Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041307.D
Acq On : 18 Jun 2019 21:16
Operator : HP/JU
Sample : K3419-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 19 05:40:55 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	41654	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	156679	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	113480	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	276689	20.00	ng		0.00
76) Chrysene-d12	21.74	240	279926	20.00	ng		0.00
87) Perylene-d12	25.05	264	296371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	342555	151.11	ng		0.00
7) Phenol-d6	7.23	99	499085	151.88	ng		0.00
23) Nitrobenzene-d5	9.26	82	356357	95.65	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	252085	144.70	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	754209	90.33	ng		0.00
79) Terphenyl-d14	20.06	244	1217070	86.16	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.40	79	6558	2.083	ng	#	48
19) n-Nitroso-di-n-propylamine	9.26	70	51752	19.472	ng	#	78
50) Dimethylphthalate	14.16	163	100437	9.947	ng		99
57) 2,4-Dinitrotoluene	14.72	165	14314	4.599	ng	#	19
67) 4-Bromophenyl-phenylether	16.20	248	19097	5.338	ng	#	1
77) Benzidine	20.06	184	20127	2.973	ng		98
78) Pyrene	19.87	202	48186	2.552	ng		97
88) Benzo(b)fluoranthene	23.98	252	39087	2.128	ng	#	92
89) Benzo(k)fluoranthene	23.98	252	39087	2.148	ng	#	90
90) Benzo(a)pyrene	24.89	252	36252	2.090	ng		95

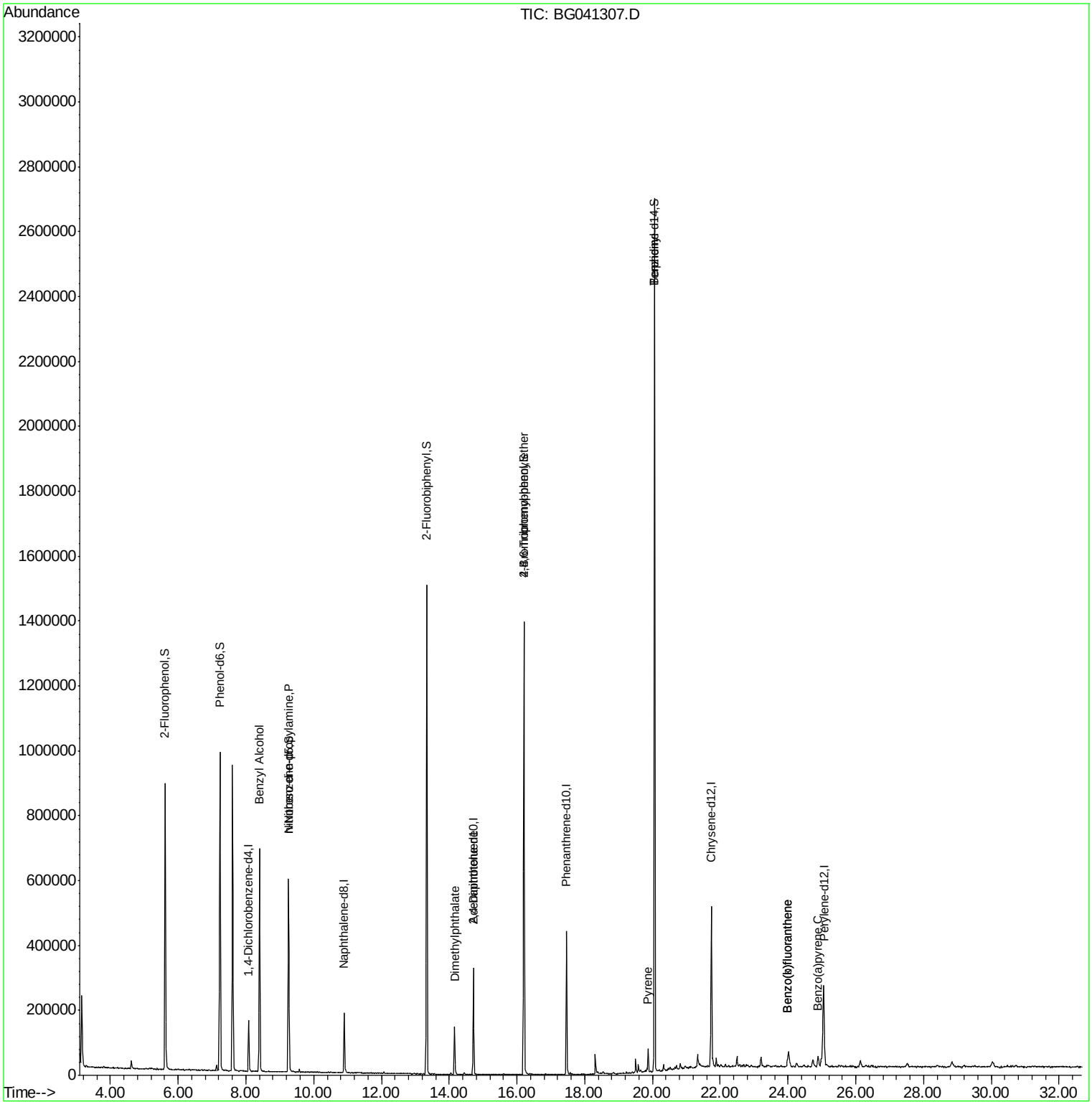
(#) = qualifier out of range (m) = manual integration (+) = signals summed

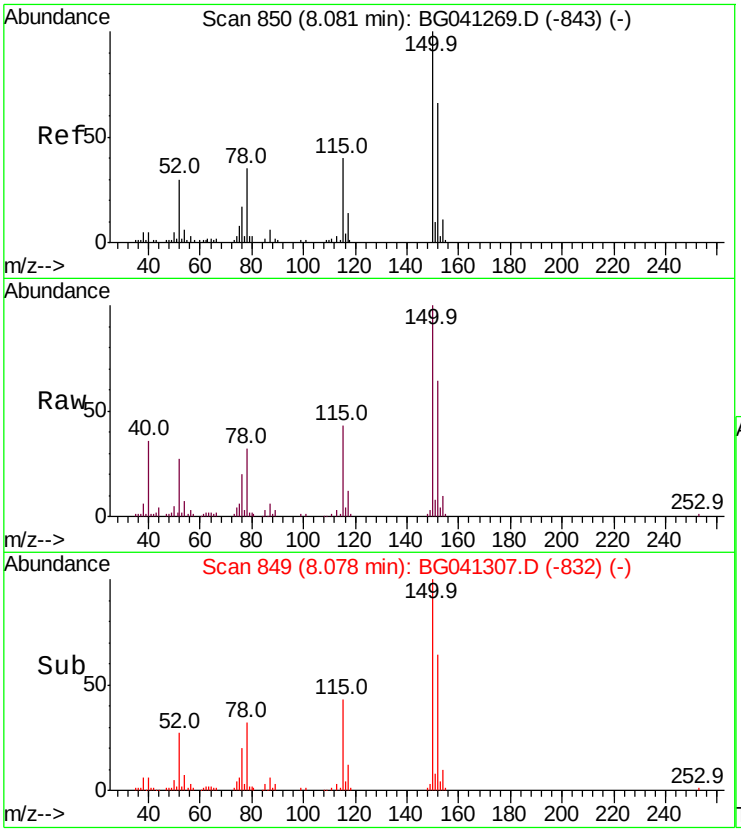
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041307.D
Acq On : 18 Jun 2019 21:16
Operator : HP/JU
Sample : K3419-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 19 05:40:55 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



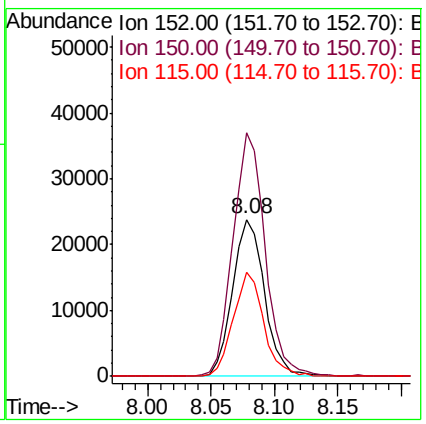


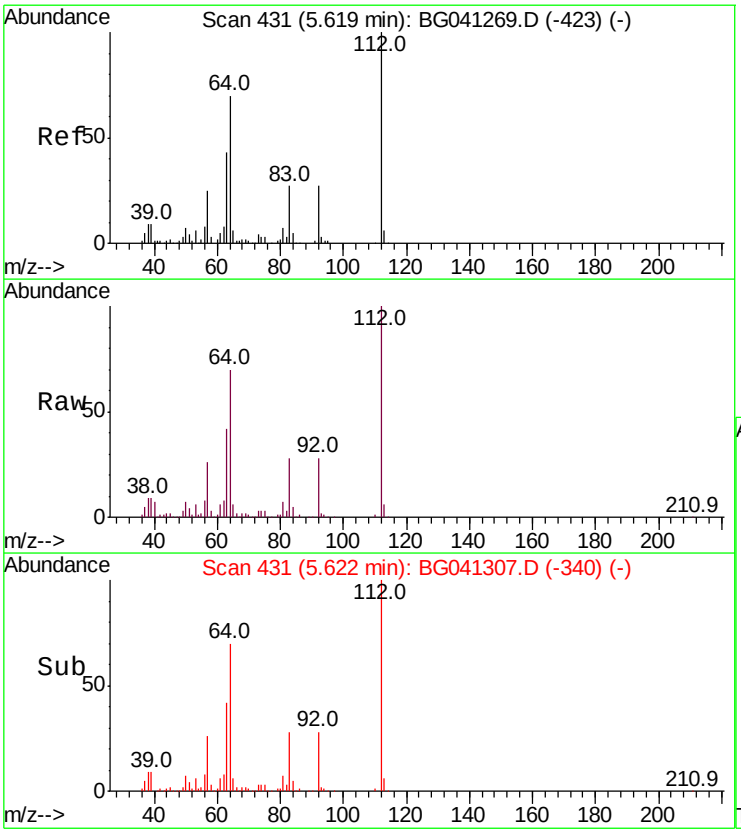
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41654

Ion	Ratio	Lower	Upper
152	100		
150	155.5	120.6	181.0
115	66.5	47.9	71.9

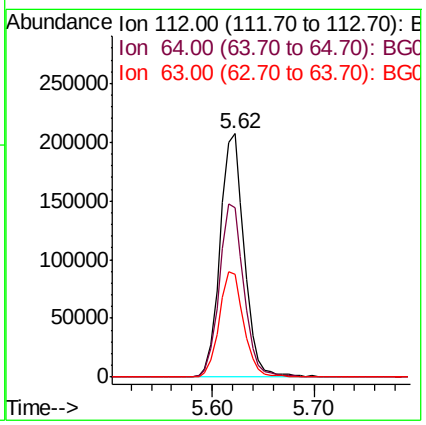


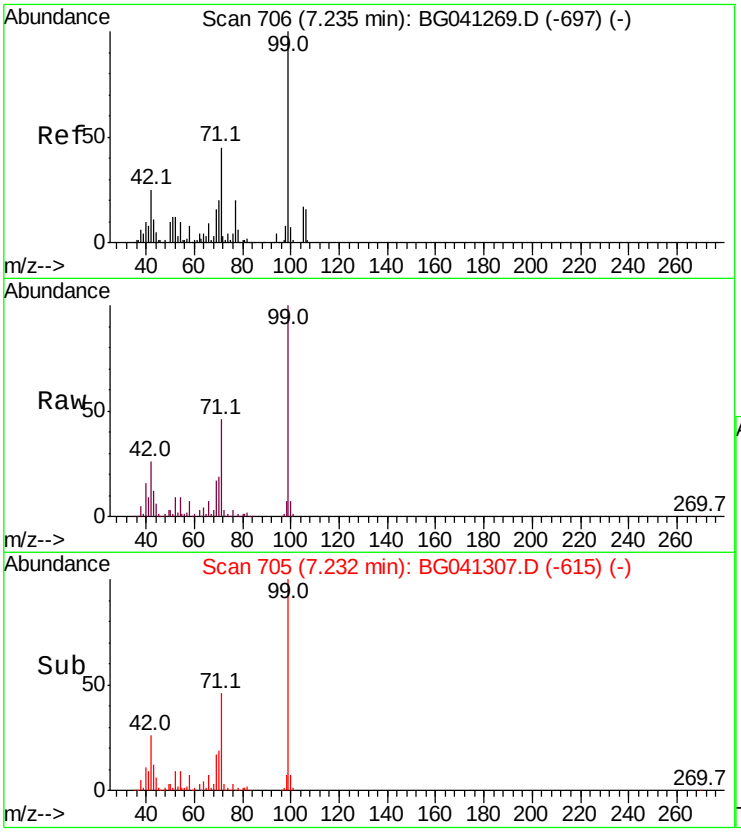


#5
2-Fluorophenol
Concen: 151.106 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:112 Resp: 342555

Ion	Ratio	Lower	Upper
112	100		
64	69.7	55.9	83.9
63	42.5	34.6	51.8



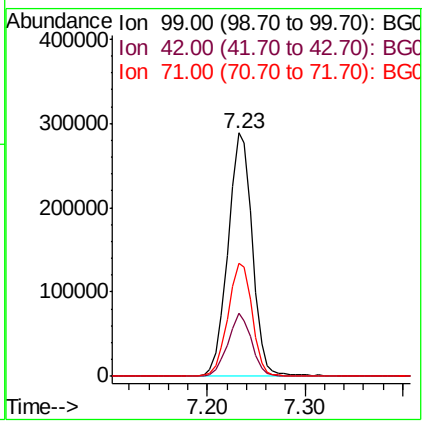


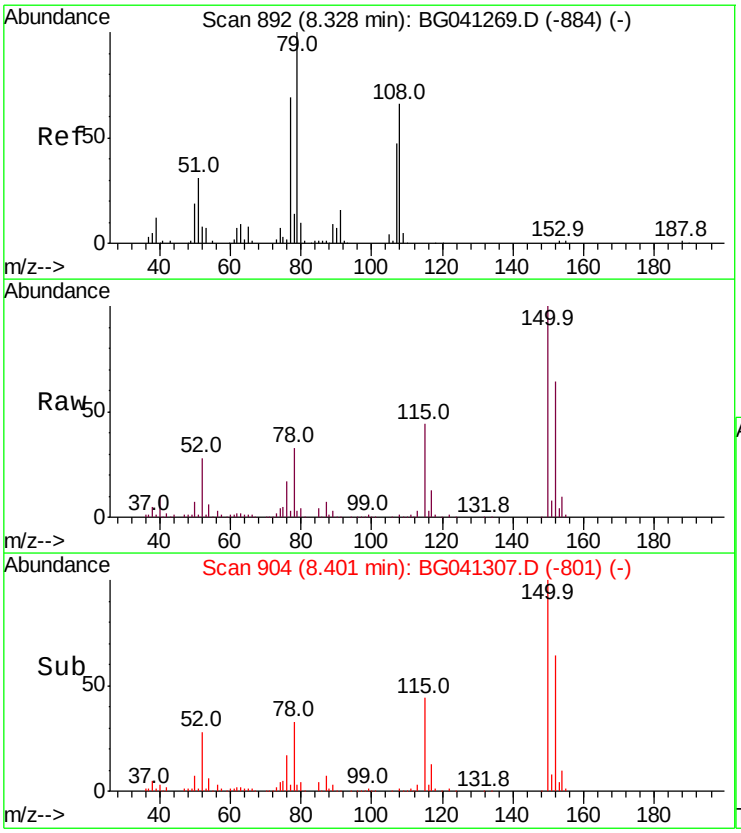
#7
Phenol-d6
Concen: 151.881 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 499085

Ion	Ratio	Lower	Upper
99	100		
42	25.8	19.9	29.9
71	46.3	36.4	54.6

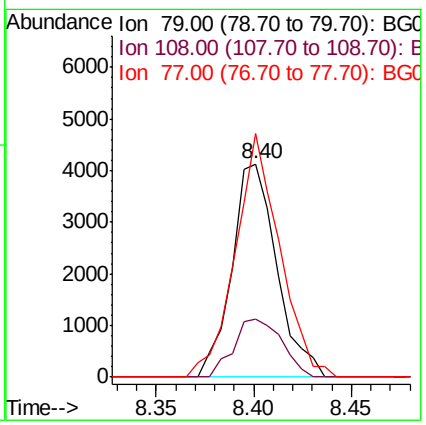


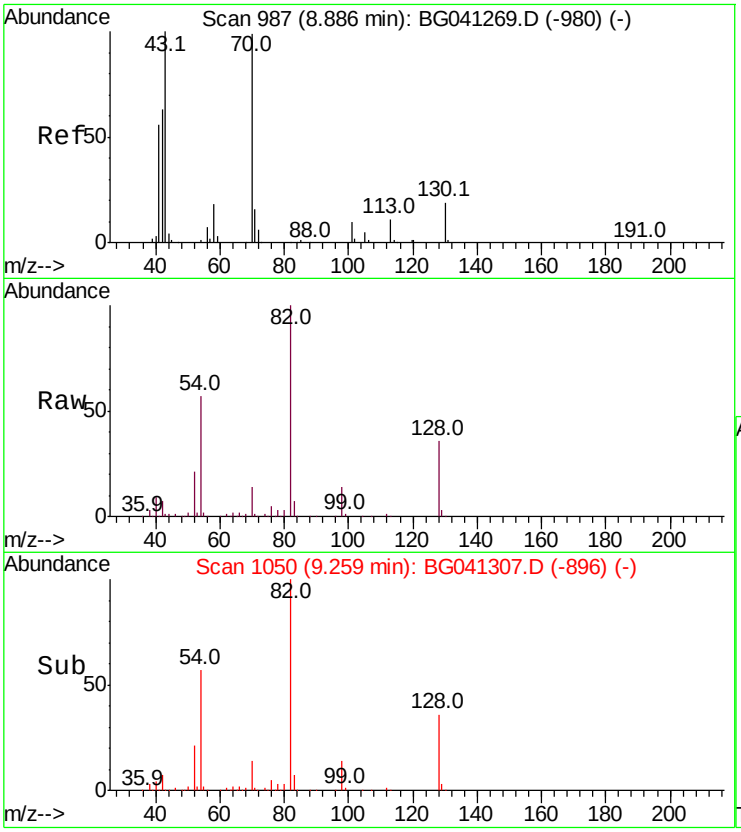


#15
Benzyl Alcohol
Concen: 2.083 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.07 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion: 79 Resp: 6558

Ion	Ratio	Lower	Upper
79	100		
108	27.1	52.7	79.1#
77	114.3	55.2	82.8#



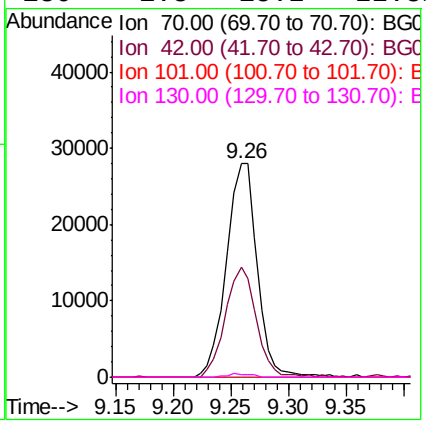


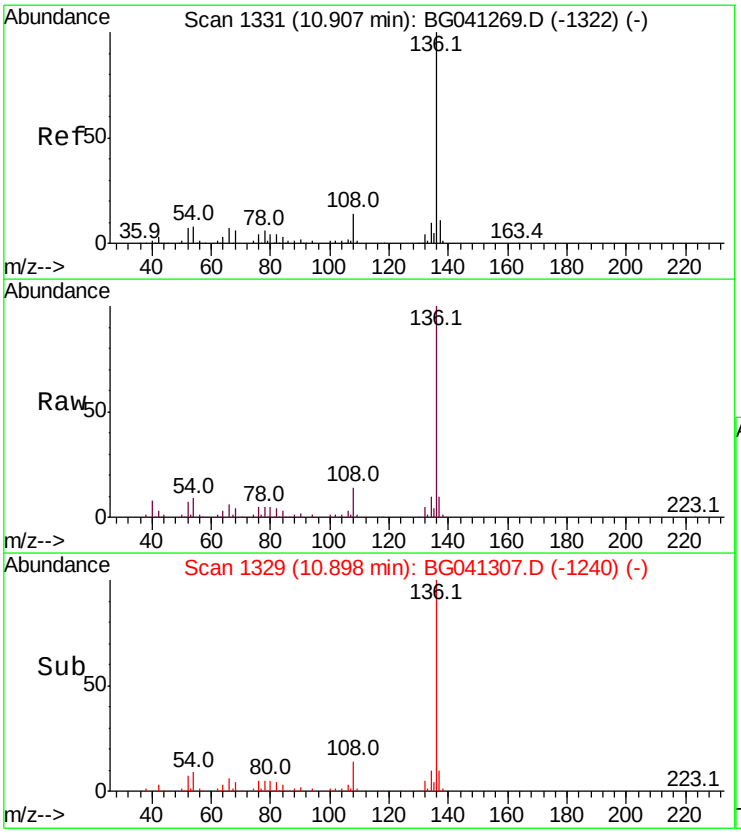
#19
n-Nitroso-di-n-propylamine
Concen: 19.472 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.37 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 51752

Ion	Ratio	Lower	Upper
70	100		
42	51.7	51.4	77.2
101	0.0	8.2	12.2#
130	1.3	15.2	22.8#

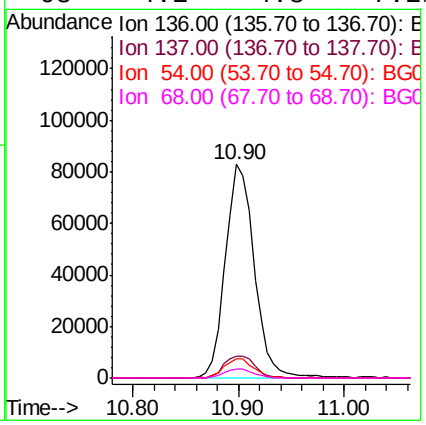


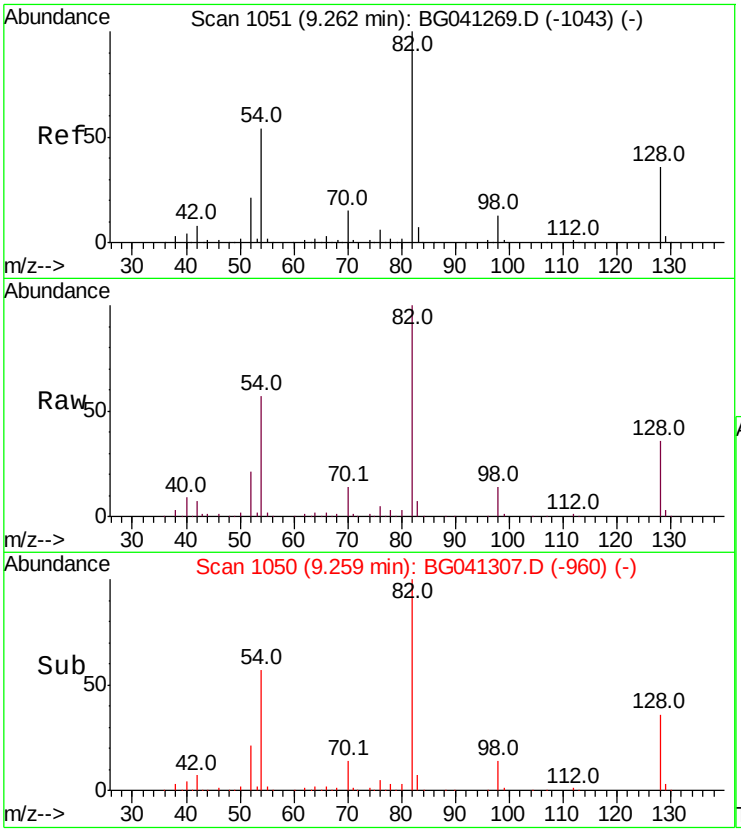


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:136 Resp: 156679

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.0	6.4	9.6
68	4.2	4.8	7.2#



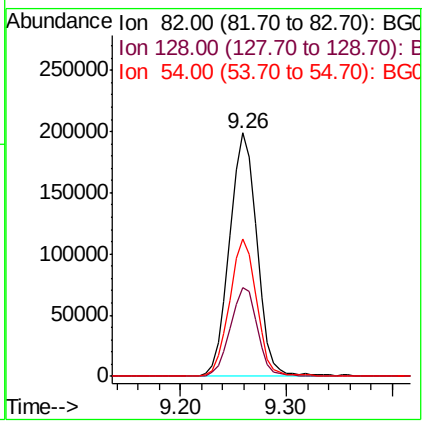


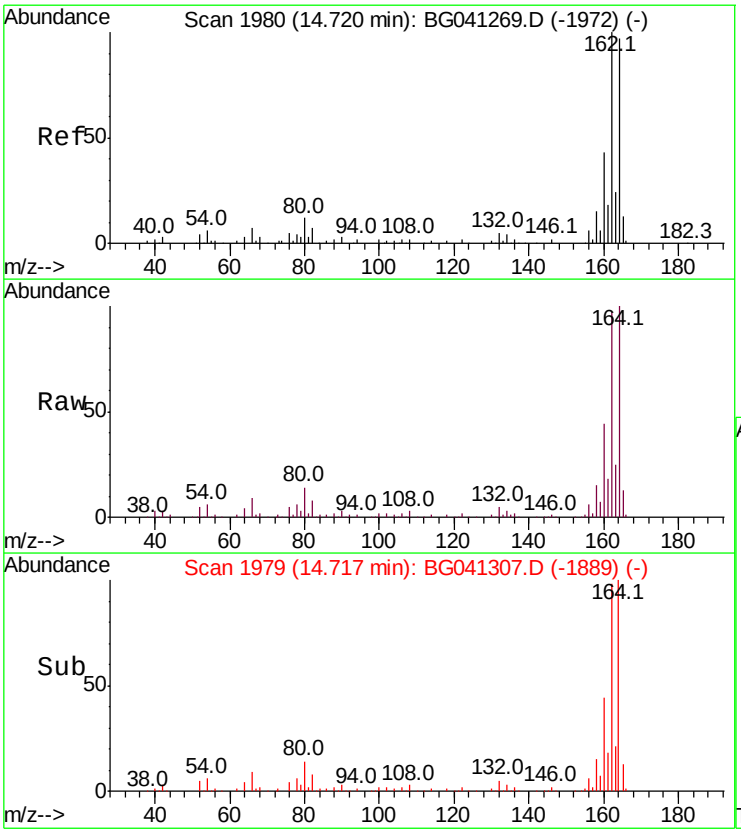
#23
Nitrobenzene-d5
Concen: 95.654 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 356357

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.2	43.8
54	56.6	43.4	65.0

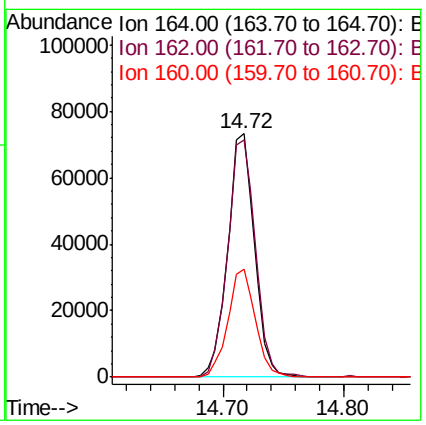


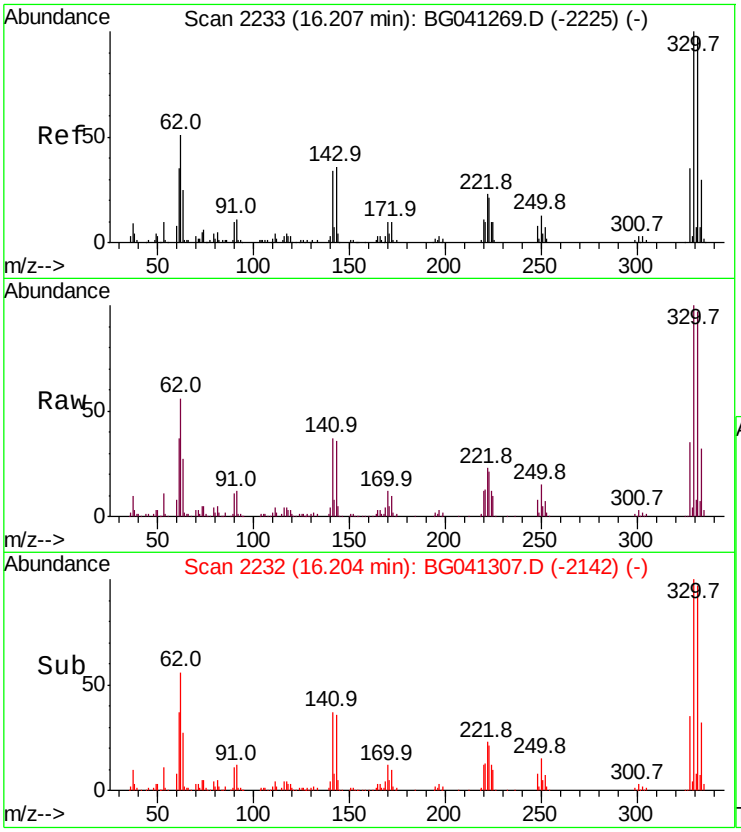


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:164 Resp: 113480

Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.8	124.2
160	44.1	35.8	53.8



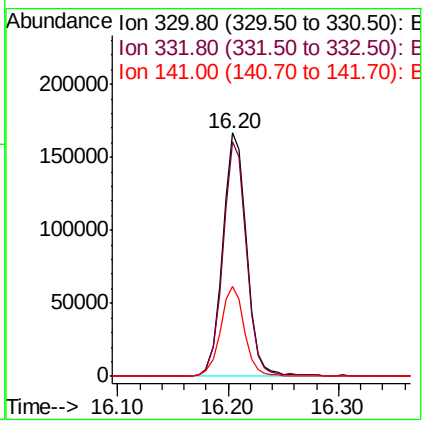


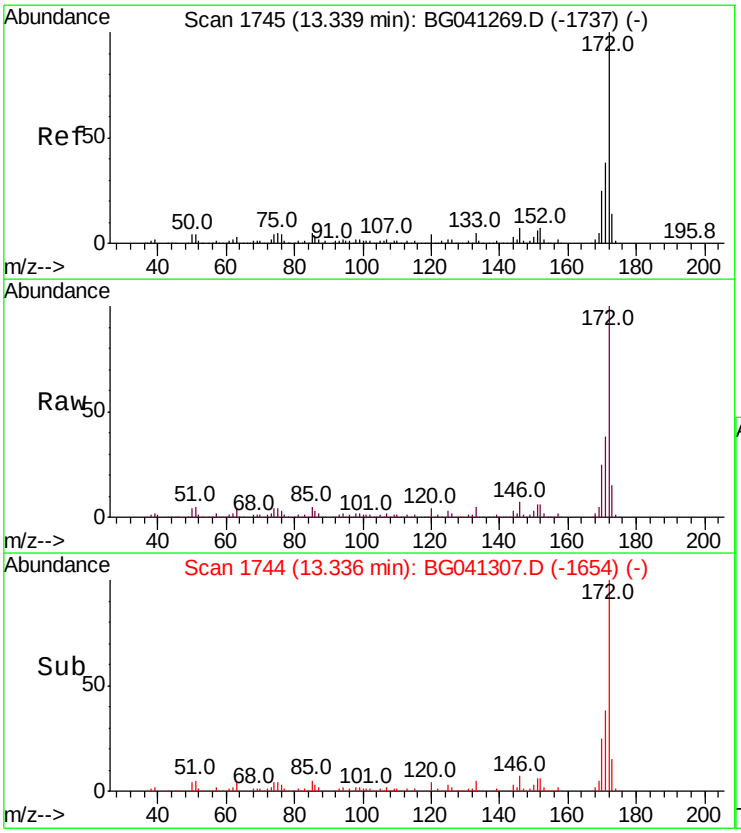
#42
2,4,6-Tribromophenol
Concen: 144.696 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 252085

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	36.5	29.0	43.4

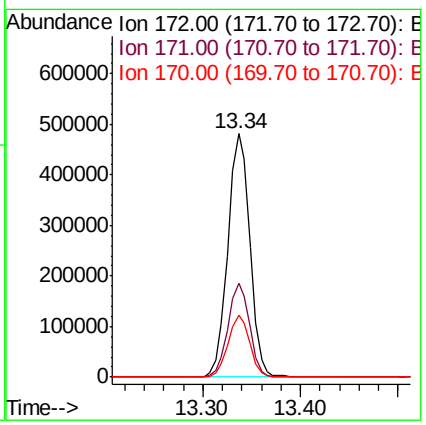


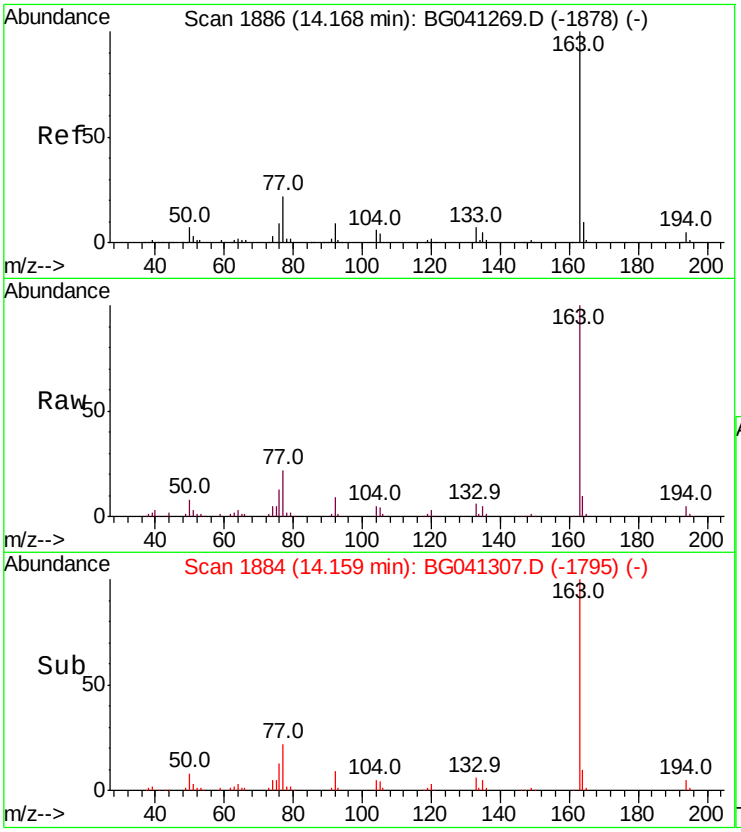


#45
2-Fluorobiphenyl
Concen: 90.332 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:172 Resp: 754209

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.3	19.8	29.6



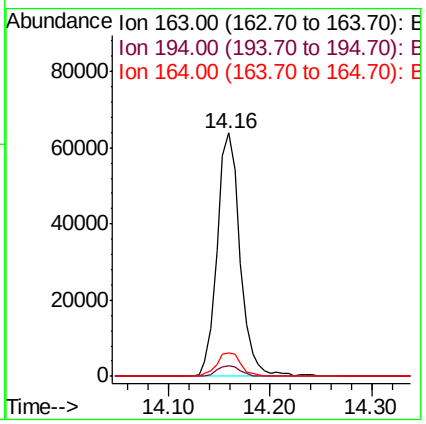


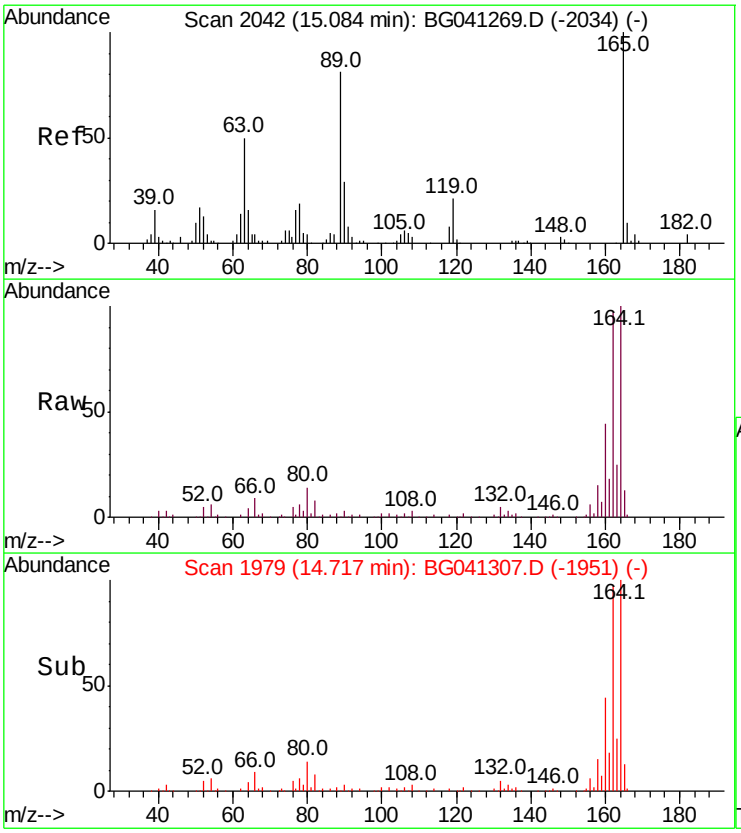
#50
Dimethylphthalate
Concen: 9.947 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 100437

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.9	5.9
164	9.8	8.3	12.5

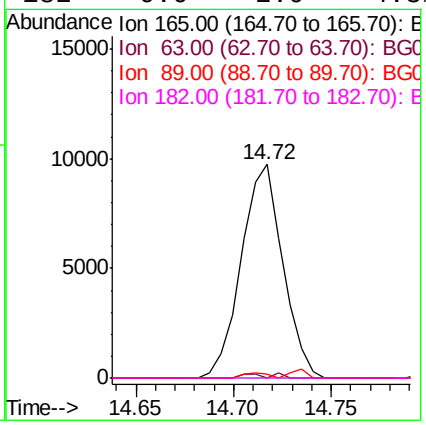


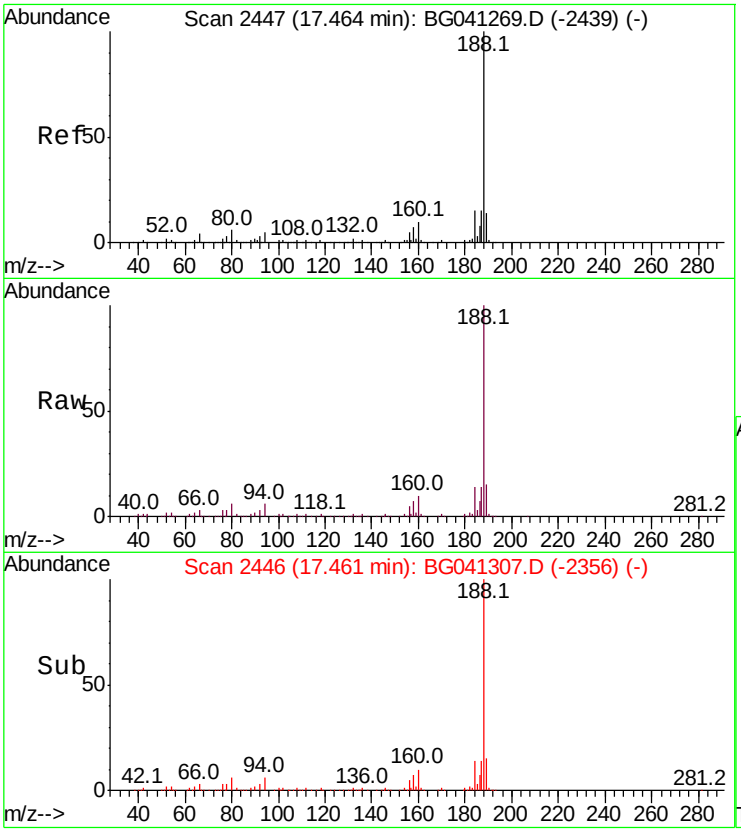


#57
2,4-Dinitrotoluene
Concen: 4.599 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:165 Resp: 14314

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	1.6	64.6	96.8#
182	0.0	2.9	4.3#



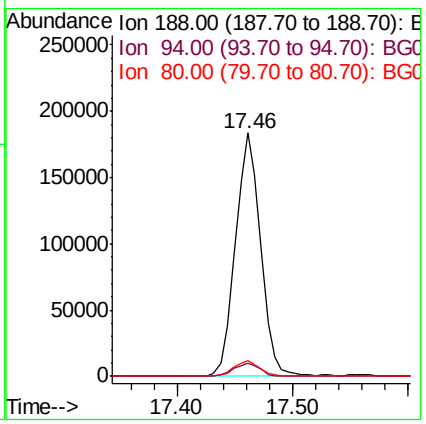


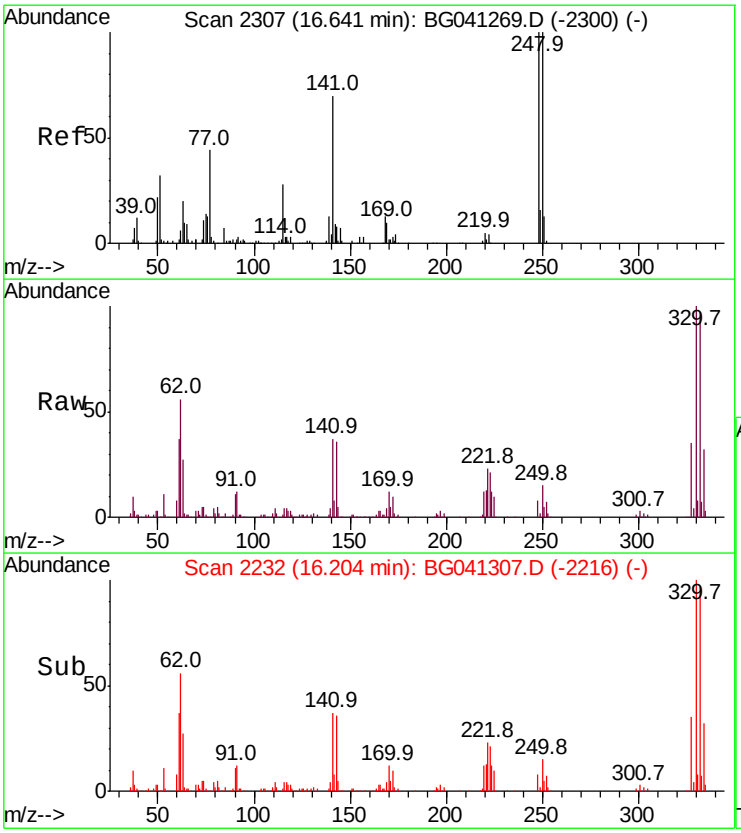
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 276689

Ion	Ratio	Lower	Upper
188	100		
94	5.7	3.6	5.4#
80	6.3	4.8	7.2

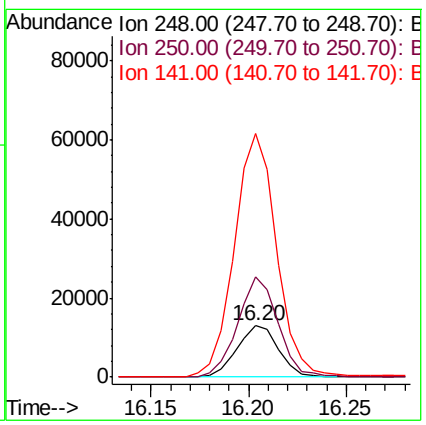


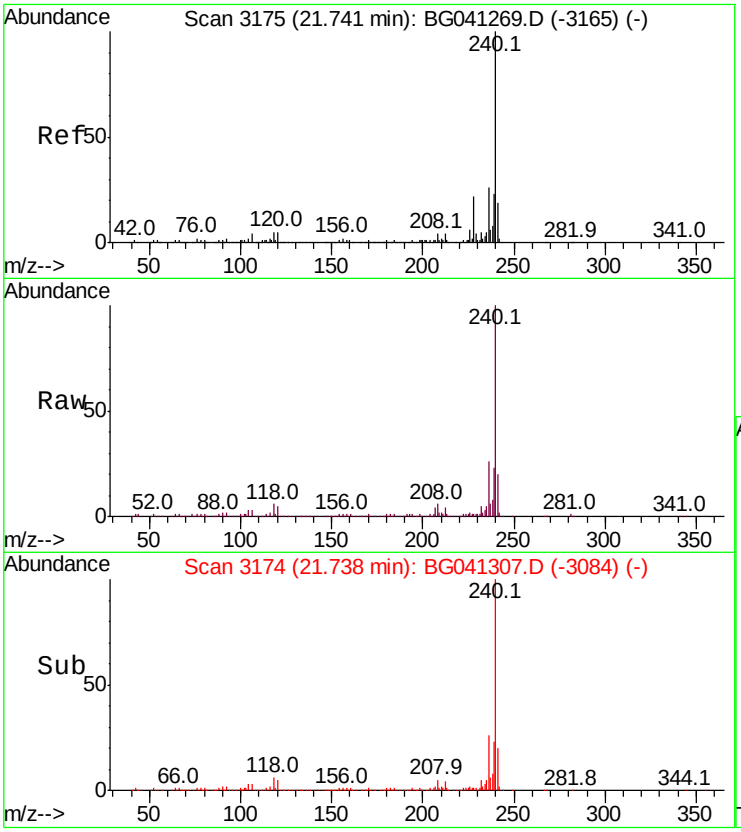


#67
4-Bromophenyl-phenylether
Concen: 5.338 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.44 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:248 Resp: 19097

Ion	Ratio	Lower	Upper
248	100		
250	194.1	79.8	119.8#
141	472.2	55.8	83.6#



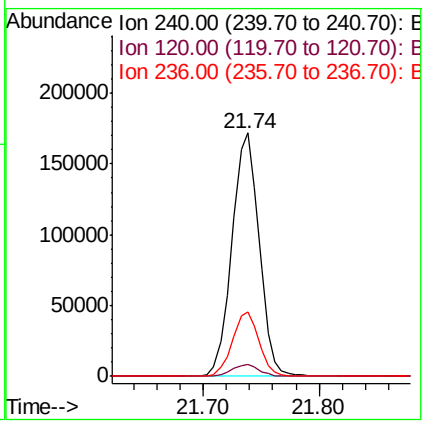


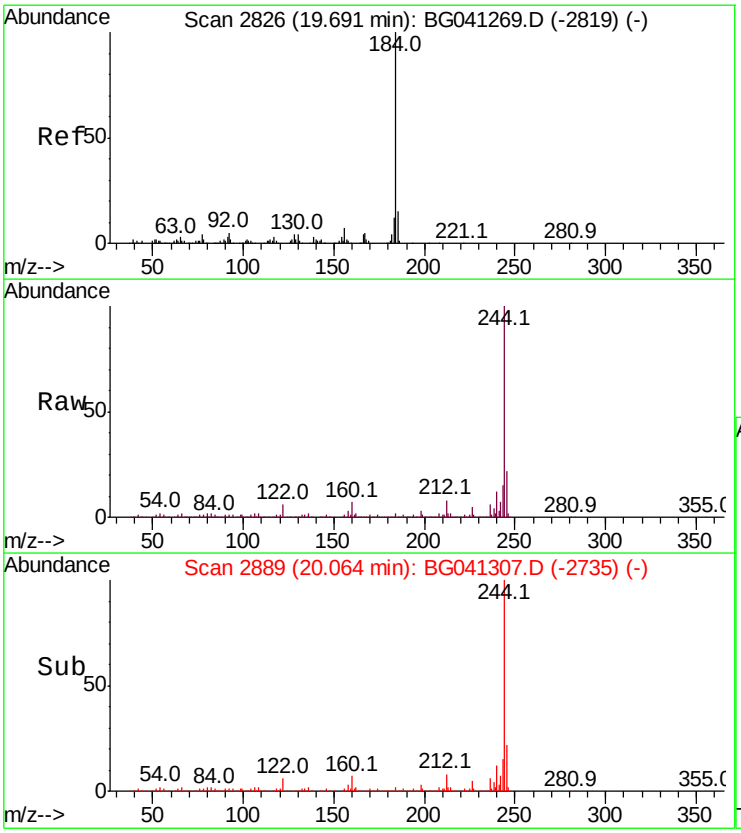
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 279926

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	26.2	21.1	31.7

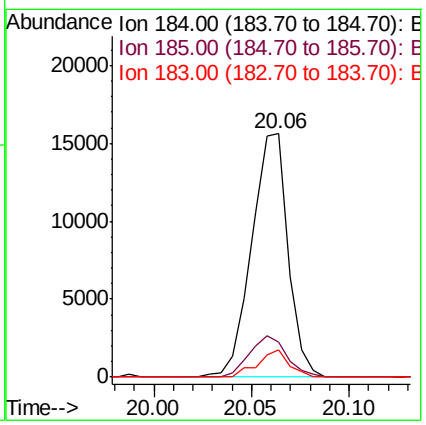


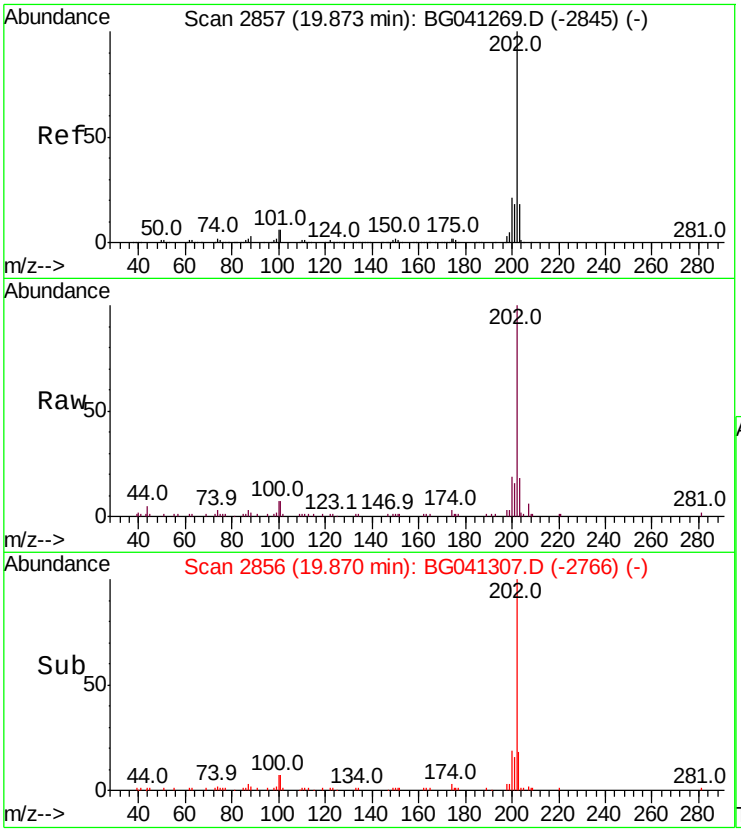


#77
Benzidine
Concen: 2.973 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.37 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:184 Resp: 20127

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	11.0	9.6	14.4



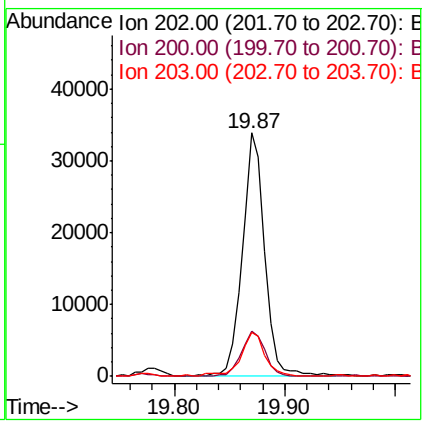


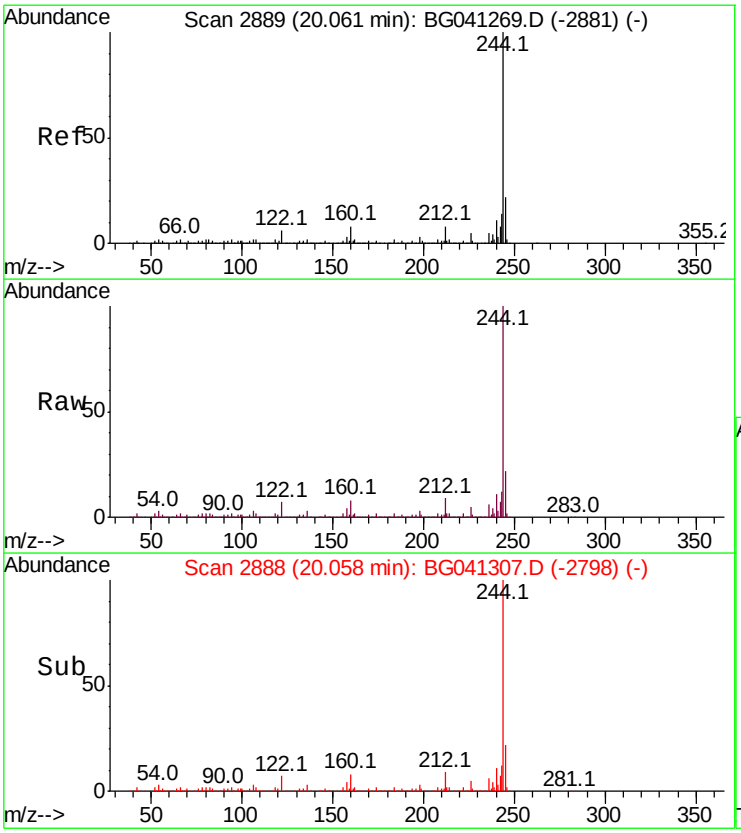
#78
Pyrene
Concen: 2.552 ng
RT: 19.87 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 48186

Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.8	25.2
203	18.3	14.6	21.8

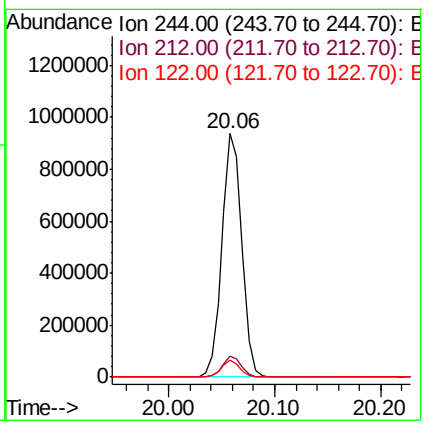


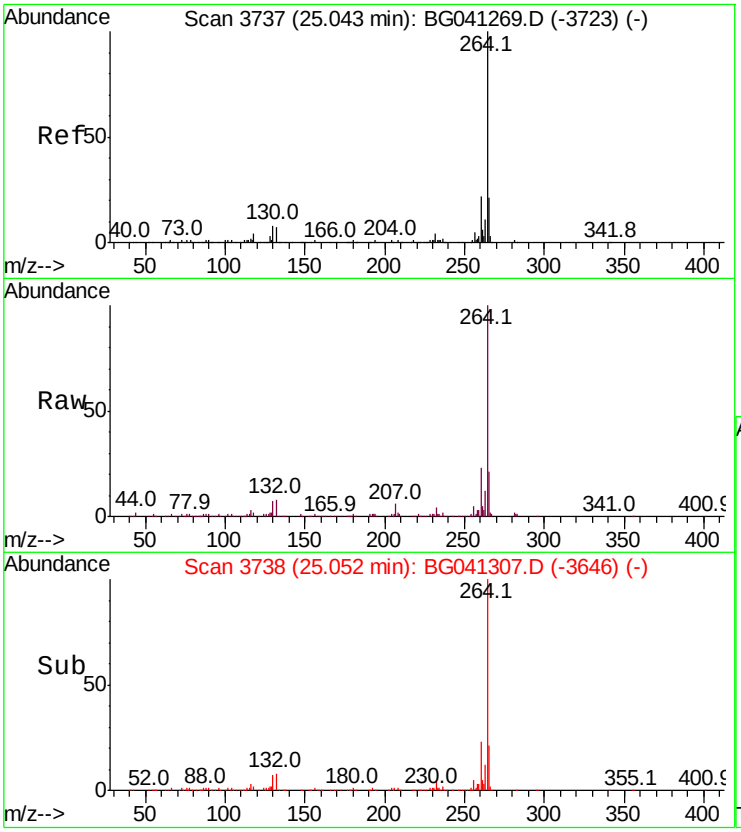


#79
Terphenyl-d14
Concen: 86.165 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:244 Resp: 1217070

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	6.9	5.0	7.4



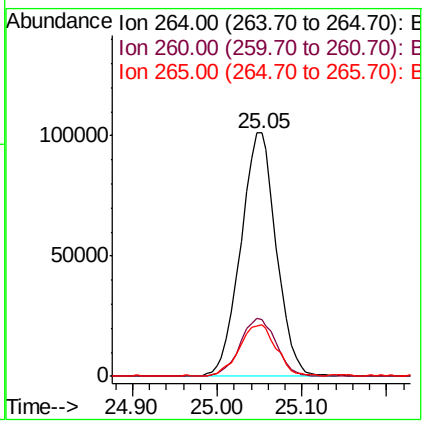


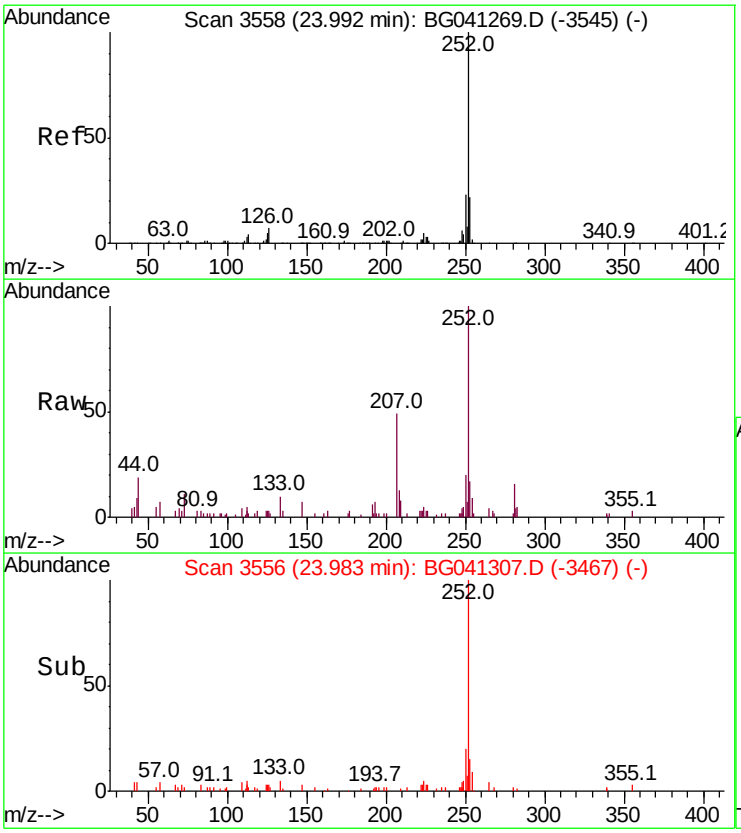
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 296371

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.2
265	21.0	17.2	25.8

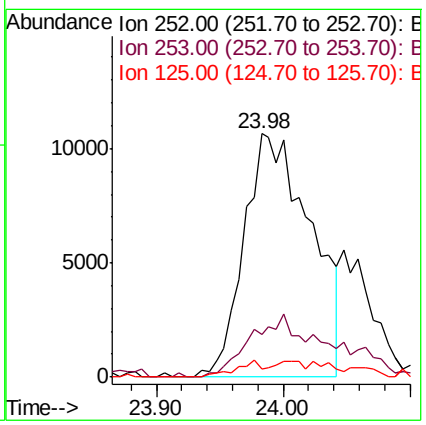


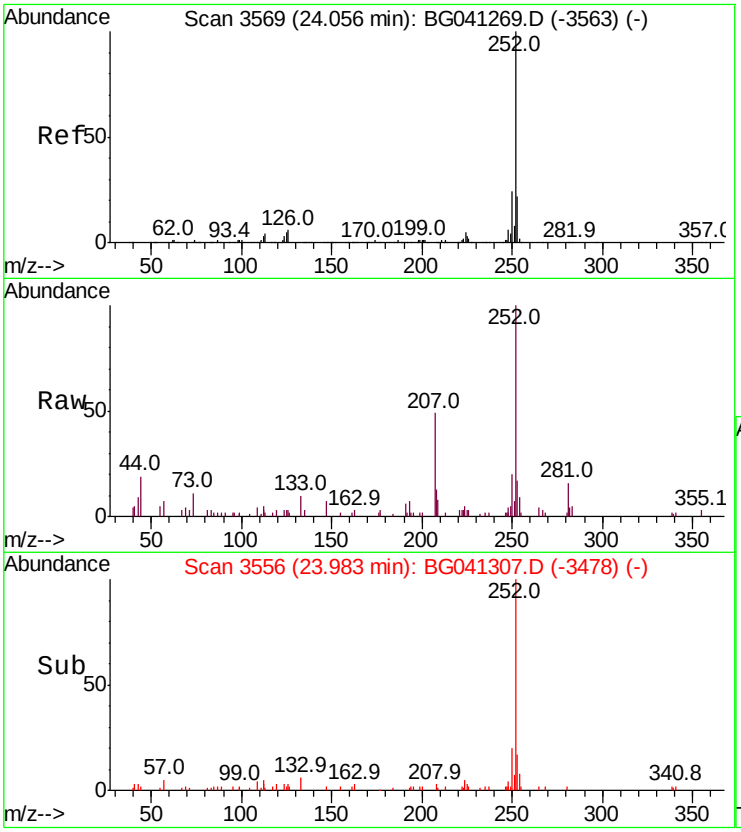


#88
Benzo(b)fluoranthene
Concen: 2.128 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:252 Resp: 39087

Ion	Ratio	Lower	Upper
252	100		
253	17.5	17.4	26.0
125	3.3	3.9	5.9#



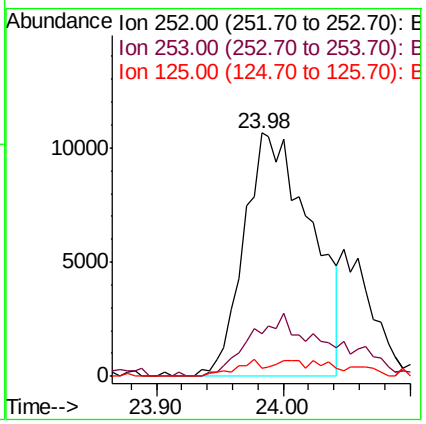


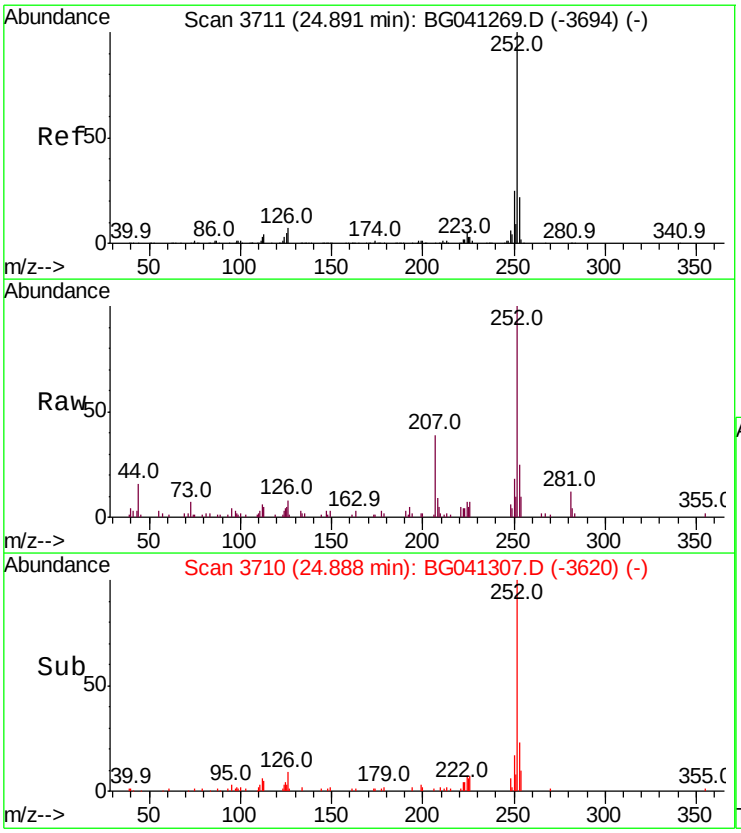
#89
Benzo(k)fluoranthene
Concen: 2.148 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.07 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 39087

Ion	Ratio	Lower	Upper
252	100		
253	17.5	18.0	27.0#
125	3.3	4.3	6.5#





#90
Benzo(a)pyrene
Concen: 2.090 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:252 Resp: 36252

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	4.5	4.2	6.4