Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
Data File : BG040341.D
Acq On : 4 Apr 2019 1:11
Operator : JU/SJ
Sample : K2176-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 04 03:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65687	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	254717	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	155834	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	367890	20.00	ng		-0.02
76) Chrysene-d12	21.69	240	398906	20.00	ng		-0.04
87) Perylene-d12	24.97	264	423103	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	226381	57.29	ng		-0.02
7) Phenol-d6	7.20	99	192527	35.26	ng		-0.02
23) Nitrobenzene-d5	9.22	82	402720	84.04	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	232064	137.79	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	893084	84.92	ng		-0.02
79) Terphenyl-d14	20.03	244	1327341	74.86	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	49636	12.678	ng	#	71
51) 2,6-Dinitrotoluene	14.68	165	20515	7.491	ng	#	25
52) Acenaphthene	14.74	154	28195	3.073	ng		96
57) 2,4-Dinitrotoluene	14.68	165	20515	5.391	ng	#	25
58) Fluorene	15.73	166	66516	5.738	ng		97
67) 4-Bromophenyl-phenylether	16.17	248	18175	4.390	ng	#	1
71) Phenanthrene	17.46	178	160077	8.278	ng		99
72) Anthracene	17.55	178	44321	2.290	ng		98
73) Carbazole	17.83	167	40686	2.221	ng		96
75) Fluoranthene	19.47	202	79255	3.461	ng		95
78) Pyrene	19.83	202	52590	2.005	ng		99

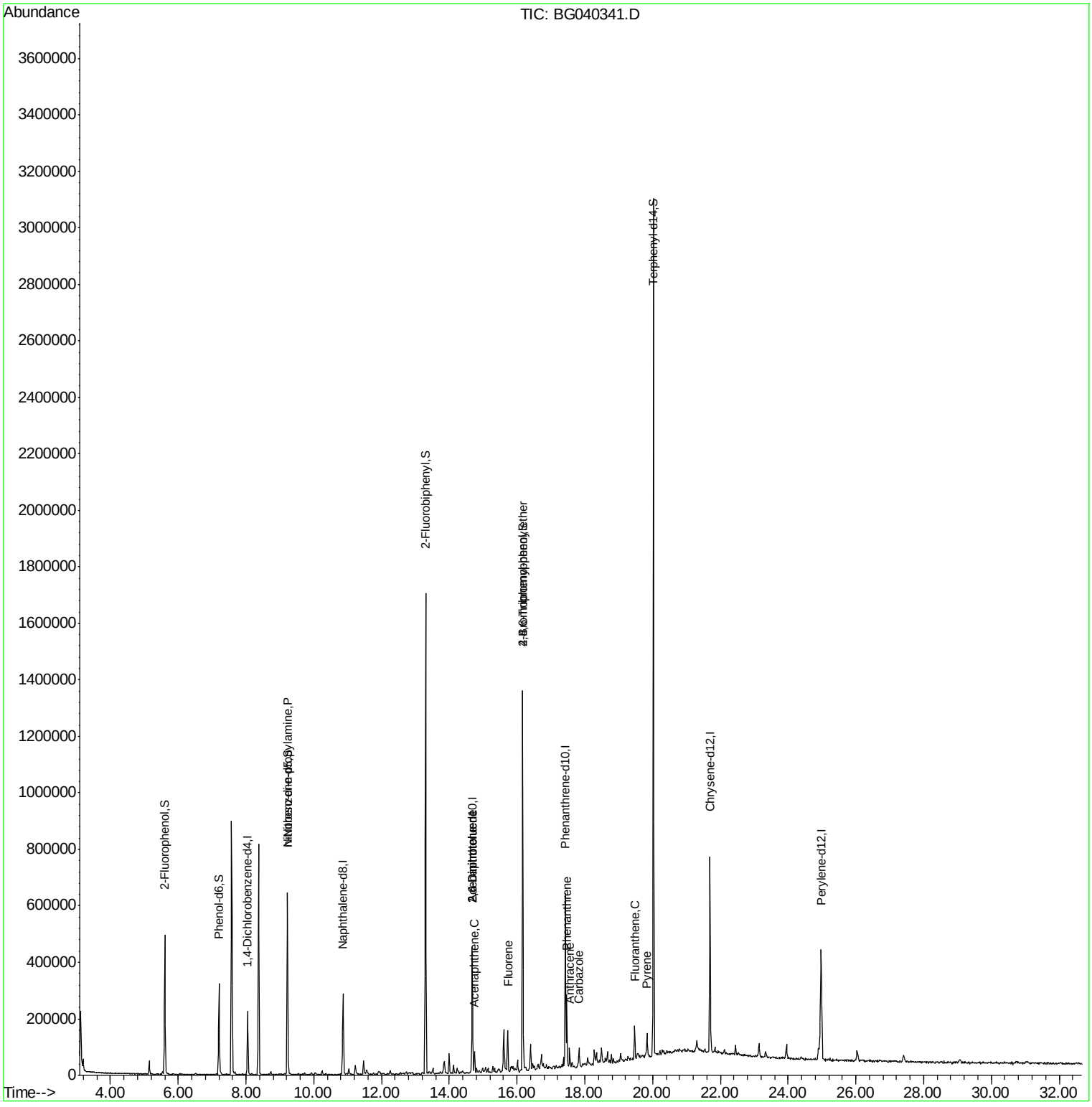
(#) = qualifier out of range (m) = manual integration (+) = signals summed

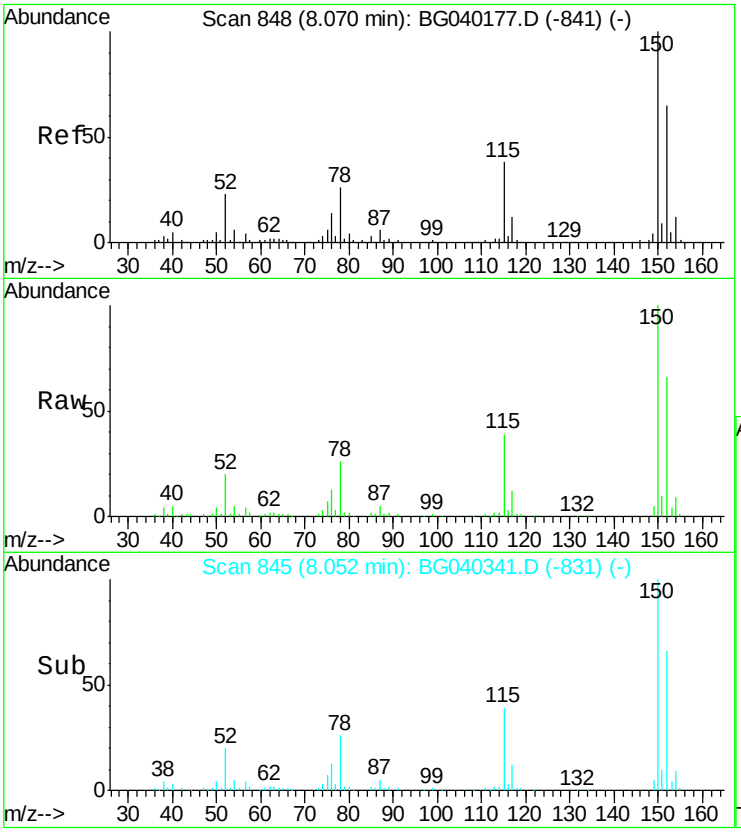
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
Data File : BG040341.D
Acq On : 4 Apr 2019 1:11
Operator : JU/SJ
Sample : K2176-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 03:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



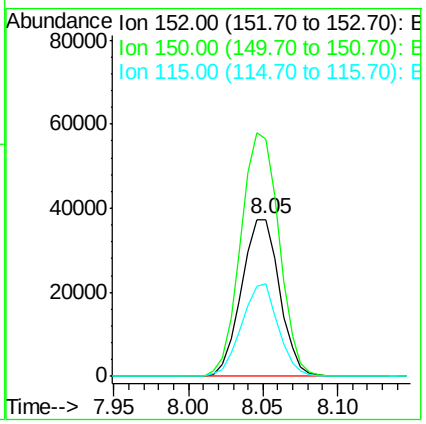


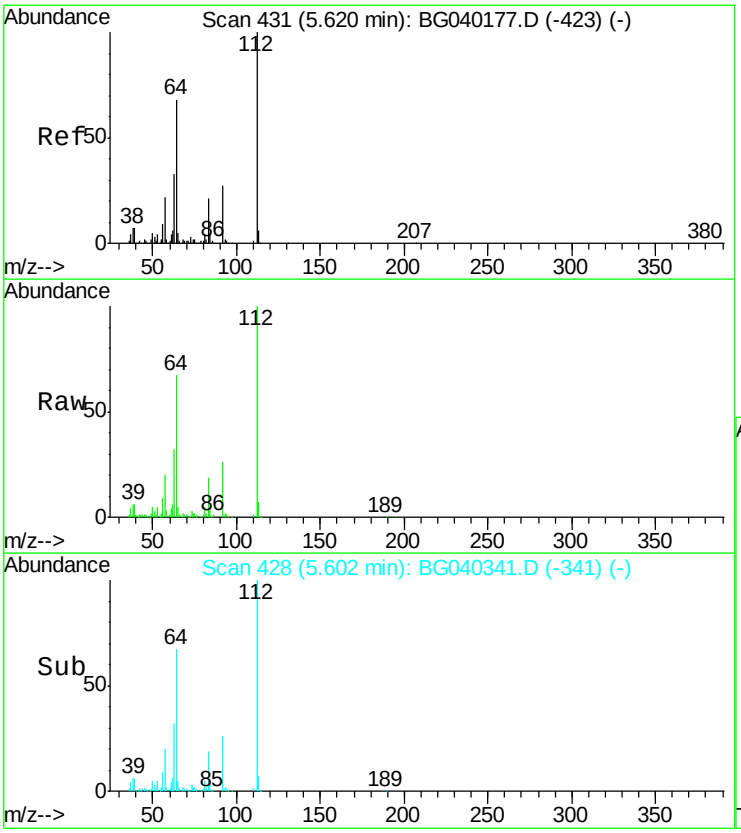
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 65687

Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.7	185.5
115	58.7	46.9	70.3

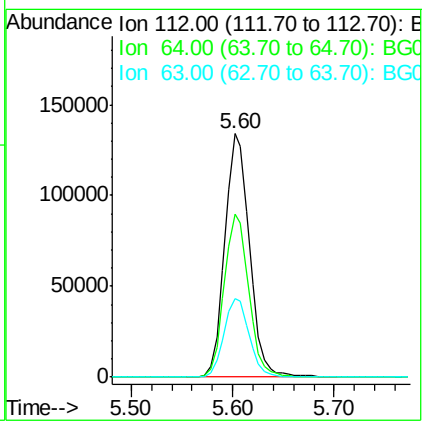


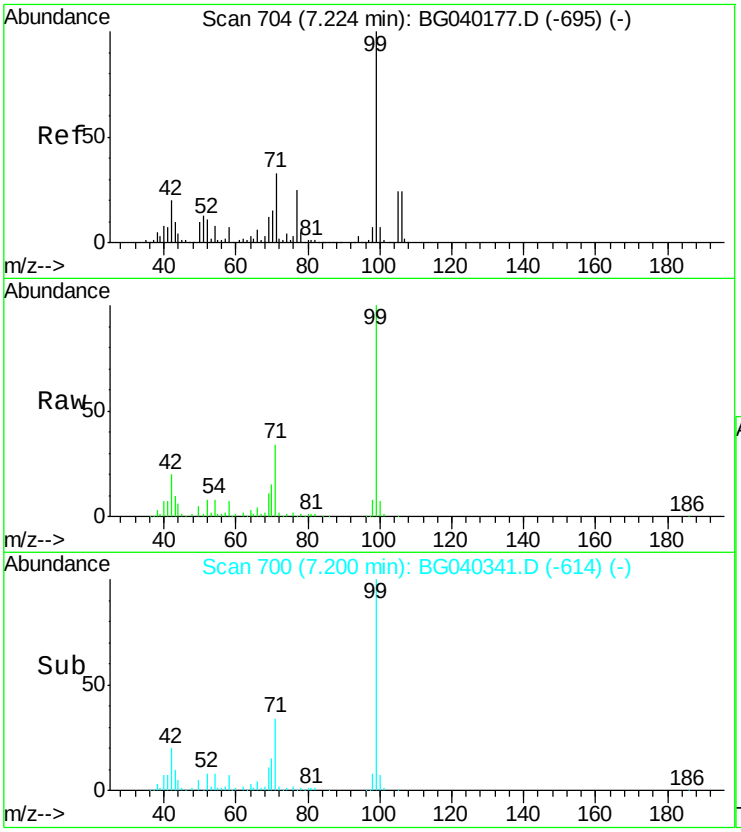


#5
2-Fluorophenol
Concen: 57.293 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:112 Resp: 226381

Ion	Ratio	Lower	Upper
112	100		
64	66.9	54.2	81.2
63	32.4	26.4	39.6



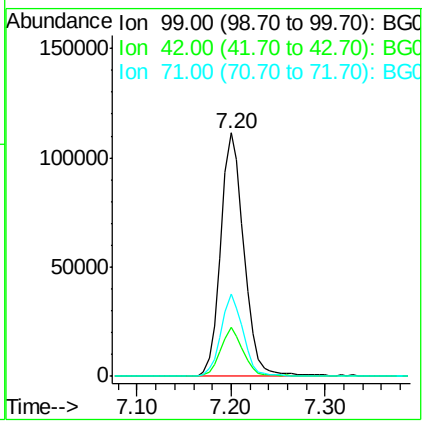


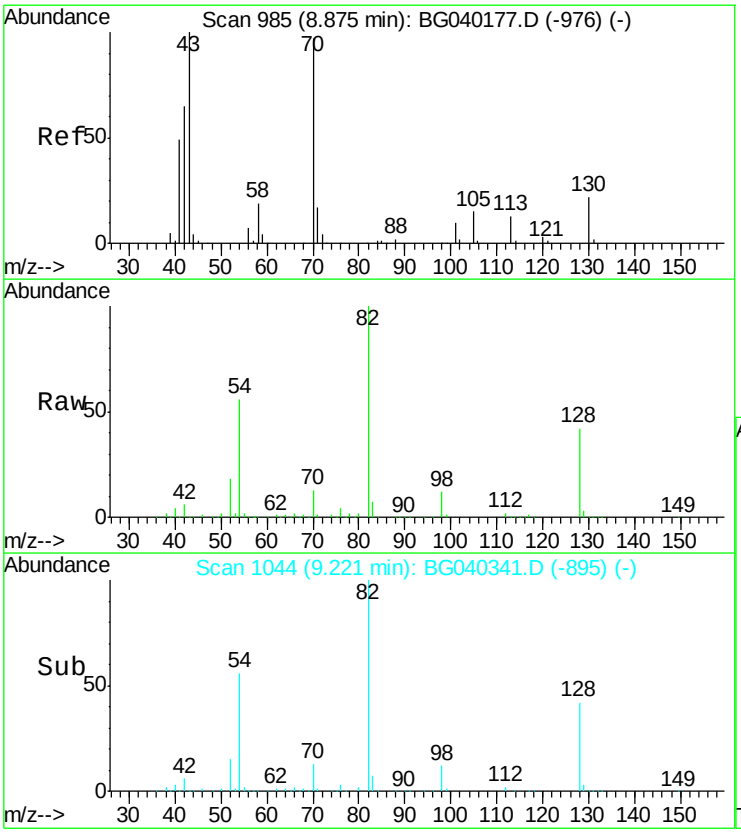
#7
Phenol-d6
Concen: 35.256 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 192527

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	33.8	26.8	40.2

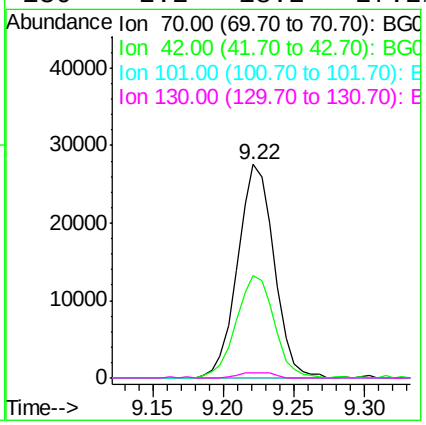


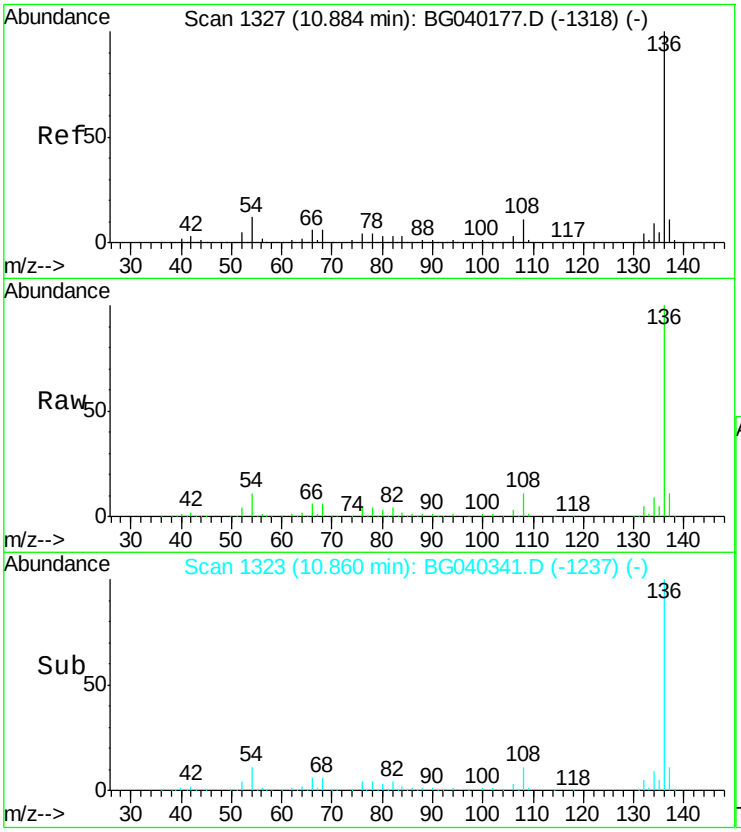


#19
n-Nitroso-di-n-propylamine
Concen: 12.678 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion: 70 Resp: 49636

Ion	Ratio	Lower	Upper
70	100		
42	48.2	54.0	81.0#
101	0.0	8.6	13.0#
130	2.2	18.2	27.2#



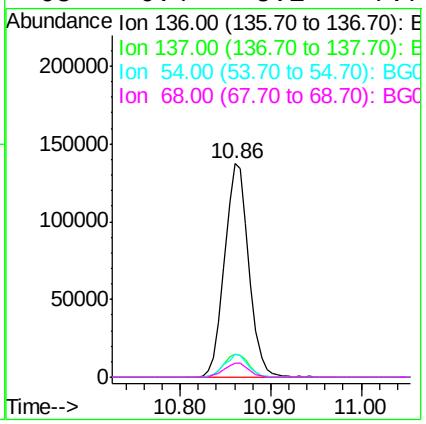


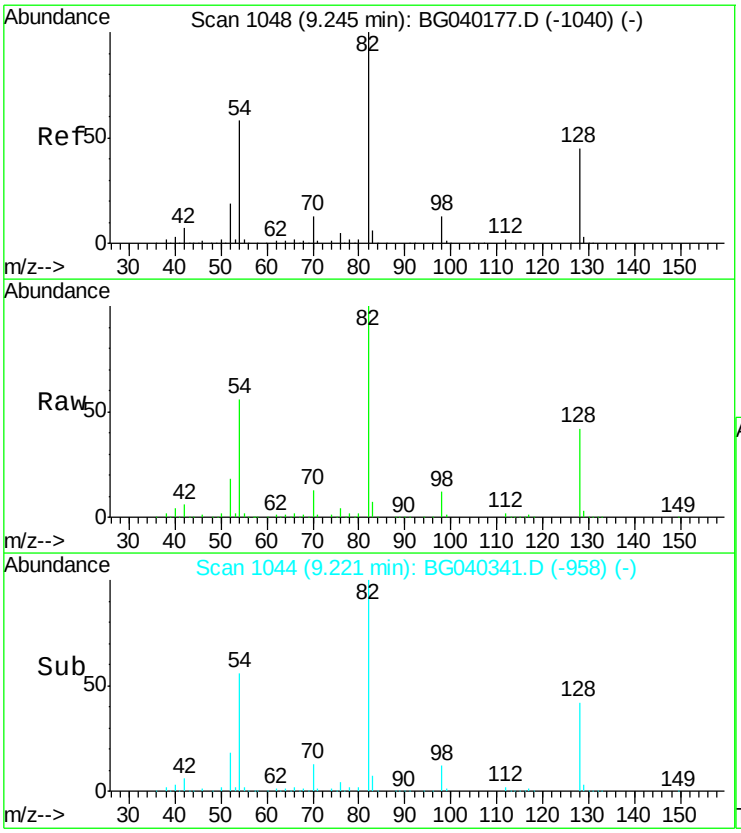
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 254717

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.0	9.6	14.4
68	6.4	5.1	7.7

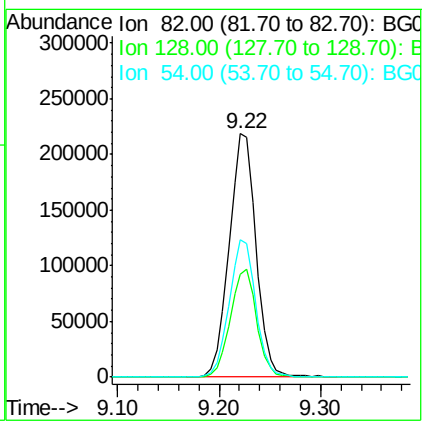


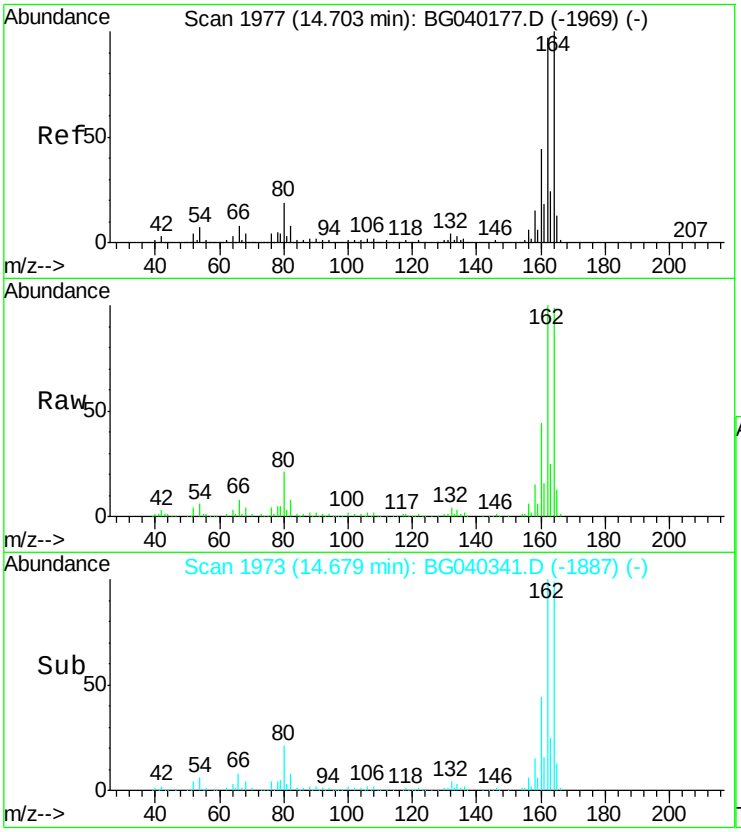


#23
Nitrobenzene-d5
Concen: 84.038 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion: 82 Resp: 402720

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.8	53.8
54	56.3	46.2	69.2



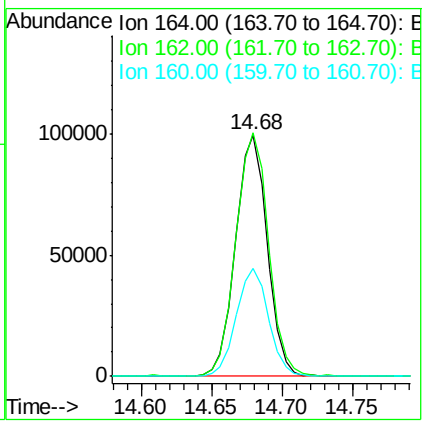


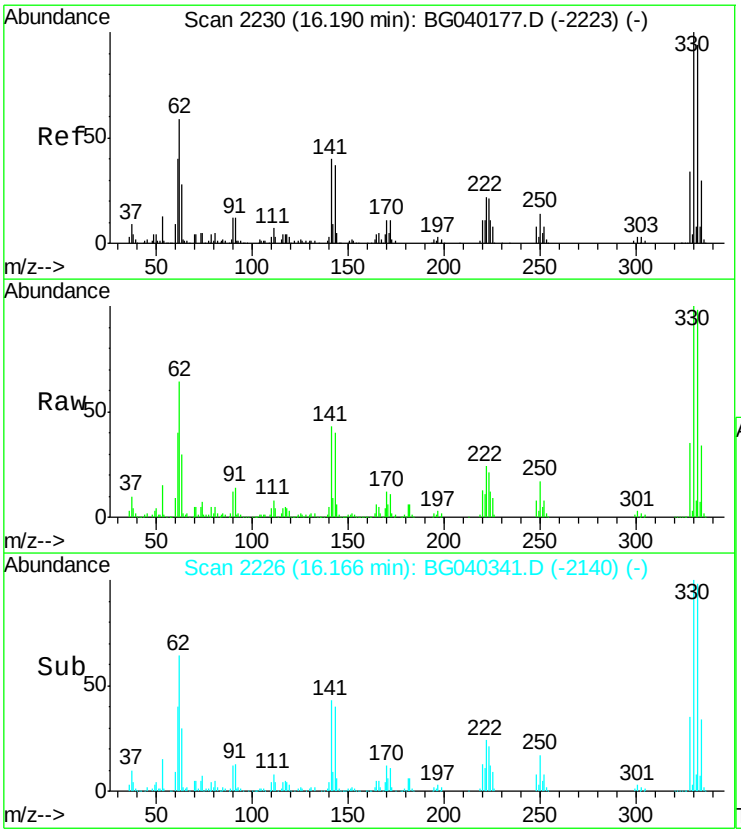
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 155834

Ion	Ratio	Lower	Upper
164	100		
162	100.9	77.4	116.2
160	44.8	35.3	52.9

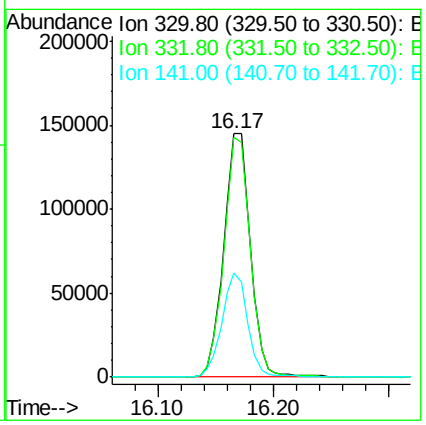


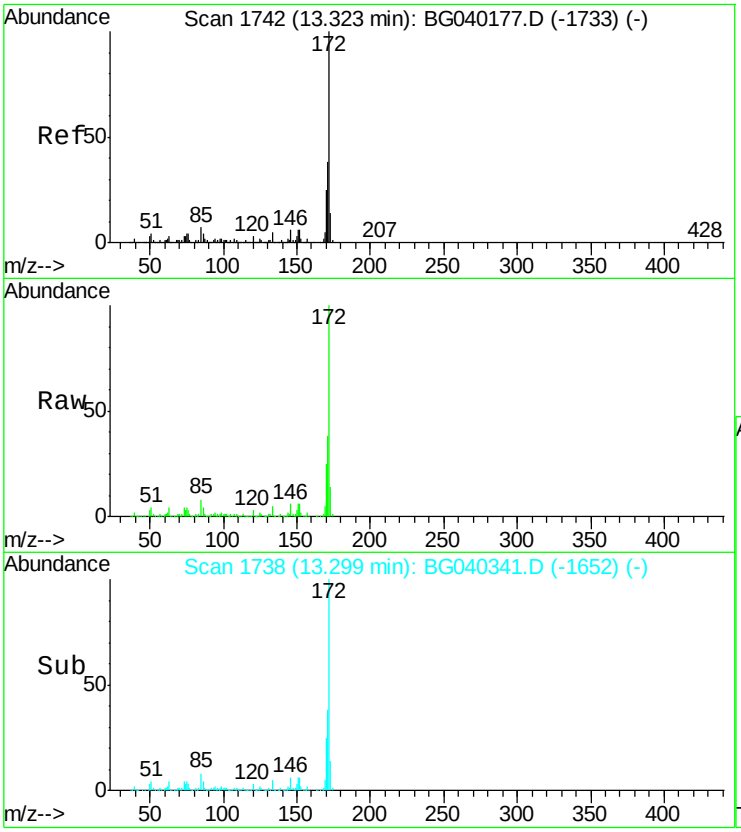


#42
2,4,6-Tribromophenol
Concen: 137.792 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:330 Resp: 232064

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	41.1	32.6	48.8



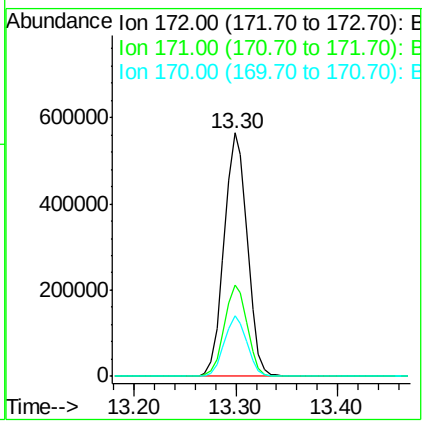


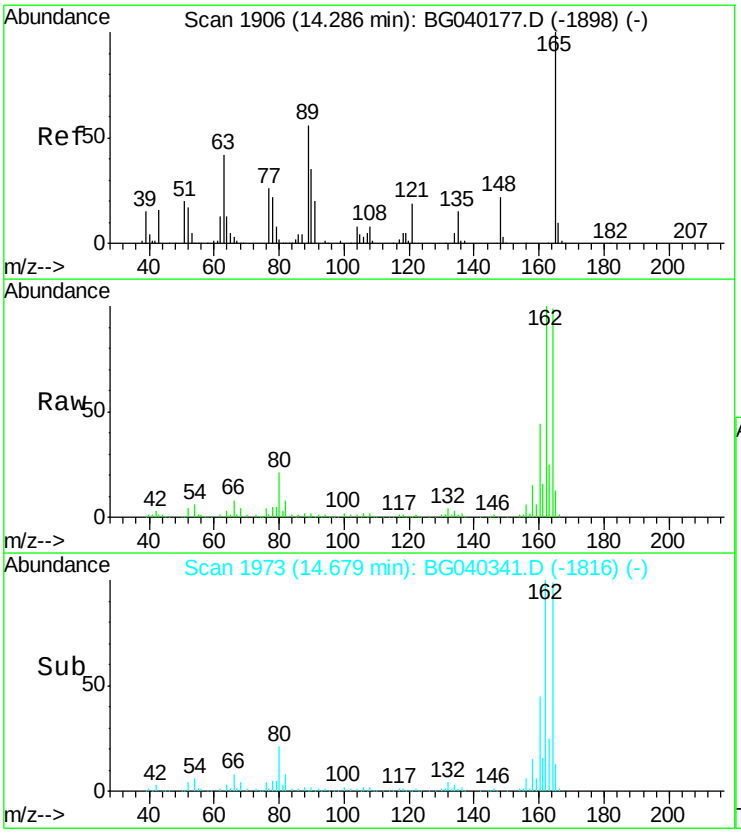
#45
2-Fluorobiphenyl
Concen: 84.920 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 893084

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.9	20.1	30.1

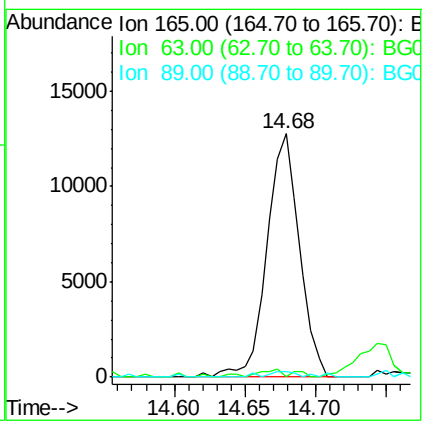


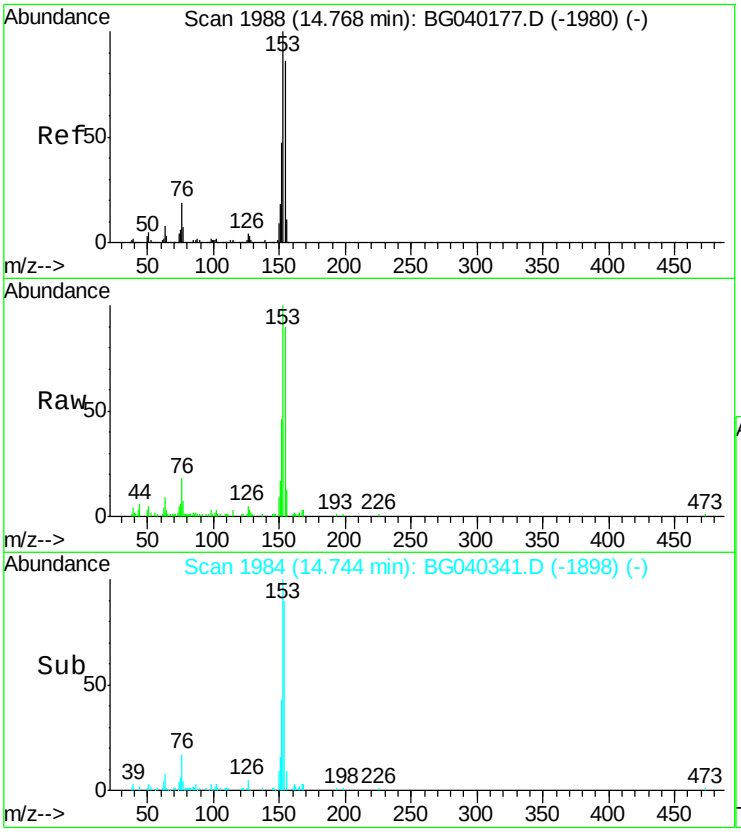


#51
2,6-Dinitrotoluene
Concen: 7.491 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:165 Resp: 20515

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.3	44.9	67.3#



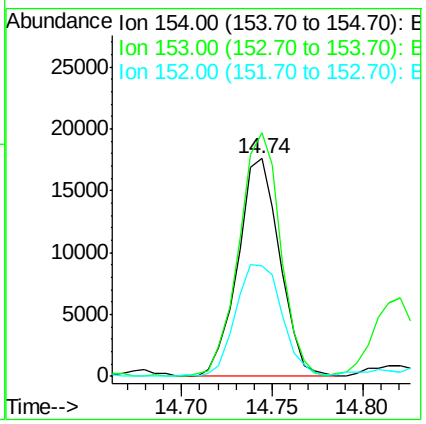


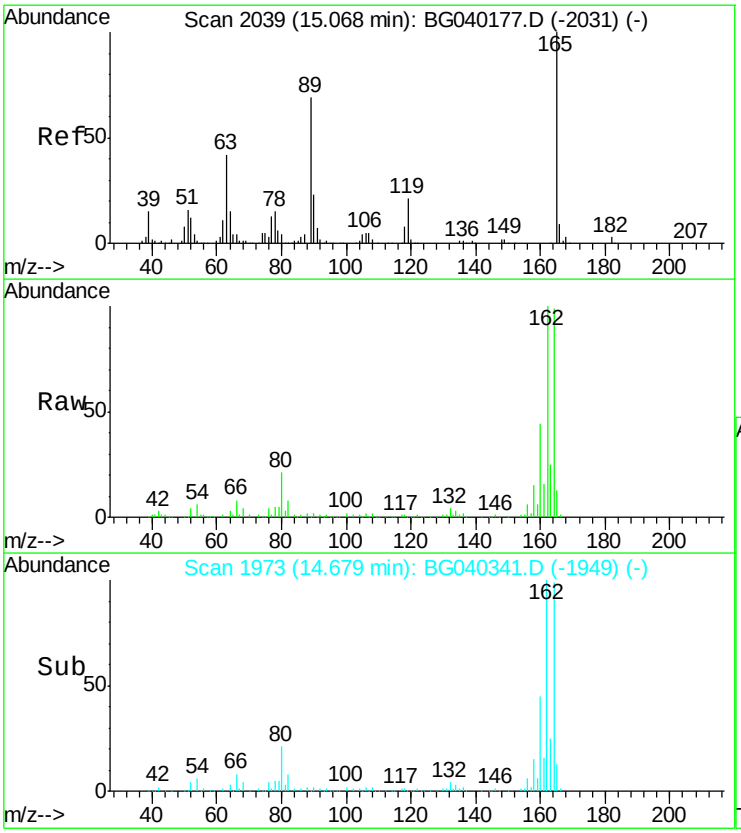
#52
Acenaphthene
Concen: 3.073 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 28195

Ion	Ratio	Lower	Upper
154	100		
153	111.7	92.8	139.2
152	50.9	43.4	65.2

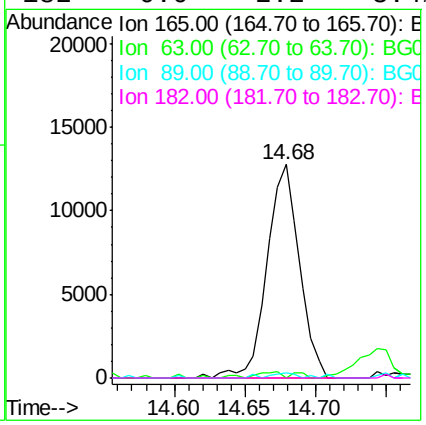


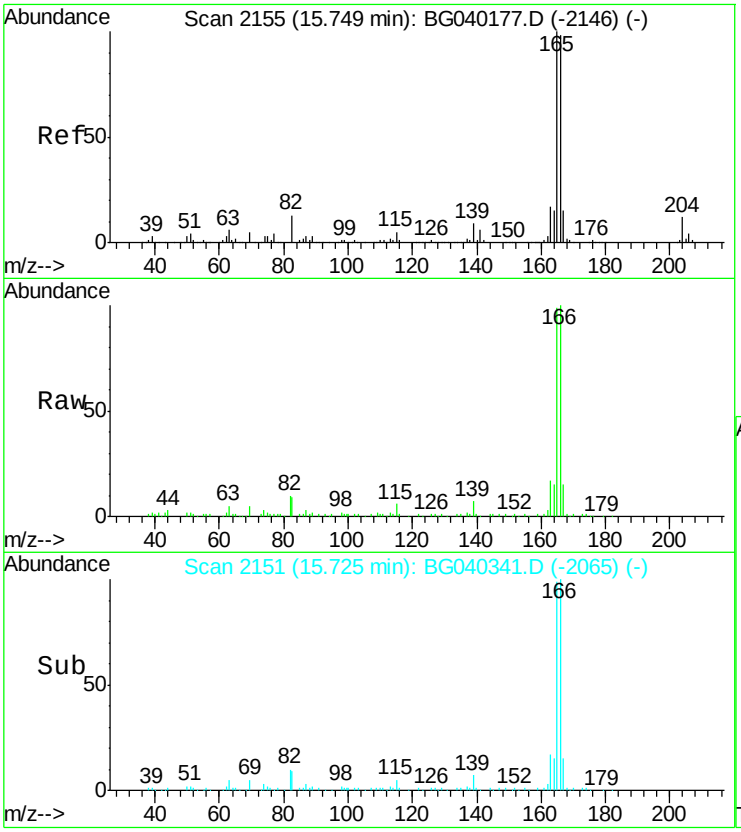


#57
2,4-Dinitrotoluene
Concen: 5.391 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:165 Resp: 20515

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.3	55.4	83.2#
182	0.0	2.2	3.4#



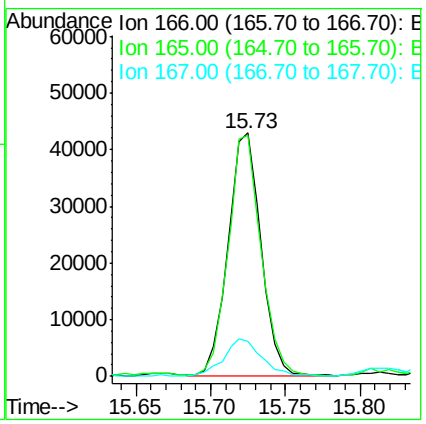


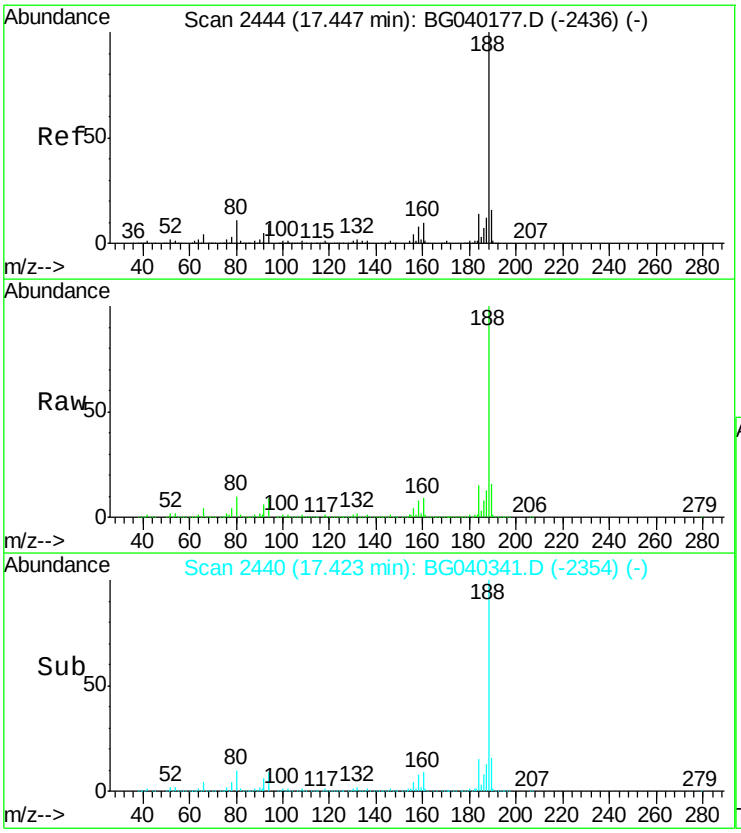
#58
Fluorene
Concen: 5.738 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 66516

Ion	Ratio	Lower	Upper
166	100		
165	99.2	81.7	122.5
167	14.6	11.9	17.9

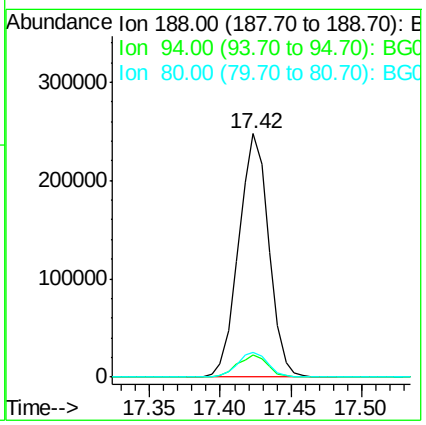


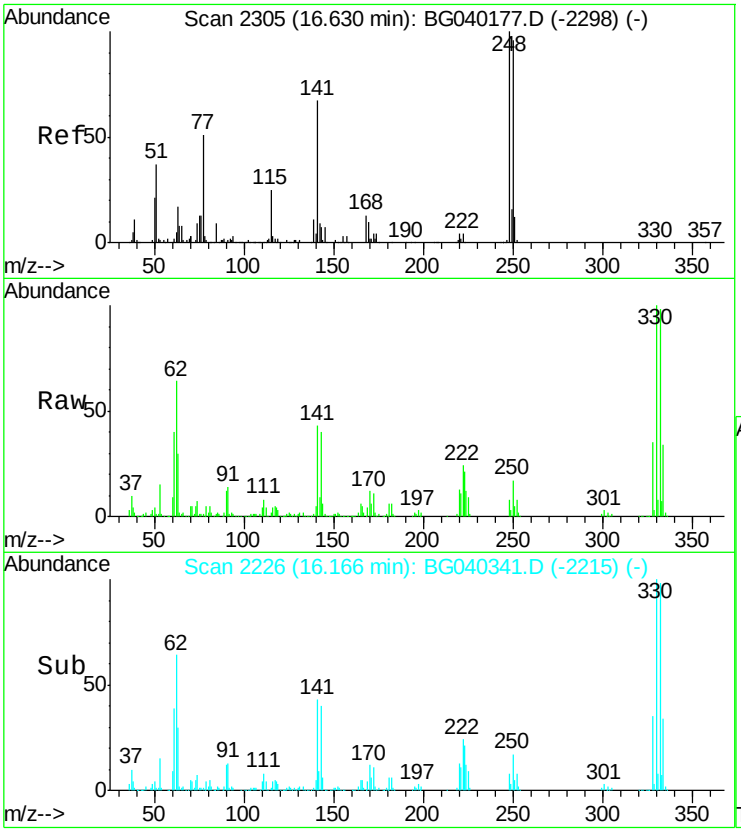


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:188 Resp: 367890

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.3	8.6	13.0



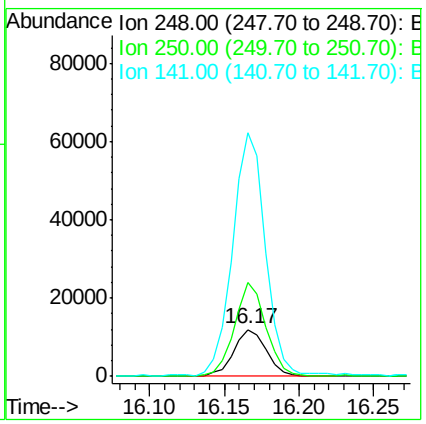


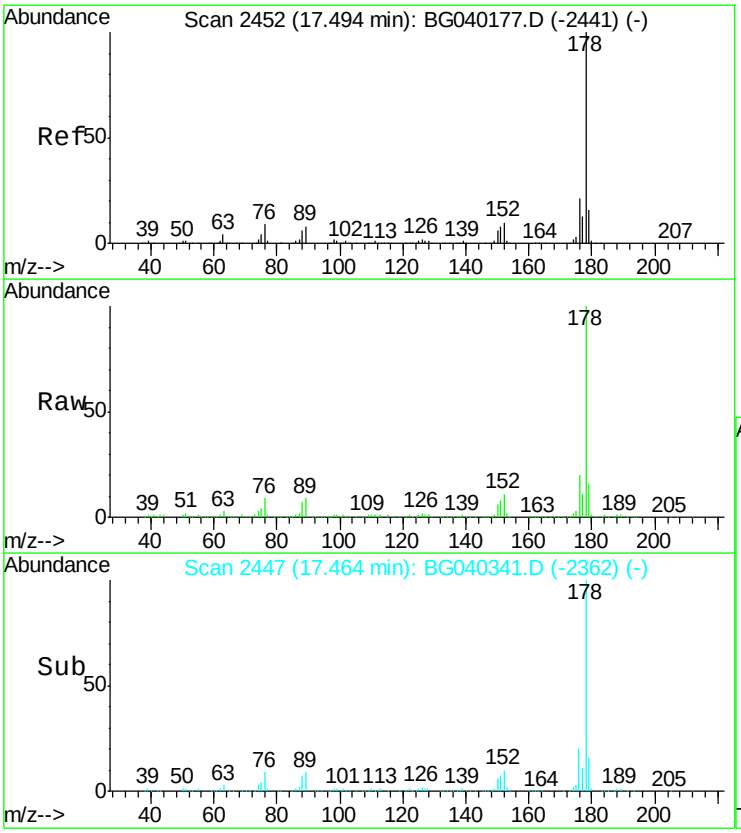
#67
4-Bromophenyl-phenylether
Concen: 4.390 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18175

Ion	Ratio	Lower	Upper
248	100		
250	202.0	76.4	114.6#
141	523.3	53.8	80.8#

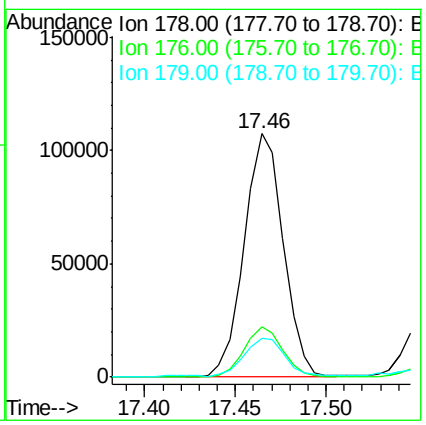


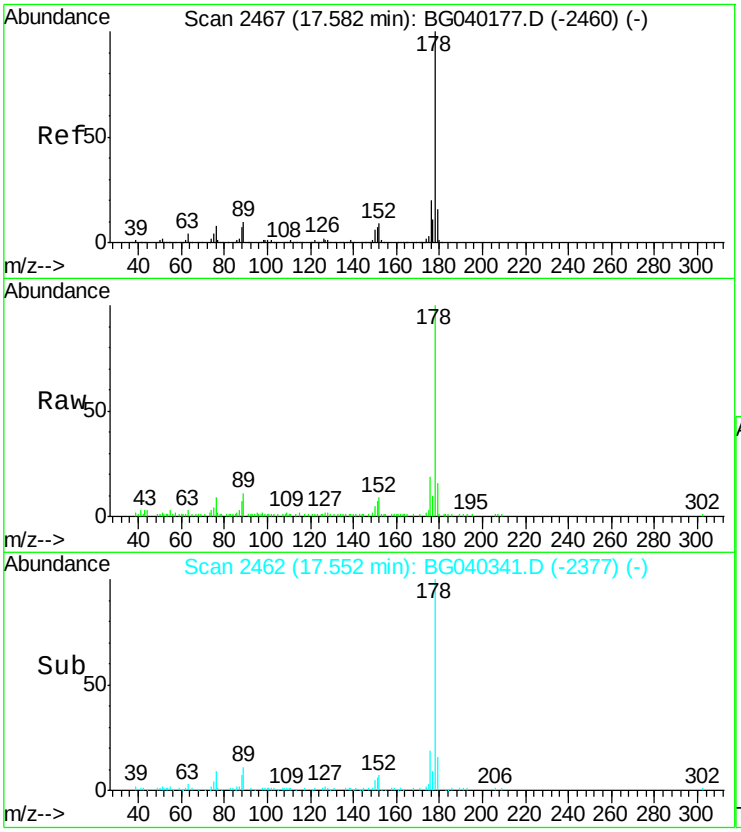


#71
Phenanthrene
Concen: 8.278 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:178 Resp: 160077

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.7	25.1
179	15.7	12.8	19.2



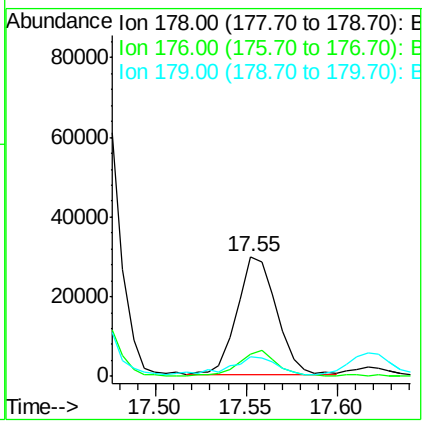


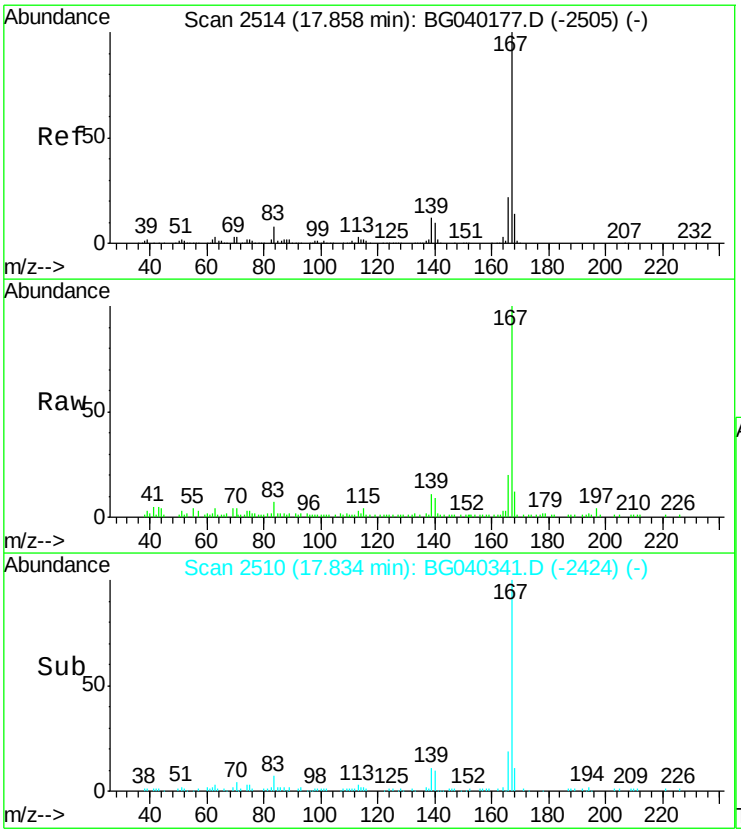
#72
Anthracene
Concen: 2.290 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 44321

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	16.4	12.9	19.3

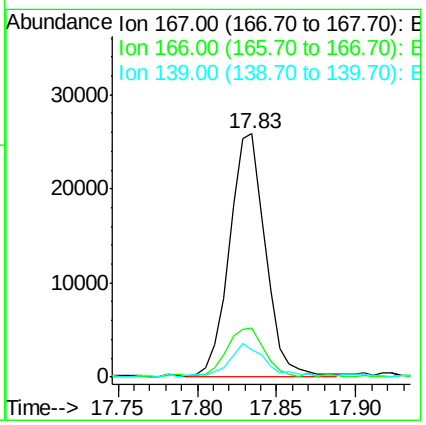


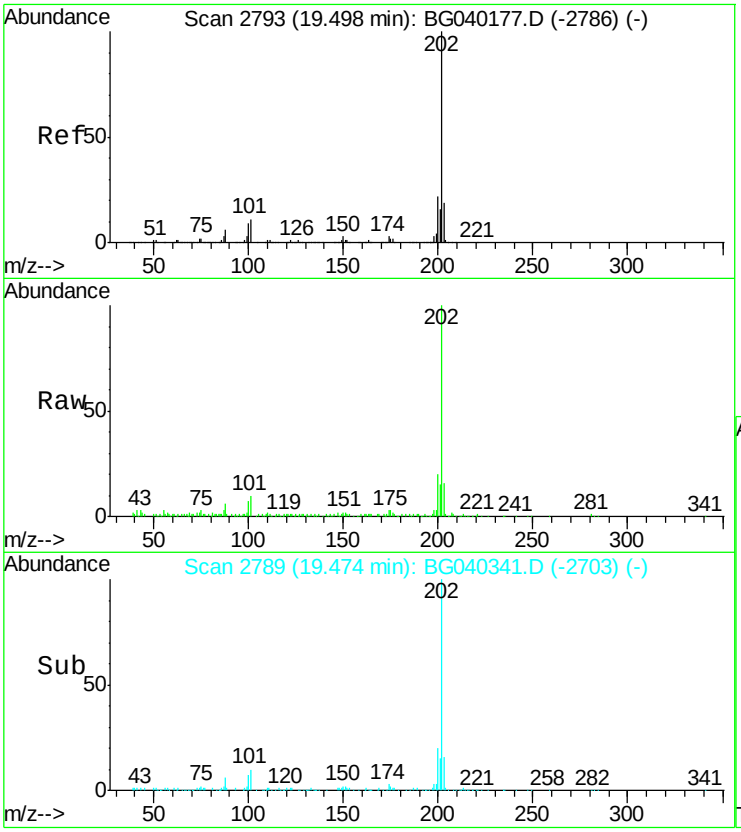


#73
Carbazole
Concen: 2.221 ng
RT: 17.83 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:167 Resp: 40686

Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.5	26.3
139	11.1	10.0	15.0



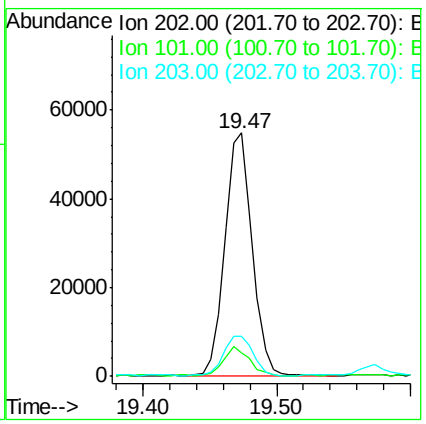


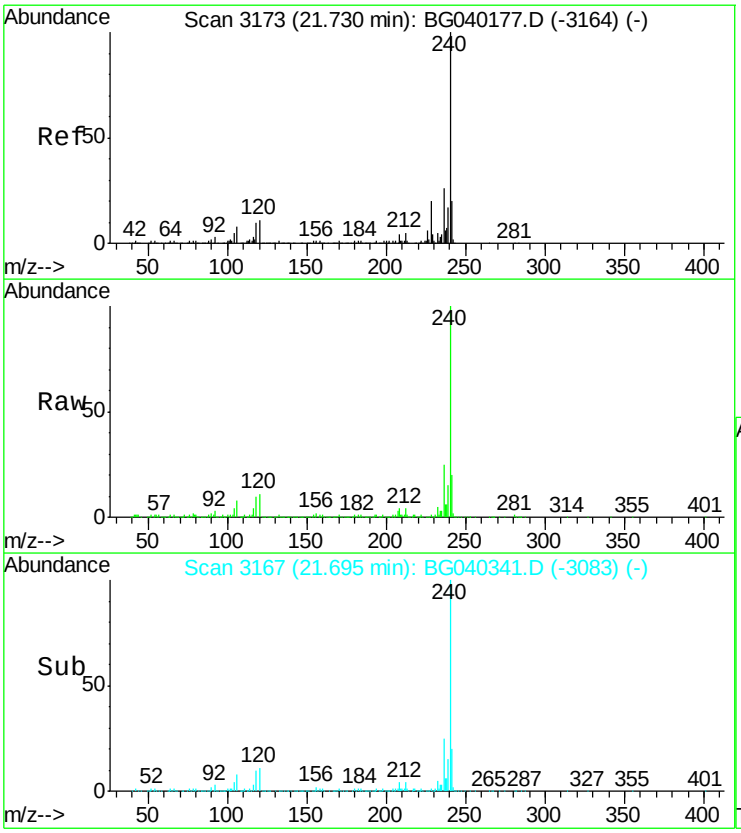
#75
Fluoranthene
Concen: 3.461 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 79255

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.8
203	16.3	0.0	38.9

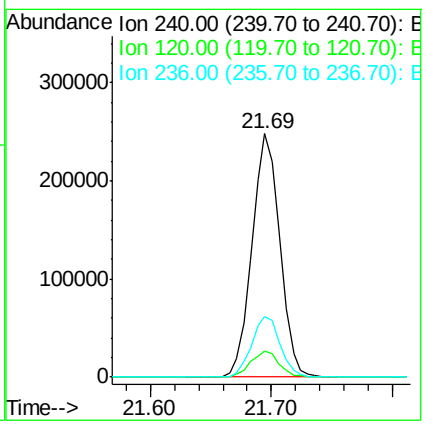


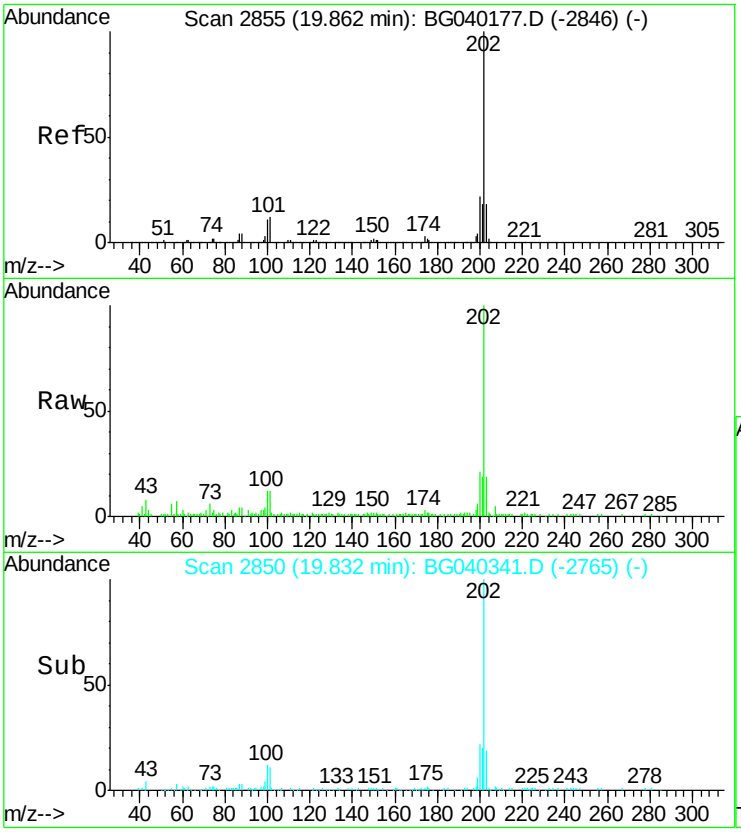


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:240 Resp: 398906

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	25.1	20.8	31.2



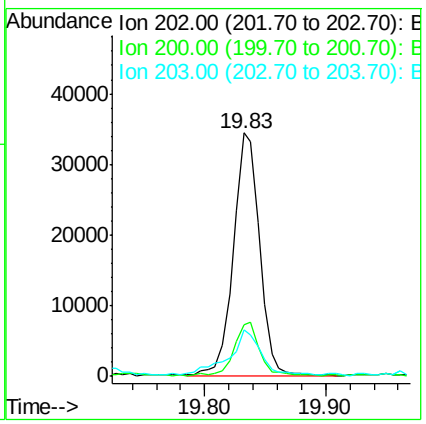


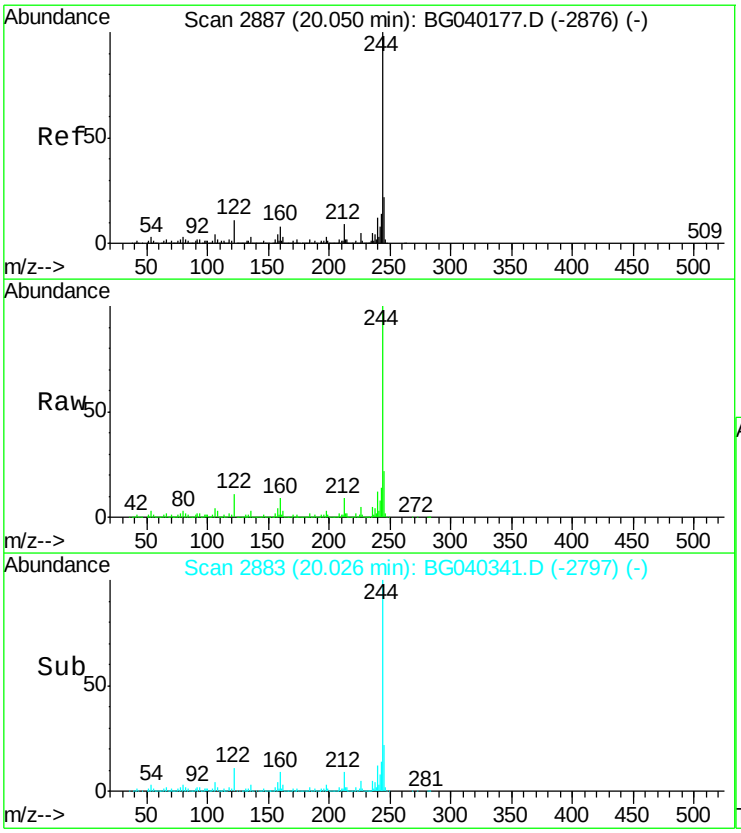
#78
Pyrene
Concen: 2.005 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.03 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 52590

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	18.9	14.6	22.0

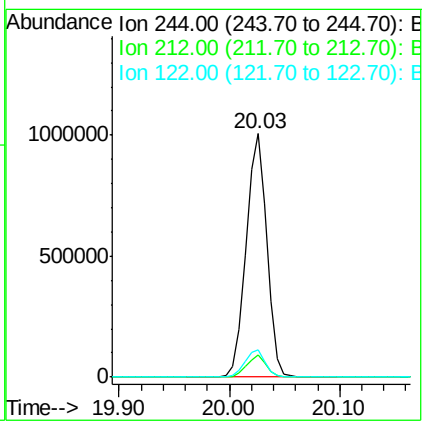


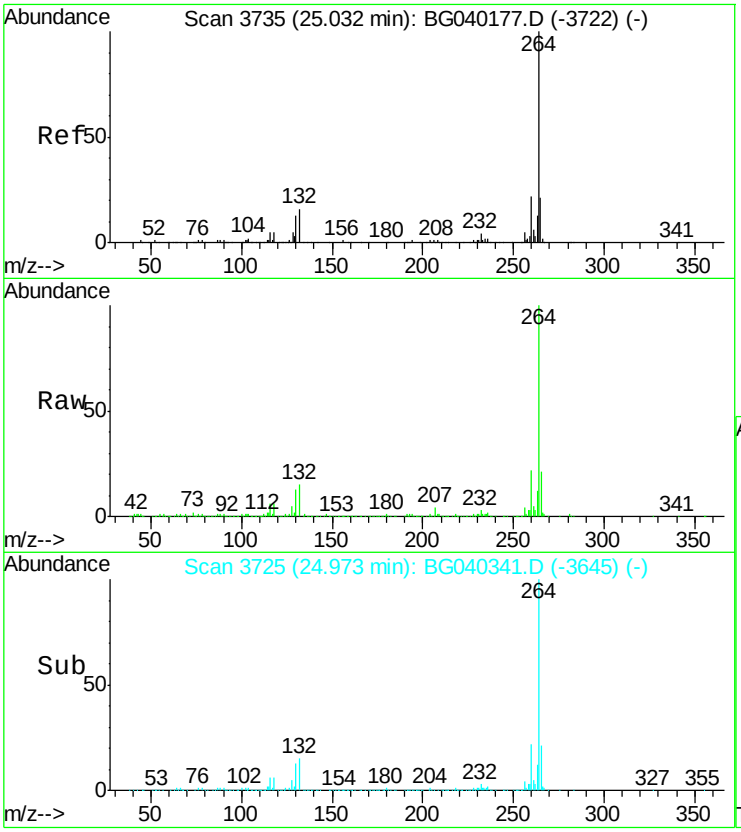


#79
Terphenyl-d14
Concen: 74.856 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Tgt Ion:244 Resp: 1327341

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.4	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040341.D
Acq: 4 Apr 2019 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 423103

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	21.1	16.8	25.2