Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-1824-01

Quant Time: May 10 06:24:17 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	8.14	152	48362	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	207223	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	164171	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	429763	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	406761	20.00	ng	-0.03
87) Perylene-d12	25.15	264	375594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	389562	141.99	ng	-0.01
7) Phenol-d6	7.28	99	588642	139.35	ng	-0.02
23) Nitrobenzene-d5	9.32	82	410348	91.50	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	321190	142.34	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	867075	76.28	ng	-0.02
79) Terphenyl-d14	20.11	244	1572080	85.62	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1283	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	58660	15.426	ng #	73
50) Dimethylphthalate	14.21	163	182087	13.256	ng	99
57) 2,4-Dinitrotoluene	14.77	165	20306	5.574	ng #	16
65) 4,6-Dinitro-2-methylphenol	16.26	198	1271	7.613	ng #	64
67) 4-Bromophenyl-phenylether	16.26	248	24791	4.630	ng #	1
77) Benzidine	20.11	184	27913	2.506	ng #	91

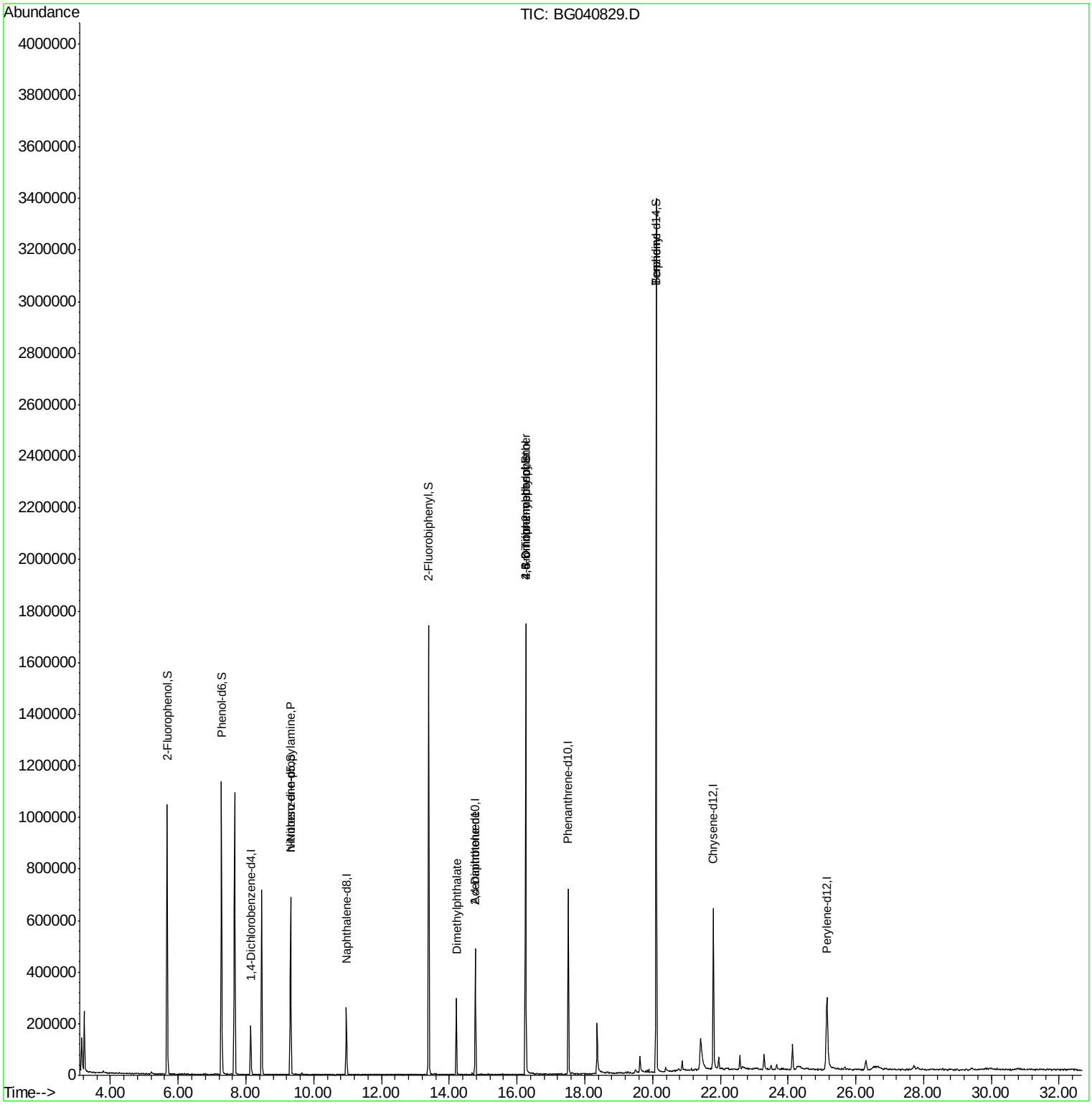
(#) = qualifier out of range (m) = manual integration (+) = signals summed

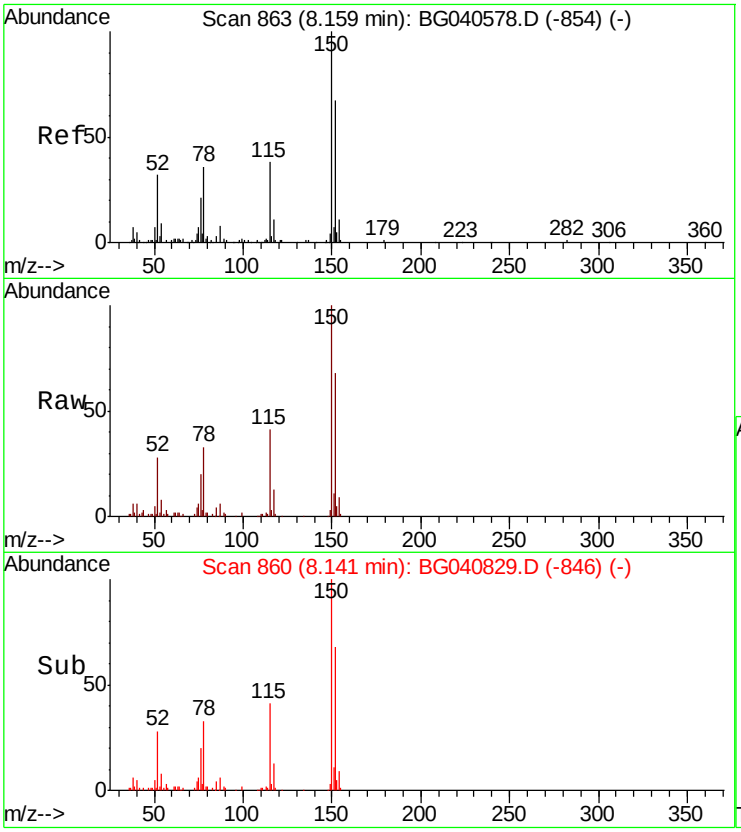
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040829.D
Acq On : 9 May 2019 23:34
Operator : HP/JU
Sample : K2762-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Quant Time: May 10 06:24:17 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



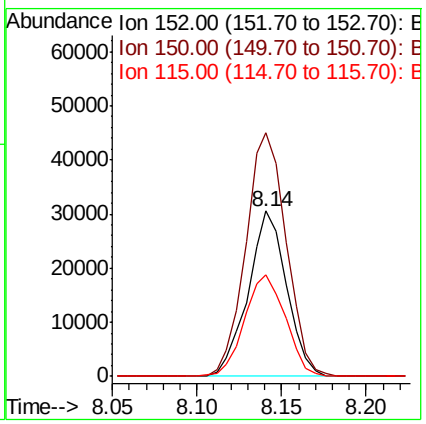


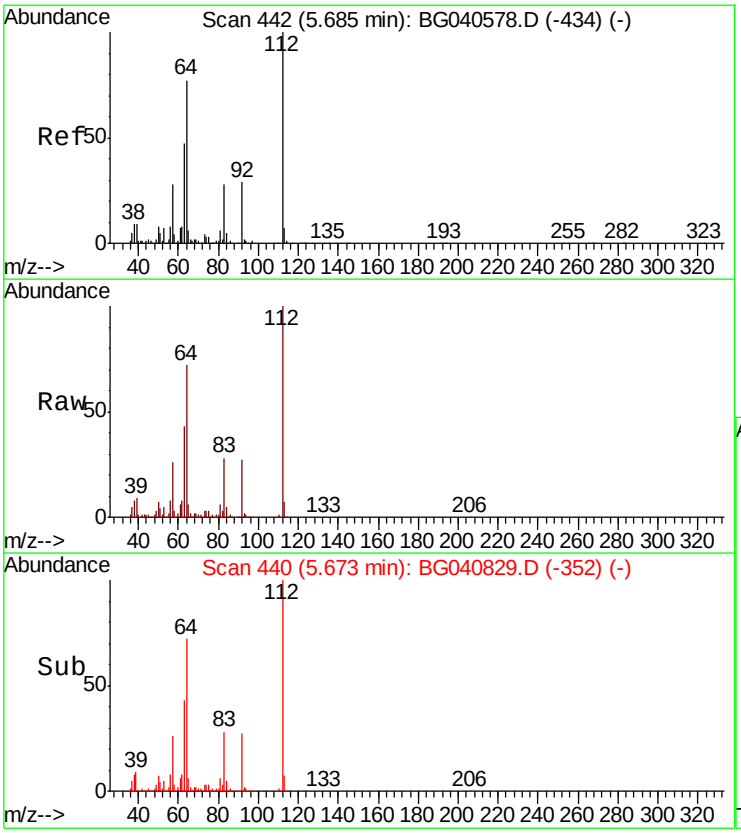
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:152 Resp: 48362

Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.2	180.2
115	61.2	46.2	69.2

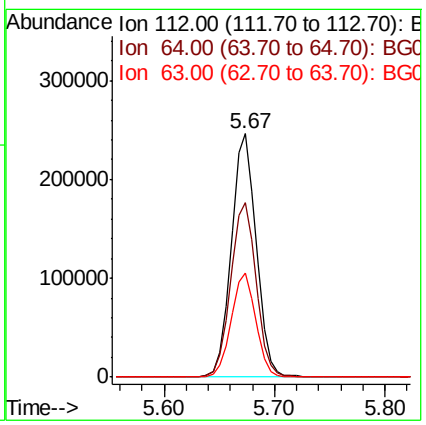


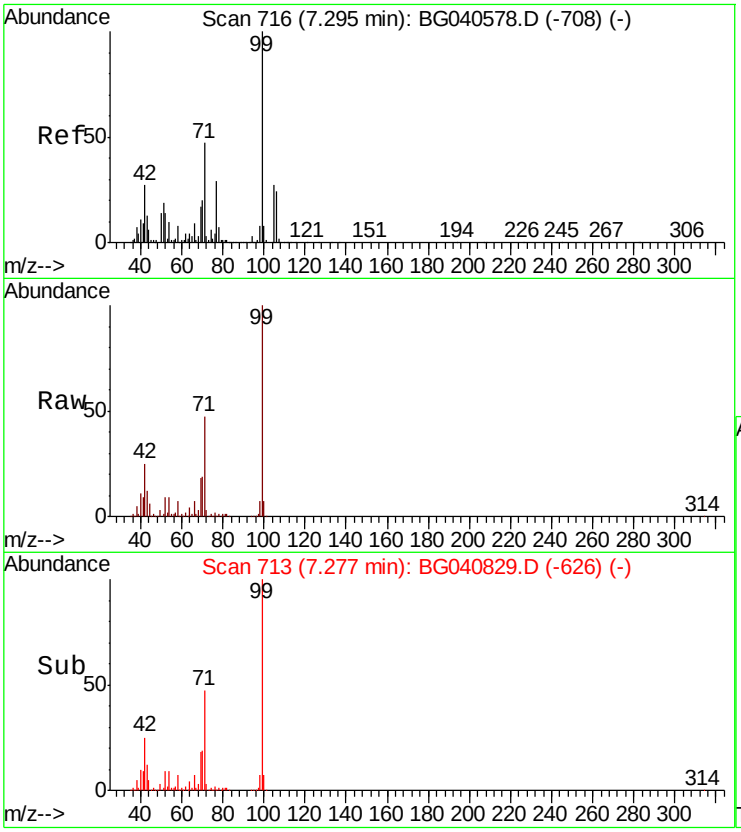


#5
2-Fluorophenol
Concen: 141.993 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:112 Resp: 389562

Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.4	92.0
63	42.8	37.8	56.6



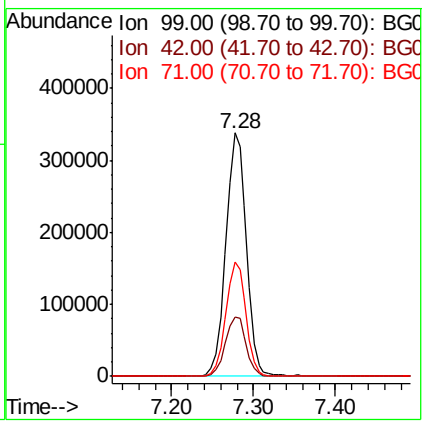


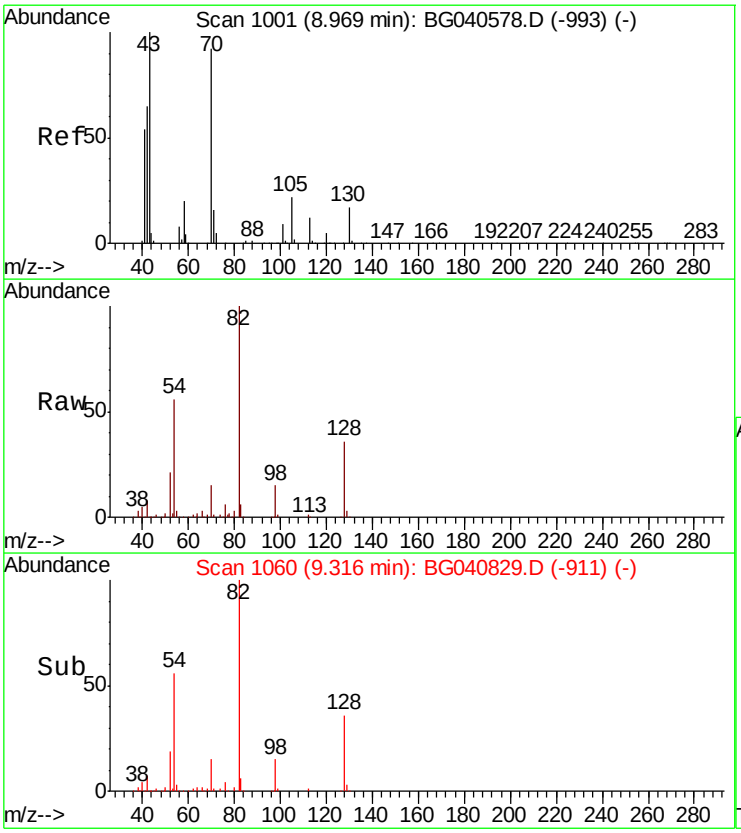
#7
Phenol-d6
Concen: 139.348 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion: 99 Resp: 588642

Ion	Ratio	Lower	Upper
99	100		
42	24.6	21.8	32.8
71	46.7	38.6	57.8

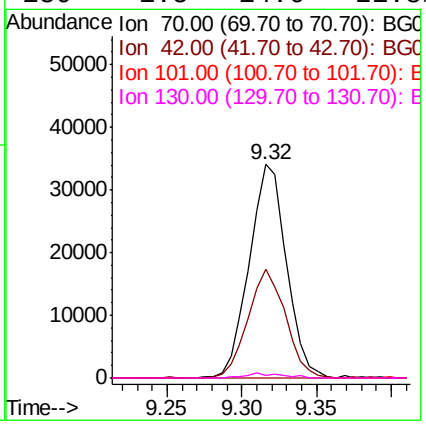


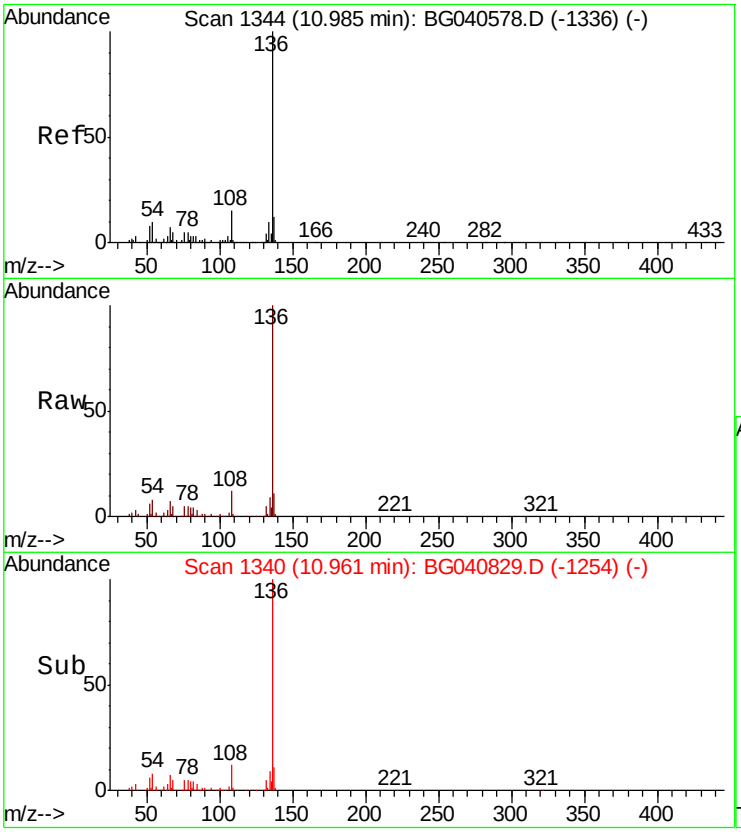


#19
n-Nitroso-di-n-propylamine
Concen: 15.426 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion: 70 Resp: 58660

Ion	Ratio	Lower	Upper
70	100		
42	50.9	57.1	85.7#
101	0.0	7.8	11.8#
130	1.5	14.6	21.8#



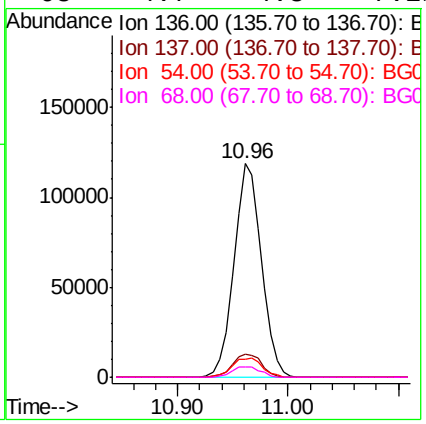


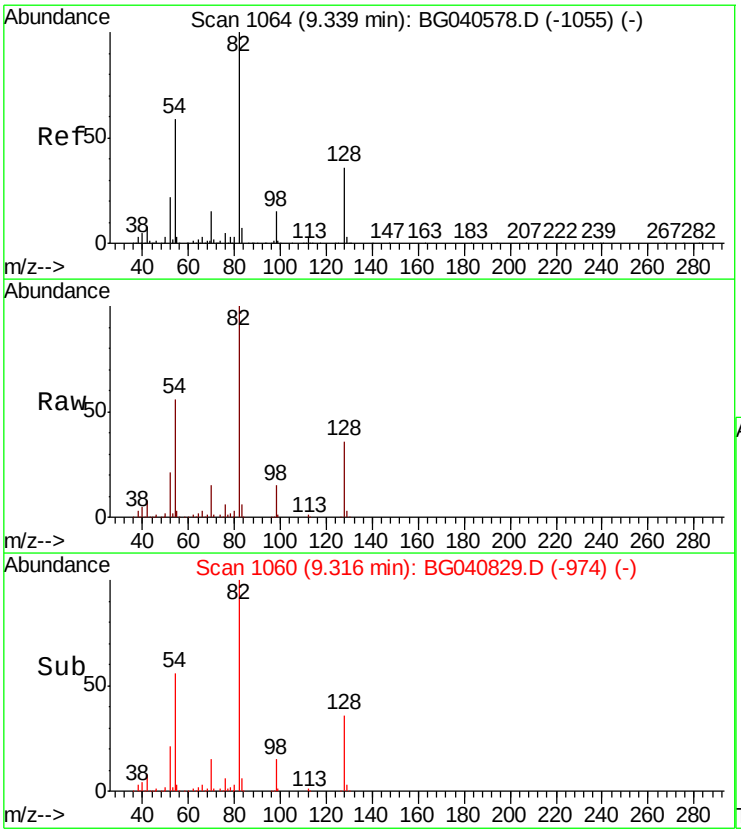
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:136 Resp: 207223

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.7	14.5
54	8.5	8.6	12.8#
68	4.7	4.8	7.2#

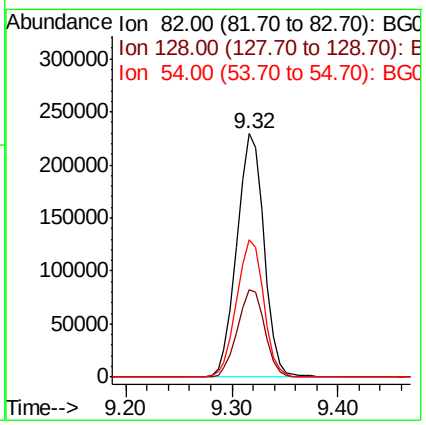


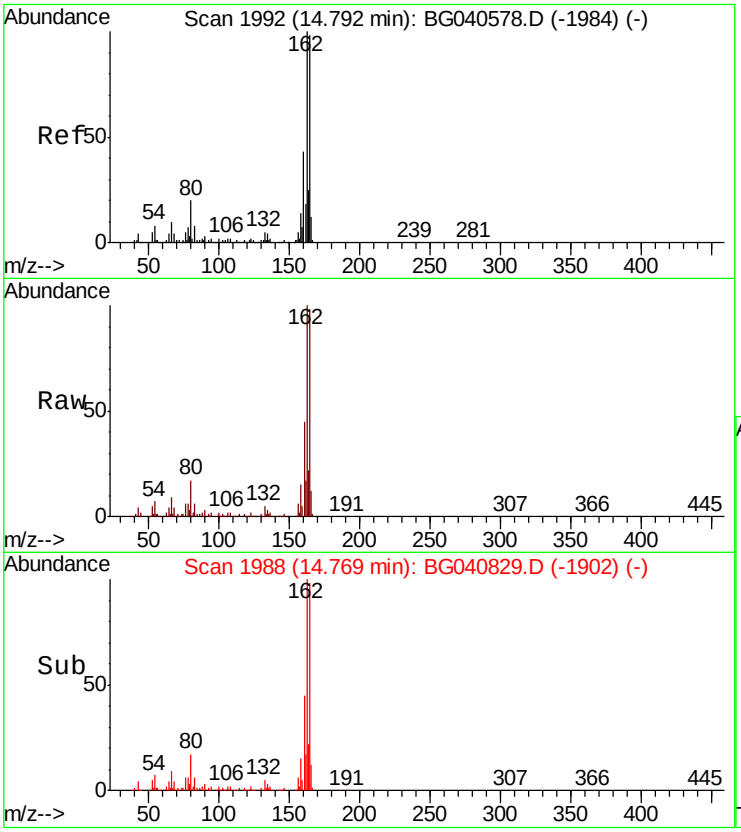


#23
Nitrobenzene-d5
Concen: 91.499 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion: 82 Resp: 410348

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.9	43.3
54	56.3	47.2	70.8



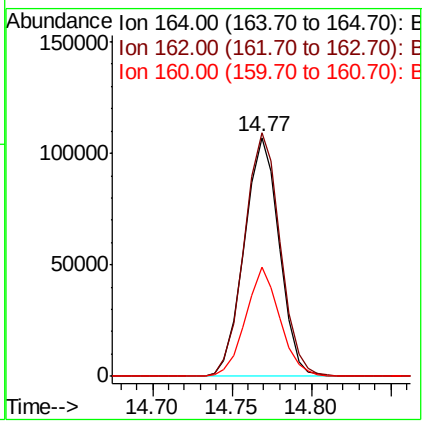


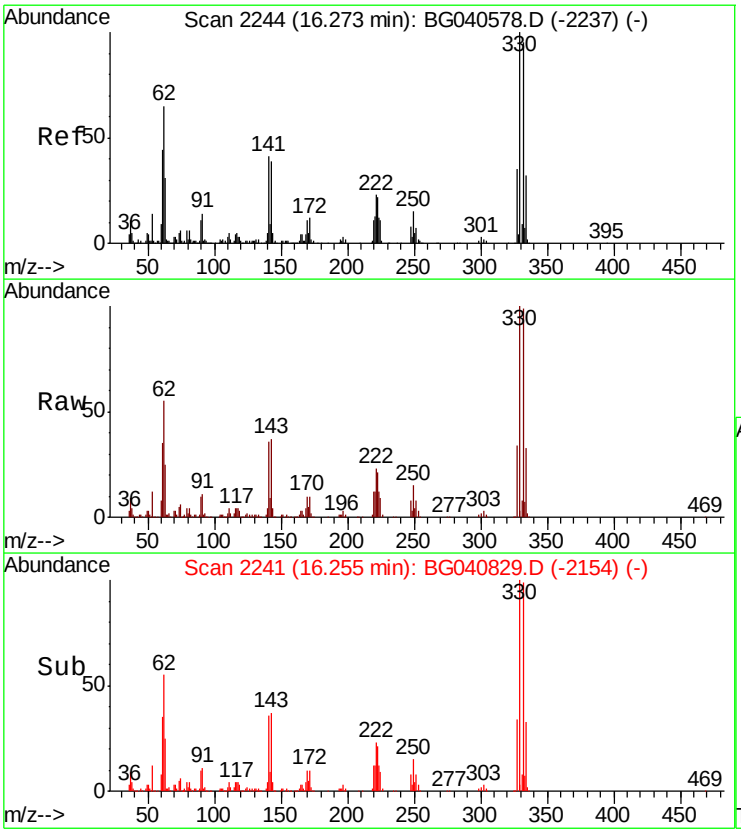
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:164 Resp: 164171

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.9	122.9
160	45.8	35.4	53.2

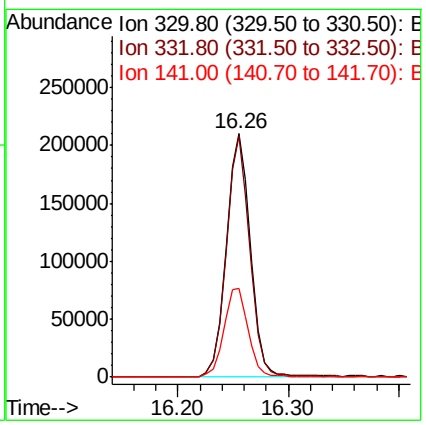


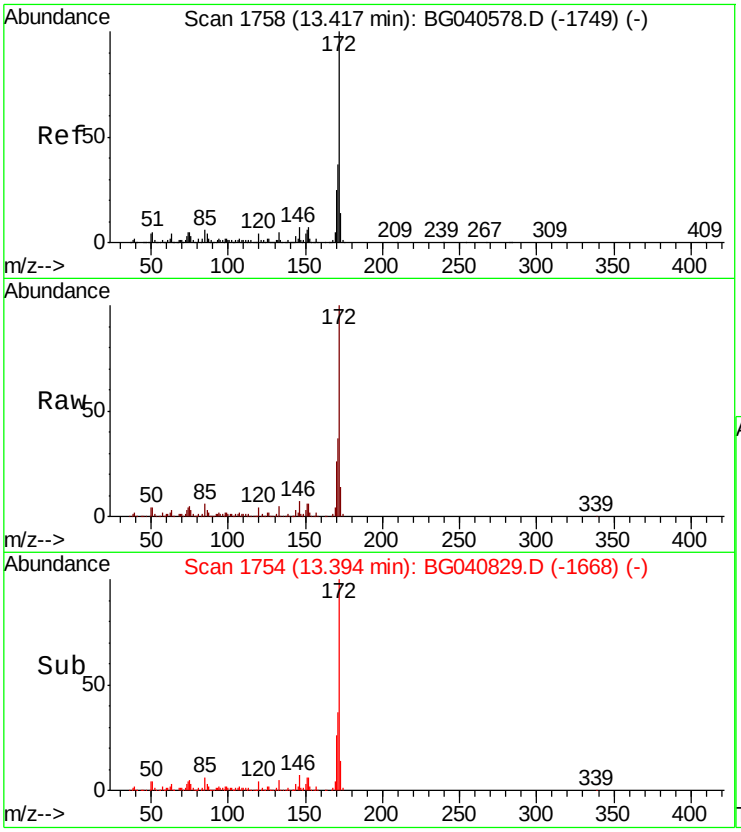


#42
2,4,6-Tribromophenol
Concen: 142.336 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:330 Resp: 321190

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	36.8	32.4	48.6



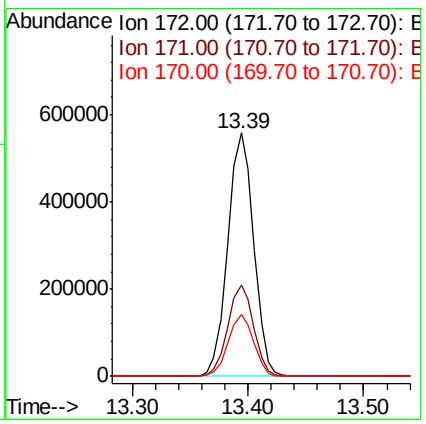


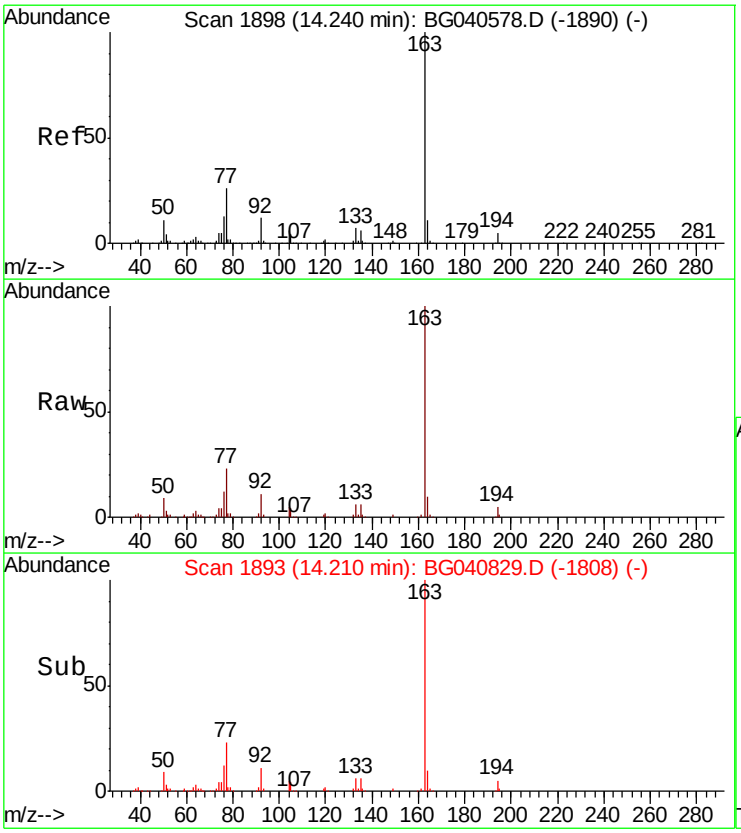
#45
2-Fluorobiphenyl
Concen: 76.276 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:172 Resp: 867075

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	25.6	19.9	29.9

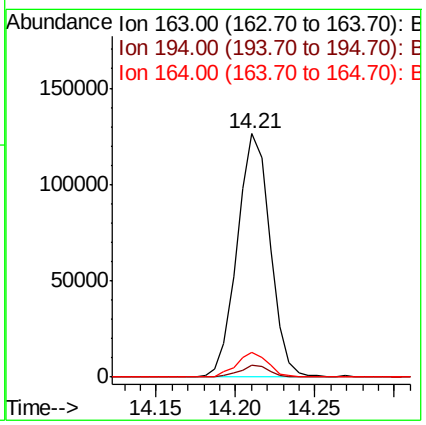


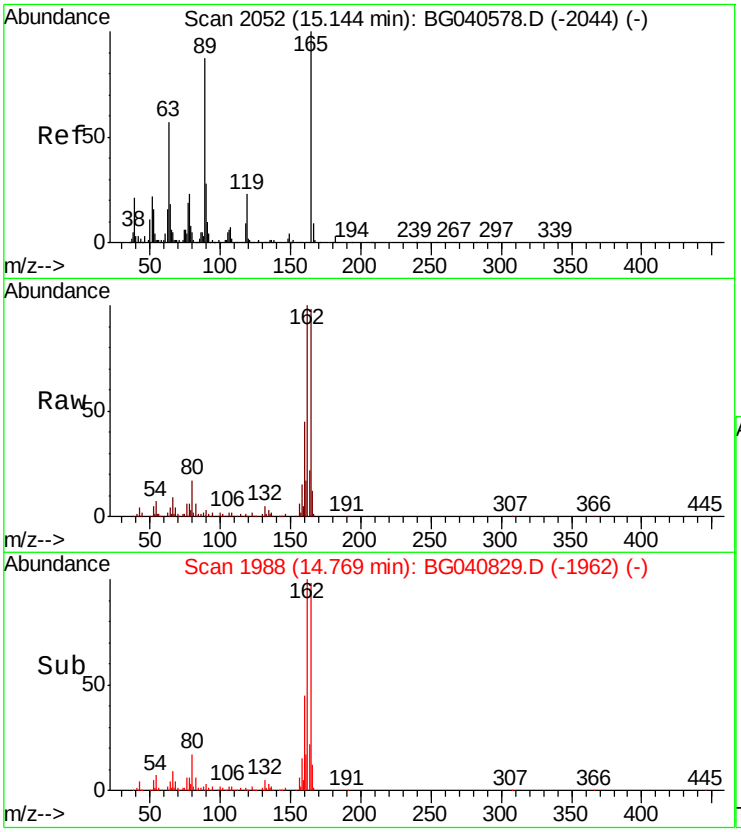


#50
Dimethylphthalate
Concen: 13.256 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:163 Resp: 182087

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.2	8.8	13.2



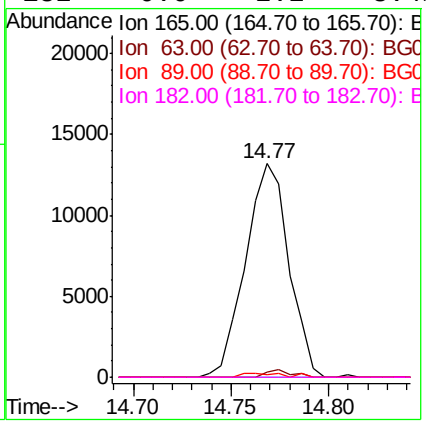


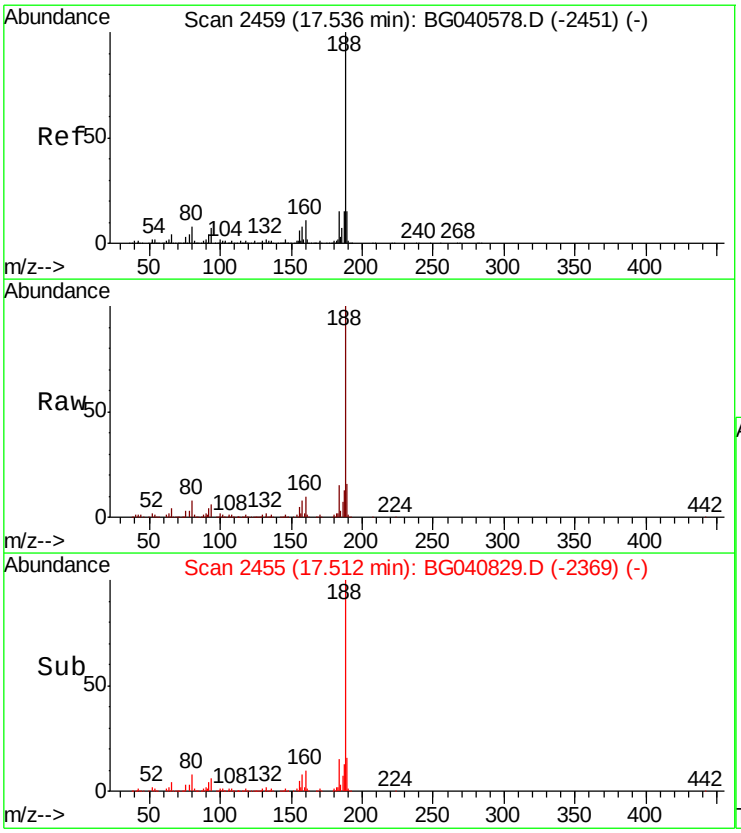
#57
2,4-Dinitrotoluene
Concen: 5.574 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:165 Resp: 20306

Ion	Ratio	Lower	Upper
165	100		
63	2.2	45.8	68.8#
89	1.2	69.4	104.2#
182	0.0	2.2	3.4#

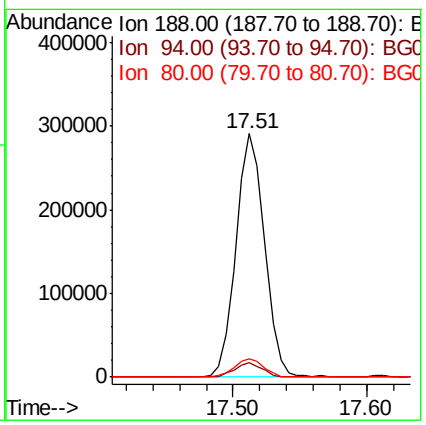


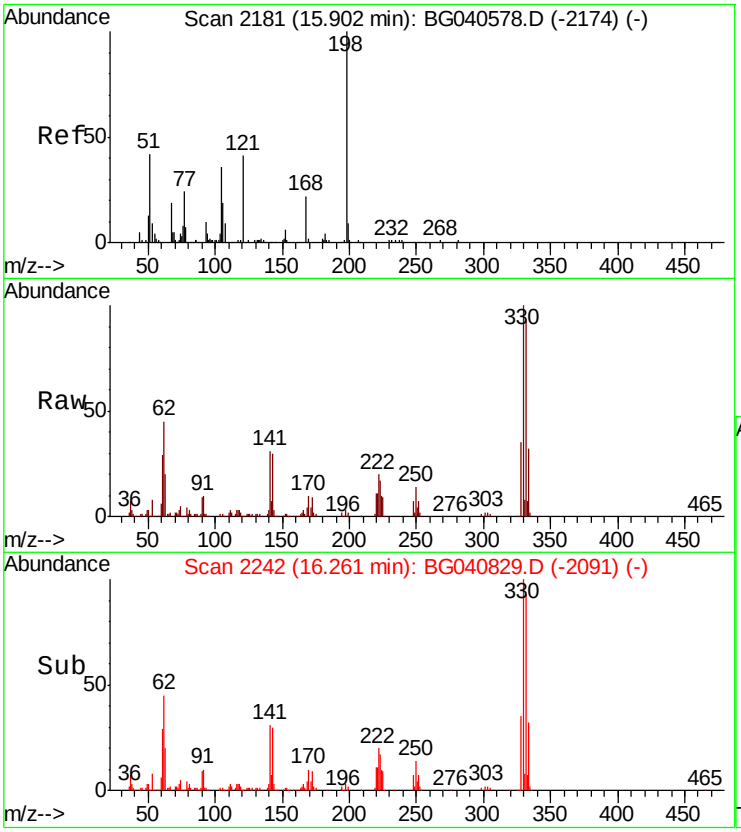


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:188 Resp: 429763

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	7.7	6.4	9.6



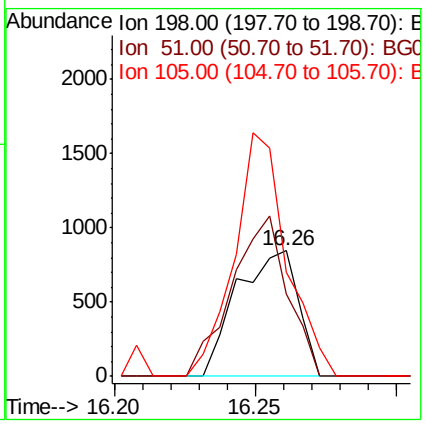


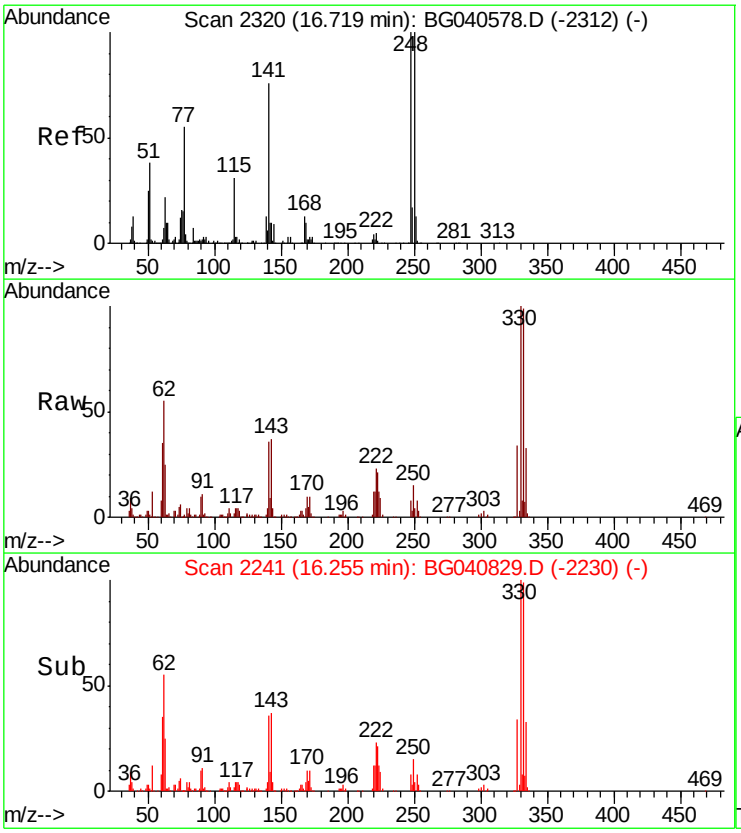
#65
4,6-Dinitro-2-methylphenol
Concen: 7.613 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.36 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:198 Resp: 1271

Ion	Ratio	Lower	Upper
198	100		
51	65.8	35.9	75.9
105	82.5	21.2	61.2#

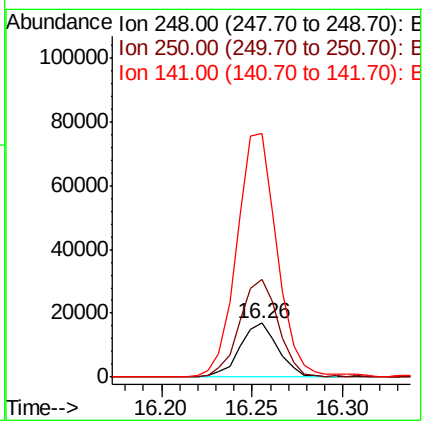


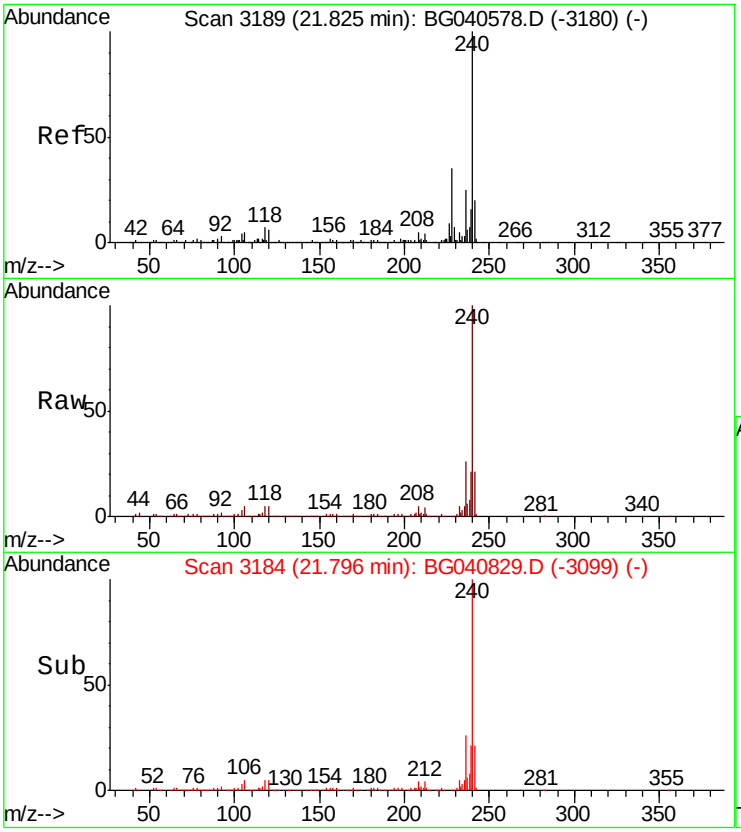


#67
4-Bromophenyl-phenylether
Concen: 4.630 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:248 Resp: 24791

Ion	Ratio	Lower	Upper
248	100		
250	181.5	79.8	119.6#
141	454.0	60.8	91.2#



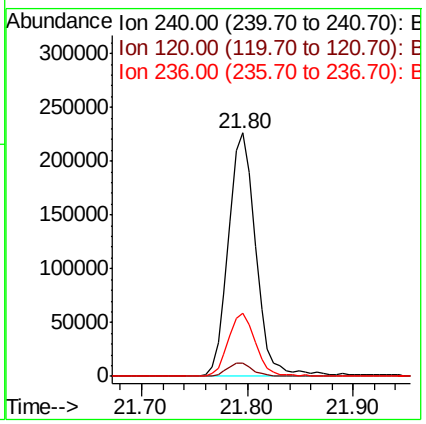


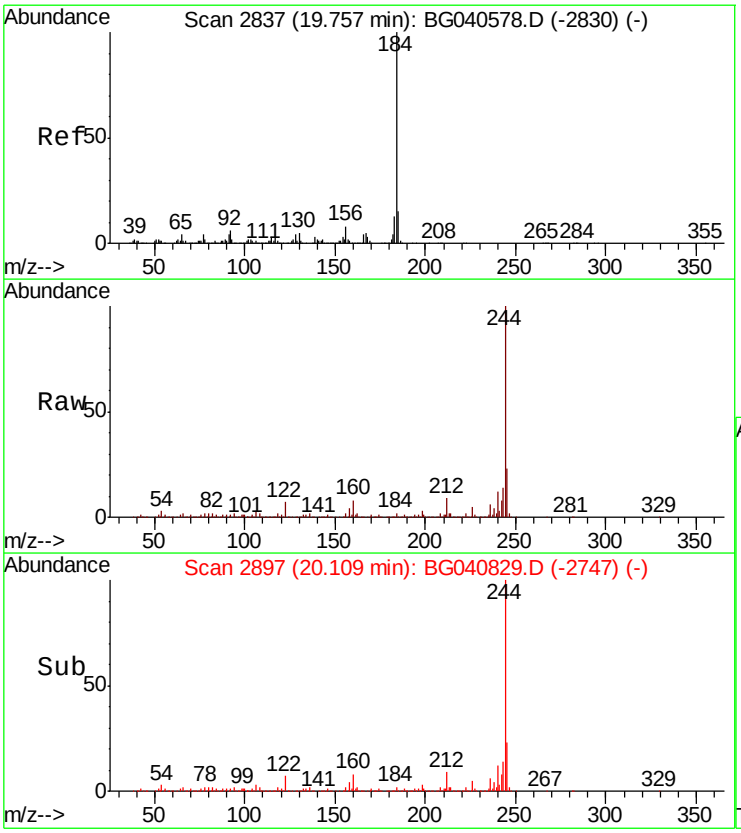
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:240 Resp: 406761

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.0	7.6
236	26.1	20.3	30.5

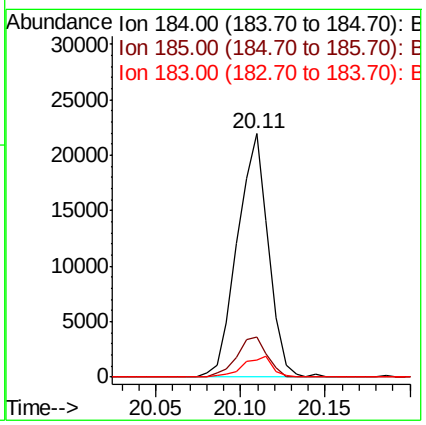


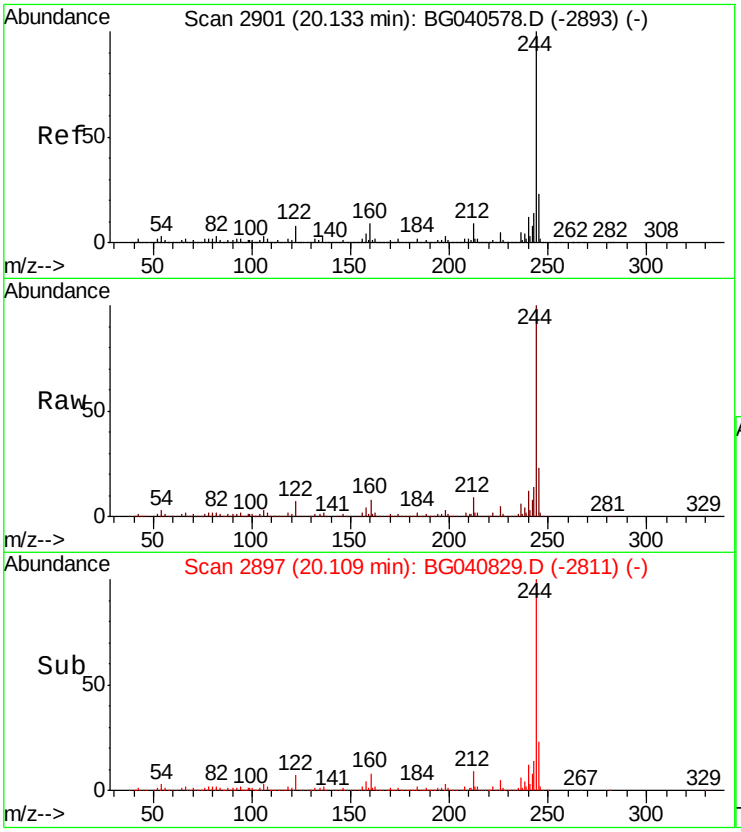


#77
Benzidine
Concen: 2.506 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:184 Resp: 27913

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.8	17.8
183	7.0	10.2	15.2#



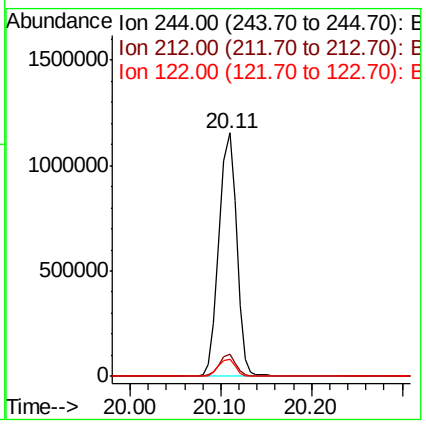


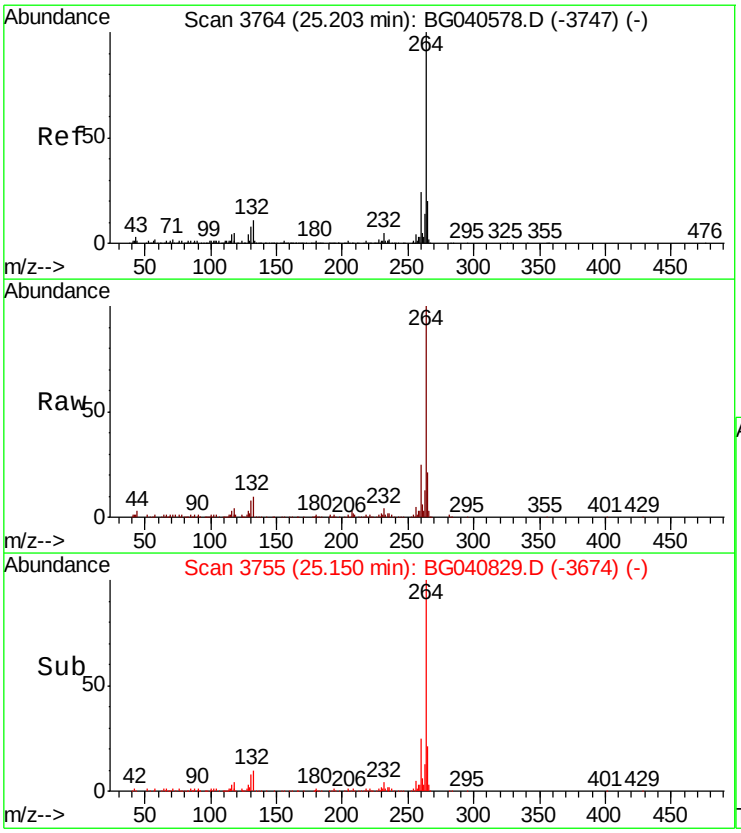
#79
Terphenyl-d14
Concen: 85.623 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Instrument :
BNA_G
ClientSampleId :
P021-SS003-1824-01

Tgt Ion:244 Resp: 1572080

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	7.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040829.D
Acq: 9 May 2019 23:34

Tgt Ion:264 Resp: 375594

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.1	16.6	25.0