Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
Data File : BG040386.D
Acq On : 5 Apr 2019 21:05
Operator : JU/SJ
Sample : PB118634TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118634TB

Quant Time: Apr 05 23:38:31 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	63015	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	238599	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	142713	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	356728	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	403540	20.00	ng	-0.04
87) Perylene-d12	24.96	264	409080	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415695	109.67	ng	-0.01
7) Phenol-d6	7.20	99	560232	106.94	ng	-0.02
23) Nitrobenzene-d5	9.22	82	331851	73.93	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	169107	109.64	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	746424	77.50	ng	-0.03
79) Terphenyl-d14	20.02	244	1211696	67.55	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	40918	10.894	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	18556	7.399	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	18556	5.325	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	11777	2.934	ng	# 1

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

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Data File : BG040386.D
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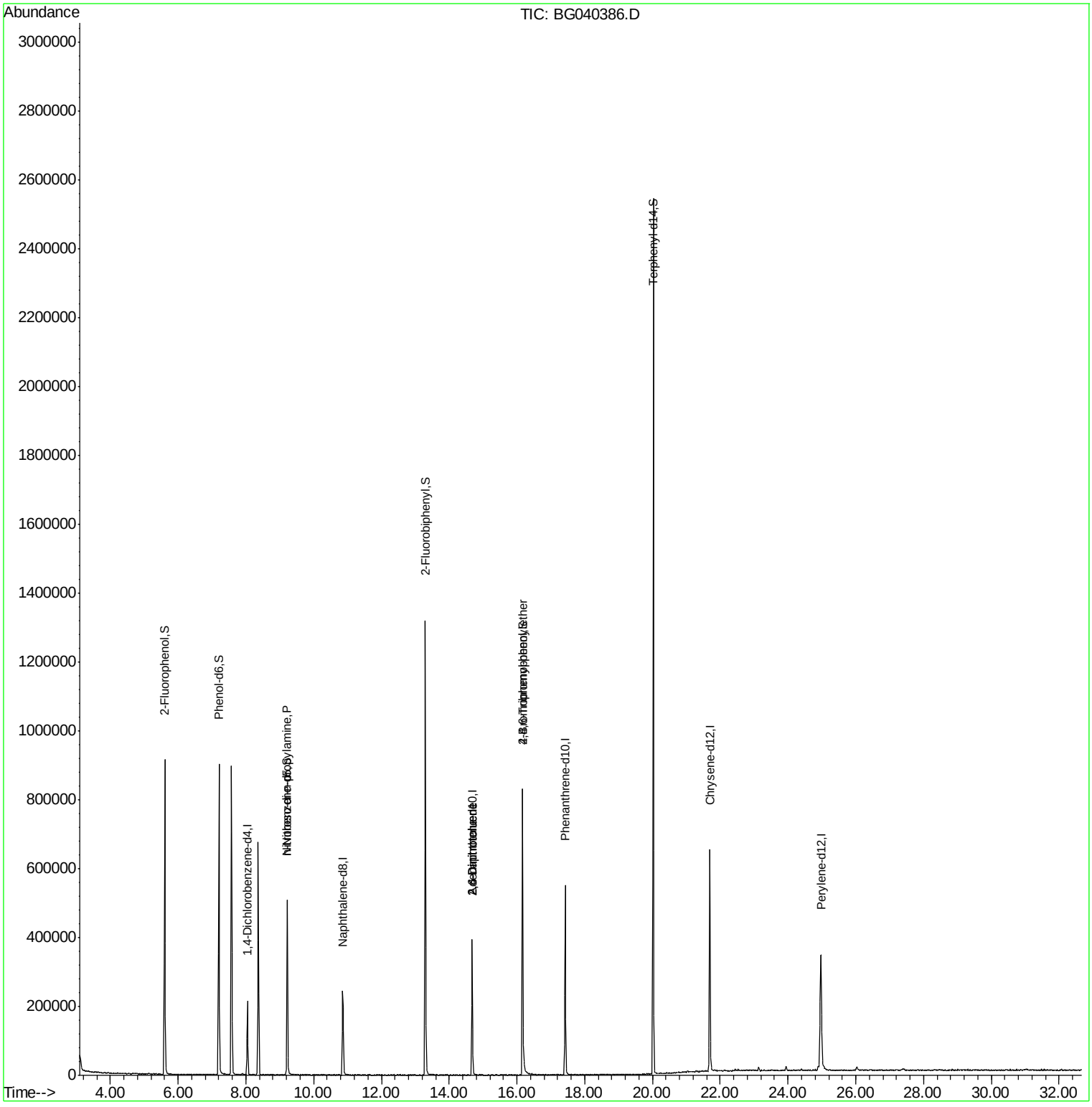
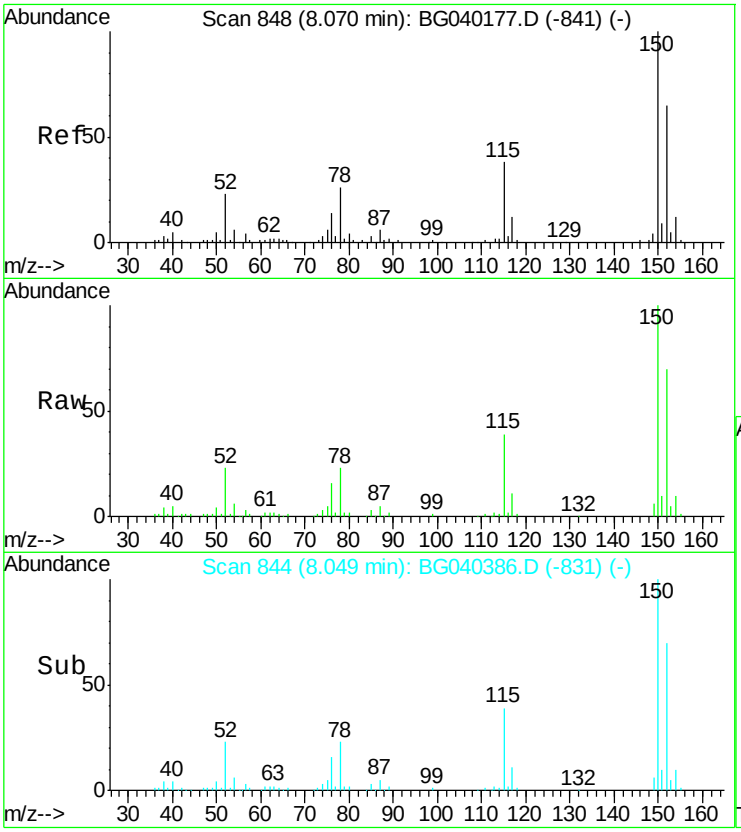


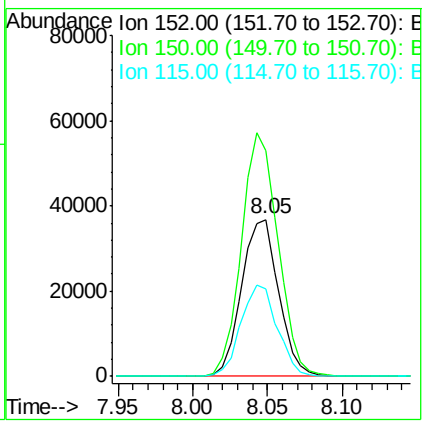


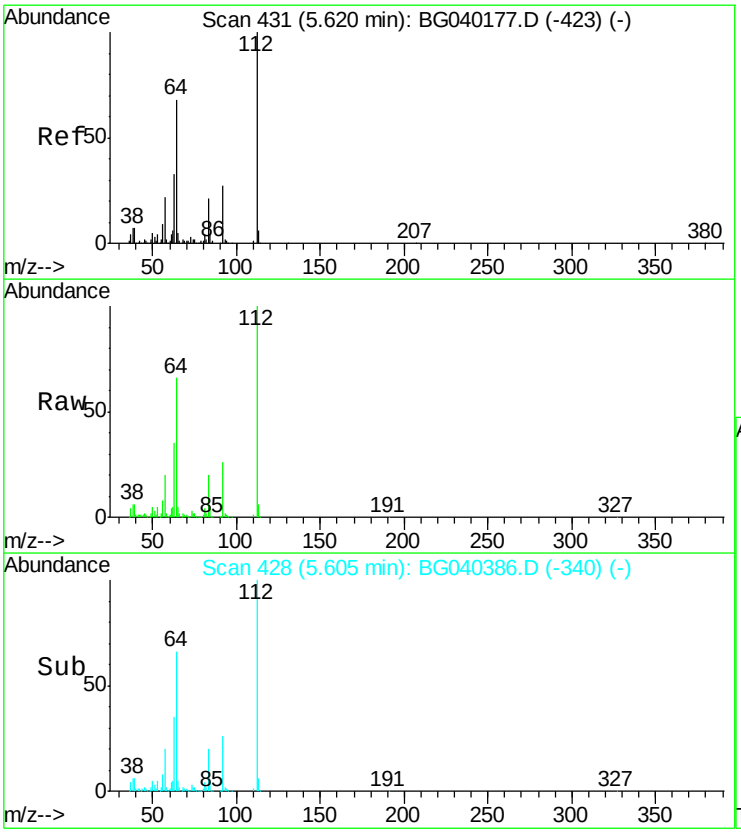
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:152 Resp: 63015

Ion	Ratio	Lower	Upper
152	100		
150	143.5	123.7	185.5
115	55.9	46.9	70.3

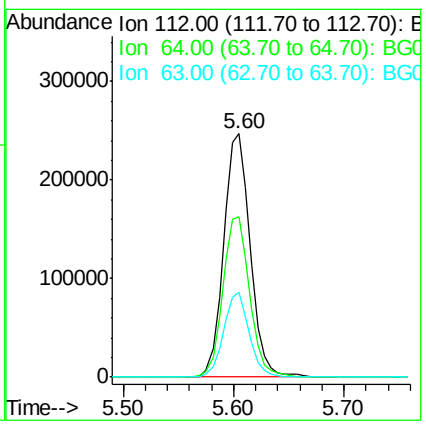


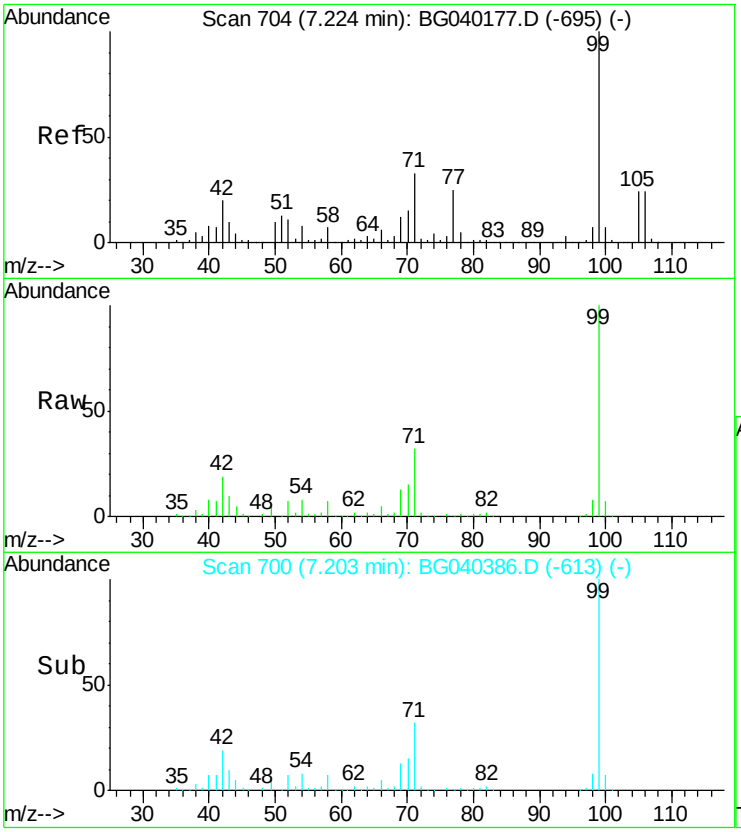


#5
2-Fluorophenol
Concen: 109.665 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:112 Resp: 415695

Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.2	81.2
63	34.8	26.4	39.6



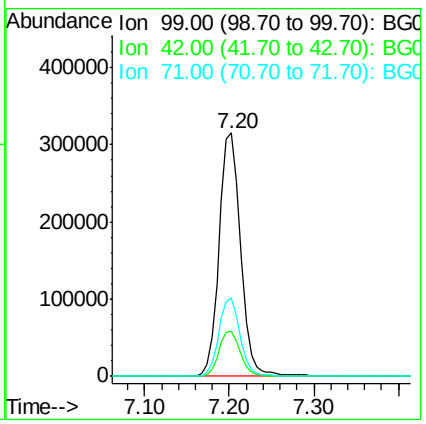


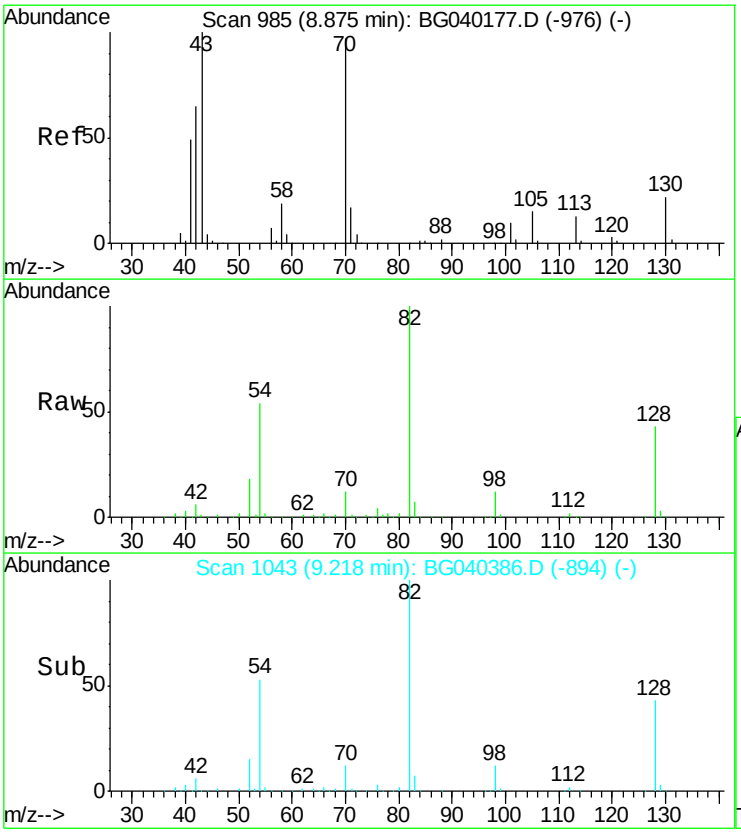
#7
Phenol-d6
Concen: 106.942 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion: 99 Resp: 560232

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.2	24.2
71	32.4	26.8	40.2

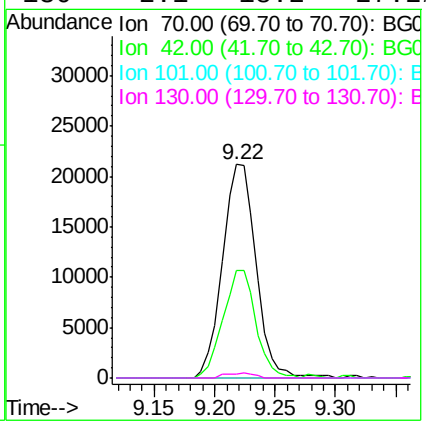


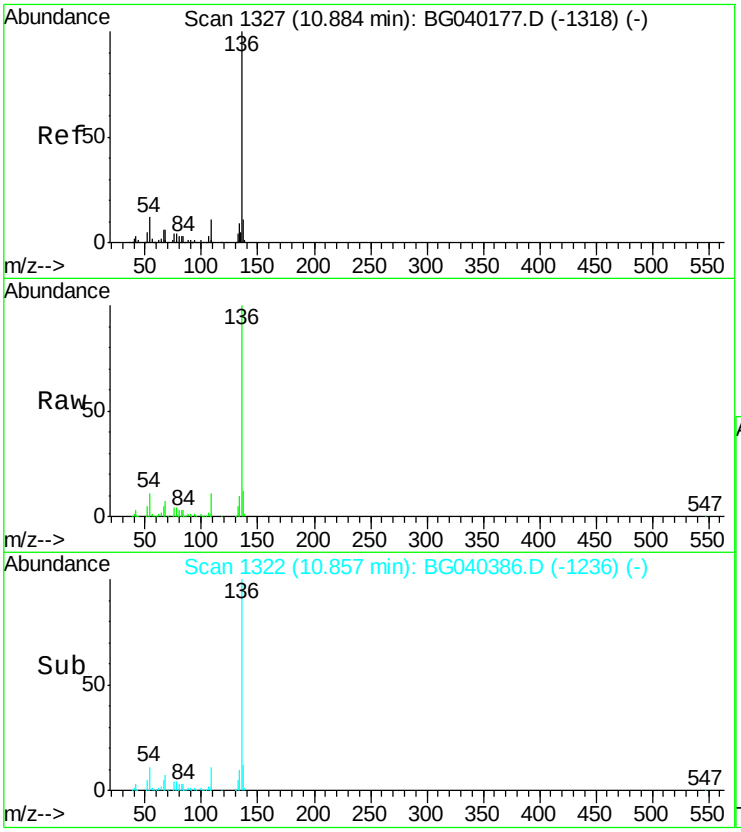


#19
n-Nitroso-di-n-propylamine
Concen: 10.894 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion: 70 Resp: 40918

Ion	Ratio	Lower	Upper
70	100		
42	50.5	54.0	81.0#
101	0.0	8.6	13.0#
130	2.1	18.2	27.2#



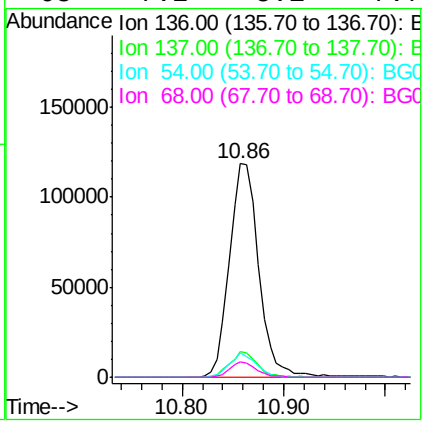


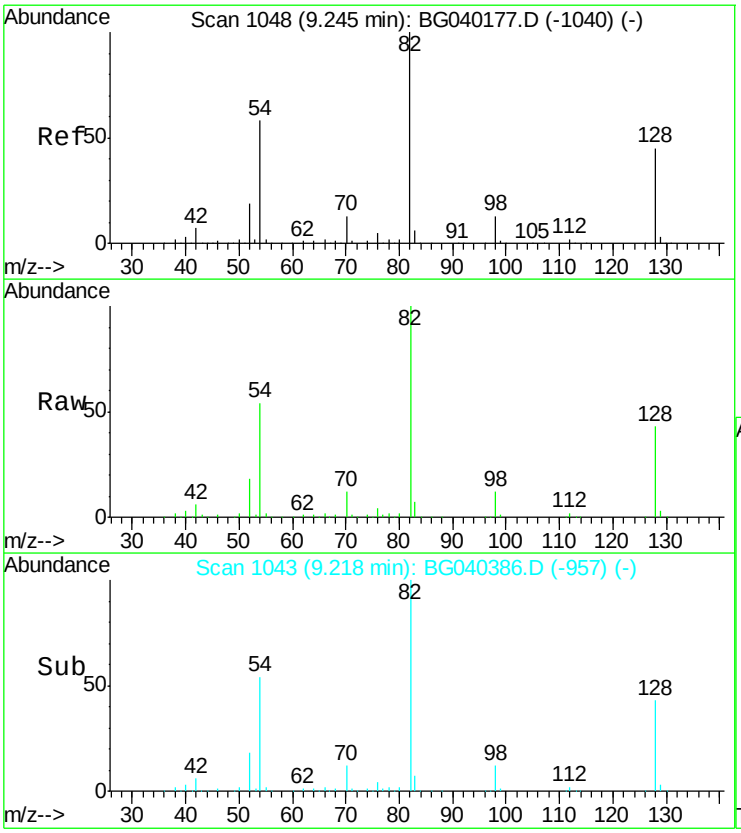
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:136 Resp: 238599

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.1	9.6	14.4
68	7.2	5.1	7.7

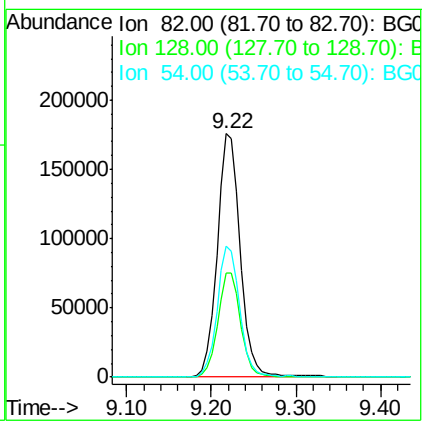


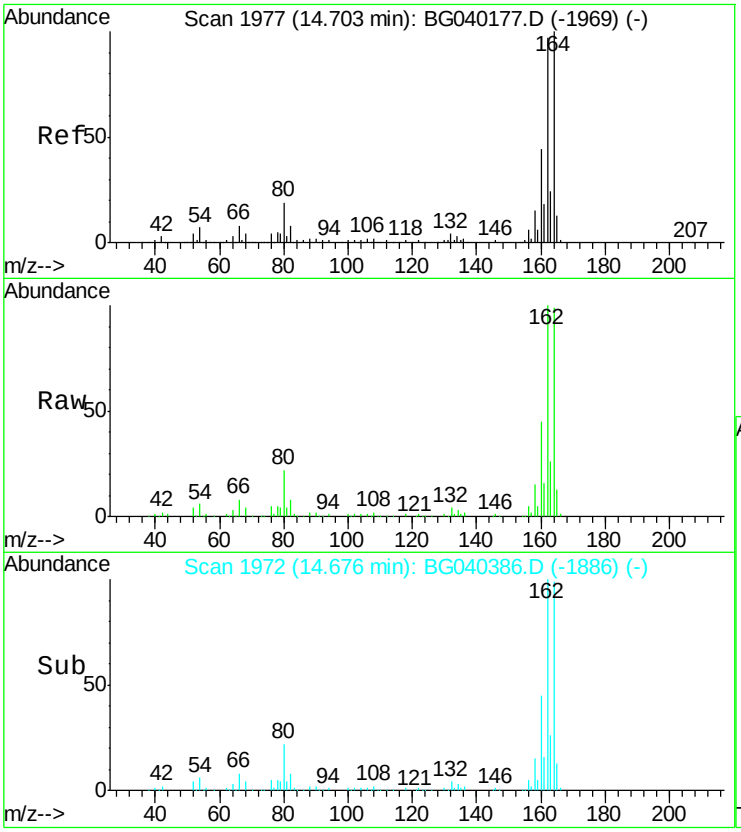


#23
Nitrobenzene-d5
Concen: 73.927 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion: 82 Resp: 331851

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.8
54	53.6	46.2	69.2



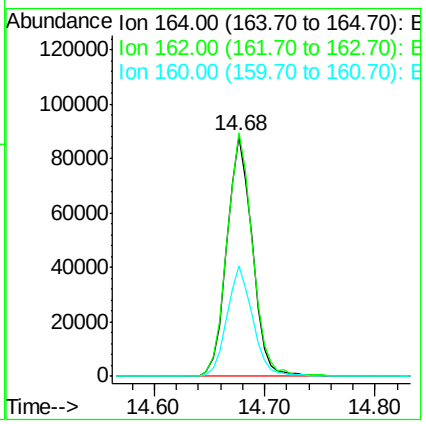


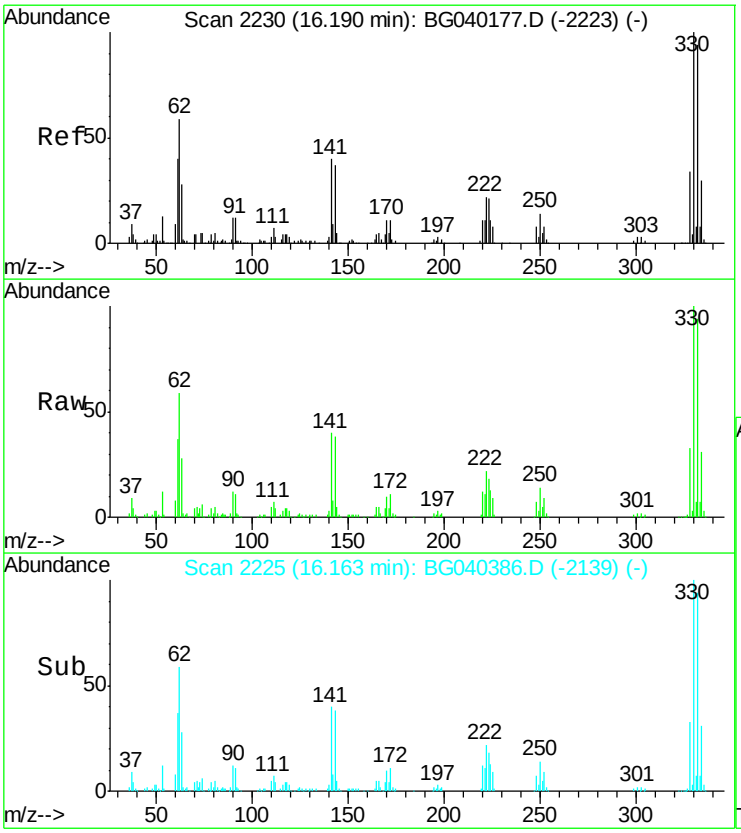
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:164 Resp: 142713

Ion	Ratio	Lower	Upper
164	100		
162	101.3	77.4	116.2
160	45.8	35.3	52.9

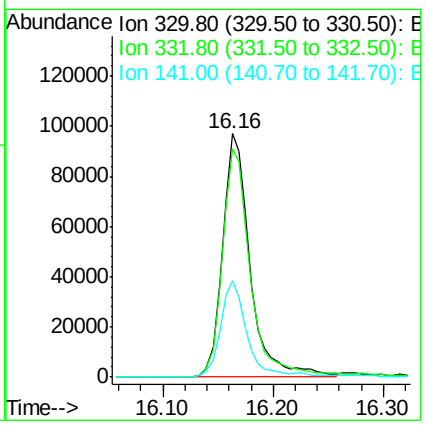


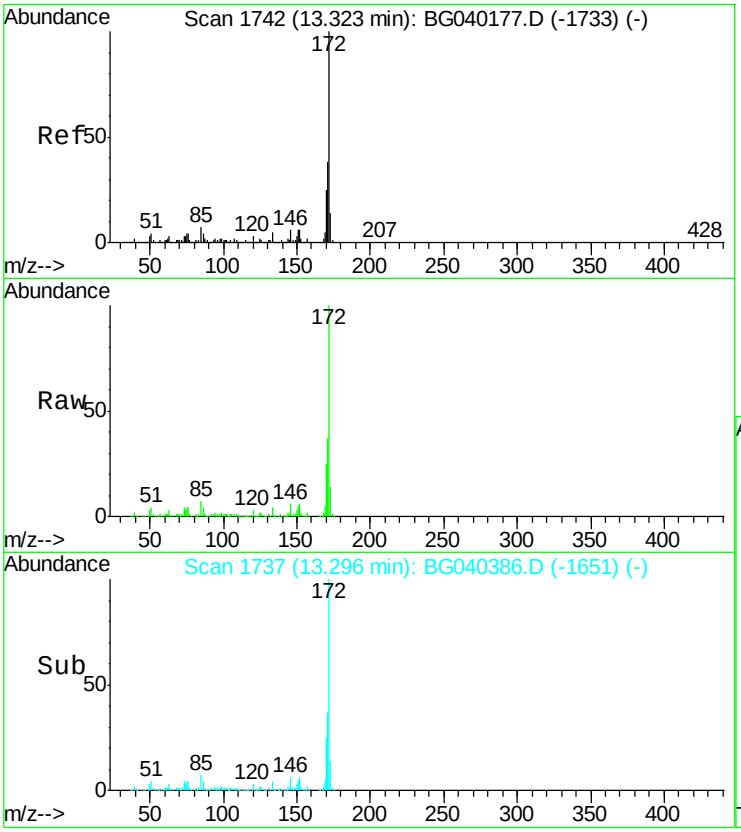


#42
2,4,6-Tribromophenol
Concen: 109.642 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:330 Resp: 169107

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	37.9	32.6	48.8



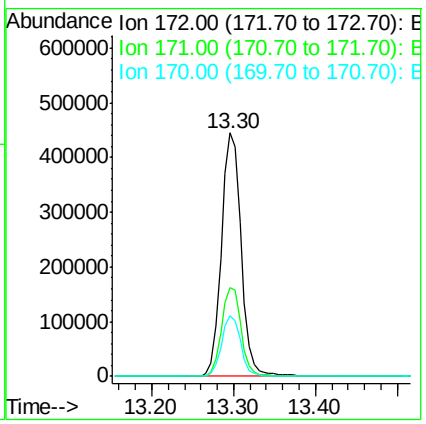


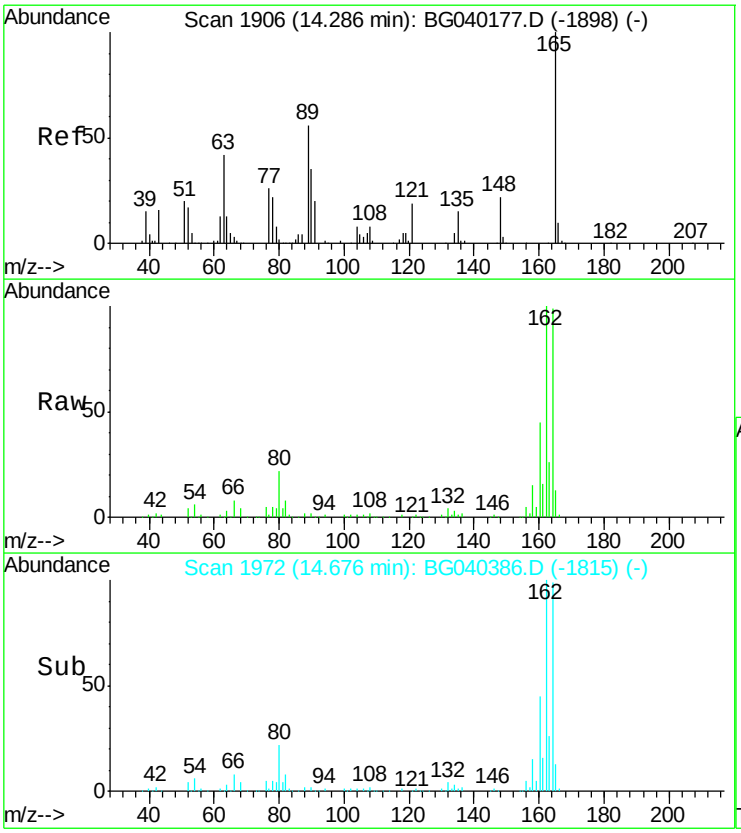
#45
2-Fluorobiphenyl
Concen: 77.500 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:172 Resp: 746424

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.7	20.1	30.1

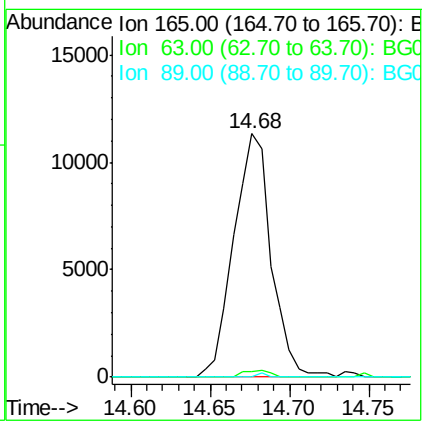


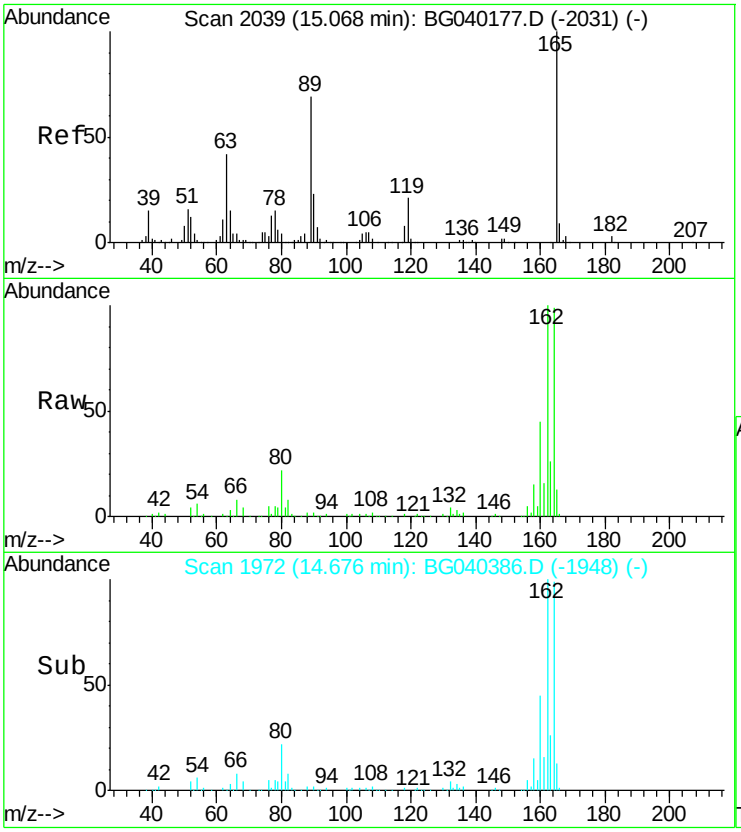


#51
2,6-Dinitrotoluene
Concen: 7.399 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:165 Resp: 18556

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.1	66.1#
89	0.0	44.9	67.3#



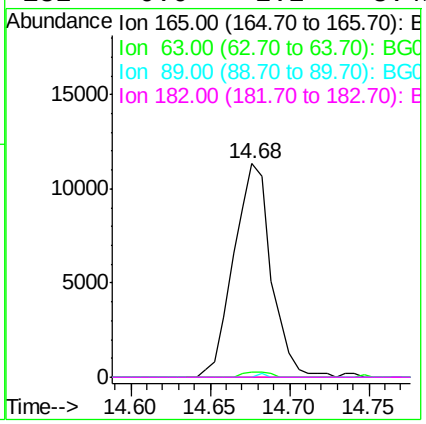


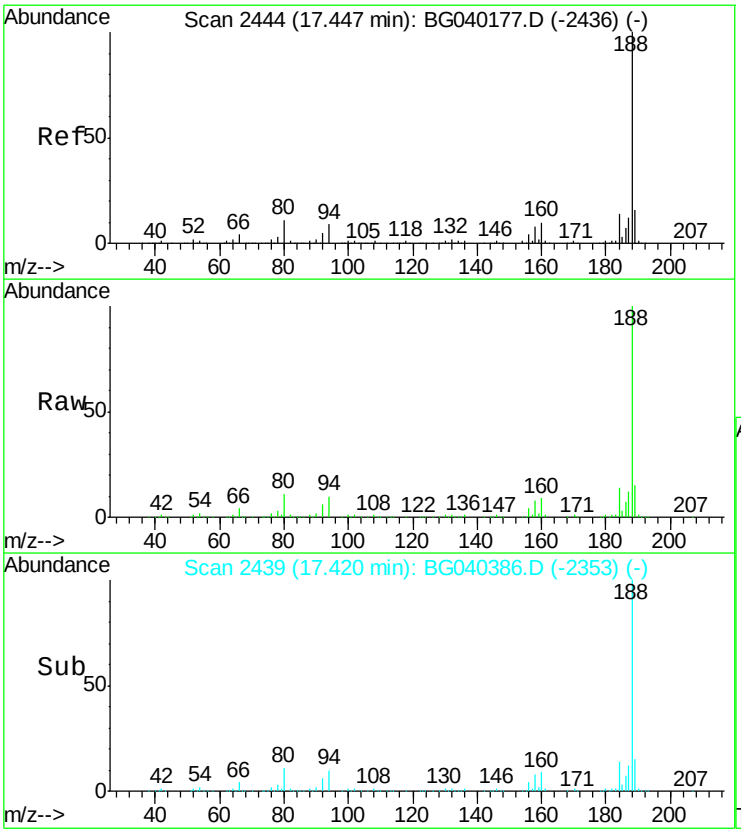
#57
2,4-Dinitrotoluene
Concen: 5.325 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:165 Resp: 18556

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

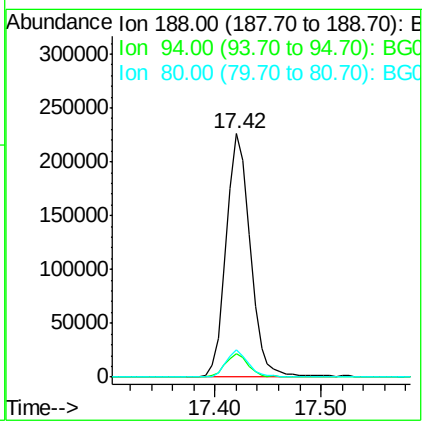


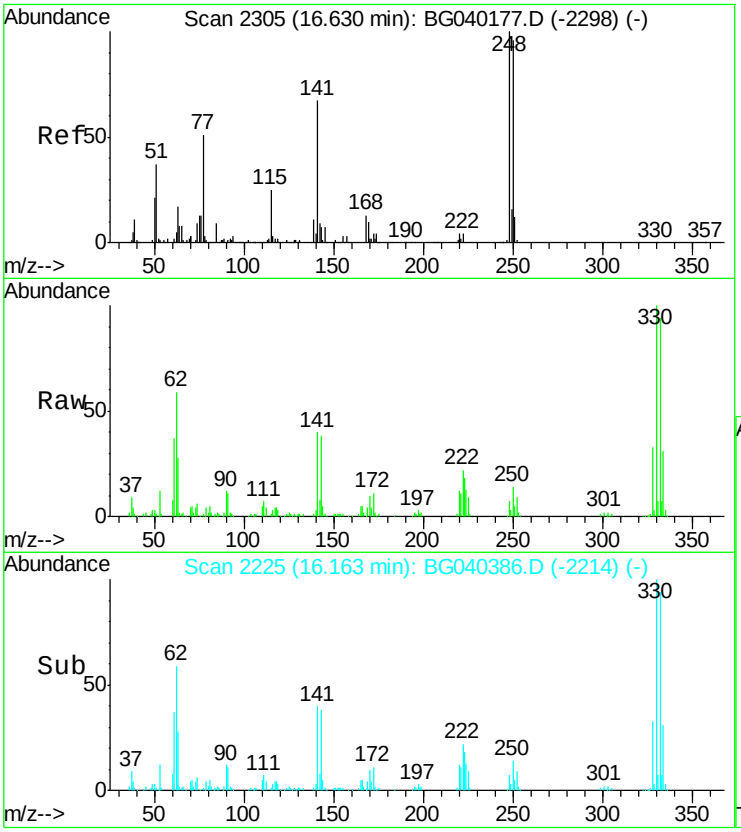


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:188 Resp: 356728

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	11.0	8.6	13.0



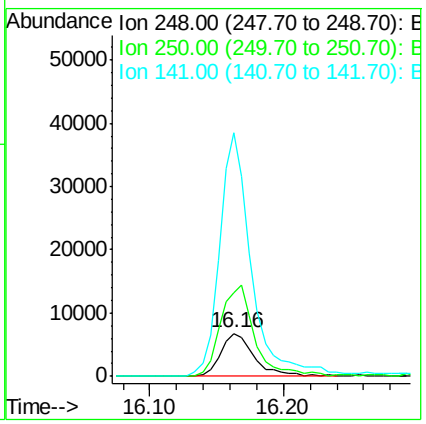


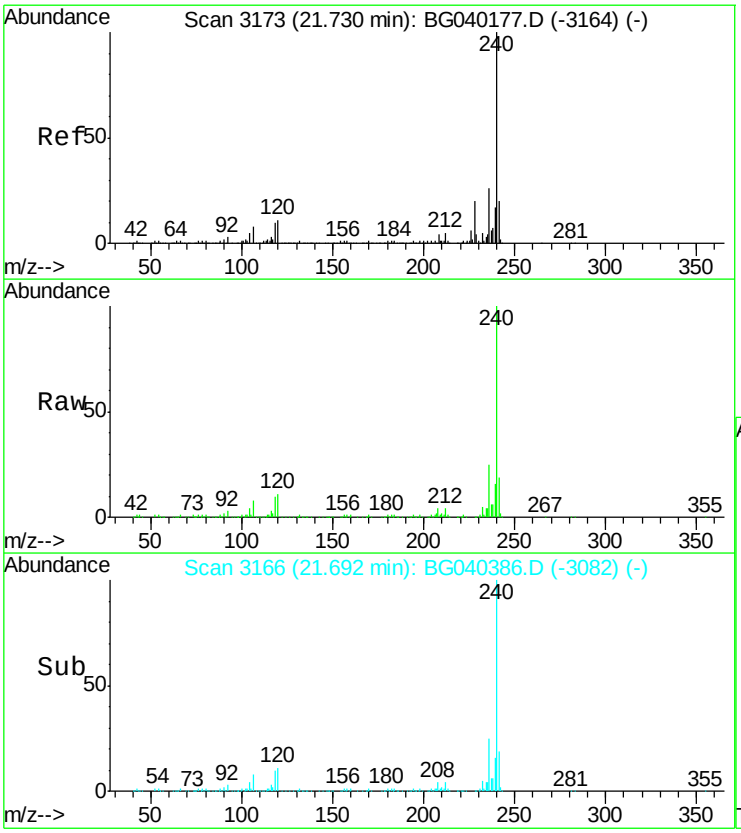
#67
4-Bromophenyl-phenylether
Concen: 2.934 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:248 Resp: 11777

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.4	114.6#
141	566.0	53.8	80.8#

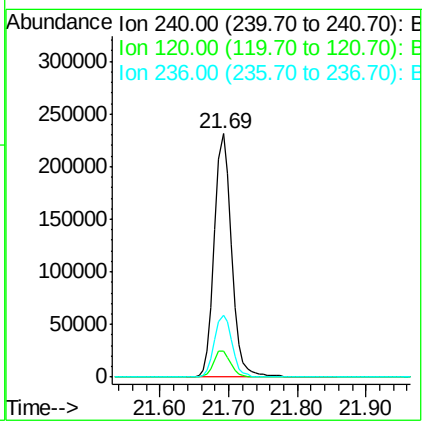


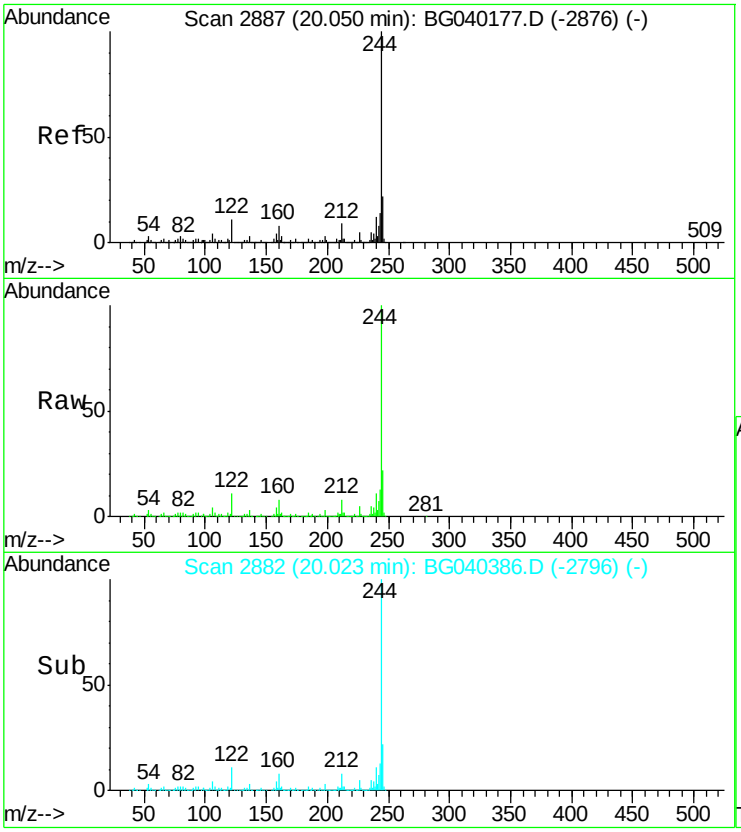


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:240 Resp: 403540

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	25.5	20.8	31.2



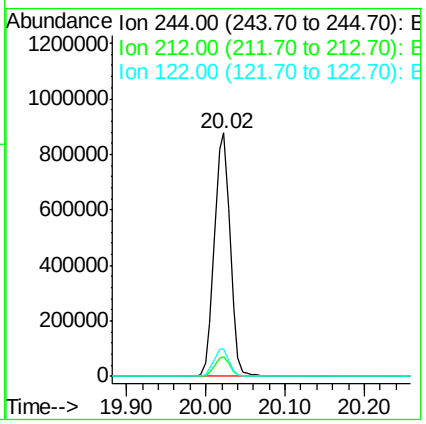


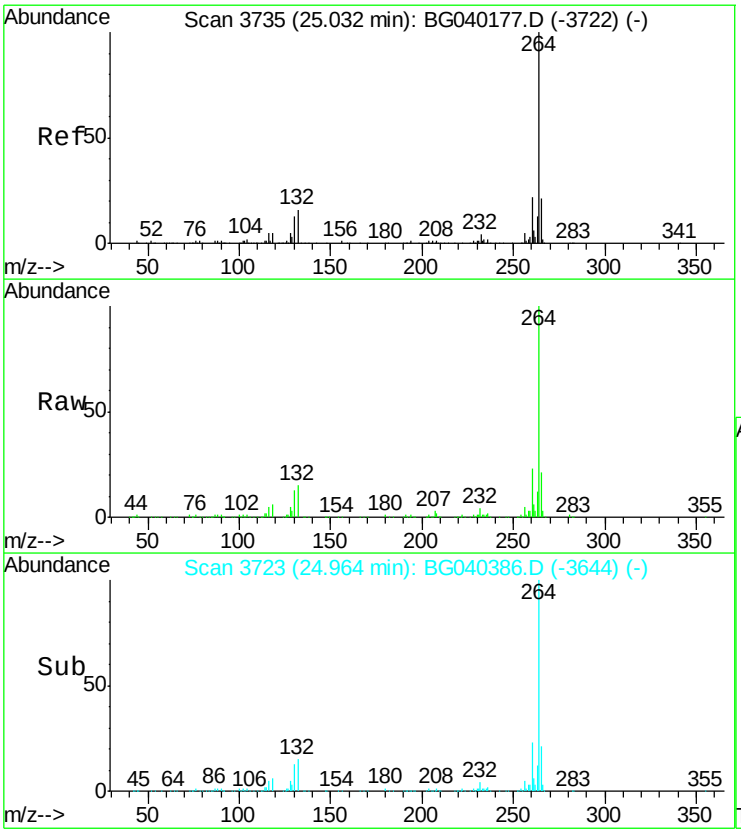
#79
Terphenyl-d14
Concen: 67.550 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Instrument :
BNA_G
ClientSampleId :
PB118634TB

Tgt Ion:244 Resp: 1211696

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	11.0	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040386.D
Acq: 5 Apr 2019 21:05

Tgt Ion:264 Resp: 409080

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.0	16.8	25.2