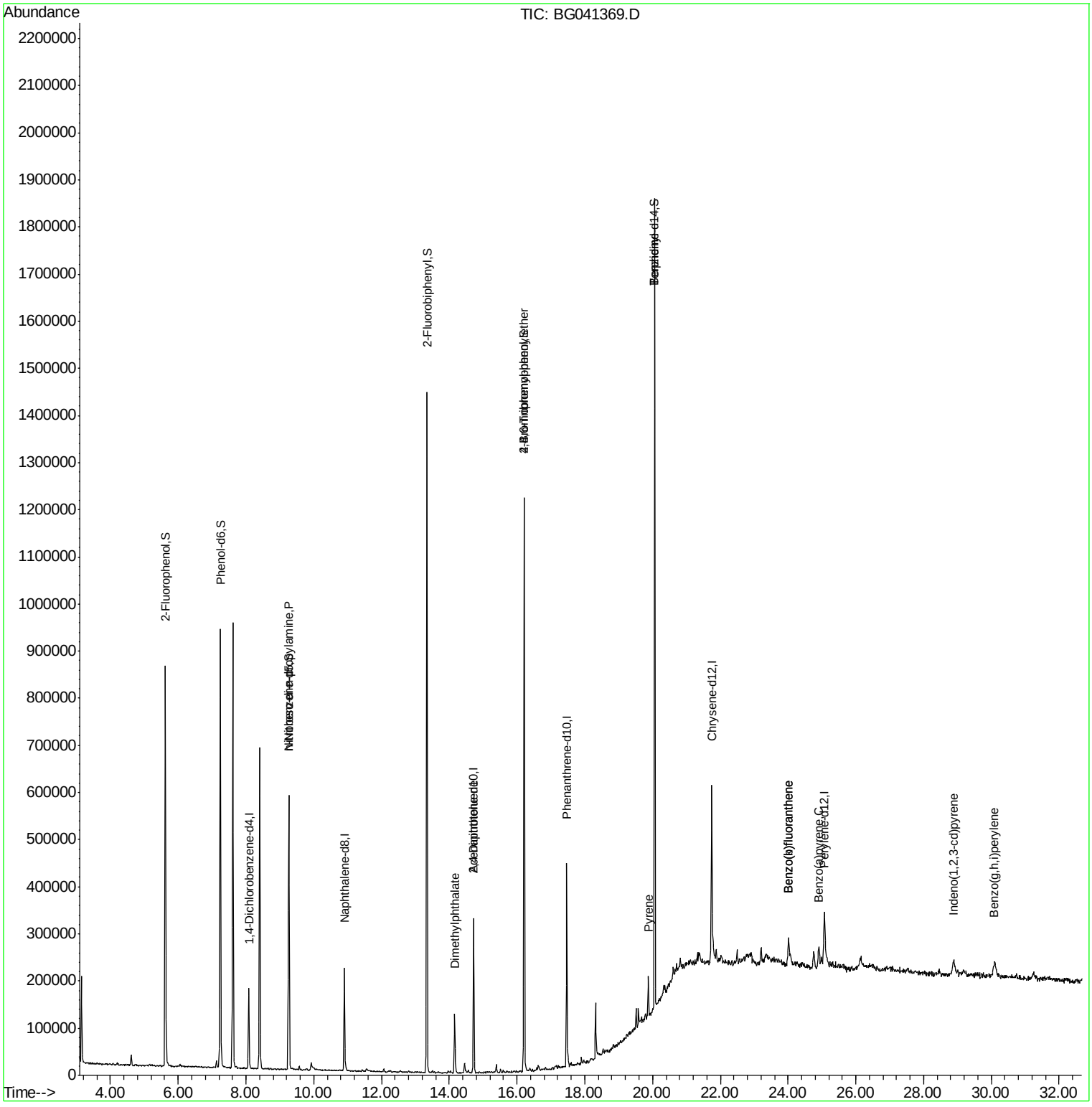
(#) = qualifier out of range (m) = manual integration (+) = signals summed

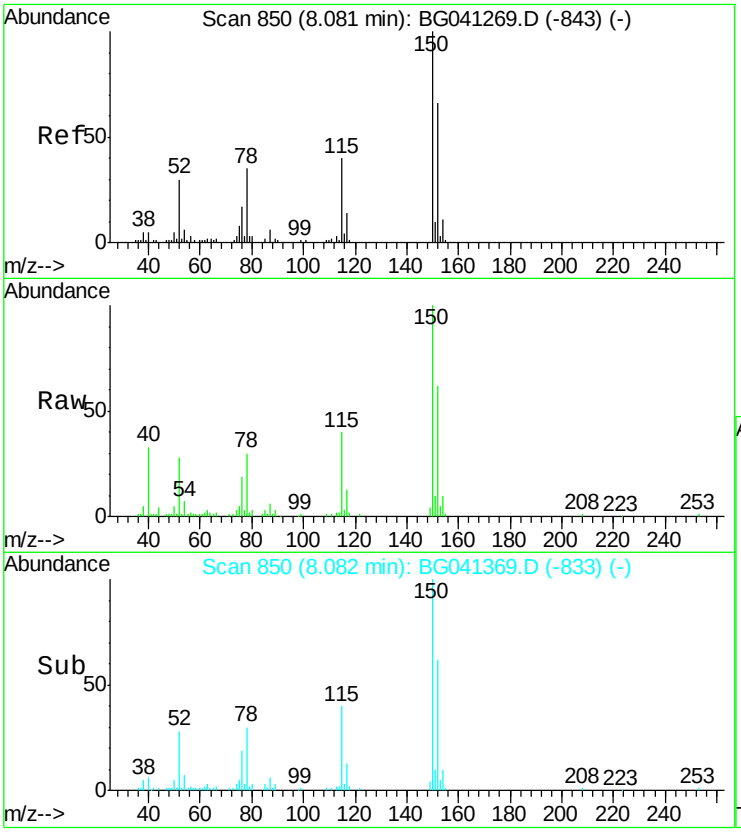
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041369.D
Acq On : 20 Jun 2019 22:48
Operator : HP/JU
Sample : K3419-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 21 01:35:17 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



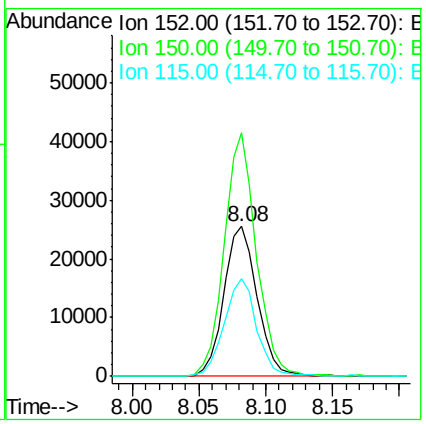


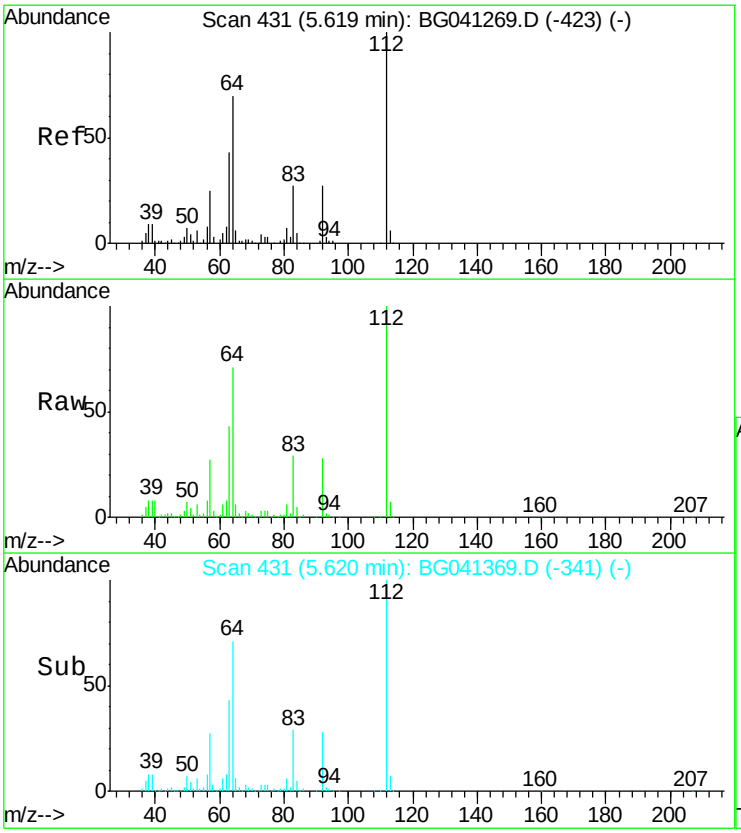
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44522

Ion	Ratio	Lower	Upper
152	100		
150	162.2	120.6	181.0
115	64.9	47.9	71.9

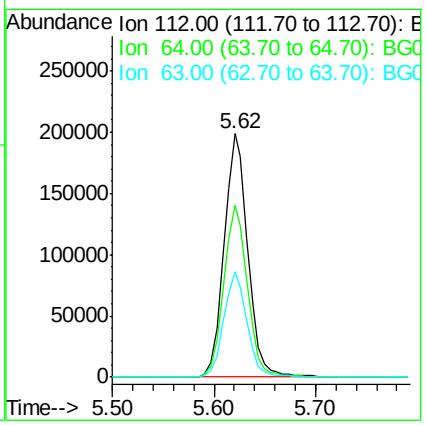


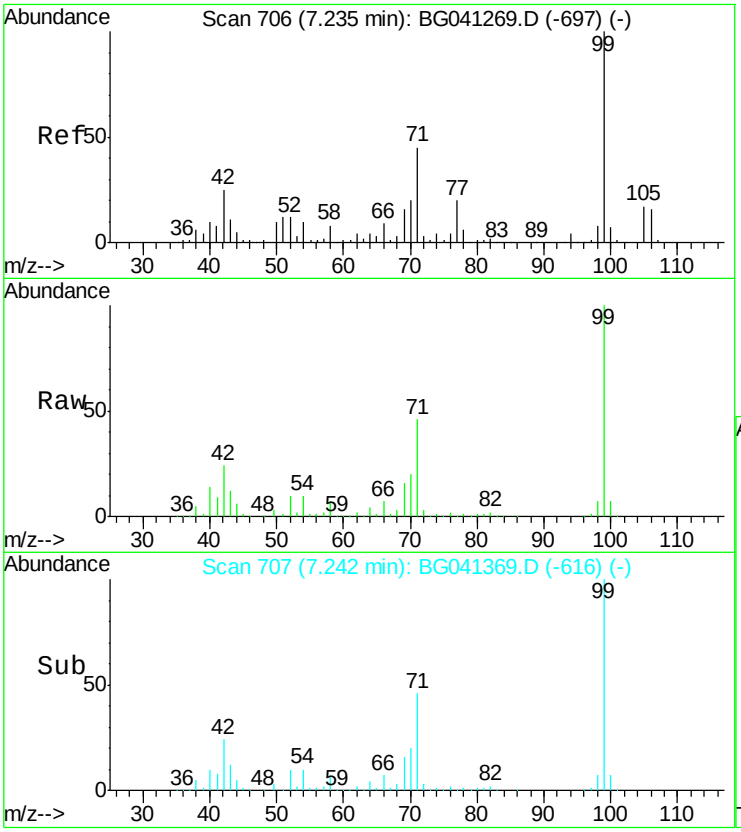


#5
2-Fluorophenol
Concen: 132.864 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:112 Resp: 321939

Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.9	83.9
63	43.4	34.6	51.8



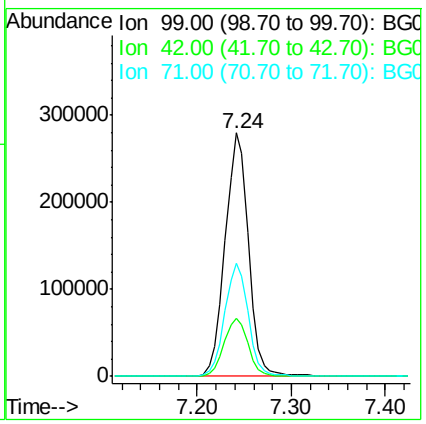


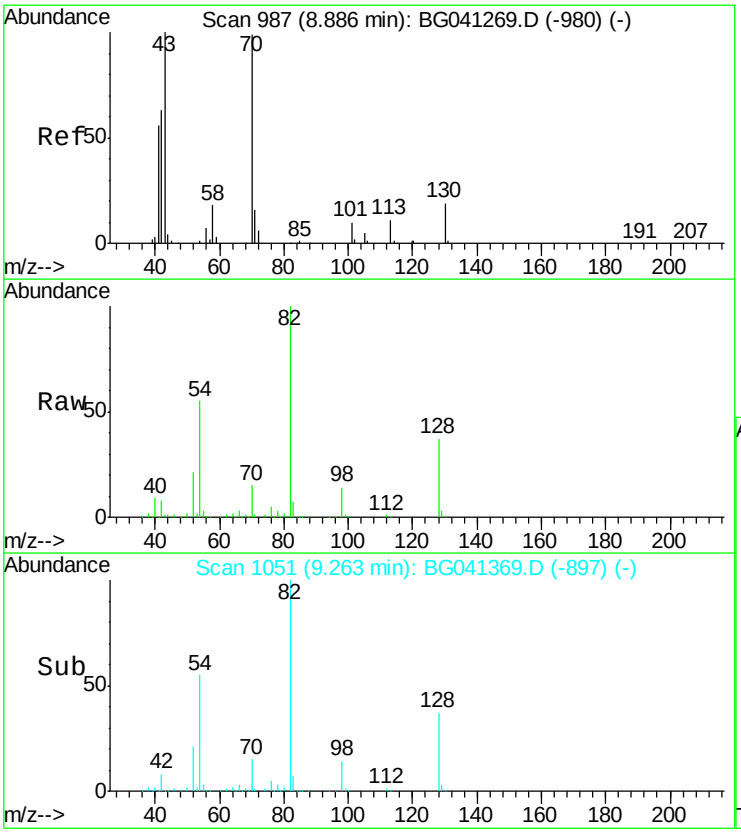
#7
Phenol-d6
Concen: 137.415 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 482641

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.9	29.9
71	46.4	36.4	54.6

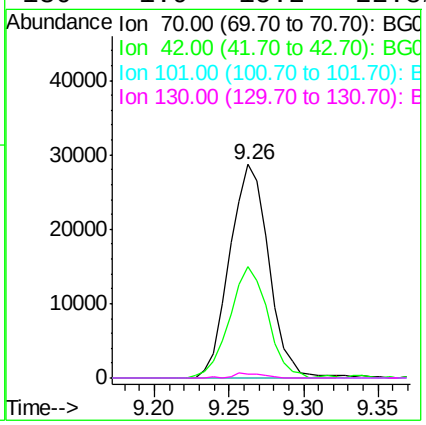


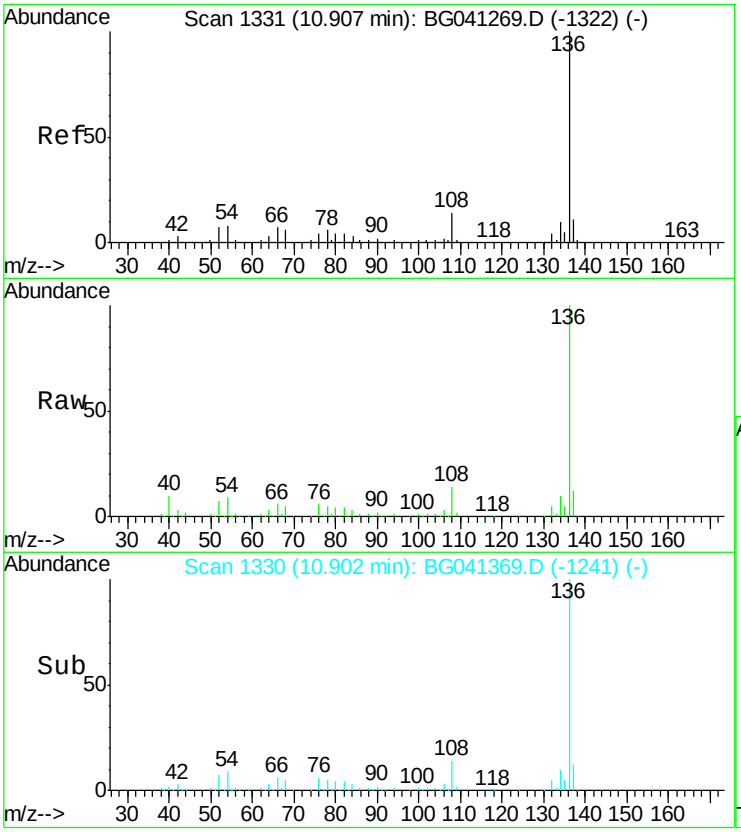


#19
n-Nitroso-di-n-propylamine
Concen: 18.457 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion: 70 Resp: 52430

Ion	Ratio	Lower	Upper
70	100		
42	52.1	51.4	77.2
101	0.0	8.2	12.2#
130	1.9	15.2	22.8#



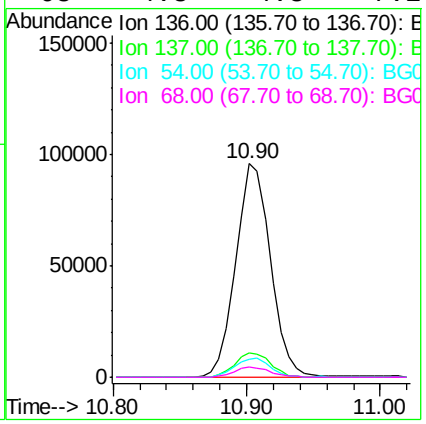


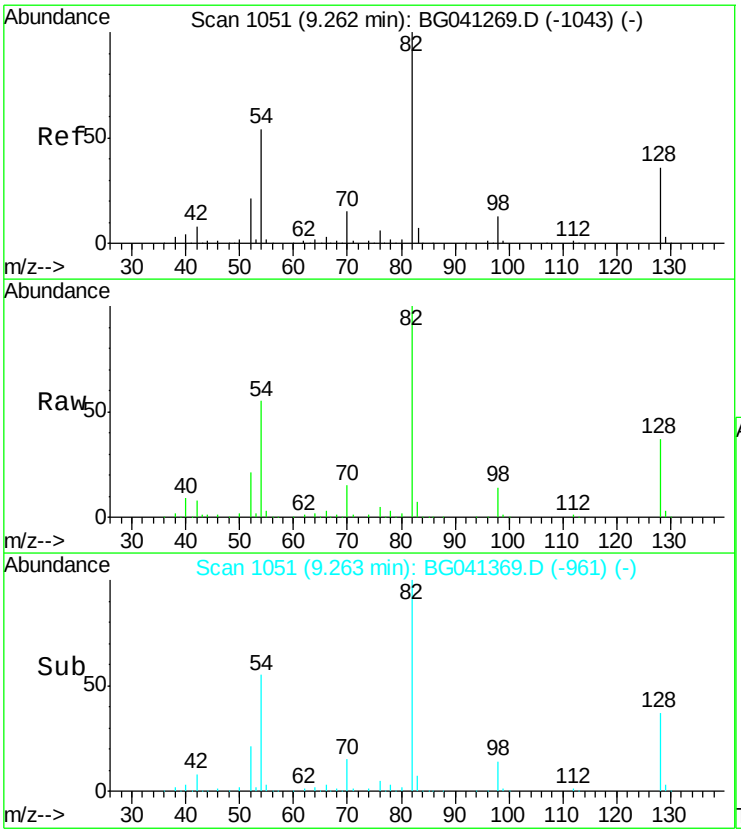
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 172697

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.6	6.4	9.6
68	4.8	4.8	7.2

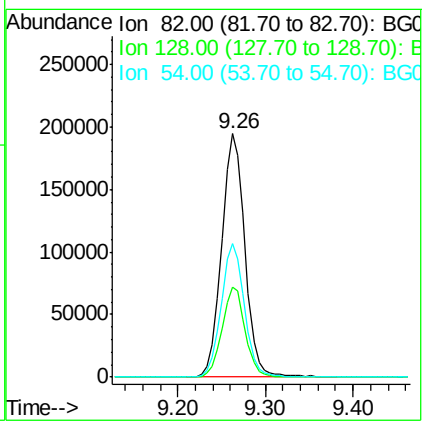


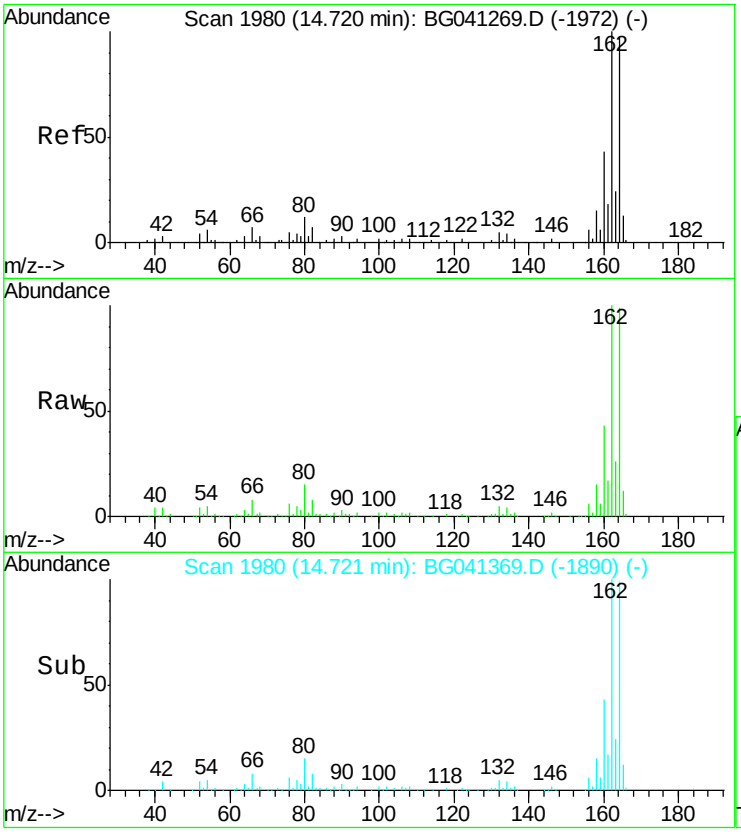


#23
Nitrobenzene-d5
Concen: 86.727 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion: 82 Resp: 356130

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.2	43.8
54	55.0	43.4	65.0



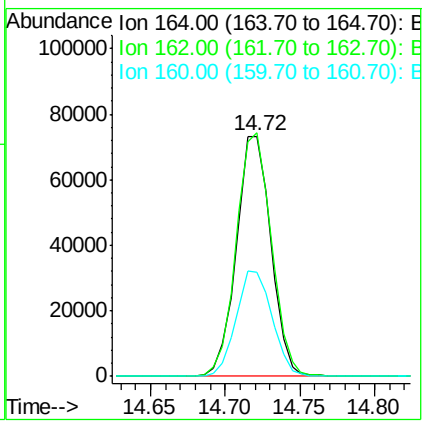


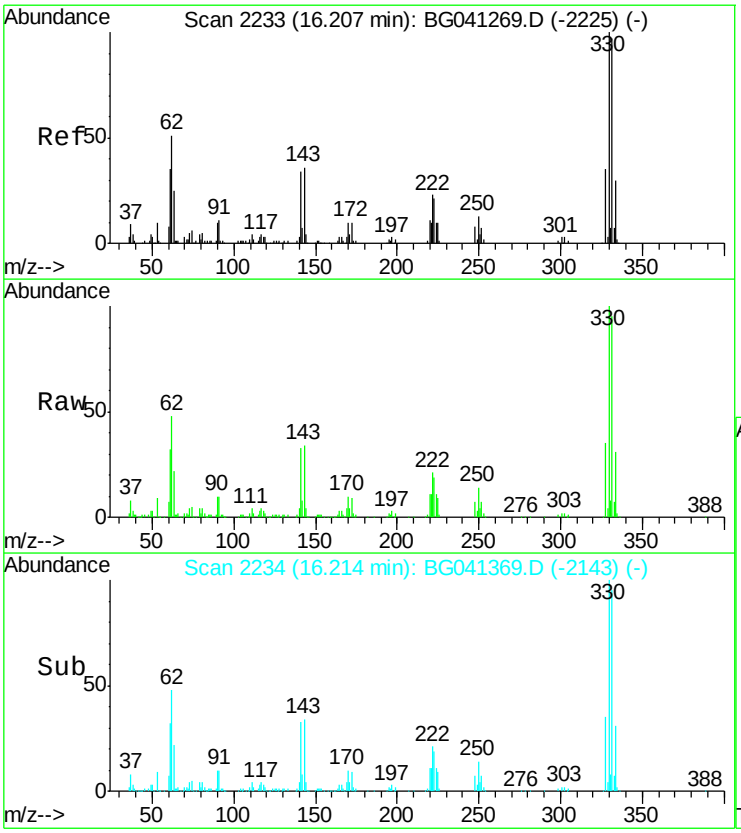
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 117326

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	43.3	35.8	53.8

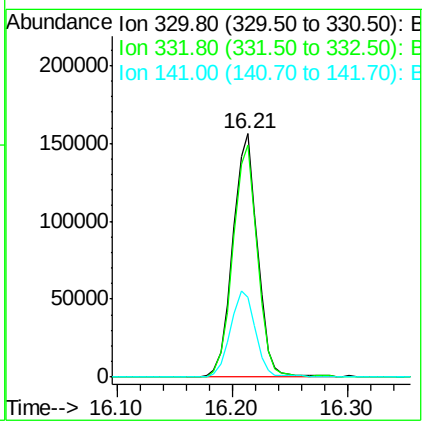


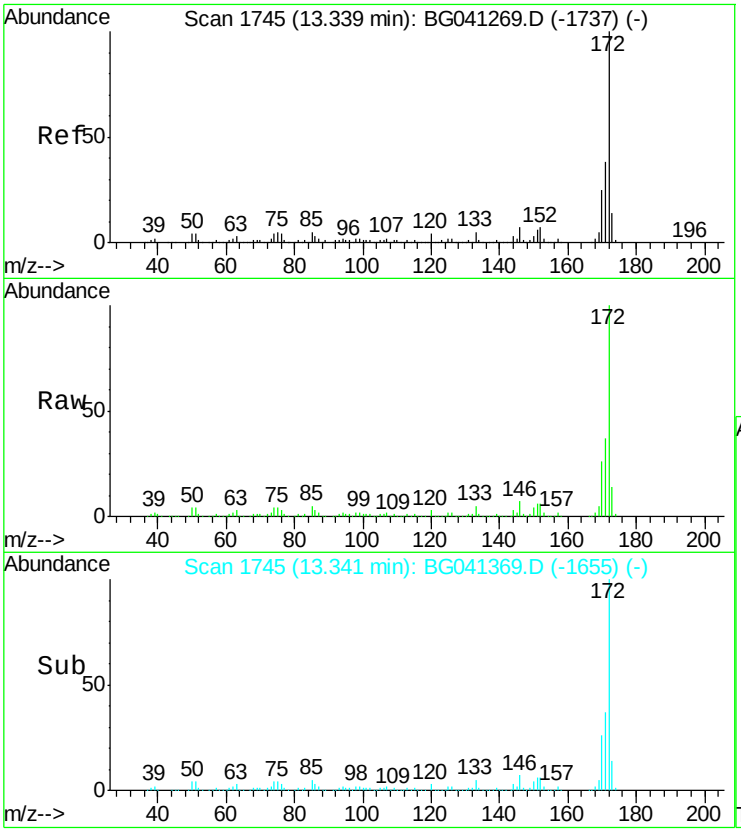


#42
2,4,6-Tribromophenol
Concen: 127.714 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:330 Resp: 230040

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.5	113.3
141	36.2	29.0	43.4



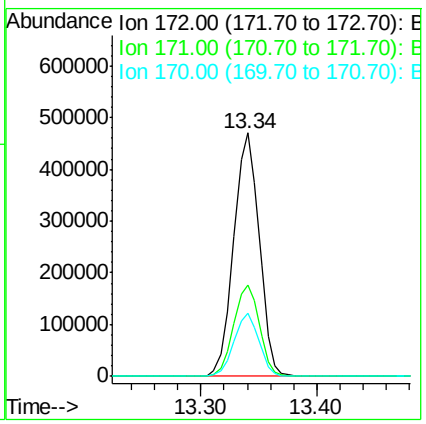


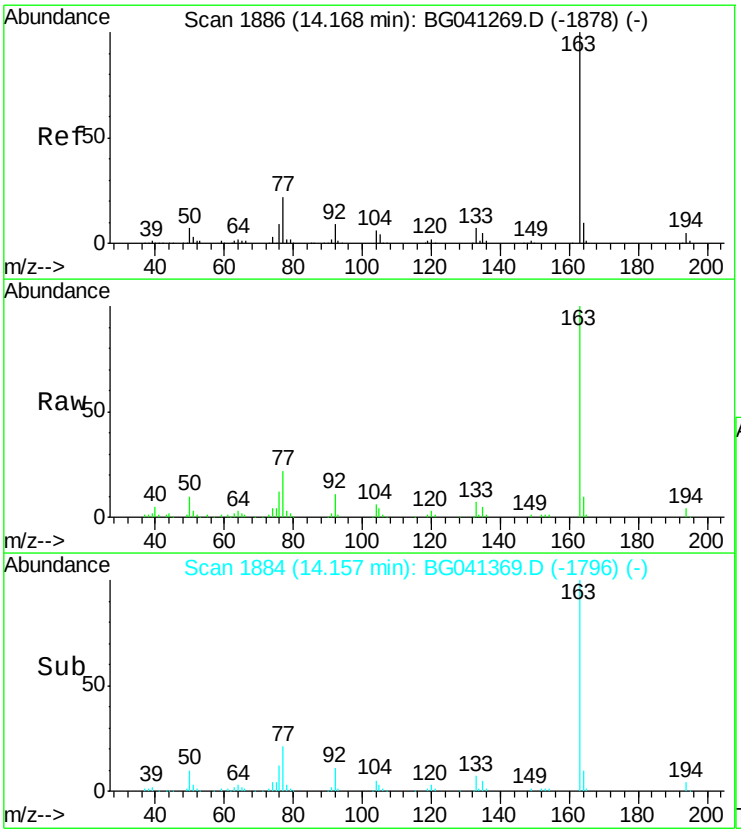
#45
2-Fluorobiphenyl
Concen: 83.284 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 718934

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.9	19.8	29.6

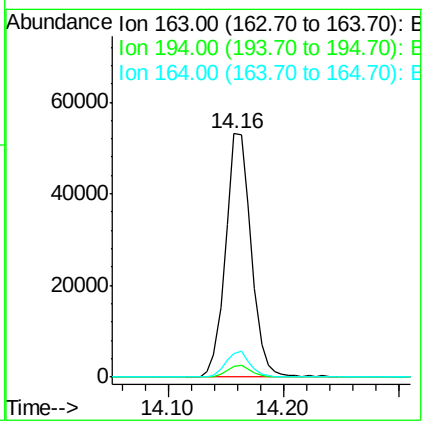


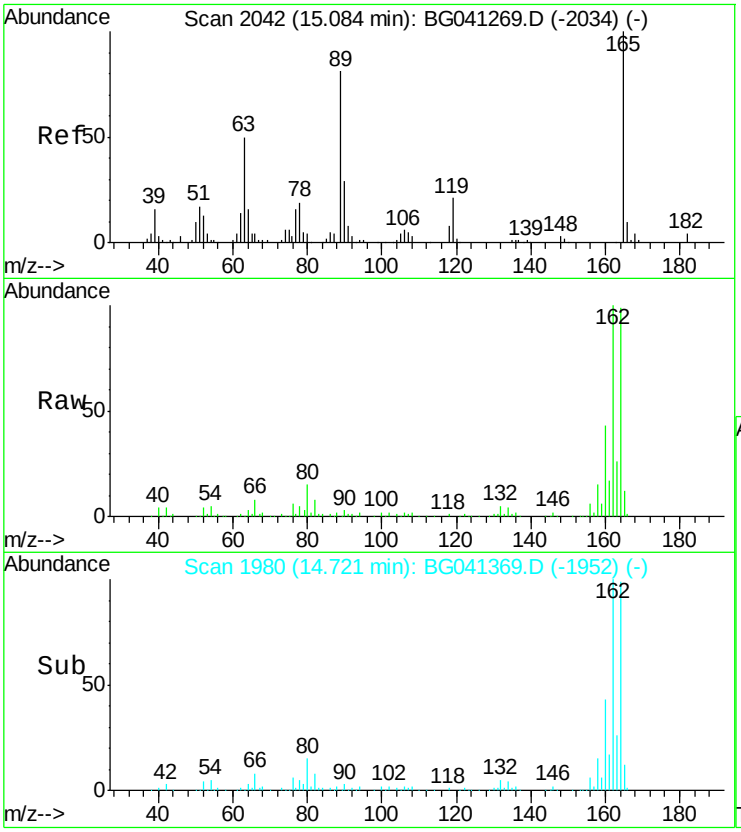


#50
Dimethylphthalate
Concen: 7.801 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:163 Resp: 81433

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	9.7	8.3	12.5



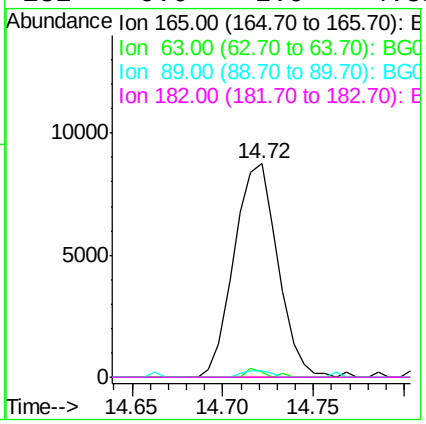


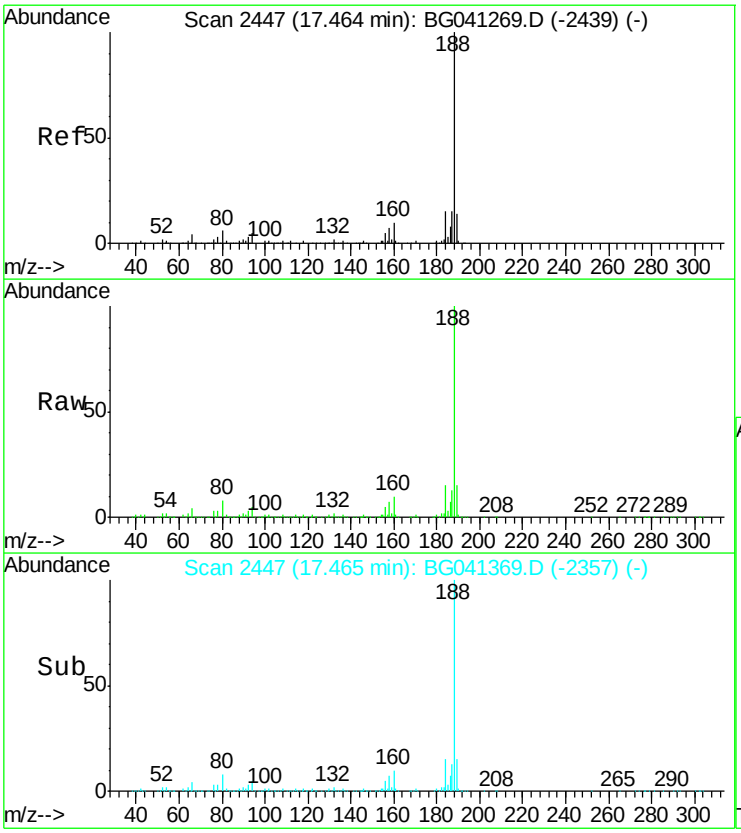
#57
2,4-Dinitrotoluene
Concen: 4.547 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.36 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14632

Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.0	60.0#
89	3.1	64.6	96.8#
182	0.0	2.9	4.3#

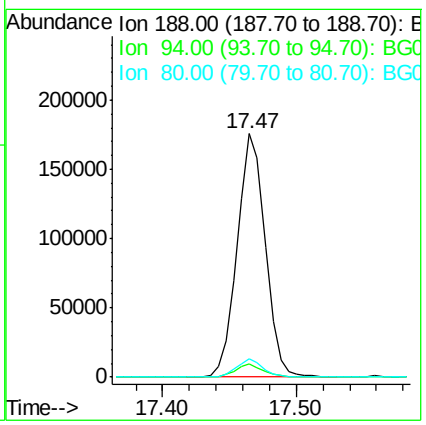


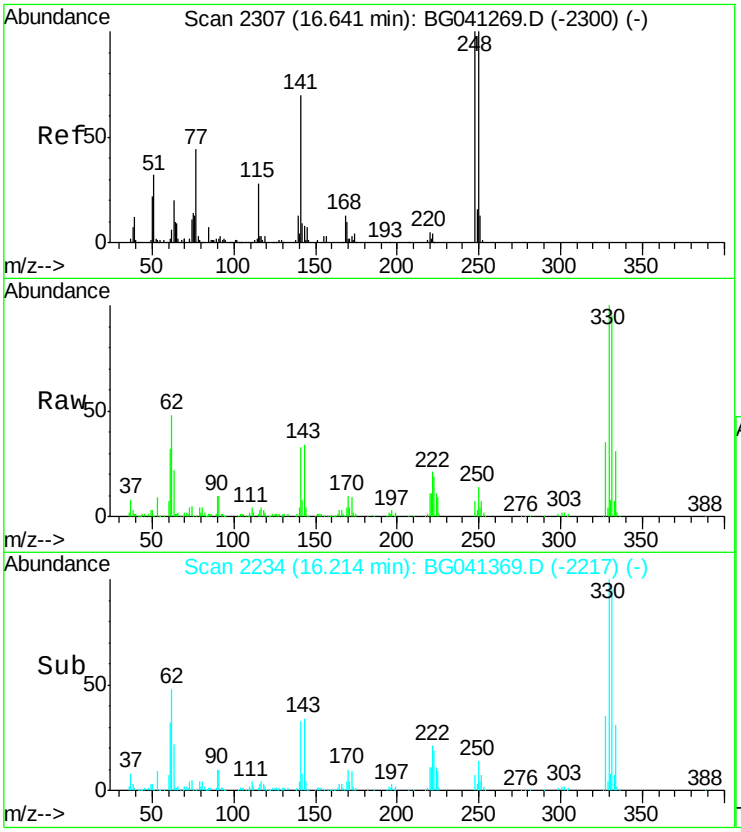


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:188 Resp: 254792

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	7.6	4.8	7.2#



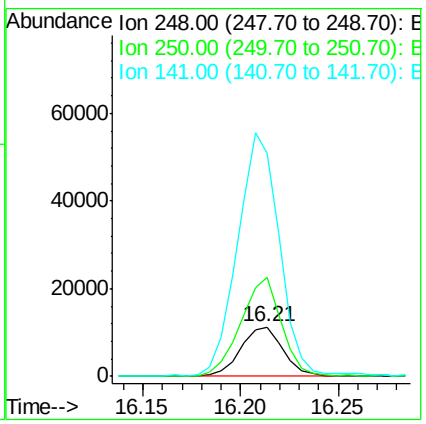


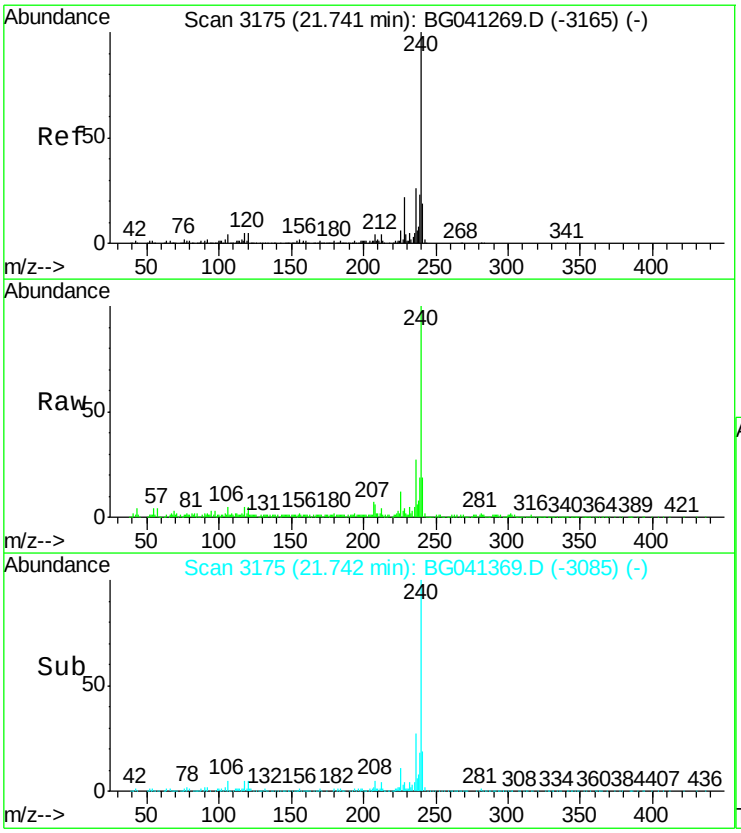
#67
4-Bromophenyl-phenylether
Concen: 5.165 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.43 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17016

Ion	Ratio	Lower	Upper
248	100		
250	199.3	79.8	119.8#
141	449.8	55.8	83.6#

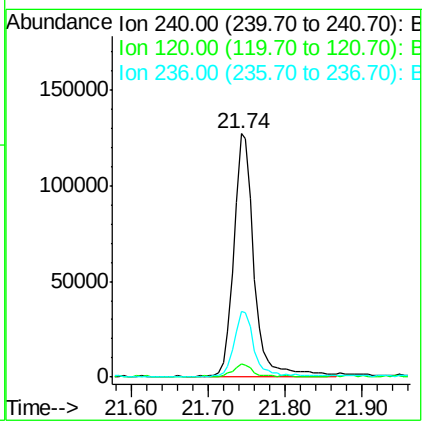


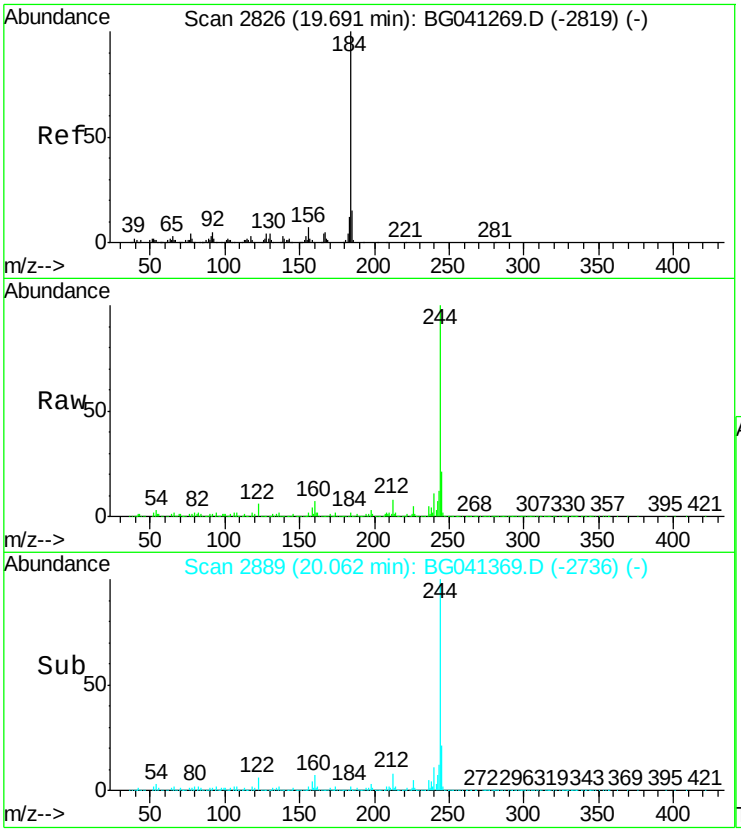


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:240 Resp: 234023

Ion	Ratio	Lower	Upper
240	100		
120	5.5	3.7	5.5
236	26.9	21.1	31.7



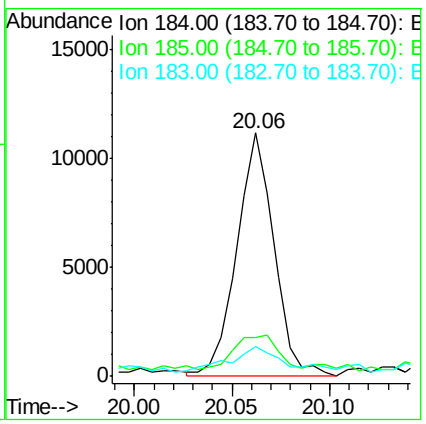


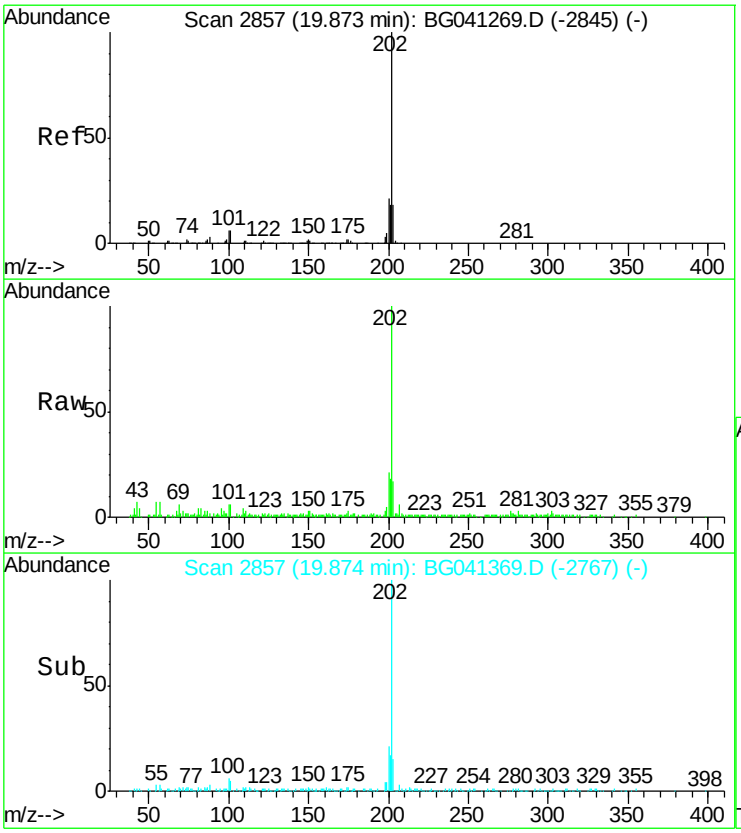
#77
Benzidine
Concen: 2.610 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.37 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 14775

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.2
183	12.4	9.6	14.4

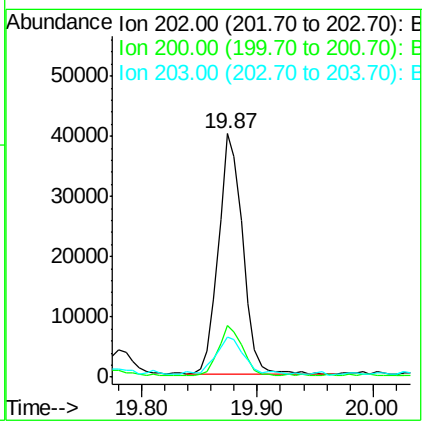


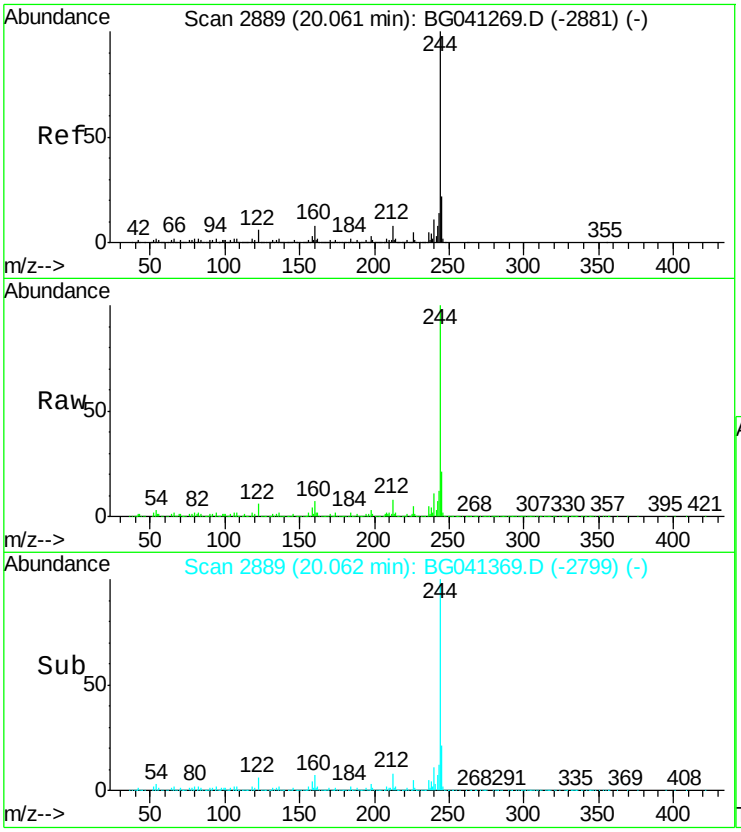


#78
Pyrene
Concen: 3.698 ng
RT: 19.87 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:202 Resp: 58371

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	16.6	14.6	21.8



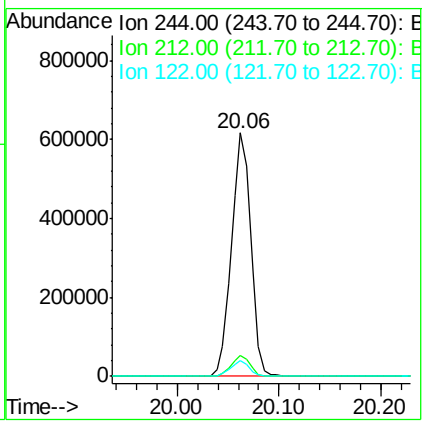


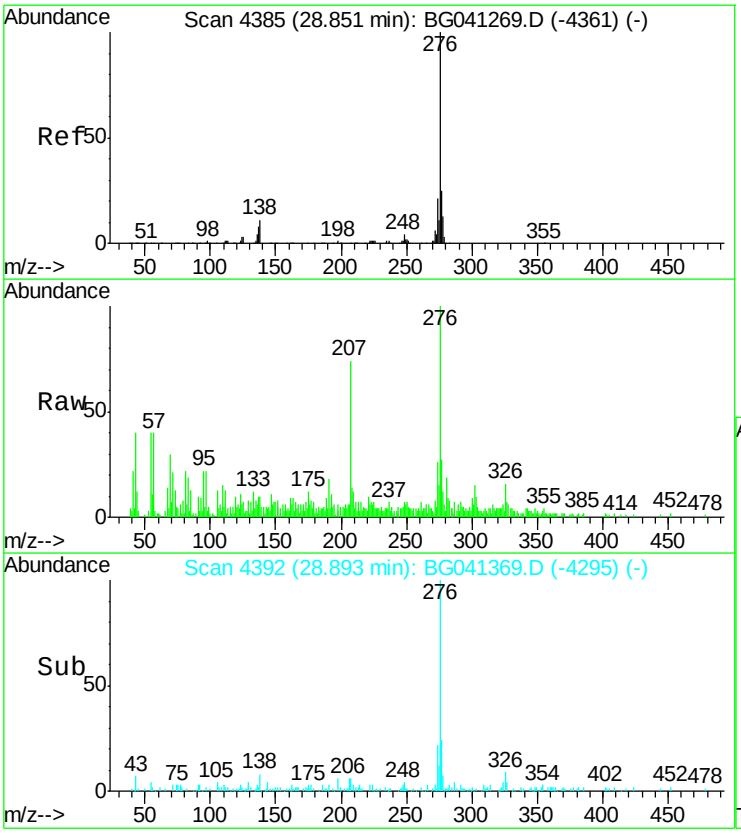
#79
Terphenyl-d14
Concen: 69.005 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 814856

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	6.2	5.0	7.4

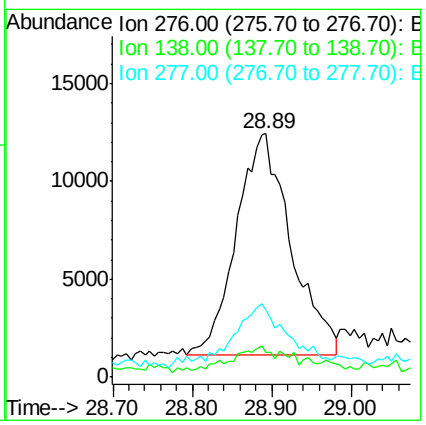


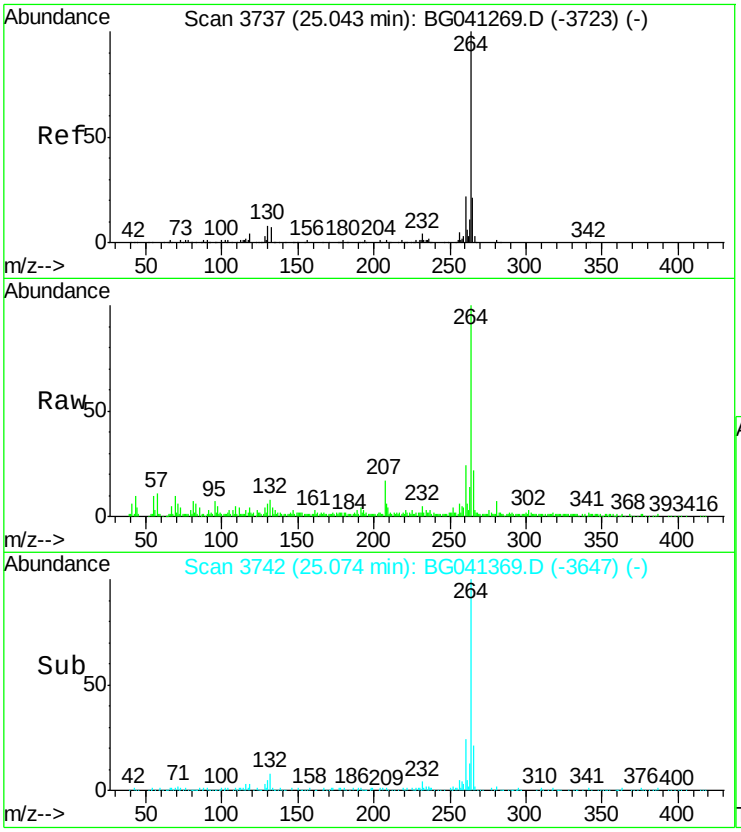


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.994 ng
RT: 28.89 min Scan# 4392
Delta R.T. 0.04 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:276 Resp: 54134

Ion	Ratio	Lower	Upper
276	100		
138	3.6	7.7	11.5#
277	21.3	20.6	31.0



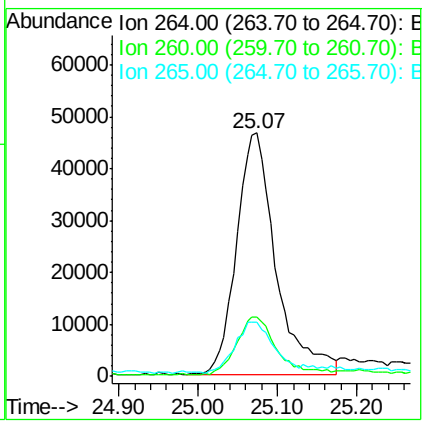


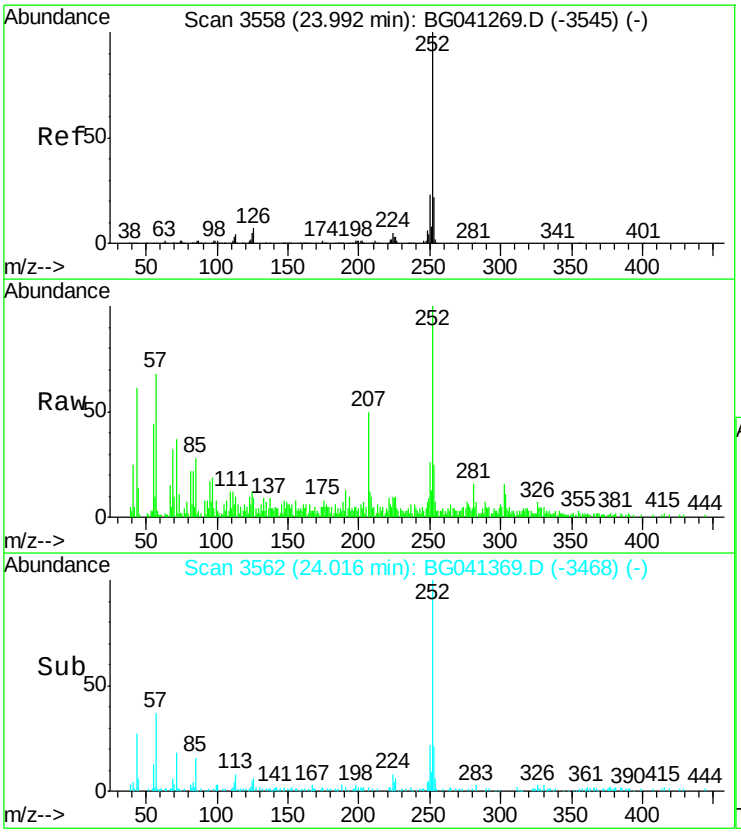
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3742
Delta R.T. 0.03 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 161894

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.2
265	22.1	17.2	25.8

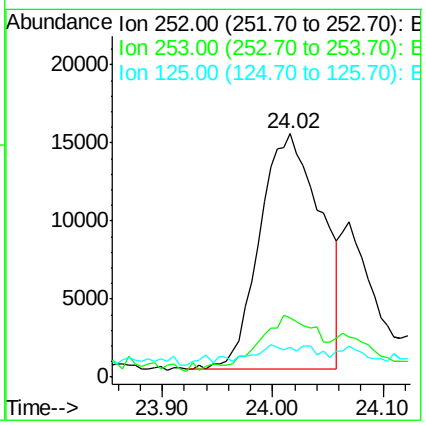


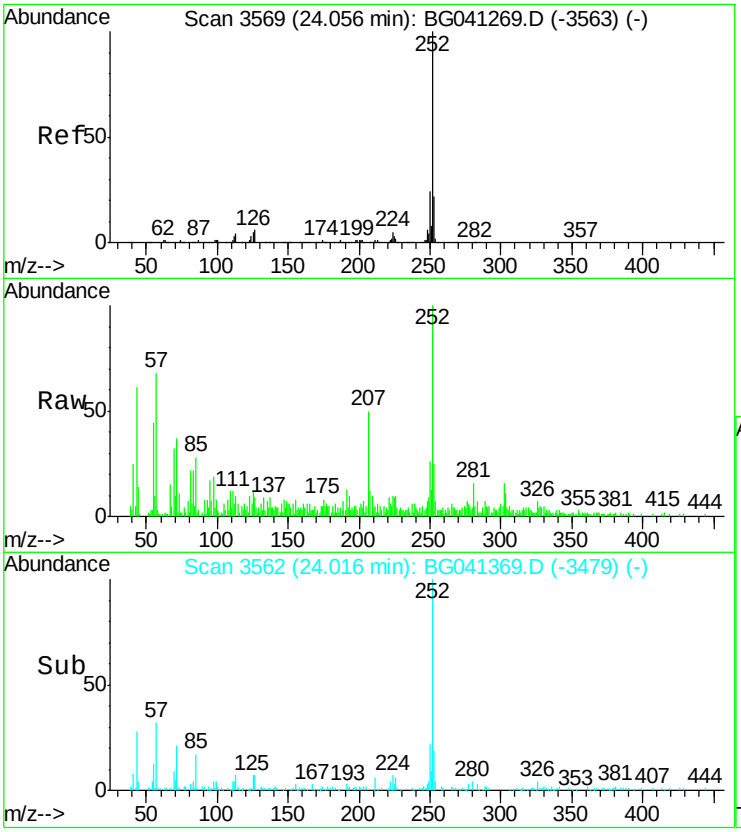


#88
Benzo(b)fluoranthene
Concen: 5.819 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.02 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:252 Resp: 58380

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	12.2	3.9	5.9#



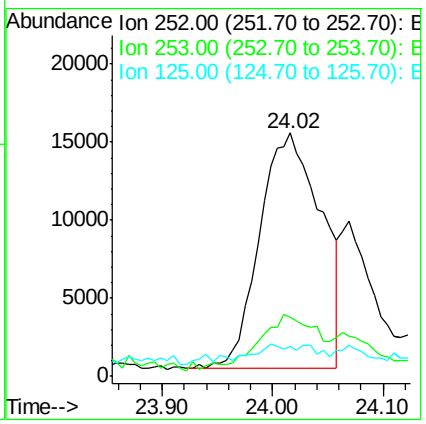


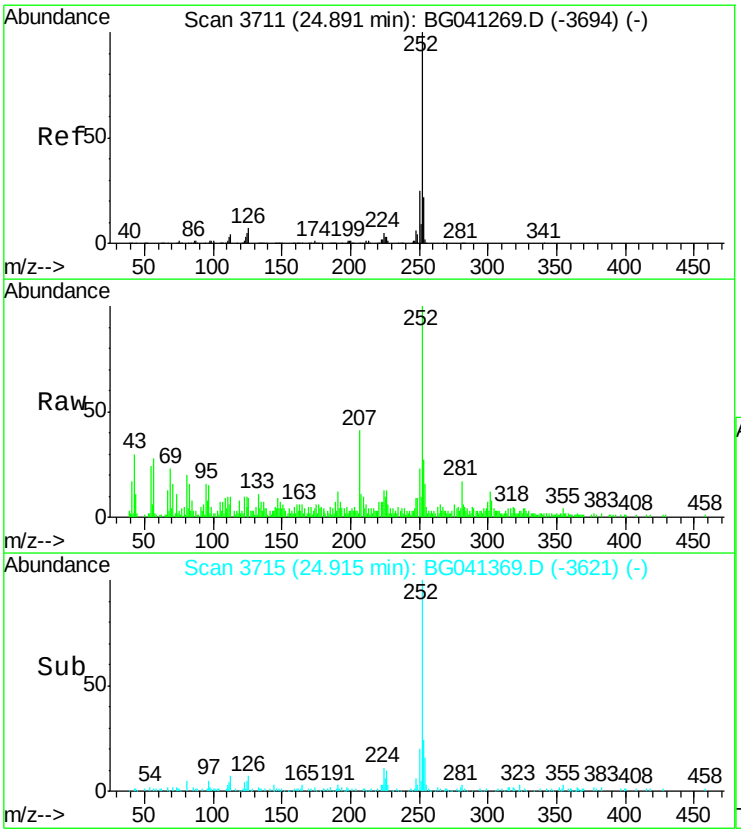
#89
Benzo(k)fluoranthene
Concen: 5.874 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.04 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 58380

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	12.2	4.3	6.5#

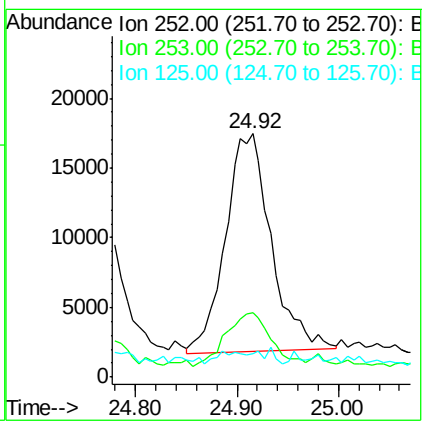


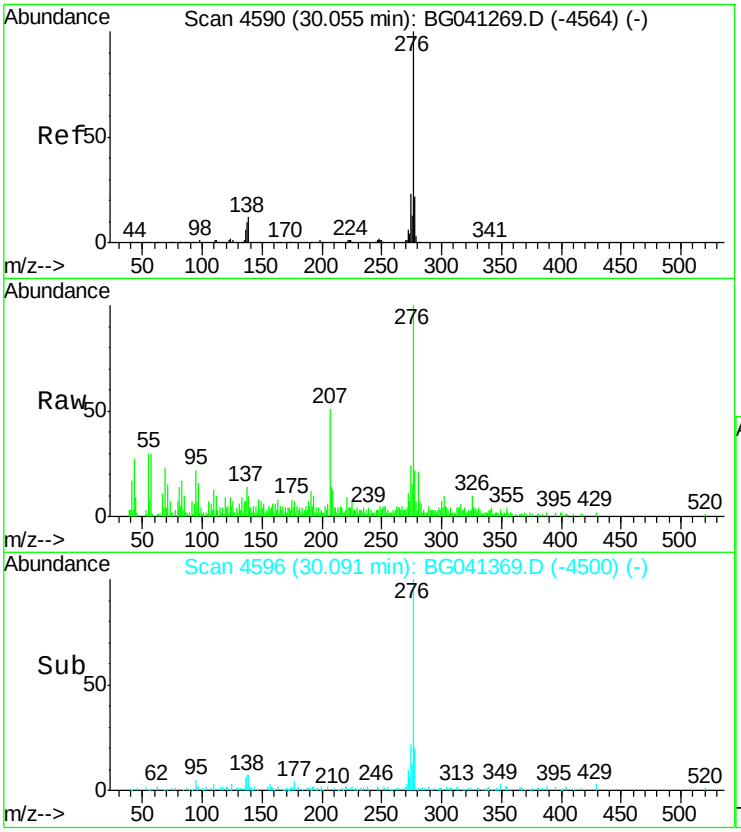


#90
Benzo(a)pyrene
Concen: 5.164 ng
RT: 24.92 min Scan# 3715
Delta R.T. 0.02 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Tgt Ion:252 Resp: 48936

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.6#
125	9.7	4.2	6.4#





#92
Benzo(g,h,i)perylene
Concen: 8.505 ng
RT: 30.09 min Scan# 4596
Delta R.T. 0.04 min
Lab File: BG041369.D
Acq: 20 Jun 2019 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 80177

Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	10.2	9.4	14.0