Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040250.D
Acq On : 30 Mar 2019 7:15
Operator : JU/SJ
Sample : K2121-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

Quant Time: Apr 01 02:06:26 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	54991	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	238963	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	164300	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	414729	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	411530	20.00	ng	-0.02
87) Perylene-d12	25.01	264	415396	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	222696	67.32	ng	0.00
7) Phenol-d6	7.20	99	207898	45.48	ng	-0.02
23) Nitrobenzene-d5	9.23	82	396777	88.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	268368	151.14	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	958205	86.42	ng	-0.02
79) Terphenyl-d14	20.04	244	1566792	85.65	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	49470	15.093	ng	# 76
51) 2,6-Dinitrotoluene	14.69	165	20307	7.033	ng	# 26
57) 2,4-Dinitrotoluene	14.69	165	20307	5.062	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	20115	4.310	ng	# 1

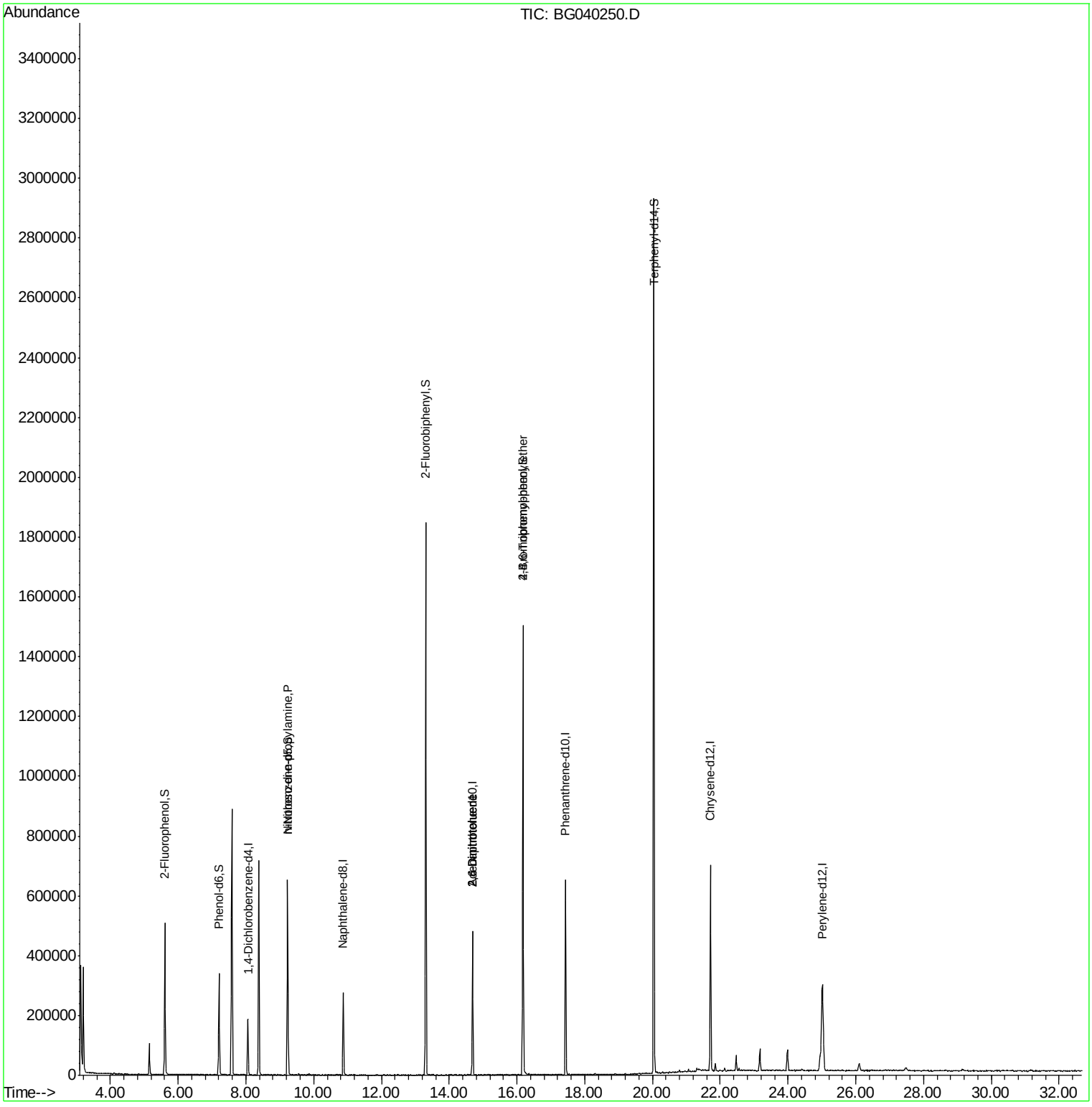
(#) = qualifier out of range (m) = manual integration (+) = signals summed

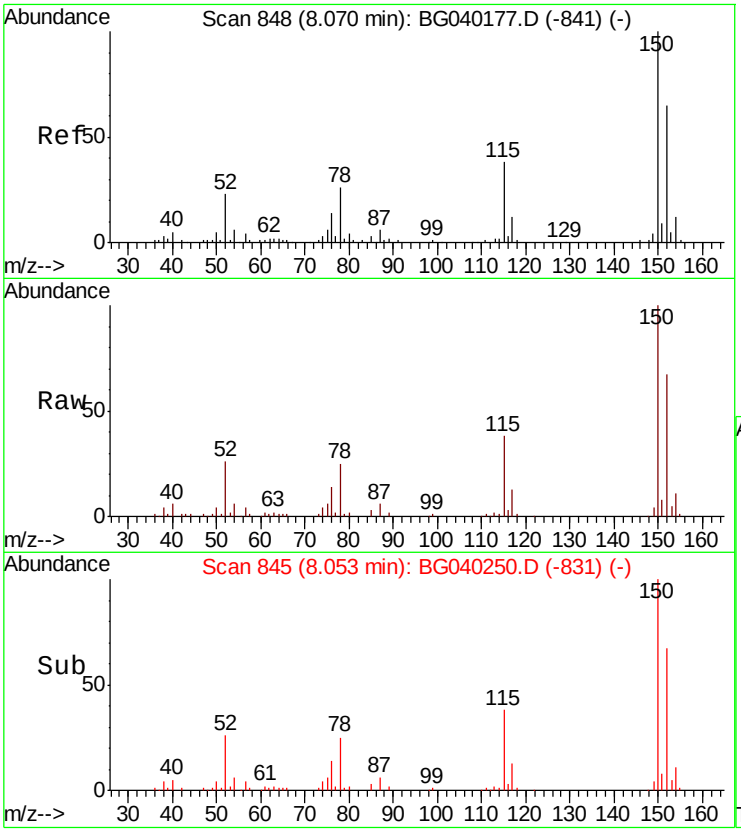
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040250.D
Acq On : 30 Mar 2019 7:15
Operator : JU/SJ
Sample : K2121-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Apr 01 02:06:26 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



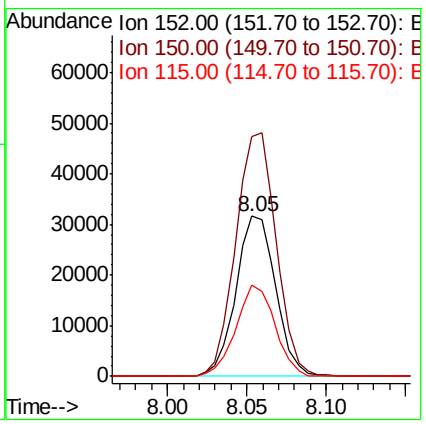


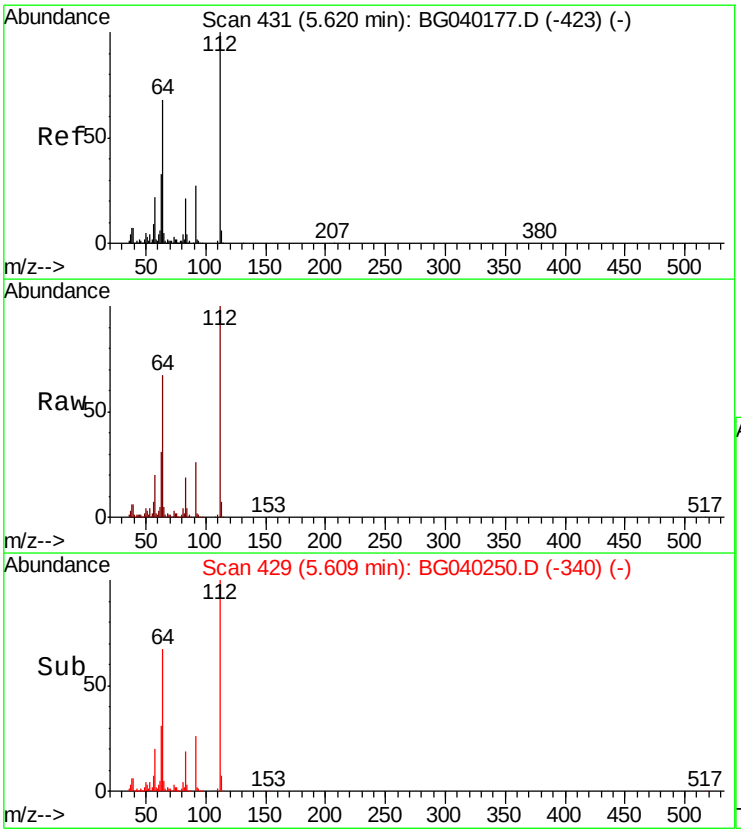
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 54991

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.7	185.5
115	57.3	46.9	70.3

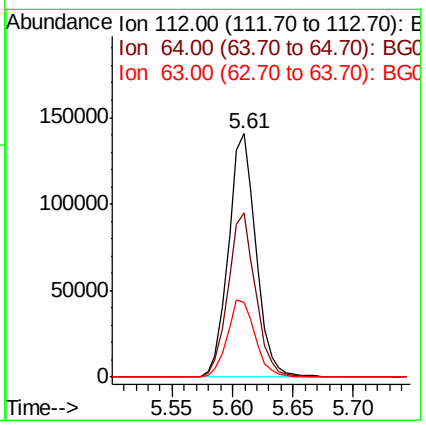


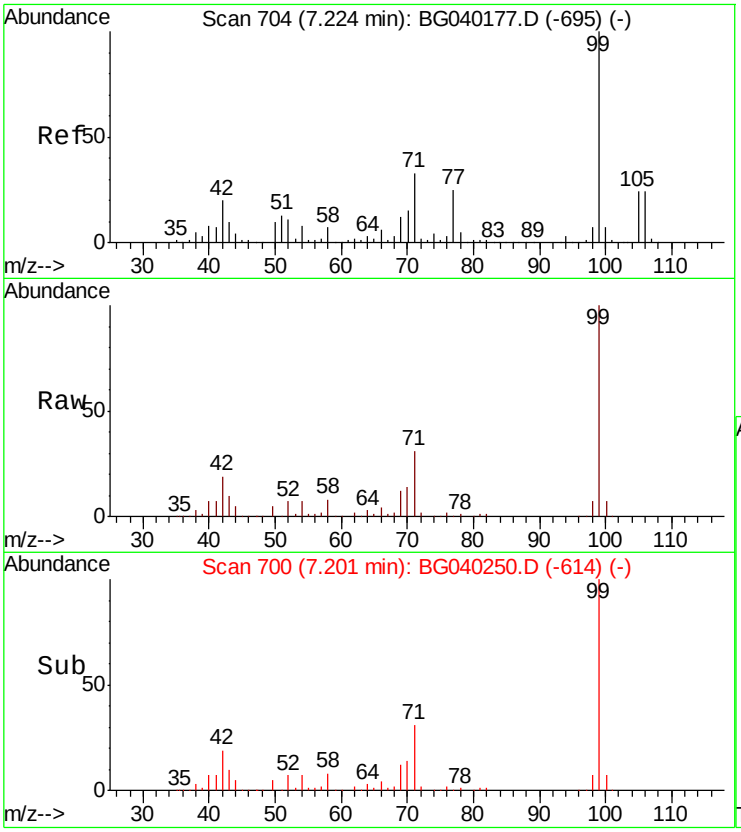


#5
2-Fluorophenol
Concen: 67.322 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion:112 Resp: 222696

Ion	Ratio	Lower	Upper
112	100		
64	67.4	54.2	81.2
63	30.9	26.4	39.6



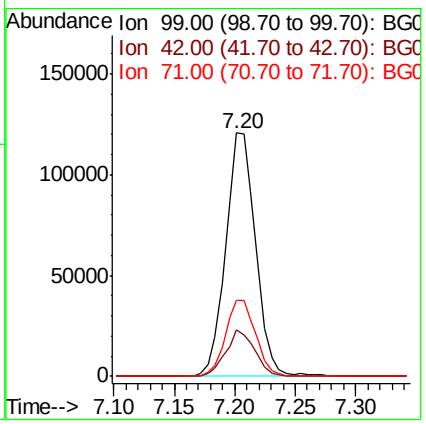


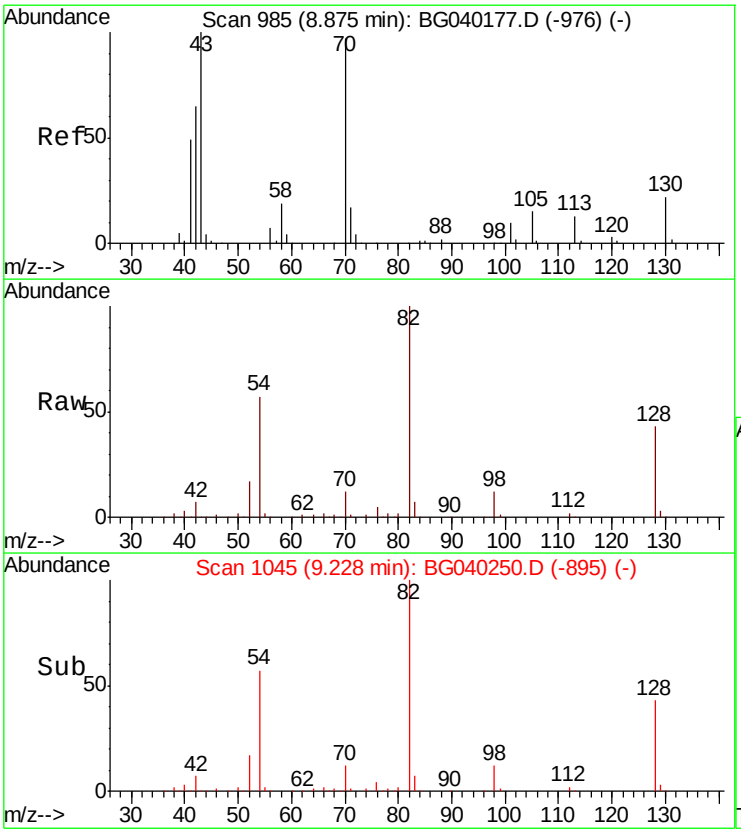
#7
Phenol-d6
Concen: 45.476 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 207898

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	31.0	26.8	40.2

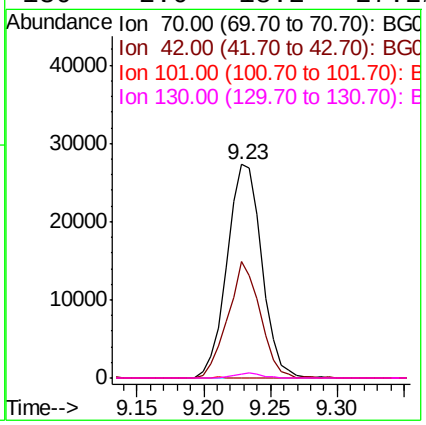


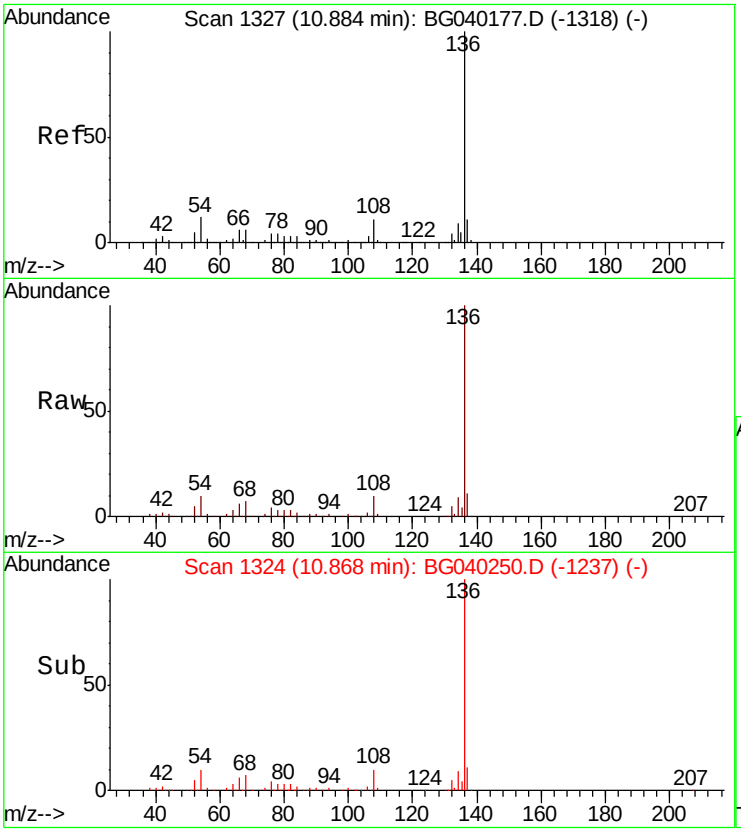


#19
n-Nitroso-di-n-propylamine
Concen: 15.093 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion: 70 Resp: 49470

Ion	Ratio	Lower	Upper
70	100		
42	54.3	54.0	81.0
101	0.0	8.6	13.0#
130	2.0	18.2	27.2#



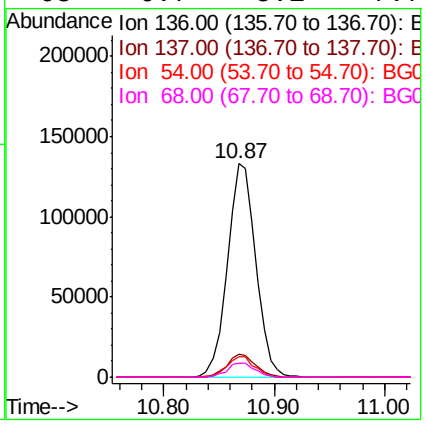


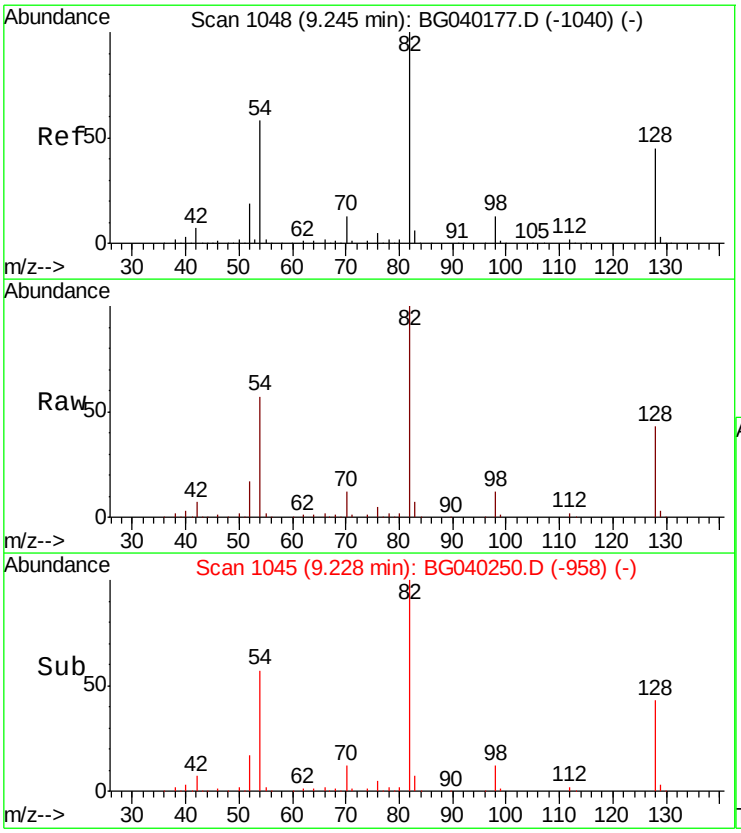
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:136 Resp: 238963

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.9	9.6	14.4
68	6.7	5.1	7.7

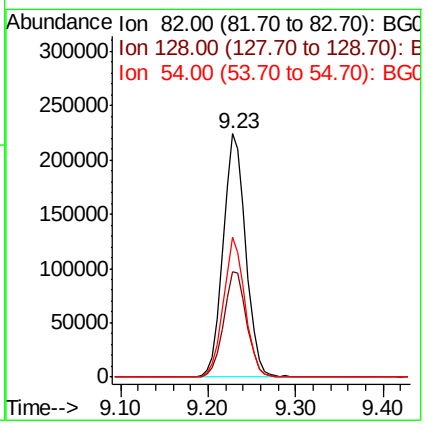


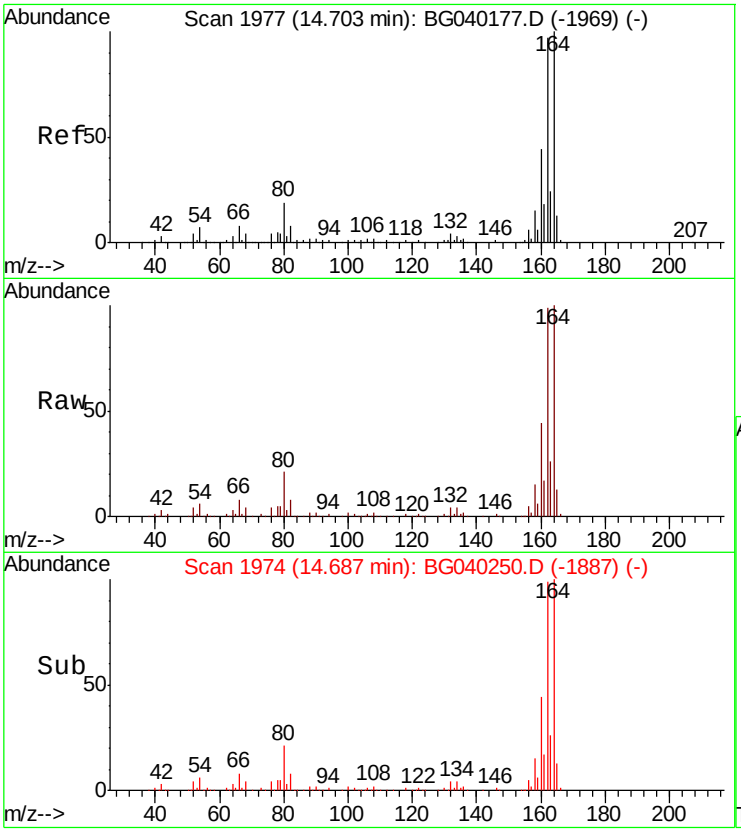


#23
Nitrobenzene-d5
Concen: 88.257 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion: 82 Resp: 396777

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.8
54	57.3	46.2	69.2



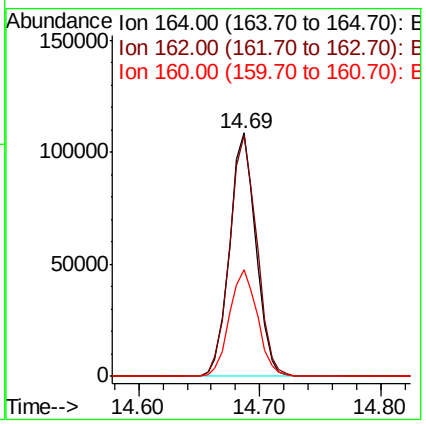


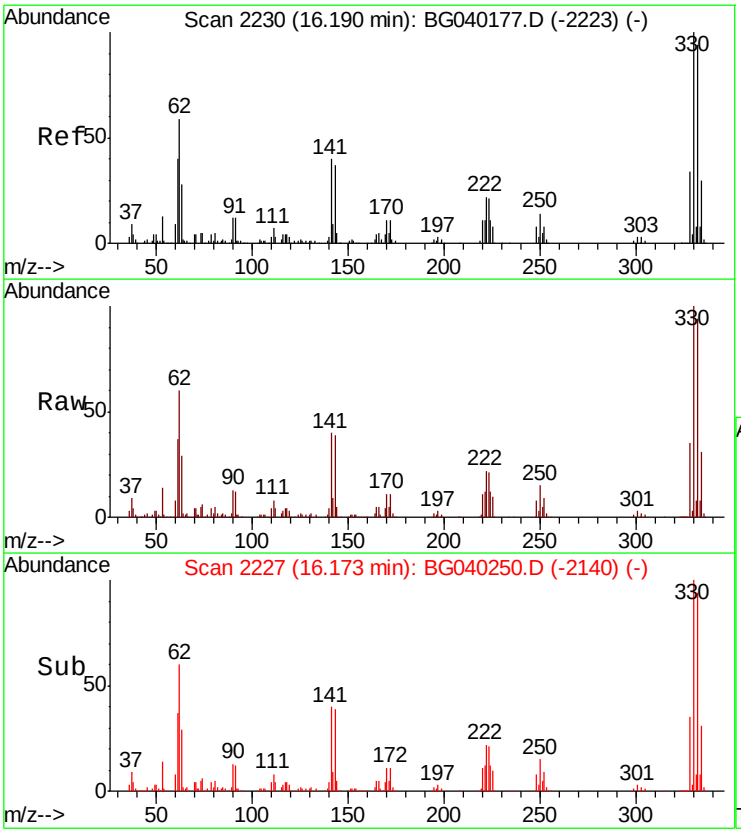
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:164 Resp: 164300

Ion	Ratio	Lower	Upper
164	100		
162	98.8	77.4	116.2
160	43.9	35.3	52.9

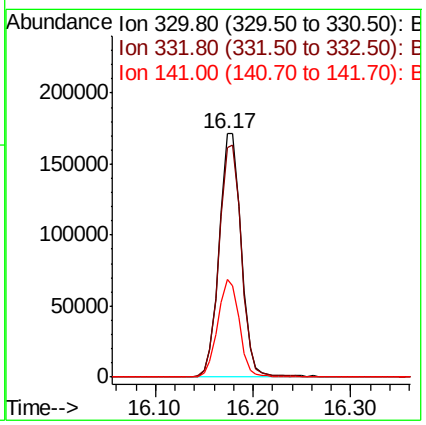


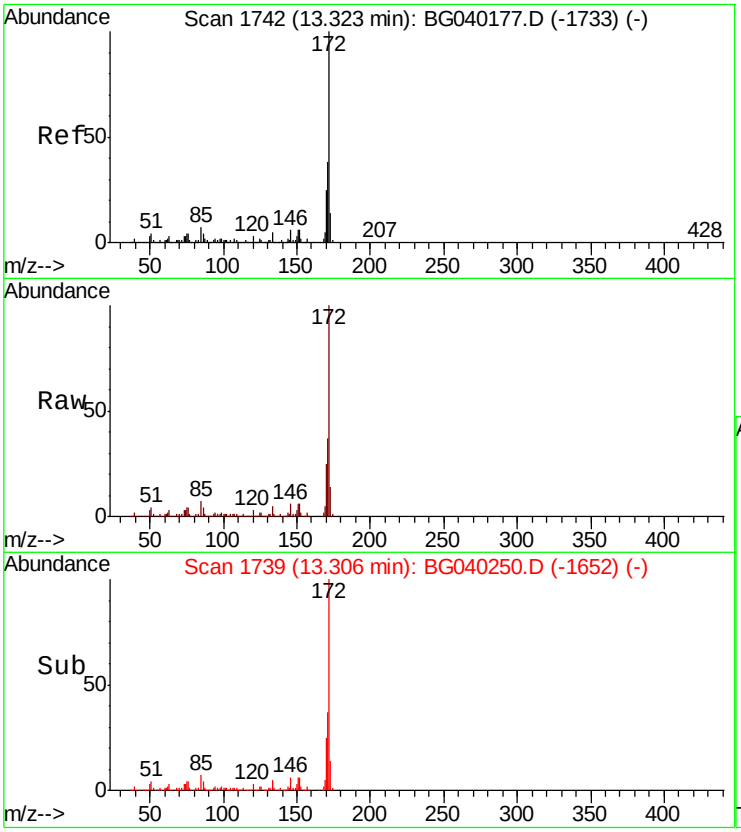


#42
2,4,6-Tribromophenol
Concen: 151.137 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion:330 Resp: 268368

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.4	32.6	48.8



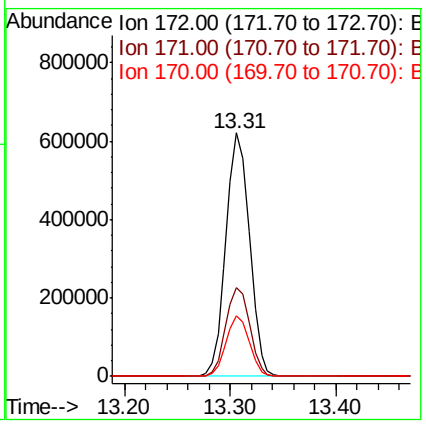


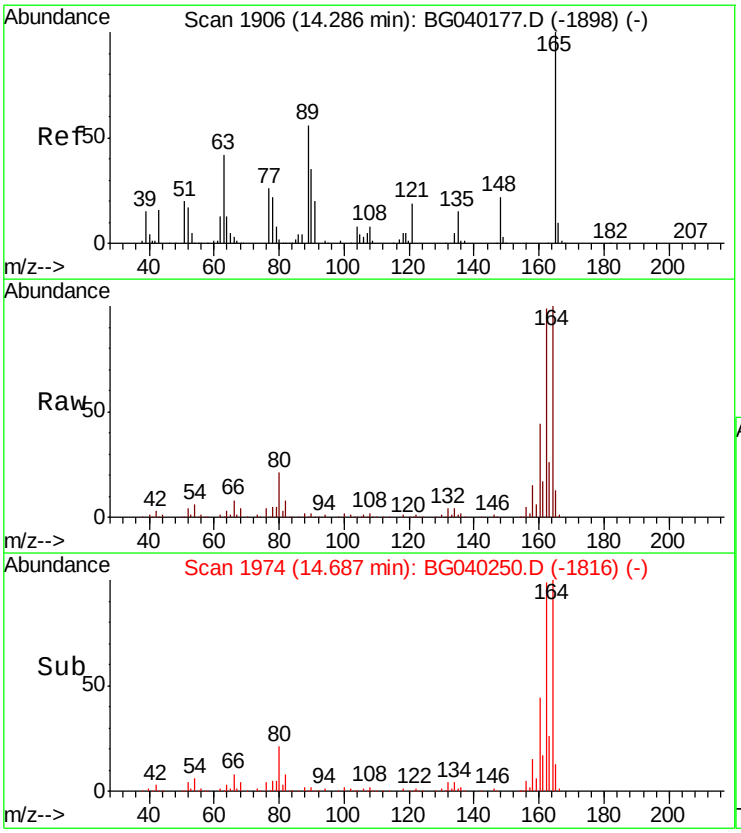
#45
2-Fluorobiphenyl
Concen: 86.417 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 958205

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.8	20.1	30.1

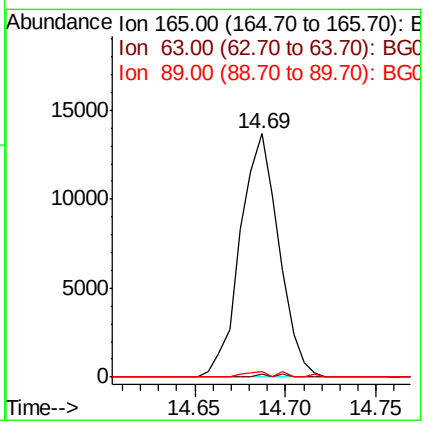


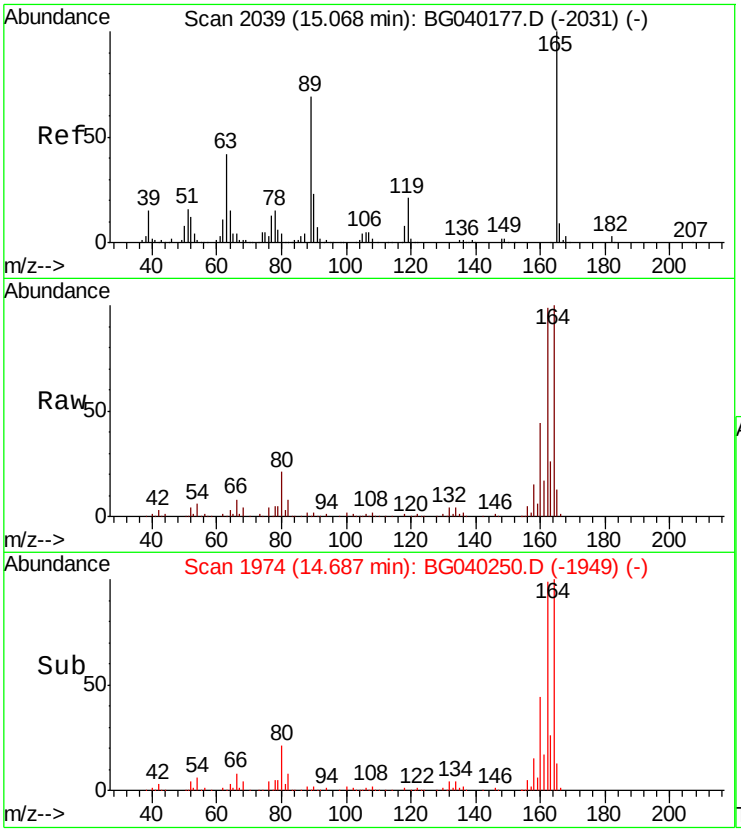


#51
2,6-Dinitrotoluene
Concen: 7.033 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion:165 Resp: 20307

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.1	66.1#
89	2.2	44.9	67.3#



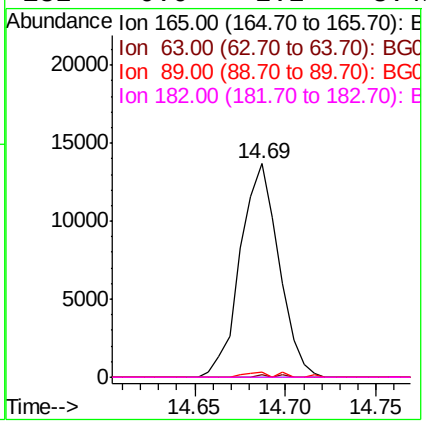


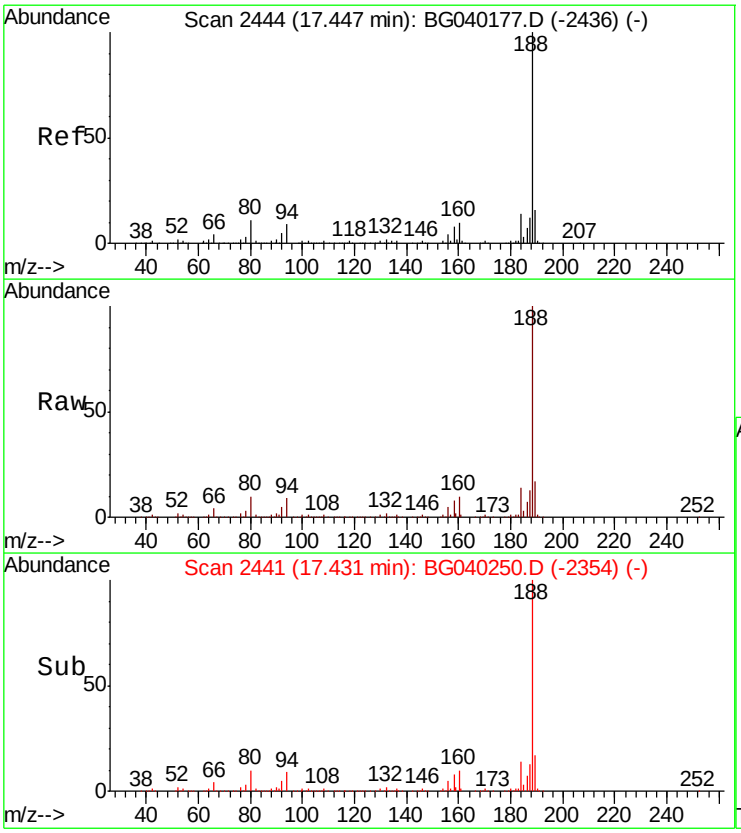
#57
2,4-Dinitrotoluene
Concen: 5.062 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.38 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:165 Resp: 20307

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.6#
89	2.2	55.4	83.2#
182	0.0	2.2	3.4#

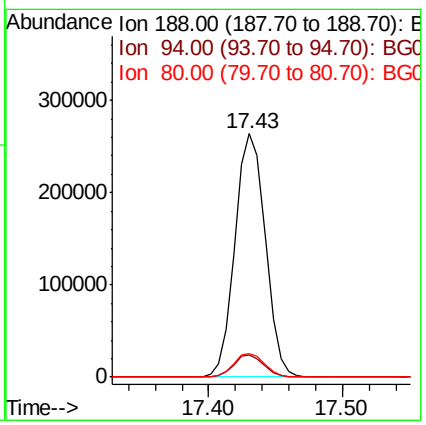


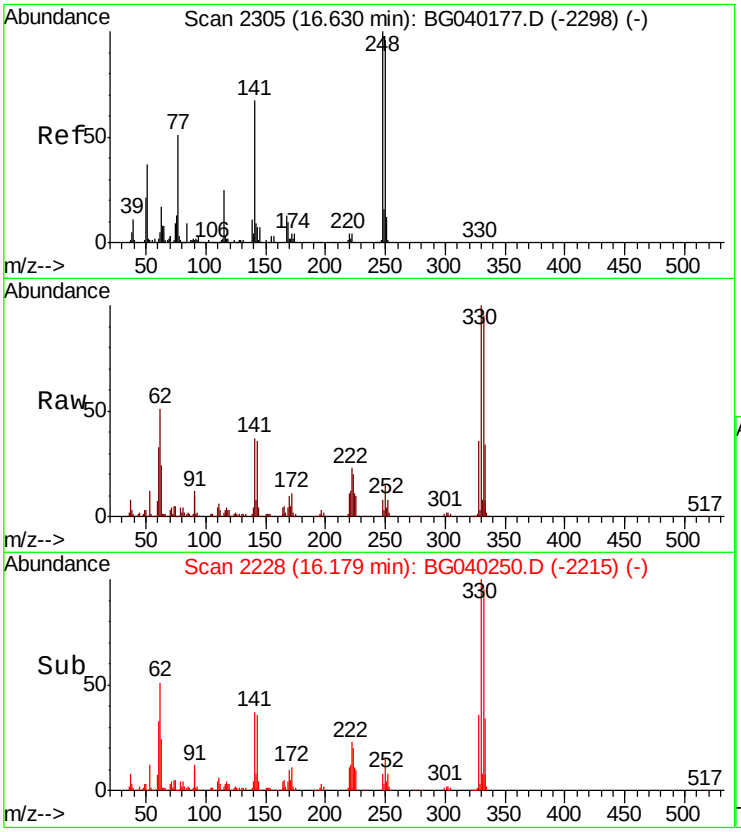


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion:188 Resp: 414729

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	9.6	8.6	13.0



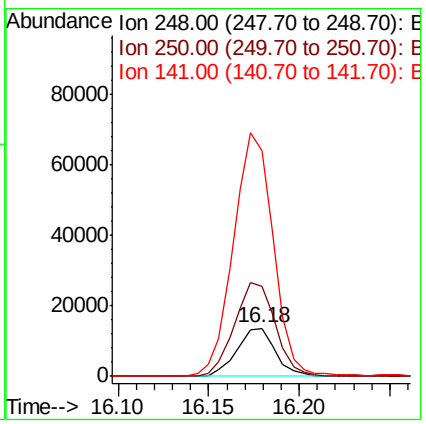


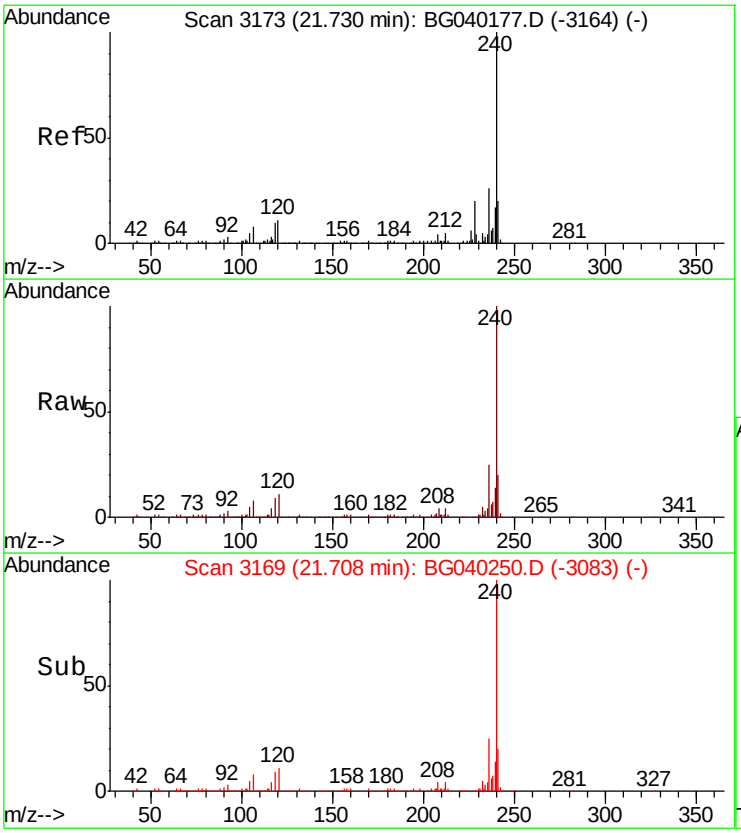
#67
4-Bromophenyl-phenylether
Concen: 4.310 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:248 Resp: 20115

Ion	Ratio	Lower	Upper
248	100		
250	187.9	76.4	114.6#
141	472.3	53.8	80.8#

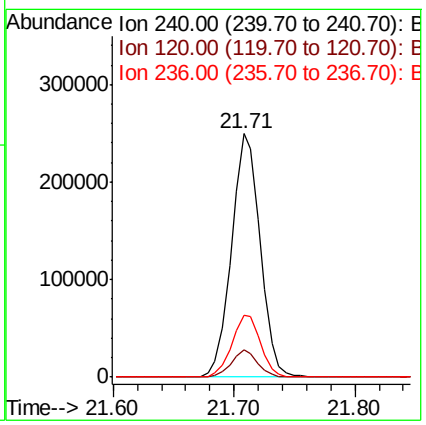


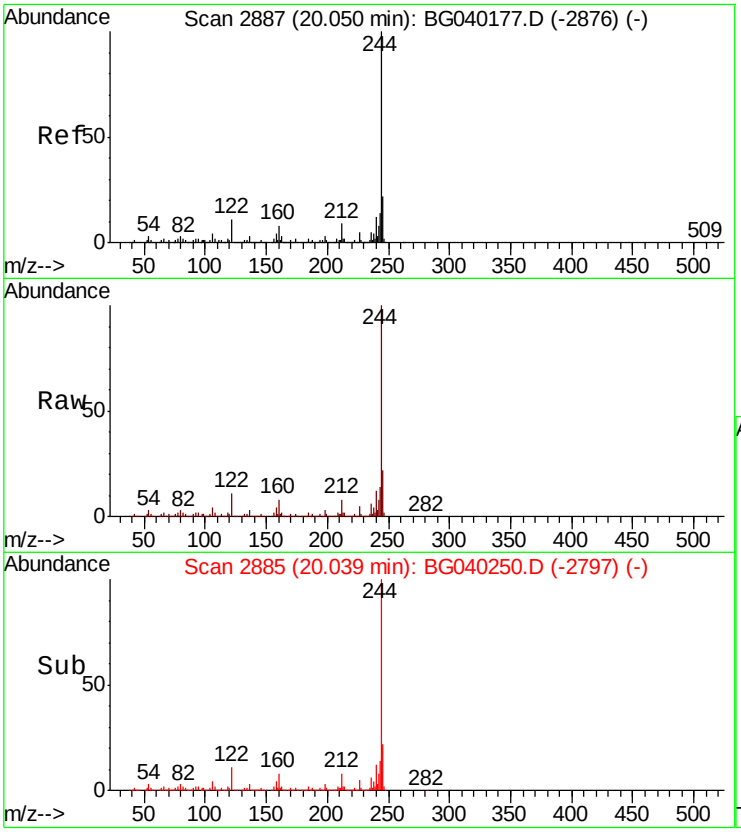


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion:240 Resp: 411530

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	25.5	20.8	31.2



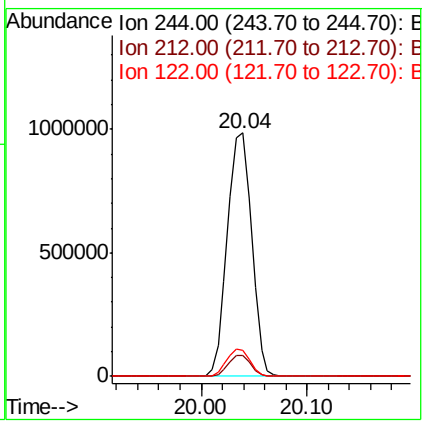


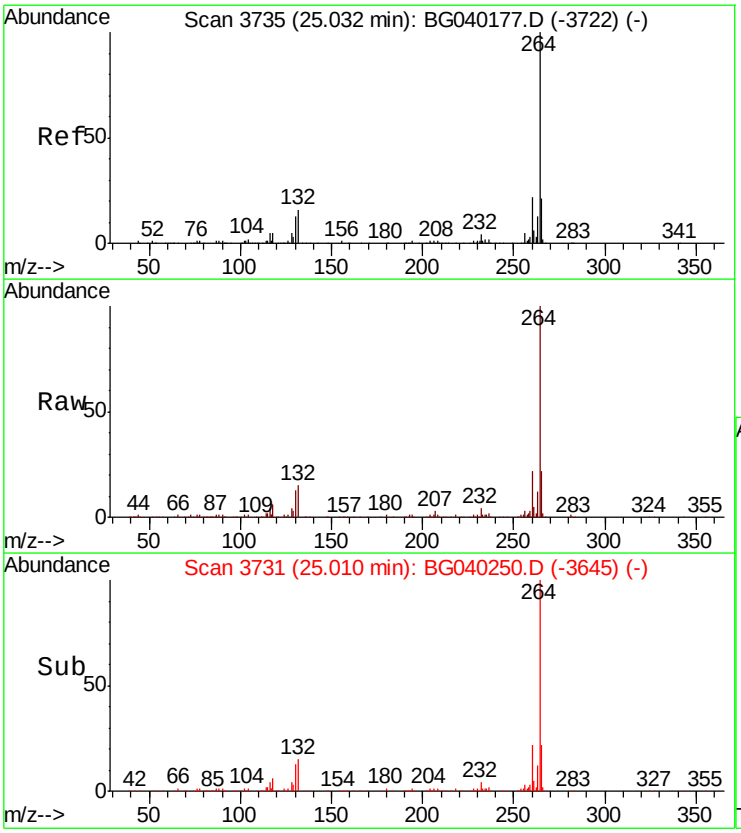
#79
Terphenyl-d14
Concen: 85.650 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Instrument :
BNA_G
ClientSampleId :
MW-6

Tgt Ion:244 Resp: 1566792

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	10.8	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040250.D
Acq: 30 Mar 2019 7:15

Tgt Ion:264 Resp: 415396

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.9	26.9
265	21.5	16.8	25.2