Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 16:34:28 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	44060	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	165226	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	105096	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	250758	20.00	ng		0.00
76) Chrysene-d12	21.75	240	269107	20.00	ng		0.00
87) Perylene-d12	25.08	264	204103	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	121518	50.68	ng		0.00
7) Phenol-d6	7.24	99	181536	52.23	ng		0.00
23) Nitrobenzene-d5	9.26	82	130560	33.23	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	83726	51.89	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	275736	35.66	ng		0.00
79) Terphenyl-d14	20.06	244	444259	32.72	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	19581	6.965	ng	#	90
31) Naphthalene	10.95	128	49707	5.535	ng		98
37) 2-Methylnaphthalene	12.55	142	50166	7.585	ng		98
38) 1-Methylnaphthalene	12.77	142	61215	9.674	ng		99
49) Acenaphthylene	14.45	152	71989	6.935	ng	#	95
50) Dimethylphthalate	14.16	163	28842	3.084	ng		98
52) Acenaphthene	14.78	154	37979	6.231	ng		96
54) 2,4-Dinitrophenol	14.90	184	57	4.884	ng	#	1
55) Dibenzofuran	15.12	168	35882	3.386	ng	#	94
56) 4-Nitrophenol	14.92	139	2524	4.857	ng	#	66
58) Fluorene	15.76	166	88634	10.632	ng		99
71) Phenanthrene	17.51	178	662442	49.533	ng		99
72) Anthracene	17.60	178	194091	14.721	ng		98
73) Carbazole	17.87	167	24713	2.143	ng	#	93
75) Fluoranthene	19.52	202	1170778	65.895	ng		95
78) Pyrene	19.89	202	1399081	77.090	ng		94
81) Benzo(a)anthracene	21.73	228	682852	37.476	ng		98
83) Chrysene	21.80	228	657293	37.511	ng		96
86) Indeno(1,2,3-cd)pyrene	28.89	276	186892	8.990	ng		96
88) Benzo(b)fluoranthene	24.01	252	650773	51.449	ng	#	95
89) Benzo(k)fluoranthene	24.01	252	650773	51.935	ng		96
90) Benzo(a)pyrene	24.92	252	495536	41.482	ng	#	95
92) Benzo(g,h,i)perylene	30.09	276	148130	12.463	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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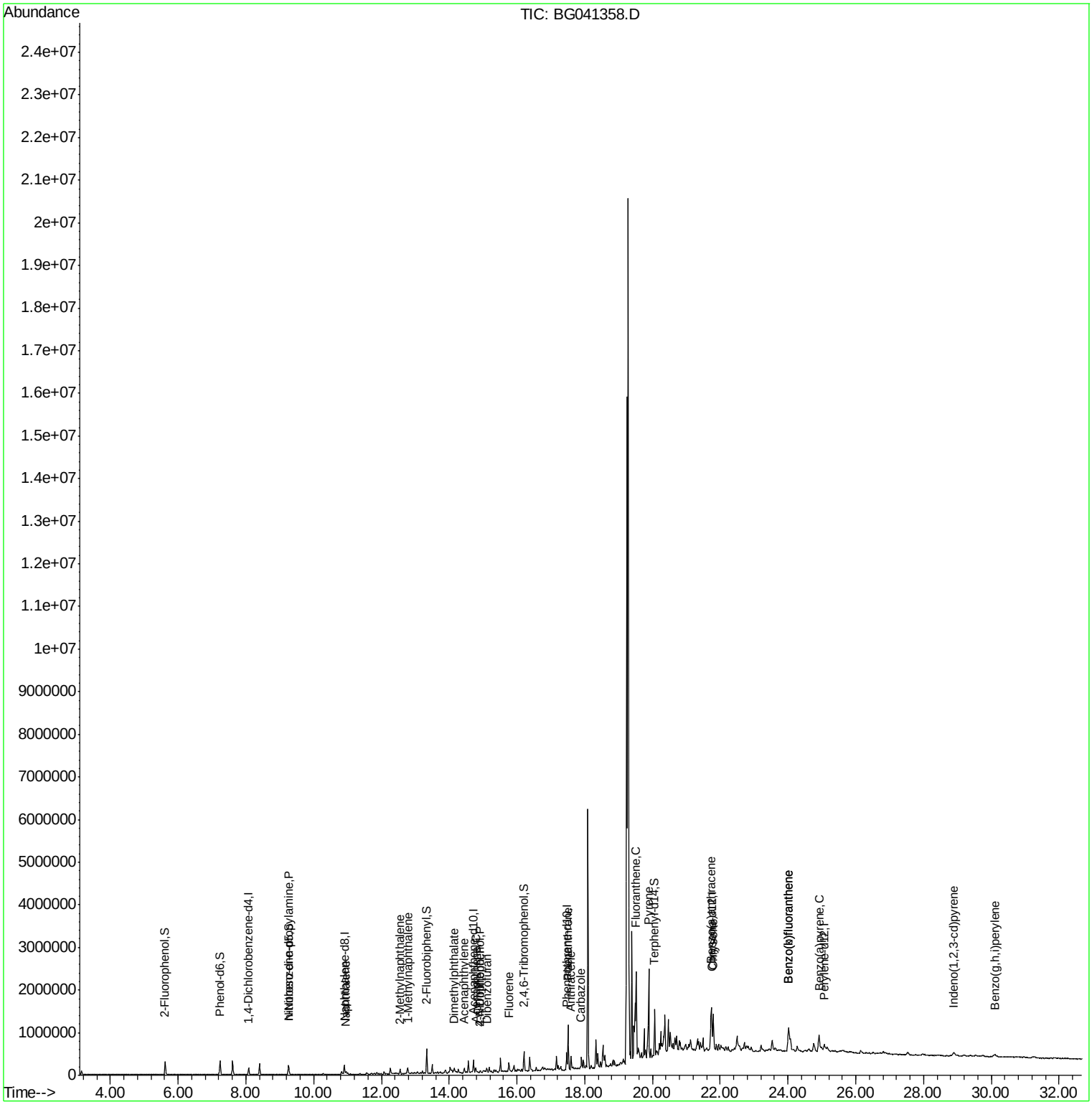
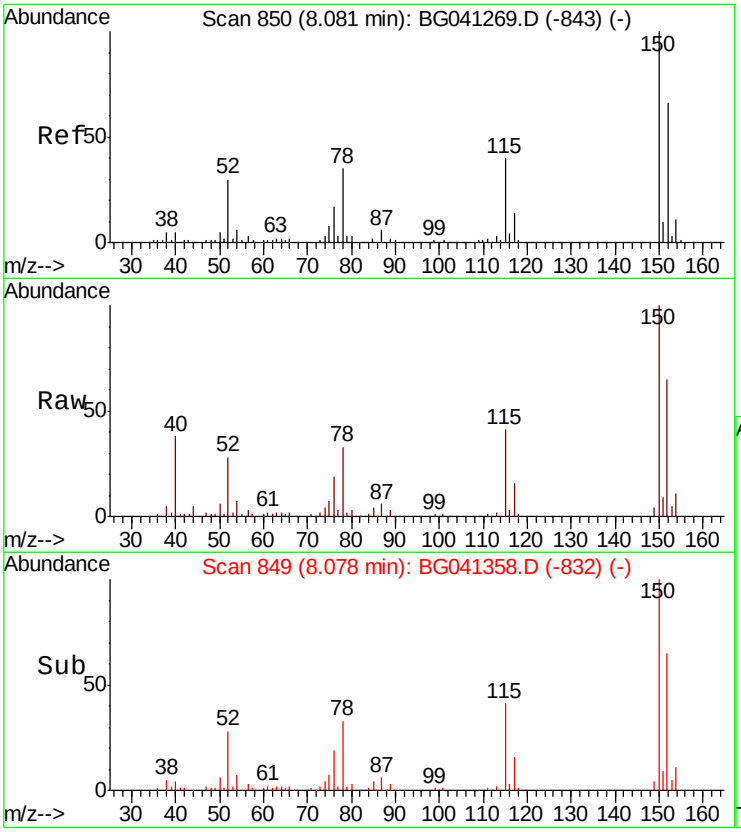


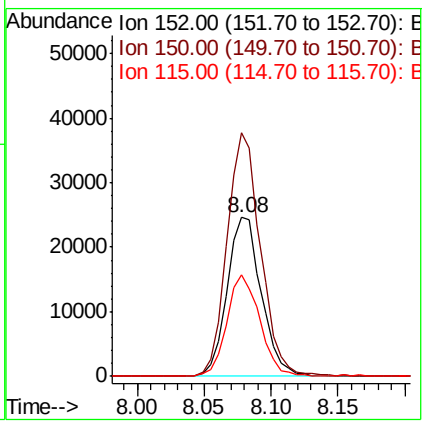


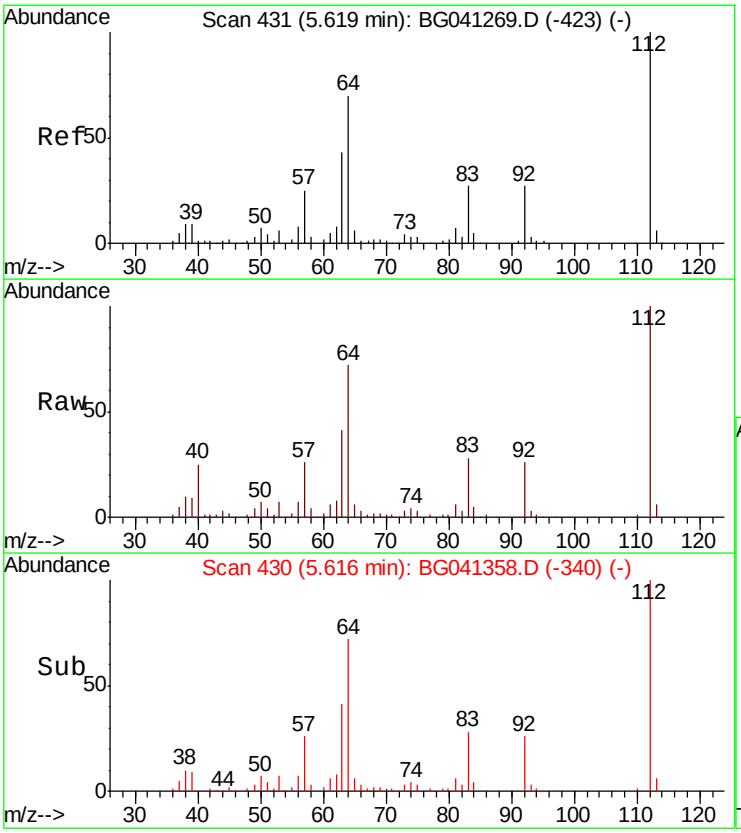
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44060

Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.6	181.0
115	63.7	47.9	71.9

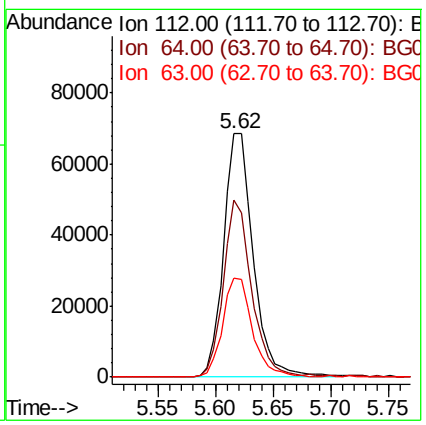


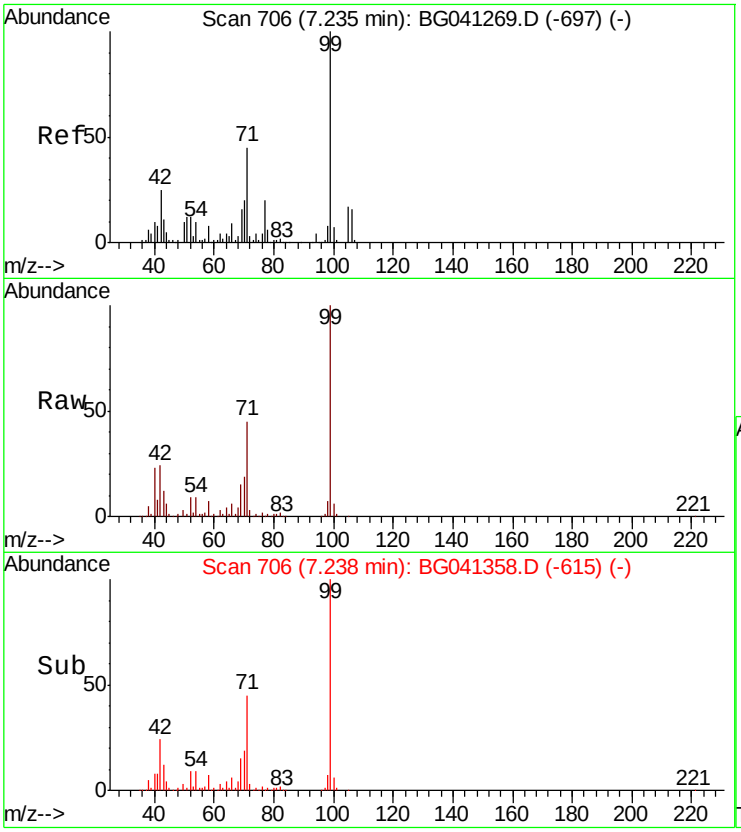


#5
2-Fluorophenol
Concen: 50.676 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:112 Resp: 121518

Ion	Ratio	Lower	Upper
112	100		
64	72.5	55.9	83.9
63	40.8	34.6	51.8



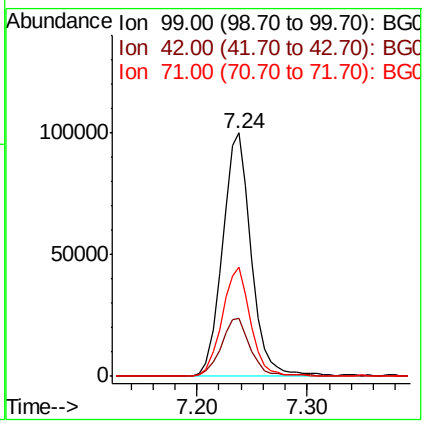


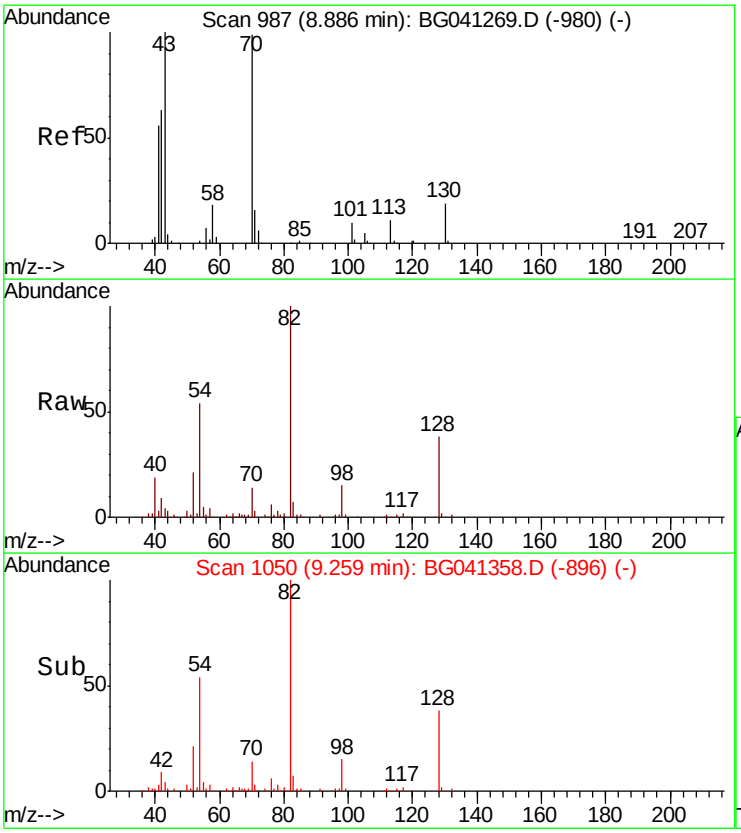
#7
Phenol-d6
Concen: 52.228 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 181536

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.9	29.9
71	45.0	36.4	54.6

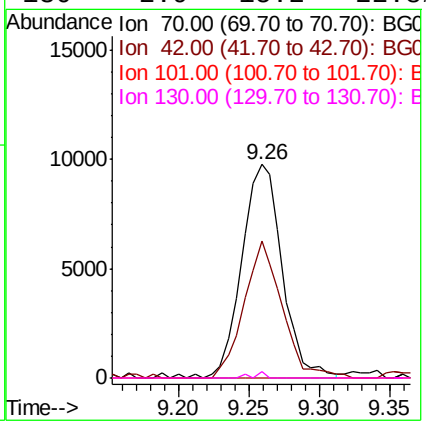


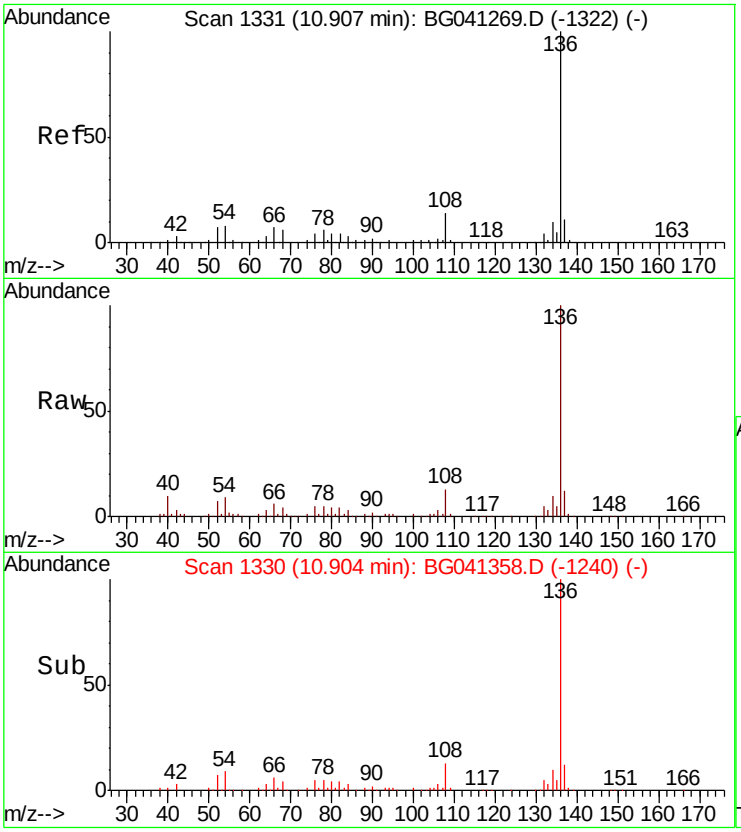


#19
n-Nitroso-di-n-propylamine
Concen: 6.965 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.37 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion: 70 Resp: 19581

Ion	Ratio	Lower	Upper
70	100		
42	64.2	51.4	77.2
101	0.0	8.2	12.2#
130	2.9	15.2	22.8#



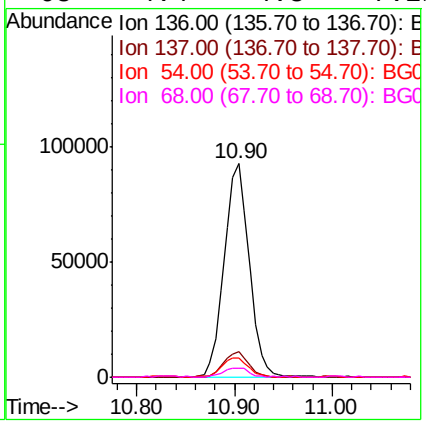


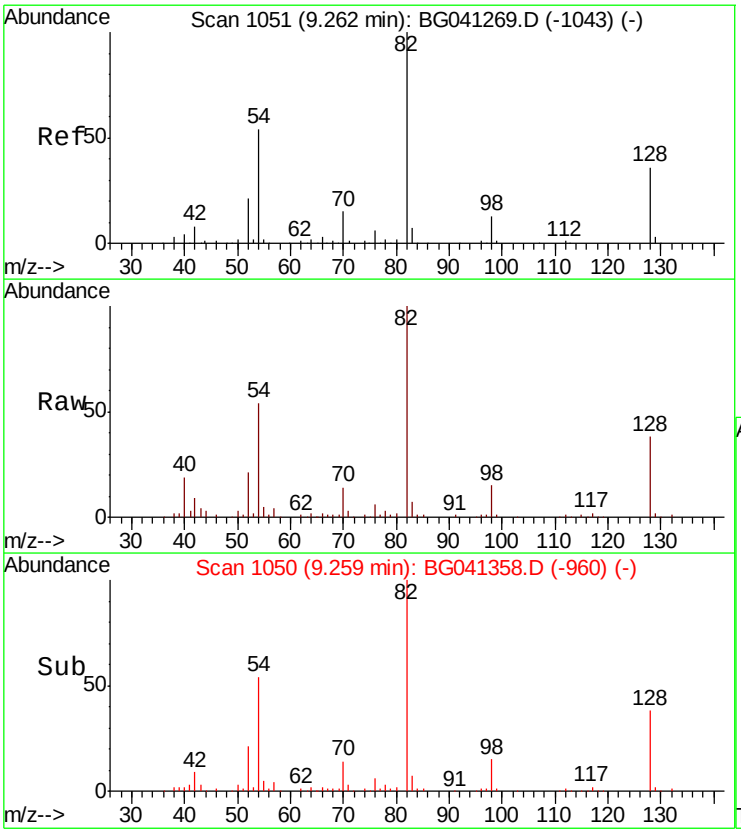
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 165226

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	9.0	6.4	9.6
68	4.4	4.8	7.2#

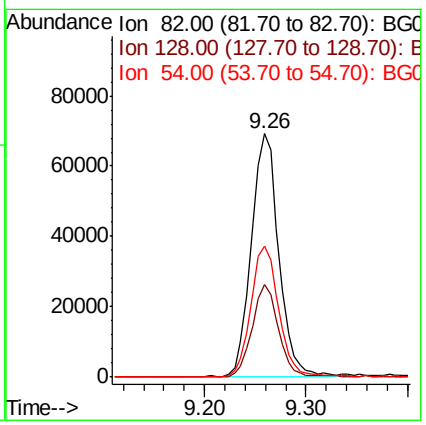


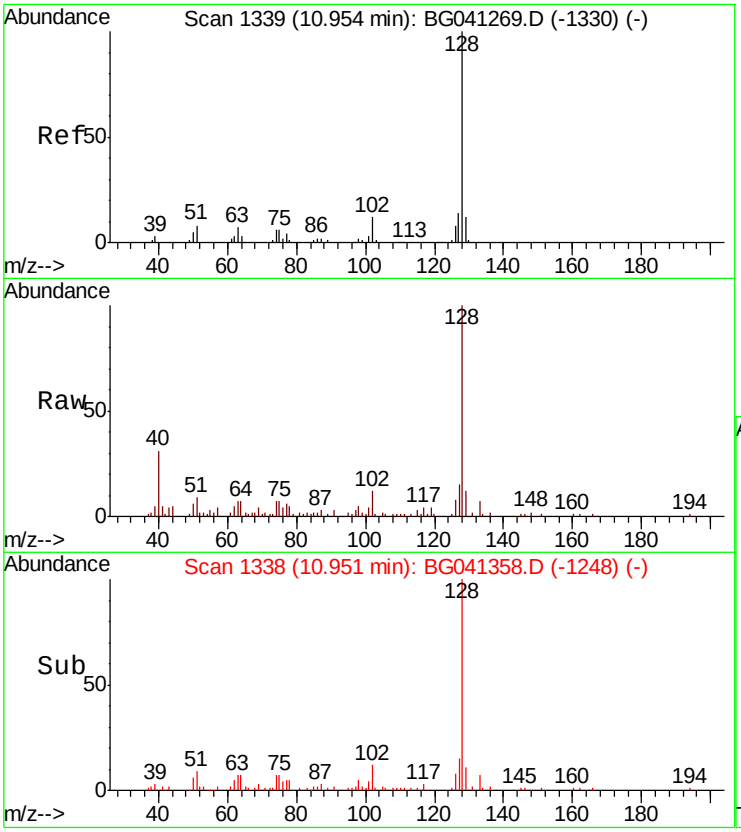


#23
Nitrobenzene-d5
Concen: 33.232 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion: 82 Resp: 130560

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.2	43.8
54	53.7	43.4	65.0



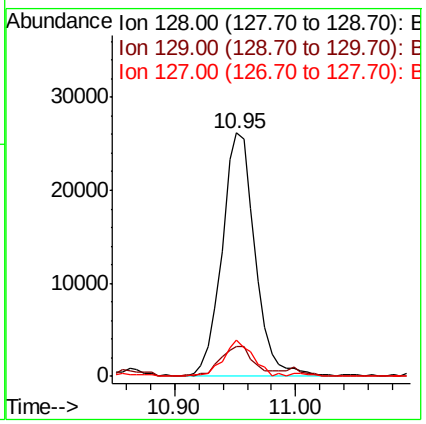


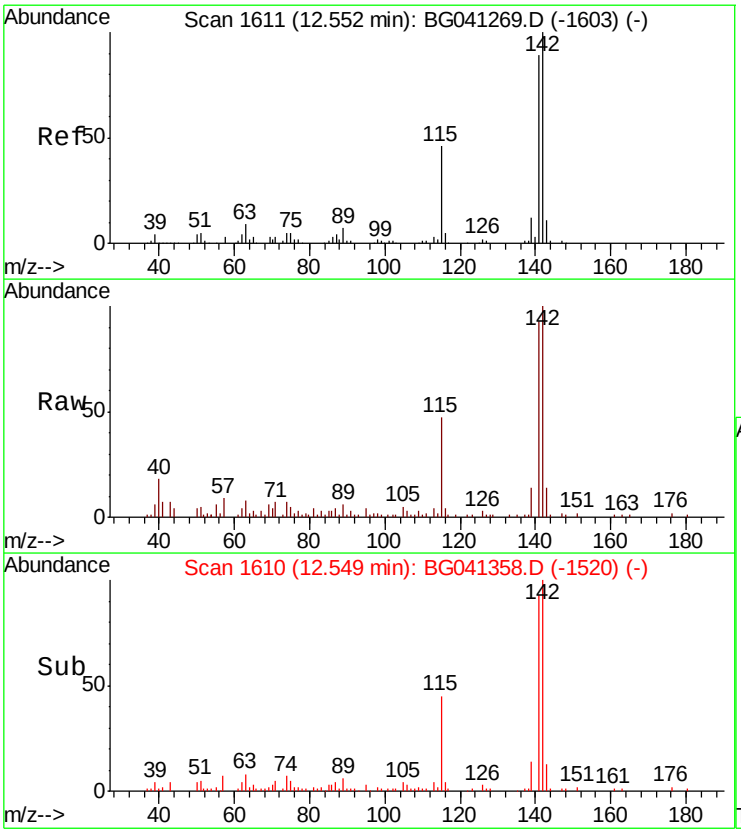
#31
Naphthalene
Concen: 5.535 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 49707

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	14.8	11.2	16.8

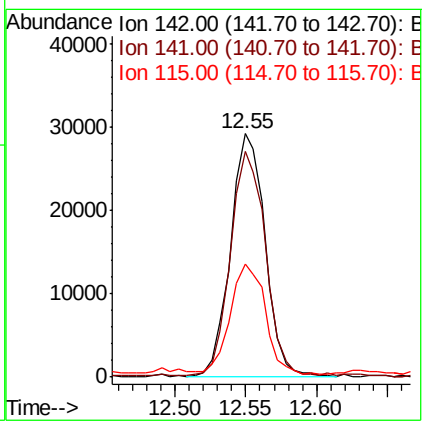


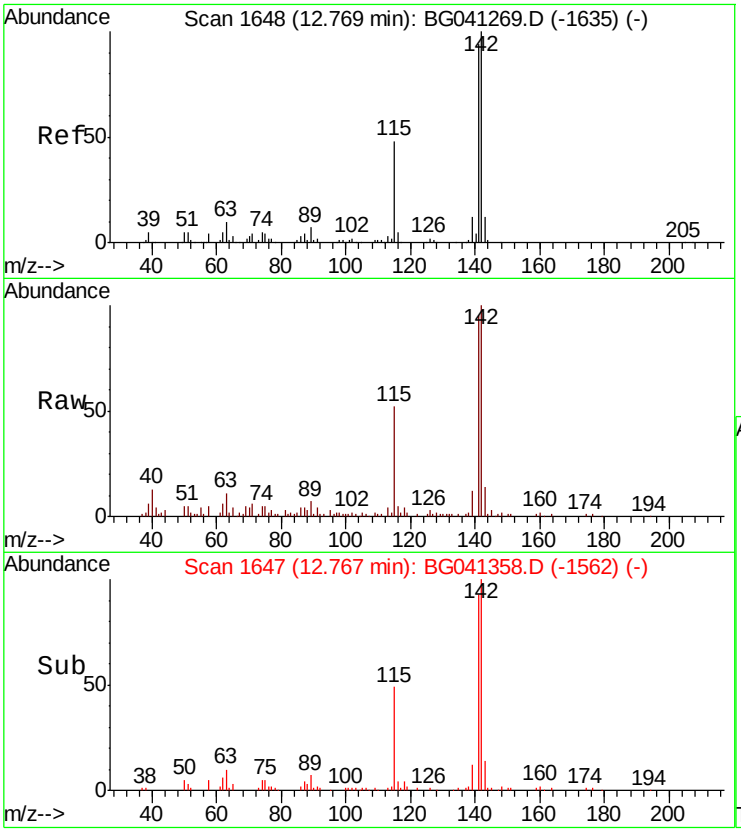


#37
2-Methylnaphthalene
Concen: 7.585 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:142 Resp: 50166

Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.5	107.3
115	46.5	37.0	55.6



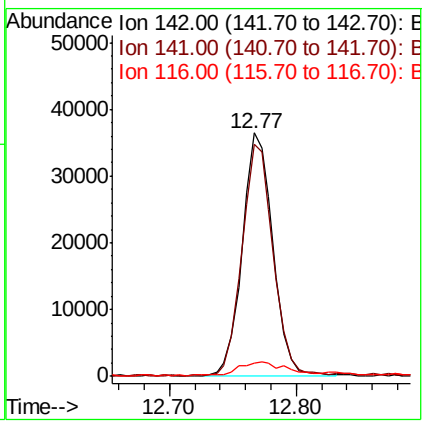


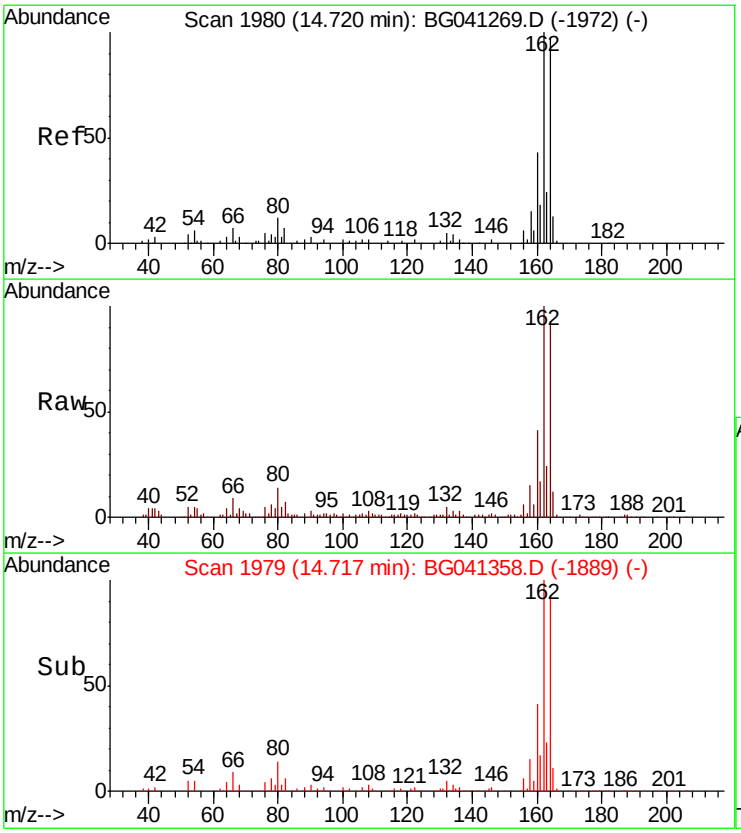
#38
1-Methylnaphthalene
Concen: 9.674 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 61215

Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.0	112.6
116	5.5	4.2	6.2

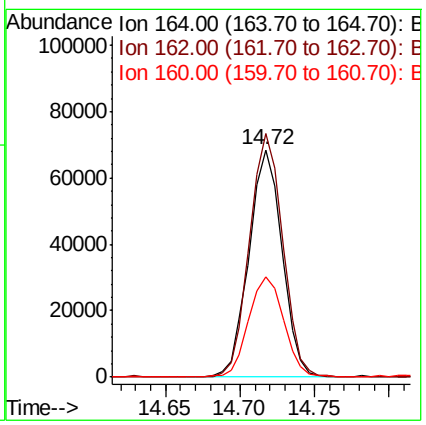


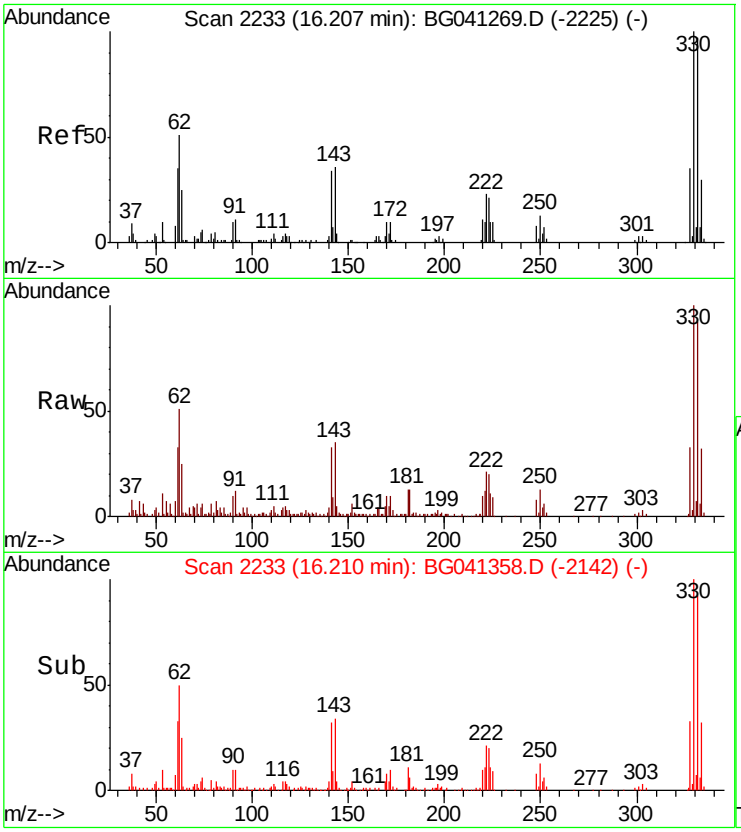


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:164 Resp: 105096

Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.8	124.2
160	44.3	35.8	53.8



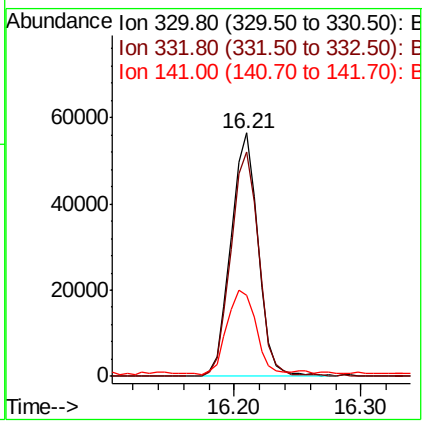


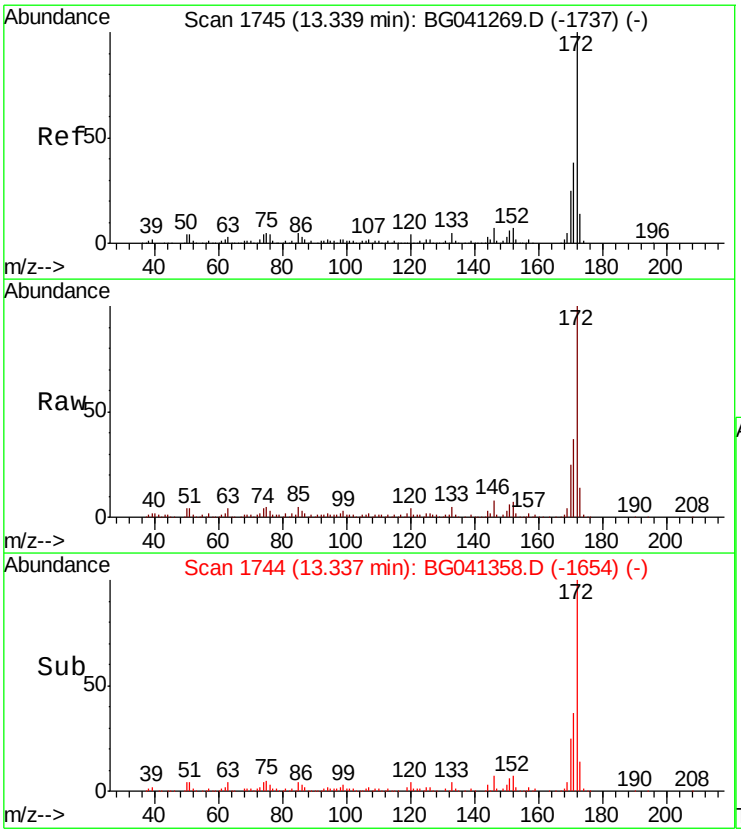
#42
2,4,6-Tribromophenol
Concen: 51.892 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 83726

Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.5	113.3
141	36.7	29.0	43.4

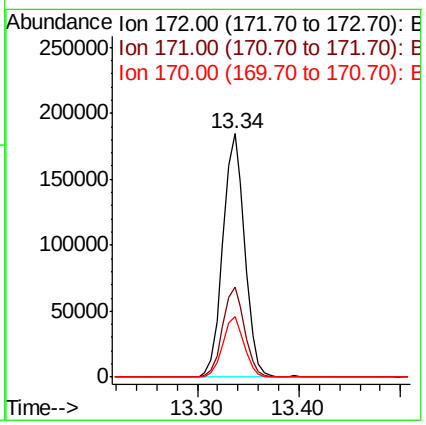


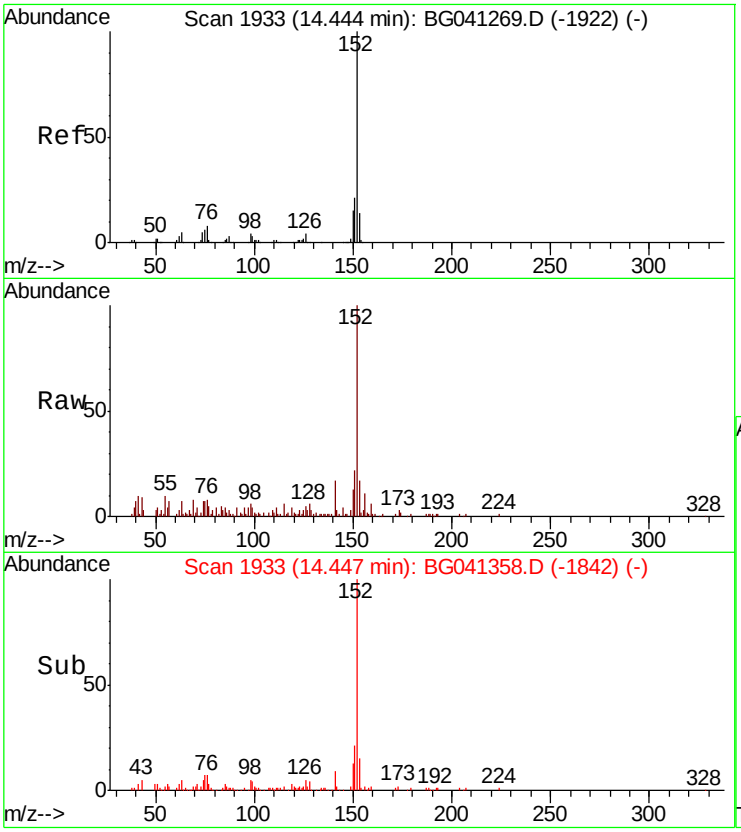


#45
2-Fluorobiphenyl
Concen: 35.660 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:172 Resp: 275736

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.9	19.8	29.6



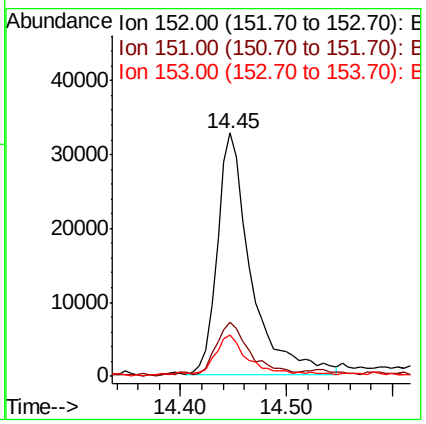


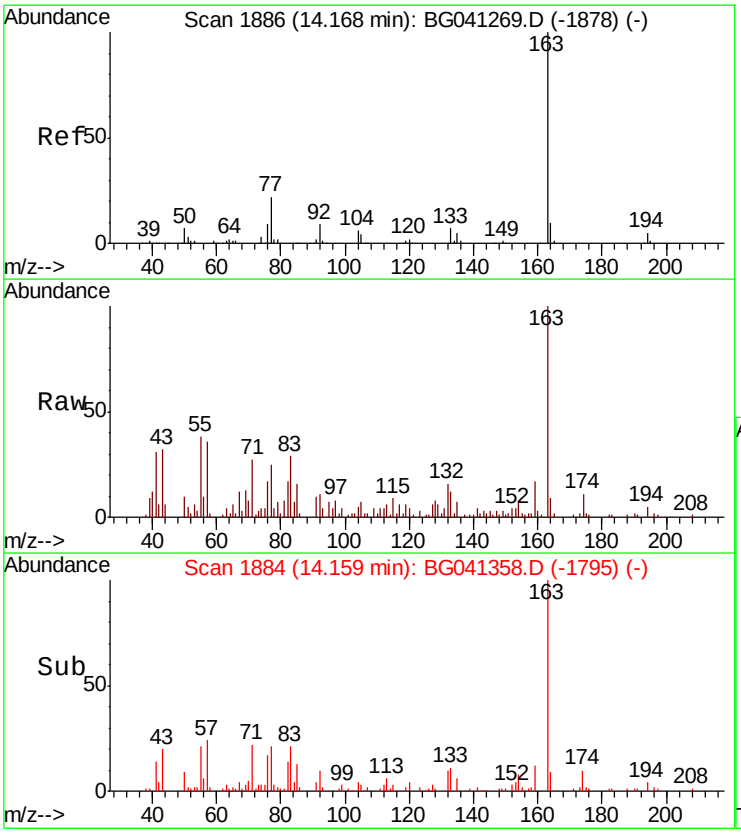
#49
Acenaphthylene
Concen: 6.935 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71989

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2
153	16.8	10.8	16.2#

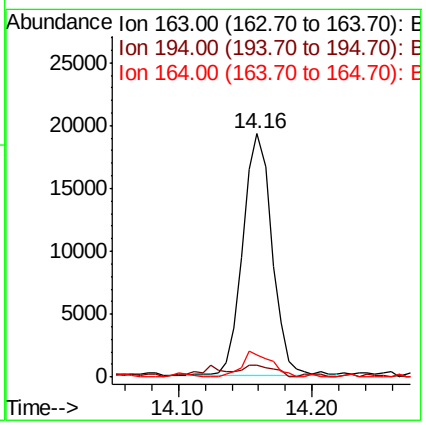


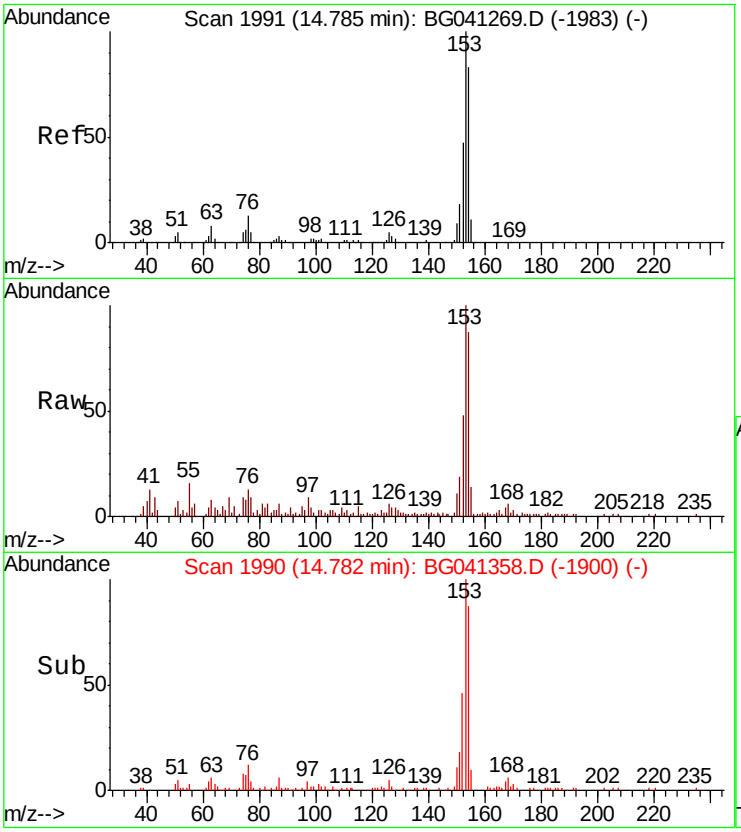


#50
Dimethylphthalate
Concen: 3.084 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:163 Resp: 28842

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.9	5.9
164	9.3	8.3	12.5



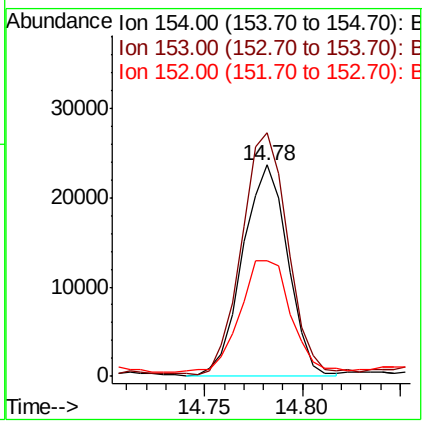


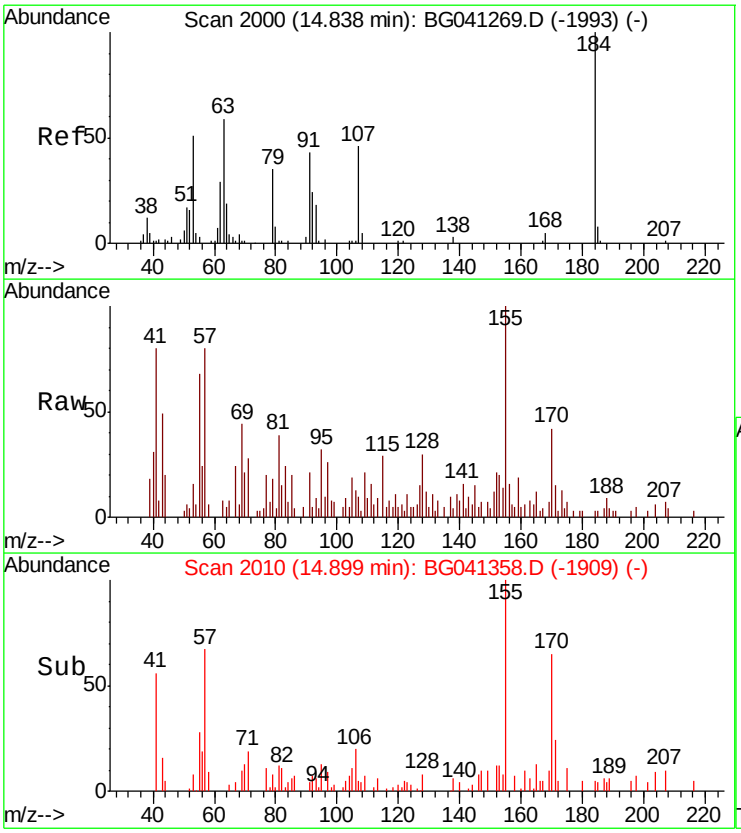
#52
Acenaphthene
Concen: 6.231 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 37979

Ion	Ratio	Lower	Upper
154	100		
153	115.2	96.6	145.0
152	54.9	45.5	68.3

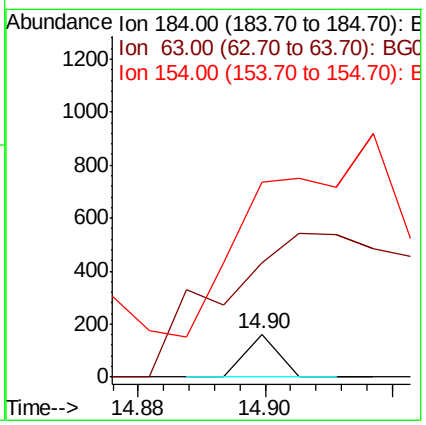


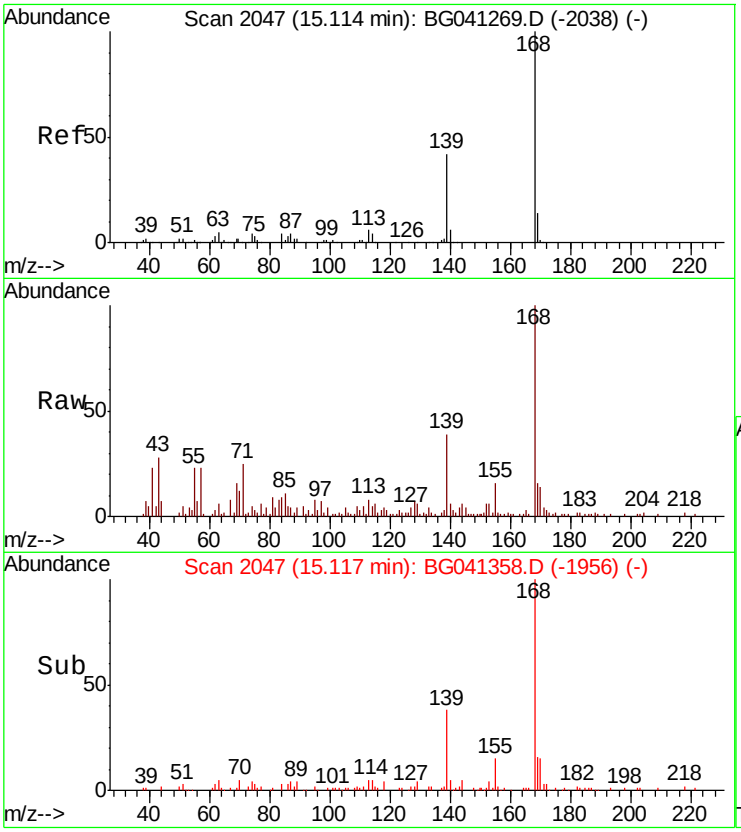


#54
2,4-Dinitrophenol
Concen: 4.884 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.06 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	265.4	60.0	90.0#
154	454.9	58.3	87.5#



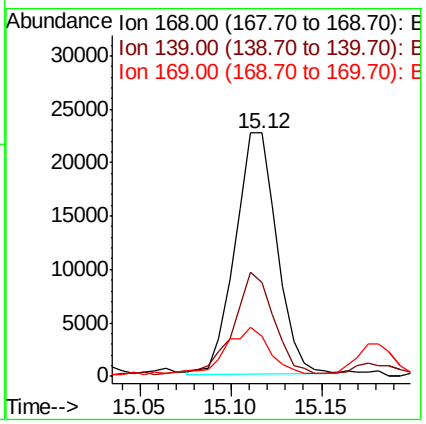


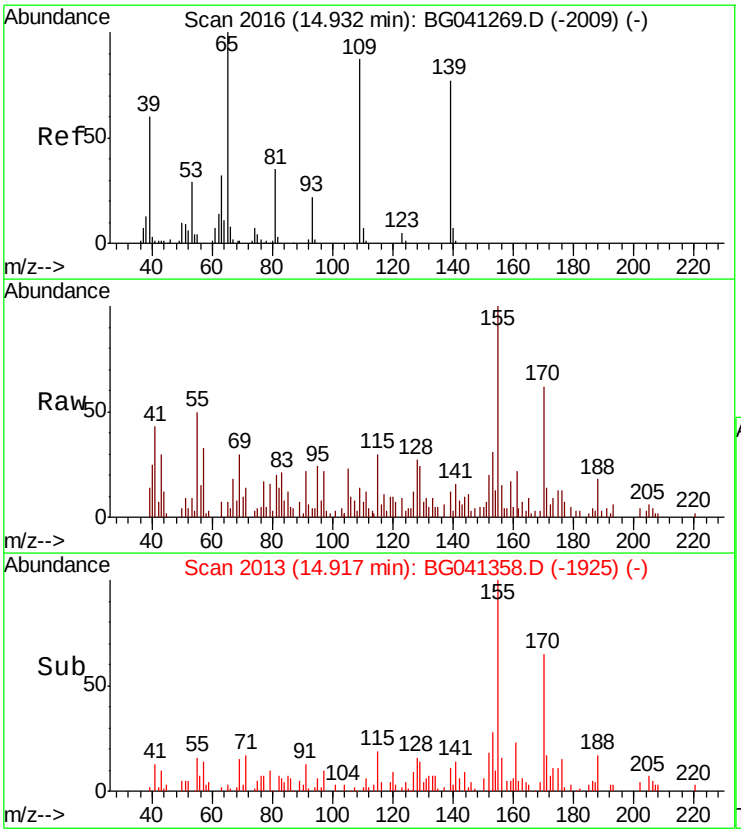
#55
Dibenzofuran
Concen: 3.386 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 35882

Ion	Ratio	Lower	Upper
168	100		
139	38.6	33.6	50.4
169	16.4	10.8	16.2#

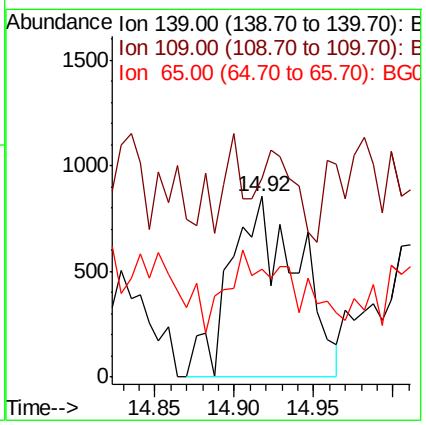


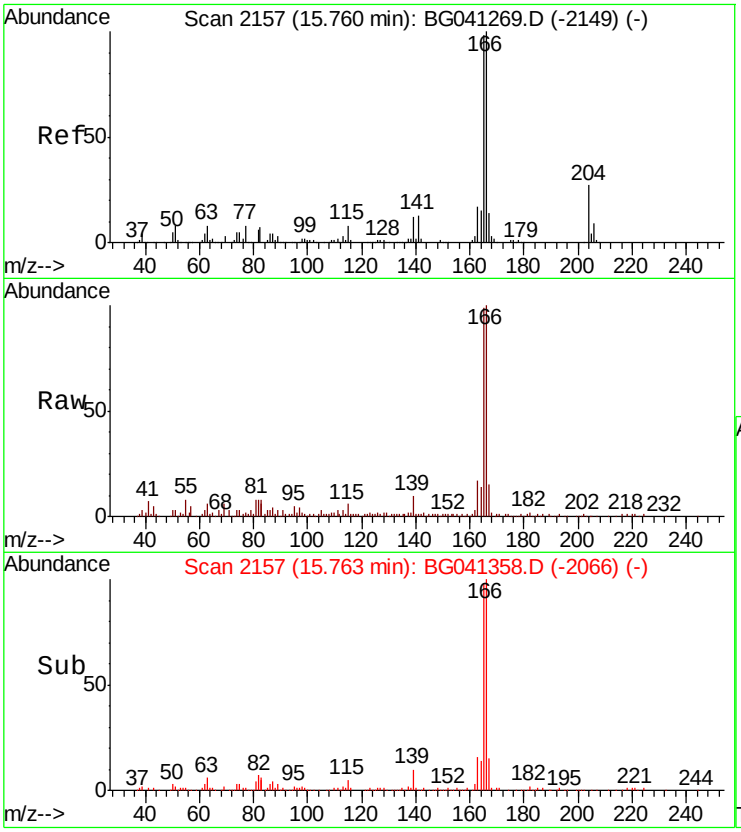


#56
4-Nitrophenol
Concen: 4.857 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:139 Resp: 2524

Ion	Ratio	Lower	Upper
139	100		
109	109.8	93.2	133.2
65	59.9	110.2	150.2#



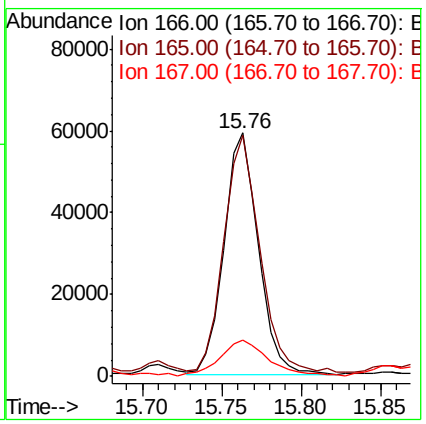


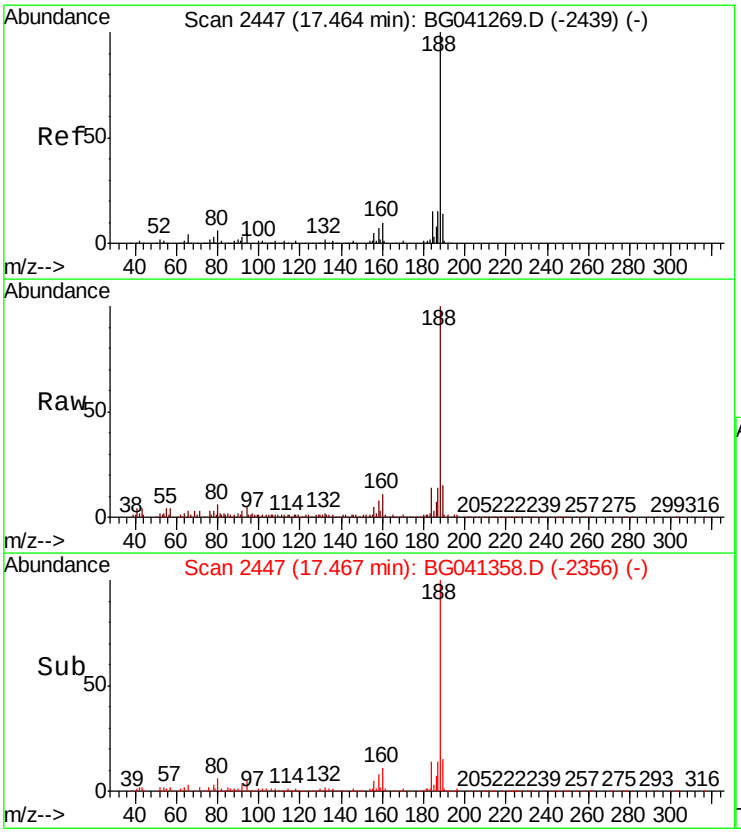
#58
Fluorene
Concen: 10.632 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 88634

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	14.9	11.3	16.9

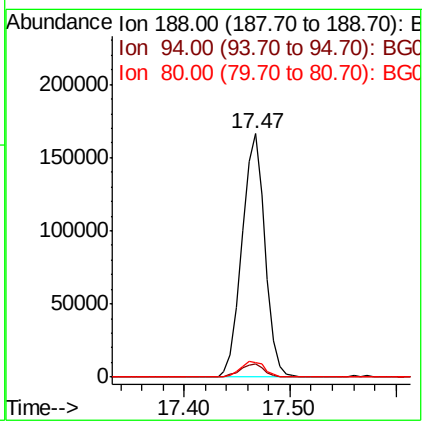


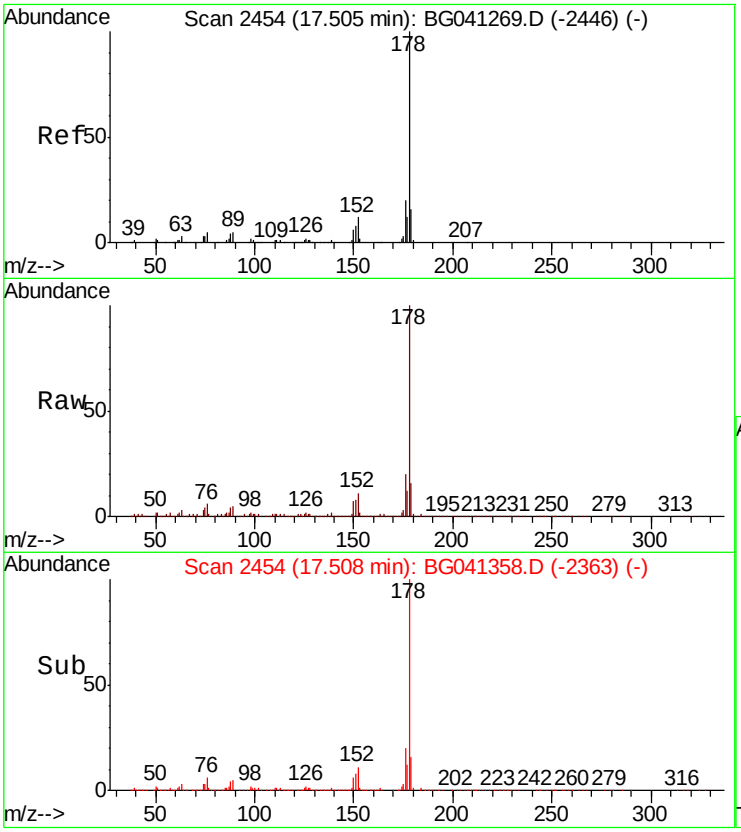


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:188 Resp: 250758

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	5.9	4.8	7.2



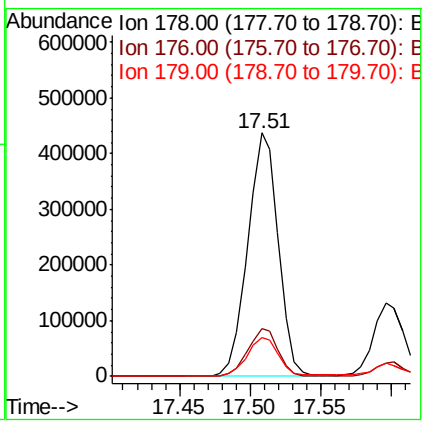


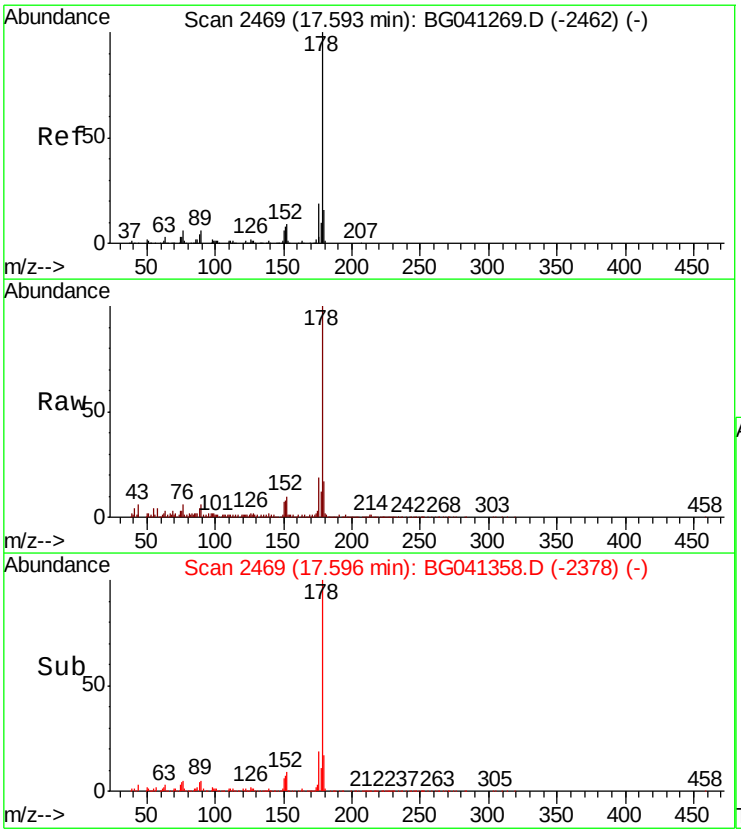
#71
Phenanthrene
Concen: 49.533 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 662442

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.2	12.9	19.3

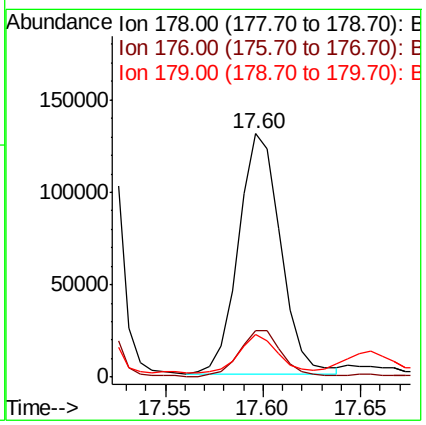


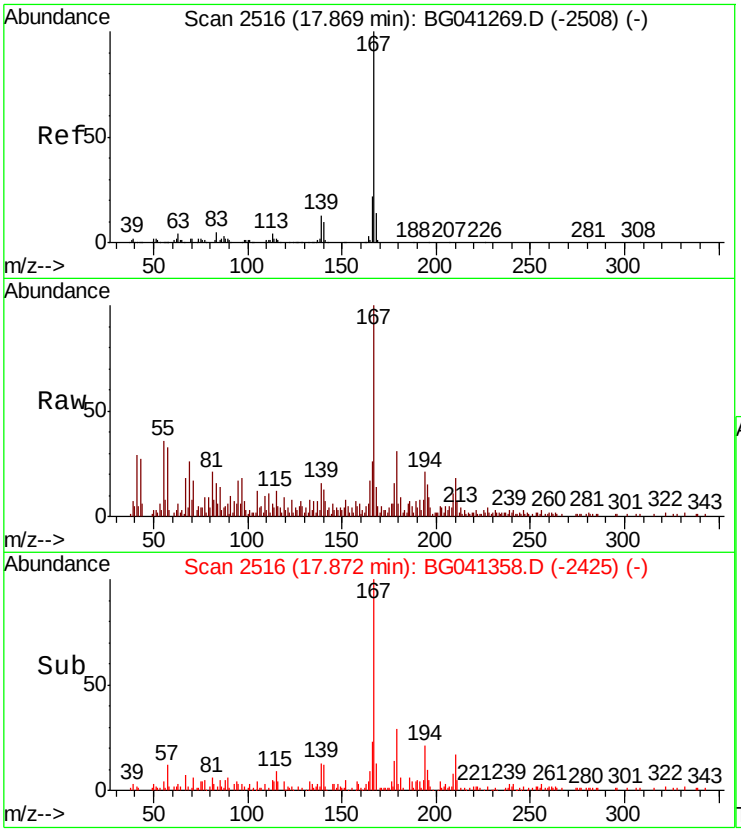


#72
Anthracene
Concen: 14.721 ng
RT: 17.60 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:178 Resp: 194091

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	17.4	13.0	19.4



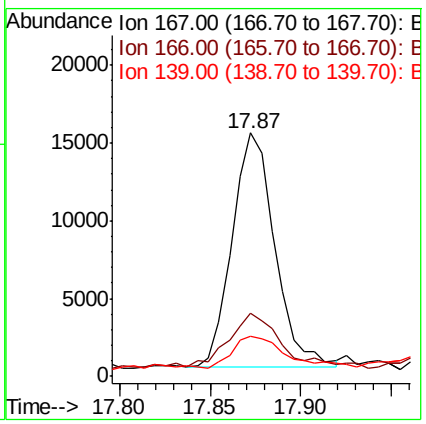


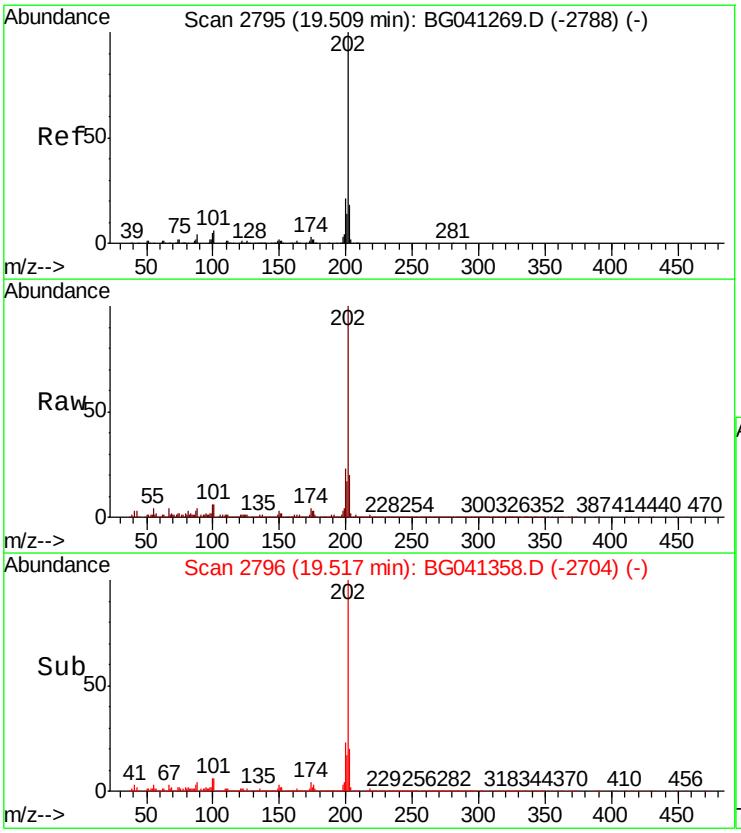
#73
Carbazole
Concen: 2.143 ng
RT: 17.87 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 24713

Ion	Ratio	Lower	Upper
167	100		
166	26.0	17.9	26.9
139	16.4	10.7	16.1#

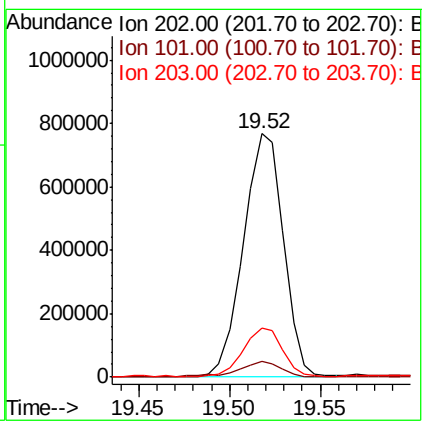


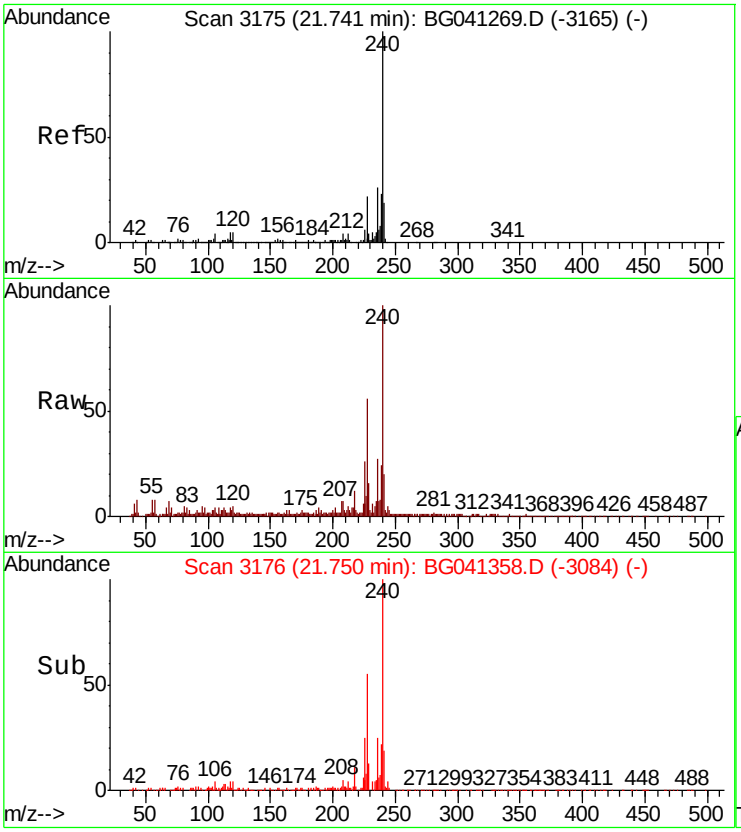


#75
Fluoranthene
Concen: 65.895 ng
RT: 19.52 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:202 Resp: 1170778

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	26.0
203	20.3	0.0	37.7



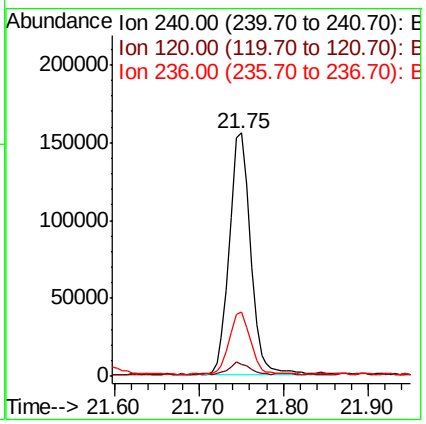


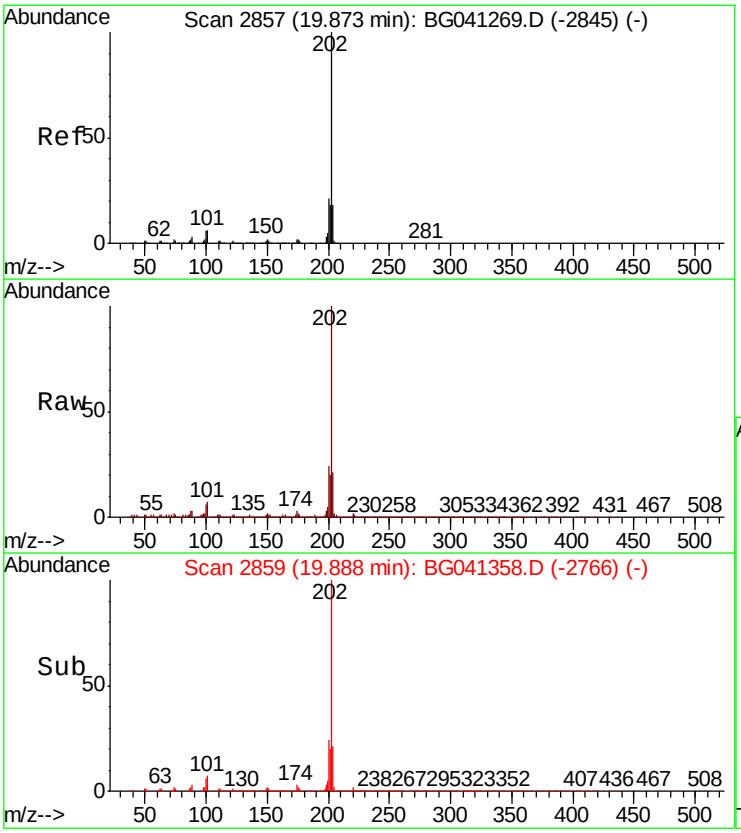
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 269107

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	26.6	21.1	31.7

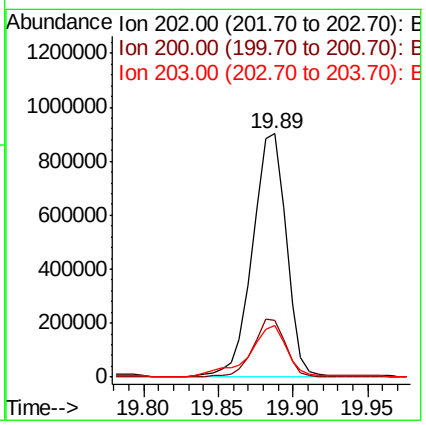


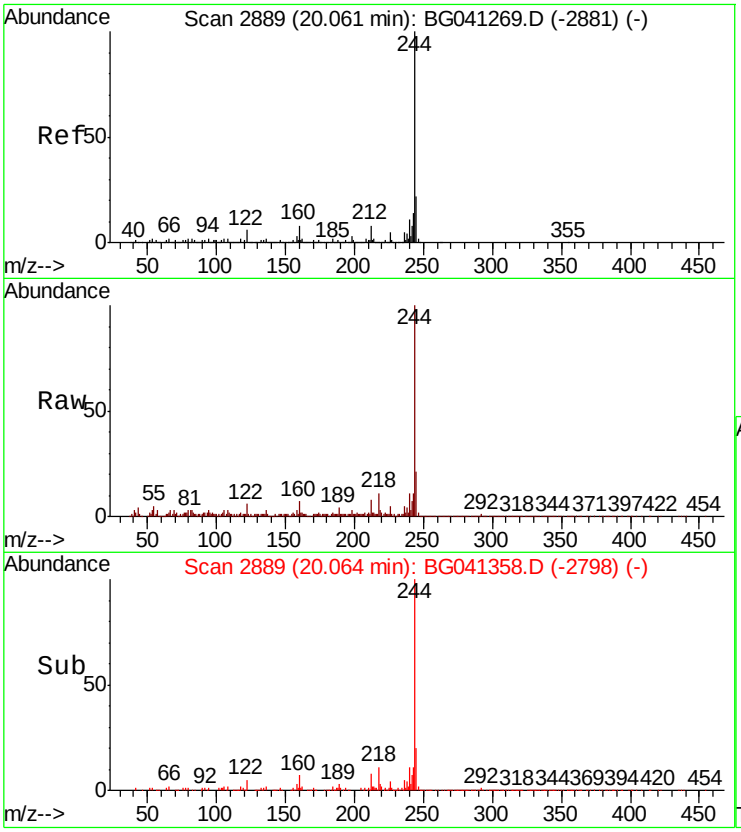


#78
Pyrene
Concen: 77.090 ng
RT: 19.89 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:202 Resp: 1399081

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.8	25.2
203	21.3	14.6	21.8



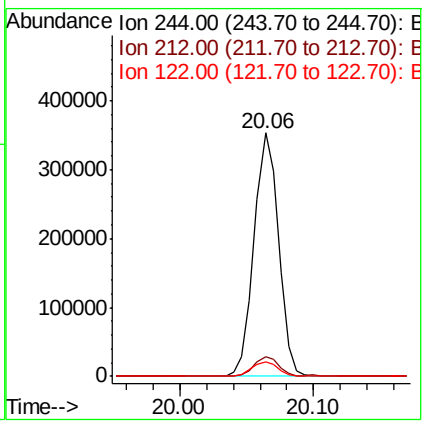


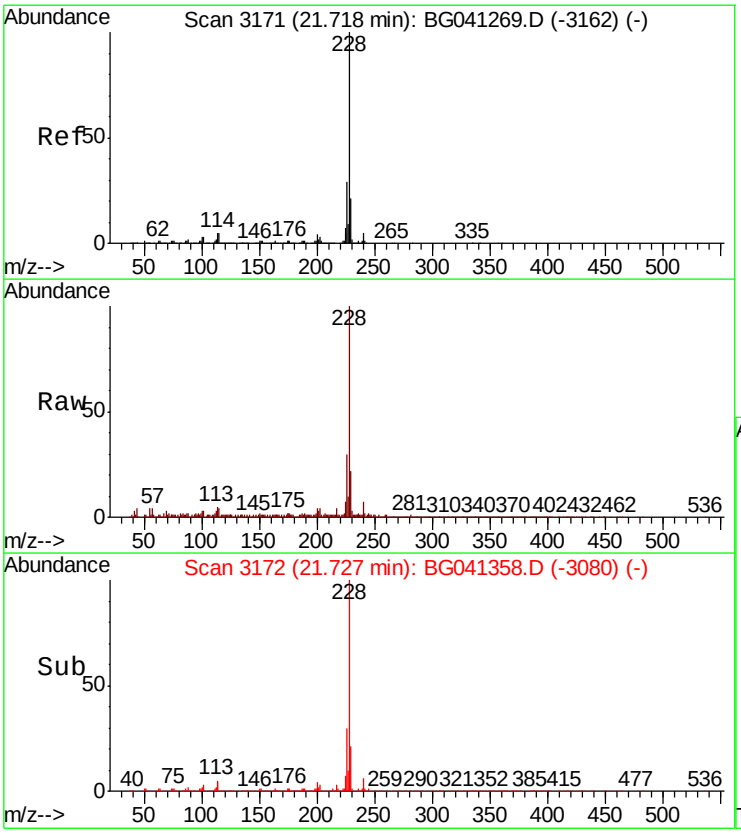
#79
Terphenyl-d14
Concen: 32.717 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 444259

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	6.1	5.0	7.4

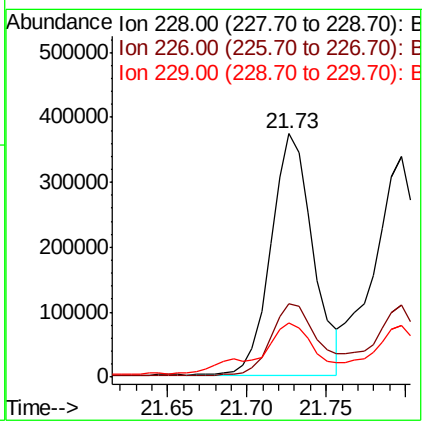


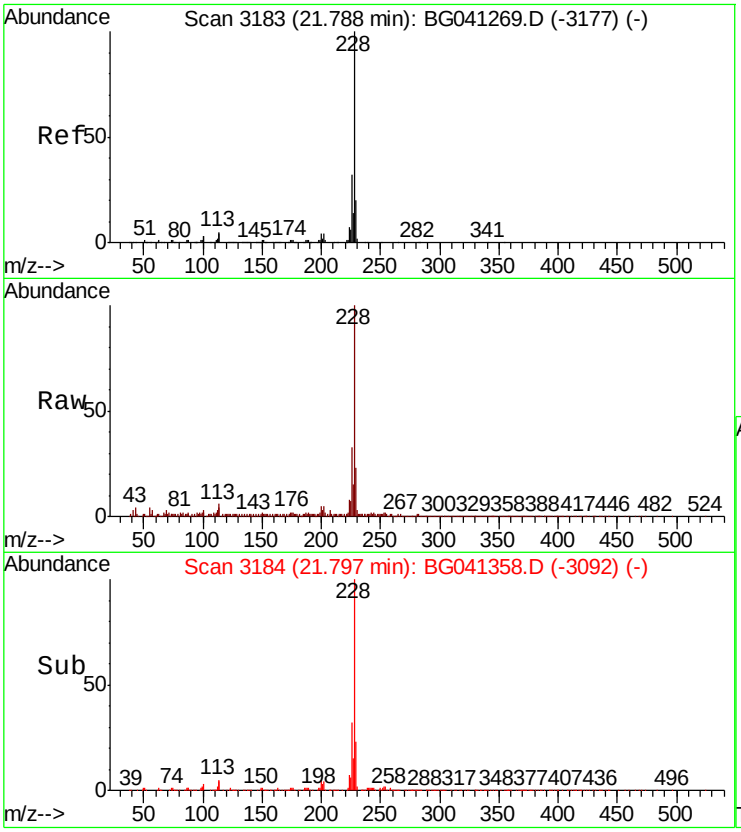


#81
Benzo(a)anthracene
Concen: 37.476 ng
RT: 21.73 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:228 Resp: 682852

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	22.3	16.8	25.2



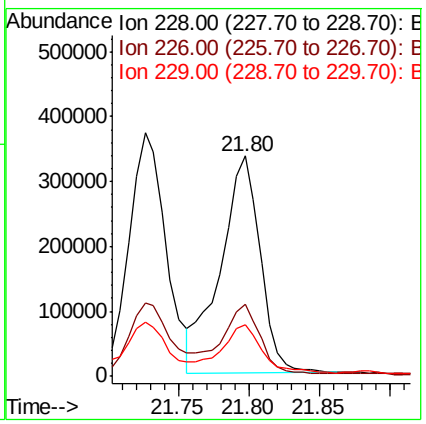


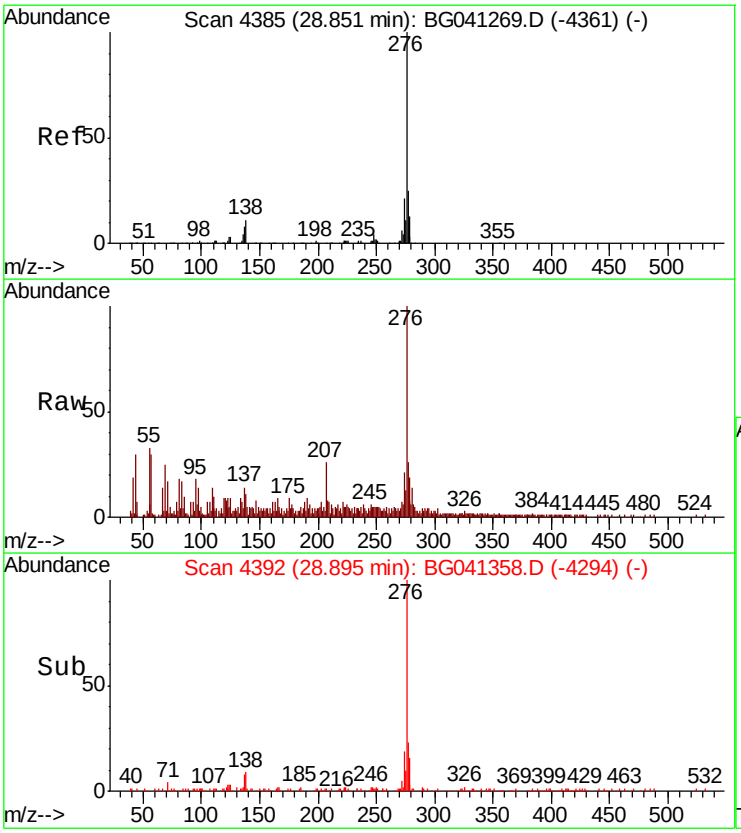
#83
Chrysene
Concen: 37.511 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 657293

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.4	38.0
229	23.5	16.2	24.2

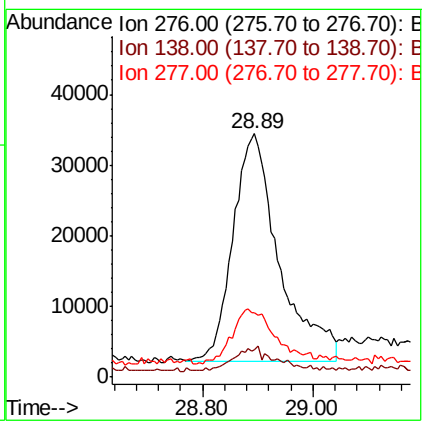


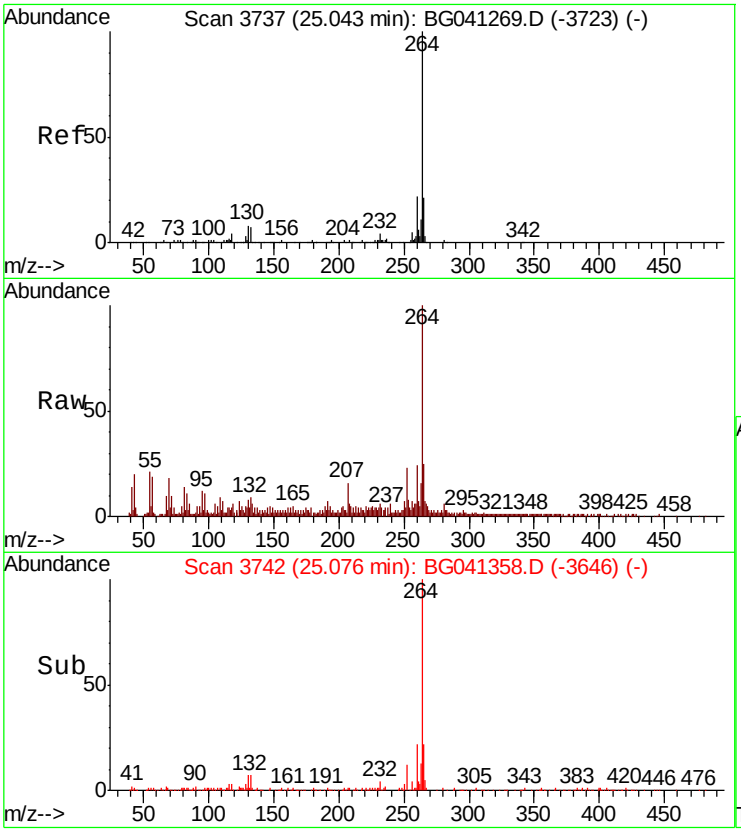


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.990 ng
RT: 28.89 min Scan# 4392
Delta R.T. 0.04 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:276 Resp: 186892

Ion	Ratio	Lower	Upper
276	100		
138	8.6	7.7	11.5
277	23.2	20.6	31.0



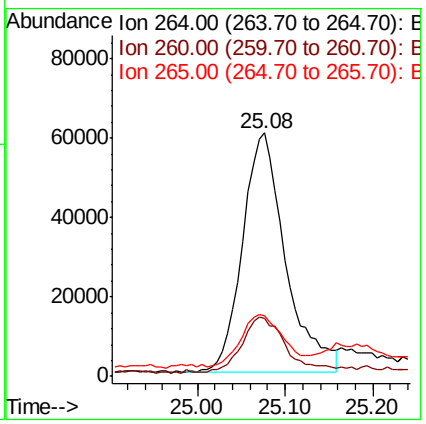


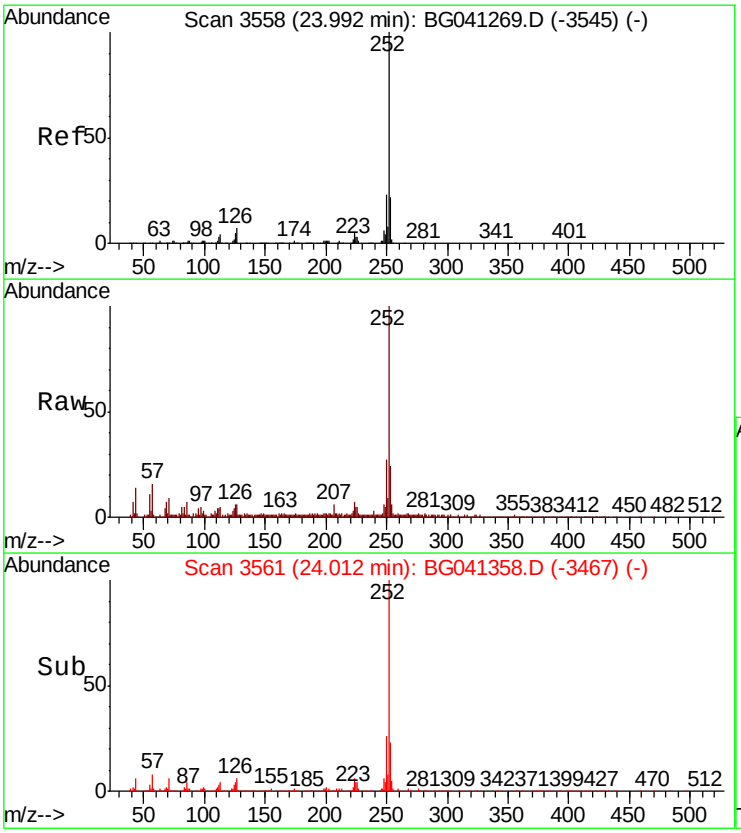
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3742
Delta R.T. 0.03 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 204103

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.2
265	24.7	17.2	25.8

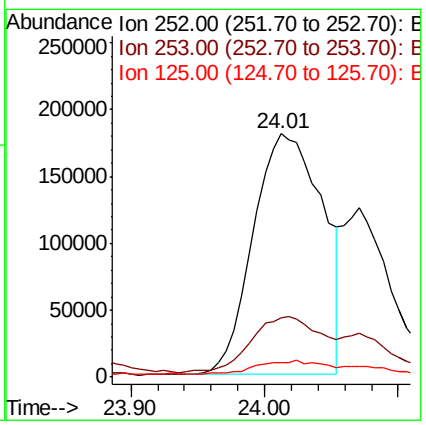


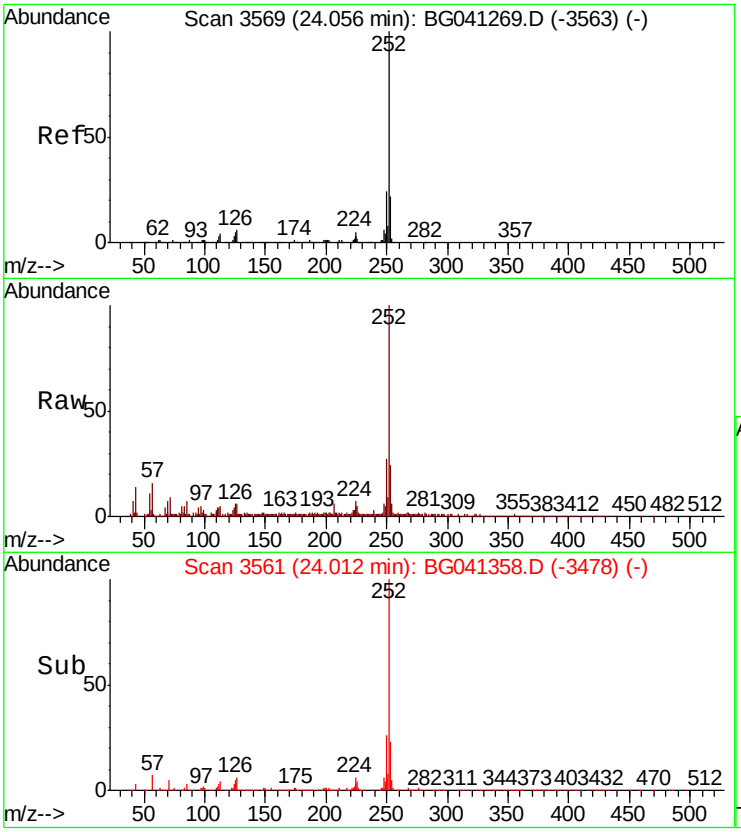


#88
Benzo(b)fluoranthene
Concen: 51.449 ng
RT: 24.01 min Scan# 3561
Delta R.T. 0.02 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:252 Resp: 650773

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	6.1	3.9	5.9#



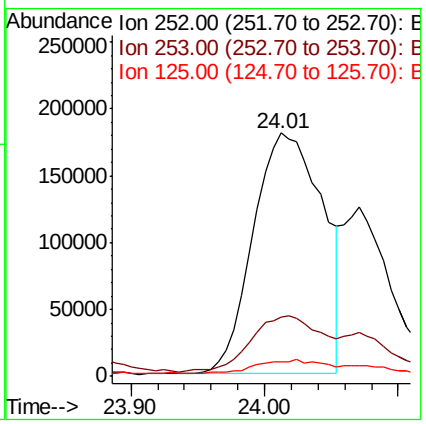


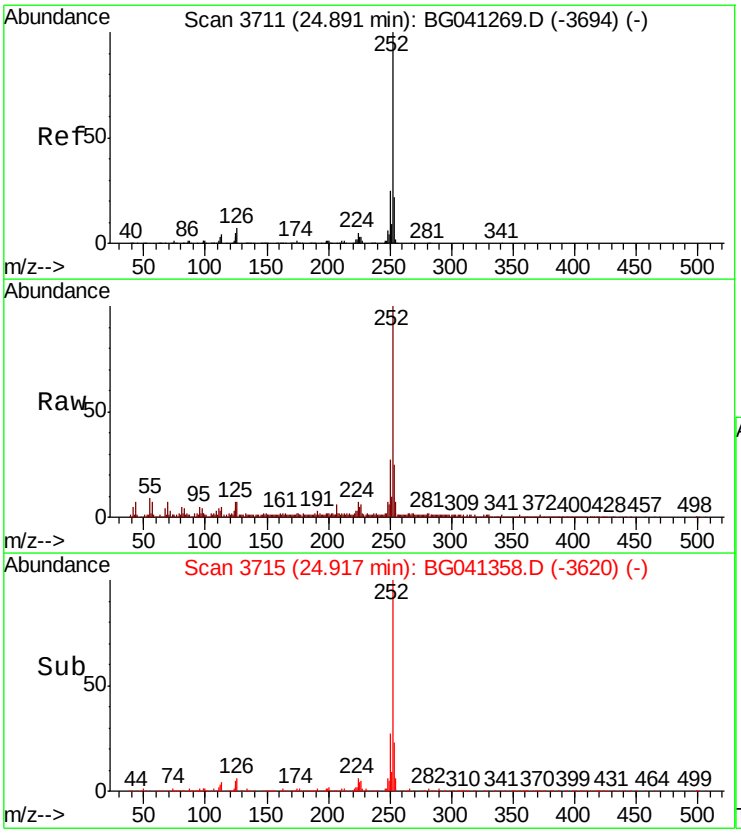
#89
Benzo(k)fluoranthene
Concen: 51.935 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.04 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 650773

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	6.1	4.3	6.5

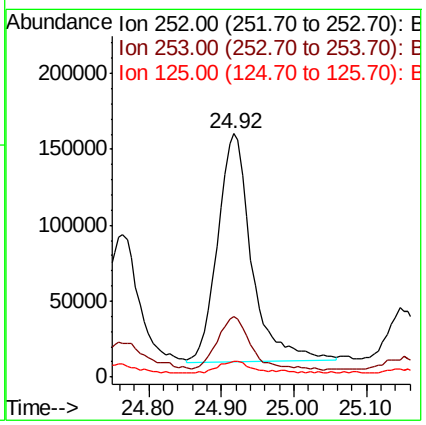


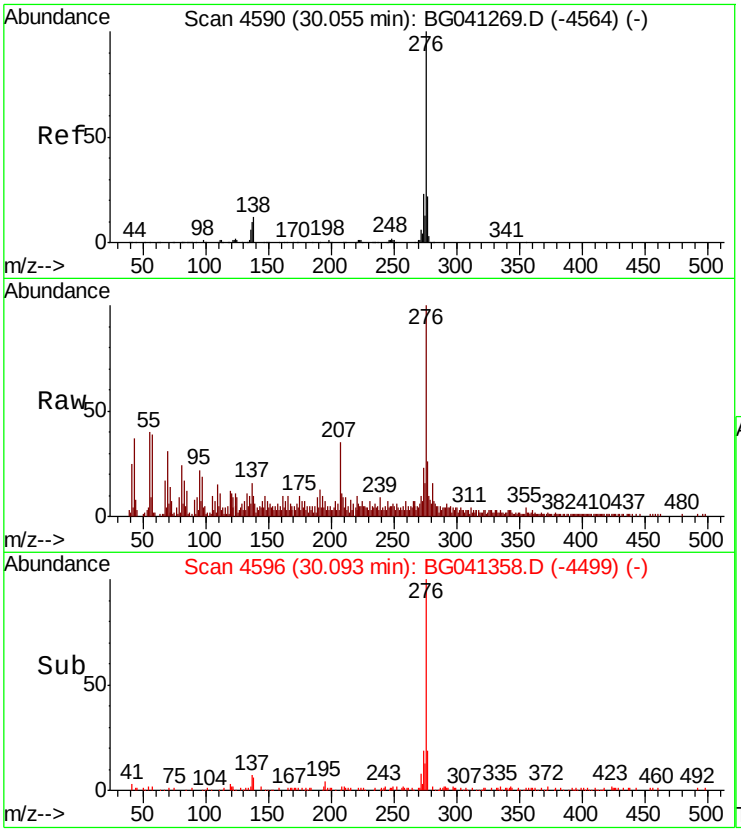


#90
Benzo(a)pyrene
Concen: 41.482 ng
RT: 24.92 min Scan# 3715
Delta R.T. 0.03 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Tgt Ion:252 Resp: 495536

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	6.7	4.2	6.4#





#92
Benzo(g,h,i)perylene
Concen: 12.463 ng
RT: 30.09 min Scan# 4596
Delta R.T. 0.04 min
Lab File: BG041358.D
Acq: 20 Jun 2019 15:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 148130

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	10.0	9.4	14.0