Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
Data File : BG040404.D
Acq On : 9 Apr 2019 18:25
Operator : JU/SJ
Sample : K2309-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 10 00:52:07 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	33827	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	125866	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	79612	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	220601	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	268085	20.00	ng	-0.03
87) Perylene-d12	24.98	264	266924	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	243929	119.88	ng	-0.02
7) Phenol-d6	7.20	99	308846	109.83	ng	-0.02
23) Nitrobenzene-d5	9.22	82	219121	92.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	119847	139.29	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	504193	93.84	ng	-0.02
79) Terphenyl-d14	20.02	244	1062729	89.18	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	26211	13.000	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	10041	7.177	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	10041	5.165	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	9692	3.904	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 9 Apr 2019 18:25
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Misc :
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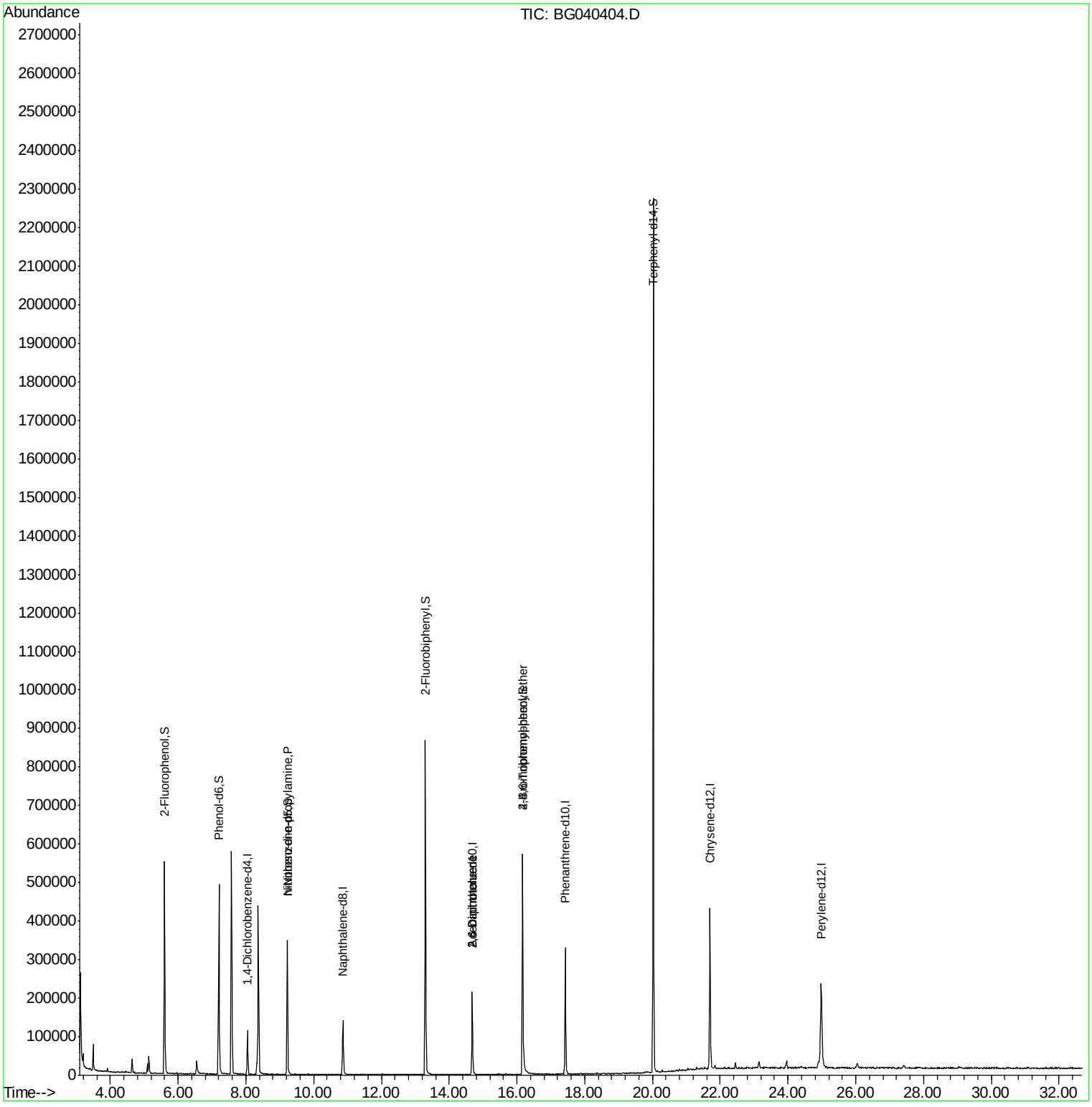
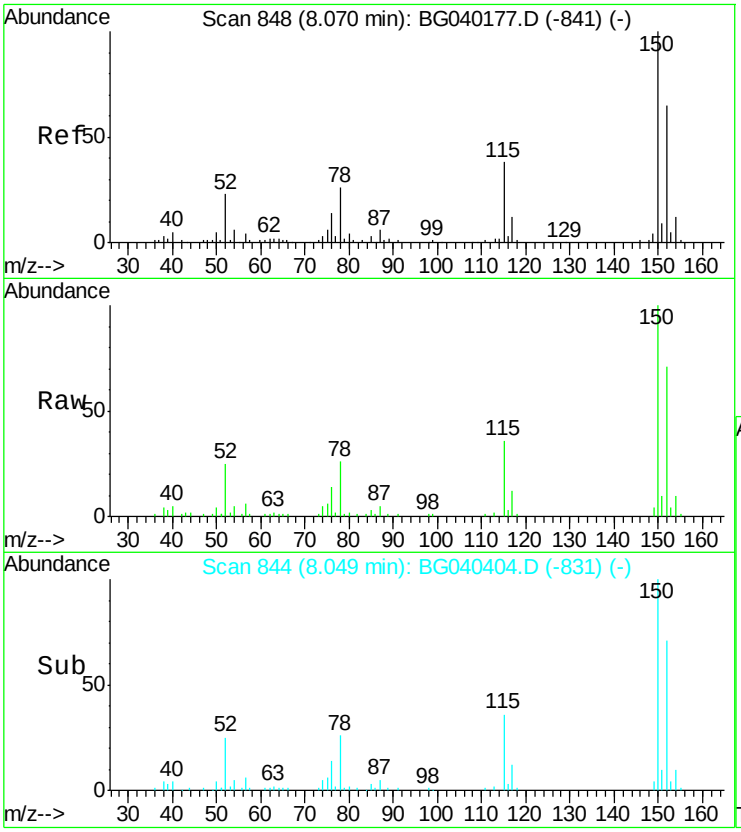


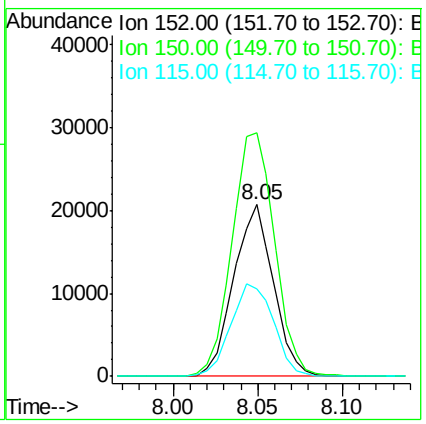


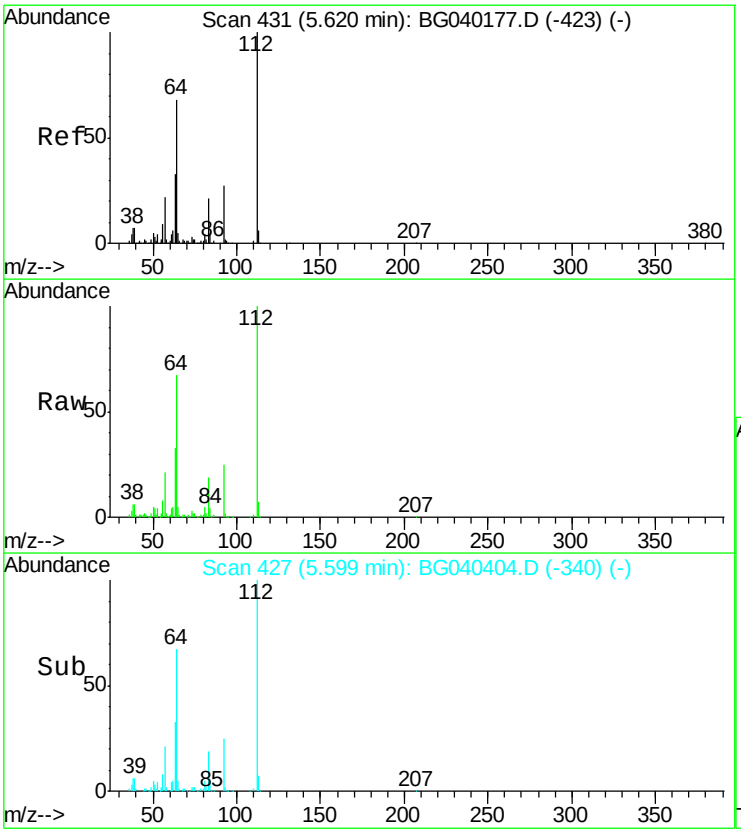
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33827

Ion	Ratio	Lower	Upper
152	100		
150	141.7	123.7	185.5
115	51.2	46.9	70.3

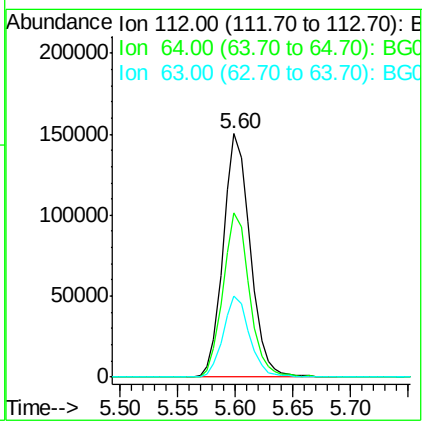


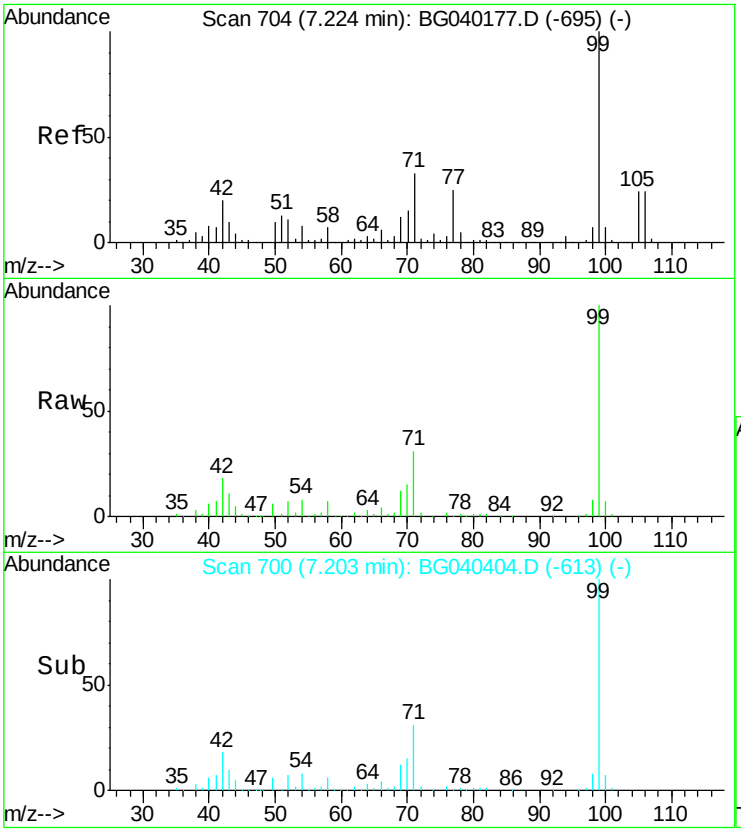


#5
2-Fluorophenol
Concen: 119.878 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion:112 Resp: 243929

Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.2	81.2
63	33.4	26.4	39.6



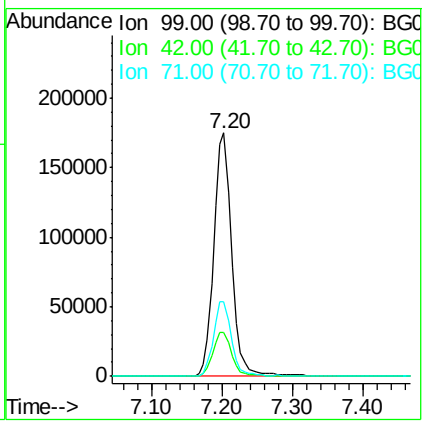


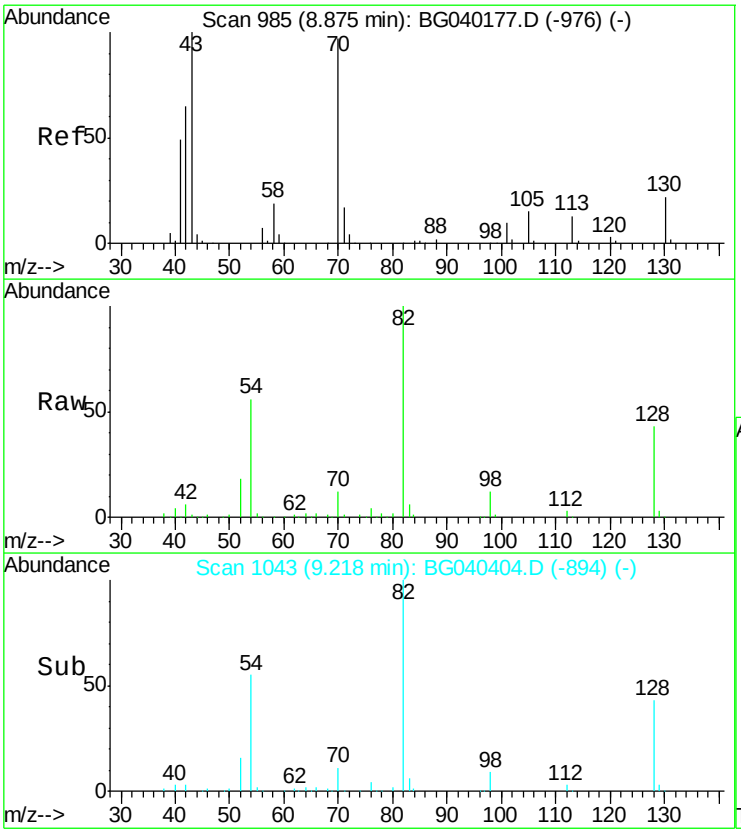
#7
Phenol-d6
Concen: 109.826 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 308846

Ion	Ratio	Lower	Upper
99	100		
42	18.2	16.2	24.2
71	30.7	26.8	40.2

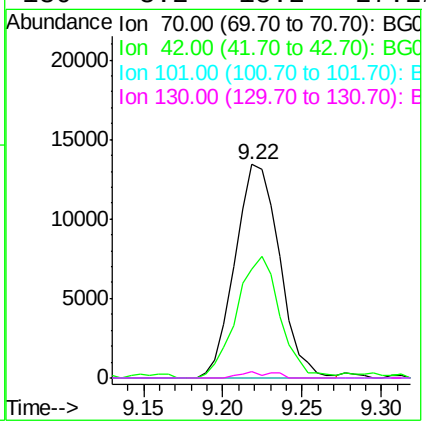


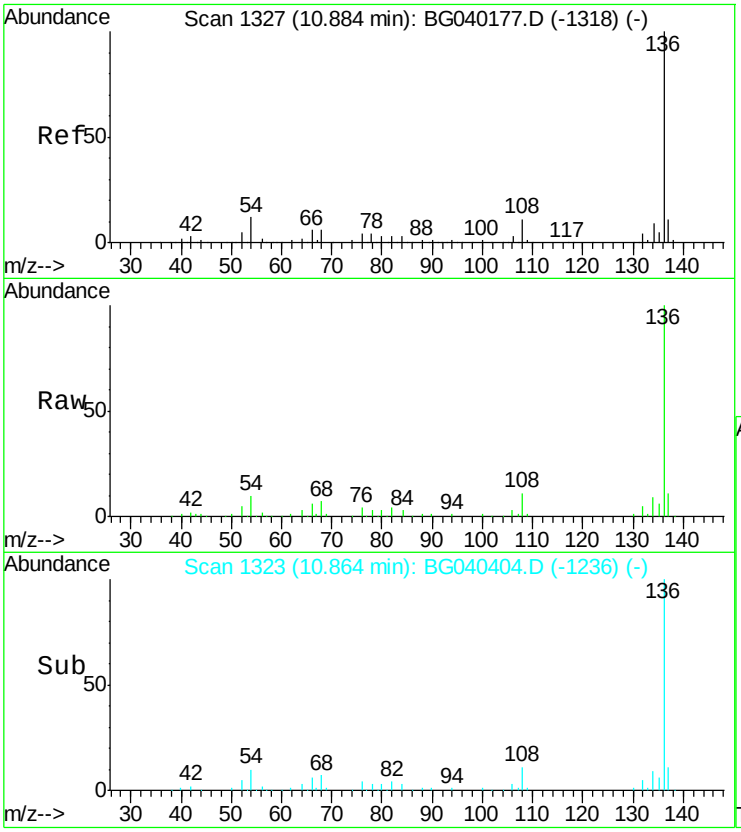


#19
n-Nitroso-di-n-propylamine
Concen: 13.000 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion: 70 Resp: 26211

Ion	Ratio	Lower	Upper
70	100		
42	51.2	54.0	81.0#
101	0.0	8.6	13.0#
130	3.2	18.2	27.2#



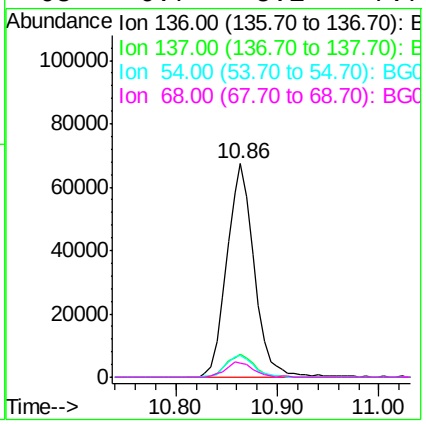


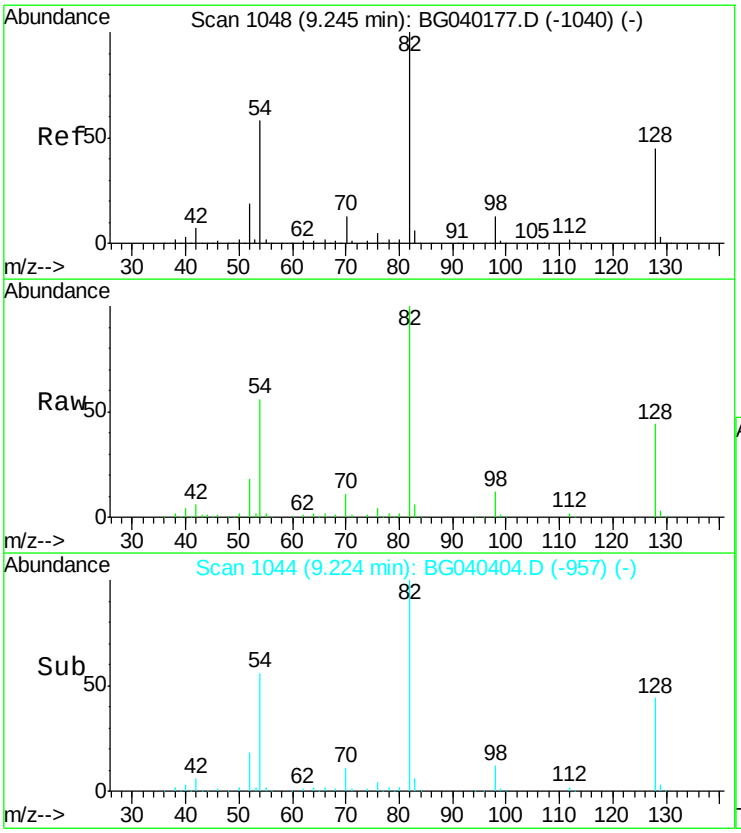
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 125866

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.0	9.6	14.4
68	6.7	5.1	7.7

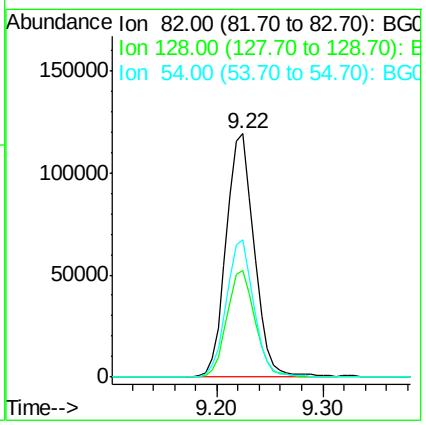


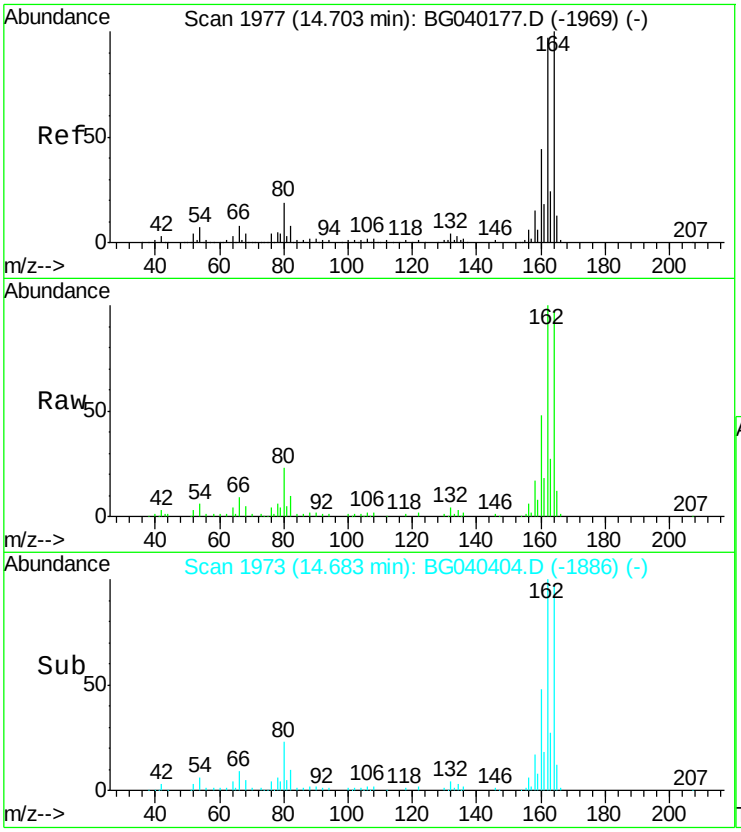


#23
Nitrobenzene-d5
Concen: 92.535 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion: 82 Resp: 219121

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.8	53.8
54	56.2	46.2	69.2



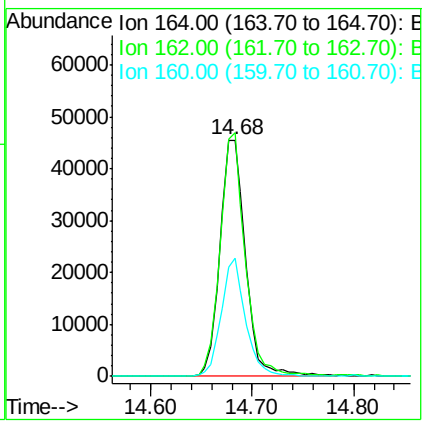


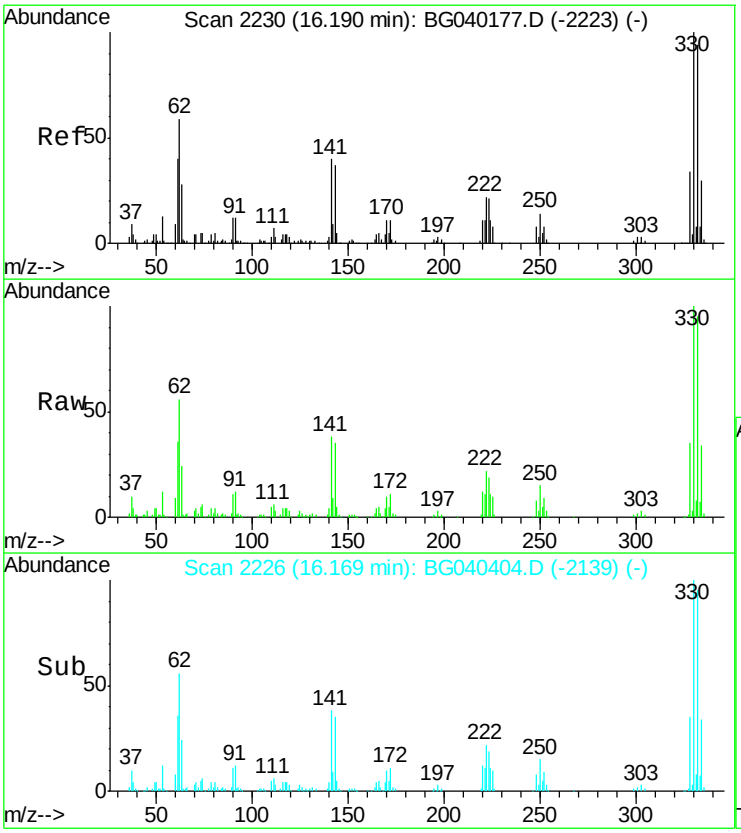
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 79612

Ion	Ratio	Lower	Upper
164	100		
162	103.1	77.4	116.2
160	49.9	35.3	52.9

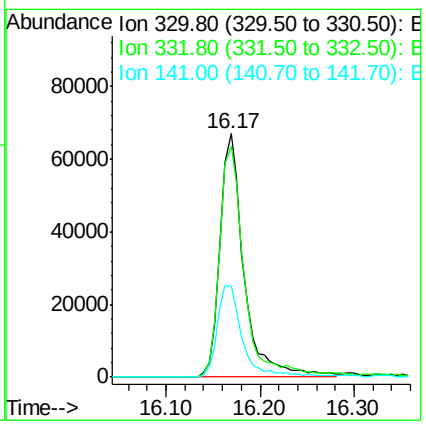


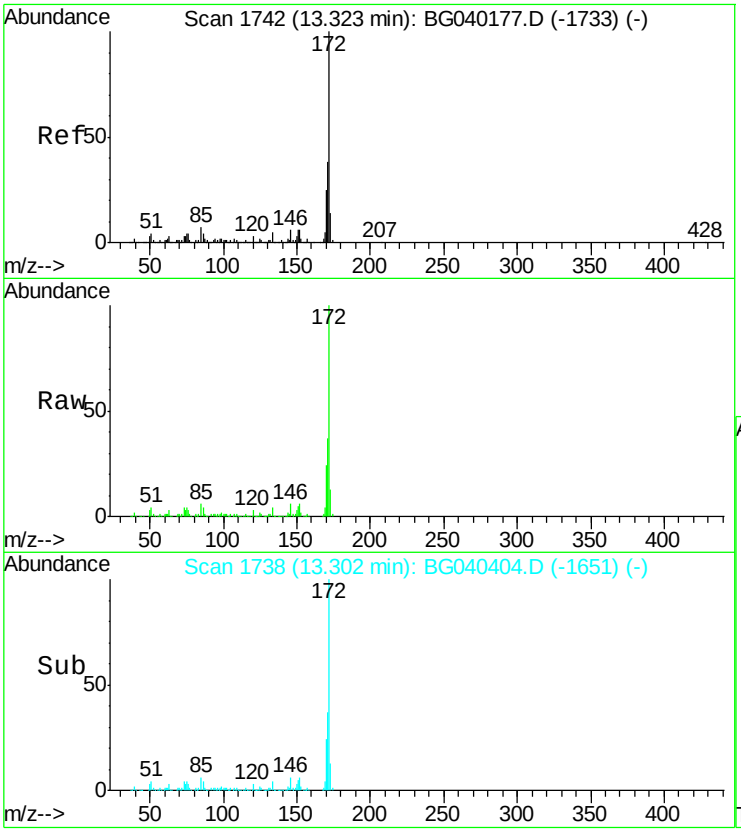


#42
2,4,6-Tribromophenol
Concen: 139.292 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion:330 Resp: 119847

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	39.2	32.6	48.8



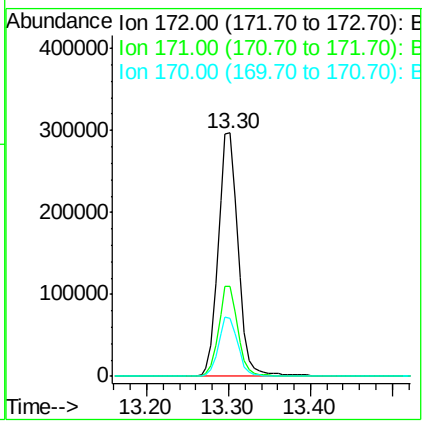


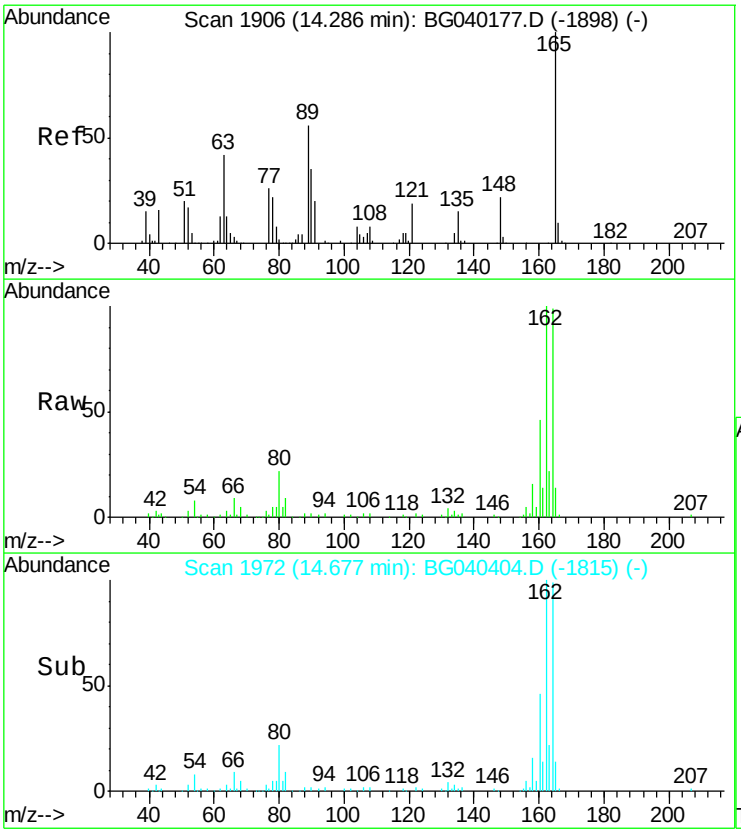
#45
2-Fluorobiphenyl
Concen: 93.842 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 504193

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	23.8	20.1	30.1

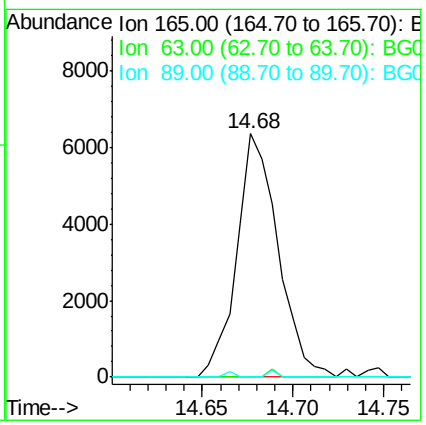


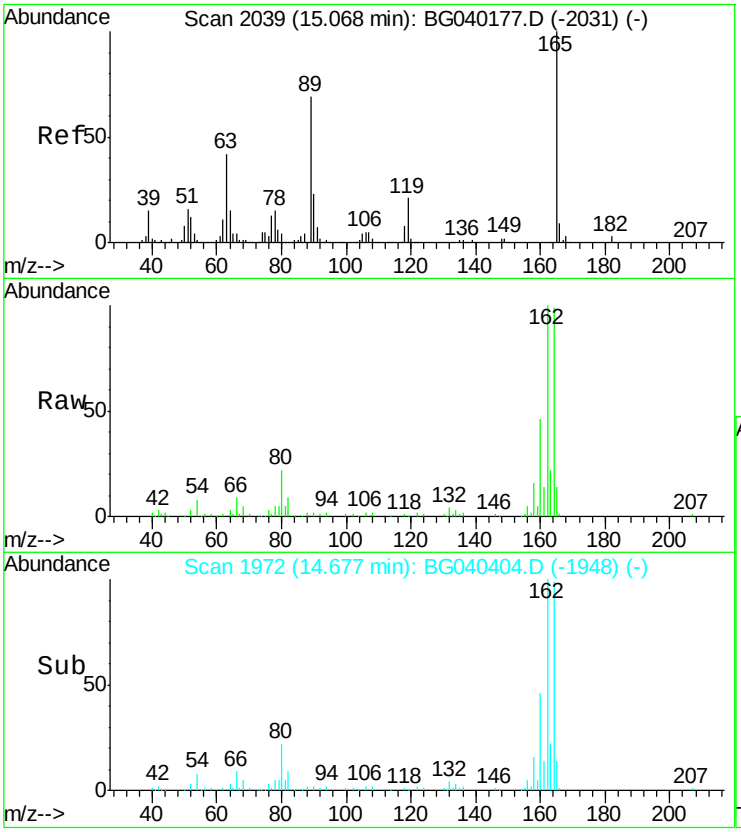


#51
2,6-Dinitrotoluene
Concen: 7.177 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion:165 Resp: 10041

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



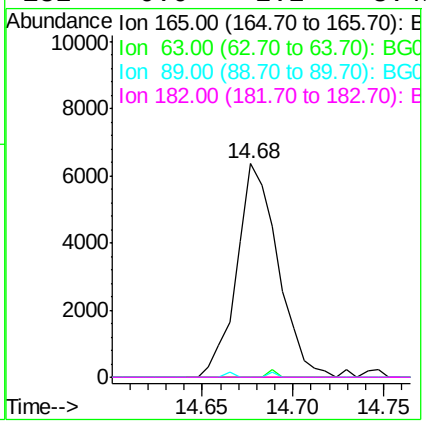


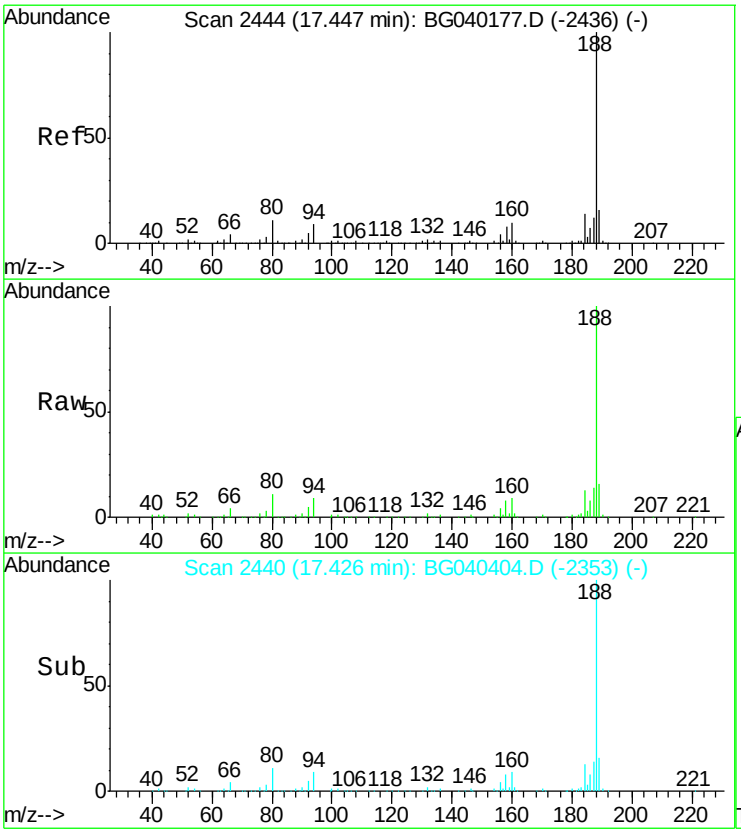
#57
2,4-Dinitrotoluene
Concen: 5.165 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10041

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#

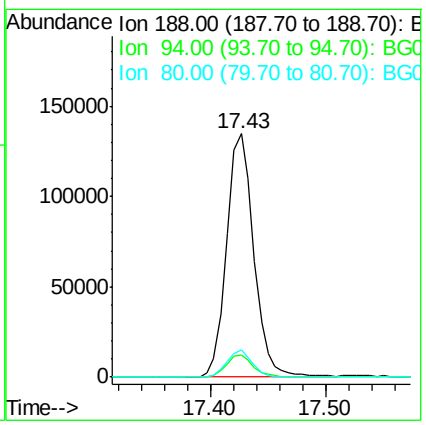


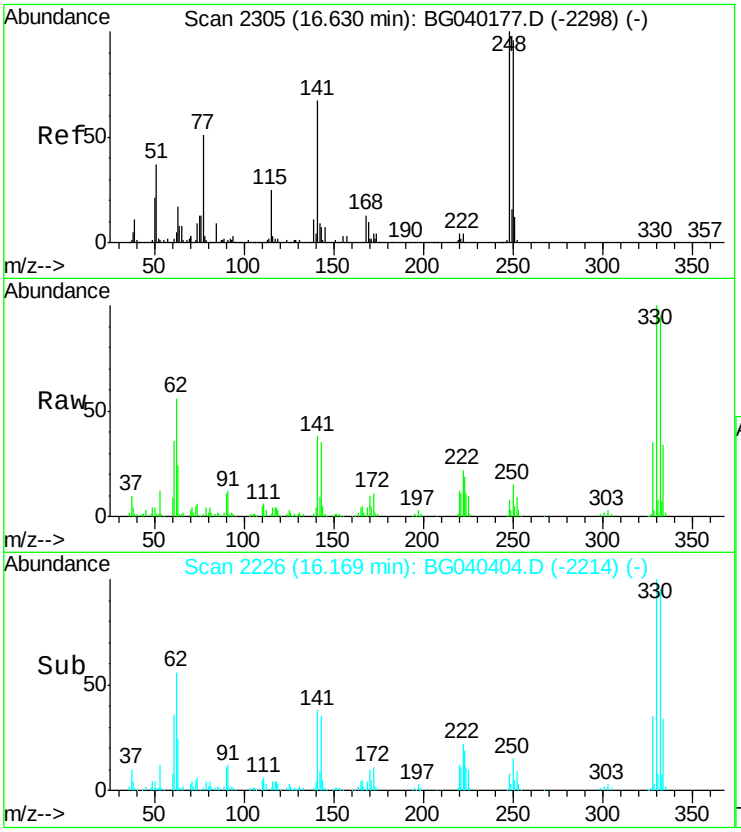


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion:188 Resp: 220601

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	11.1	8.6	13.0



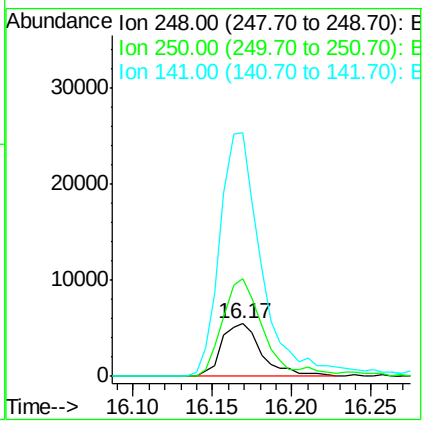


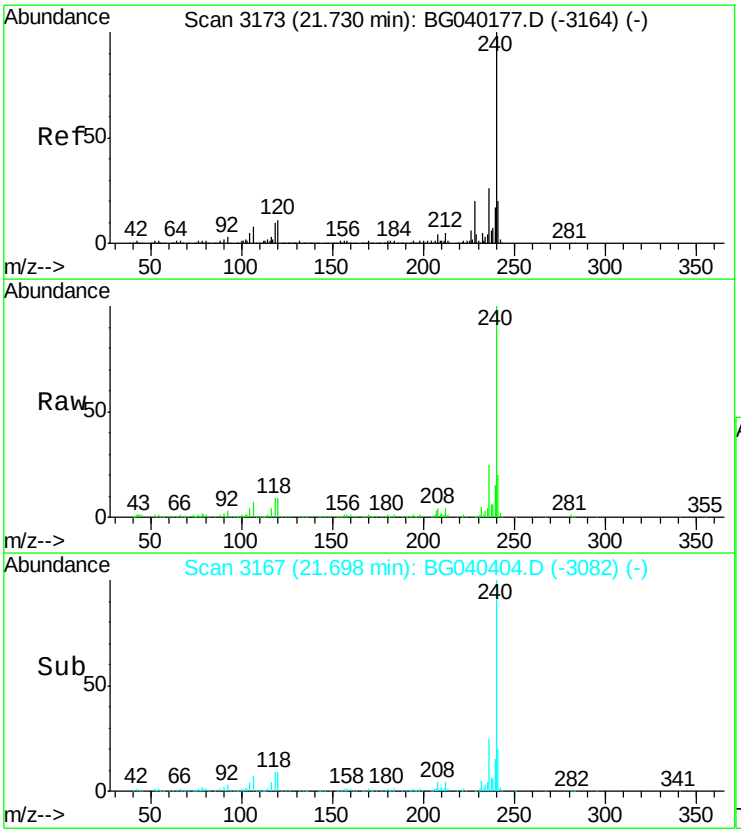
#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9692

Ion	Ratio	Lower	Upper
248	100		
250	185.7	76.4	114.6#
141	461.1	53.8	80.8#

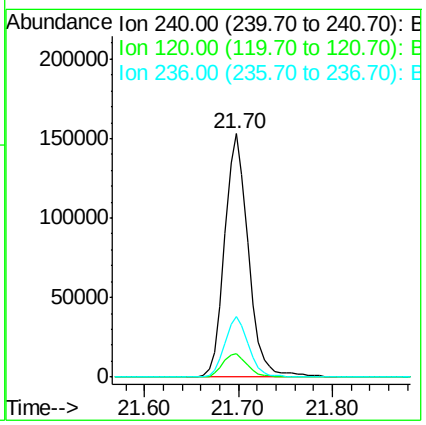


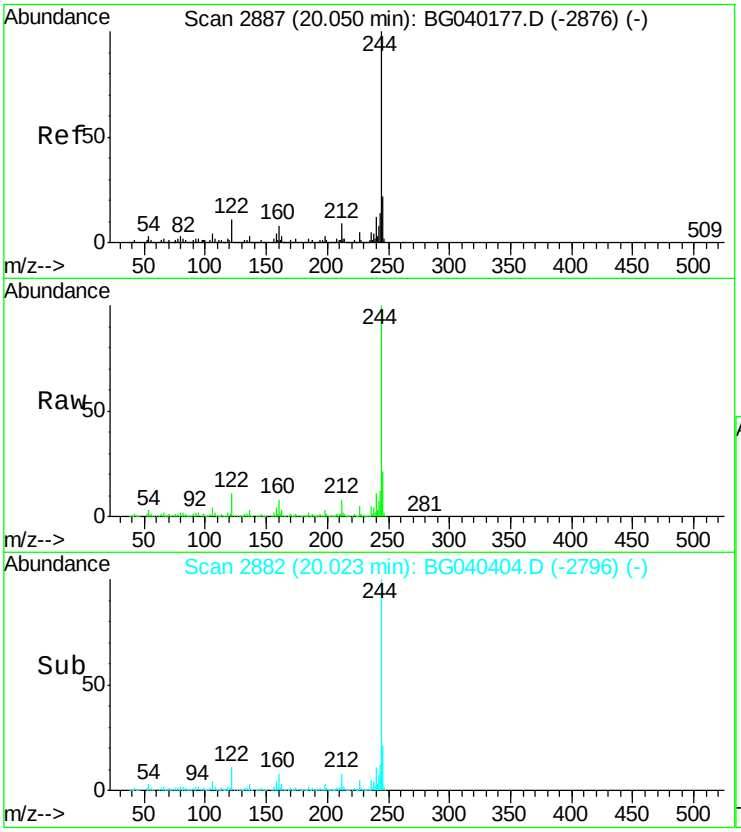


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion:240 Resp: 268085

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.0	20.8	31.2



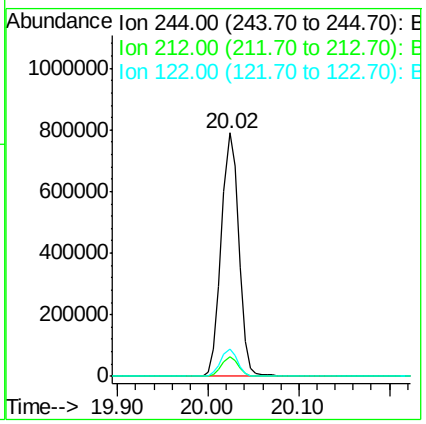


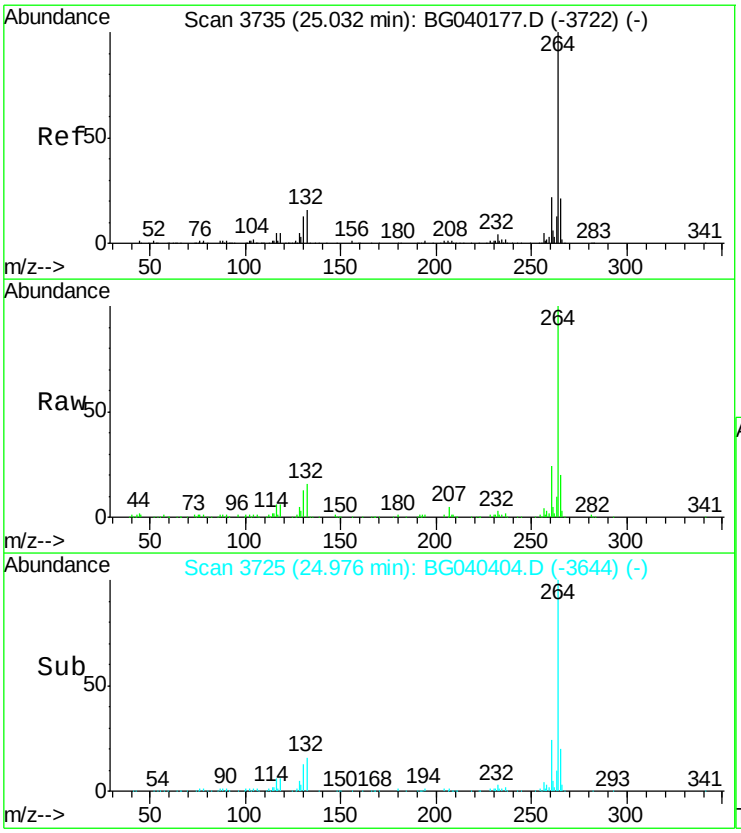
#79
Terphenyl-d14
Concen: 89.180 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1062729

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	11.0	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040404.D
Acq: 9 Apr 2019 18:25

Tgt Ion:264 Resp: 266924

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	19.6	16.8	25.2