Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041359.D
Acq On : 20 Jun 2019 16:28
Operator : HP/JU
Sample : K3157-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 17:16:46 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	44675	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	172383	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	116289	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	263542	20.00	ng		0.00
76) Chrysene-d12	21.74	240	268741	20.00	ng		0.00
87) Perylene-d12	25.07	264	204223	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	122529	50.39	ng		0.00
7) Phenol-d6	7.24	99	181511	51.50	ng		0.00
23) Nitrobenzene-d5	9.26	82	131947	32.19	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	86109	48.23	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	299788	35.04	ng		0.00
79) Terphenyl-d14	20.06	244	452711	33.38	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	19155	6.720	ng	#	81
50) Dimethylphthalate	14.16	163	30197	2.918	ng	#	96
54) 2,4-Dinitrophenol	14.74	184	61	4.883	ng	#	13
56) 4-Nitrophenol	14.79	139	353	3.423	ng	#	32
71) Phenanthrene	17.51	178	349199	24.844	ng		99
72) Anthracene	17.60	178	87760	6.333	ng		98
75) Fluoranthene	19.52	202	566316	30.328	ng		98
78) Pyrene	19.88	202	489090	26.986	ng		98
81) Benzo(a)anthracene	21.73	228	272608	14.982	ng		99
83) Chrysene	21.79	228	233066	13.319	ng		97
86) Indeno(1,2,3-cd)pyrene	28.89	276	61474	2.961	ng	#	92
88) Benzo(b)fluoranthene	24.01	252	209517	16.554	ng	#	86
89) Benzo(k)fluoranthene	24.01	252	209517	16.711	ng	#	87
90) Benzo(a)pyrene	24.92	252	150190	12.565	ng	#	92
92) Benzo(g,h,i)perylene	30.10	276	52236	4.392	ng	#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041359.D
Acq On : 20 Jun 2019 16:28
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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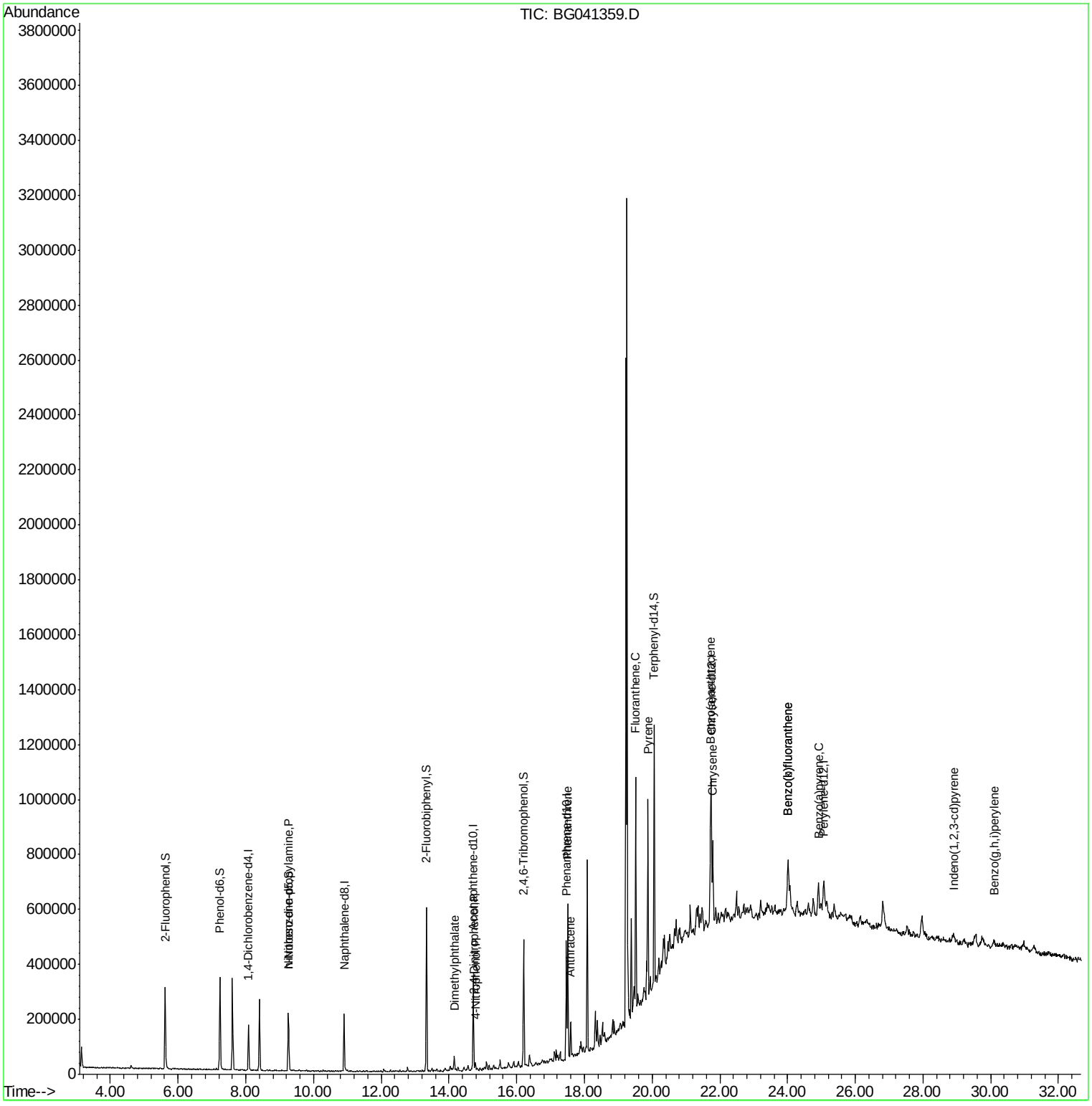
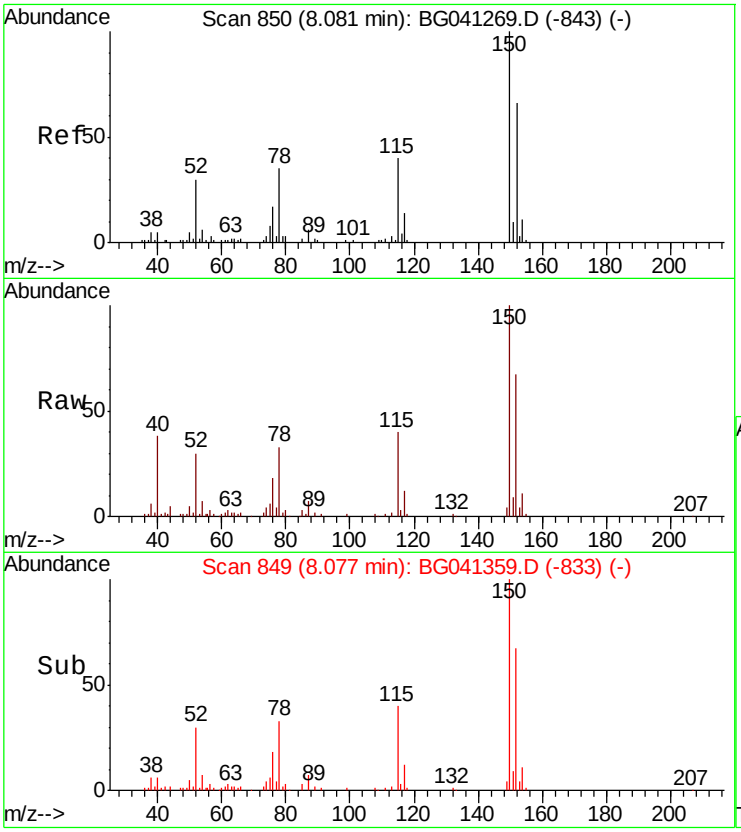
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration



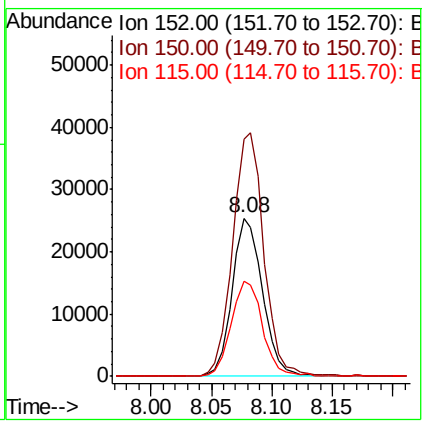


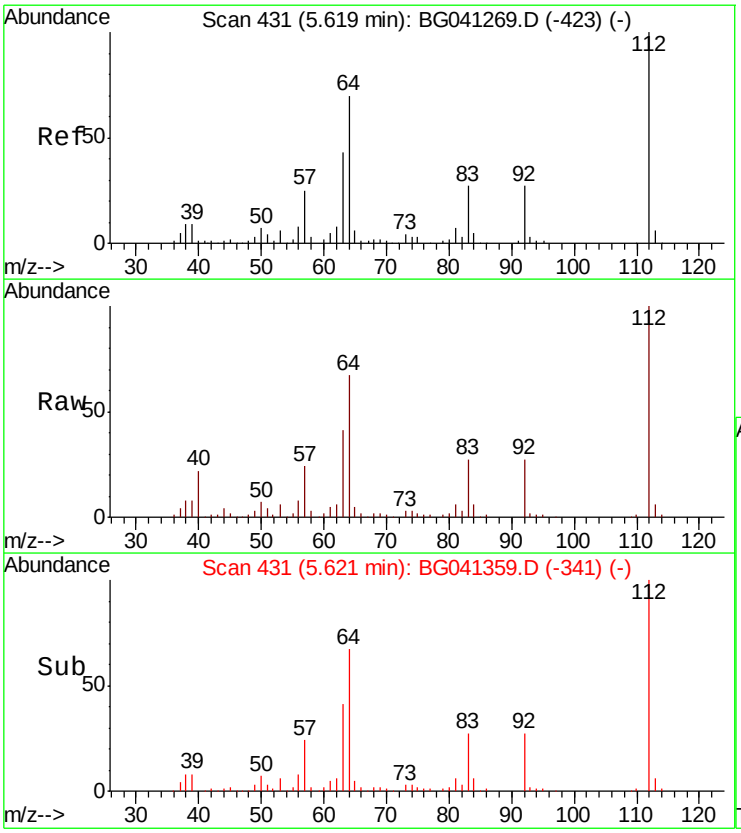
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44675

Ion	Ratio	Lower	Upper
152	100		
150	150.0	120.6	181.0
115	60.3	47.9	71.9

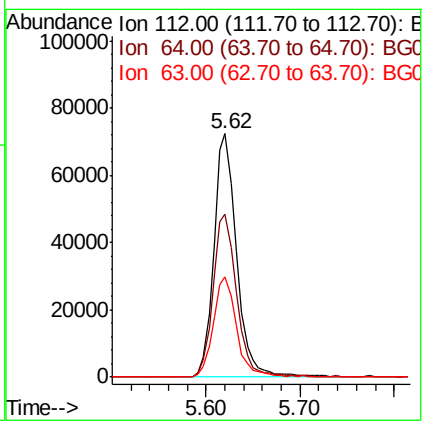


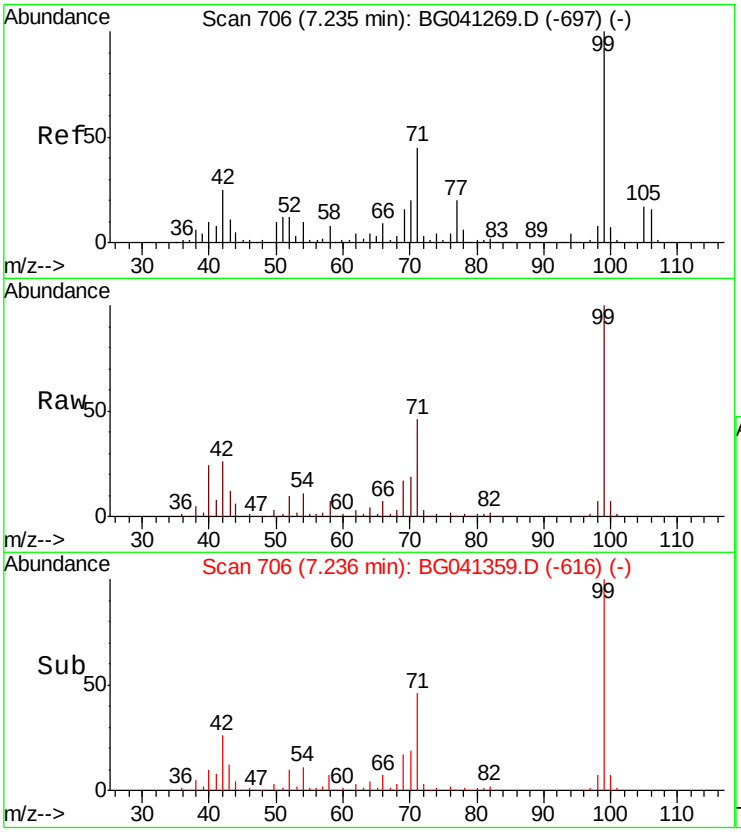


#5
2-Fluorophenol
Concen: 50.394 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:112 Resp: 122529

Ion	Ratio	Lower	Upper
112	100		
64	66.8	55.9	83.9
63	40.9	34.6	51.8



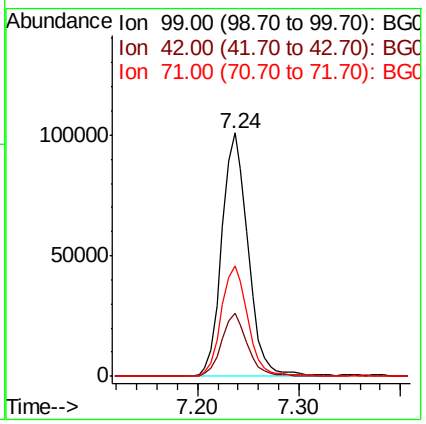


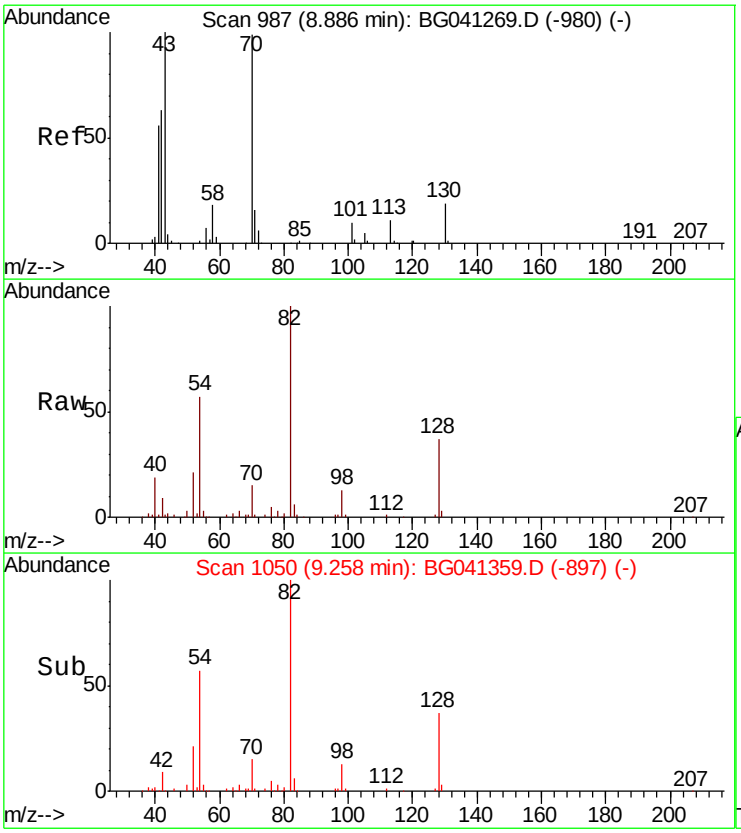
#7
Phenol-d6
Concen: 51.502 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 181511

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.9	29.9
71	45.6	36.4	54.6

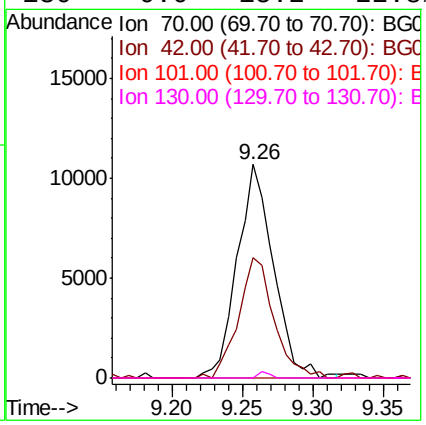


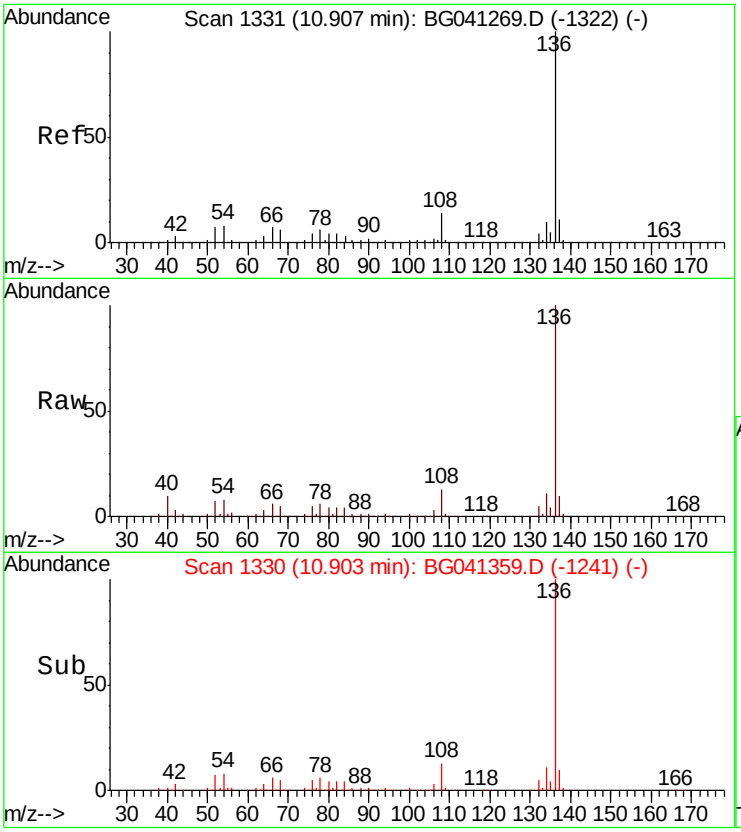


#19
n-Nitroso-di-n-propylamine
Concen: 6.720 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.37 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion: 70 Resp: 19155

Ion	Ratio	Lower	Upper
70	100		
42	56.3	51.4	77.2
101	0.0	8.2	12.2#
130	0.0	15.2	22.8#



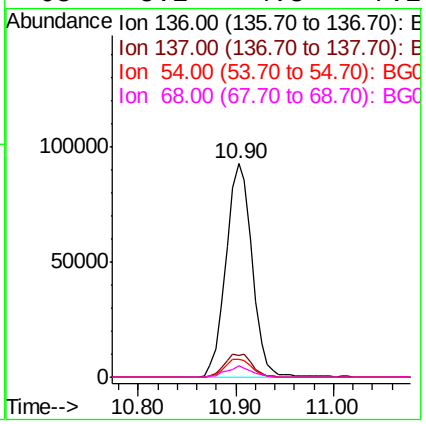


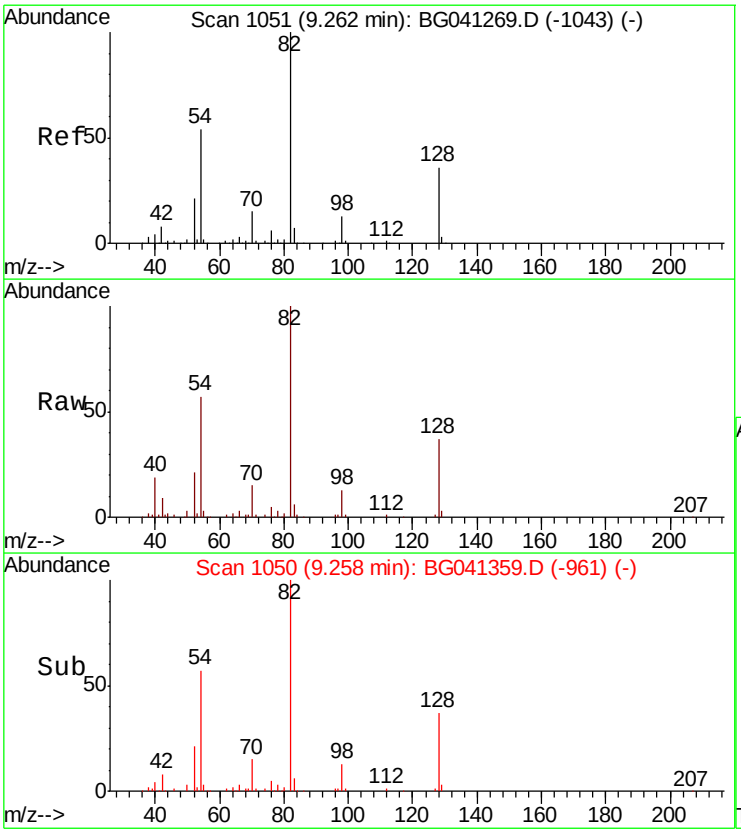
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 172383

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	8.3	6.4	9.6
68	5.2	4.8	7.2

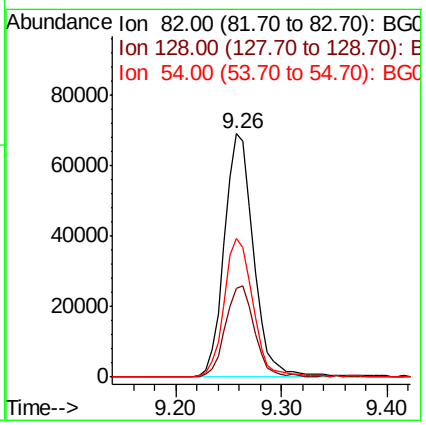


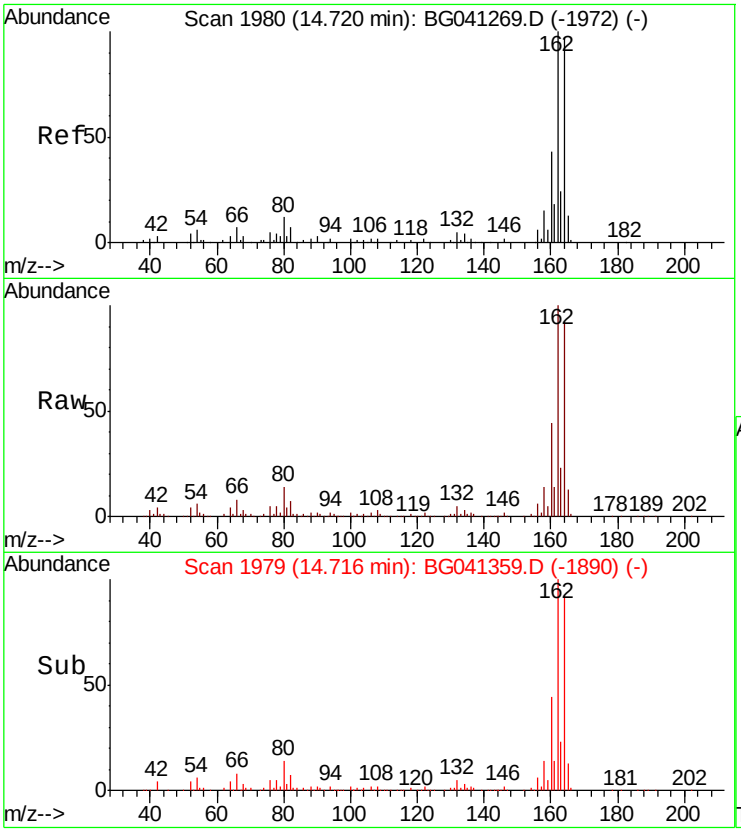


#23
Nitrobenzene-d5
Concen: 32.191 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion: 82 Resp: 131947

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.2	43.8
54	56.8	43.4	65.0



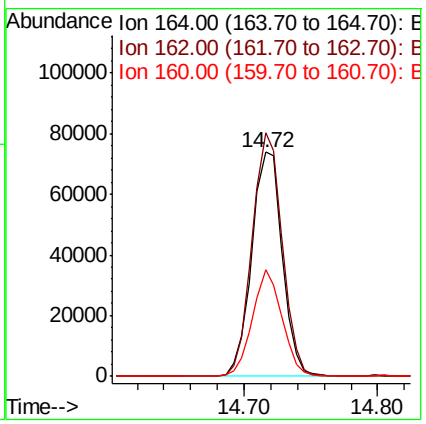


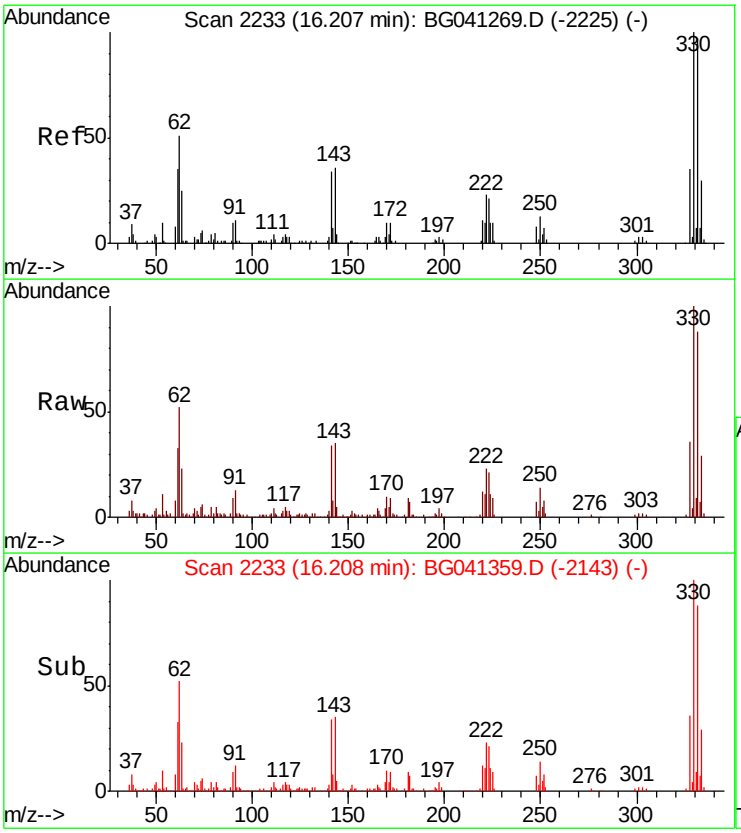
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 116289

Ion	Ratio	Lower	Upper
164	100		
162	108.7	82.8	124.2
160	47.6	35.8	53.8

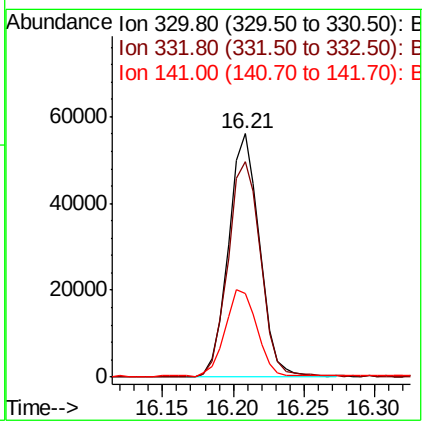


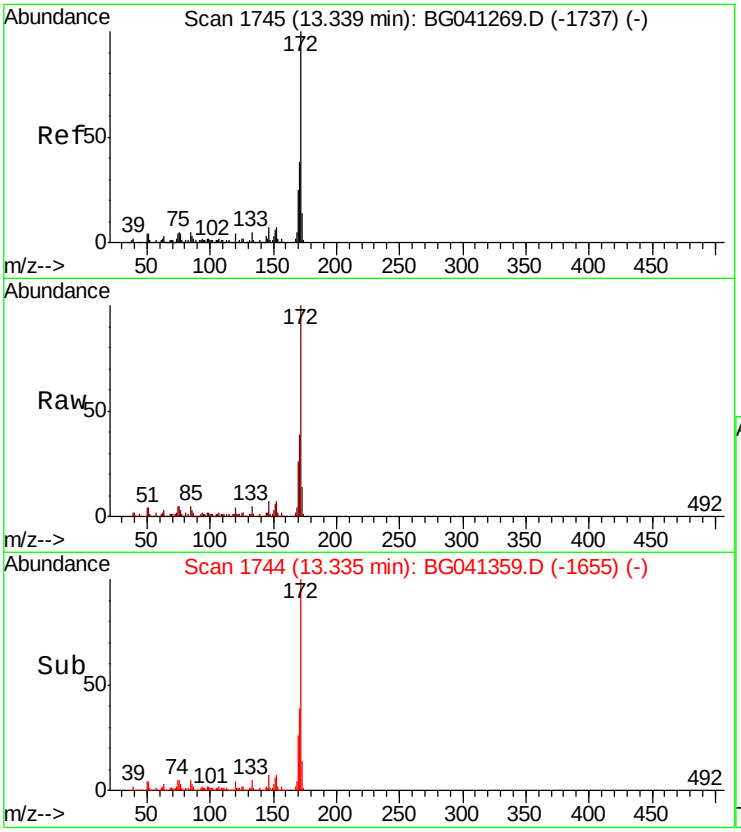


#42
2,4,6-Tribromophenol
Concen: 48.232 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:330 Resp: 86109

Ion	Ratio	Lower	Upper
330	100		
332	92.8	75.5	113.3
141	38.2	29.0	43.4



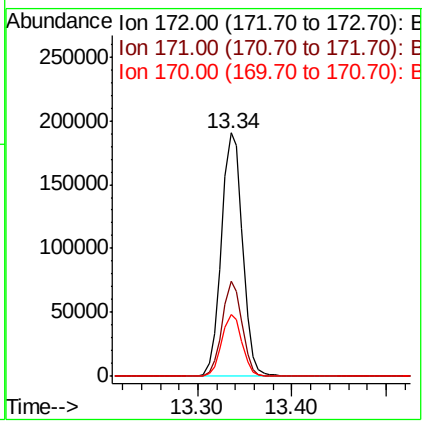


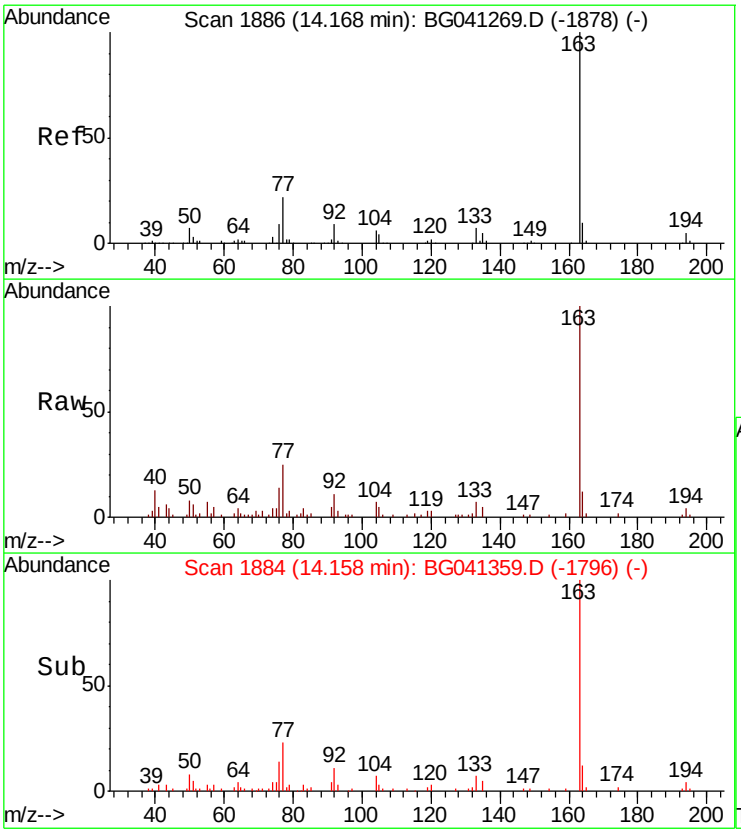
#45
2-Fluorobiphenyl
Concen: 35.038 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 299788

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.6	19.8	29.6

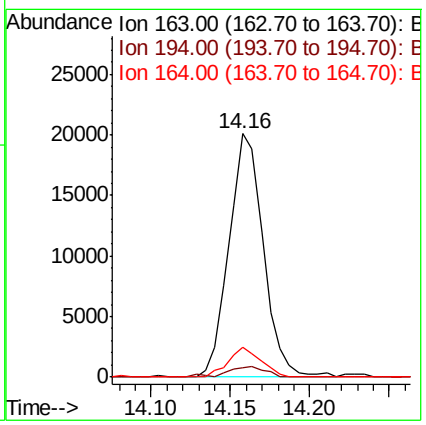


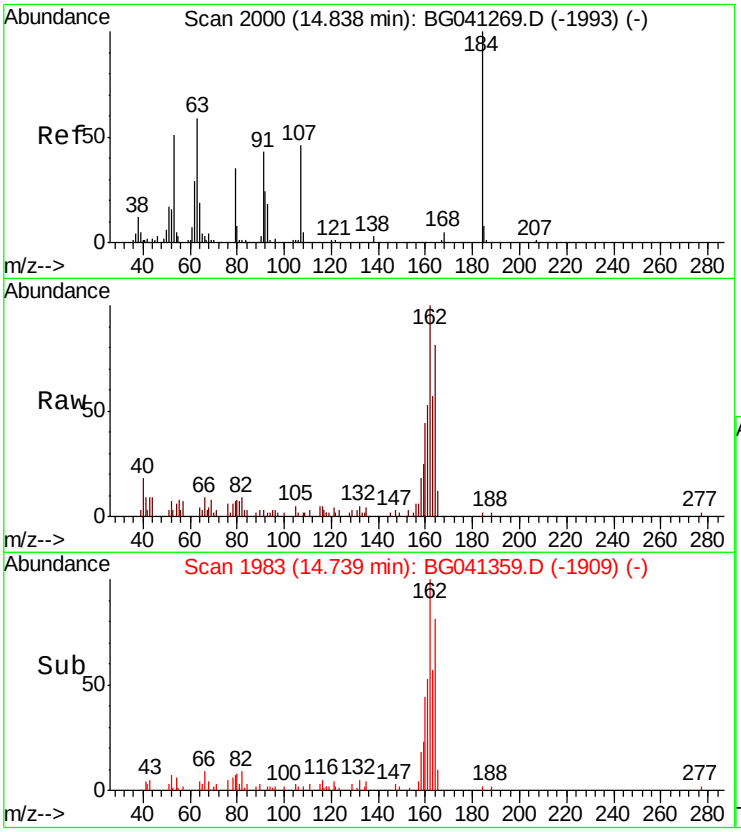


#50
Dimethylphthalate
Concen: 2.918 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:163 Resp: 30197

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.9	5.9#
164	12.1	8.3	12.5



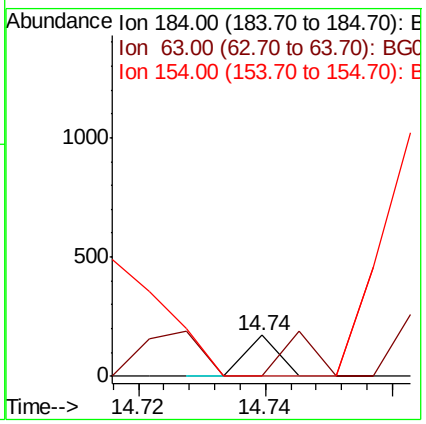


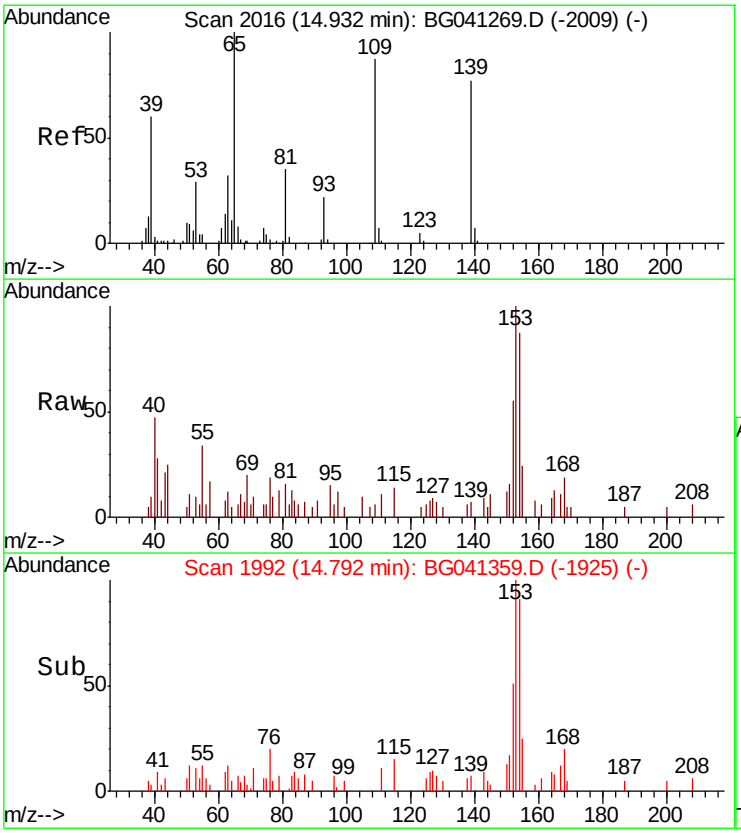
#54
2,4-Dinitrophenol
Concen: 4.883 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.10 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 61

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

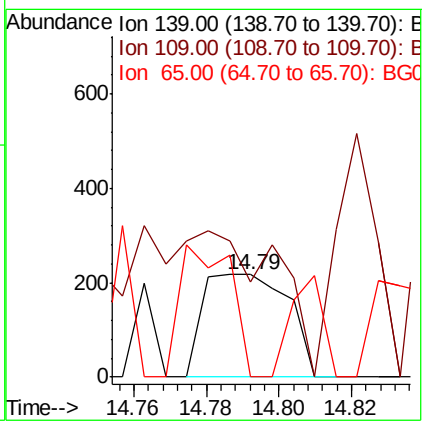


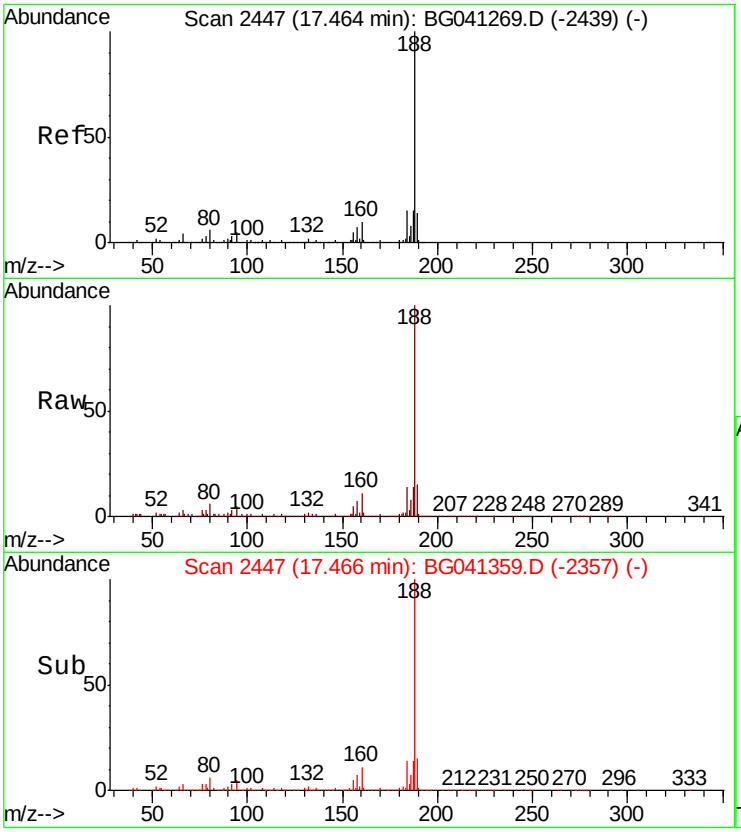


#56
4-Nitrophenol
Concen: 3.423 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.14 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:139 Resp: 353

Ion	Ratio	Lower	Upper
139	100		
109	93.1	93.2	133.2#
65	0.0	110.2	150.2#



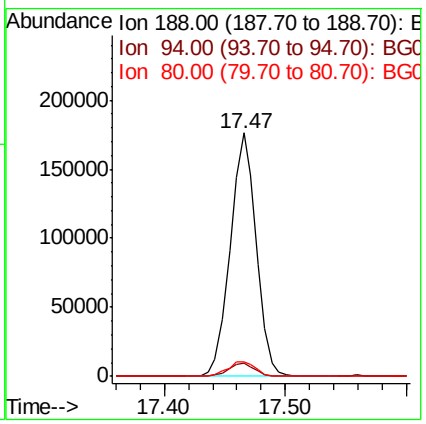


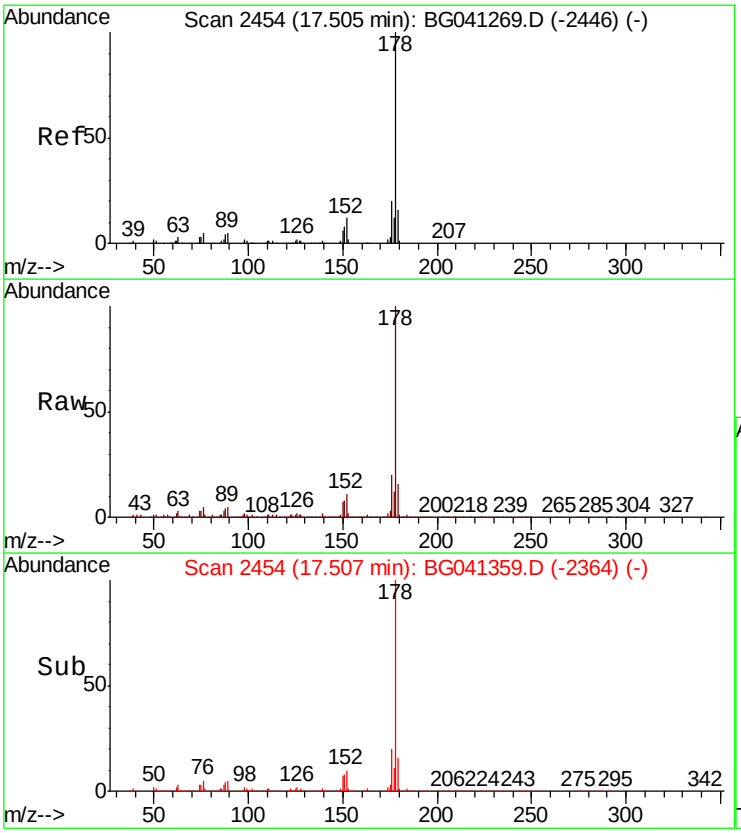
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 263542

Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.6	5.4#
80	6.1	4.8	7.2

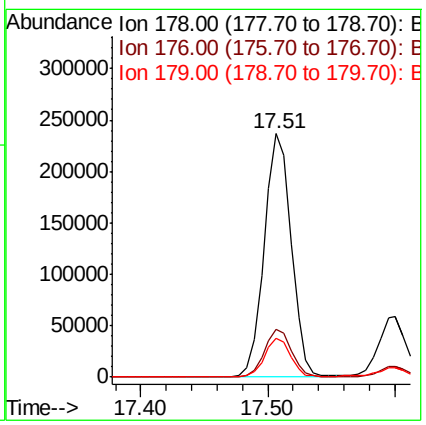


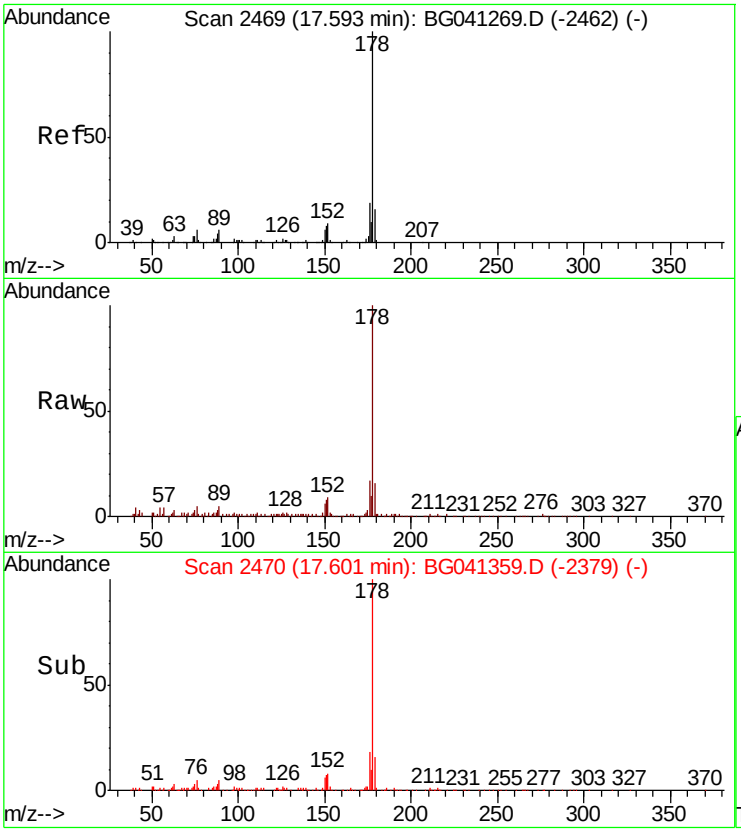


#71
Phenanthrene
Concen: 24.844 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:178 Resp: 349199

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.7	12.9	19.3



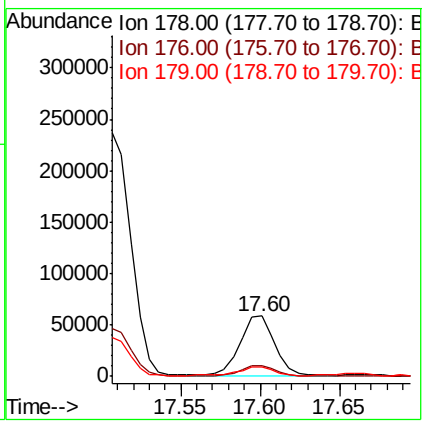


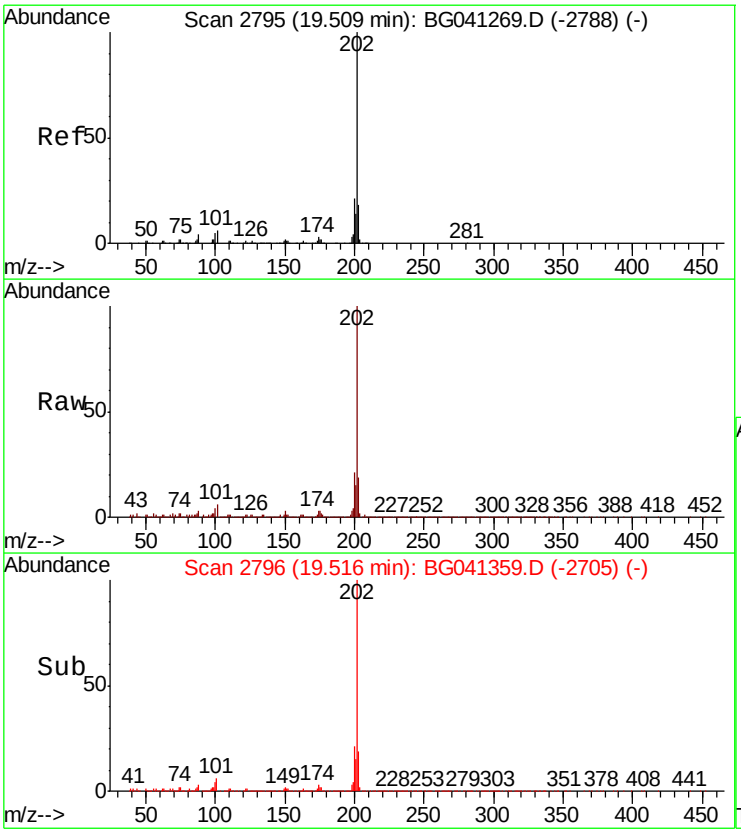
#72
Anthracene
Concen: 6.333 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 87760

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	16.2	13.0	19.4

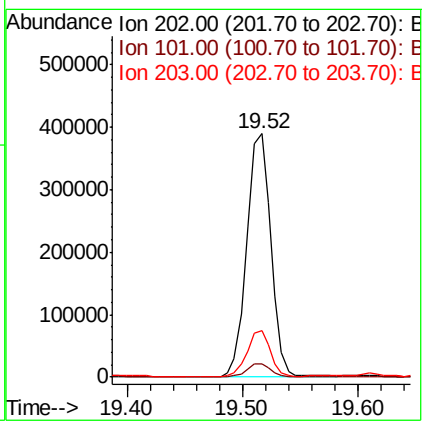


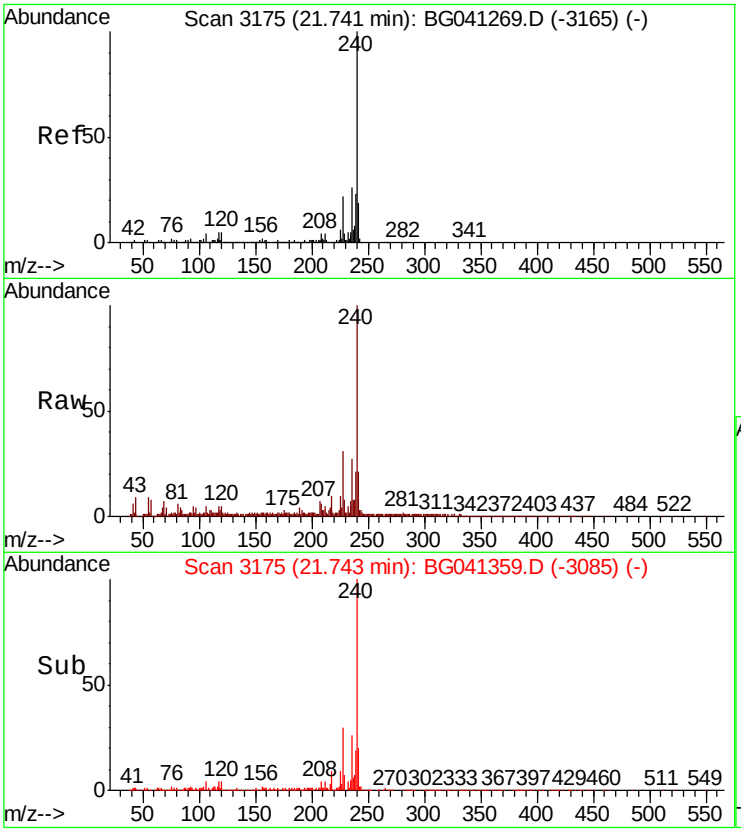


#75
Fluoranthene
Concen: 30.328 ng
RT: 19.52 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:202 Resp: 566316

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	26.0
203	18.9	0.0	37.7



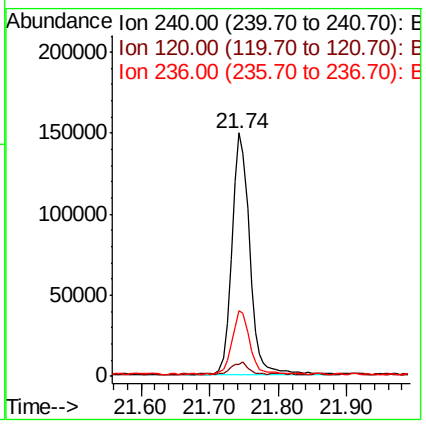


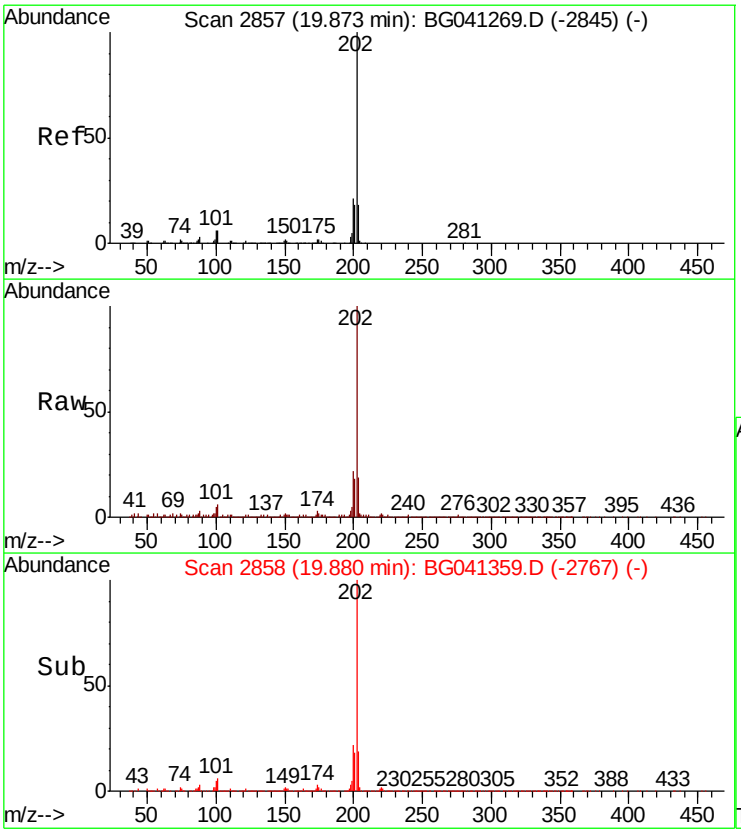
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 268741

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.7	5.5
236	26.9	21.1	31.7

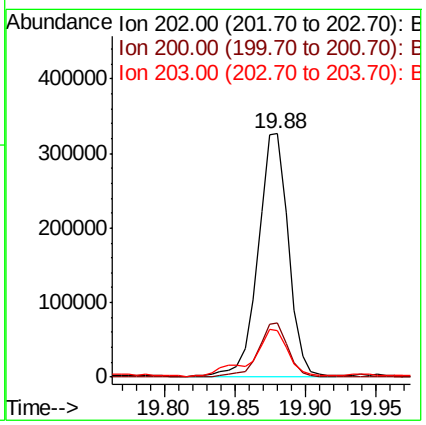


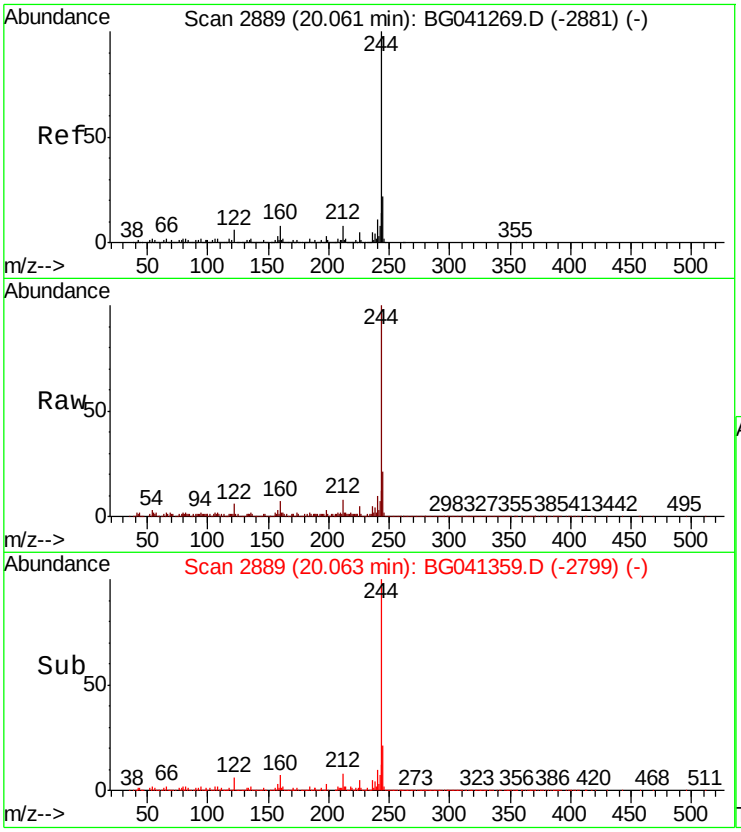


#78
Pyrene
Concen: 26.986 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:202 Resp: 489090

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.8	25.2
203	18.9	14.6	21.8



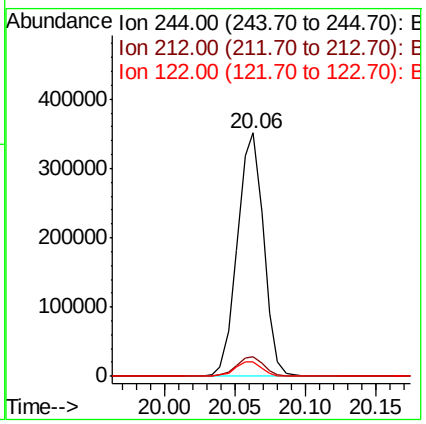


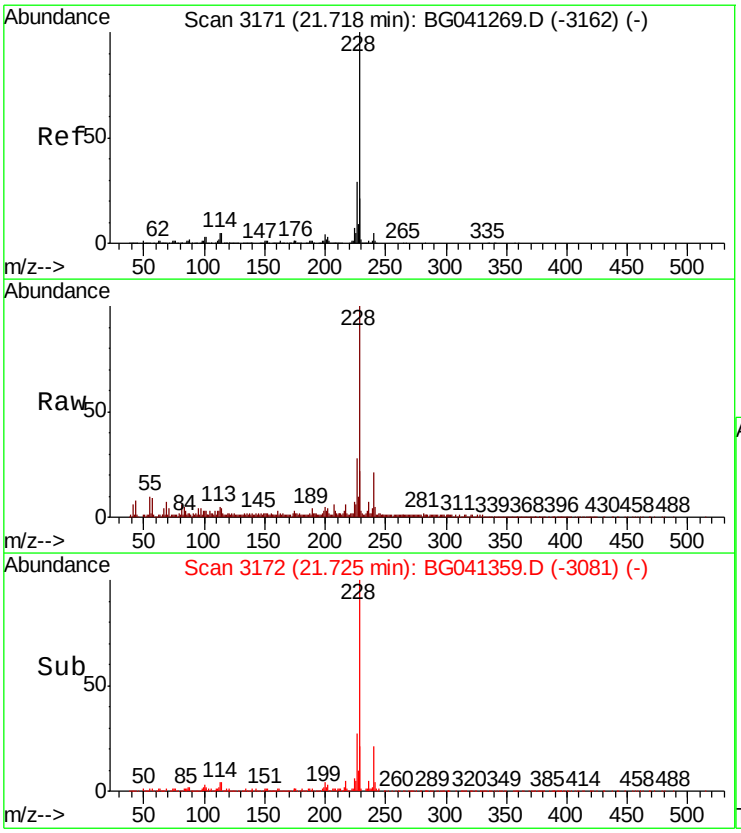
#79
Terphenyl-d14
Concen: 33.385 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 452711

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	5.9	5.0	7.4

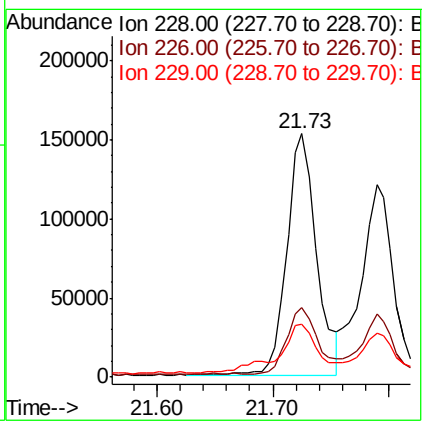


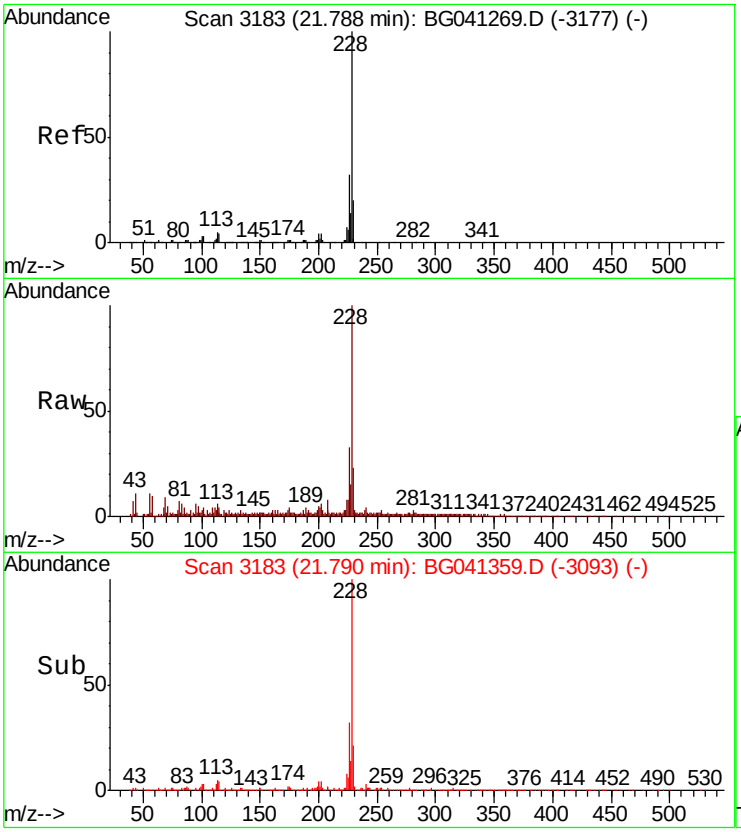


#81
Benzo(a)anthracene
Concen: 14.982 ng
RT: 21.73 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:228 Resp: 272608

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.2	34.8
229	21.6	16.8	25.2



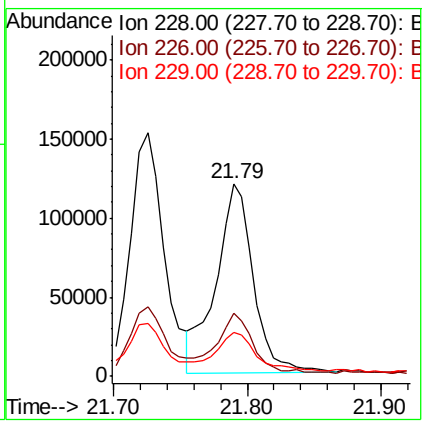


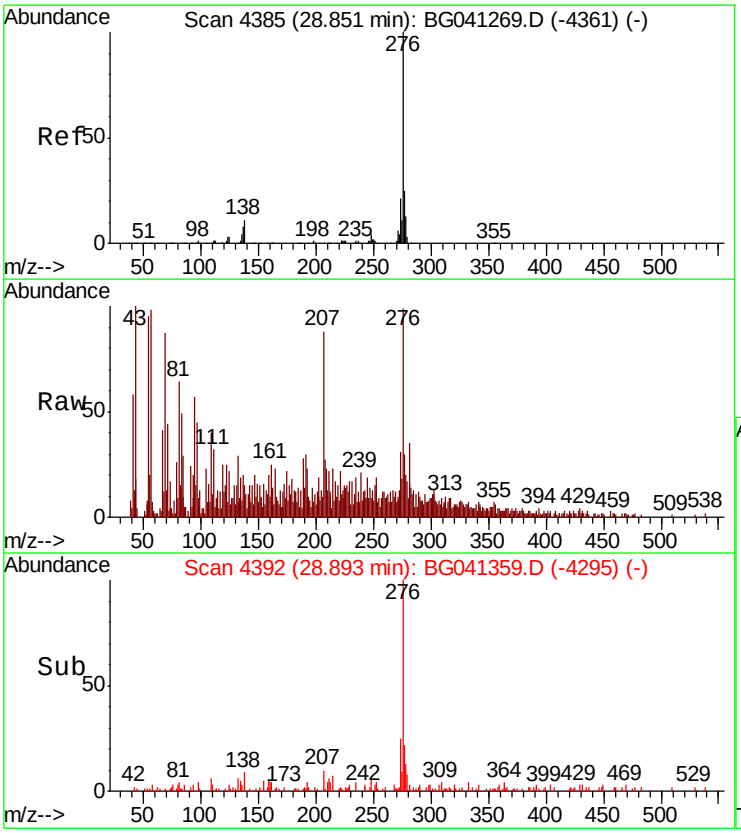
#83
Chrysene
Concen: 13.319 ng
RT: 21.79 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 233066

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	22.8	16.2	24.2

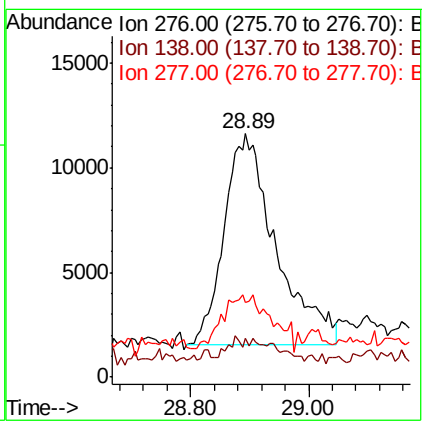


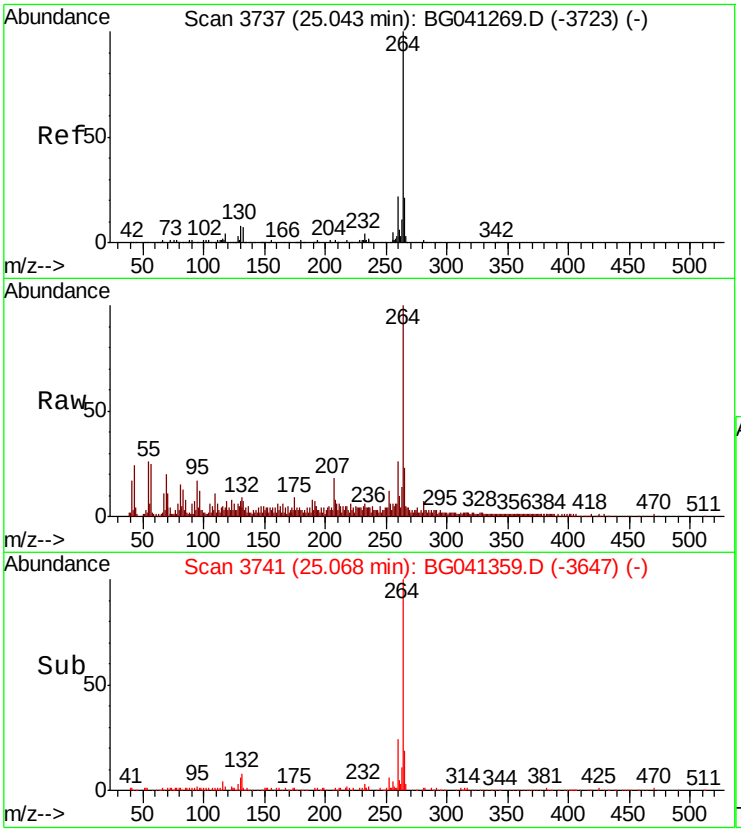


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.961 ng
RT: 28.89 min Scan# 4392
Delta R.T. 0.04 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:276 Resp: 61474

Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.7	11.5#
277	26.3	20.6	31.0



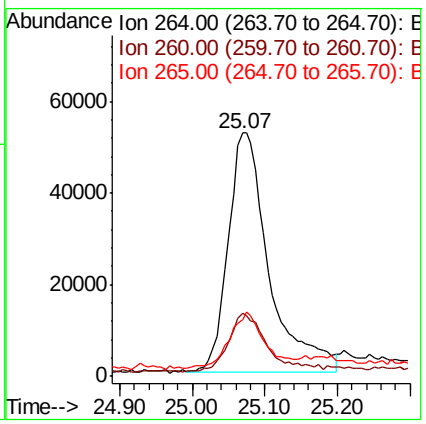


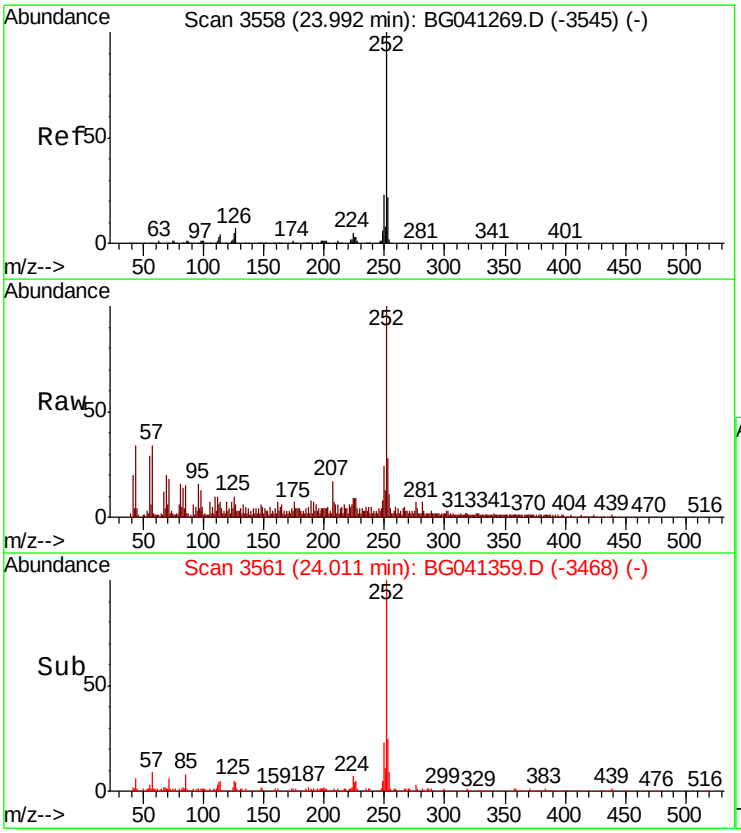
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3741
Delta R.T. 0.03 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 204223

Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.2
265	23.3	17.2	25.8

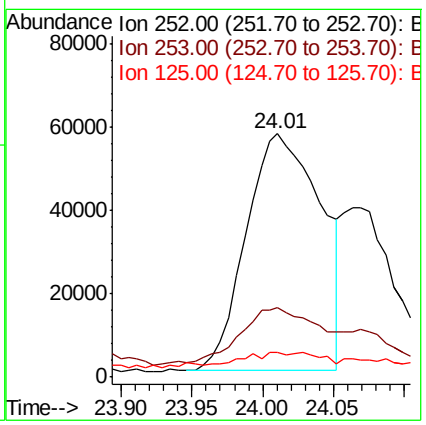


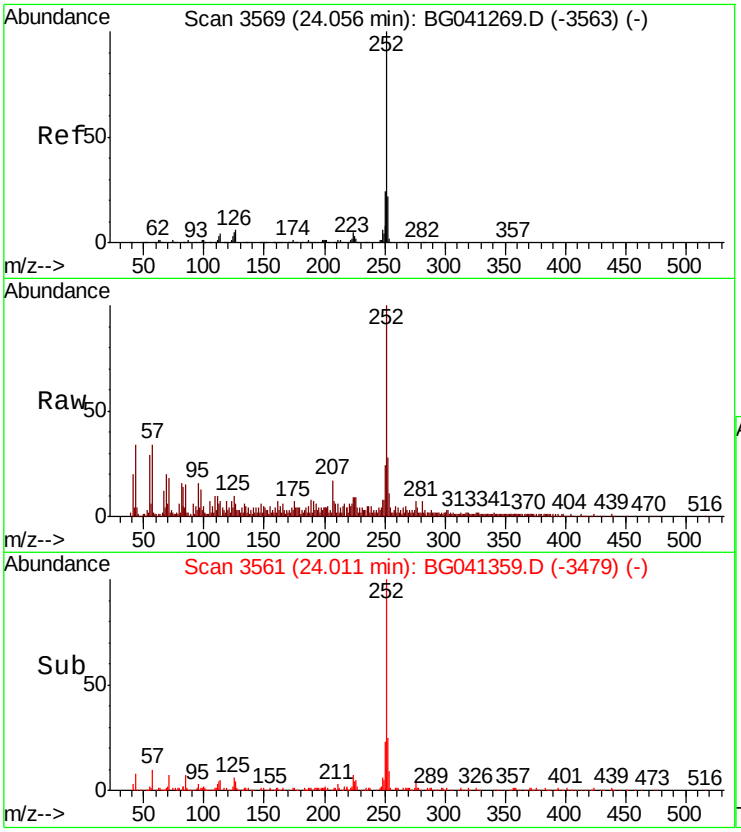


#88
Benzo(b)fluoranthene
Concen: 16.554 ng
RT: 24.01 min Scan# 3561
Delta R.T. 0.02 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:252 Resp: 209517

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.4	26.0#
125	10.2	3.9	5.9#



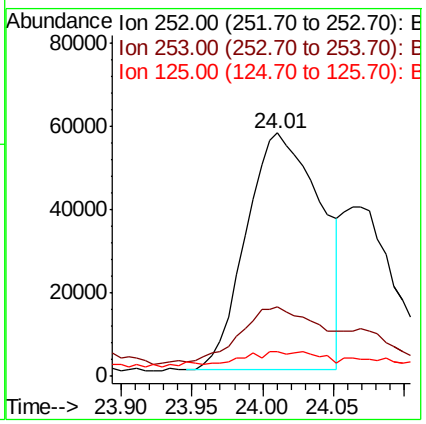


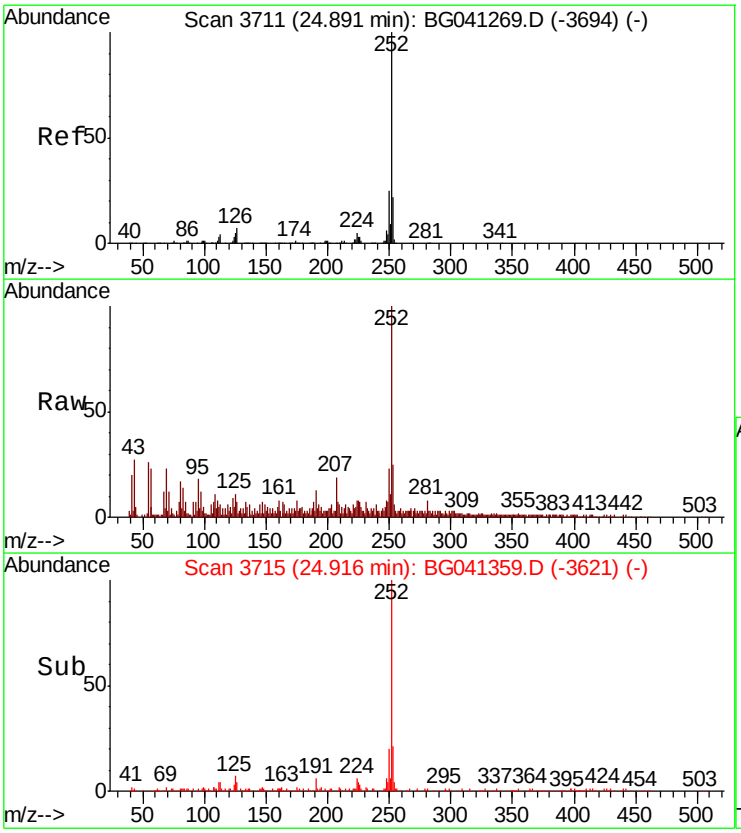
#89
Benzo(k)fluoranthene
Concen: 16.711 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.05 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 209517

Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.0	27.0#
125	10.2	4.3	6.5#

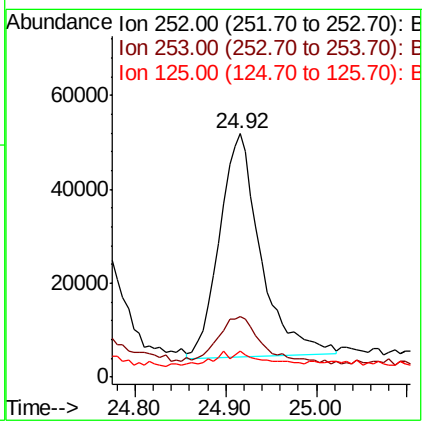


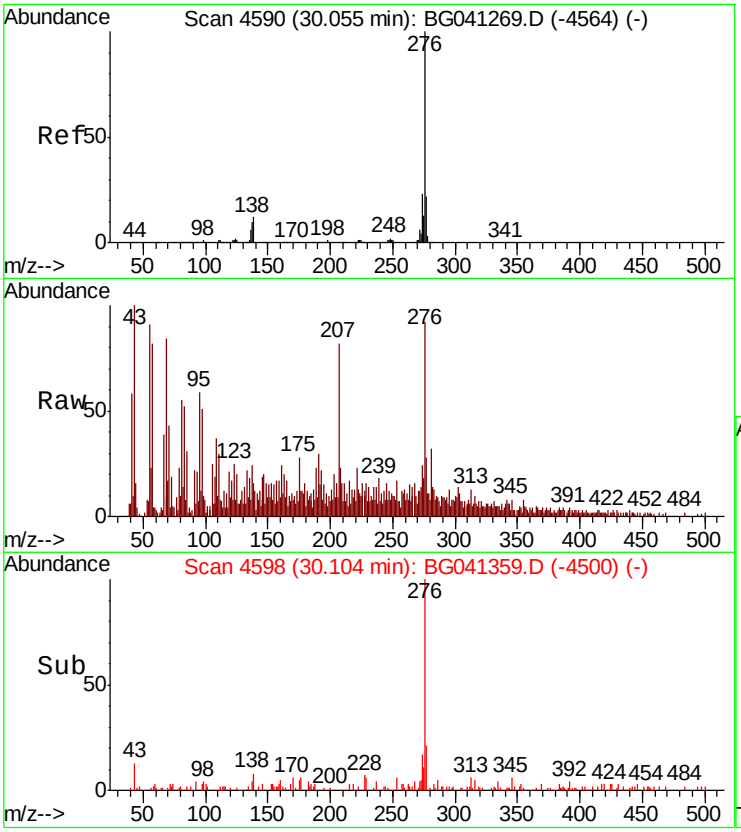


#90
Benzo(a)pyrene
Concen: 12.565 ng
RT: 24.92 min Scan# 3715
Delta R.T. 0.03 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Tgt Ion:252 Resp: 150190

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	10.9	4.2	6.4#





#92
Benzo(g,h,i)perylene
Concen: 4.392 ng
RT: 30.10 min Scan# 4598
Delta R.T. 0.05 min
Lab File: BG041359.D
Acq: 20 Jun 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 52236

Ion	Ratio	Lower	Upper
276	100		
277	30.8	17.9	26.9#
138	17.2	9.4	14.0#