Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041756.D
Acq On : 23 Jul 2019 14:22
Operator : HP/JU
Sample : K3934-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 02:19:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99485	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	387529	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	263901	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	590914	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	635616	20.00	ng	-0.02
87) Perylene-d12	24.83	264	746720	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	487370	80.09	ng	0.00
7) Phenol-d6	7.19	99	657746	80.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	392746	61.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	310000	104.23	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	850771	49.92	ng	-0.01
79) Terphenyl-d14	20.00	244	1404299	51.63	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	1866	Below Cal	#	3
26) 2-Nitrophenol	9.97	139	526	4.802	ng	# 1
32) Benzoic acid	10.07	122	539	6.124	ng	99
50) Dimethylphthalate	14.10	163	141223	6.814	ng	97
54) 2,4-Dinitrophenol	15.06	184	57	7.752	ng	# 1
57) 2,4-Dinitrotoluene	14.66	165	36389	6.262	ng	# 31
65) 4,6-Dinitro-2-methylphenol	15.69	198	55	6.691	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	23425	3.332	ng	# 1
77) Benzidine	20.00	184	20801	Below Cal	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
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Acq On : 23 Jul 2019 14:22
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
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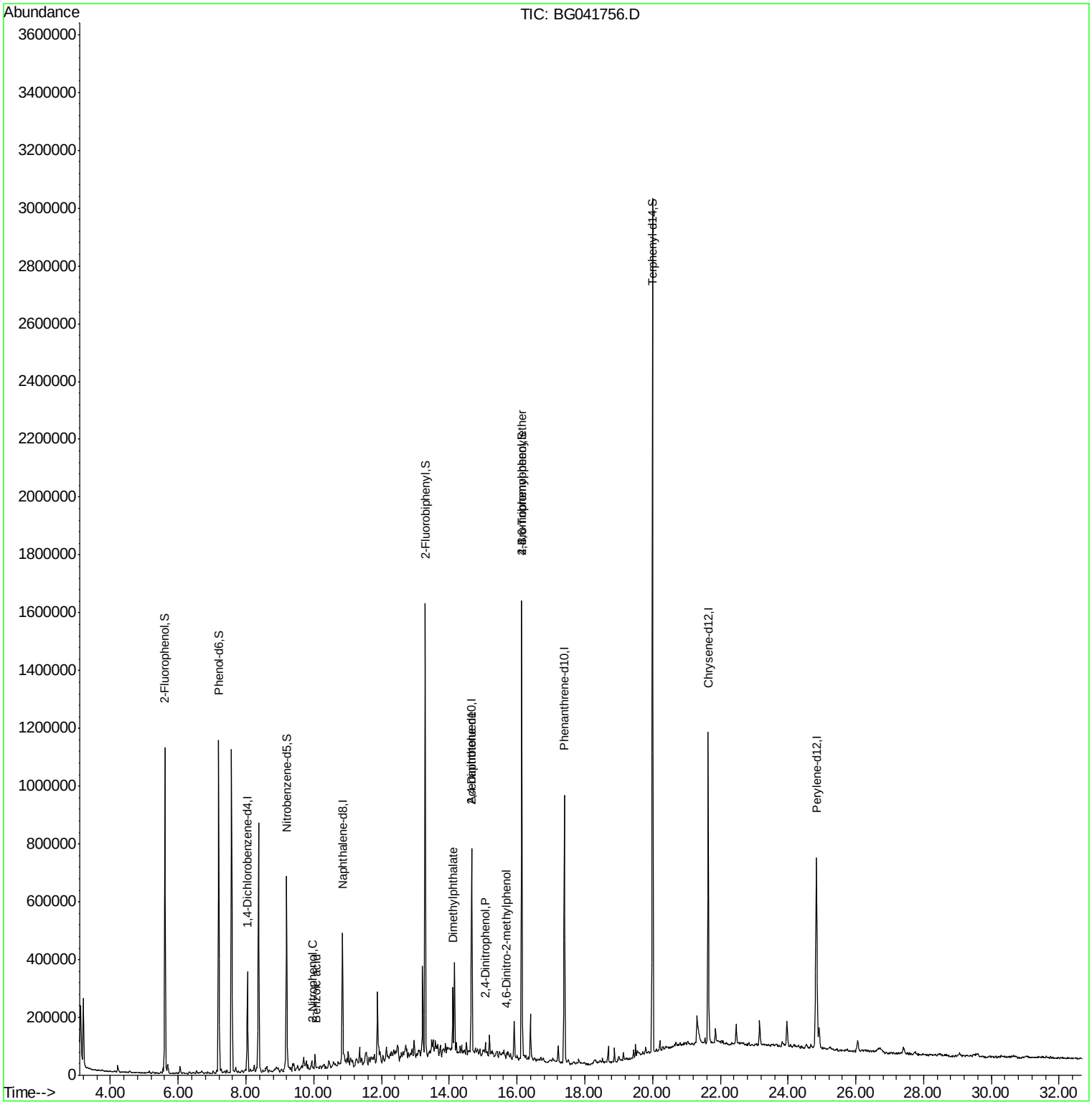
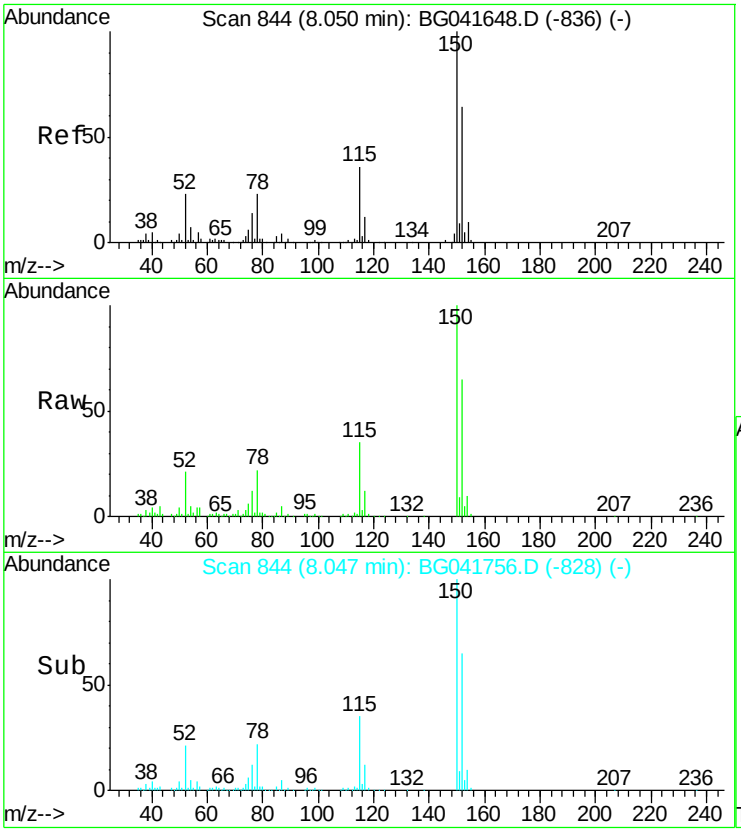


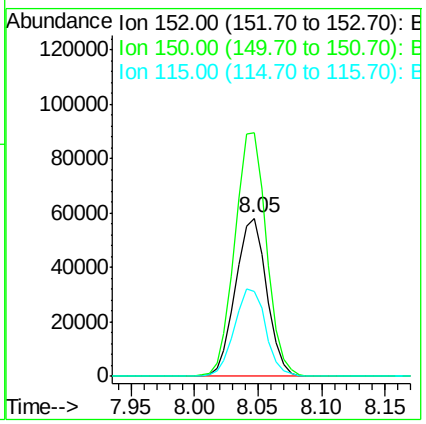


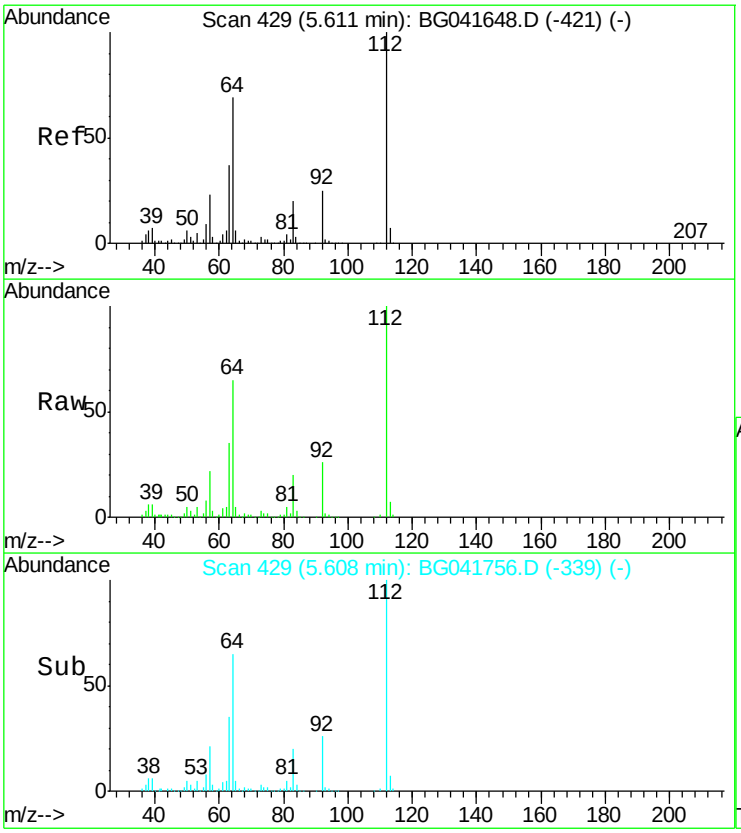
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 99485

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	53.7	45.0	67.6

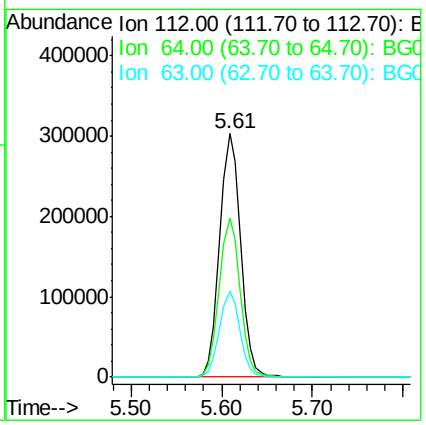


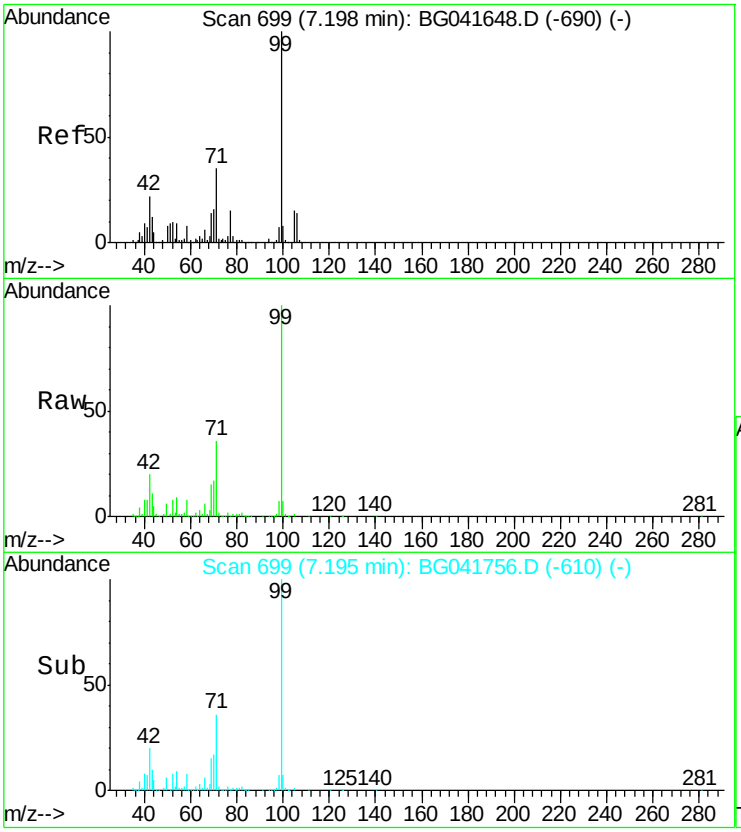


#5
2-Fluorophenol
Concen: 80.085 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:112 Resp: 487370

Ion	Ratio	Lower	Upper
112	100		
64	65.4	55.4	83.2
63	35.4	29.1	43.7



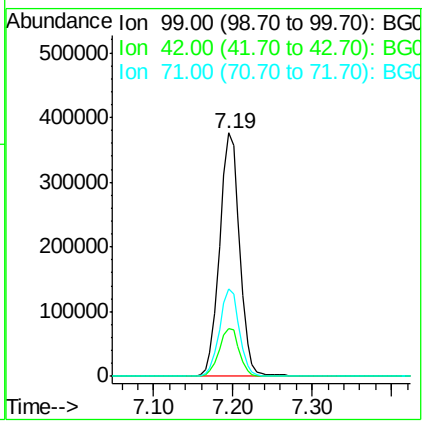


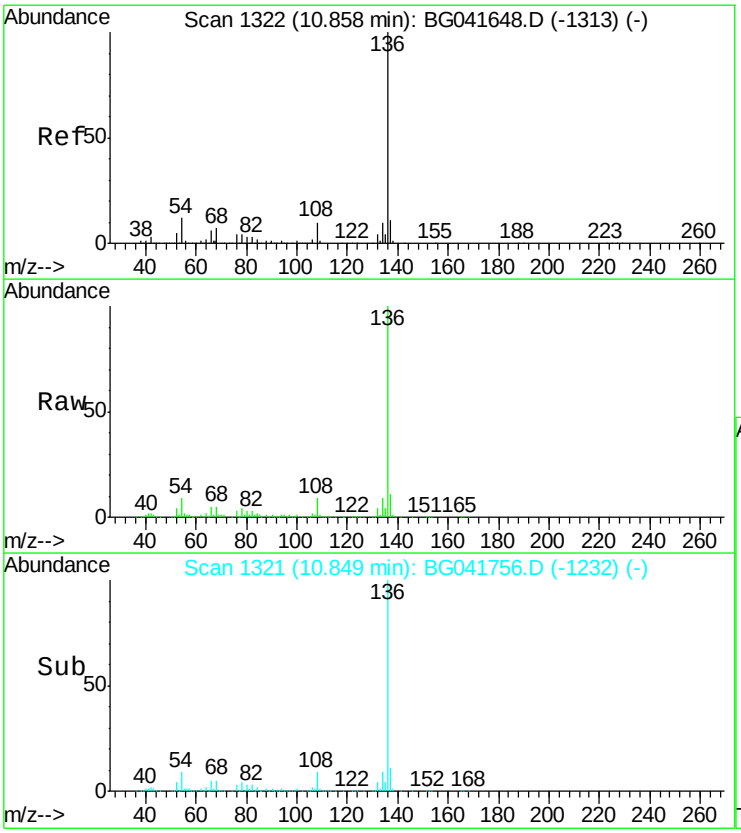
#7
Phenol-d6
Concen: 80.355 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 657746

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.6	26.4
71	36.1	27.8	41.6

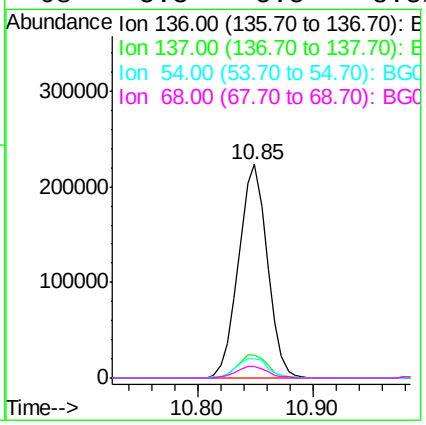


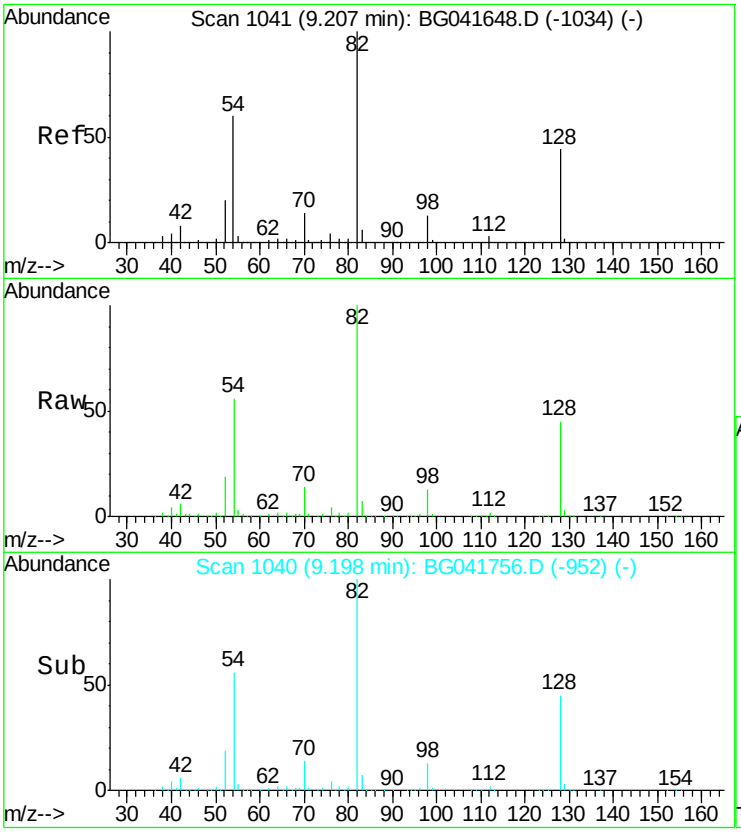


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:136 Resp: 387529

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.2	8.7	13.1
68	5.3	5.5	8.3#



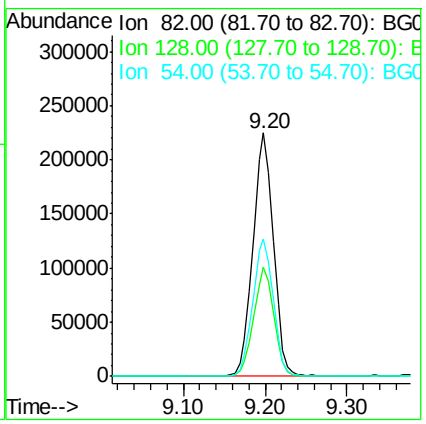


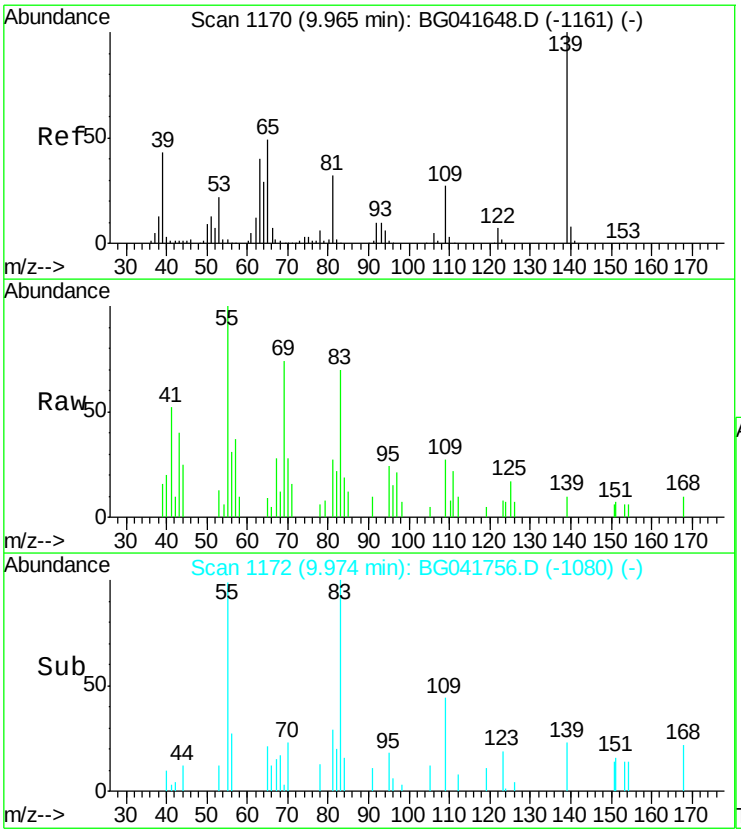
#23
Nitrobenzene-d5
Concen: 61.634 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 392746

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	56.3	48.7	73.1

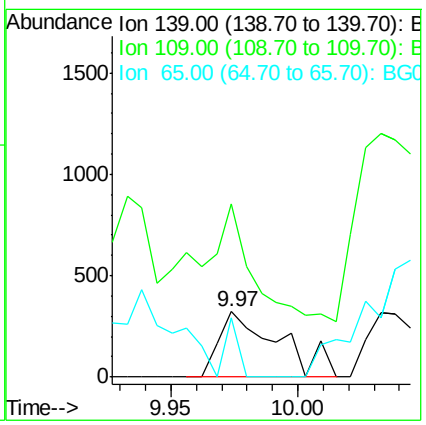


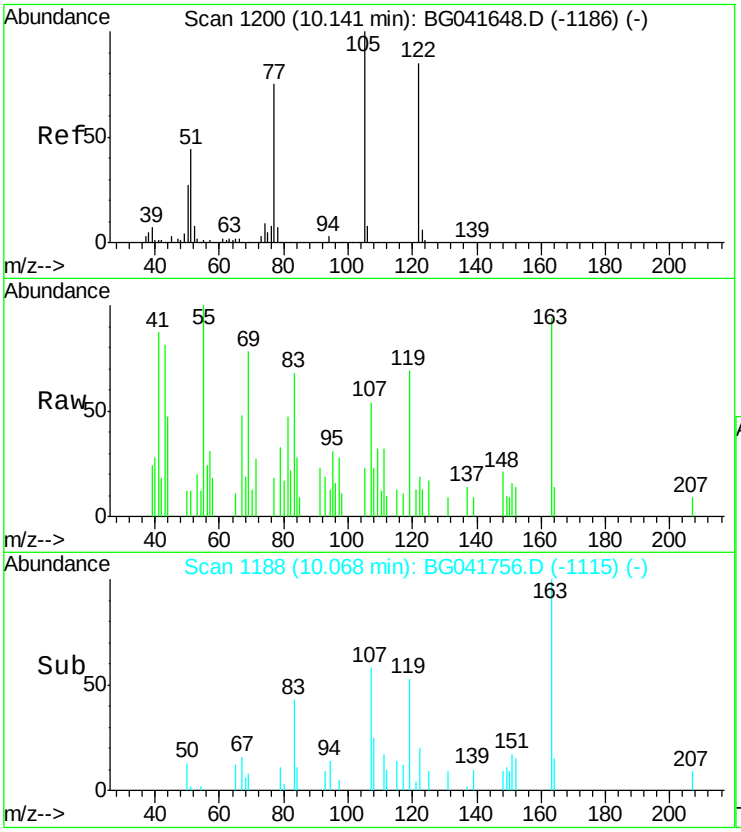


#26
2-Nitrophenol
Concen: 4.802 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:139 Resp: 526

Ion	Ratio	Lower	Upper
139	100		
109	265.8	22.7	34.1#
65	90.7	41.1	61.7#



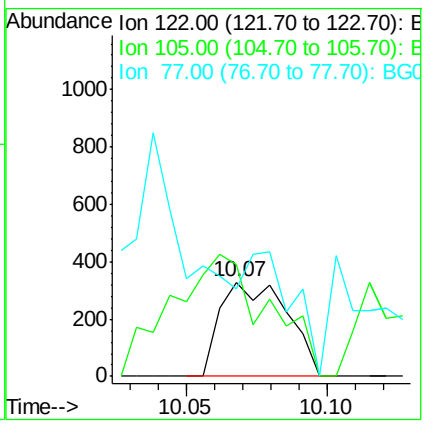


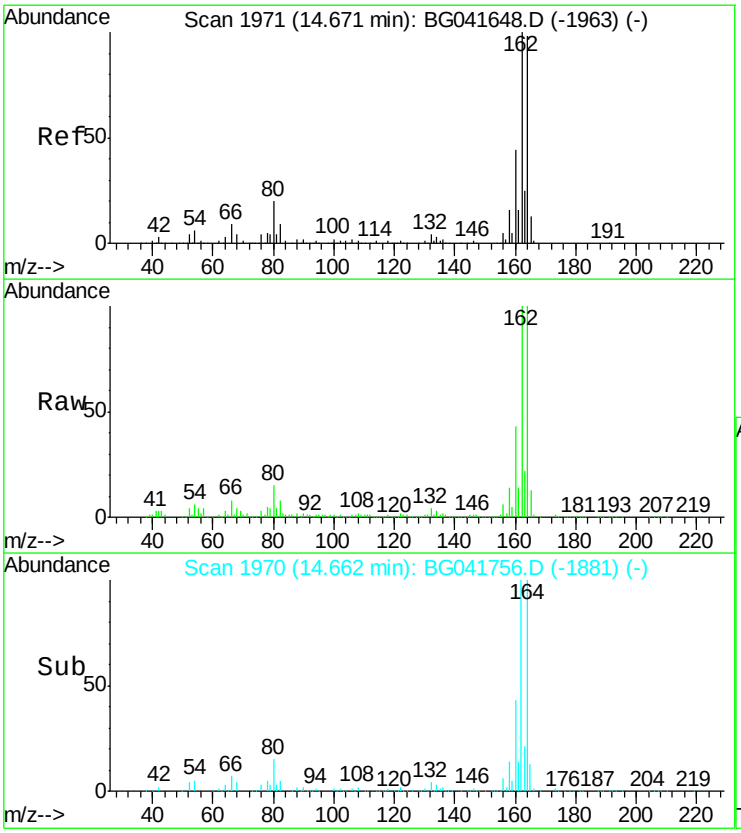
#32
Benzoic acid
Concen: 6.124 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.10 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 539

Ion	Ratio	Lower	Upper
122	100		
105	118.8	101.5	141.5
77	93.0	73.0	113.0

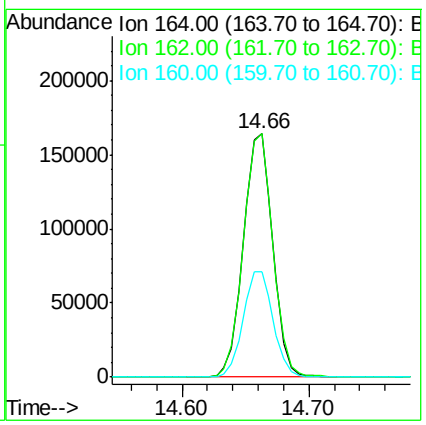


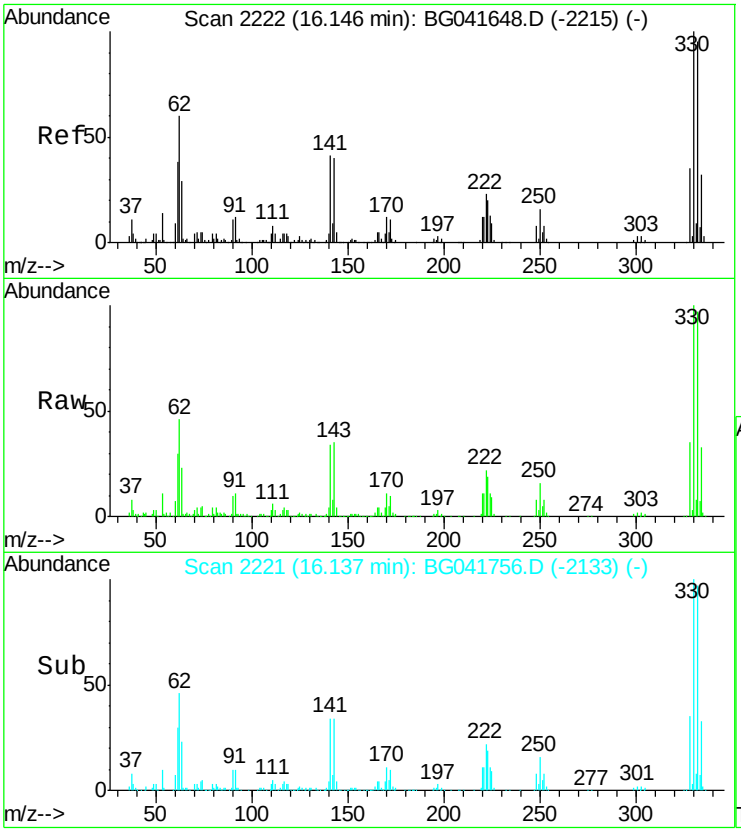


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:164 Resp: 263901

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	43.4	35.4	53.0



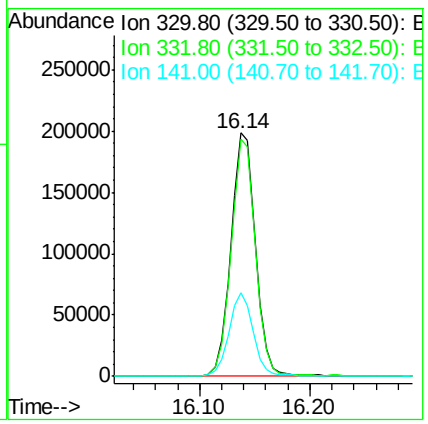


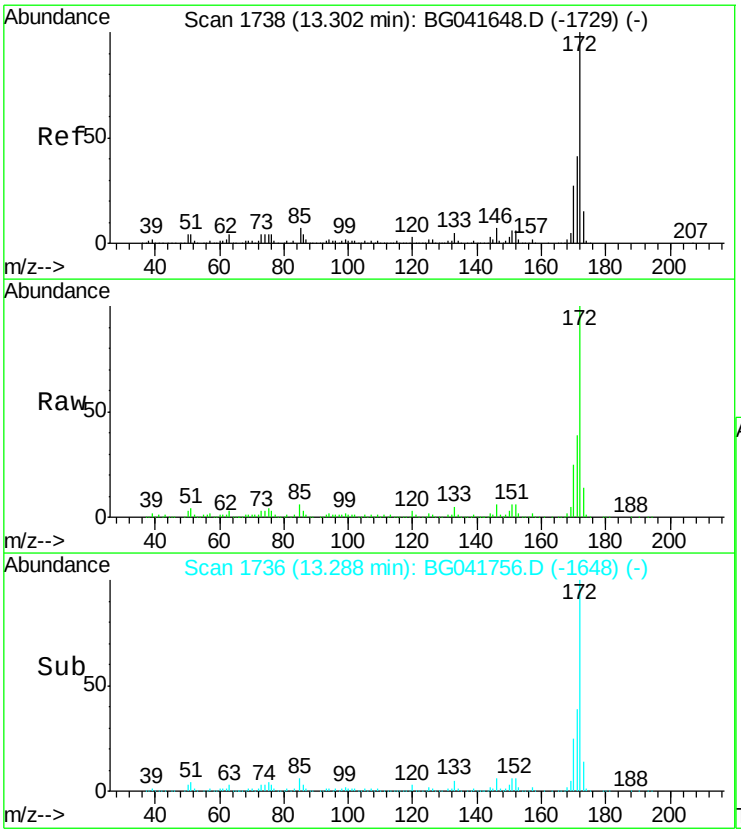
#42
2,4,6-Tribromophenol
Concen: 104.232 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 310000

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	33.4	31.9	47.9

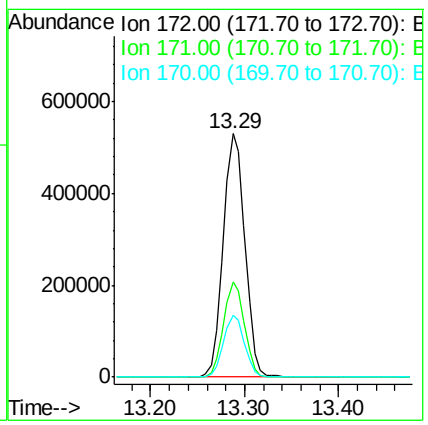


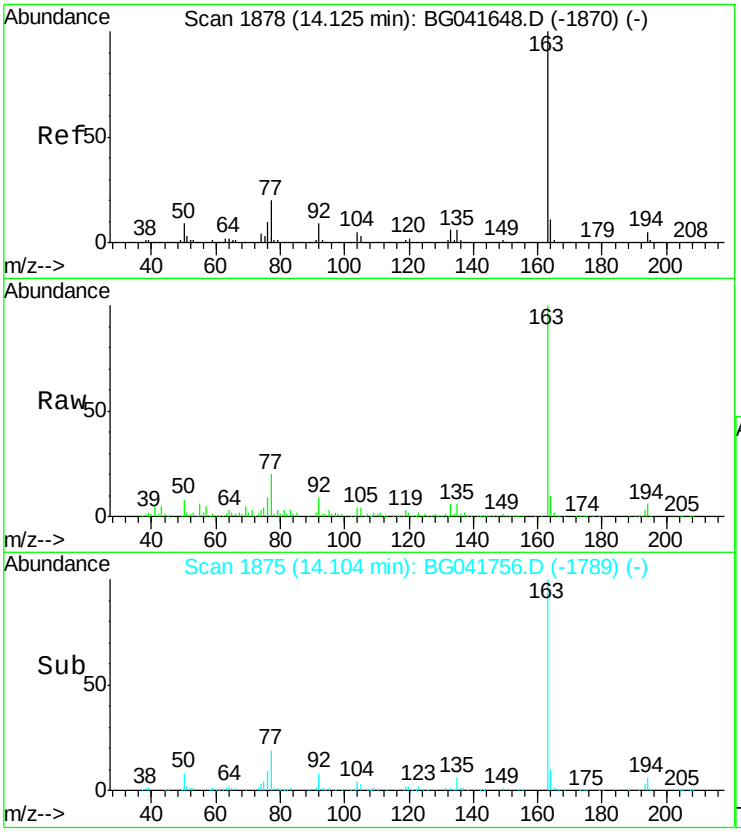


#45
2-Fluorobiphenyl
Concen: 49.921 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:172 Resp: 850771

Ion	Ratio	Lower	Upper
172	100		
171	38.8	35.0	52.4
170	25.4	23.5	35.3



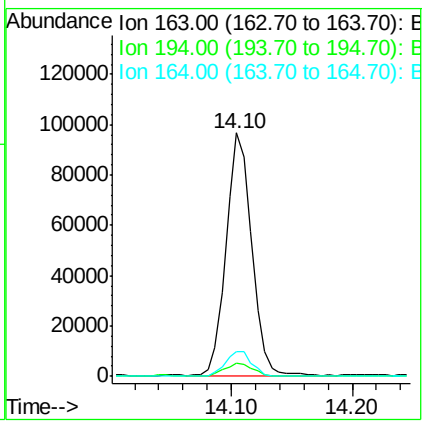


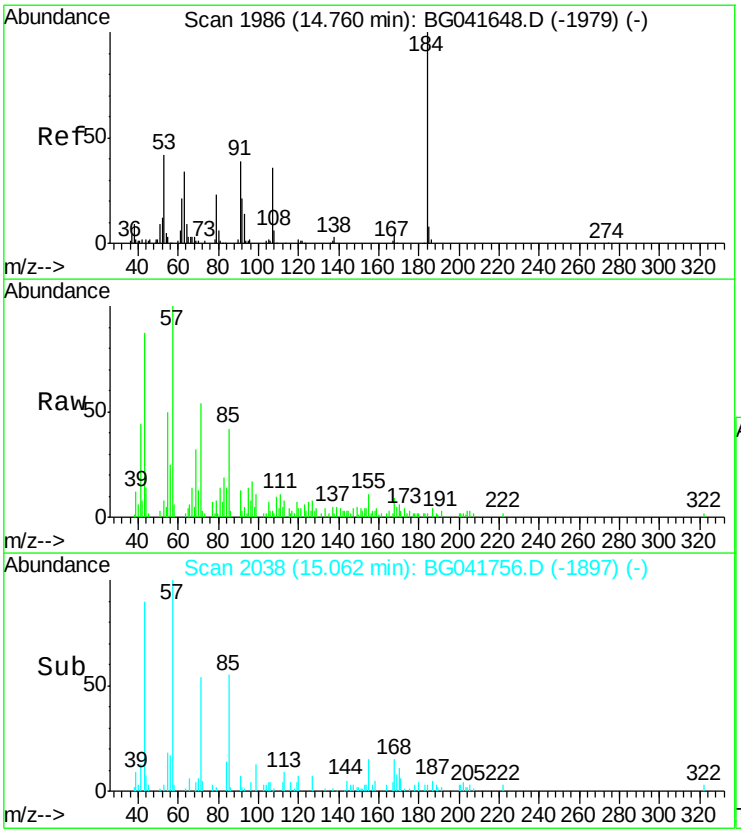
#50
Dimethylphthalate
Concen: 6.814 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.03 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 141223

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.2	6.2
164	10.4	9.4	14.2

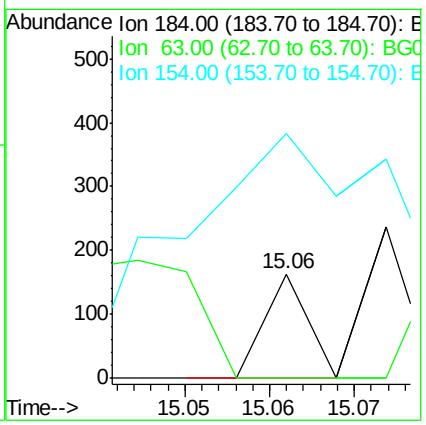


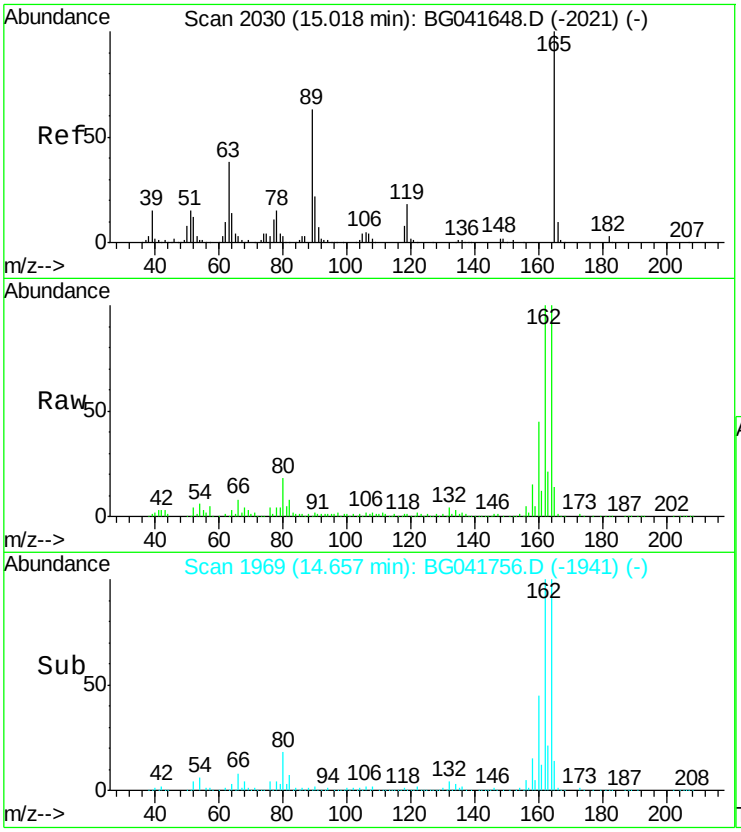


#54
2,4-Dinitrophenol
Concen: 7.752 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.30 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.2	64.8#
154	236.4	51.4	77.2#



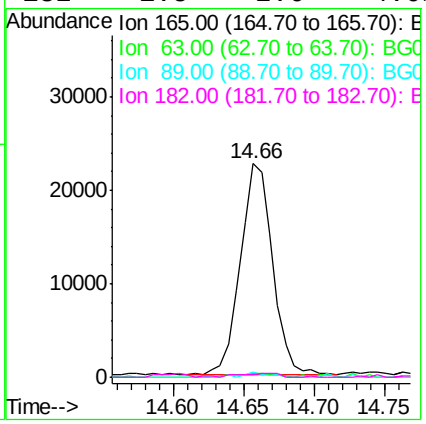


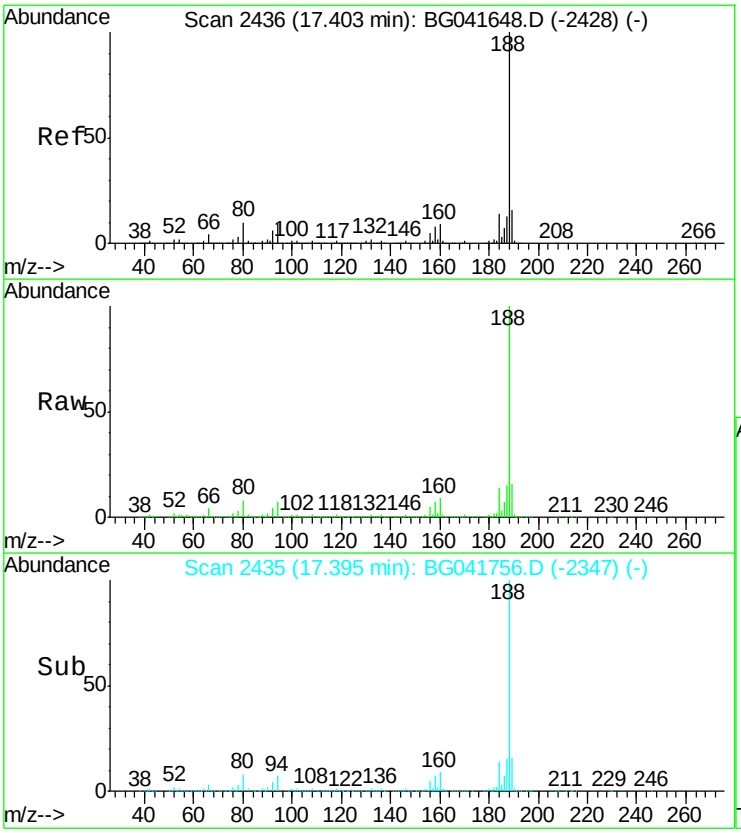
#57
2,4-Dinitrotoluene
Concen: 6.262 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36389

Ion	Ratio	Lower	Upper
165	100		
63	1.9	31.7	47.5#
89	2.5	50.2	75.4#
182	1.5	2.6	4.0#

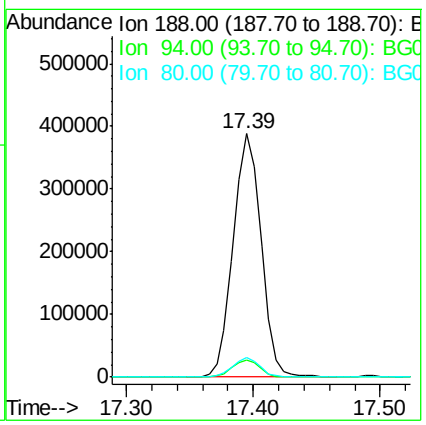


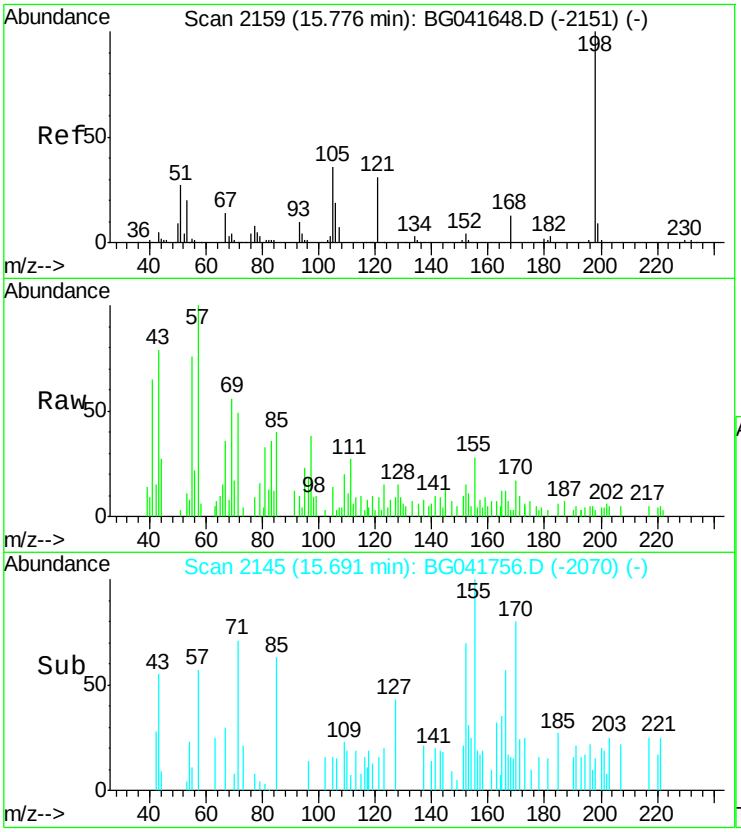


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:188 Resp: 590914

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.1	8.0	12.0



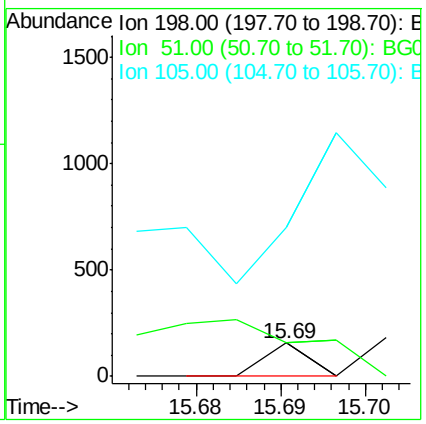


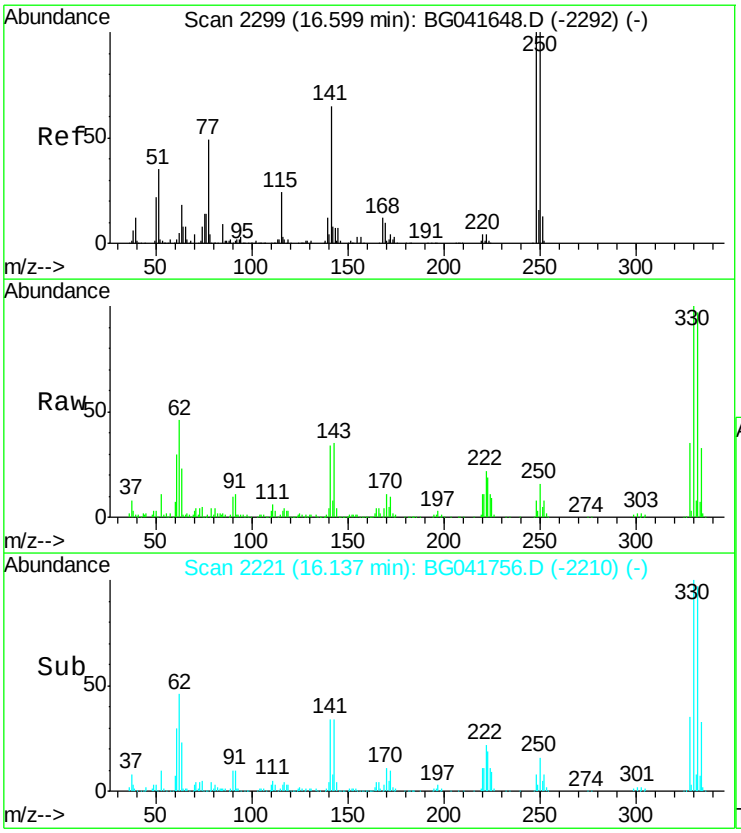
#65
4,6-Dinitro-2-methylphenol
Concen: 6.691 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.09 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 55

Ion	Ratio	Lower	Upper
198	100		
51	101.3	22.3	62.3#
105	448.7	18.0	58.0#

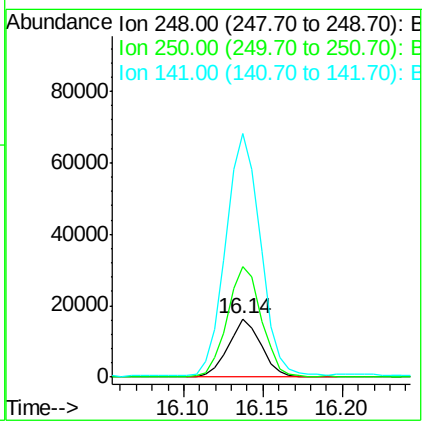


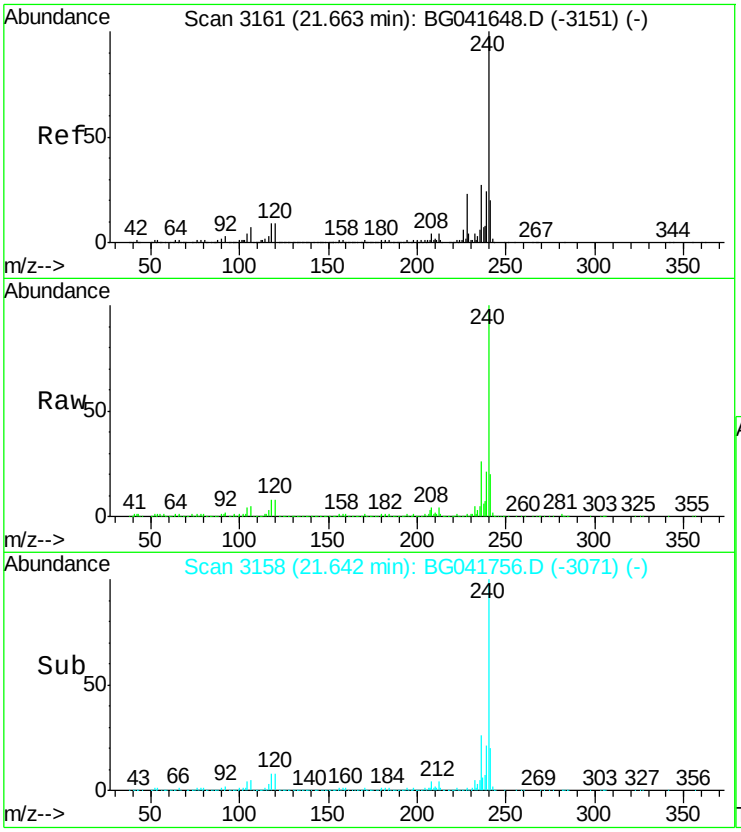


#67
4-Bromophenyl-phenylether
Concen: 3.332 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.47 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:248 Resp: 23425

Ion	Ratio	Lower	Upper
248	100		
250	190.5	78.1	117.1#
141	417.7	49.6	74.4#



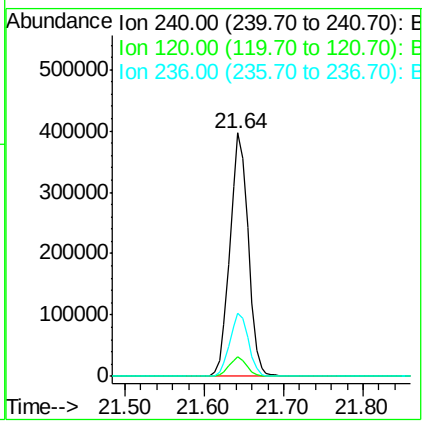


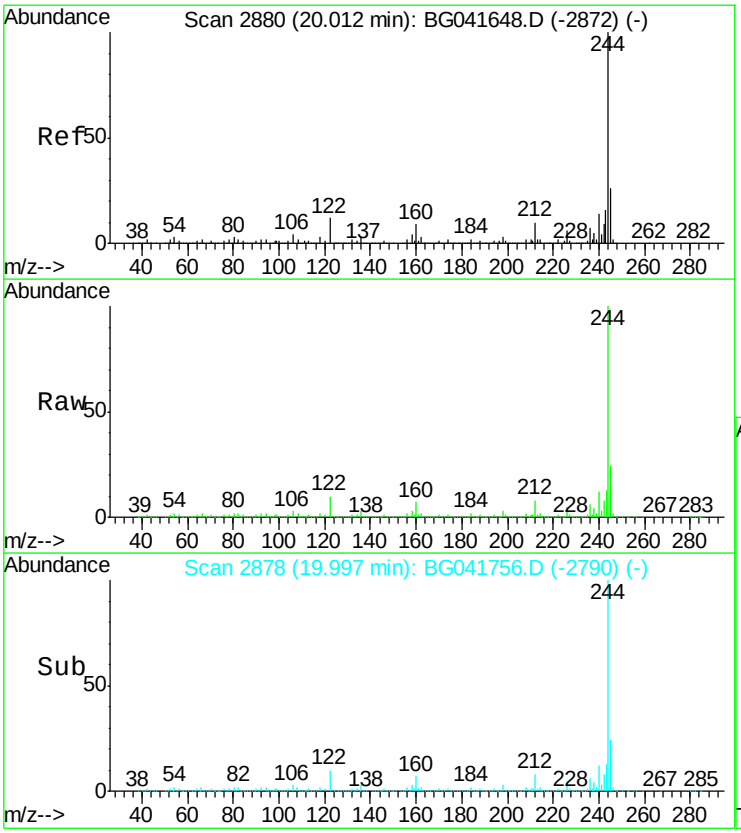
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 635616

Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.0	12.0#
236	25.8	22.6	33.8

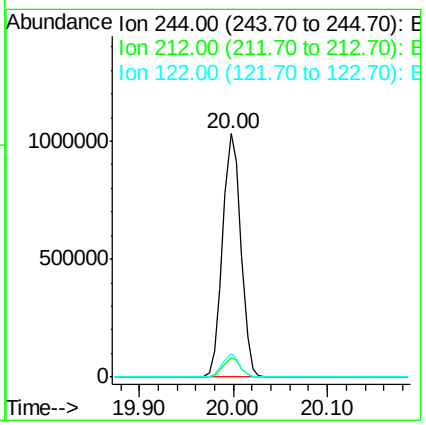


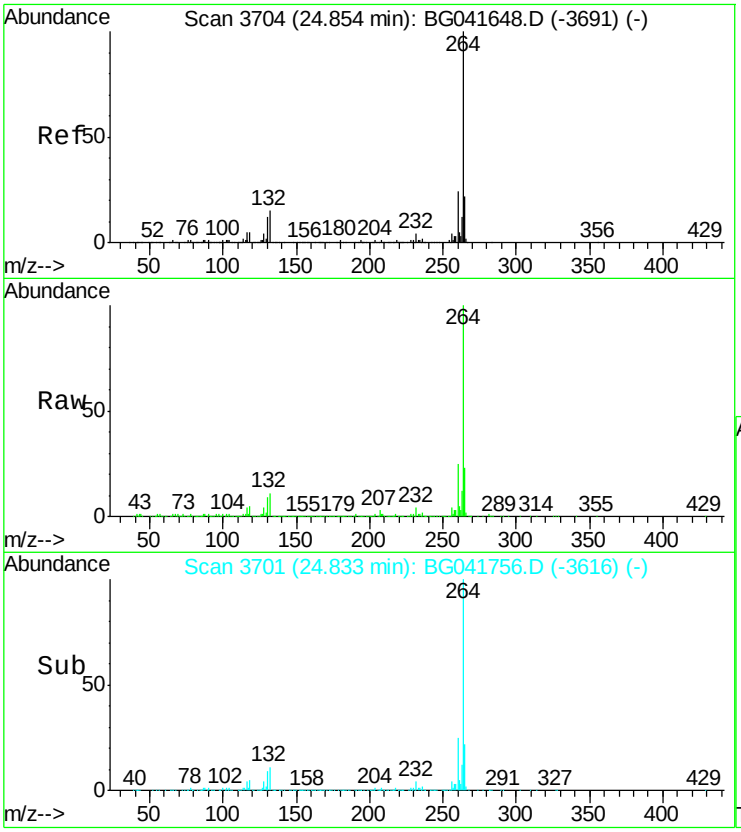


#79
Terphenyl-d14
Concen: 51.630 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:244 Resp: 1404299

Ion	Ratio	Lower	Upper
244	100		
212	8.3	9.7	14.5#
122	9.6	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 746720

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	18.0	27.0