Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 17:53:48 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	45778	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	180641	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	120438	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	260974	20.00	ng		0.00
76) Chrysene-d12	21.75	240	253544	20.00	ng		0.00
87) Perylene-d12	25.08	264	157292	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	119153	47.83	ng		0.00
7) Phenol-d6	7.24	99	175759	48.67	ng		0.00
23) Nitrobenzene-d5	9.26	82	125182	29.14	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	78149	42.27	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	274713	31.00	ng		0.00
79) Terphenyl-d14	20.06	244	391083	30.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	17905	6.130	ng	#	84
50) Dimethylphthalate	14.16	163	31329	2.924	ng		96
51) 2,6-Dinitrotoluene	14.72	165	15490	6.855	ng	#	16
56) 4-Nitrophenol	14.84	139	65	3.253	ng	#	78
57) 2,4-Dinitrotoluene	14.72	165	15490	4.690	ng	#	20
71) Phenanthrene	17.51	178	56354	4.049	ng		97
75) Fluoranthene	19.51	202	143182	7.743	ng		99
78) Pyrene	19.88	202	143693	8.403	ng		97
81) Benzo(a)anthracene	21.73	228	66105	3.851	ng	#	93
83) Chrysene	21.79	228	79763	4.831	ng	#	93
88) Benzo(b)fluoranthene	24.01	252	62761	6.438	ng	#	48
89) Benzo(k)fluoranthene	24.01	252	62761	6.499	ng	#	50
90) Benzo(a)pyrene	24.92	252	37777	4.103	ng	#	67

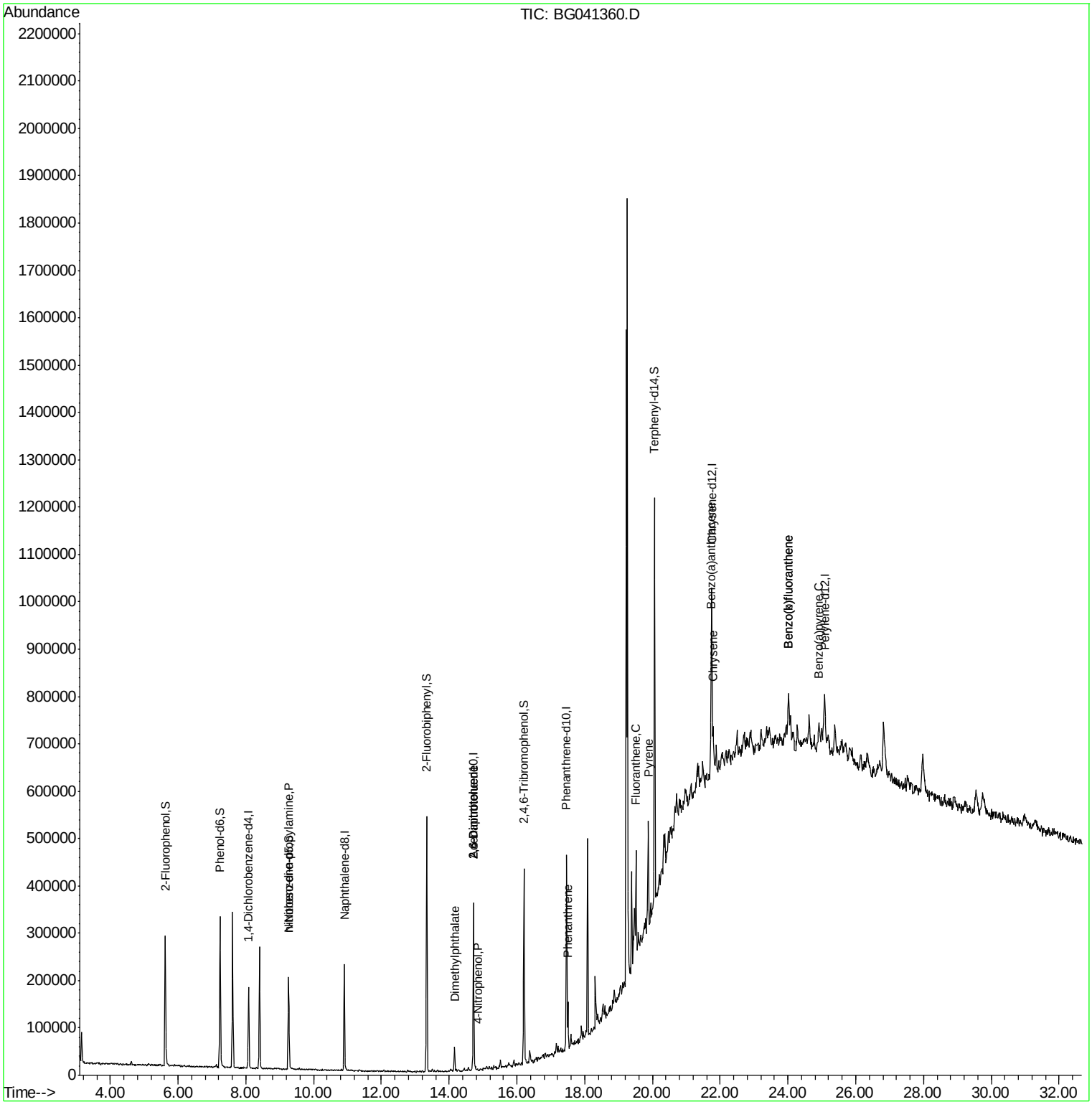
(#) = qualifier out of range (m) = manual integration (+) = signals summed

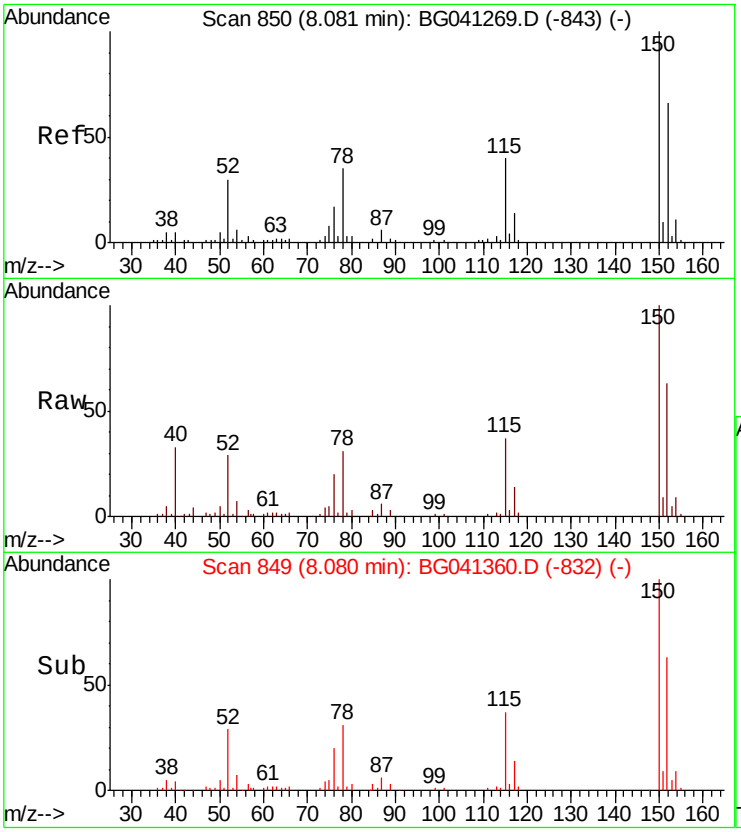
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 20 17:53:48 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



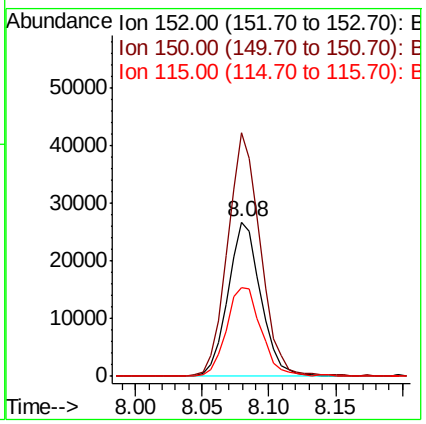


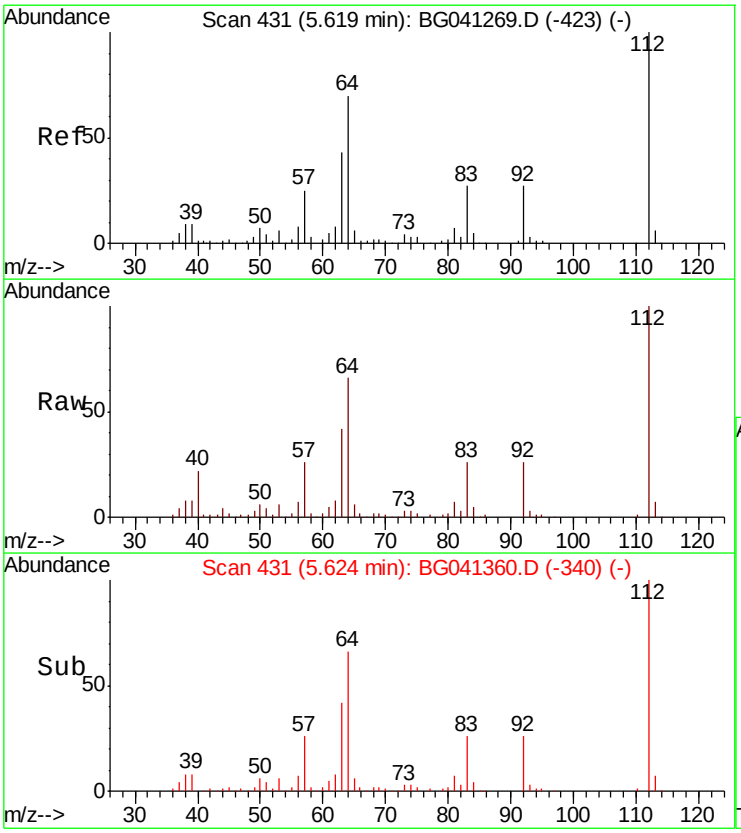
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45778

Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.6	181.0
115	57.7	47.9	71.9

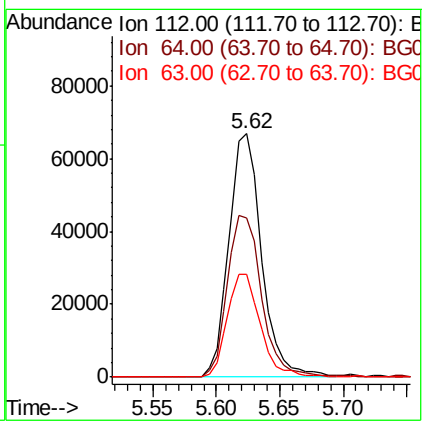


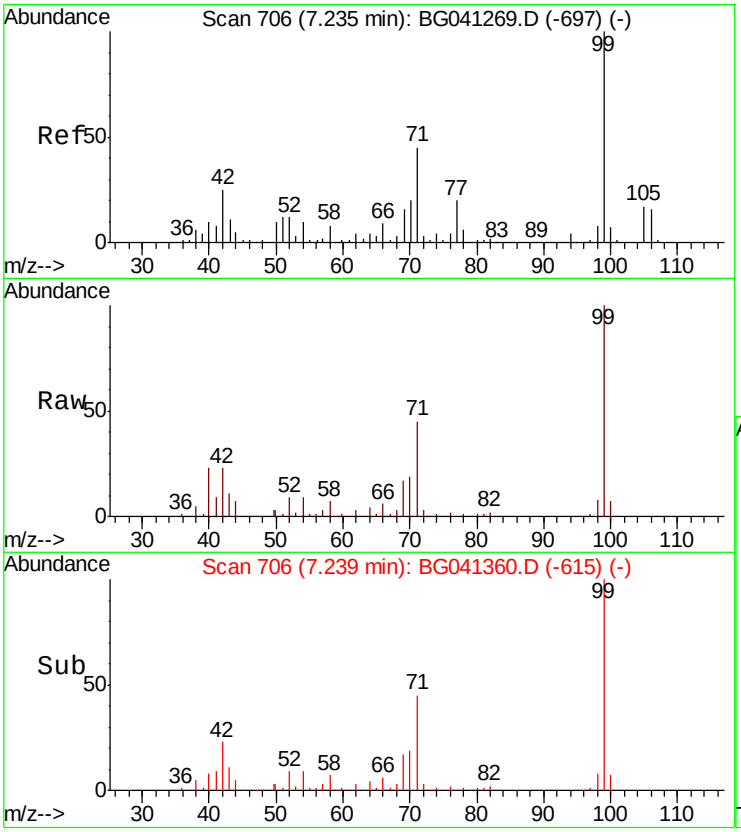


#5
2-Fluorophenol
Concen: 47.825 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:112 Resp: 119153

Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.9	83.9
63	42.0	34.6	51.8



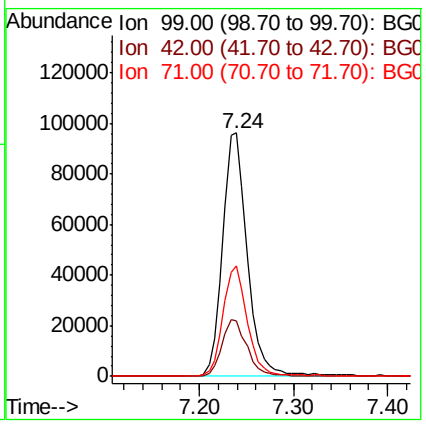


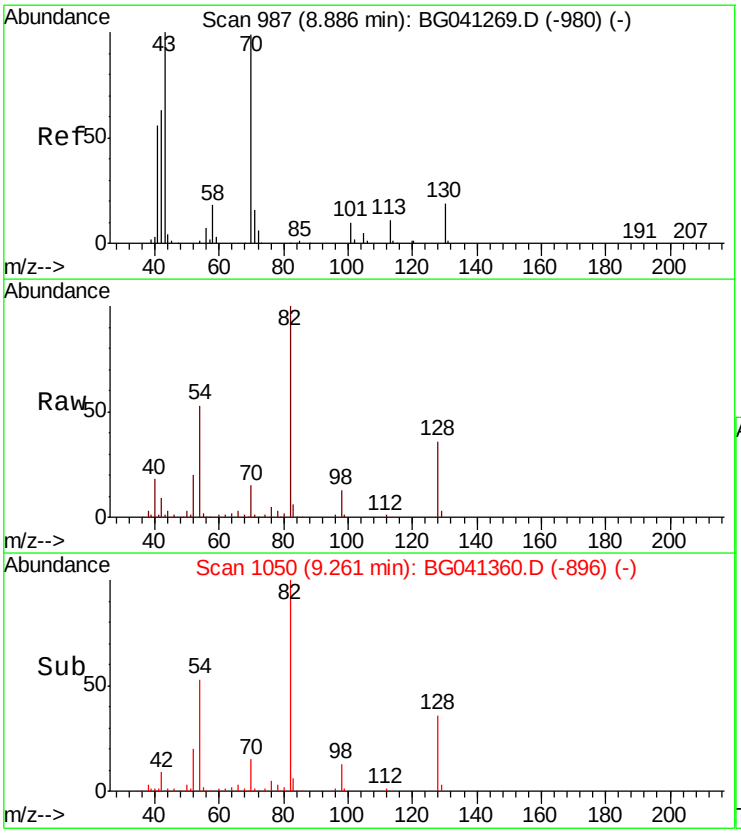
#7
Phenol-d6
Concen: 48.668 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 175759

Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.9	29.9
71	45.3	36.4	54.6

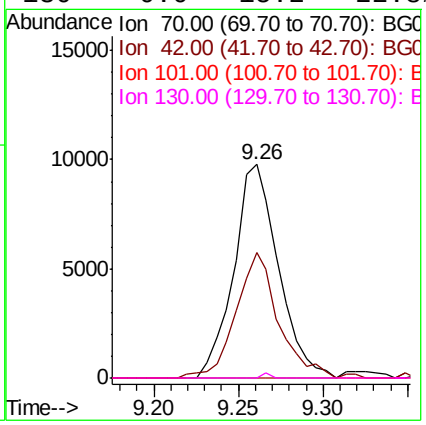


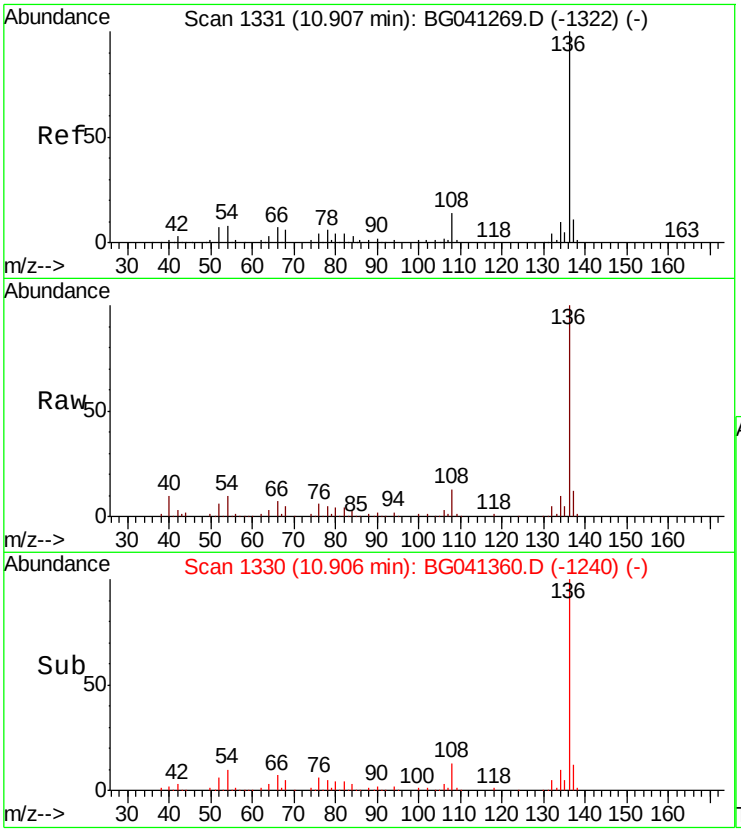


#19
n-Nitroso-di-n-propylamine
Concen: 6.130 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.37 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion: 70 Resp: 17905

Ion	Ratio	Lower	Upper
70	100		
42	58.8	51.4	77.2
101	0.0	8.2	12.2#
130	0.0	15.2	22.8#



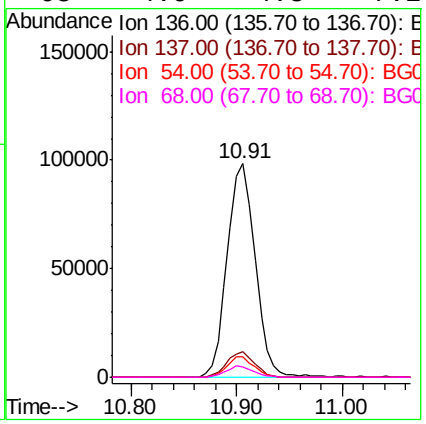


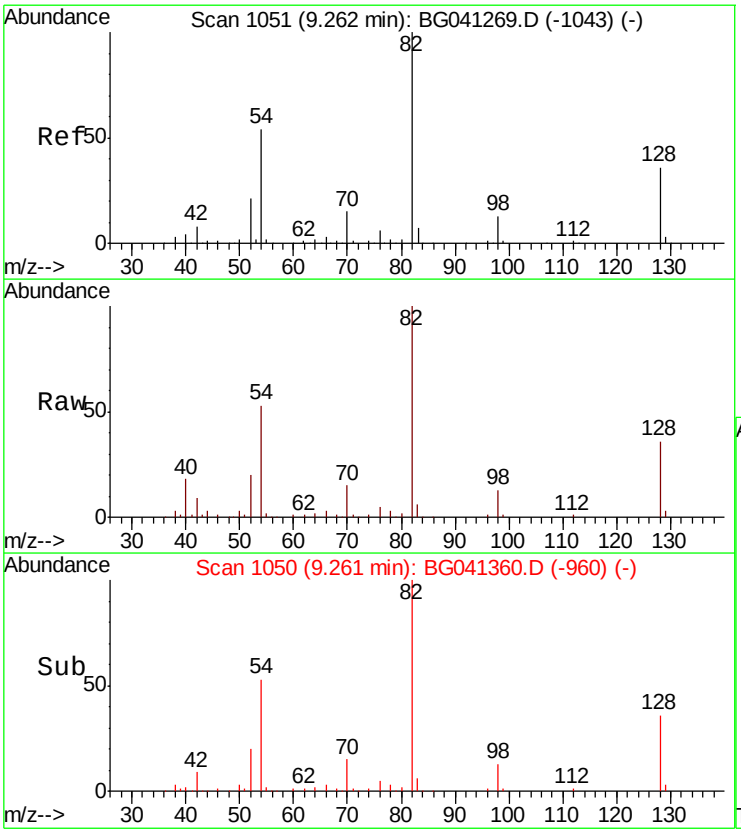
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 180641

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	9.6	6.4	9.6
68	4.9	4.8	7.2

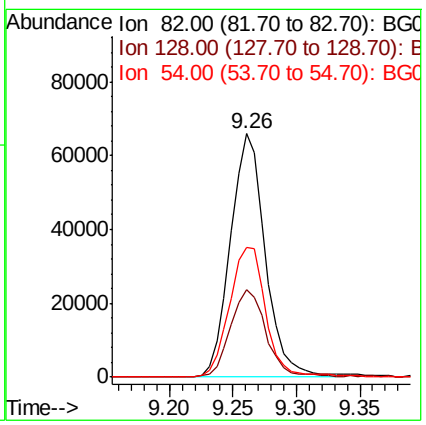


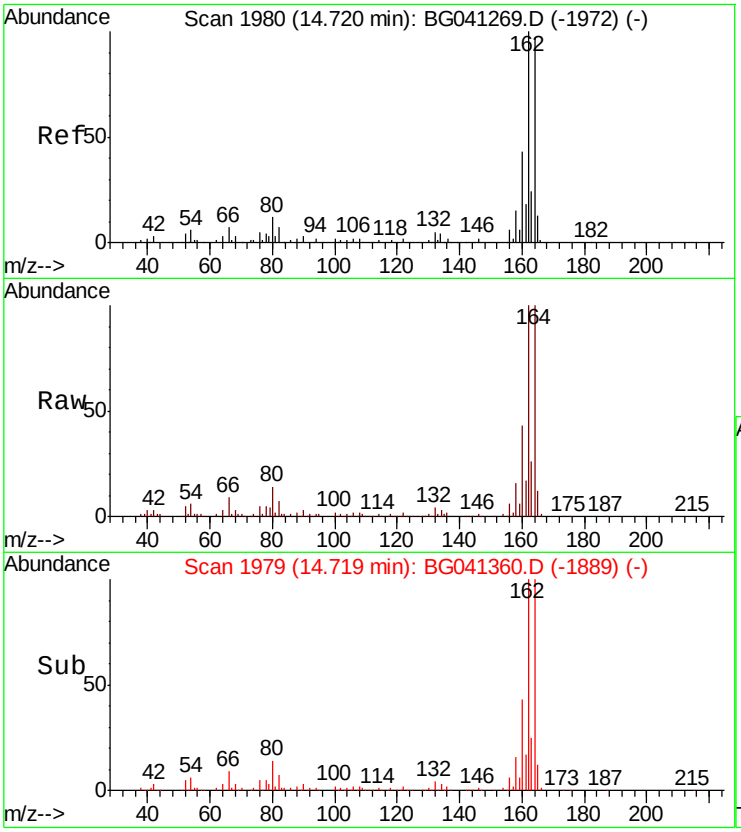


#23
Nitrobenzene-d5
Concen: 29.144 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion: 82 Resp: 125182

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.2	43.8
54	53.1	43.4	65.0



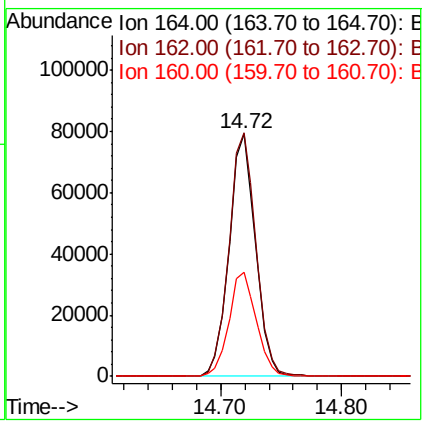


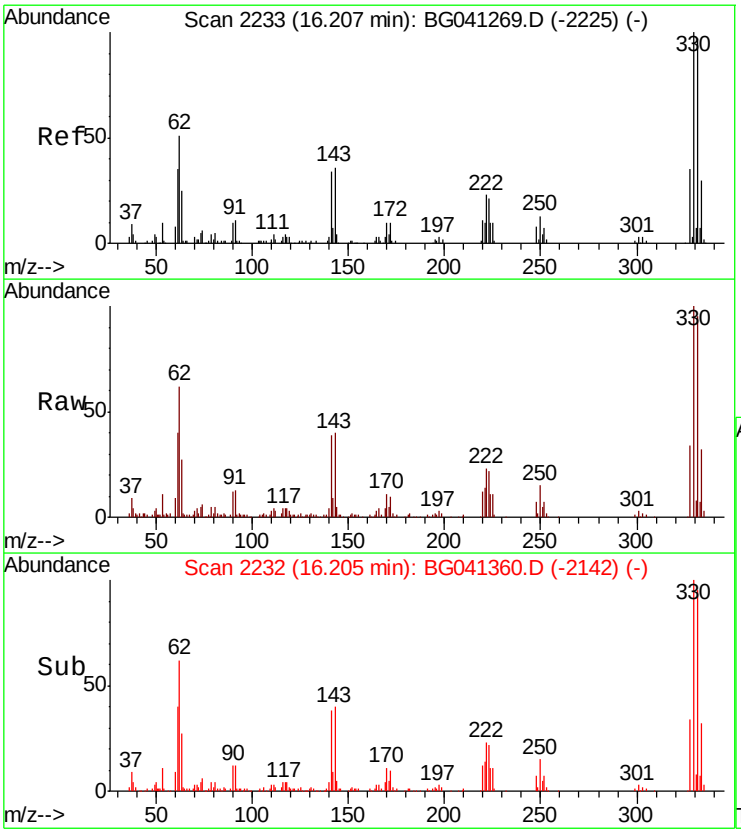
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 120438

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.8	124.2
160	43.0	35.8	53.8

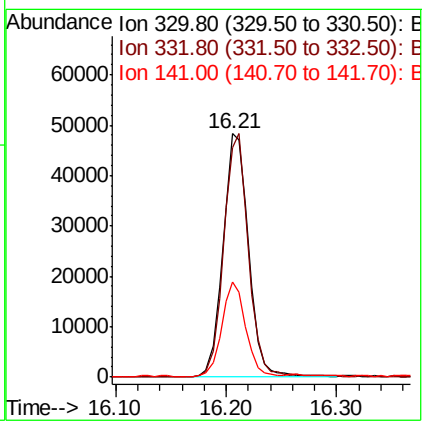


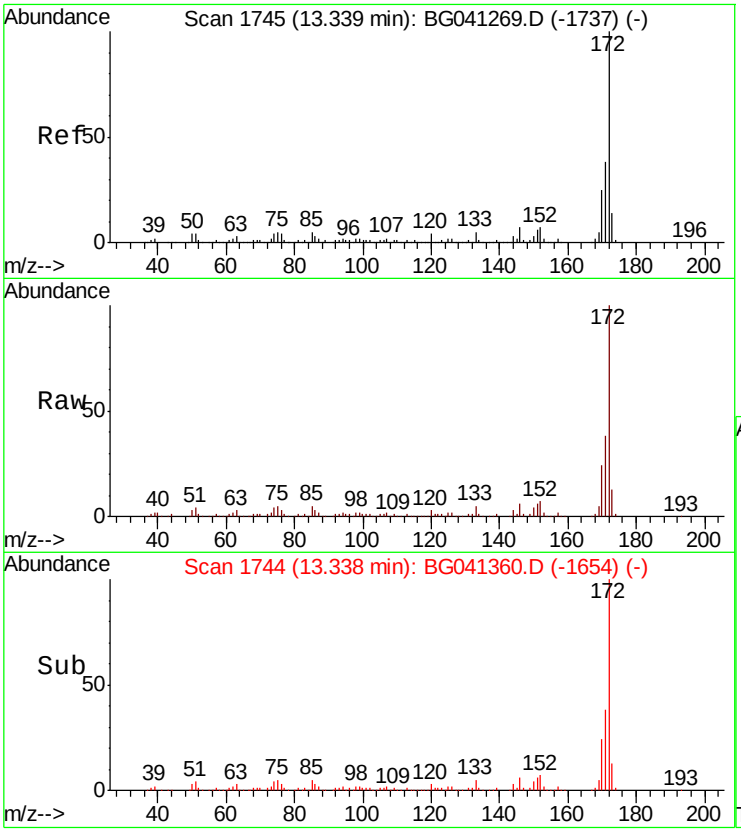


#42
2,4,6-Tribromophenol
Concen: 42.266 ng
RT: 16.21 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:330 Resp: 78149

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.5	113.3
141	36.8	29.0	43.4



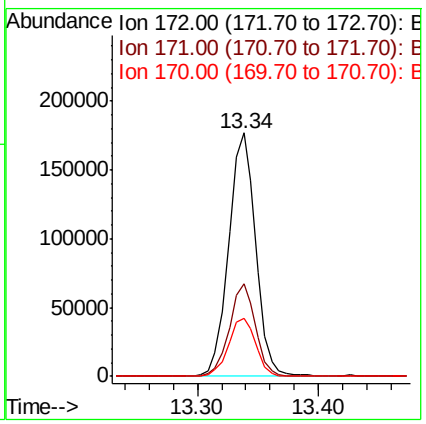


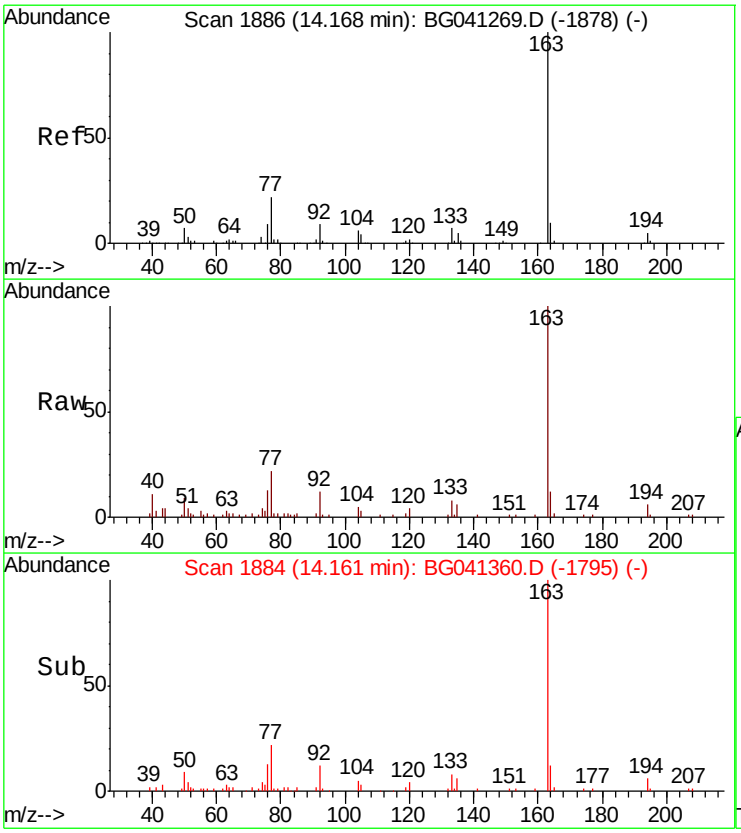
#45
2-Fluorobiphenyl
Concen: 31.002 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 274713

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.1	19.8	29.6

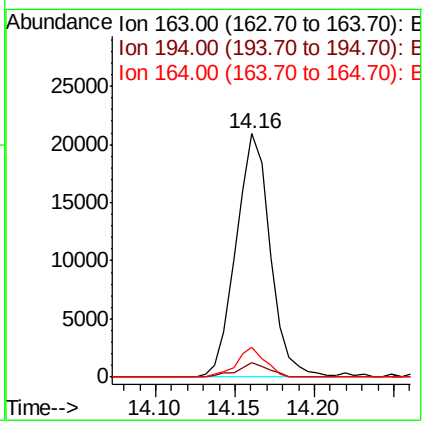


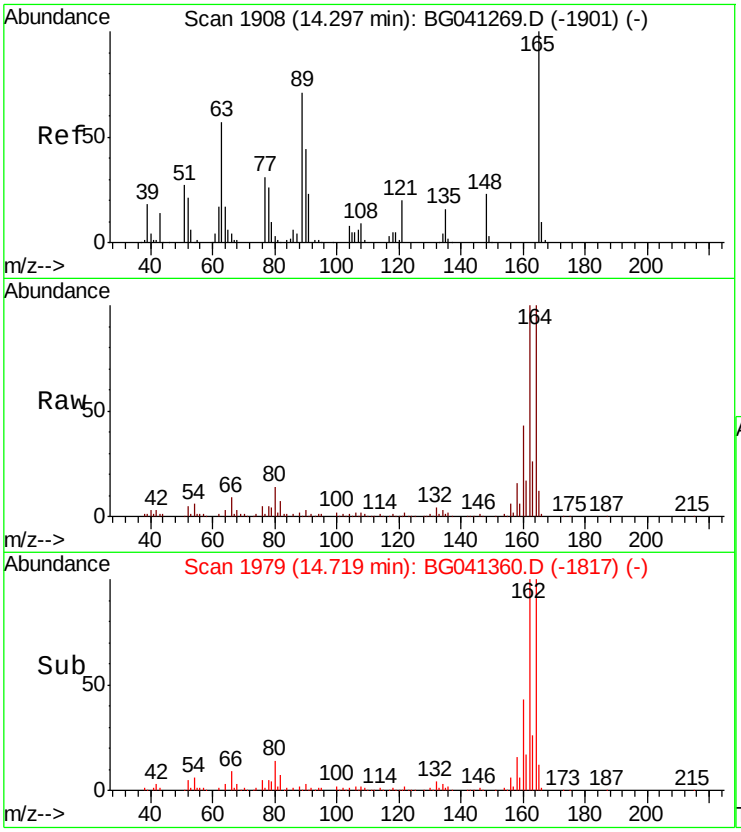


#50
Dimethylphthalate
Concen: 2.924 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:163 Resp: 31329

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.9	5.9
164	12.2	8.3	12.5



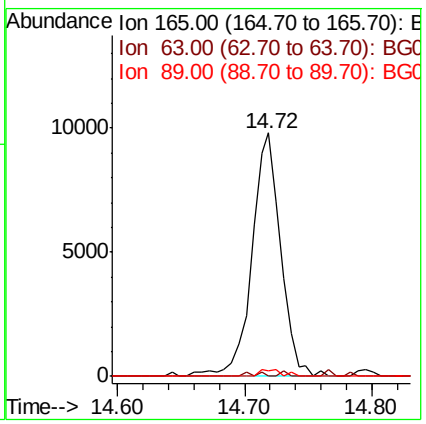


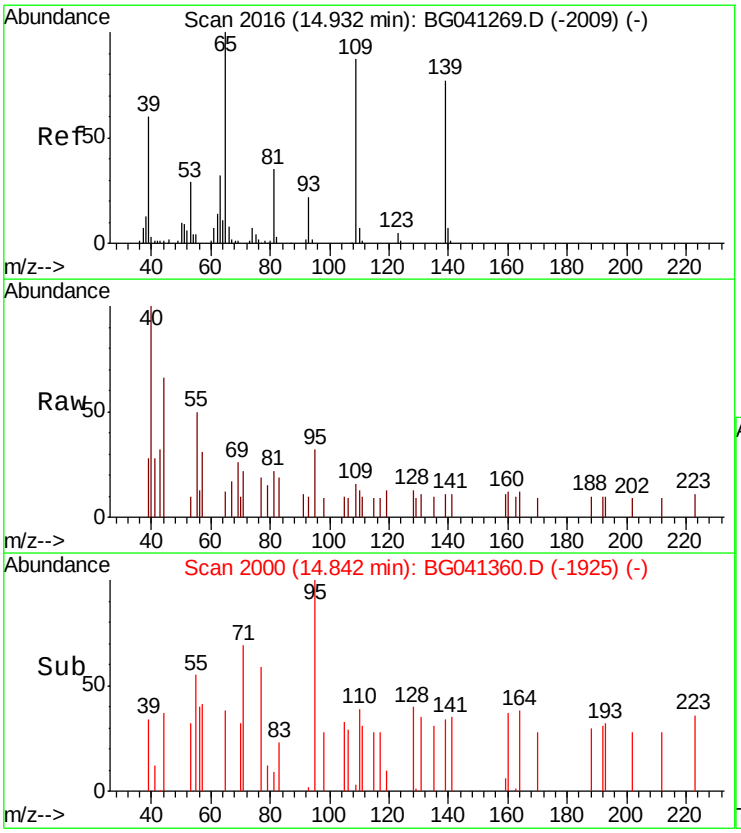
#51
2,6-Dinitrotoluene
Concen: 6.855 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15490

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	2.4	56.5	84.7#

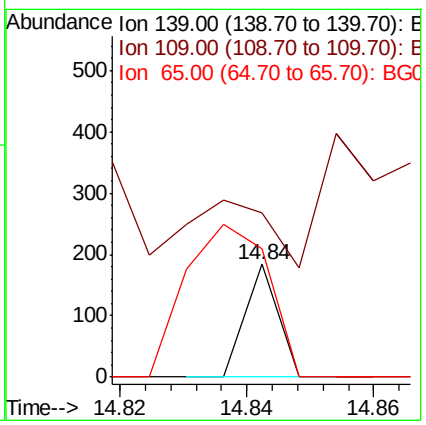


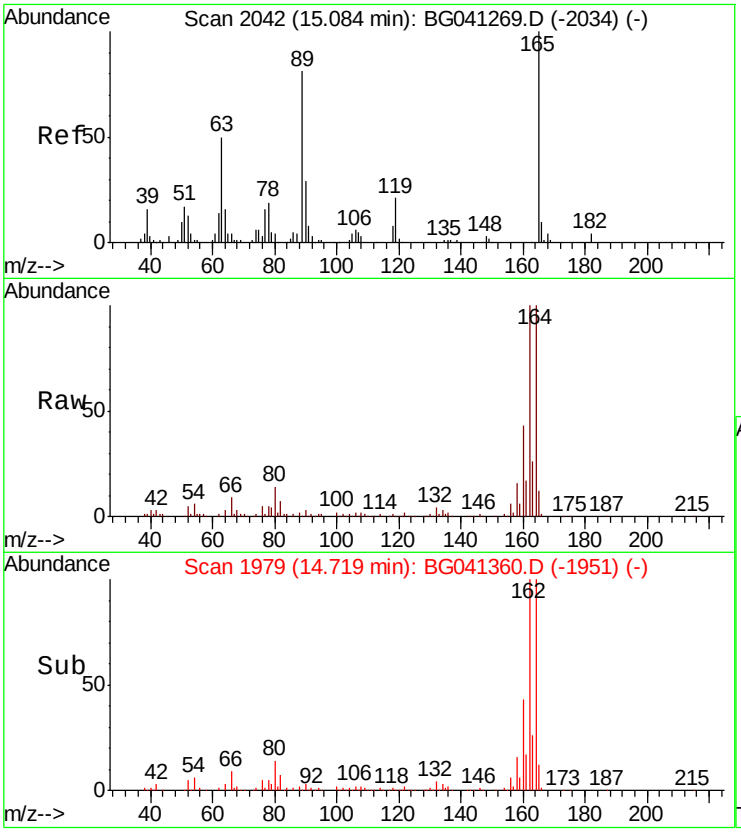


#56
4-Nitrophenol
Concen: 3.253 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.09 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:139 Resp: 65

Ion	Ratio	Lower	Upper
139	100		
109	145.7	93.2	133.2#
65	113.6	110.2	150.2



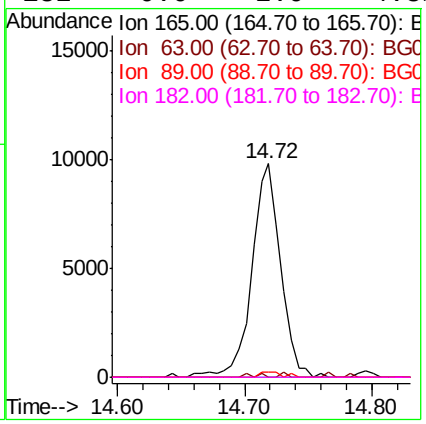


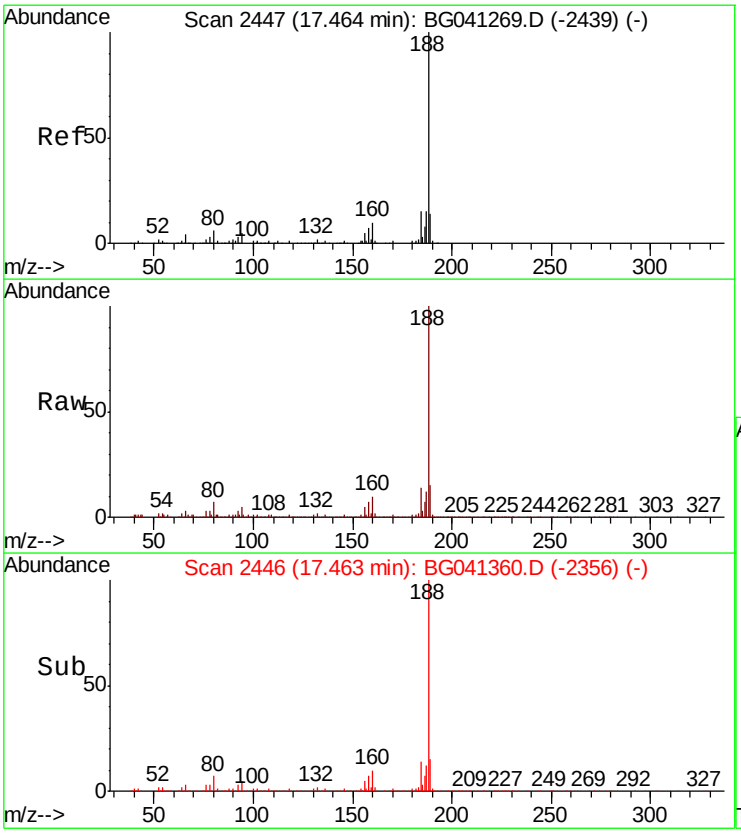
#57
2,4-Dinitrotoluene
Concen: 4.690 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15490

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.4	64.6	96.8#
182	0.0	2.9	4.3#

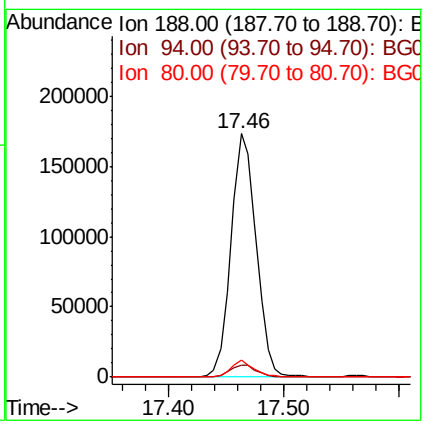


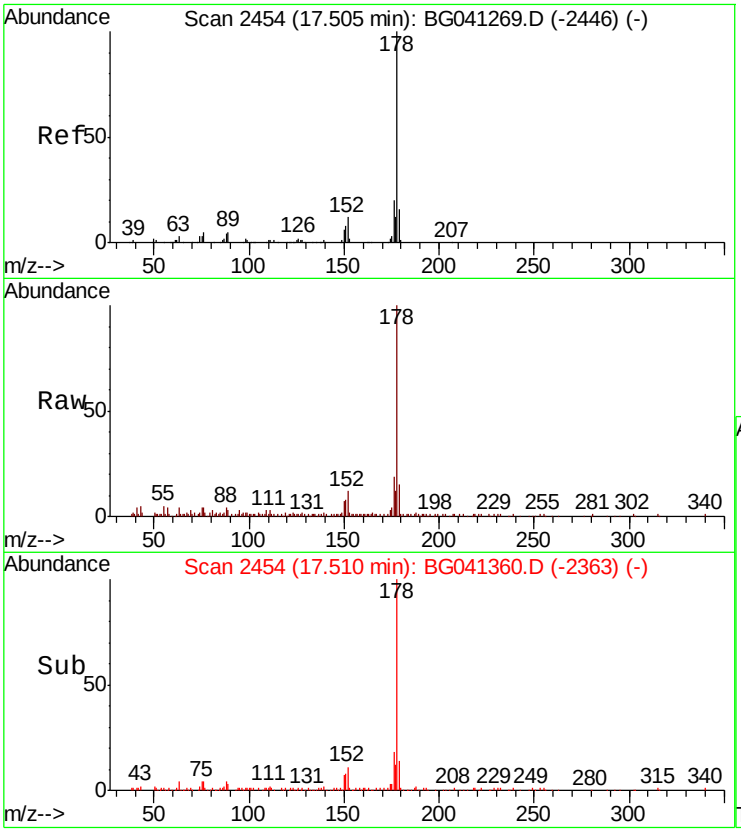


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:188 Resp: 260974

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	7.0	4.8	7.2



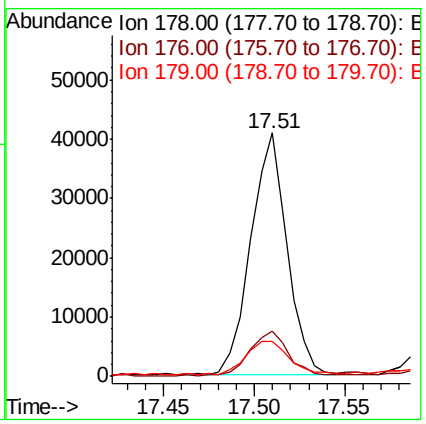


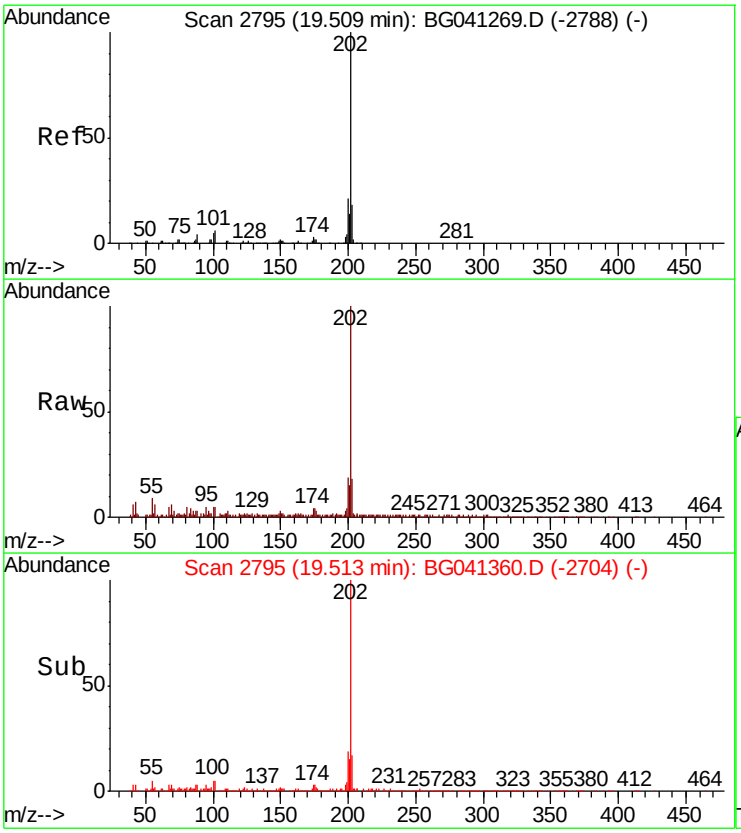
#71
Phenanthrene
Concen: 4.049 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 56354

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	14.6	12.9	19.3

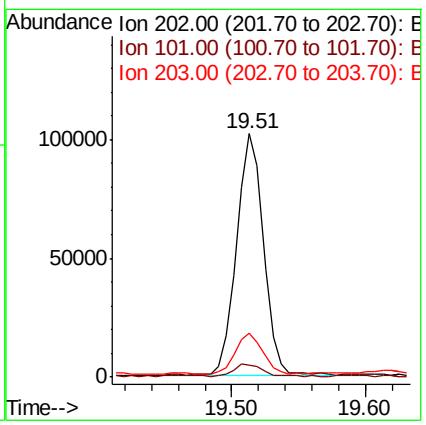


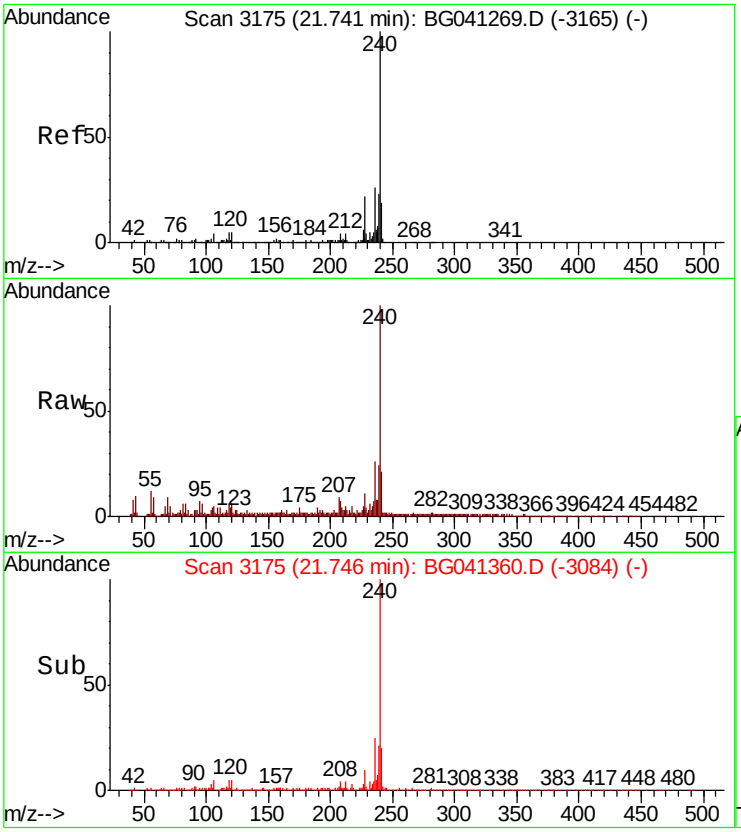


#75
Fluoranthene
Concen: 7.743 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:202 Resp: 143182

Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	26.0
203	18.0	0.0	37.7



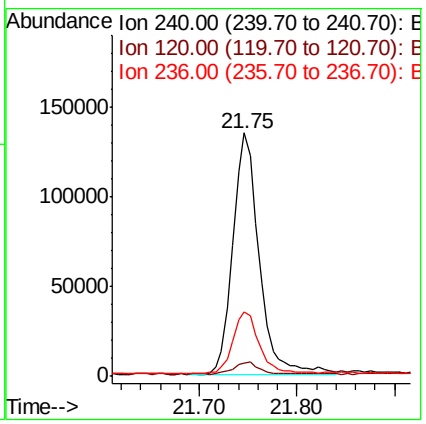


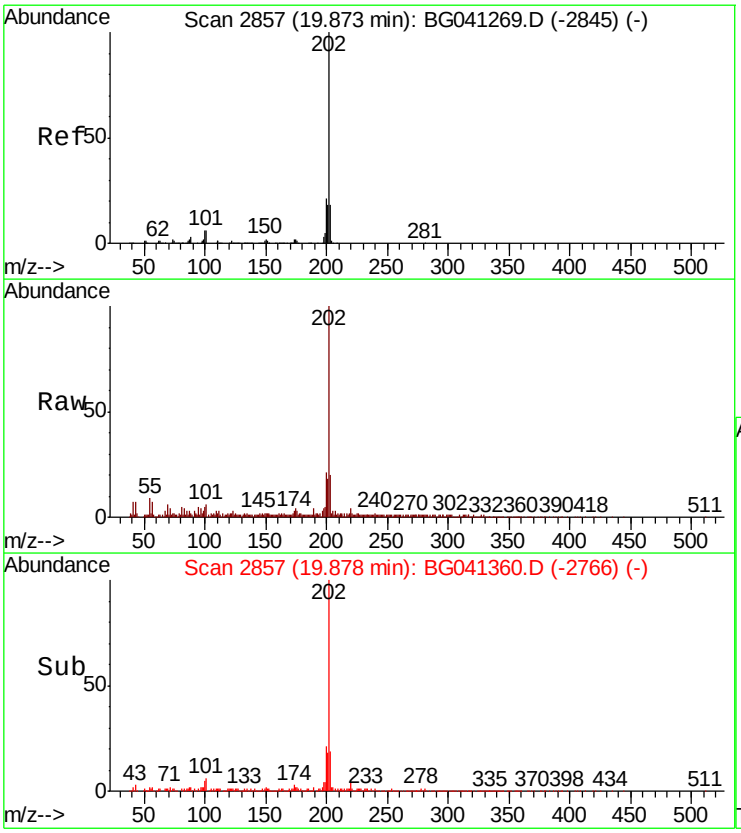
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 253544

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

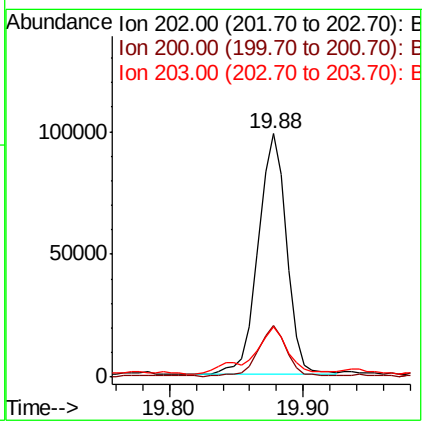


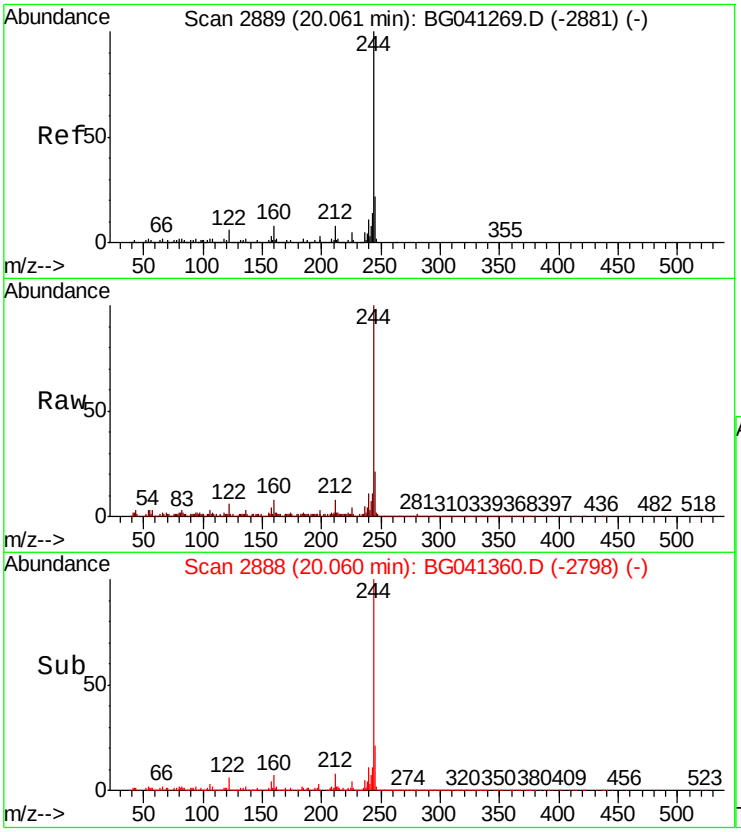


#78
Pyrene
Concen: 8.403 ng
RT: 19.88 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:202 Resp: 143693

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	20.5	14.6	21.8



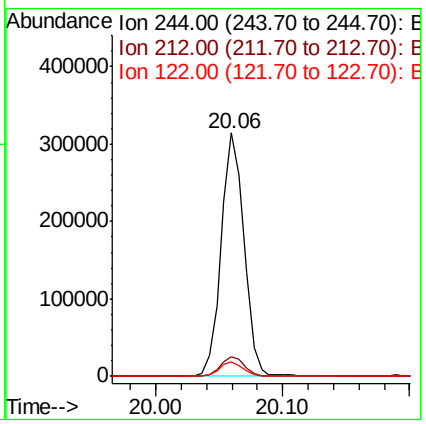


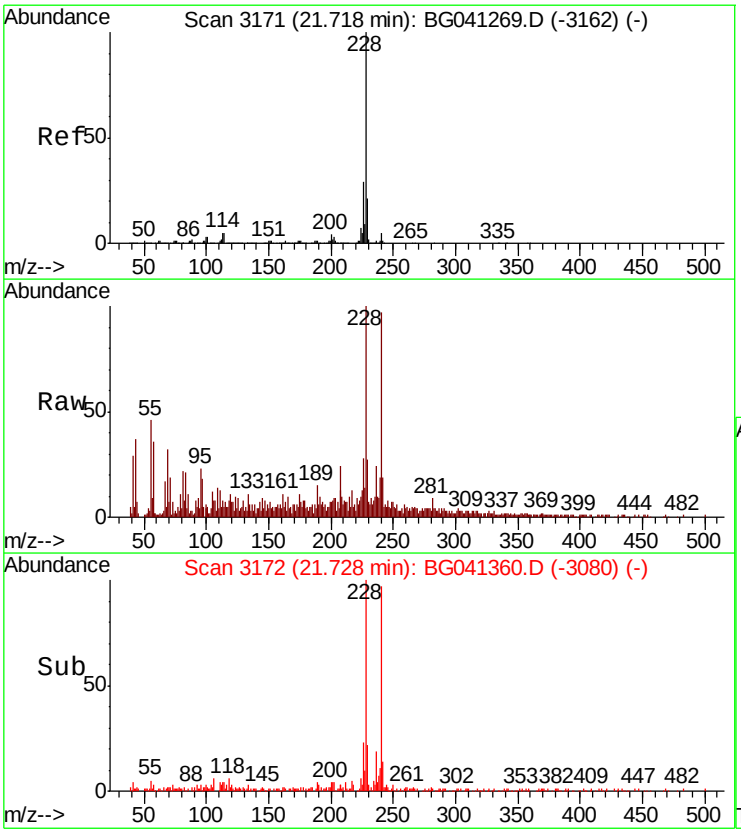
#79
Terphenyl-d14
Concen: 30.568 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 391083

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	6.1	5.0	7.4

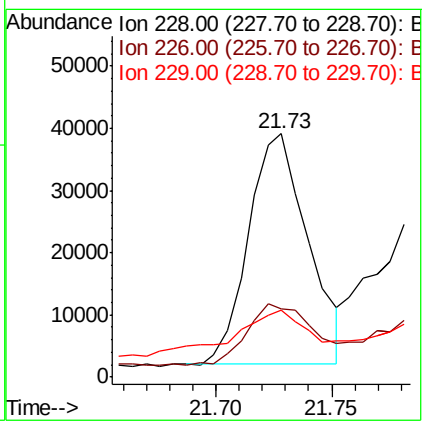


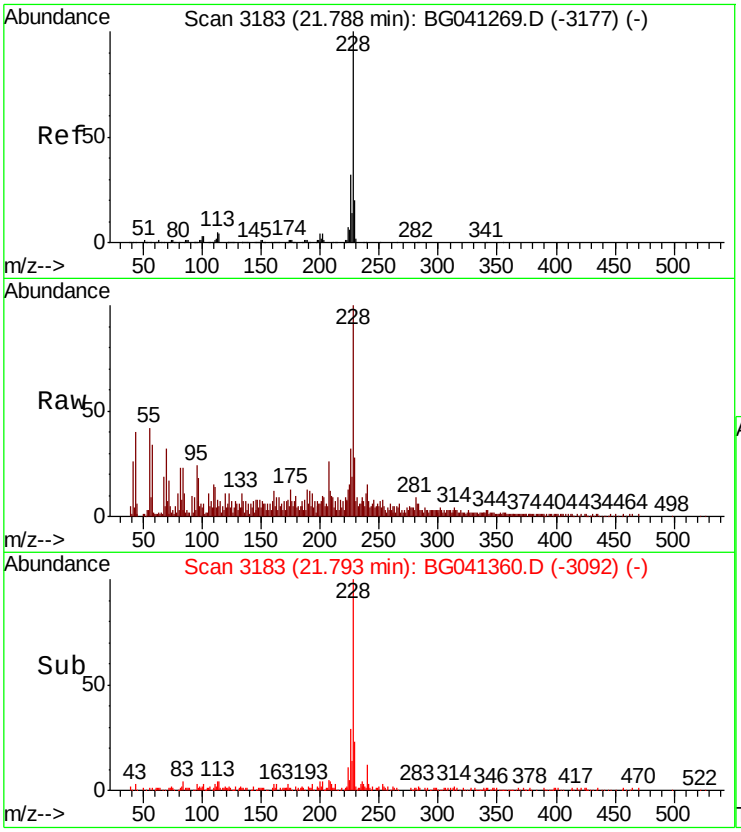


#81
Benzo(a)anthracene
Concen: 3.851 ng
RT: 21.73 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:228 Resp: 66105

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.2	34.8
229	27.3	16.8	25.2#



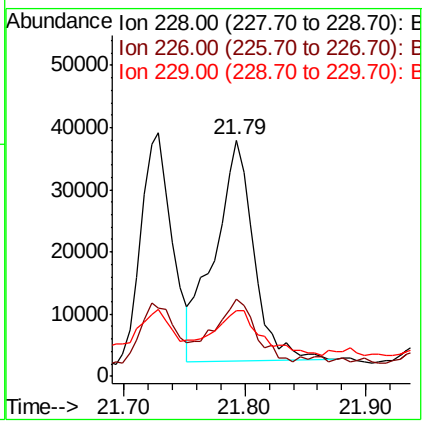


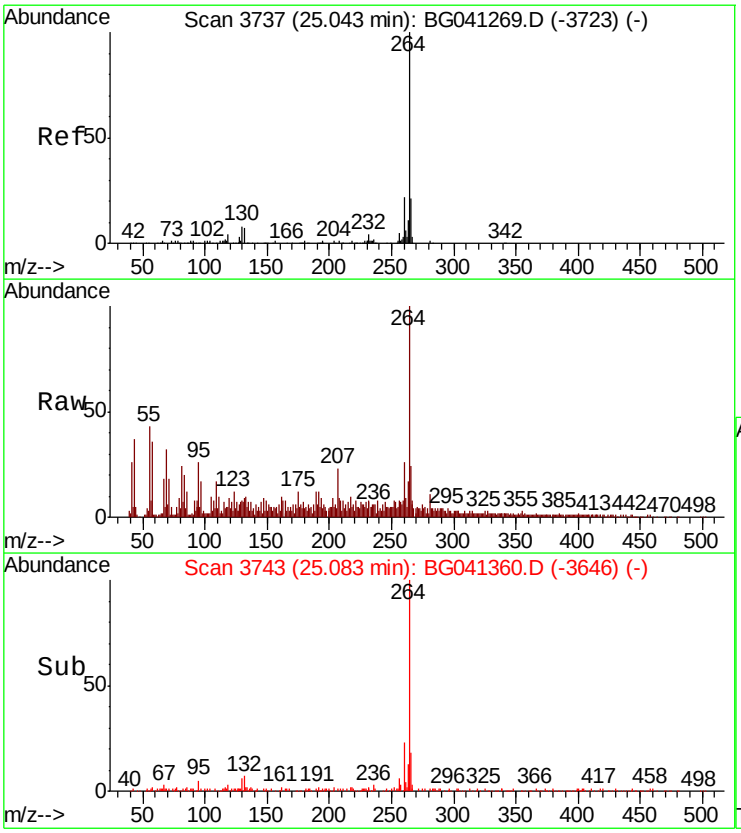
#83
Chrysene
Concen: 4.831 ng
RT: 21.79 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 79763

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.0
229	28.0	16.2	24.2#

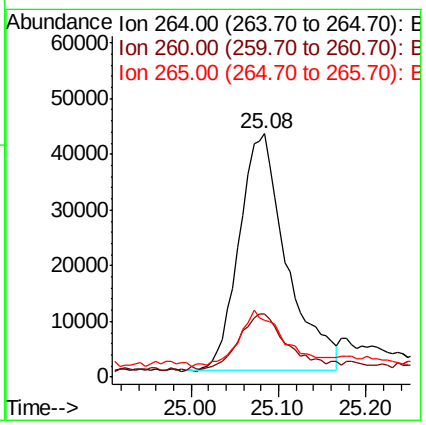


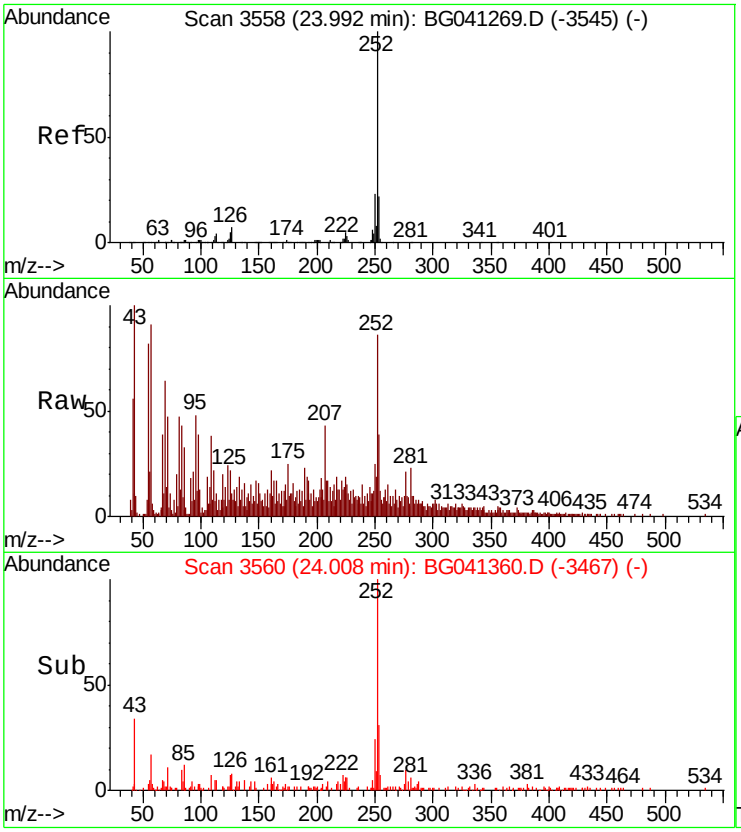


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. 0.04 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:264 Resp: 157292

Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.2
265	23.5	17.2	25.8



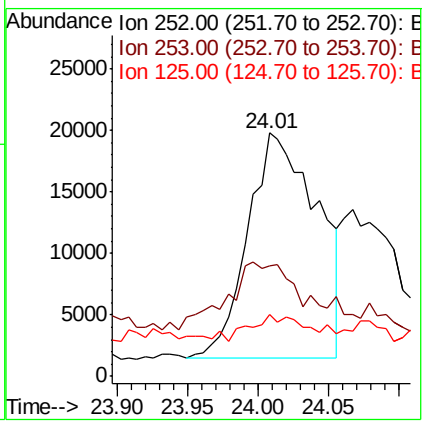


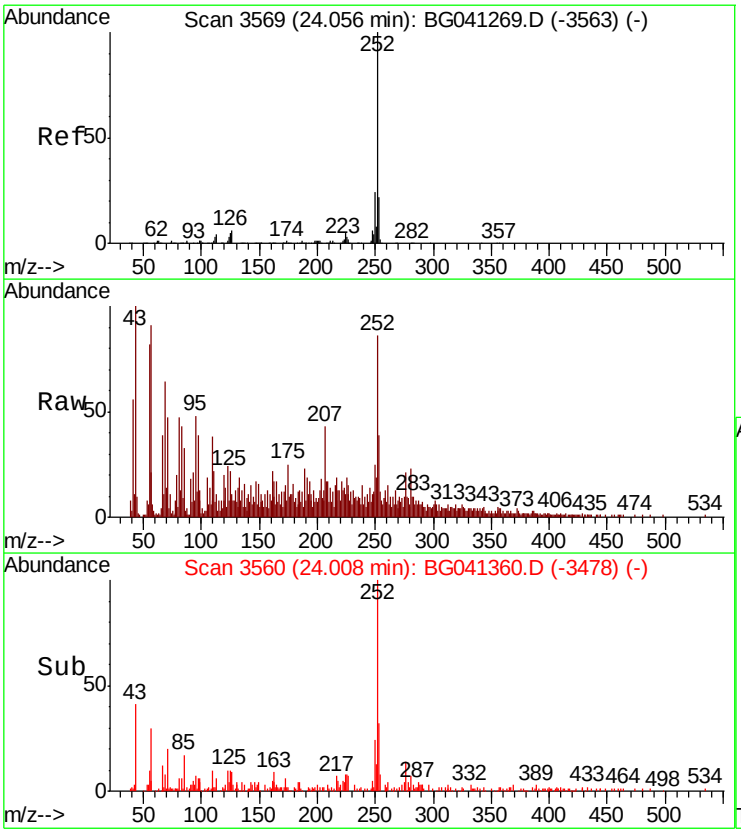
#88
Benzo(b)fluoranthene
Concen: 6.438 ng
RT: 24.01 min Scan# 3560
Delta R.T. 0.02 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 62761

Ion	Ratio	Lower	Upper
252	100		
253	45.4	17.4	26.0#
125	25.5	3.9	5.9#

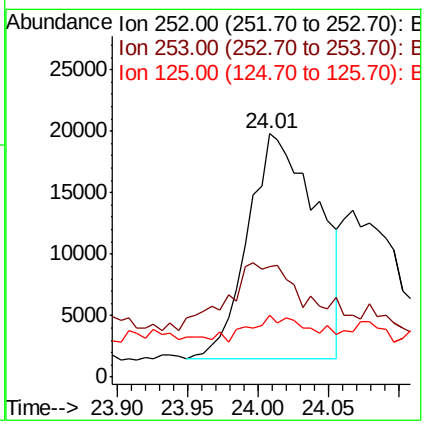


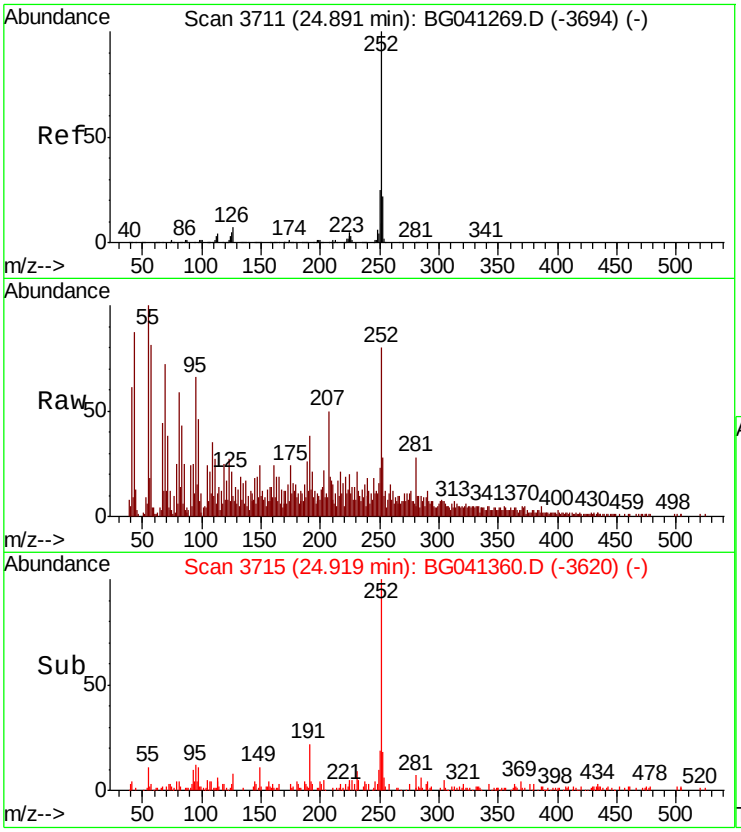


#89
Benzo(k)fluoranthene
Concen: 6.499 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.05 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Tgt Ion:252 Resp: 62761

Ion	Ratio	Lower	Upper
252	100		
253	45.4	18.0	27.0#
125	25.5	4.3	6.5#





#90
Benzo(a)pyrene
Concen: 4.103 ng
RT: 24.92 min Scan# 3715
Delta R.T. 0.03 min
Lab File: BG041360.D
Acq: 20 Jun 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 37777

Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.8	26.6#
125	26.6	4.2	6.4#