Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040735.D
Acq On : 3 May 2019 21:39
Operator : JU/SJ
Sample : K2642-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-050219

Quant Time: May 03 23:18:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40671	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	162253	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123960	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	359551	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	362947	20.00	ng	-0.02
87) Perylene-d12	25.16	264	376217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	380778	165.04	ng	0.00
7) Phenol-d6	7.28	99	511737	144.05	ng	-0.01
23) Nitrobenzene-d5	9.32	82	447339	127.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	355536	208.67	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	919293	107.10	ng	-0.02
79) Terphenyl-d14	20.11	244	2050435	125.16	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	1450	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.33	70	66418	20.770	ng	# 70
51) 2,6-Dinitrotoluene	14.77	165	15043	7.432	ng	# 15
57) 2,4-Dinitrotoluene	14.77	165	15043	5.469	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.53	198	64	7.132	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	26881	6.001	ng	# 1
77) Benzidine	20.11	184	39945	4.020	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040735.D
Acq On : 3 May 2019 21:39
Operator : JU/SJ
Sample : K2642-02
Misc :
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Instrument :
BNA_G
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OK-02-050219

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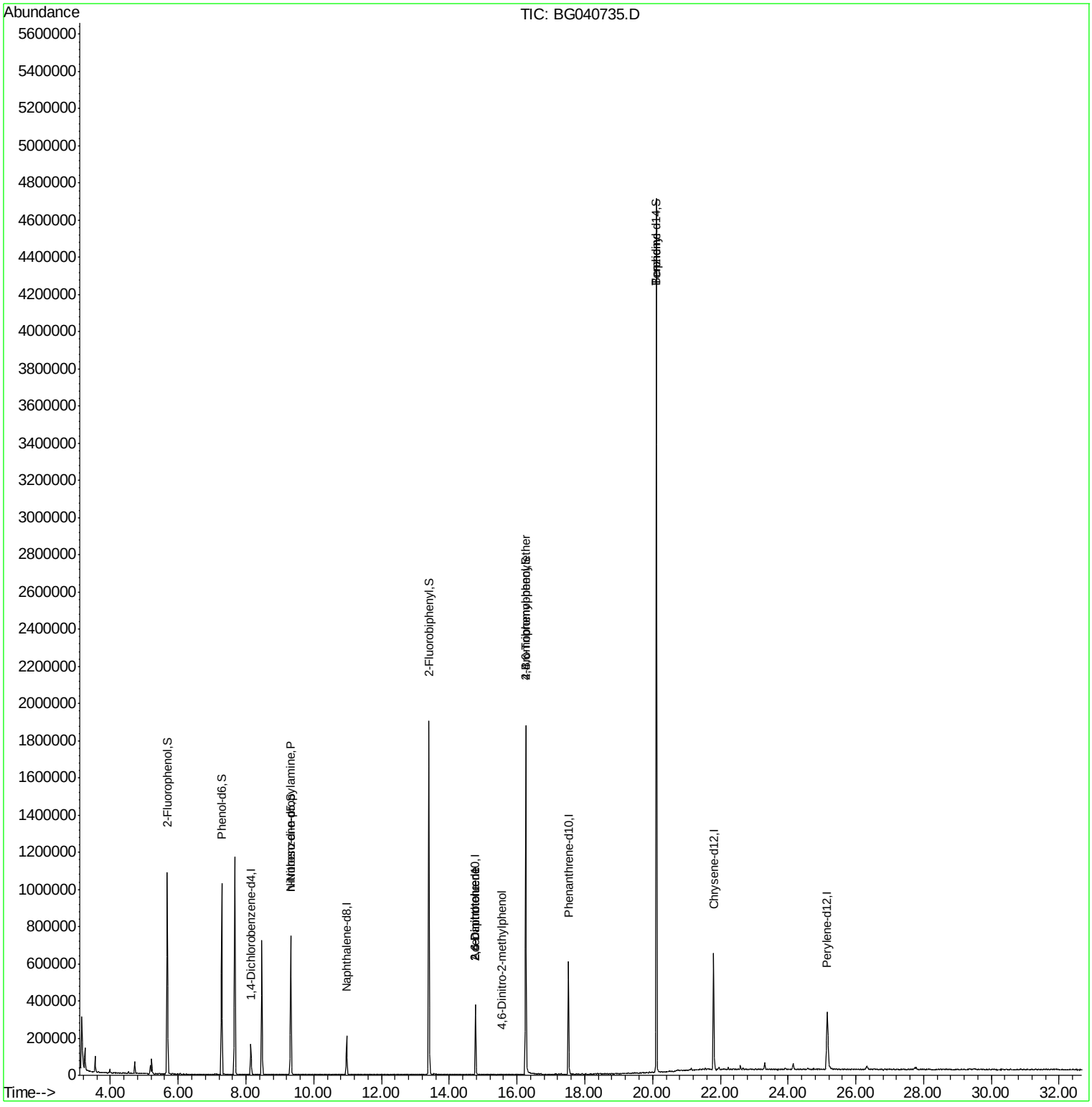
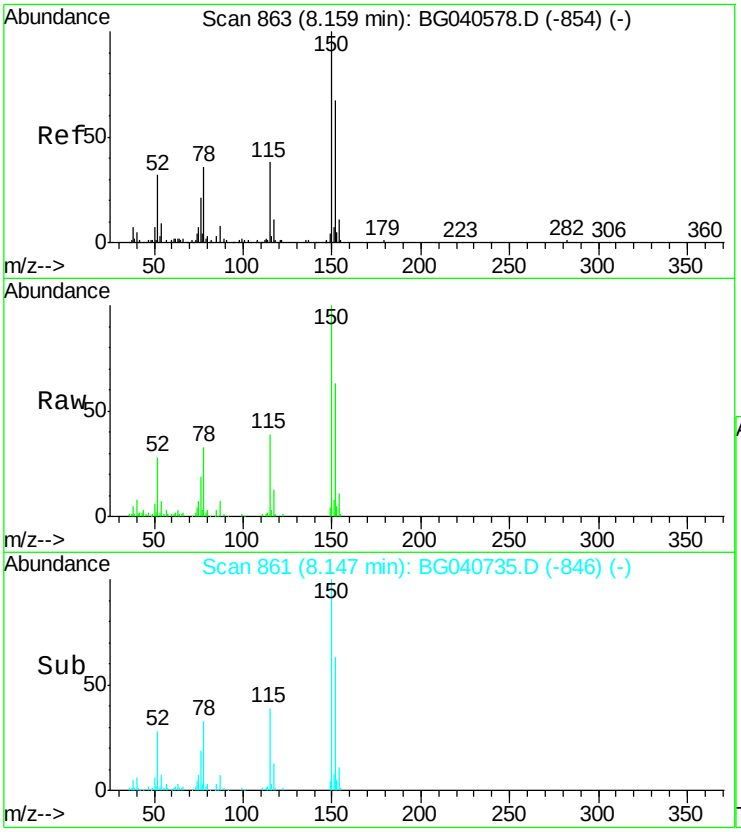


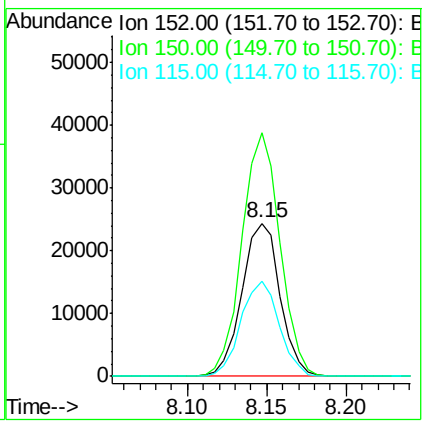


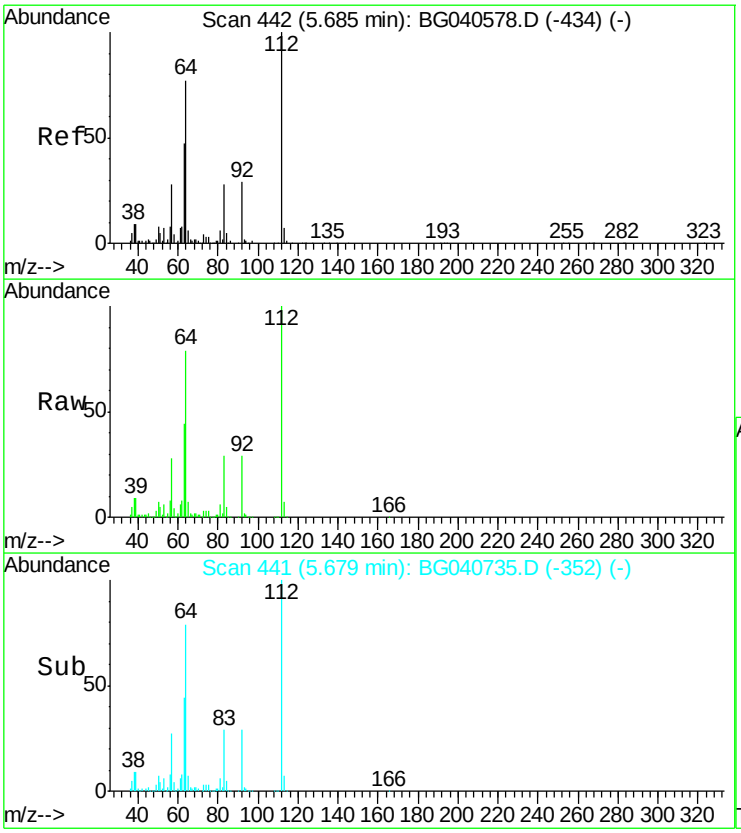
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:152 Resp: 40671

Ion	Ratio	Lower	Upper
152	100		
150	159.2	120.2	180.2
115	62.0	46.2	69.2

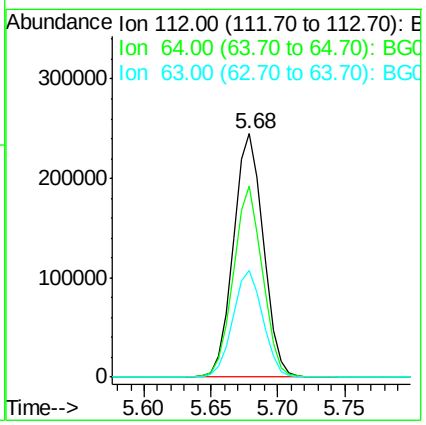


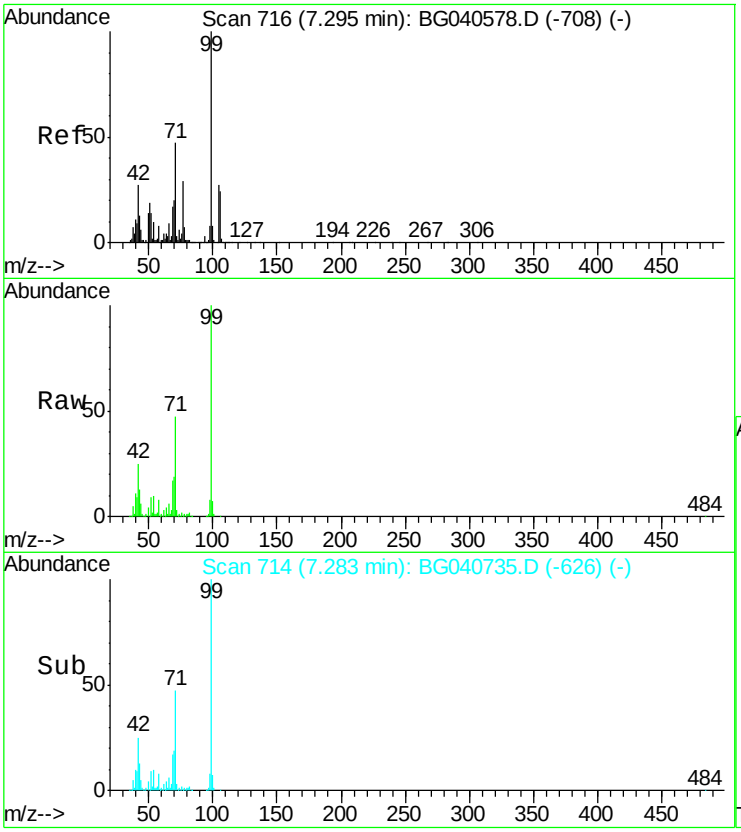


#5
2-Fluorophenol
Concen: 165.037 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:112 Resp: 380778

Ion	Ratio	Lower	Upper
112	100		
64	78.5	61.4	92.0
63	43.9	37.8	56.6



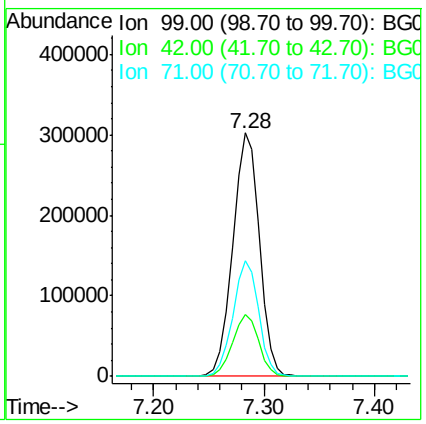


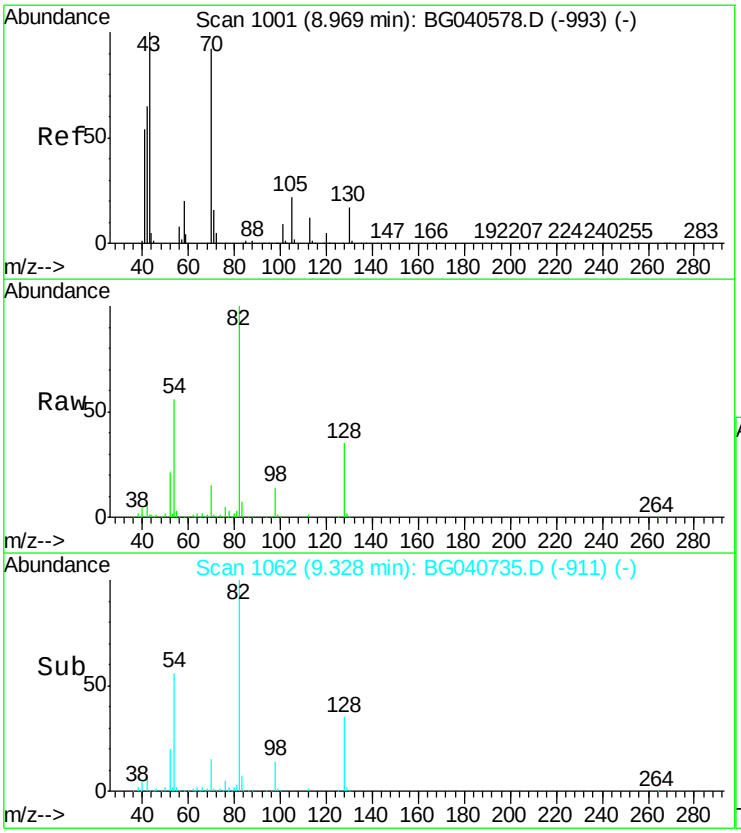
#7
Phenol-d6
Concen: 144.051 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion: 99 Resp: 511737

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.8	32.8
71	47.3	38.6	57.8

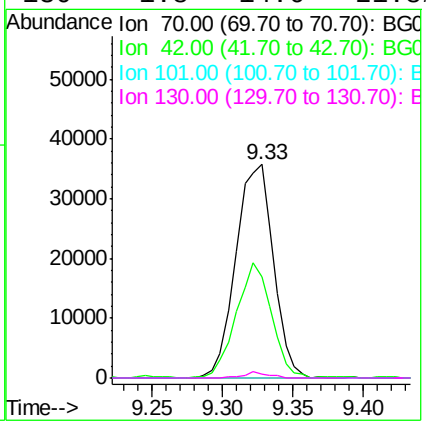


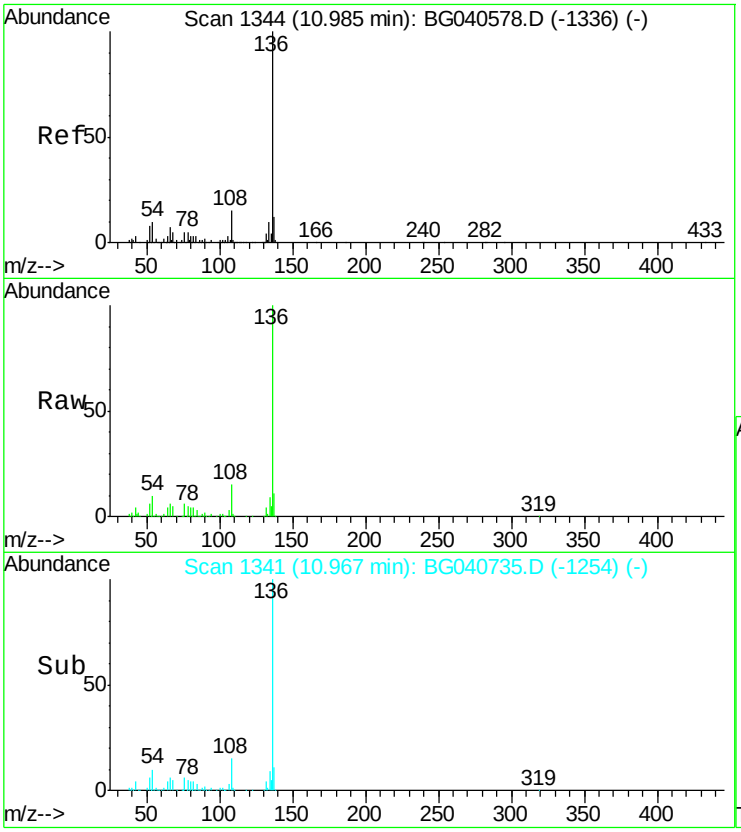


#19
n-Nitroso-di-n-propylamine
Concen: 20.770 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion: 70 Resp: 66418

Ion	Ratio	Lower	Upper
70	100		
42	47.1	57.1	85.7#
101	0.0	7.8	11.8#
130	1.8	14.6	21.8#



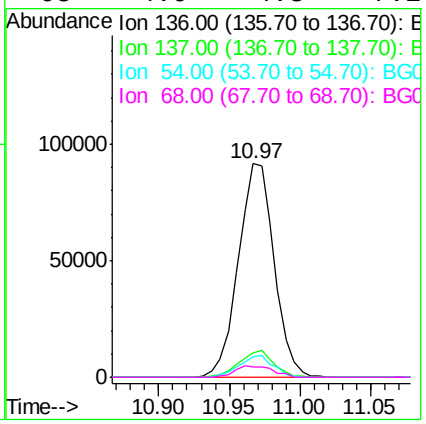


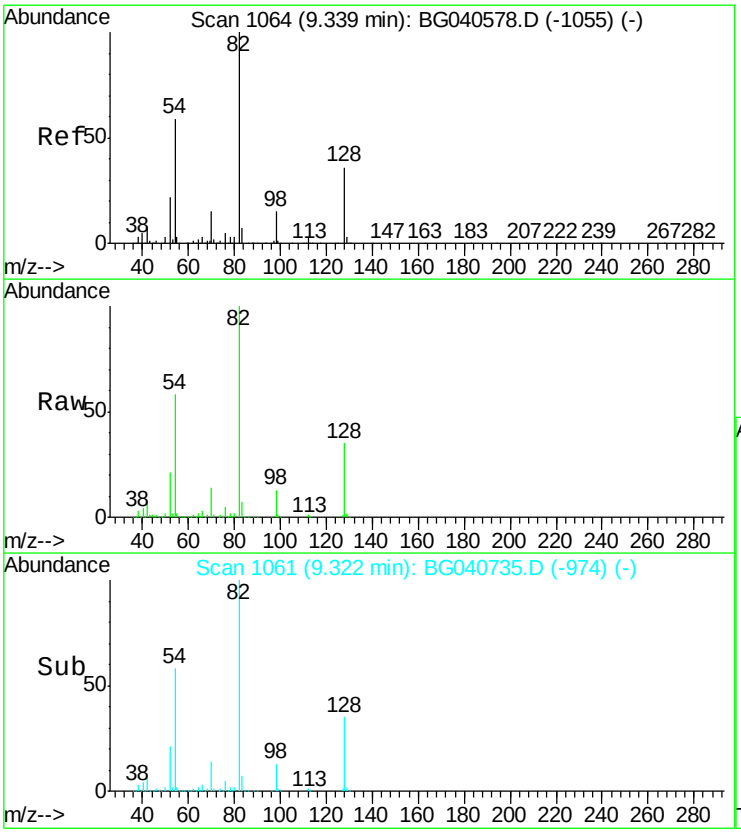
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:136 Resp: 162253

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	9.6	8.6	12.8
68	4.9	4.8	7.2

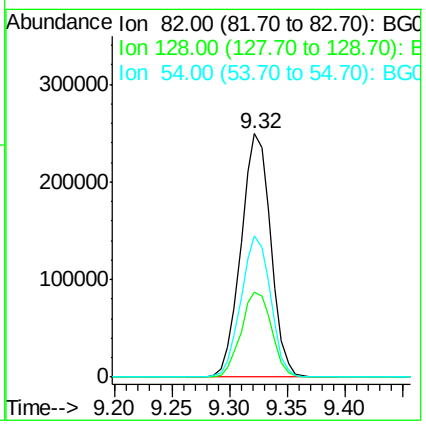


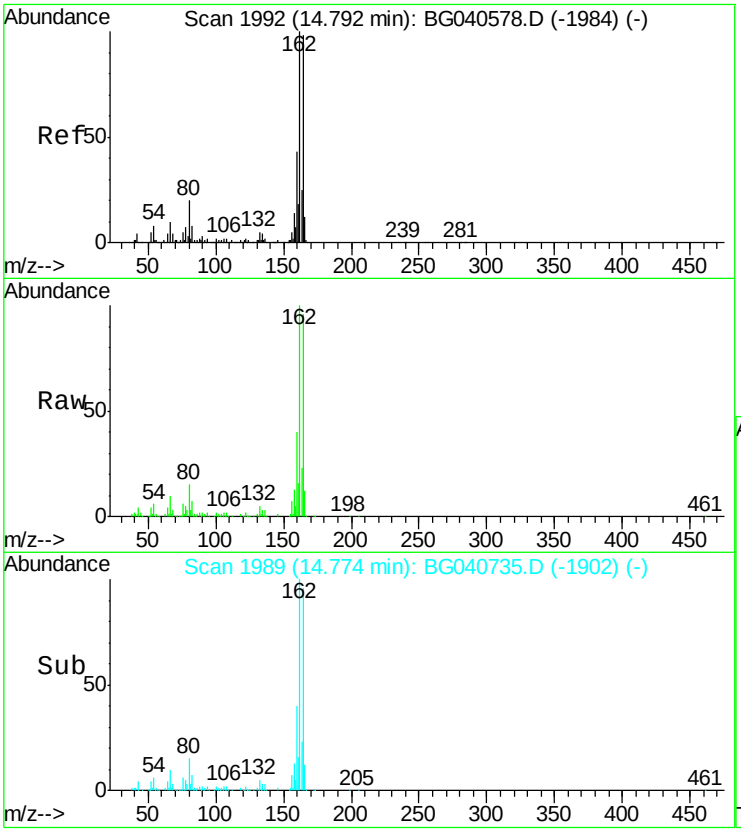


#23
Nitrobenzene-d5
Concen: 127.393 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion: 82 Resp: 447339

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.9	43.3
54	58.1	47.2	70.8



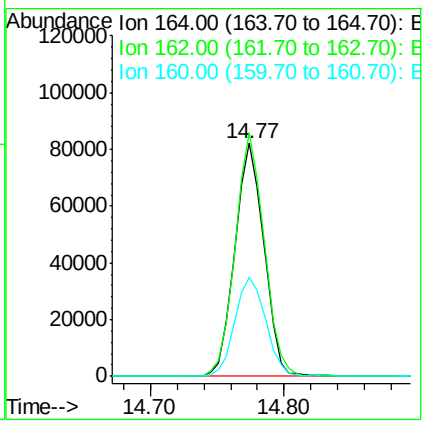


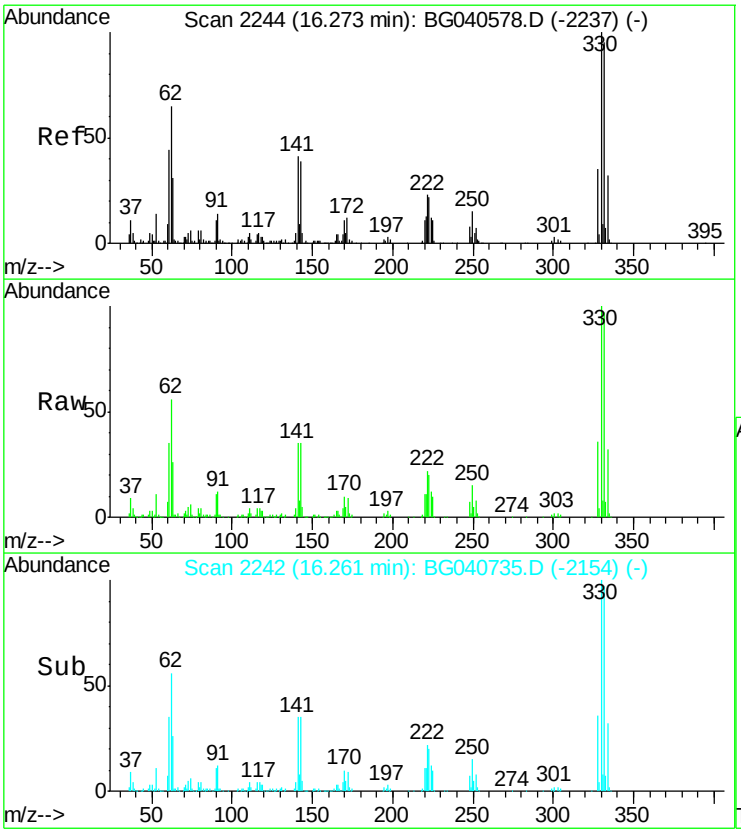
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:164 Resp: 123960

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.9	122.9
160	42.3	35.4	53.2

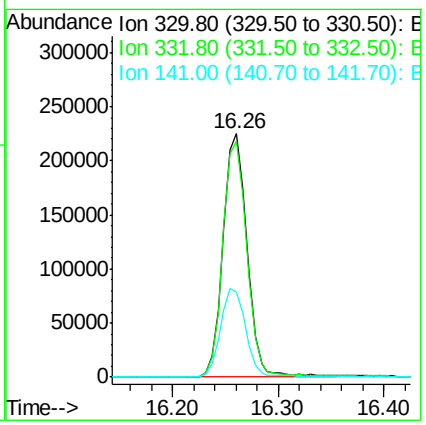


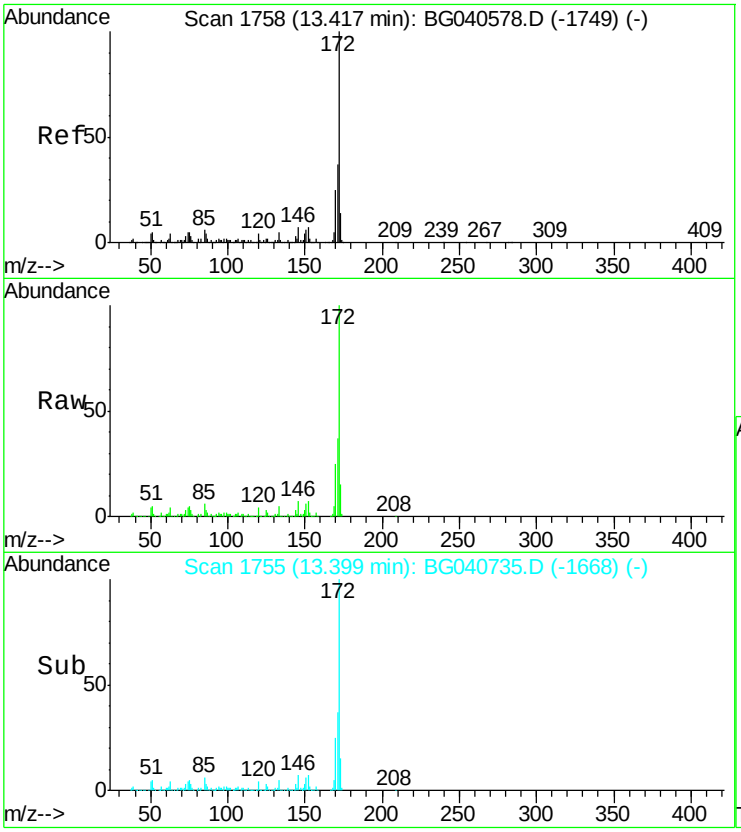


#42
2,4,6-Tribromophenol
Concen: 208.665 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:330 Resp: 355536

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	38.6	32.4	48.6



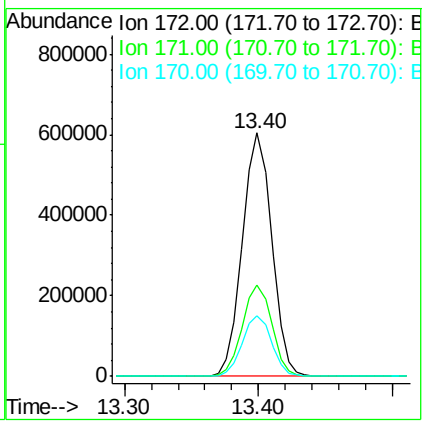


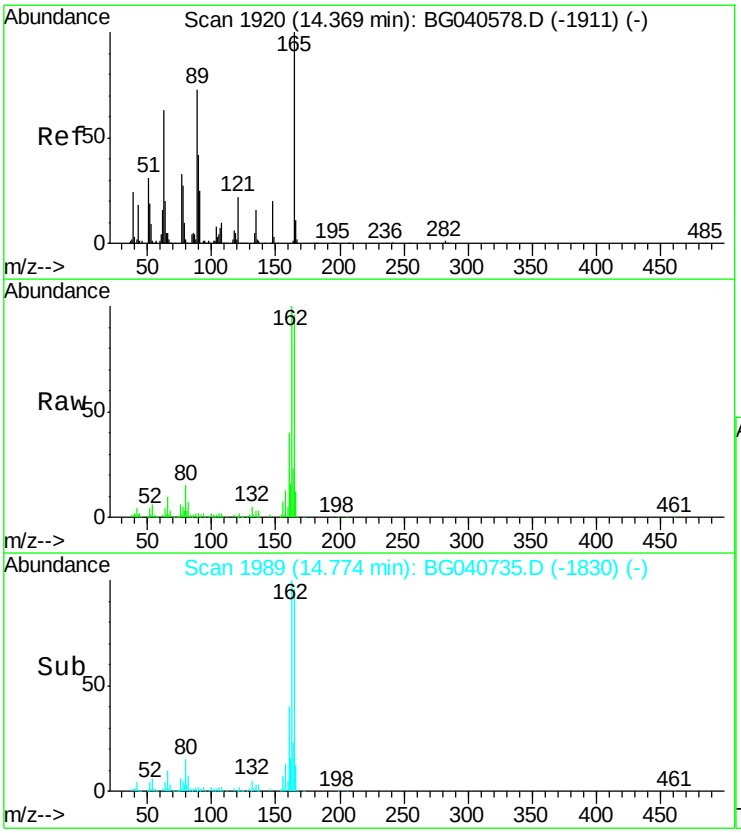
#45
2-Fluorobiphenyl
Concen: 107.103 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:172 Resp: 919293

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	24.9	19.9	29.9

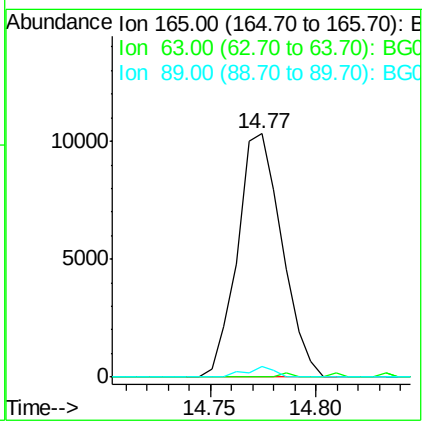


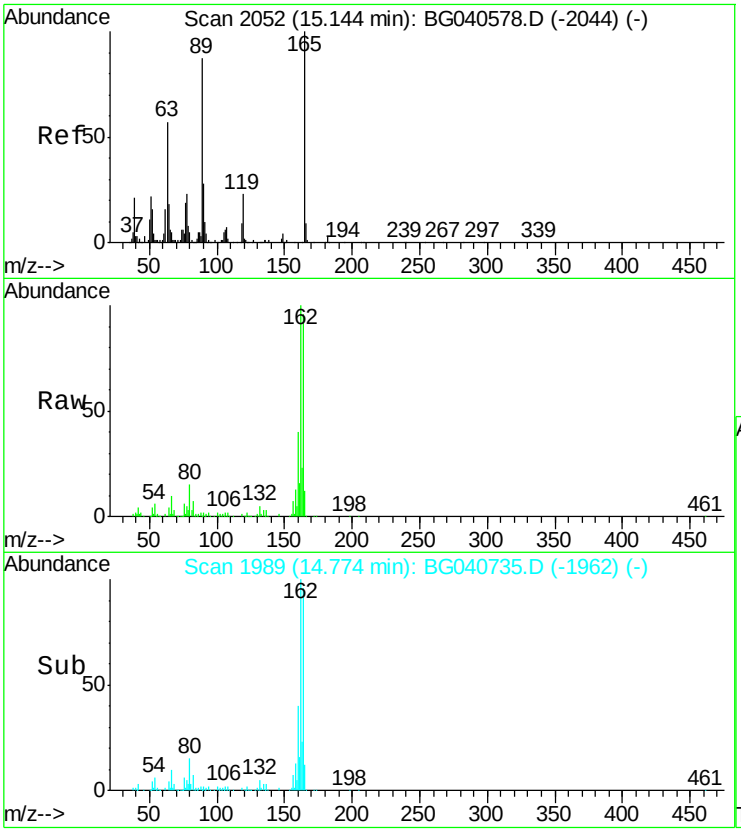


#51
2,6-Dinitrotoluene
Concen: 7.432 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:165 Resp: 15043

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	4.5	58.6	87.8#



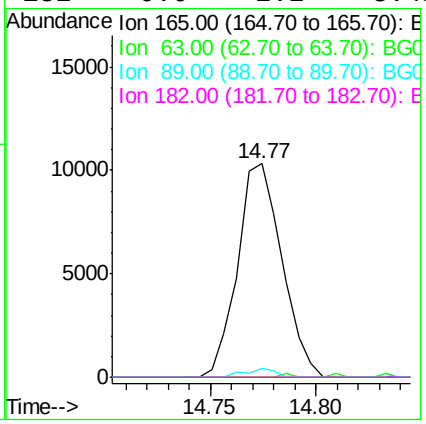


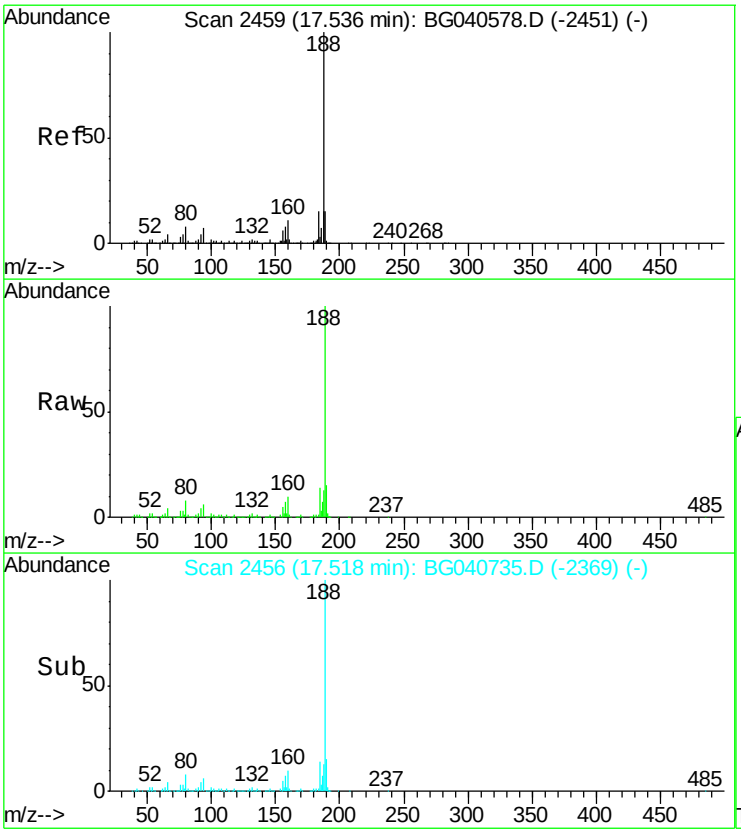
#57
2,4-Dinitrotoluene
Concen: 5.469 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:165 Resp: 15043

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	4.5	69.4	104.2#
182	0.0	2.2	3.4#

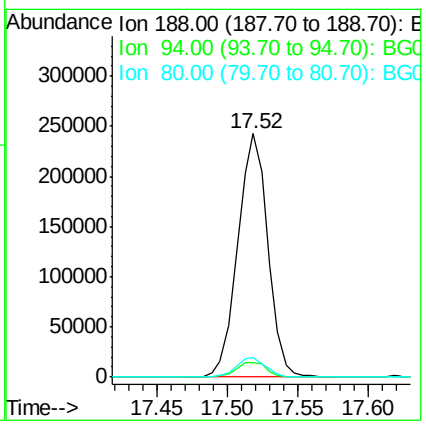


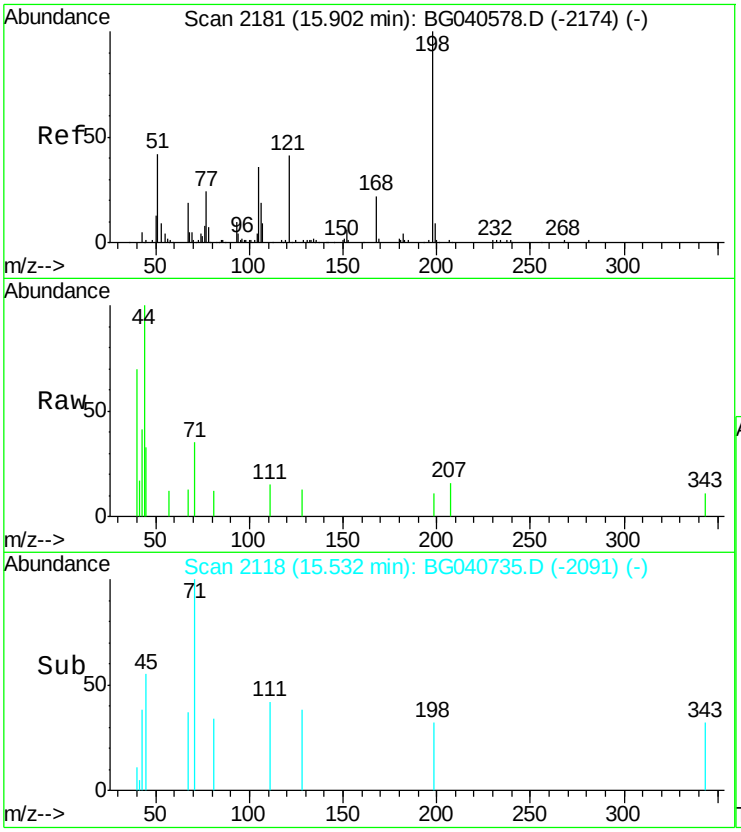


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:188 Resp: 359551

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.6	8.4
80	8.1	6.4	9.6



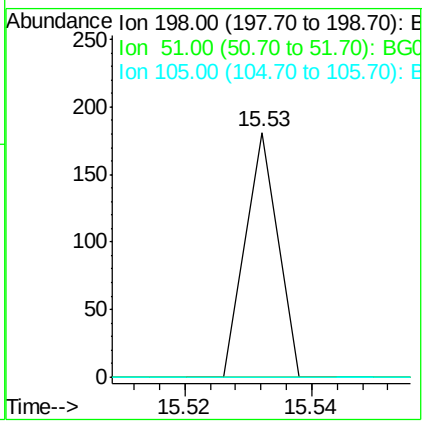


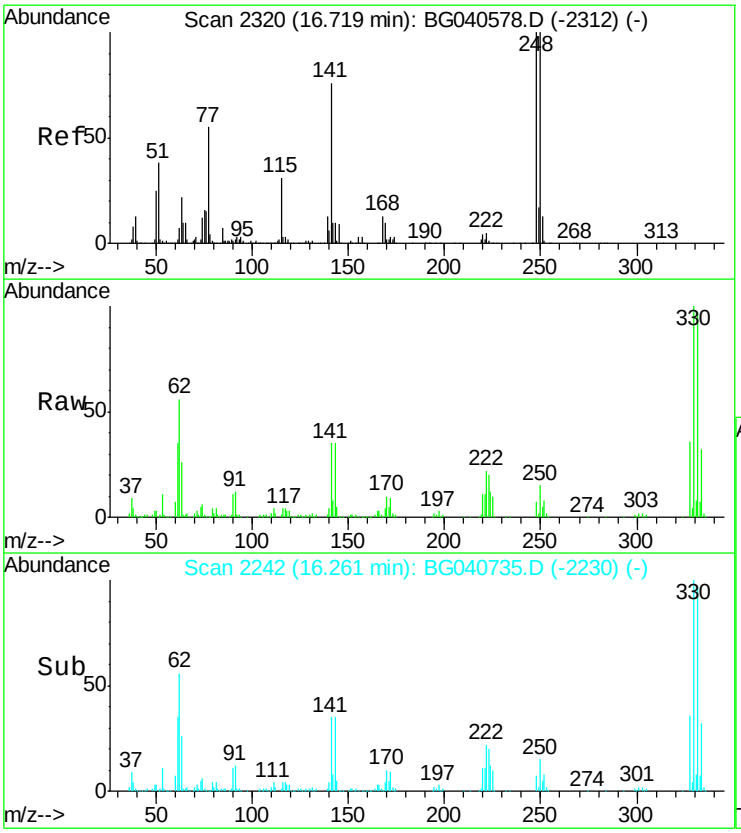
#65
4,6-Dinitro-2-methylphenol
Concen: 7.132 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.37 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:198 Resp: 64

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#

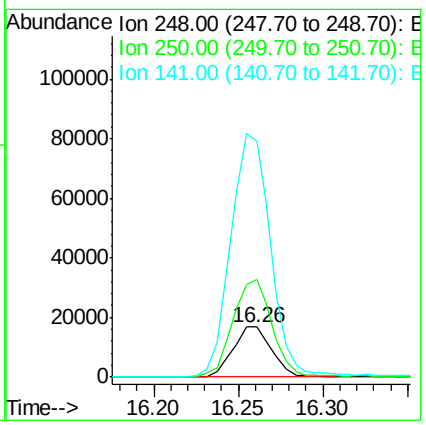


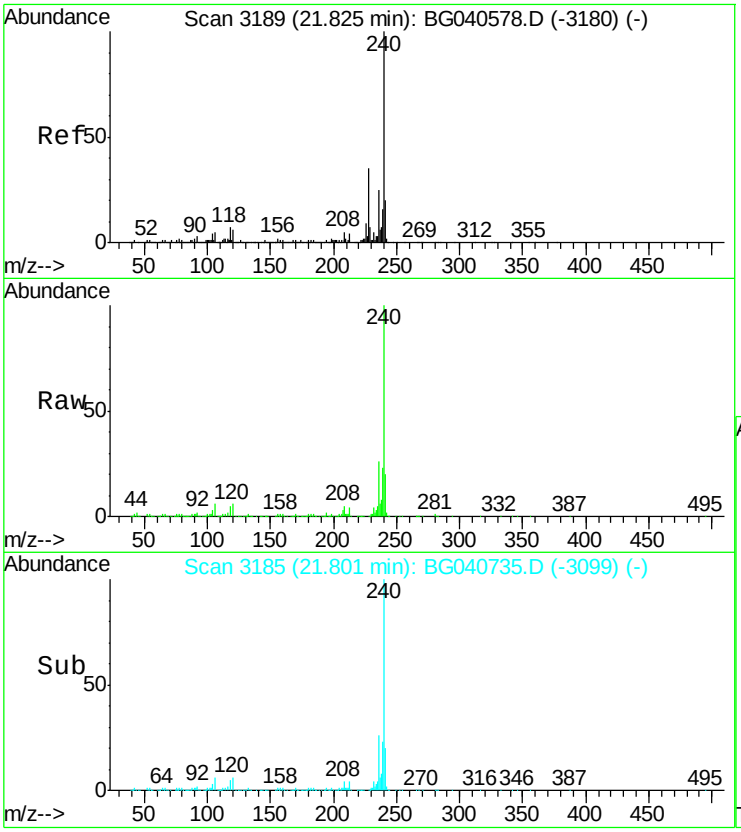


#67
4-Bromophenyl-phenylether
Concen: 6.001 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:248 Resp: 26881

Ion	Ratio	Lower	Upper
248	100		
250	255.7	79.8	119.6#
141	471.3	60.8	91.2#



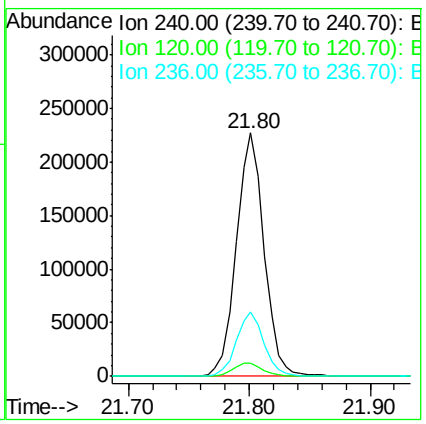


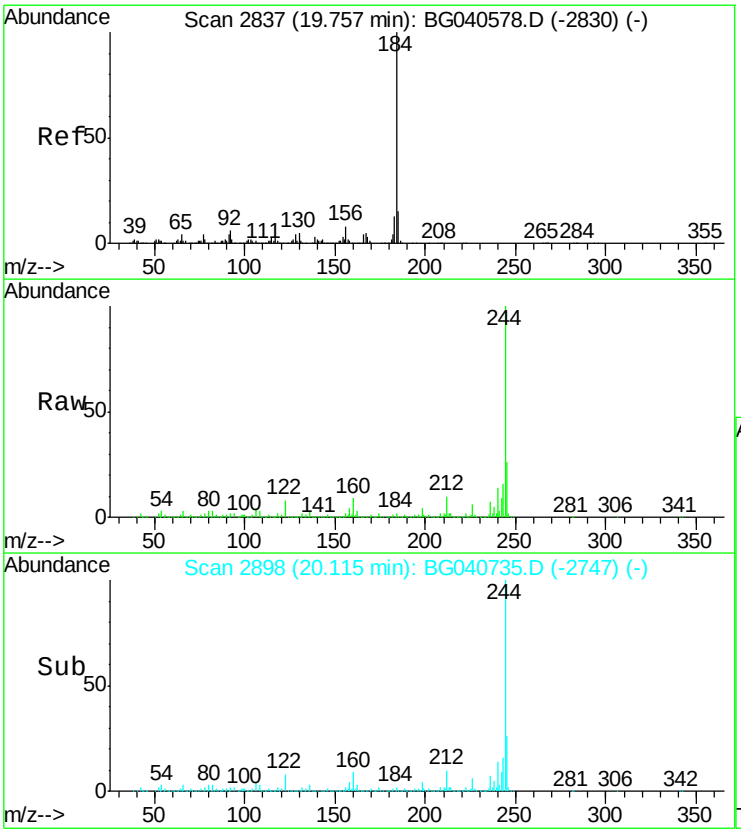
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:240 Resp: 362947

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.6
236	26.5	20.3	30.5

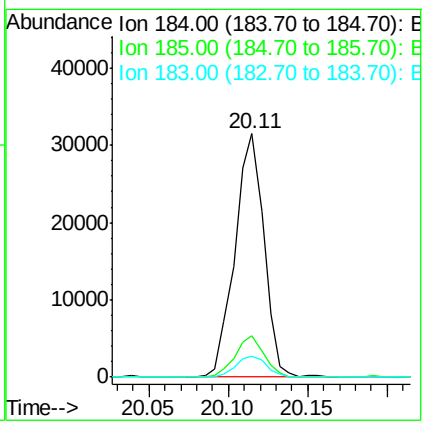


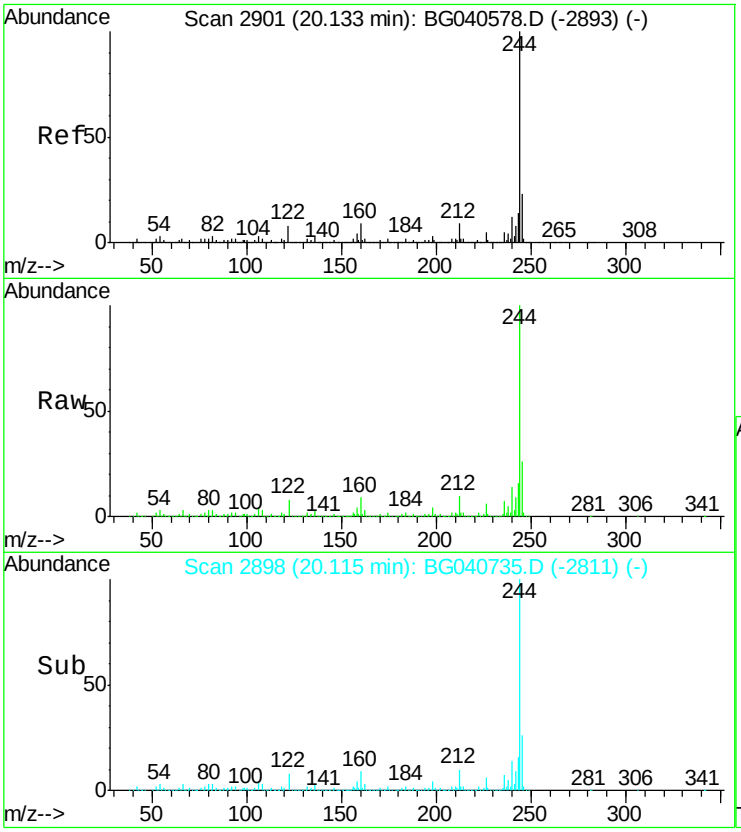


#77
Benzidine
Concen: 4.020 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:184 Resp: 39945

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.8	17.8
183	8.5	10.2	15.2#



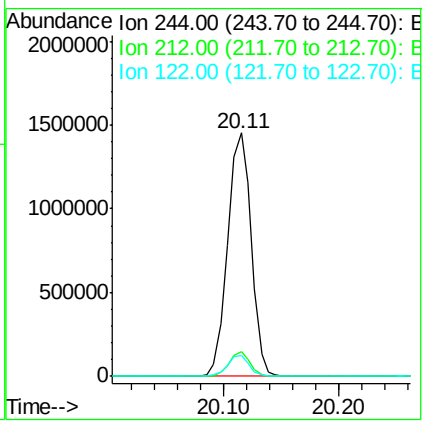


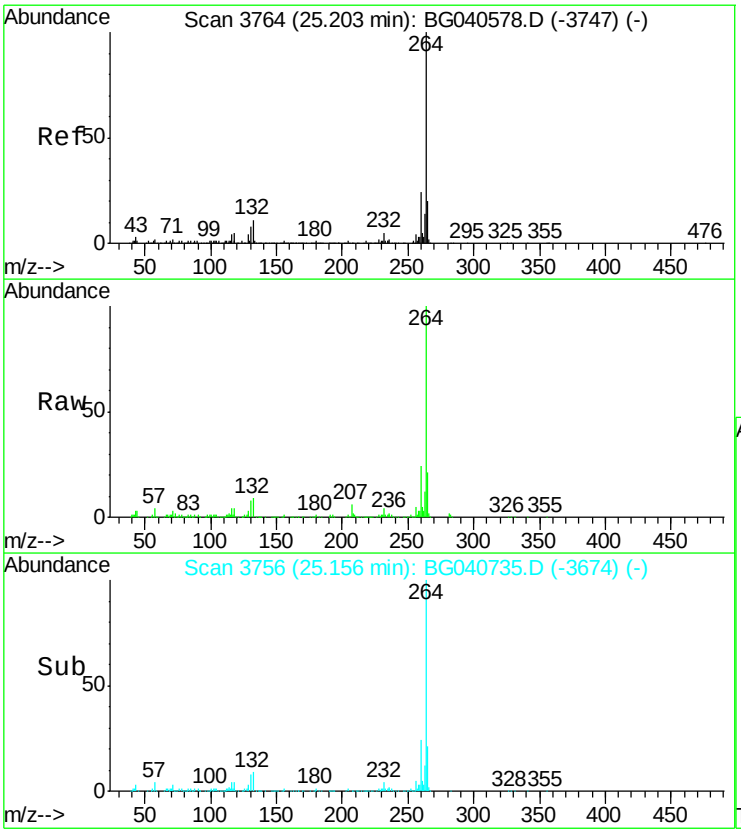
#79
Terphenyl-d14
Concen: 125.158 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.02 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Instrument :
BNA_G
ClientSampleId :
OK-02-050219

Tgt Ion:244 Resp: 2050435

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.2	10.8
122	8.5	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040735.D
Acq: 3 May 2019 21:39

Tgt Ion:264 Resp: 376217

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.6	25.0