Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
Data File : BG040295.D
Acq On : 2 Apr 2019 11:47
Operator : JU/SJ
Sample : K1692-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 02 13:45:19 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	61413	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	263626	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	180994	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	446040	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	443061	20.00	ng	-0.03
87) Perylene-d12	25.01	264	447602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	433822	117.43	ng	-0.01
7) Phenol-d6	7.21	99	564007	110.47	ng	-0.01
23) Nitrobenzene-d5	9.23	82	443806	89.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	271524	138.81	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1063052	87.03	ng	-0.02
79) Terphenyl-d14	20.04	244	1744674	88.59	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	55492	15.160	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	23761	7.471	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	23761	5.376	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	20670	4.118	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
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Acq On : 2 Apr 2019 11:47
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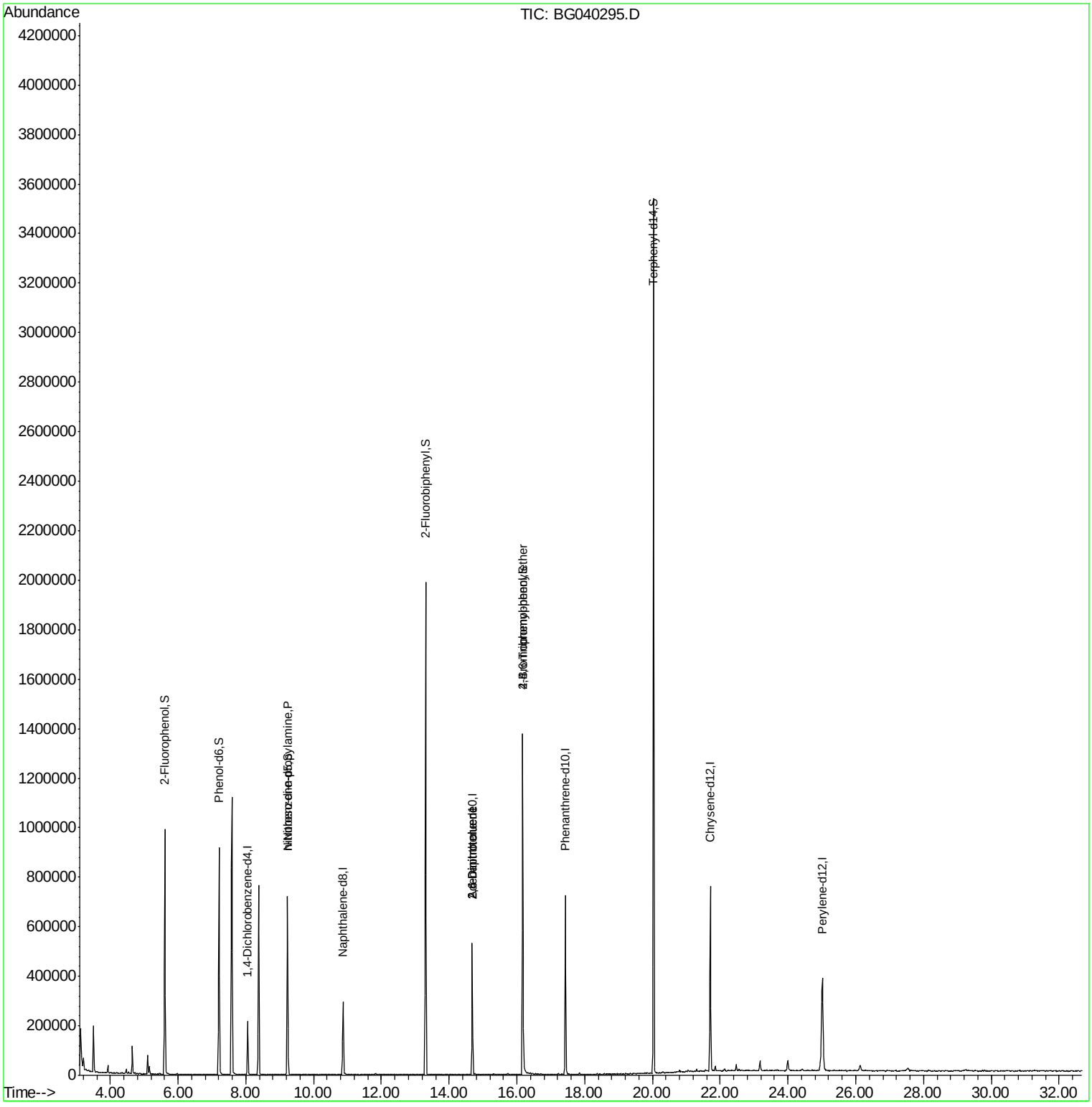
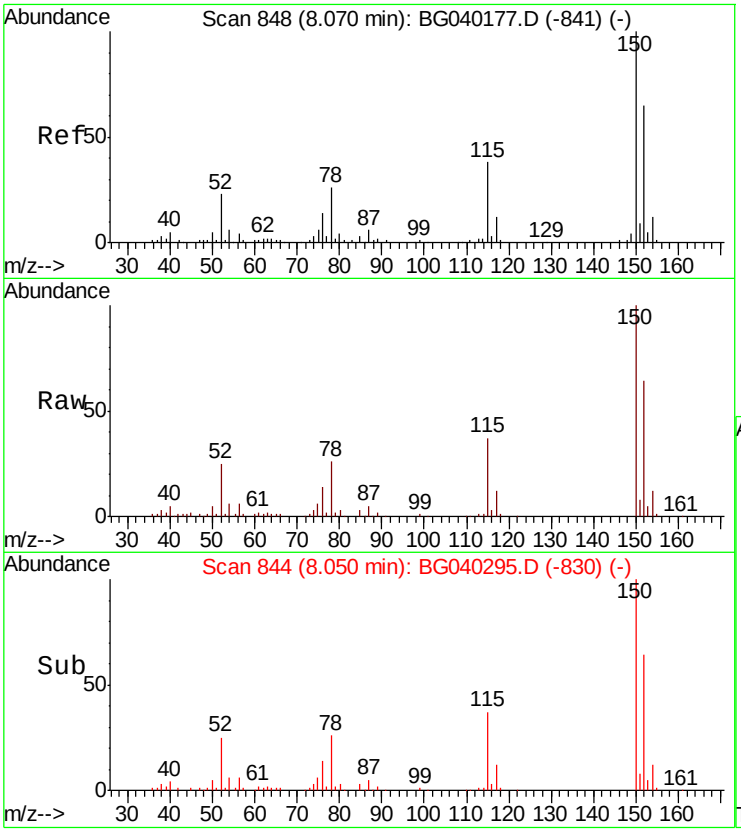


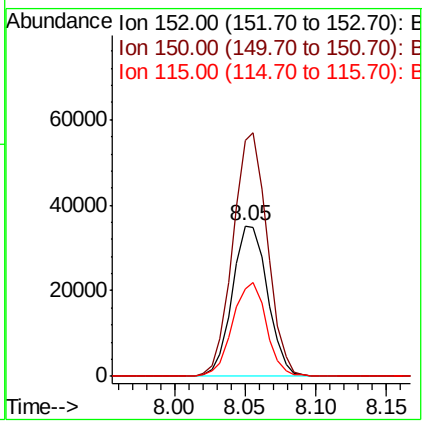


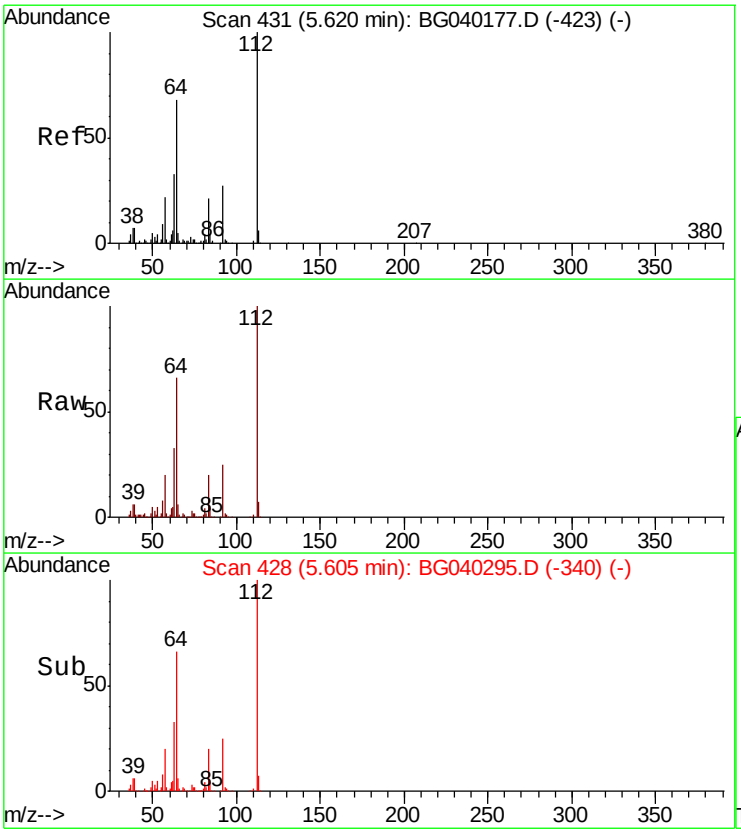
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 61413

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.7	185.5
115	58.2	46.9	70.3

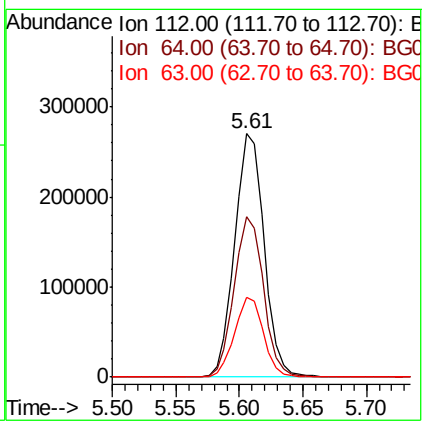


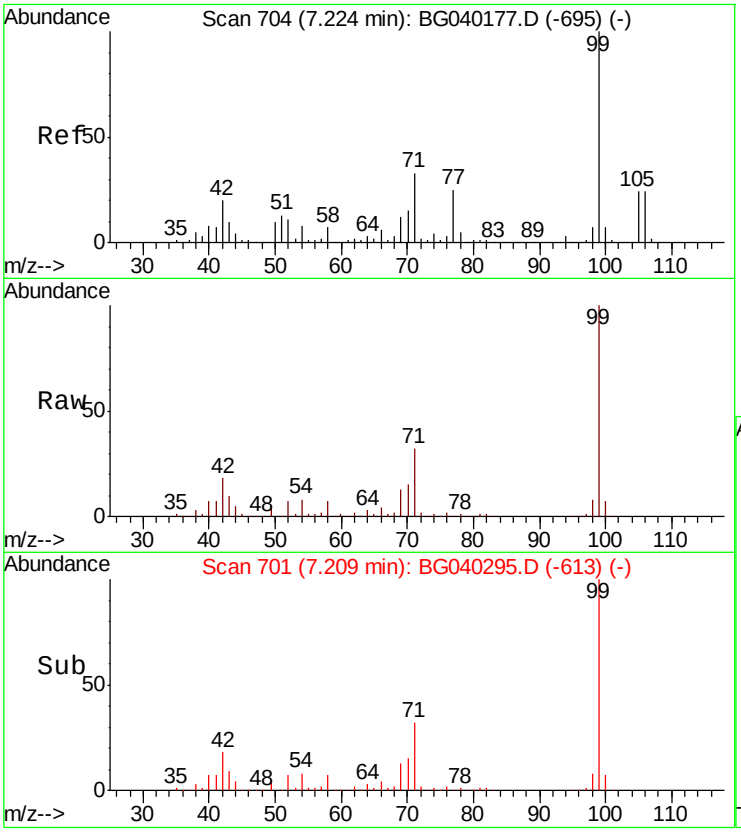


#5
2-Fluorophenol
Concen: 117.433 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:112 Resp: 433822

Ion	Ratio	Lower	Upper
112	100		
64	65.8	54.2	81.2
63	32.6	26.4	39.6



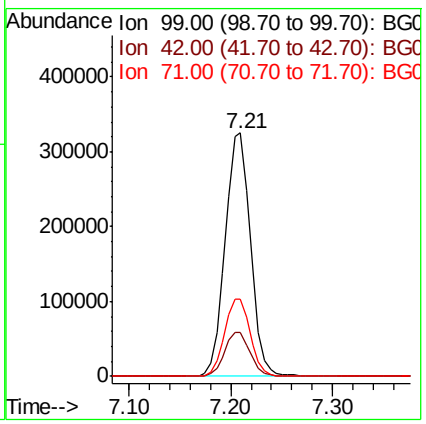


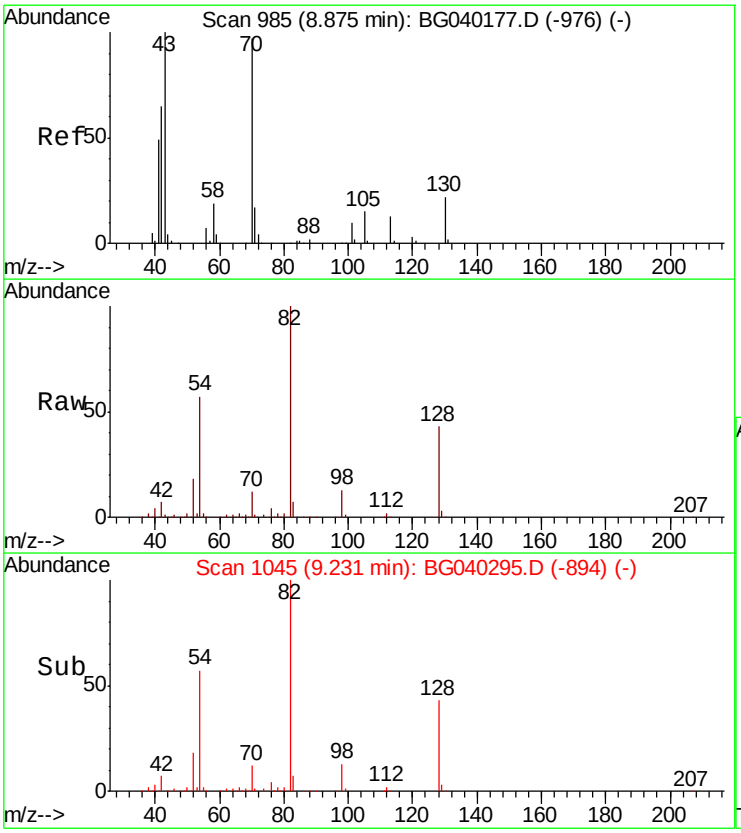
#7
Phenol-d6
Concen: 110.471 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 564007

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.2	24.2
71	31.7	26.8	40.2

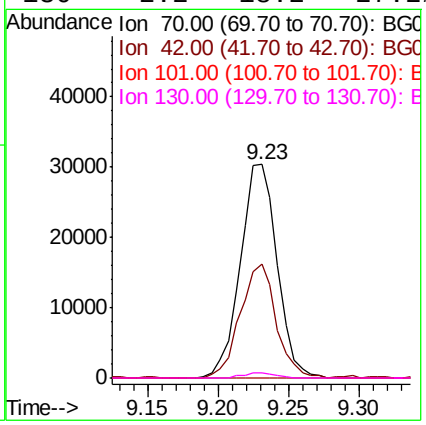


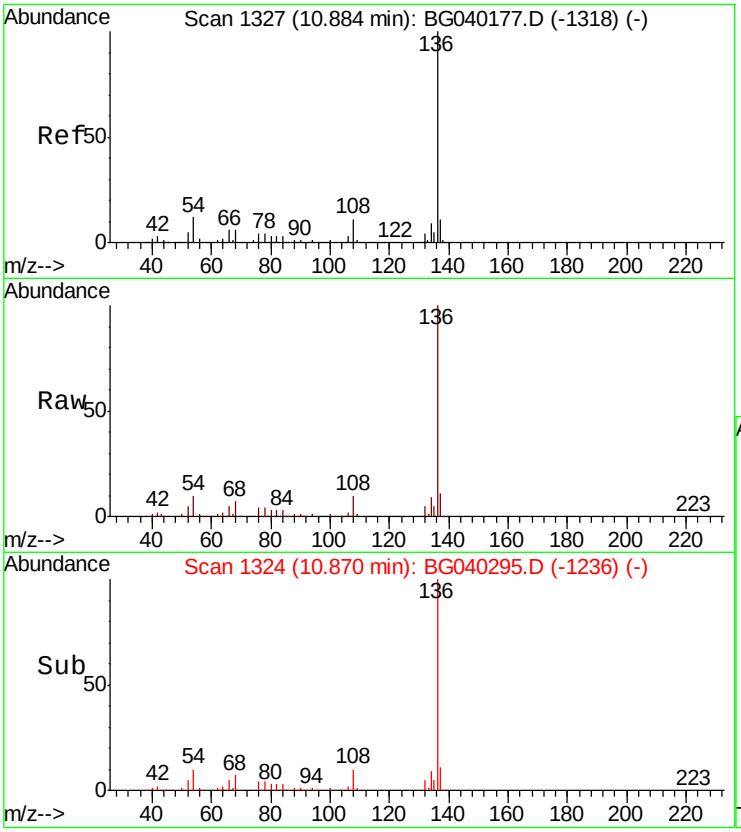


#19
n-Nitroso-di-n-propylamine
Concen: 15.160 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.36 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion: 70 Resp: 55492

Ion	Ratio	Lower	Upper
70	100		
42	53.1	54.0	81.0#
101	0.0	8.6	13.0#
130	2.2	18.2	27.2#



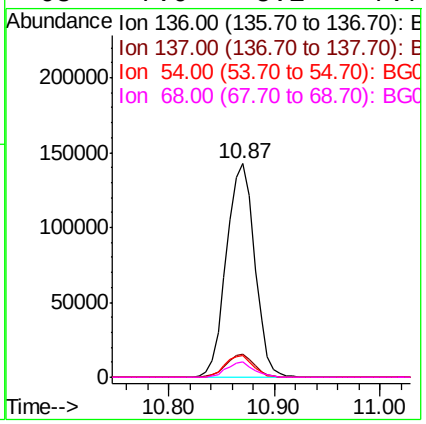


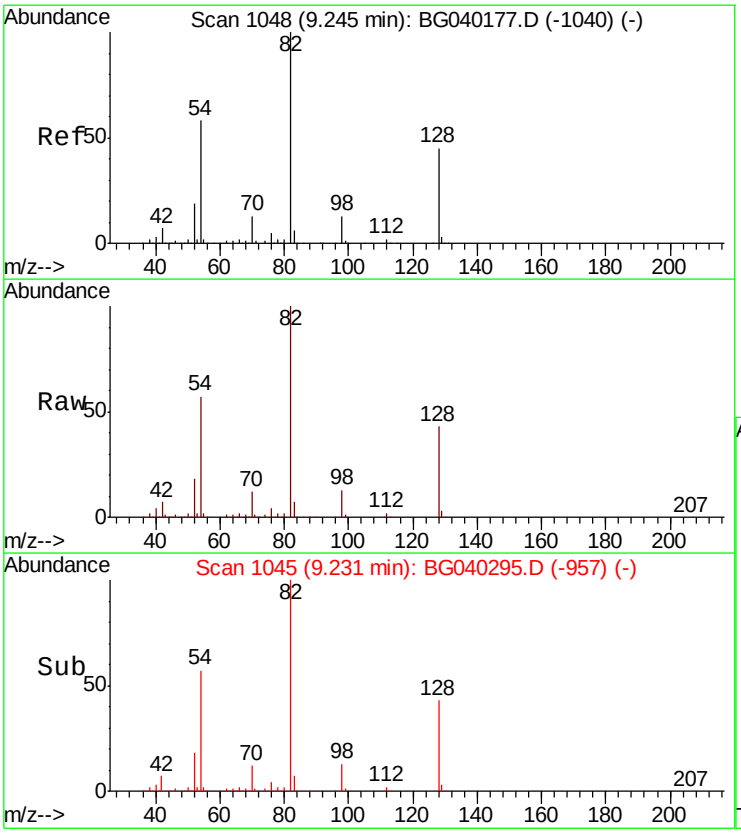
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 263626

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.1	9.6	14.4
68	7.0	5.1	7.7

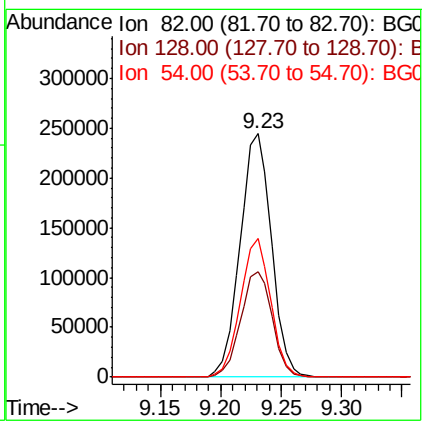


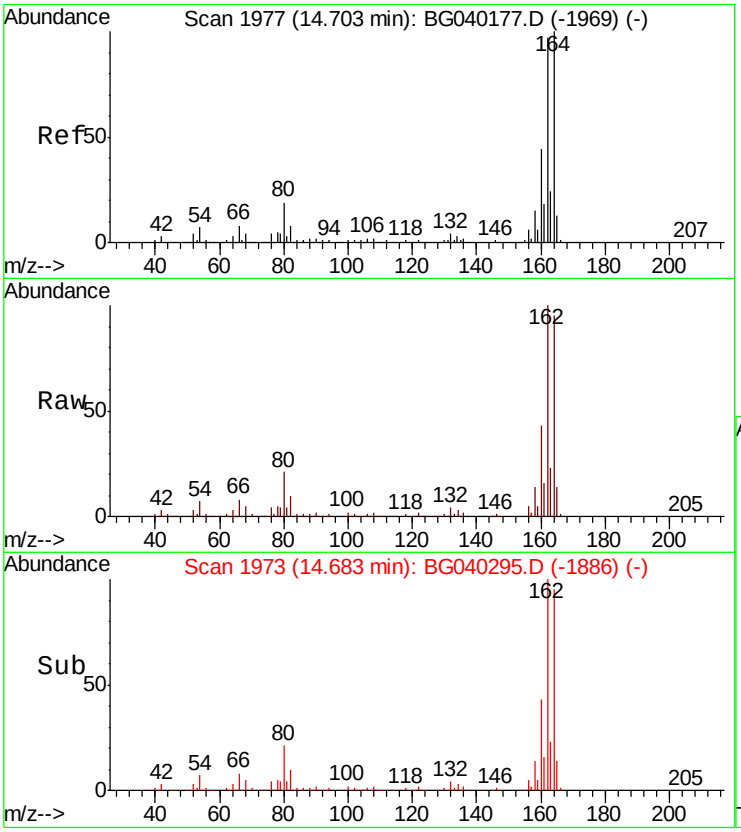


#23
Nitrobenzene-d5
Concen: 89.482 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion: 82 Resp: 443806

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.8	53.8
54	56.8	46.2	69.2



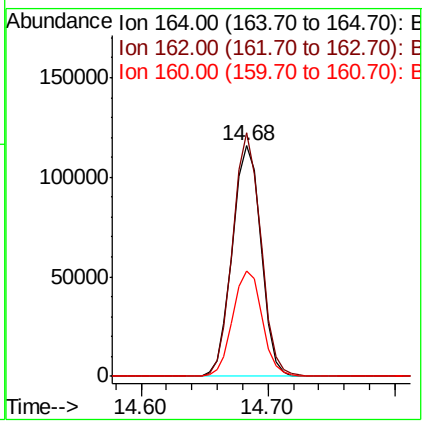


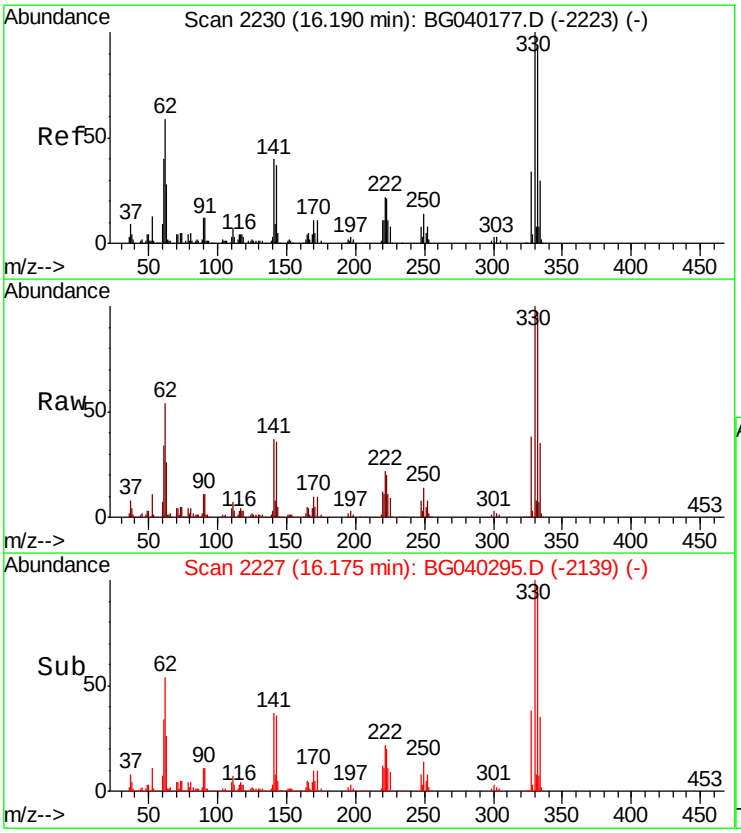
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 180994

Ion	Ratio	Lower	Upper
164	100		
162	105.6	77.4	116.2
160	45.7	35.3	52.9

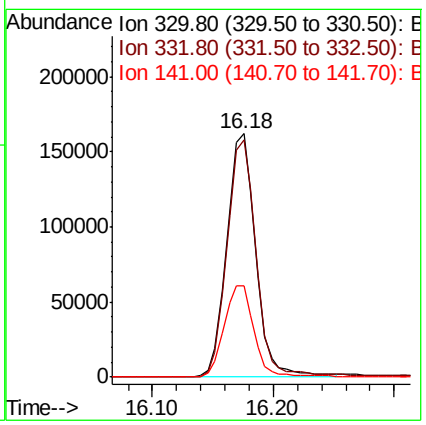


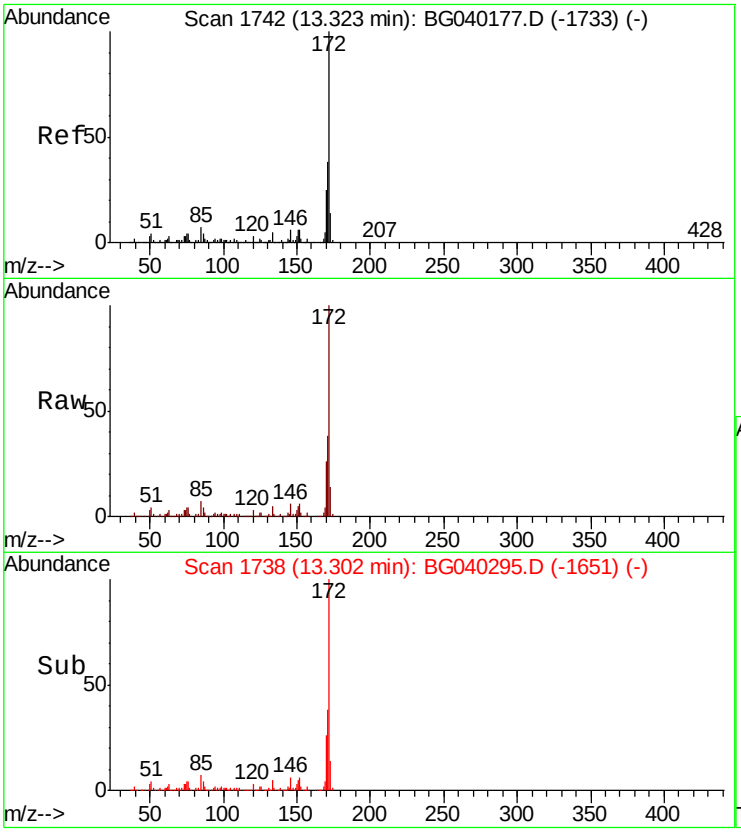


#42
2,4,6-Tribromophenol
Concen: 138.811 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:330 Resp: 271524

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	115.0
141	38.2	32.6	48.8



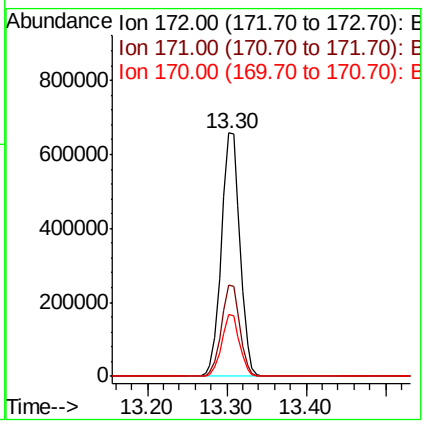


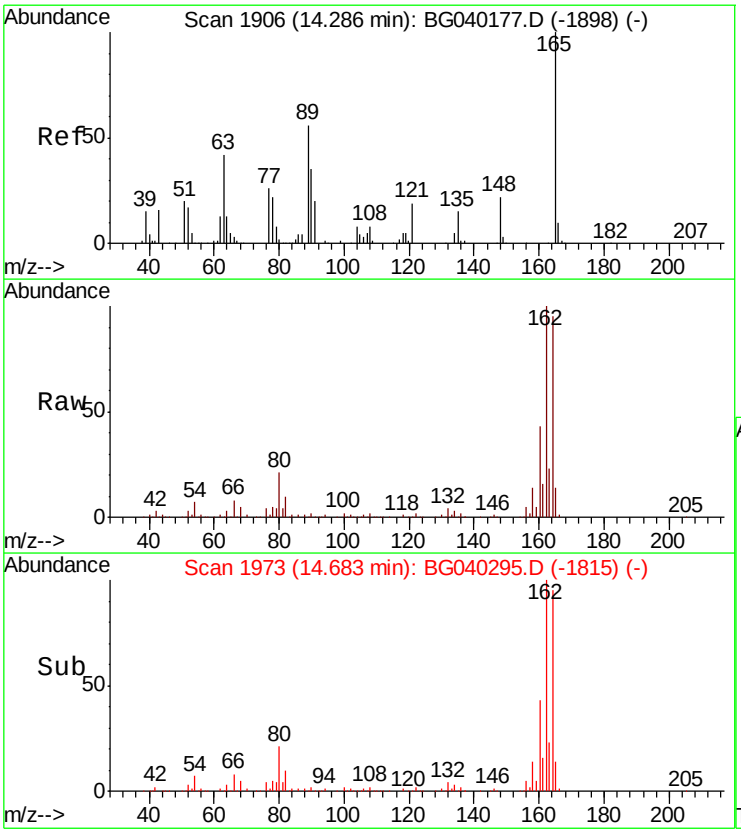
#45
2-Fluorobiphenyl
Concen: 87.030 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1063052

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.6	20.1	30.1

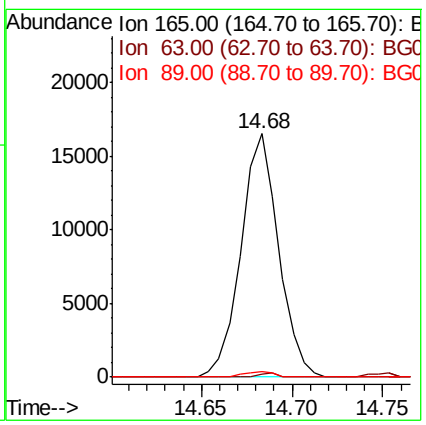


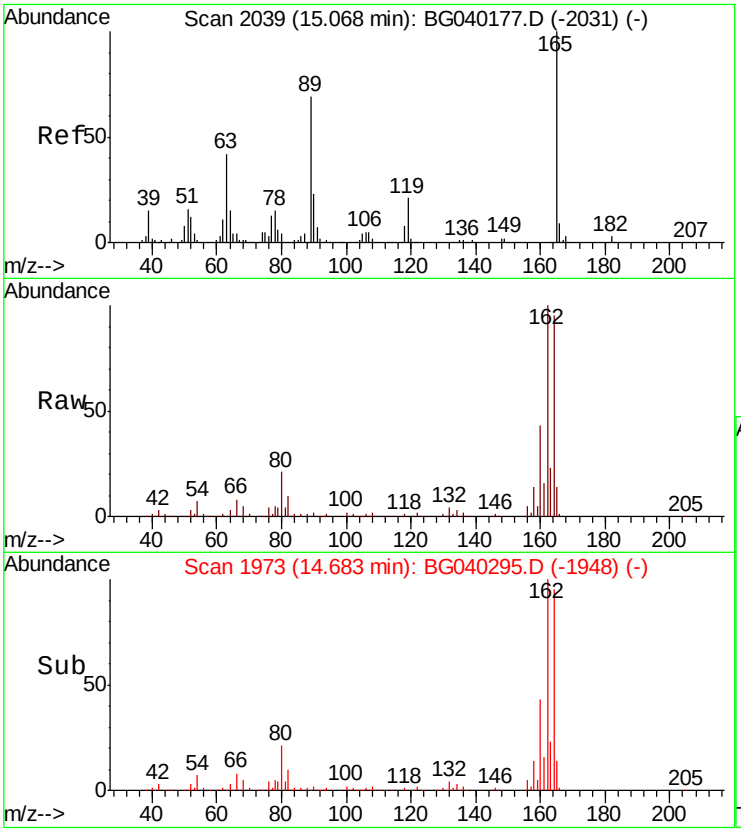


#51
2,6-Dinitrotoluene
Concen: 7.471 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:165 Resp: 23761

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.1	66.1#
89	2.4	44.9	67.3#



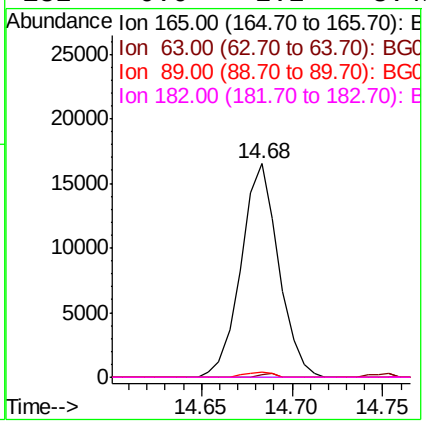


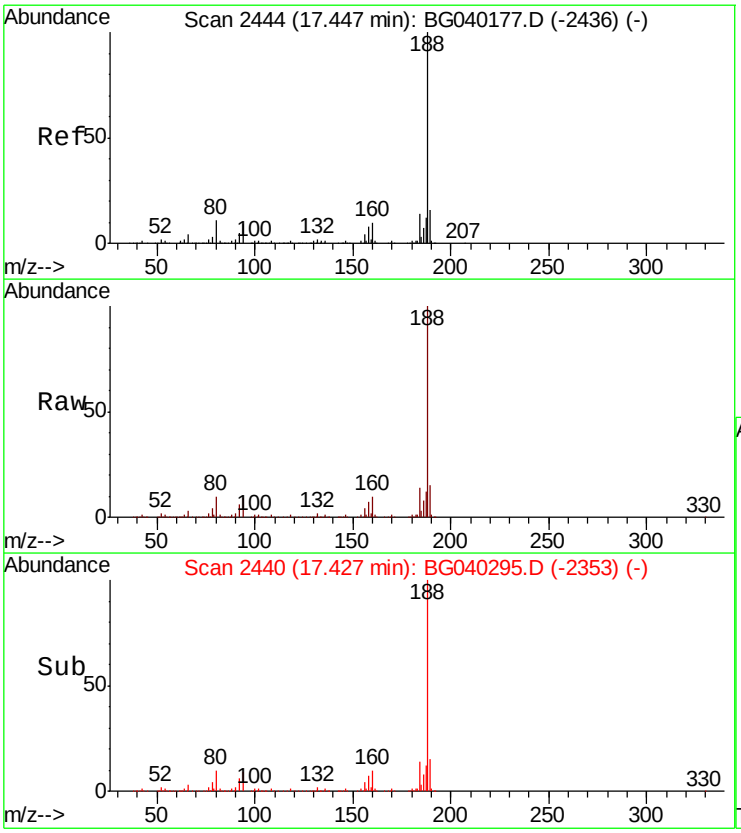
#57
2,4-Dinitrotoluene
Concen: 5.376 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.38 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23761

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.6#
89	2.4	55.4	83.2#
182	0.0	2.2	3.4#

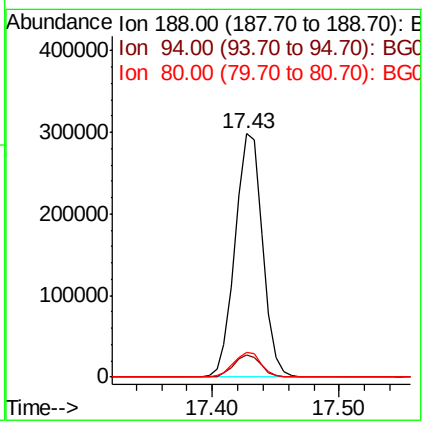


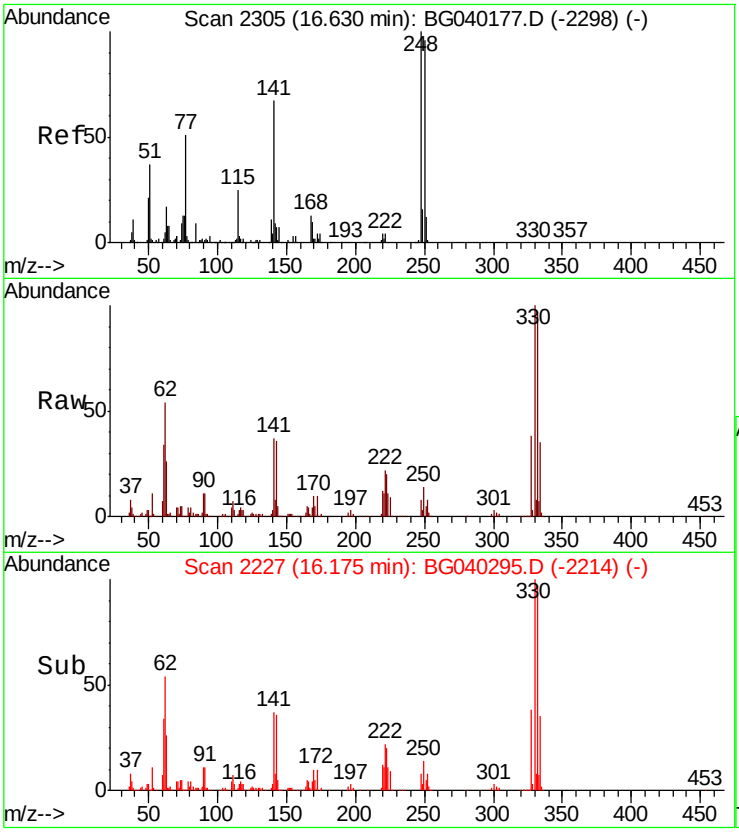


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:188 Resp: 446040

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.2	8.6	13.0



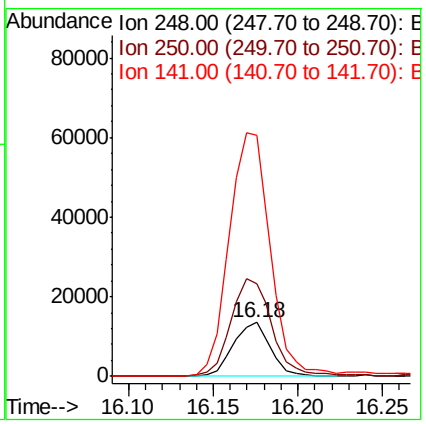


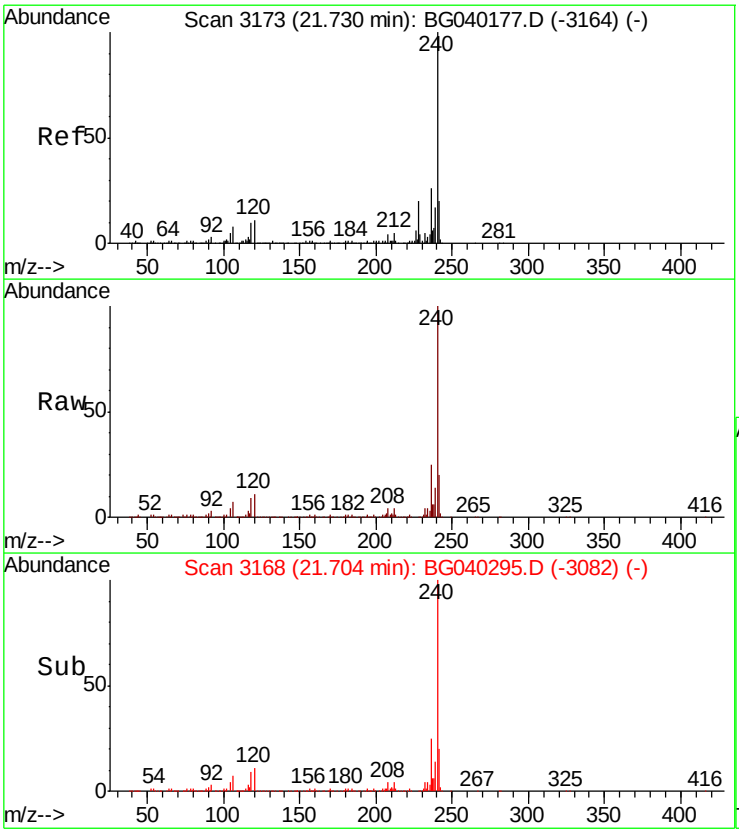
#67
4-Bromophenyl-phenylether
Concen: 4.118 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20670

Ion	Ratio	Lower	Upper
248	100		
250	129.8	76.4	114.6#
141	336.9	53.8	80.8#

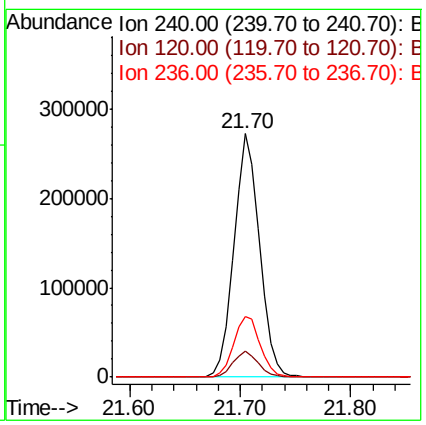


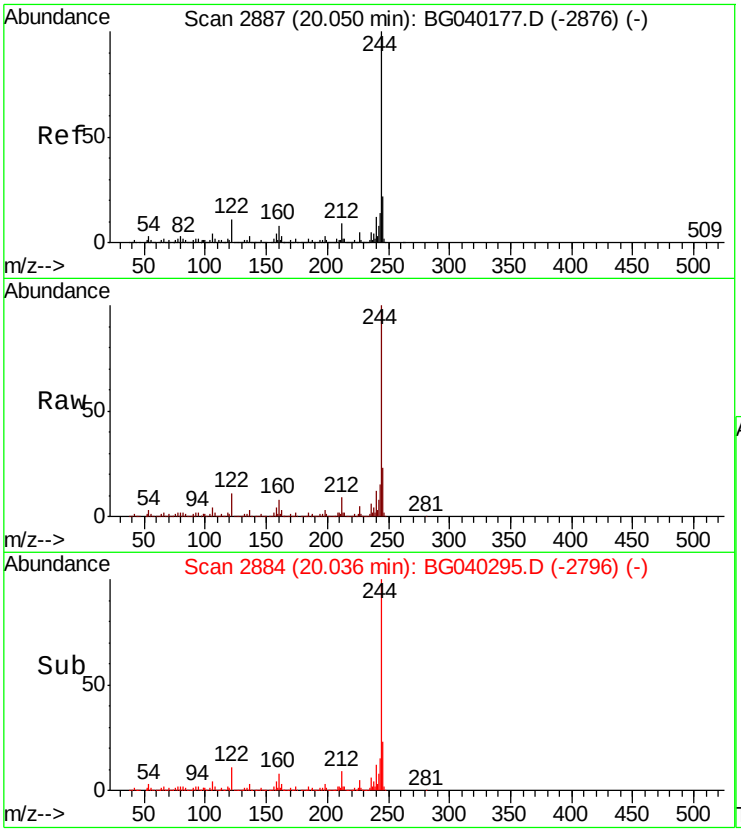


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:240 Resp: 443061

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	25.1	20.8	31.2



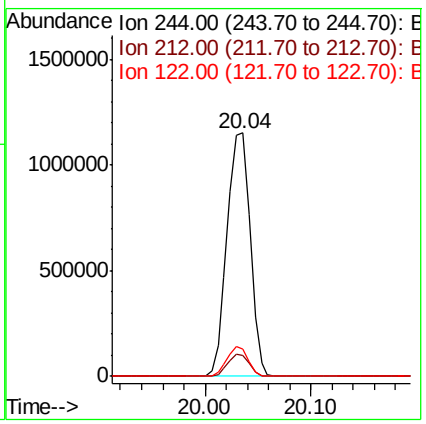


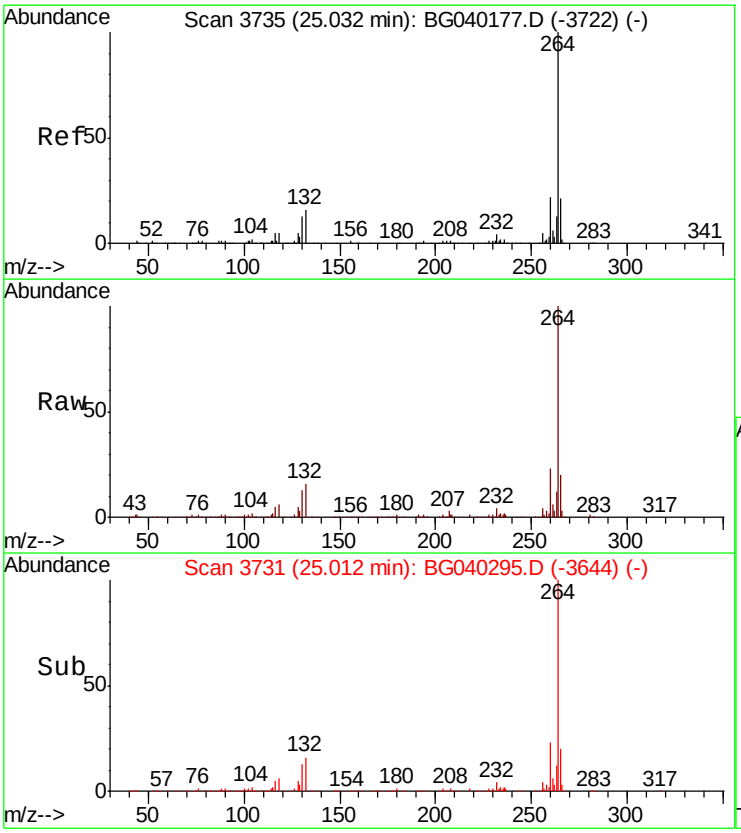
#79
Terphenyl-d14
Concen: 88.586 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1744674

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: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040295.D
Acq: 2 Apr 2019 11:47

Tgt Ion:264 Resp: 447602

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	20.0	16.8	25.2