Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040506.D
Acq On : 16 Apr 2019 16:49
Operator : JU/SJ
Sample : K2423-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-B

Quant Time: Apr 16 18:22:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49183	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	193682	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	128282	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	360363	20.00	ng		0.00
76) Chrysene-d12	21.69	240	336627	20.00	ng		0.00
87) Perylene-d12	24.97	264	347986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	399432	135.01	ng		0.00
7) Phenol-d6	7.20	99	568446	139.03	ng		0.00
23) Nitrobenzene-d5	9.22	82	337885	92.73	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	226668	163.49	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	745796	86.15	ng		0.00
79) Terphenyl-d14	20.02	244	1292660	86.39	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	42804	14.601	ng	#	75
50) Dimethylphthalate	14.12	163	113939	11.349	ng		98
57) 2,4-Dinitrotoluene	14.67	165	15670	5.003	ng	#	26
67) 4-Bromophenyl-phenylether	16.17	248	17513	4.319	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Apr 2019 16:49
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Misc :
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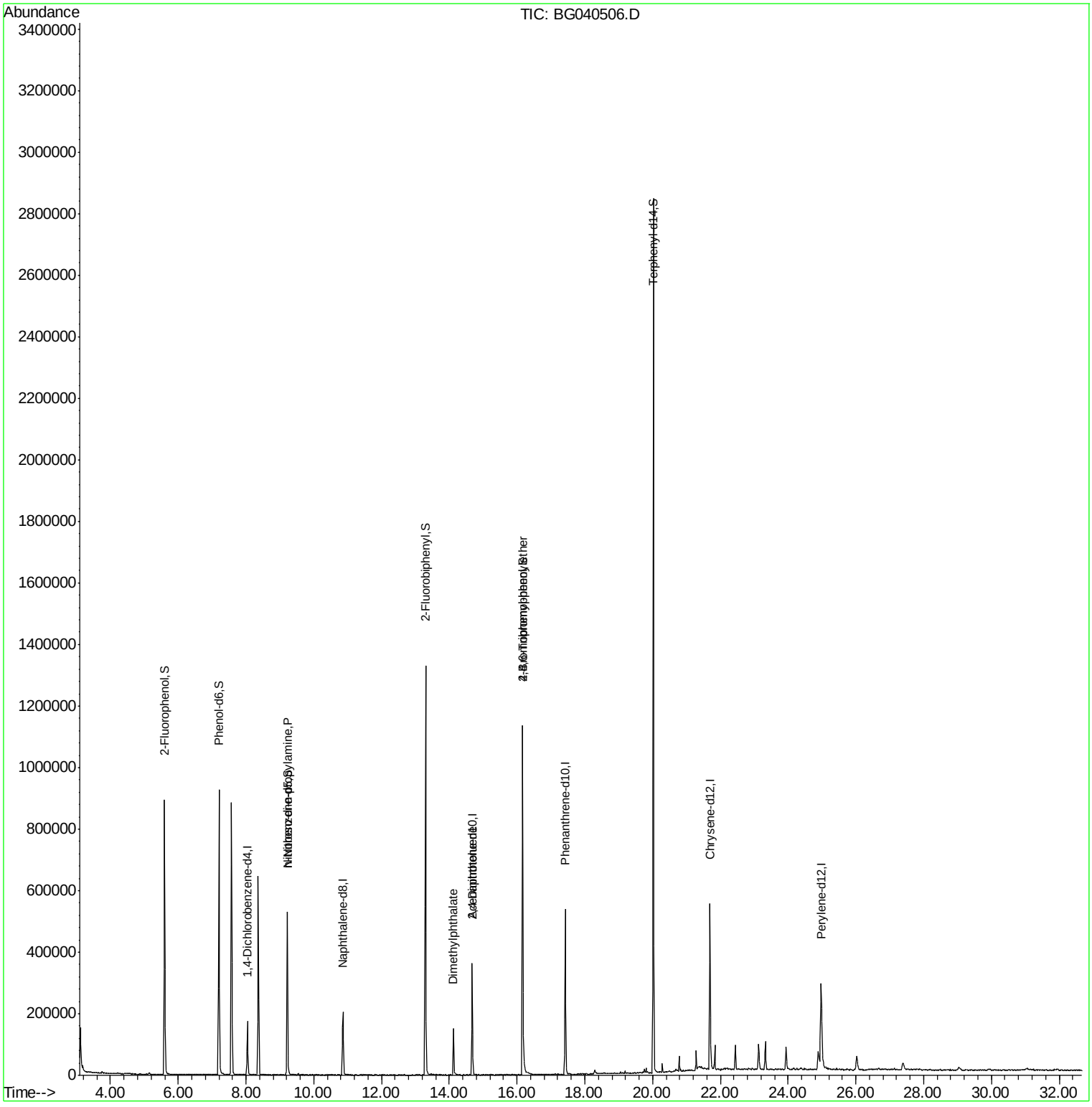
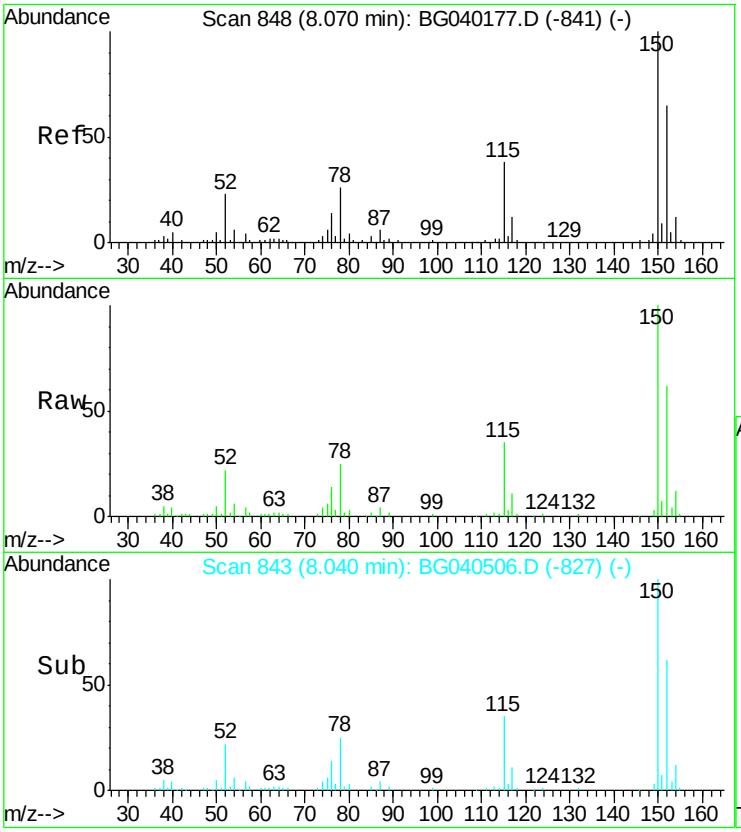


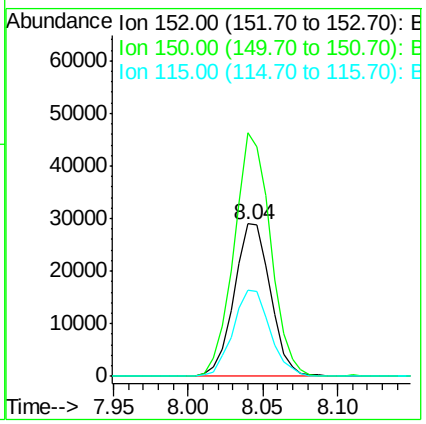


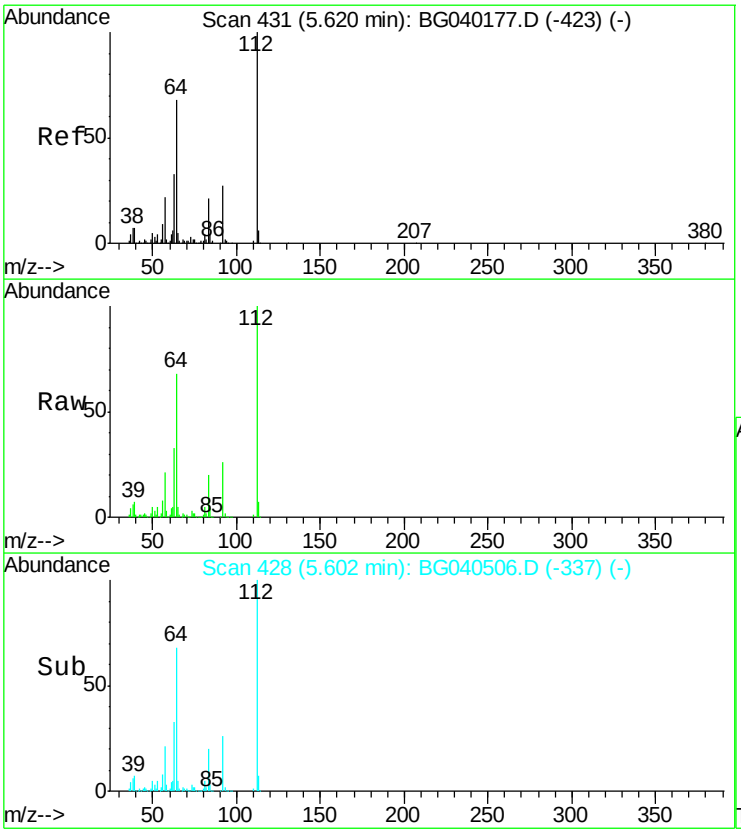
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:152 Resp: 49183

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.7	185.5
115	56.3	46.9	70.3

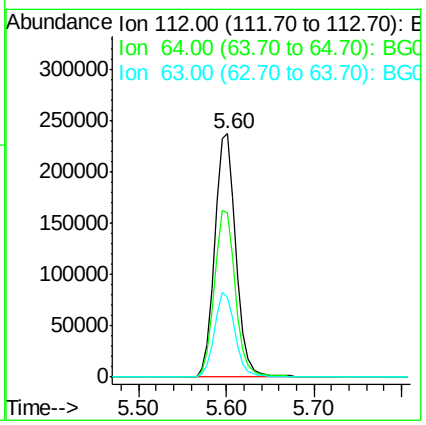


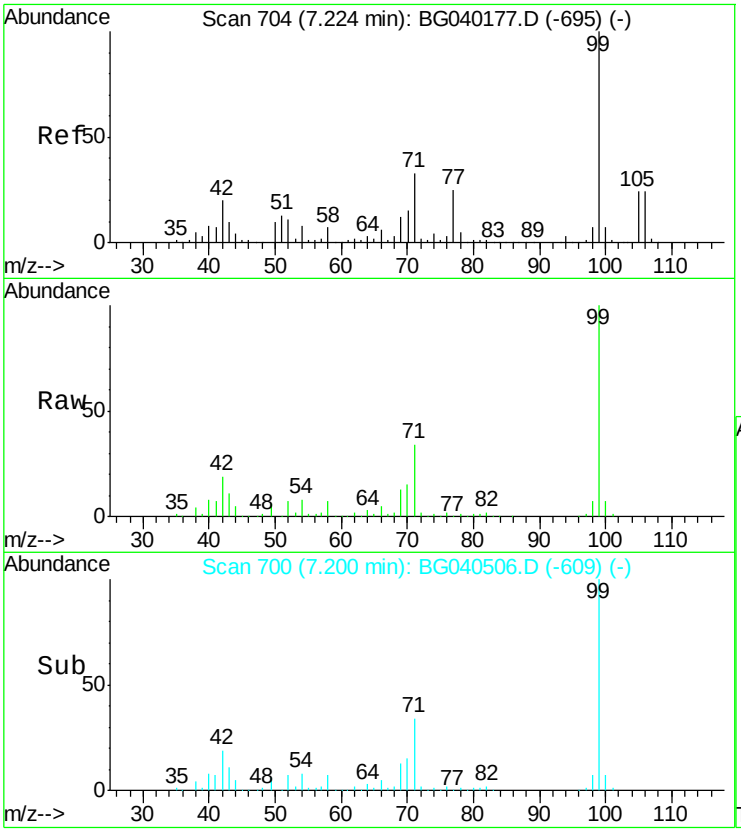


#5
2-Fluorophenol
Concen: 135.010 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:112 Resp: 399432

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.2	81.2
63	33.0	26.4	39.6



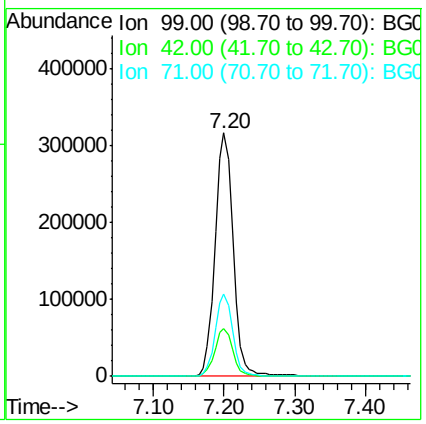


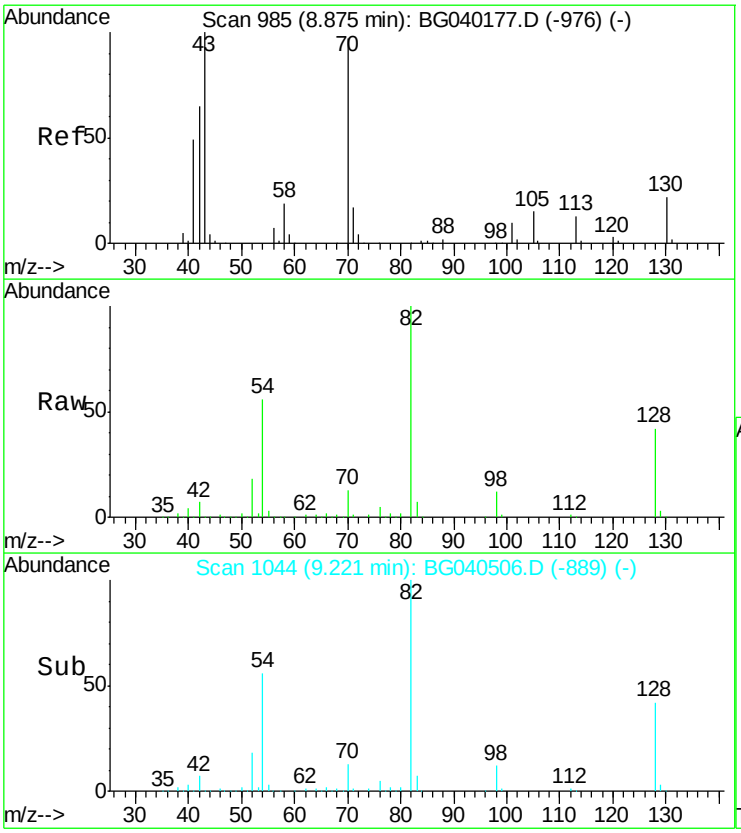
#7
Phenol-d6
Concen: 139.027 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion: 99 Resp: 568446

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	33.9	26.8	40.2

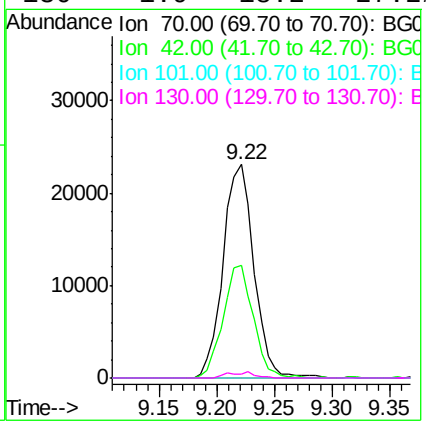


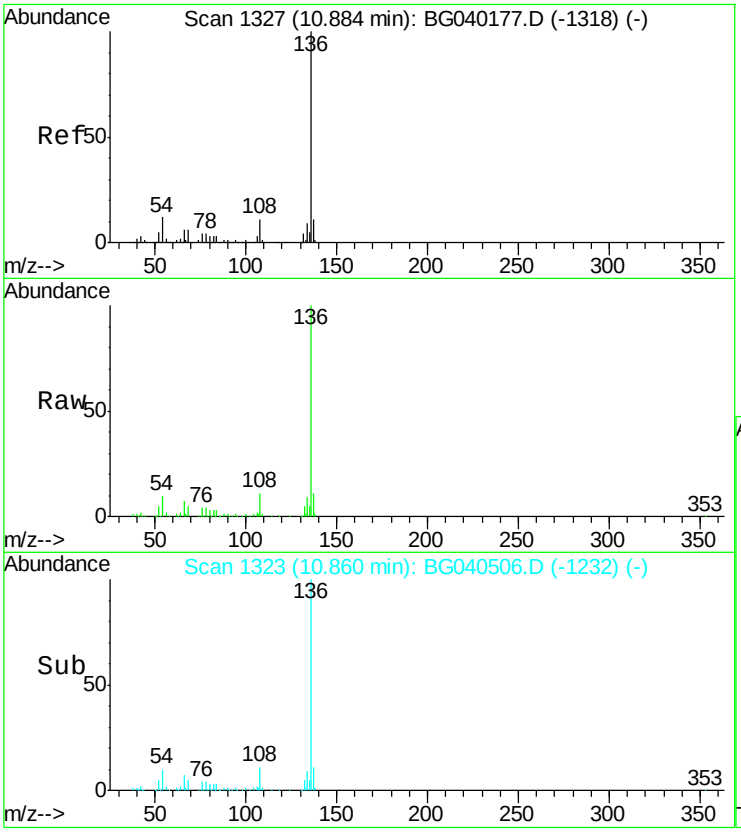


#19
n-Nitroso-di-n-propylamine
Concen: 14.601 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.38 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion: 70 Resp: 42804

Ion	Ratio	Lower	Upper
70	100		
42	52.7	54.0	81.0#
101	0.0	8.6	13.0#
130	1.9	18.2	27.2#



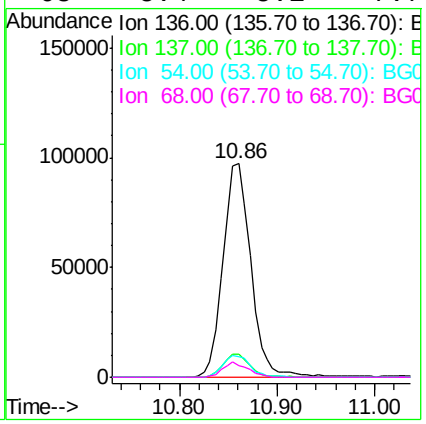


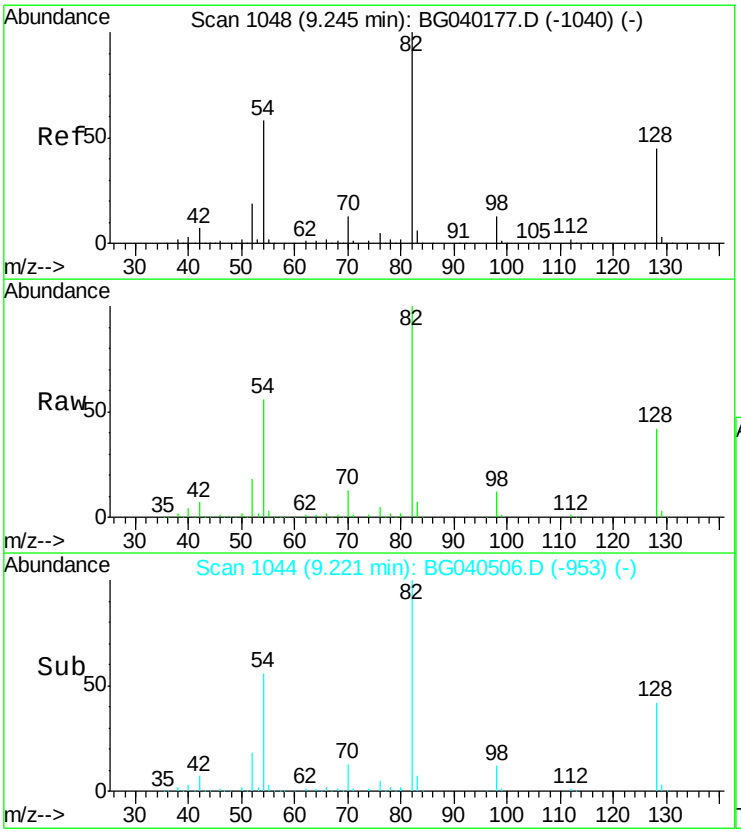
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:136 Resp: 193682

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.8	9.6	14.4
68	5.4	5.1	7.7

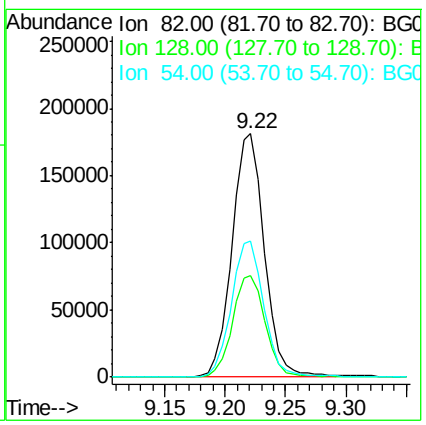


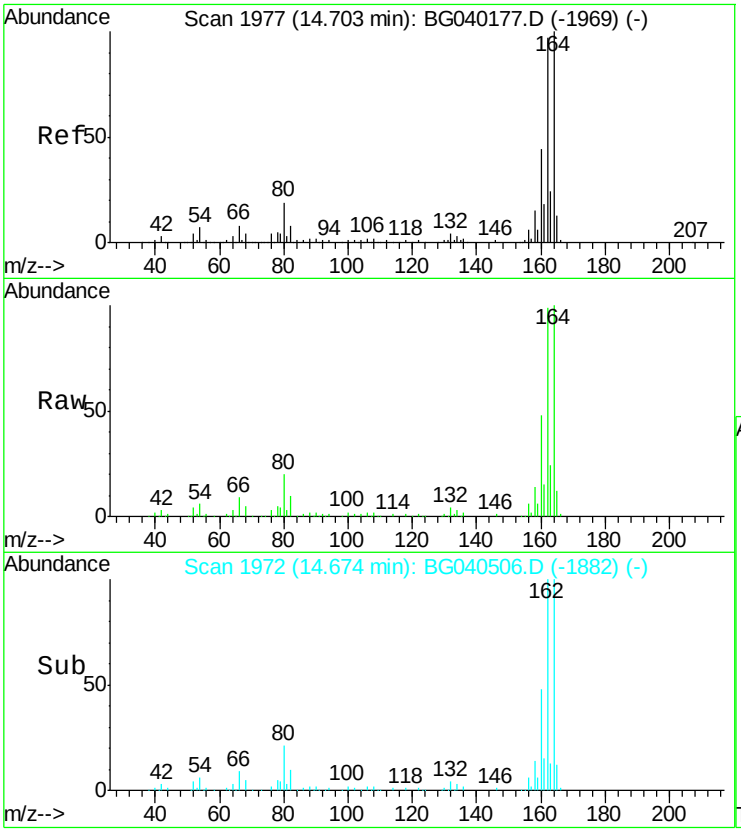


#23
Nitrobenzene-d5
Concen: 92.728 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion: 82 Resp: 337885

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.8	53.8
54	55.8	46.2	69.2



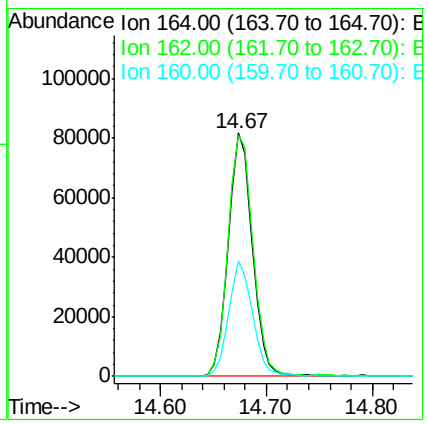


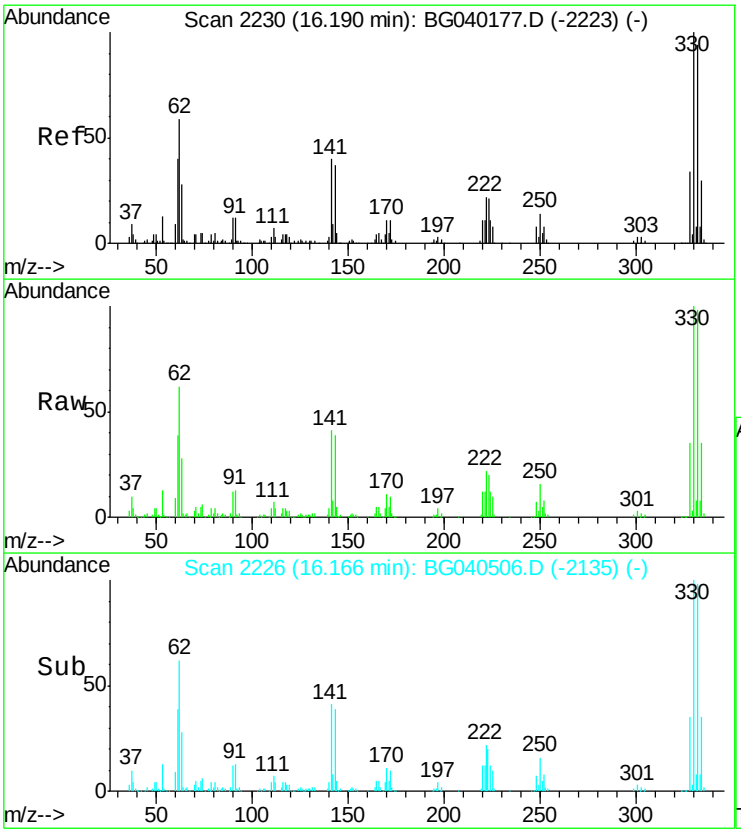
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:164 Resp: 128282

Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.4	116.2
160	47.5	35.3	52.9

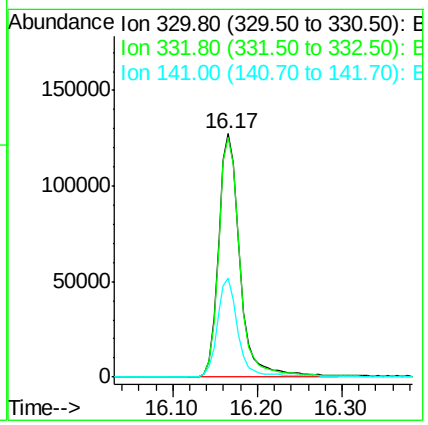


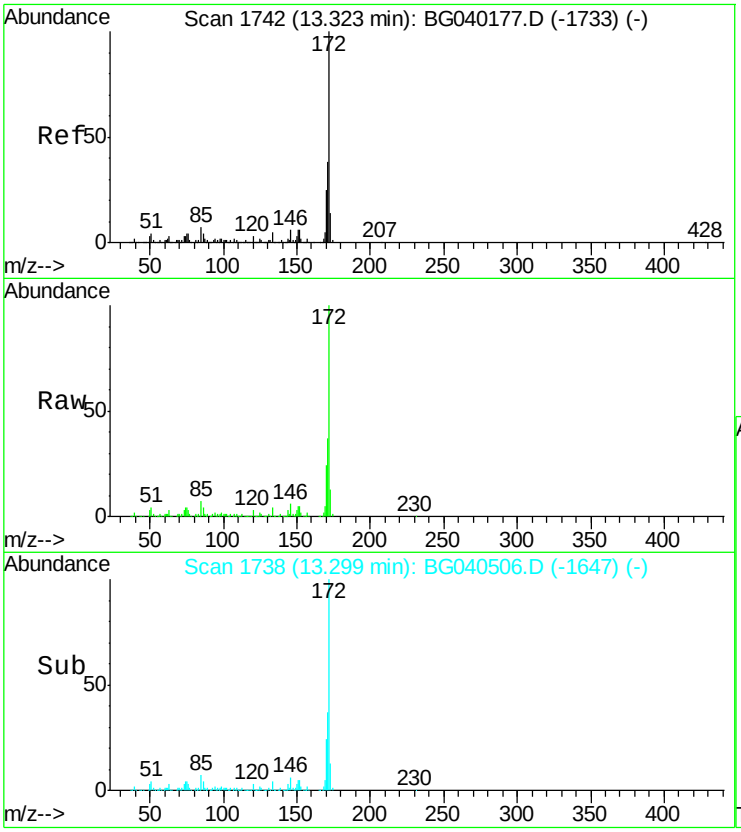


#42
2,4,6-Tribromophenol
Concen: 163.495 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:330 Resp: 226668

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	39.8	32.6	48.8



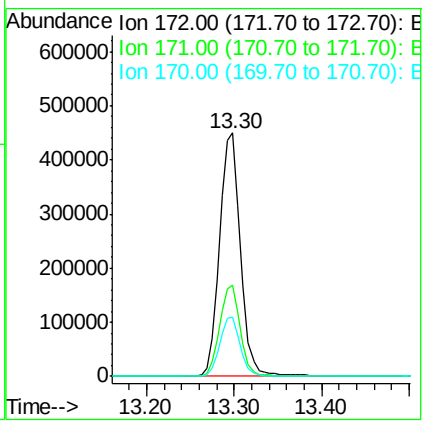


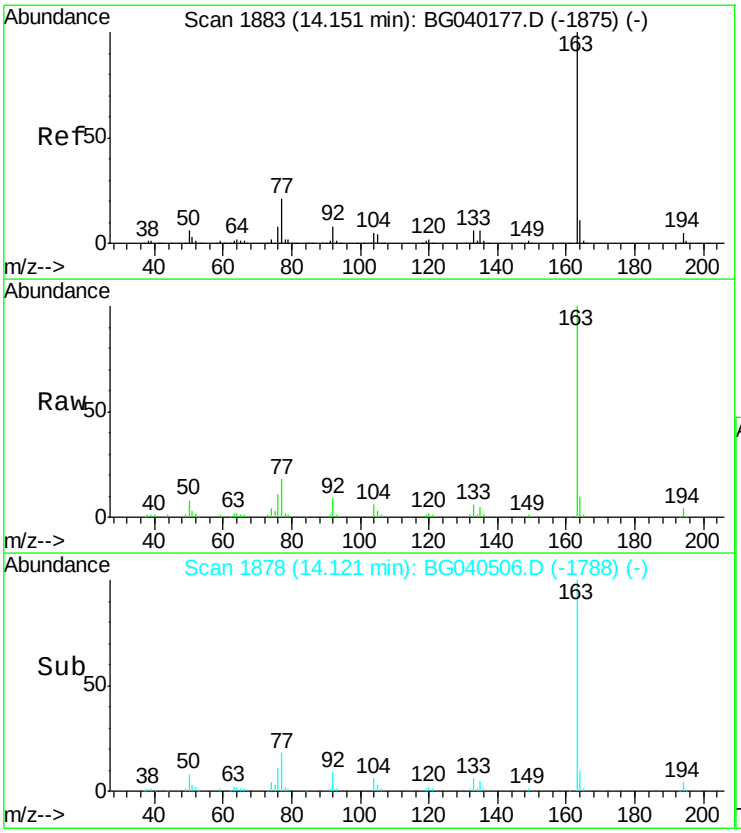
#45
2-Fluorobiphenyl
Concen: 86.146 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:172 Resp: 745796

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.1	20.1	30.1

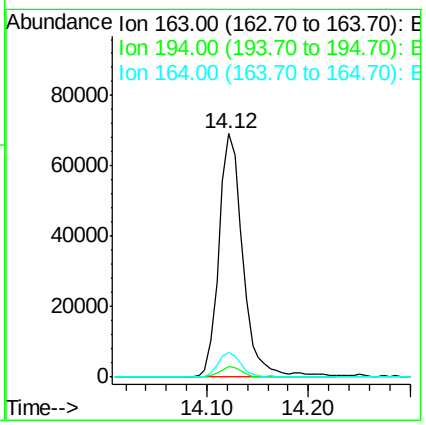


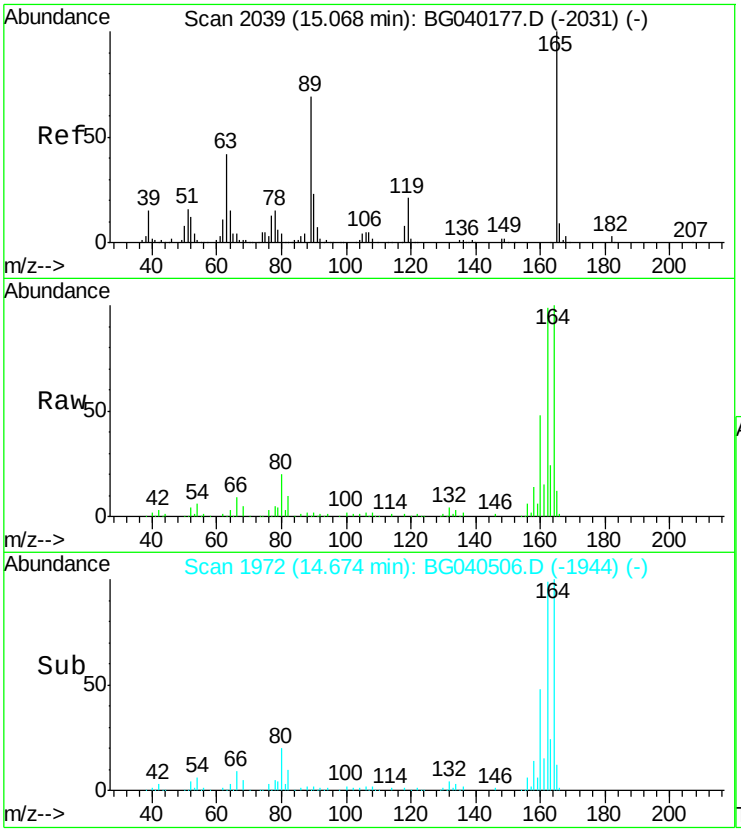


#50
Dimethylphthalate
Concen: 11.349 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:163 Resp: 113939

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.1	6.1
164	10.4	8.6	13.0



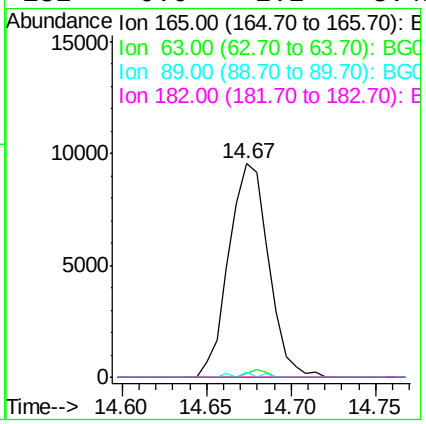


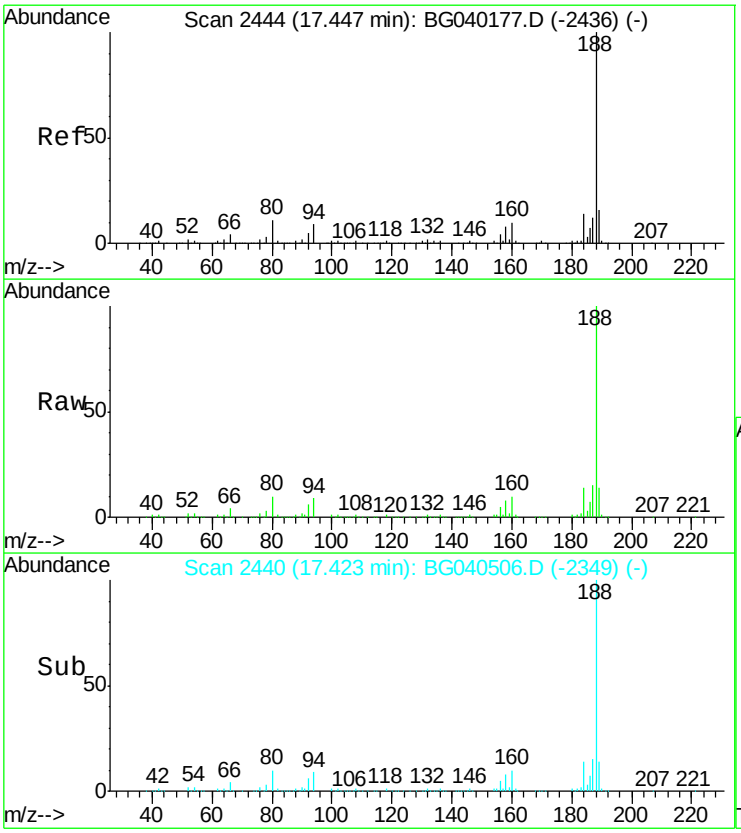
#57
2,4-Dinitrotoluene
Concen: 5.003 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.37 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:165 Resp: 15670

Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#

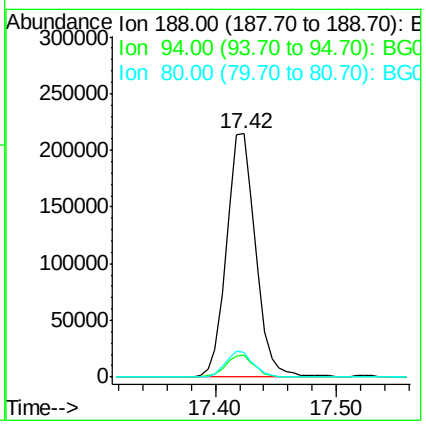


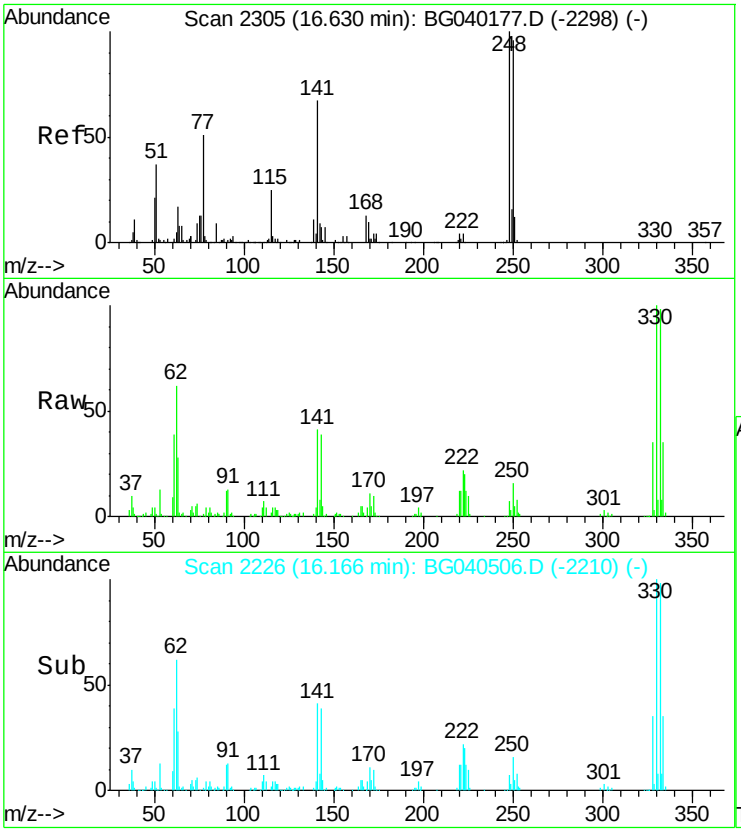


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:188 Resp: 360363

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.3	8.6	13.0



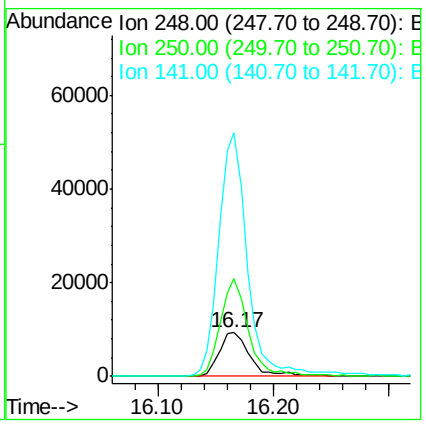


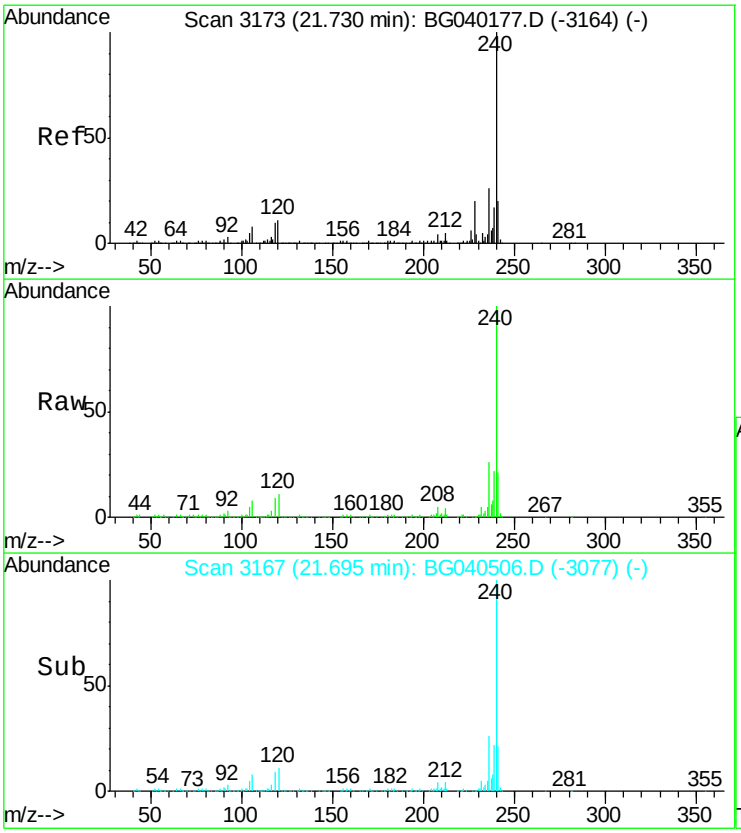
#67
4-Bromophenyl-phenylether
Concen: 4.319 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:248 Resp: 17513

Ion	Ratio	Lower	Upper
248	100		
250	222.8	76.4	114.6#
141	556.3	53.8	80.8#

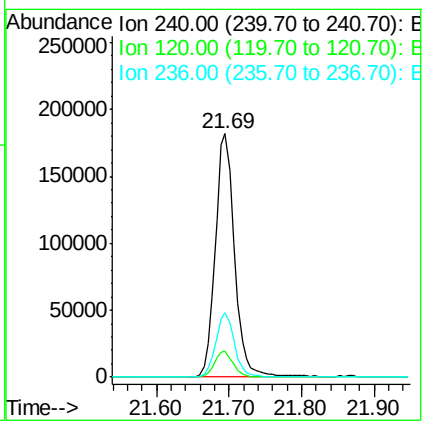


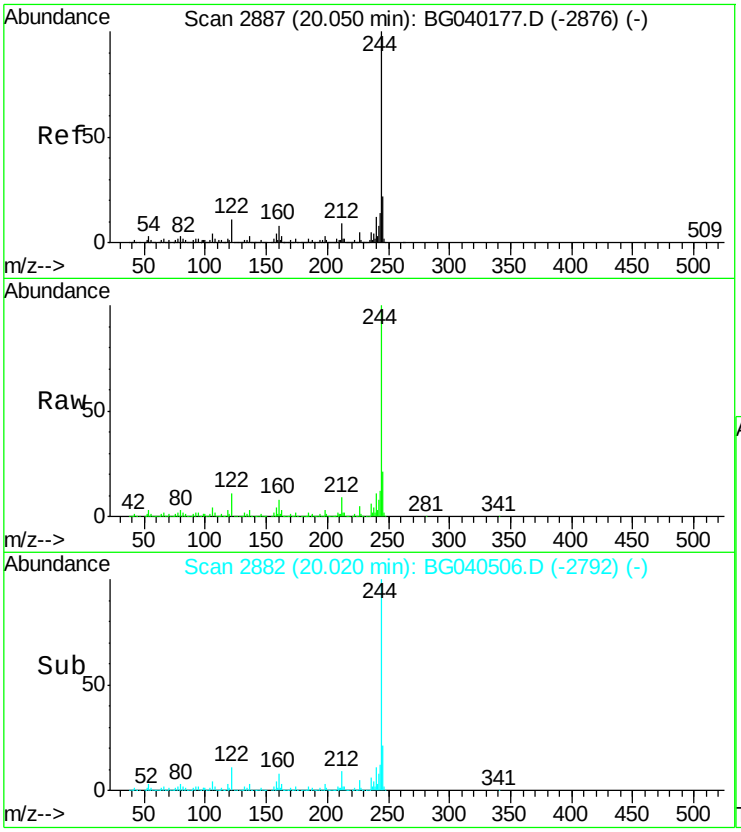


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:240 Resp: 336627

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.5	20.8	31.2



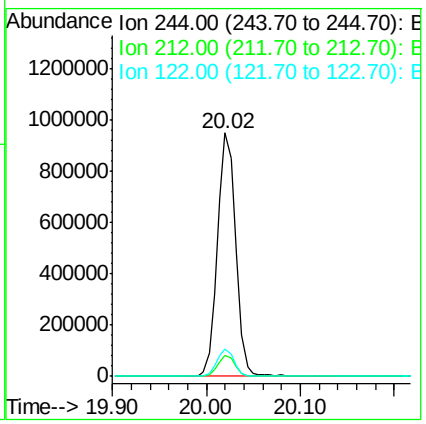


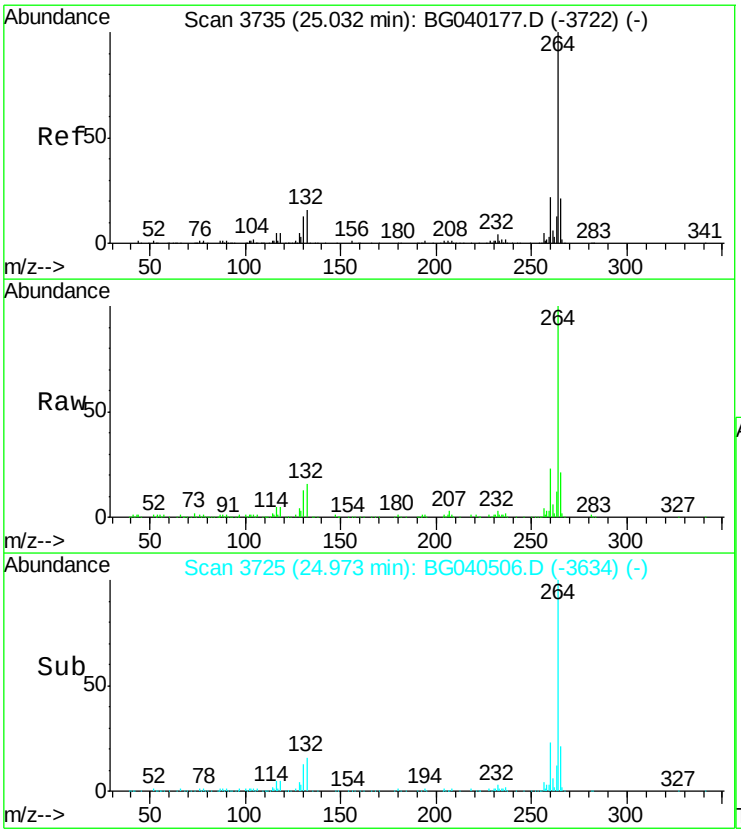
#79
Terphenyl-d14
Concen: 86.388 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Instrument :
BNA_G
ClientSampleId :
TP3-B

Tgt Ion:244 Resp: 1292660

Ion	Ratio	Lower	Upper
244	100		
212	8.8	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. 0.00 min
Lab File: BG040506.D
Acq: 16 Apr 2019 16:49

Tgt Ion:264 Resp: 347986

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.2	16.8	25.2