Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
Data File : BG040410.D
Acq On : 9 Apr 2019 22:28
Operator : JU/SJ
Sample : PB118723BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 10 00:53:39 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	39700	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	155165	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	91943	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	253190	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	296498	20.00	ng	-0.04
87) Perylene-d12	24.97	264	309904	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	187285	78.42	ng	-0.02
7) Phenol-d6	7.20	99	256237	77.64	ng	-0.02
23) Nitrobenzene-d5	9.22	82	146513	50.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	70168	70.62	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	353614	56.99	ng	-0.02
79) Terphenyl-d14	20.02	244	685146	51.98	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	17581	7.430	ng	# 65
51) 2,6-Dinitrotoluene	14.68	165	11619	7.191	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	11619	5.175	ng	# 24

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

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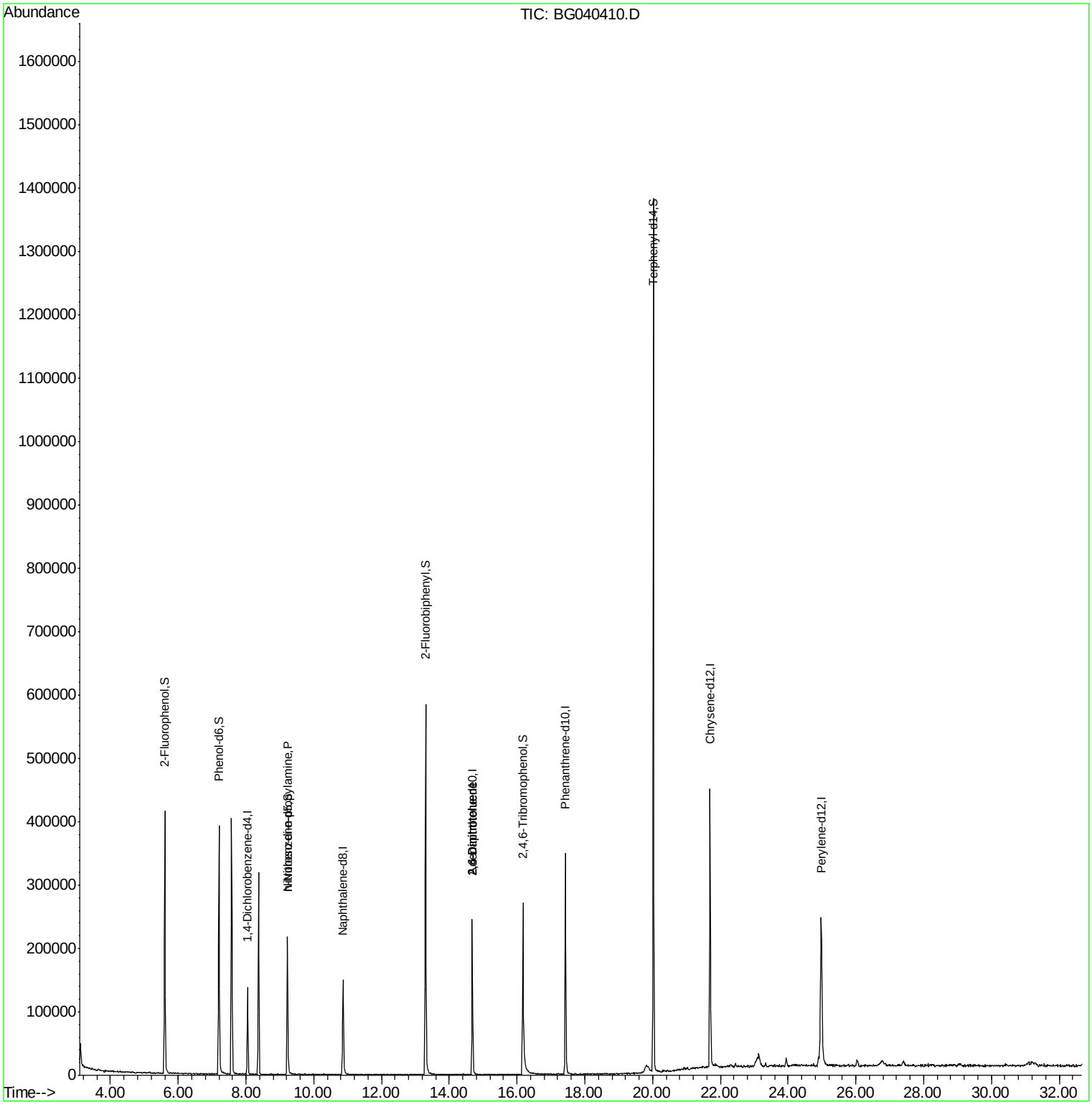
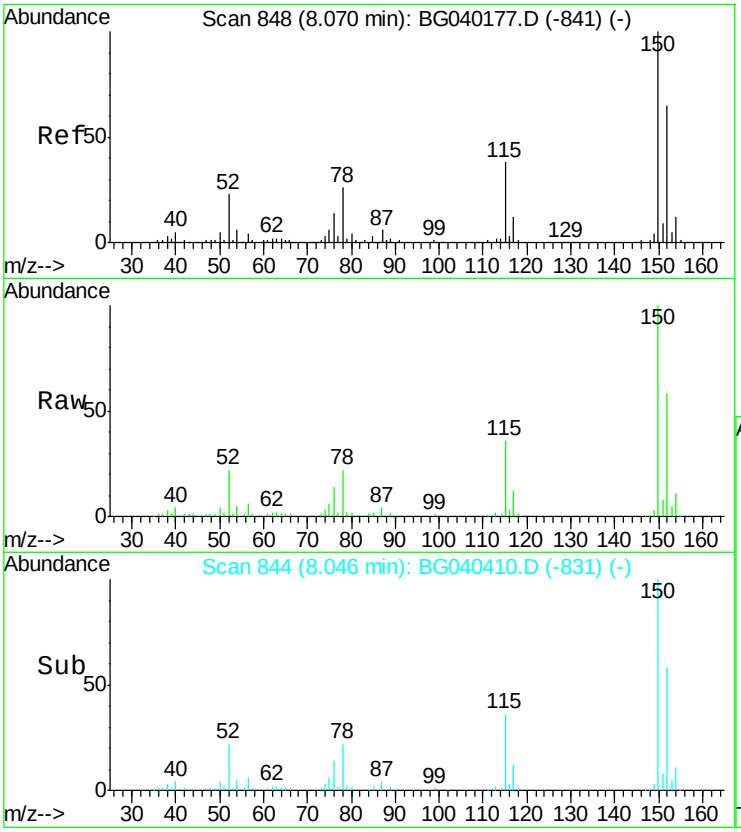
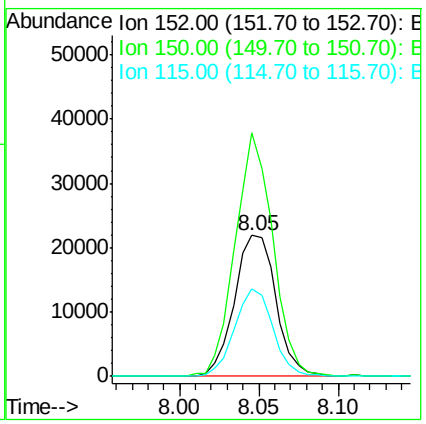




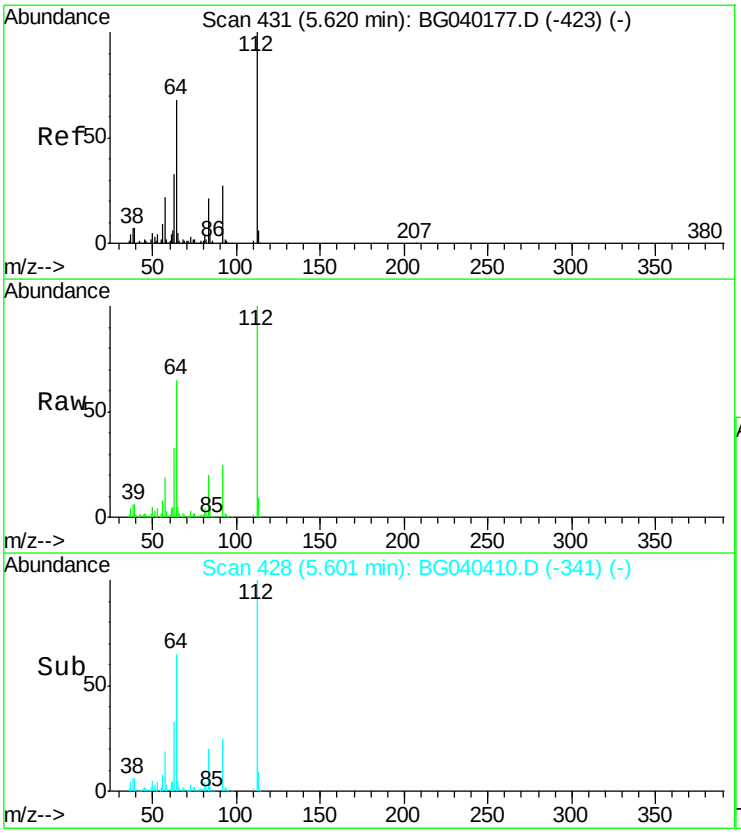
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:152 Resp: 39700

Ion	Ratio	Lower	Upper
152	100		
150	173.0	123.7	185.5
115	62.5	46.9	70.3



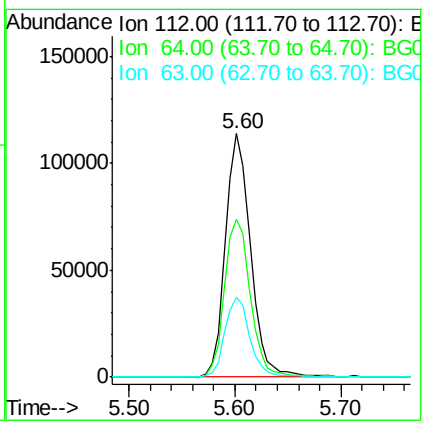
Instrument :
BNA_G
ClientSampleId :

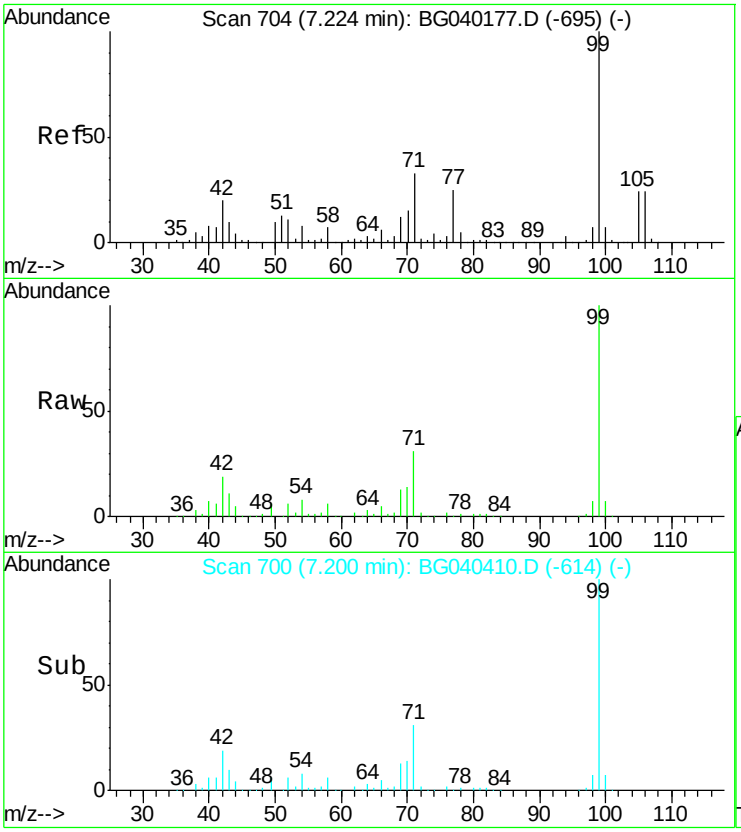


#5
2-Fluorophenol
Concen: 78.424 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:112 Resp: 187285

Ion	Ratio	Lower	Upper
112	100		
64	64.9	54.2	81.2
63	32.7	26.4	39.6



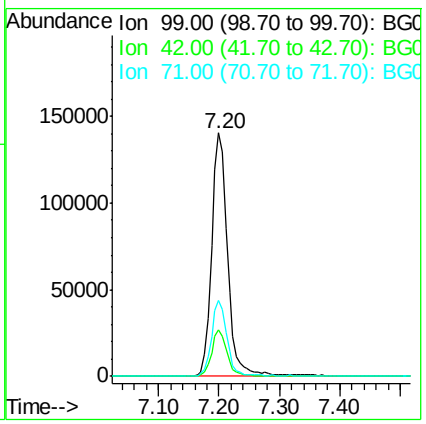


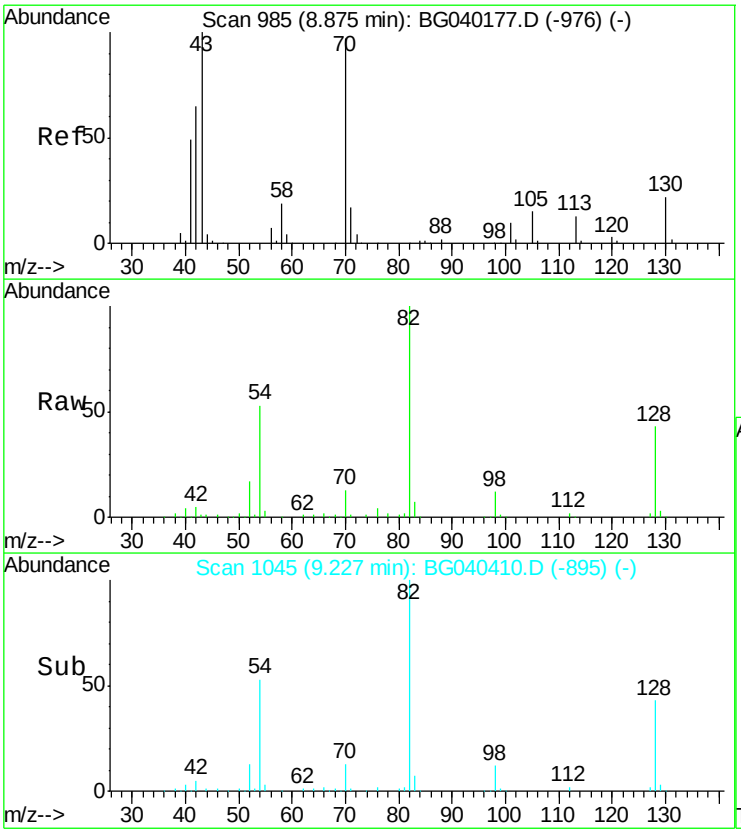
#7
Phenol-d6
Concen: 77.638 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 256237

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	31.0	26.8	40.2

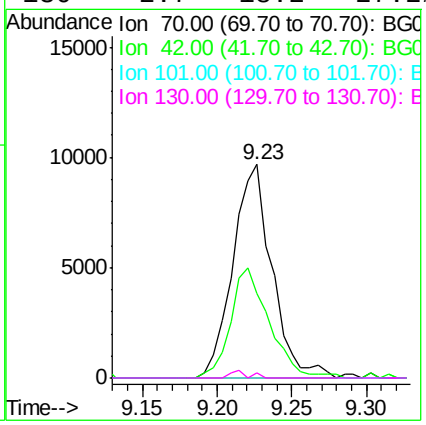


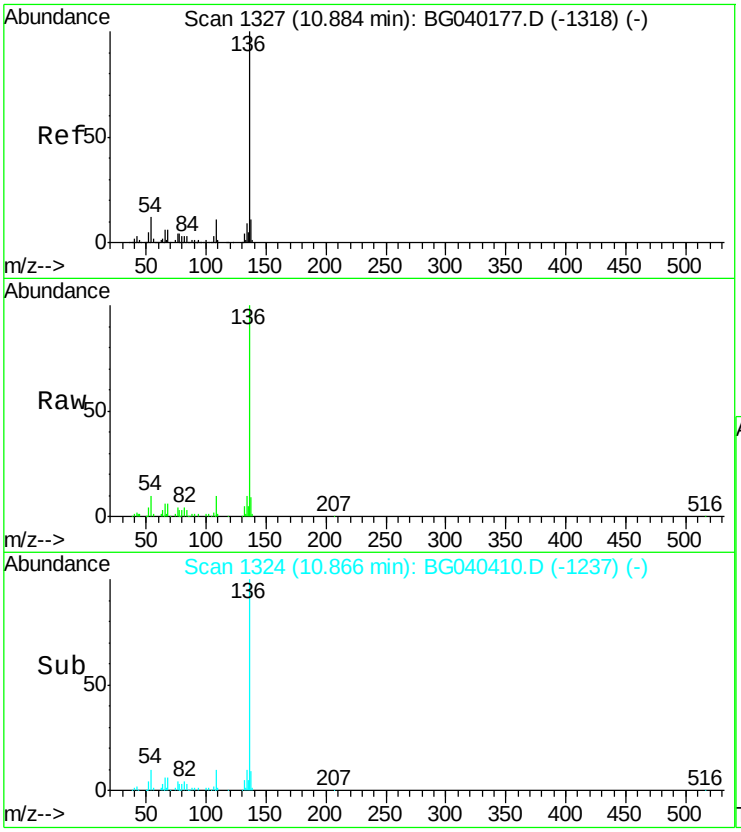


#19
n-Nitroso-di-n-propylamine
Concen: 7.430 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion: 70 Resp: 17581

Ion	Ratio	Lower	Upper
70	100		
42	39.7	54.0	81.0#
101	0.0	8.6	13.0#
130	2.7	18.2	27.2#



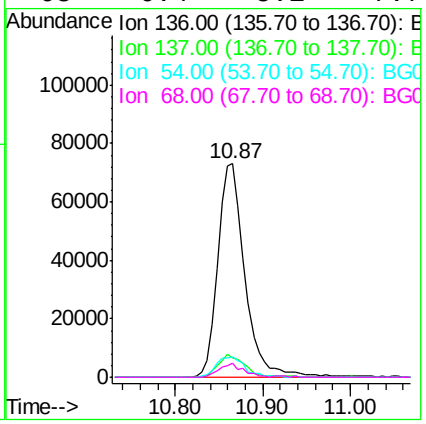


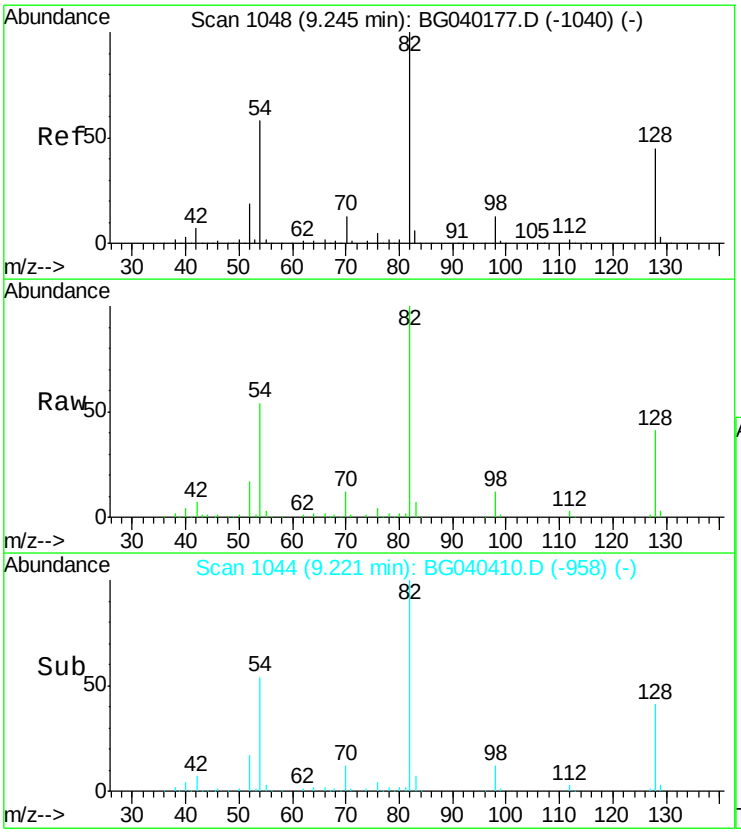
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 155165

Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.9	13.3
54	9.8	9.6	14.4
68	6.4	5.1	7.7

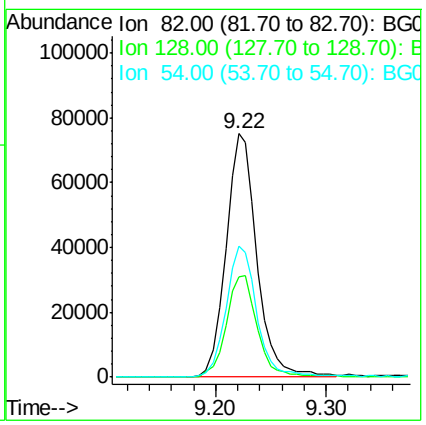


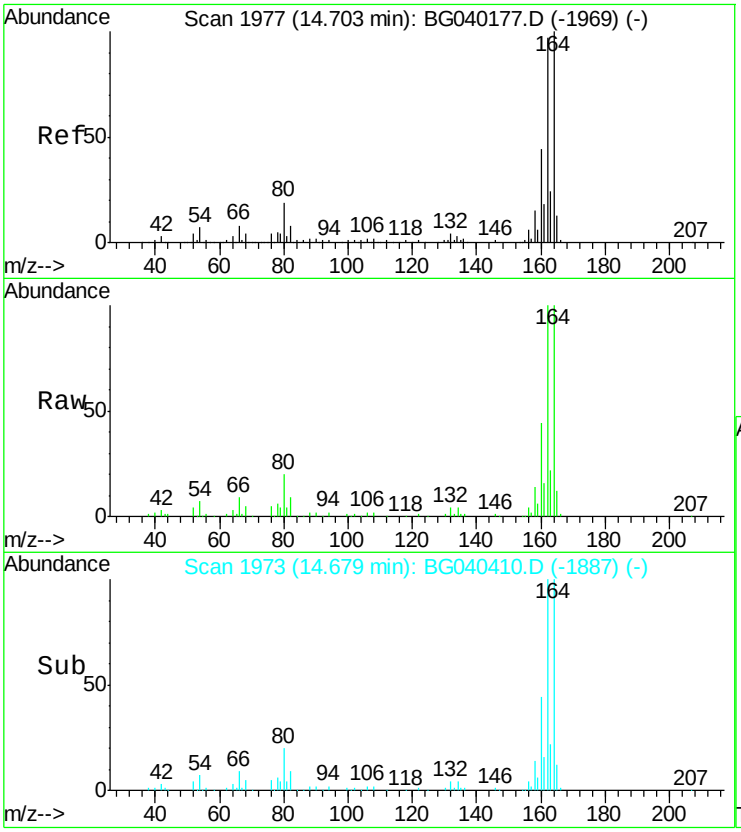


#23
Nitrobenzene-d5
Concen: 50.190 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion: 82 Resp: 146513

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.8	53.8
54	53.6	46.2	69.2



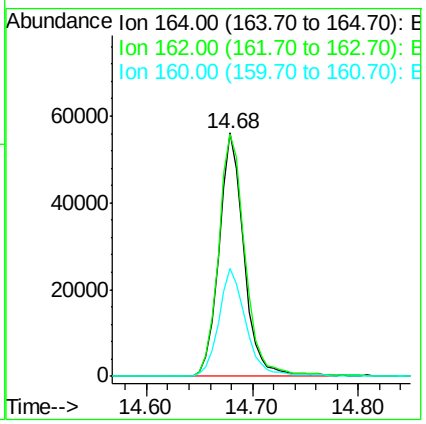


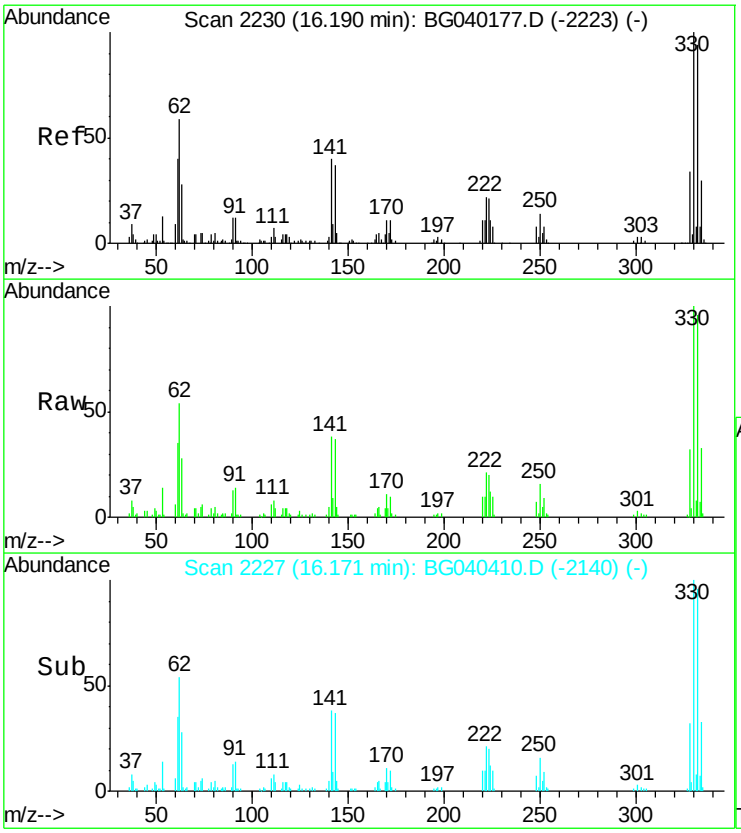
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 91943

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.4	116.2
160	44.1	35.3	52.9

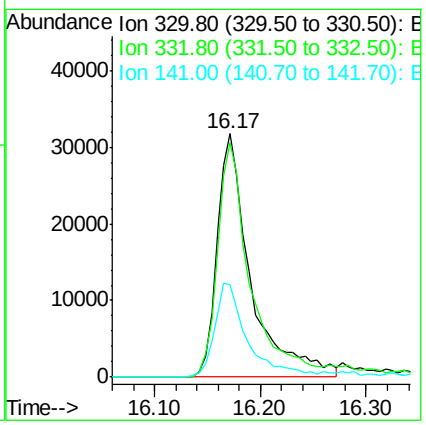


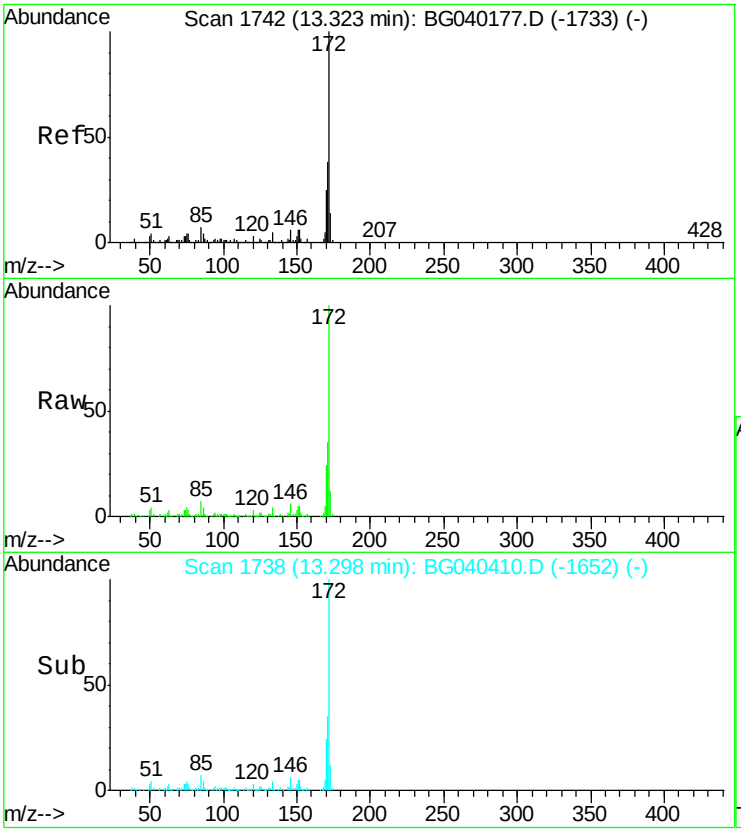


#42
2,4,6-Tribromophenol
Concen: 70.615 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:330 Resp: 70168

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.6	115.0
141	37.6	32.6	48.8



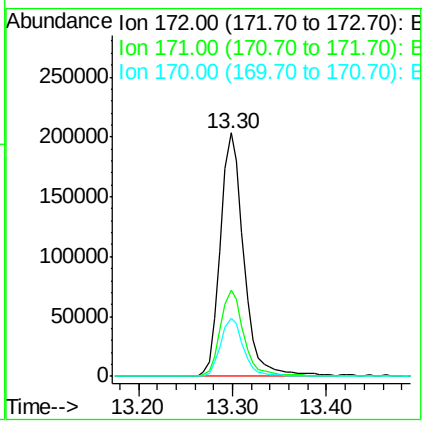


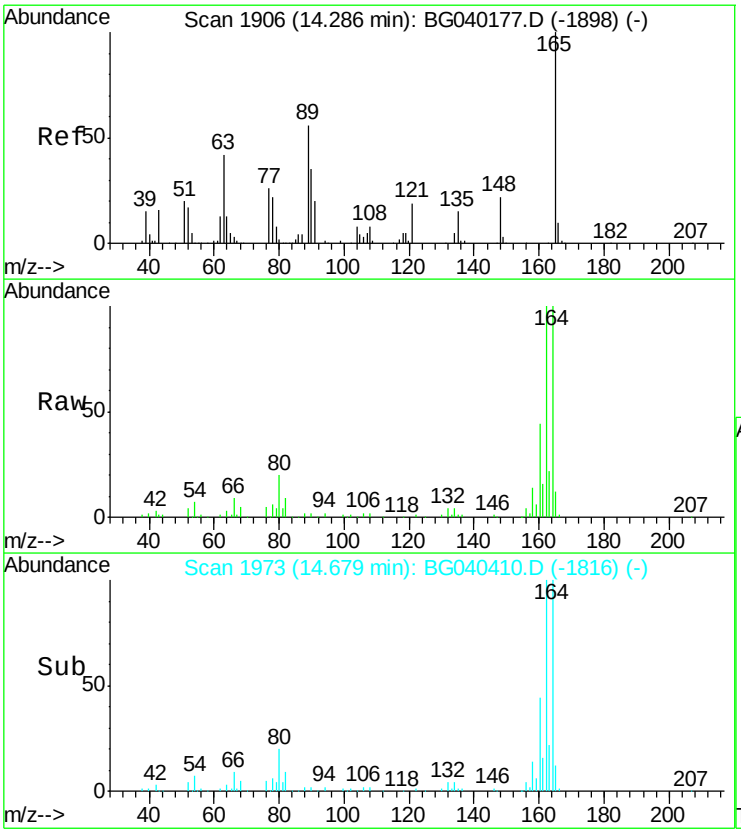
#45
2-Fluorobiphenyl
Concen: 56.989 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 353614

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	24.0	20.1	30.1

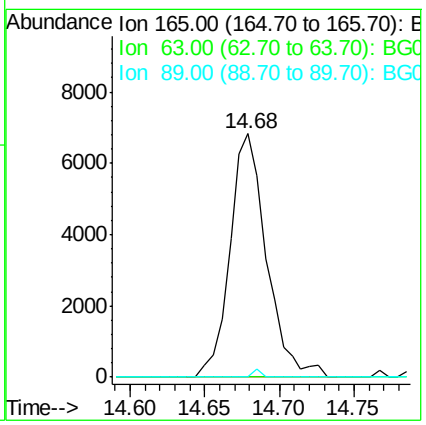


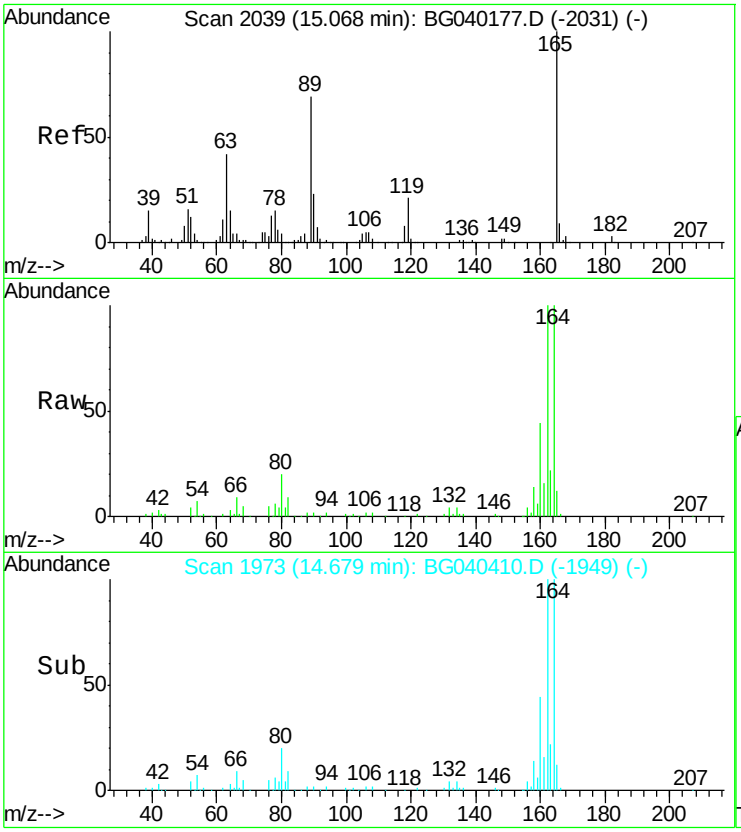


#51
2,6-Dinitrotoluene
Concen: 7.191 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:165 Resp: 11619

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



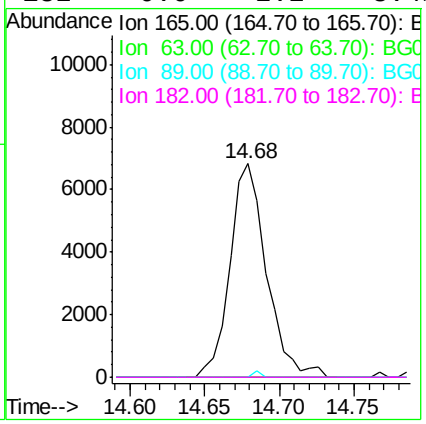


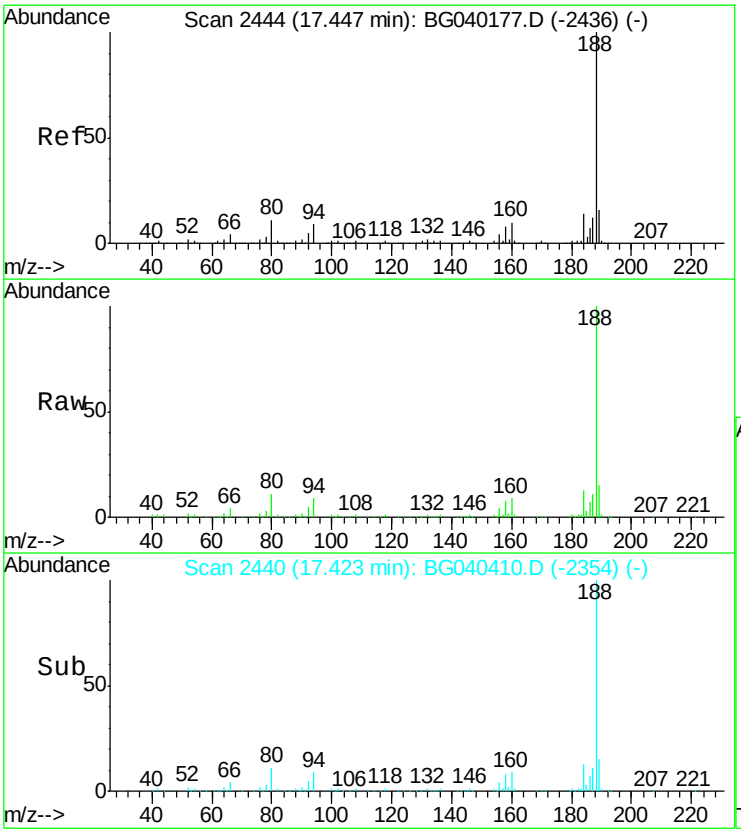
#57
2,4-Dinitrotoluene
Concen: 5.175 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11619

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

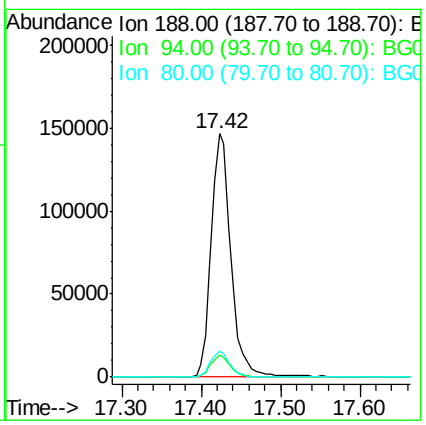


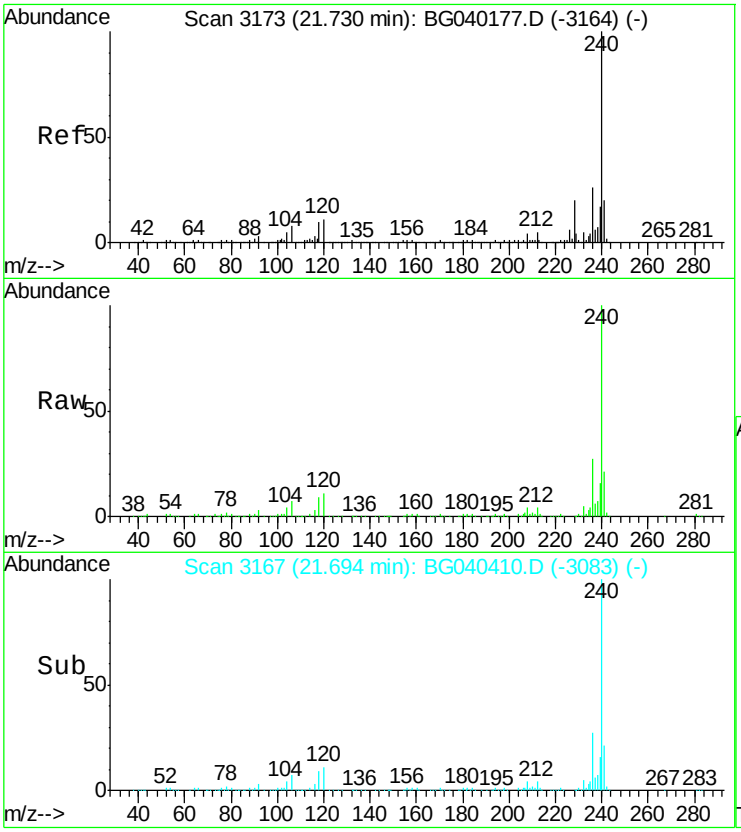


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:188 Resp: 253190

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.6	8.6	13.0



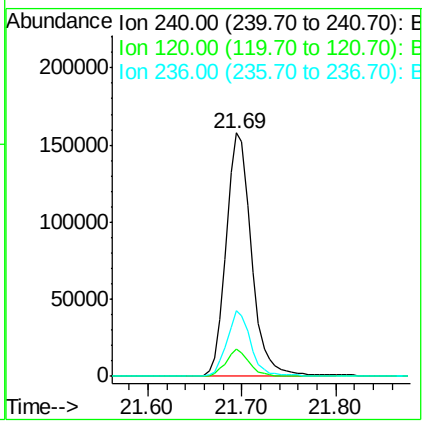


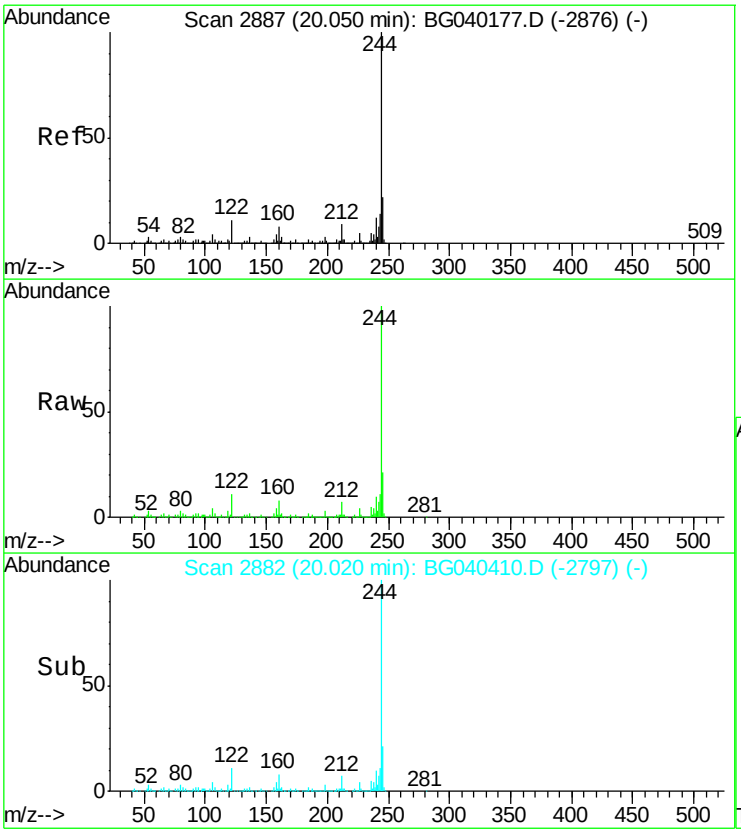
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 296498

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.8	20.8	31.2

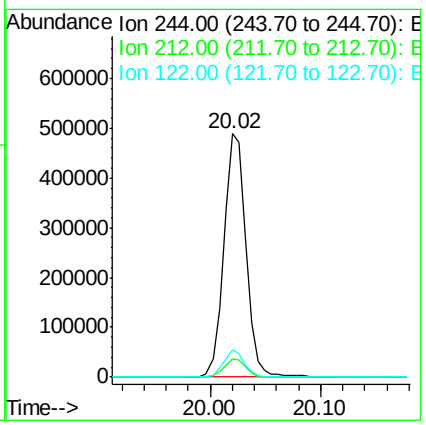


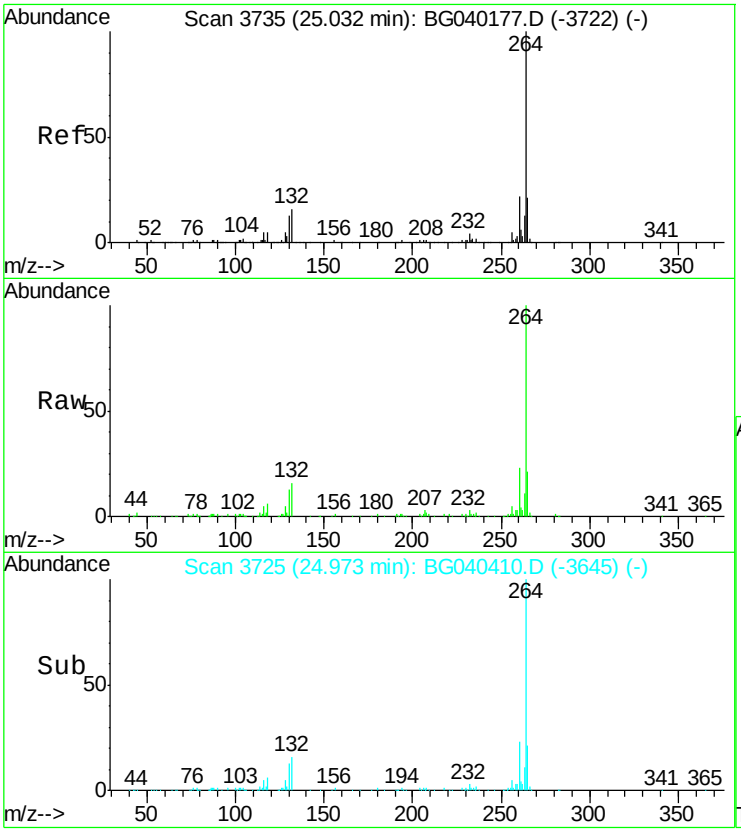


#79
Terphenyl-d14
Concen: 51.985 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040410.D
Acq: 9 Apr 2019 22:28

Tgt Ion:244 Resp: 685146

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.6
122	11.3	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: BG040410.D
Acq: 9 Apr 2019 22:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 309904

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.2	16.8	25.2