Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040880.D
Acq On : 11 May 2019 19:13
Operator : HP/JU
Sample : K2767-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS012-1824-01

Quant Time: May 12 04:59:42 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	50383	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	198343	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	155207	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	412146	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	444901	20.00	ng	-0.04
87) Perylene-d12	25.13	264	461336	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	351703	123.05	ng	-0.02
7) Phenol-d6	7.27	99	545806	124.02	ng	-0.02
23) Nitrobenzene-d5	9.31	82	362497	84.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	281551	131.98	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	699731	65.11	ng	-0.03
79) Terphenyl-d14	20.10	244	1381941	68.81	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	981	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.31	70	52778	13.323	ng #	72
50) Dimethylphthalate	14.20	163	194375	14.968	ng	99
54) 2,4-Dinitrophenol	15.26	184	56	7.050	ng #	21
57) 2,4-Dinitrotoluene	14.76	165	19308	5.606	ng #	17
65) 4,6-Dinitro-2-methylphenol	16.25	198	645	7.372	ng #	1
67) 4-Bromophenyl-phenylether	16.24	248	20518	3.996	ng #	1

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

Quantitation Report (Not Reviewed)

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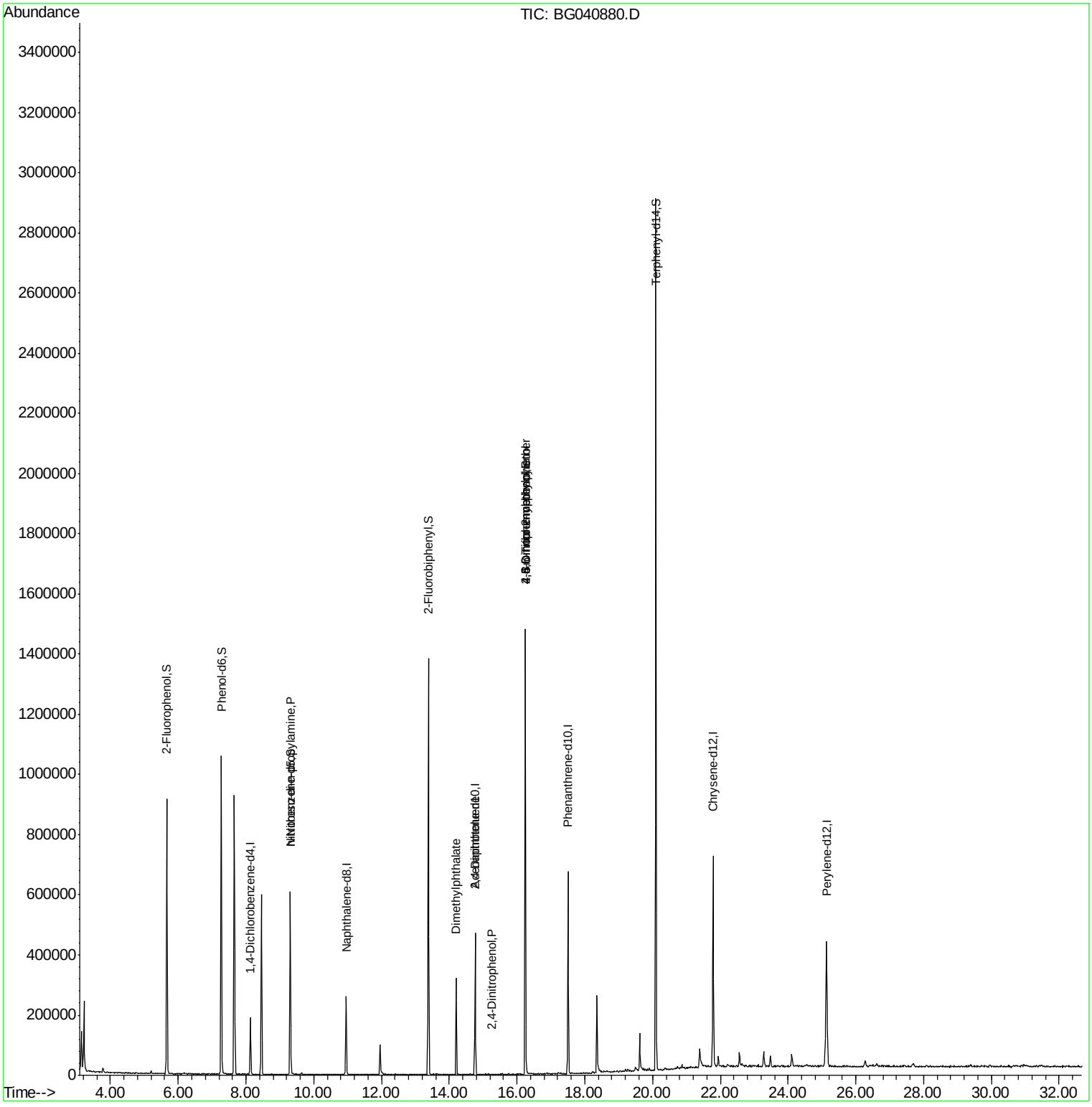
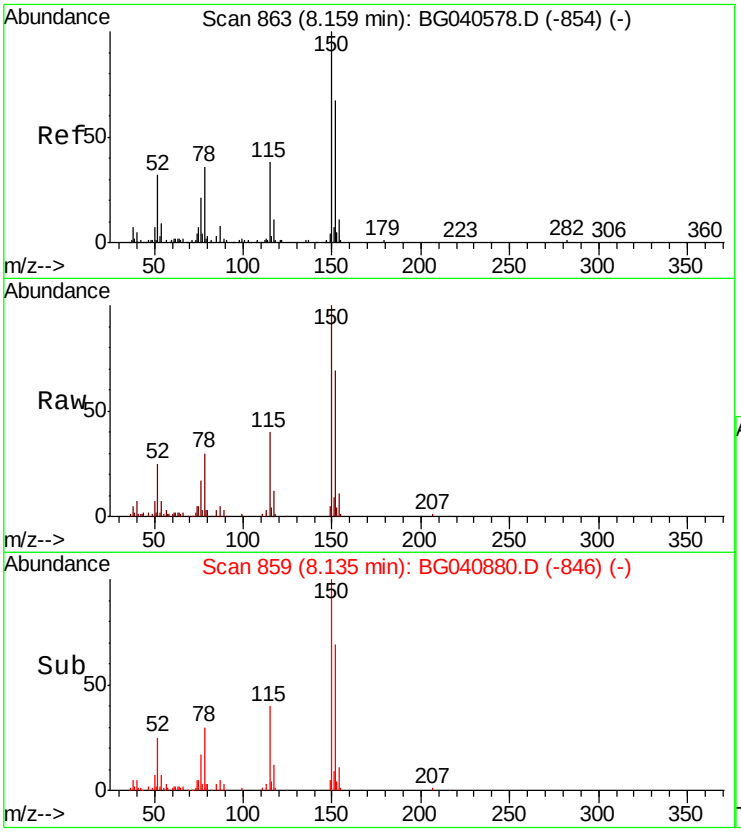


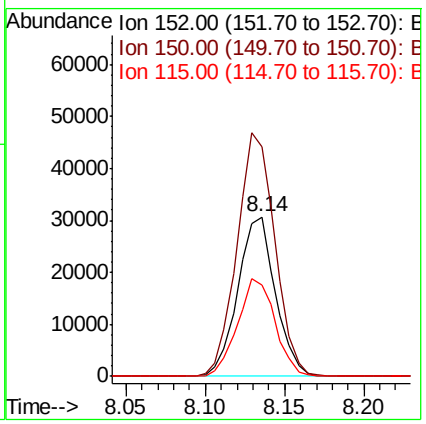


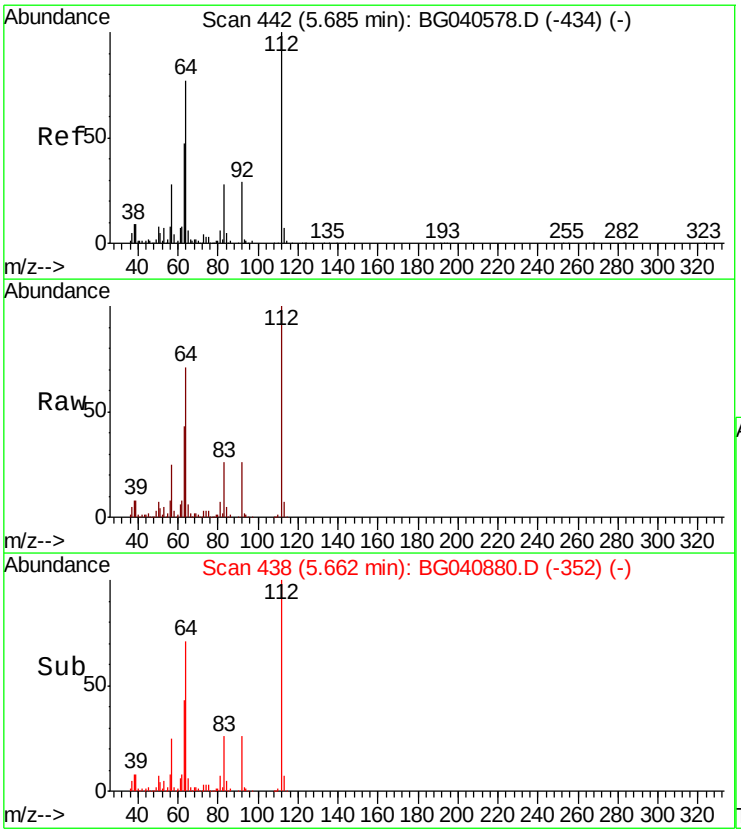
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:152 Resp: 50383

Ion	Ratio	Lower	Upper
152	100		
150	144.5	120.2	180.2
115	57.2	46.2	69.2

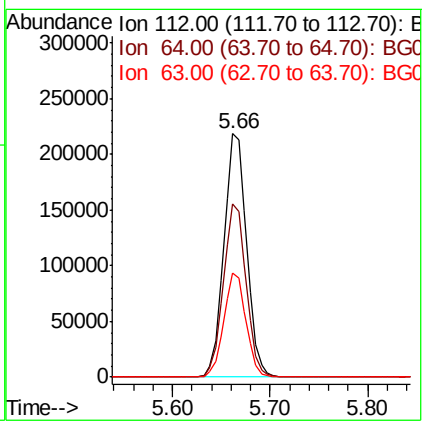


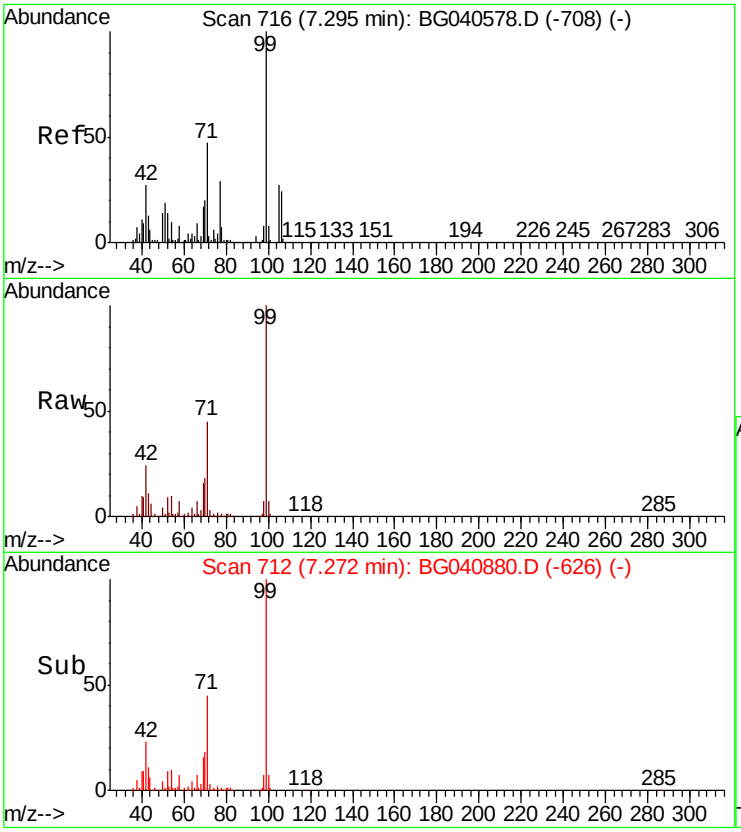


#5
2-Fluorophenol
Concen: 123.051 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:112 Resp: 351703

Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.4	92.0
63	42.9	37.8	56.6



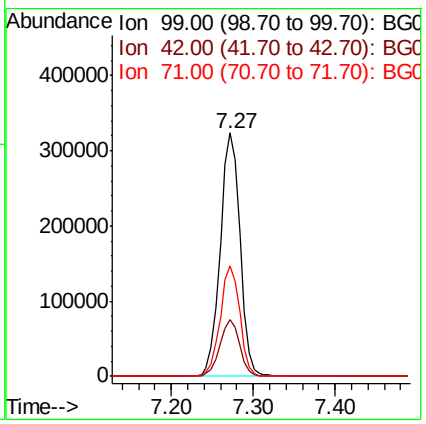


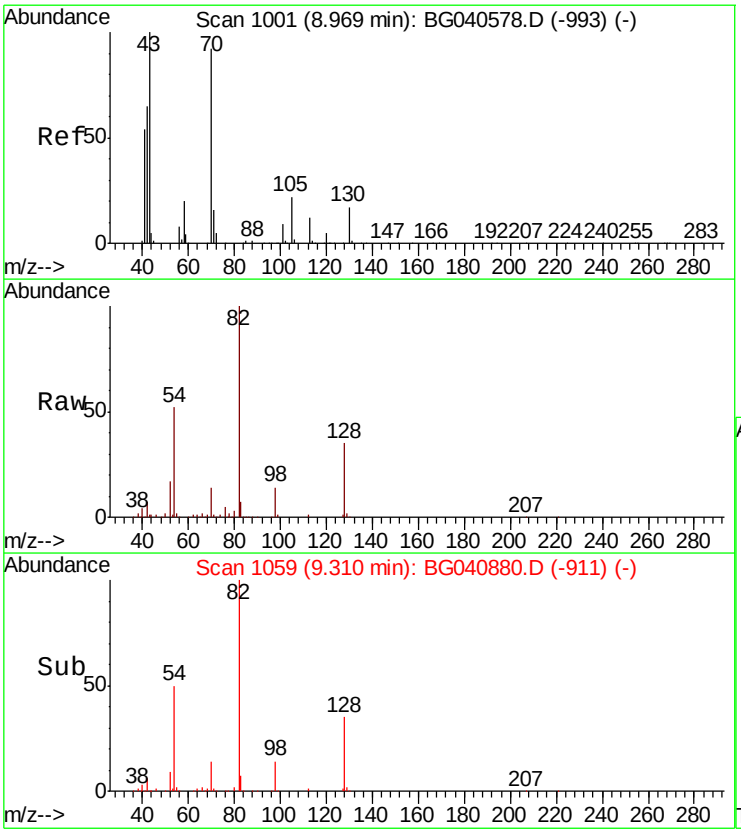
#7
Phenol-d6
Concen: 124.025 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion: 99 Resp: 545806

Ion	Ratio	Lower	Upper
99	100		
42	23.5	21.8	32.8
71	45.2	38.6	57.8

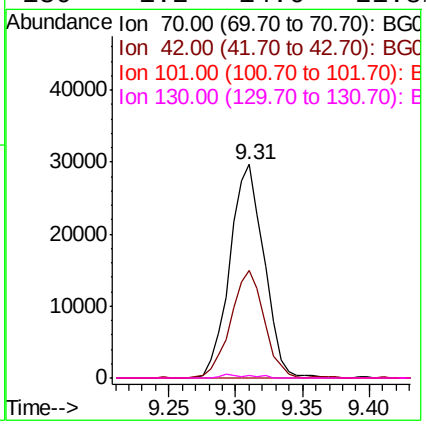


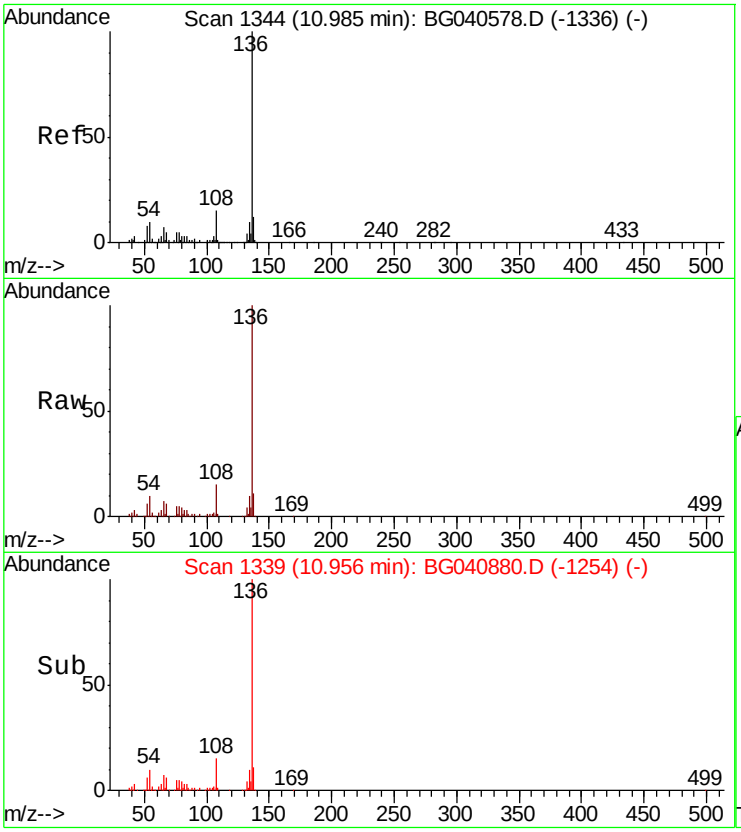


#19
n-Nitroso-di-n-propylamine
Concen: 13.323 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion: 70 Resp: 52778

Ion	Ratio	Lower	Upper
70	100		
42	50.6	57.1	85.7#
101	0.0	7.8	11.8#
130	1.2	14.6	21.8#



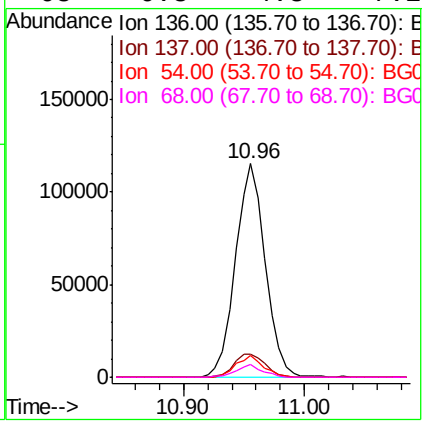


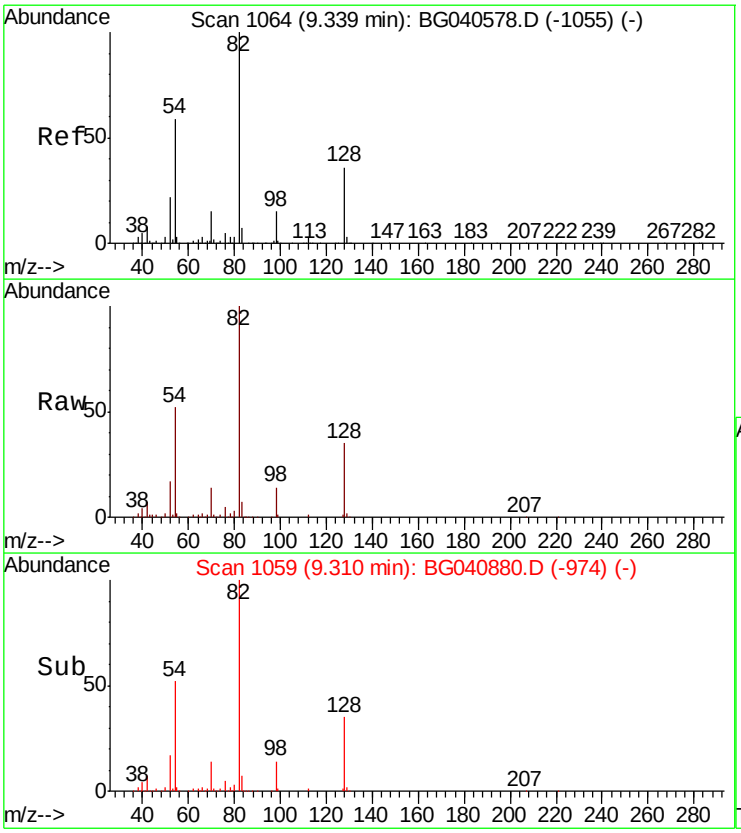
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:136 Resp: 198343

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.7	14.5
54	10.0	8.6	12.8
68	6.3	4.8	7.2

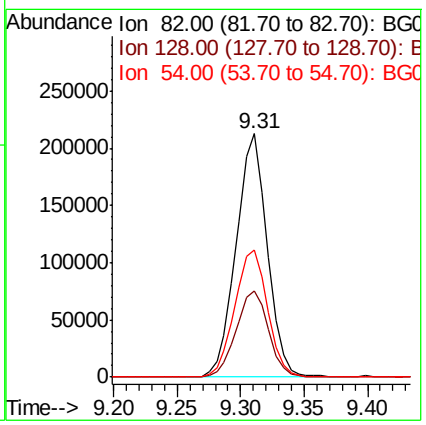


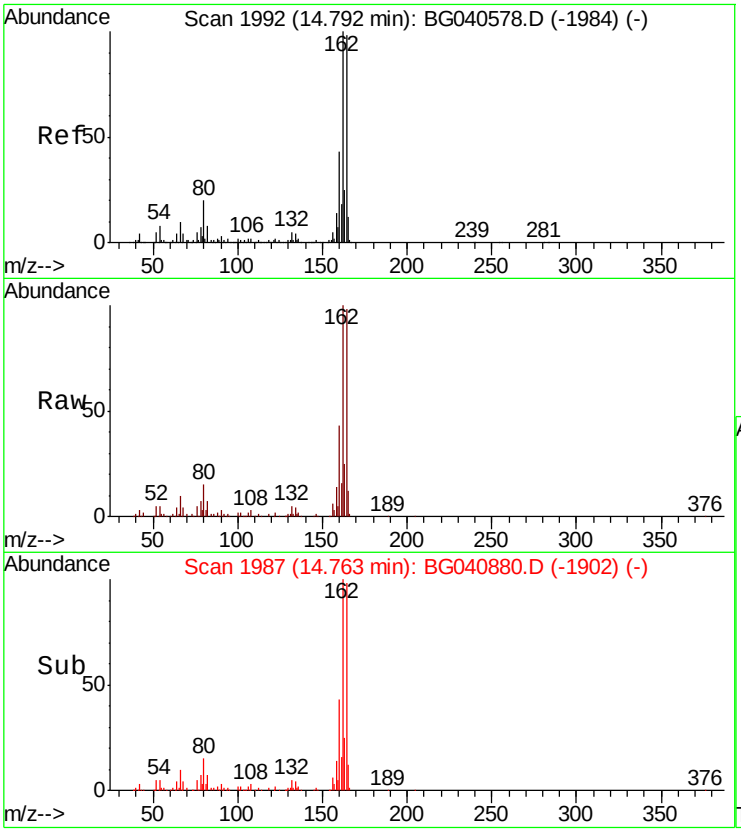


#23
Nitrobenzene-d5
Concen: 84.448 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion: 82 Resp: 362497

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	52.5	47.2	70.8



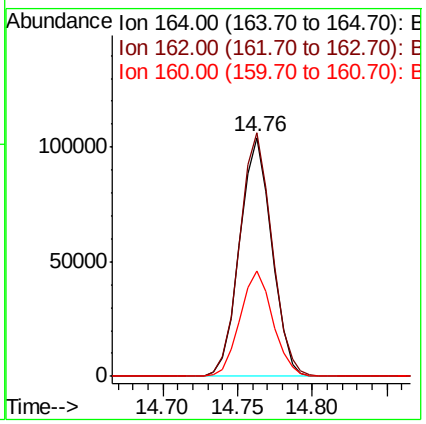


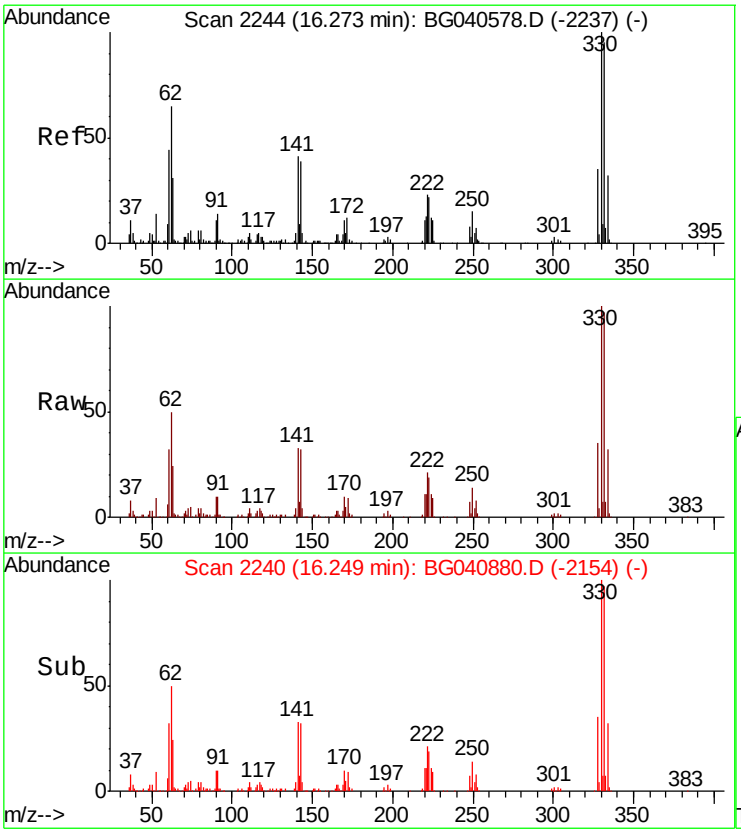
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:164 Resp: 155207

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.9	122.9
160	43.9	35.4	53.2

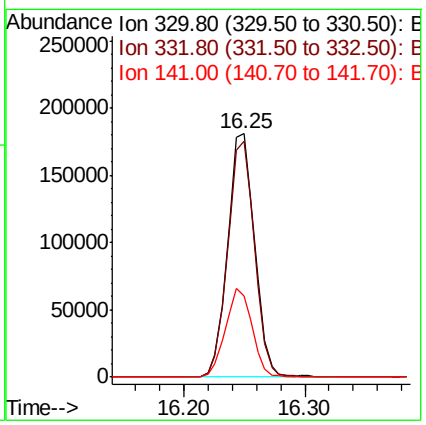


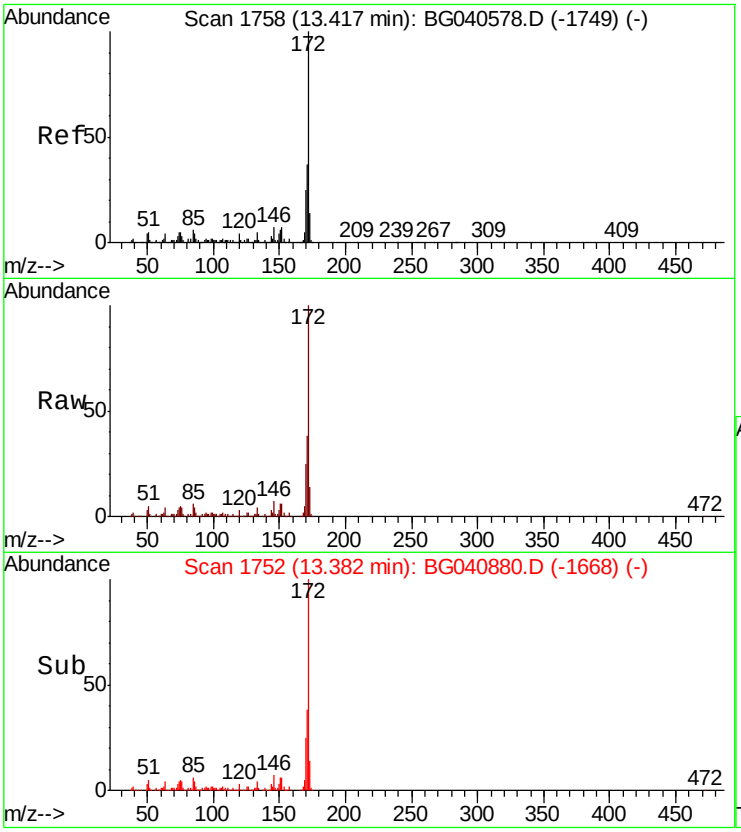


#42
2,4,6-Tribromophenol
Concen: 131.976 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:330 Resp: 281551

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.9	113.9
141	36.0	32.4	48.6



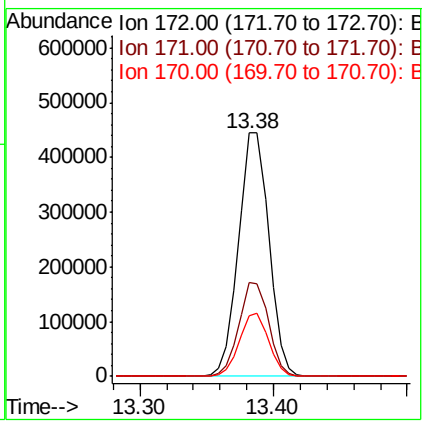


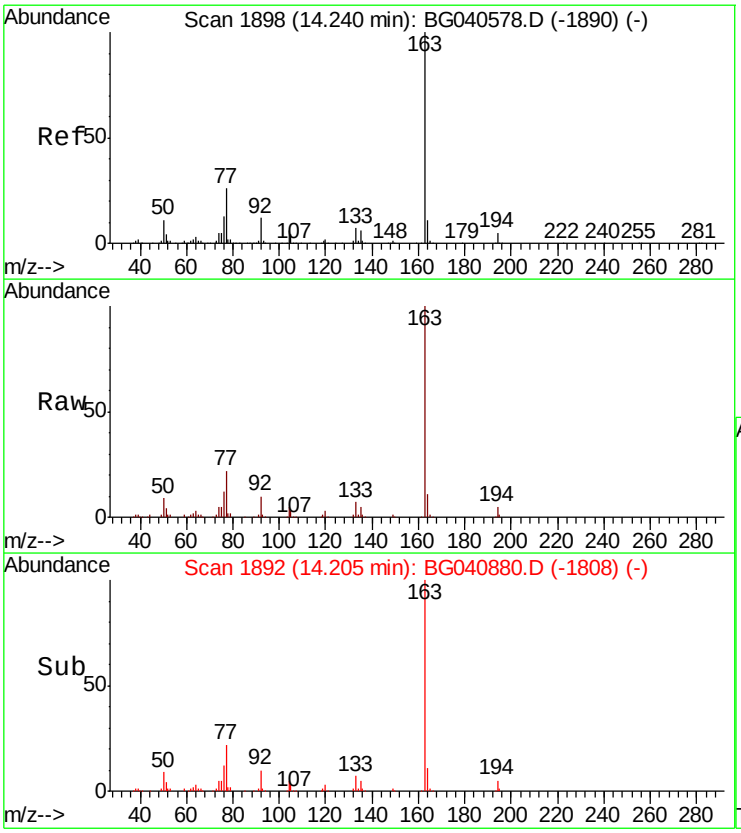
#45
2-Fluorobiphenyl
Concen: 65.110 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:172 Resp: 699731

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	24.8	19.9	29.9

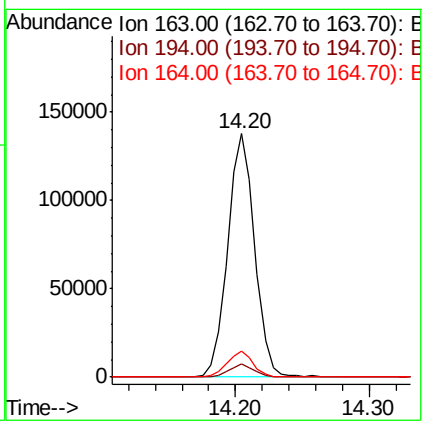


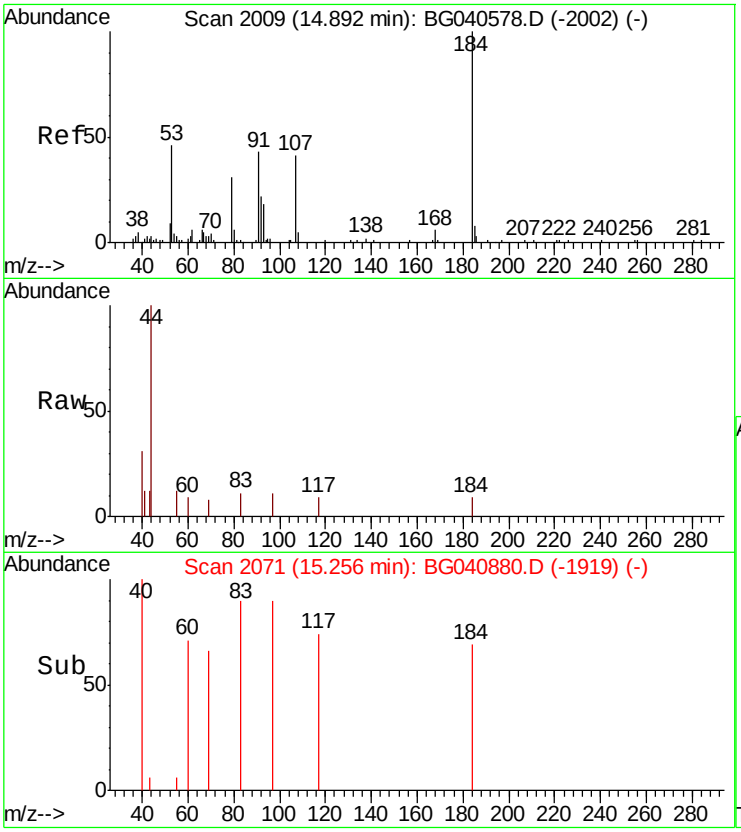


#50
Dimethylphthalate
Concen: 14.968 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:163 Resp: 194375

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.8
164	10.6	8.8	13.2



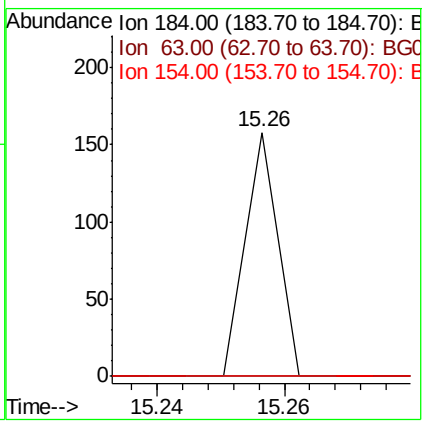


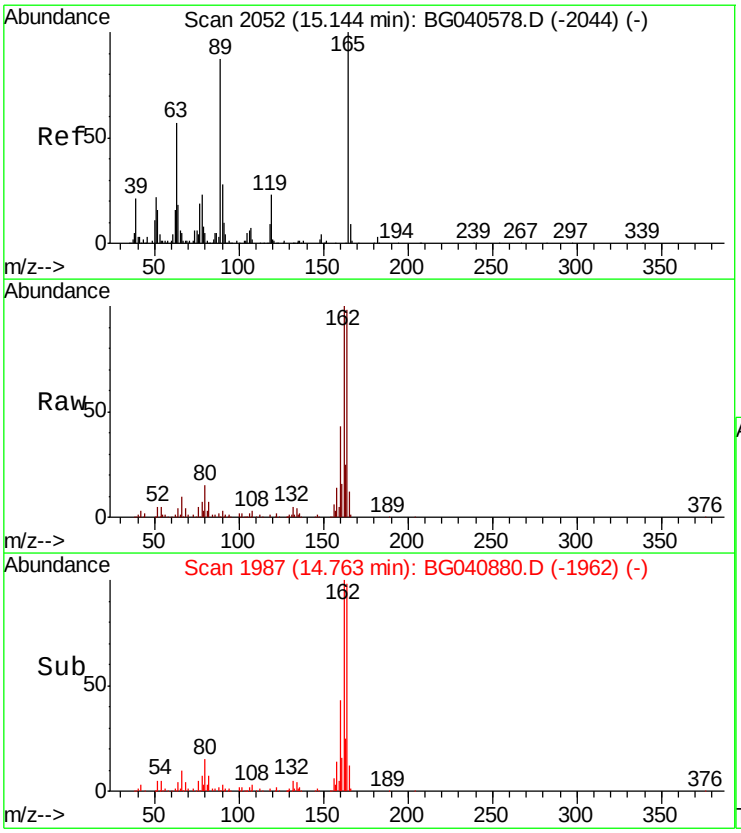
#54
2,4-Dinitrophenol
Concen: 7.050 ng
RT: 15.26 min Scan# 2071
Delta R.T. 0.37 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

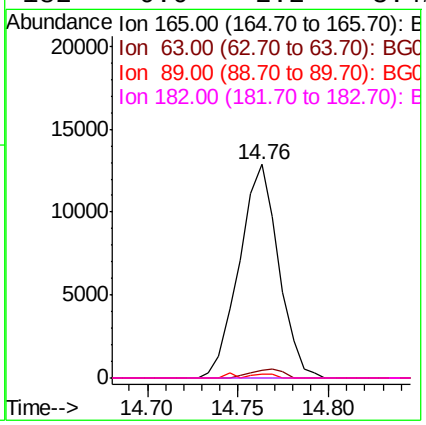


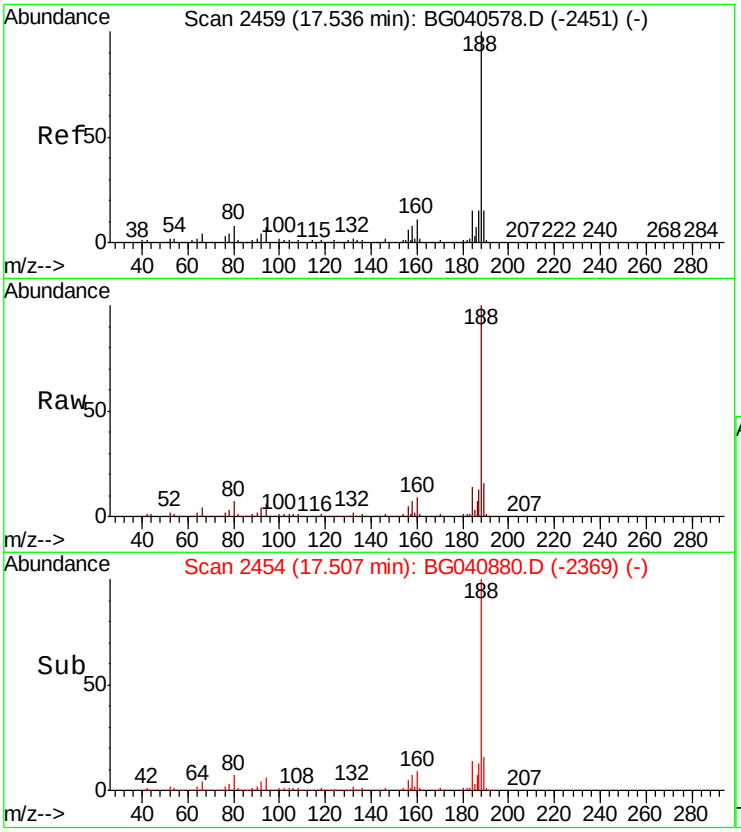


#57
2,4-Dinitrotoluene
Concen: 5.606 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:165 Resp: 19308

Ion	Ratio	Lower	Upper
165	100		
63	3.3	45.8	68.8#
89	1.8	69.4	104.2#
182	0.0	2.2	3.4#



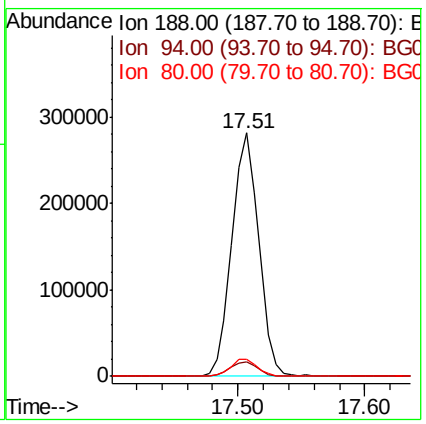


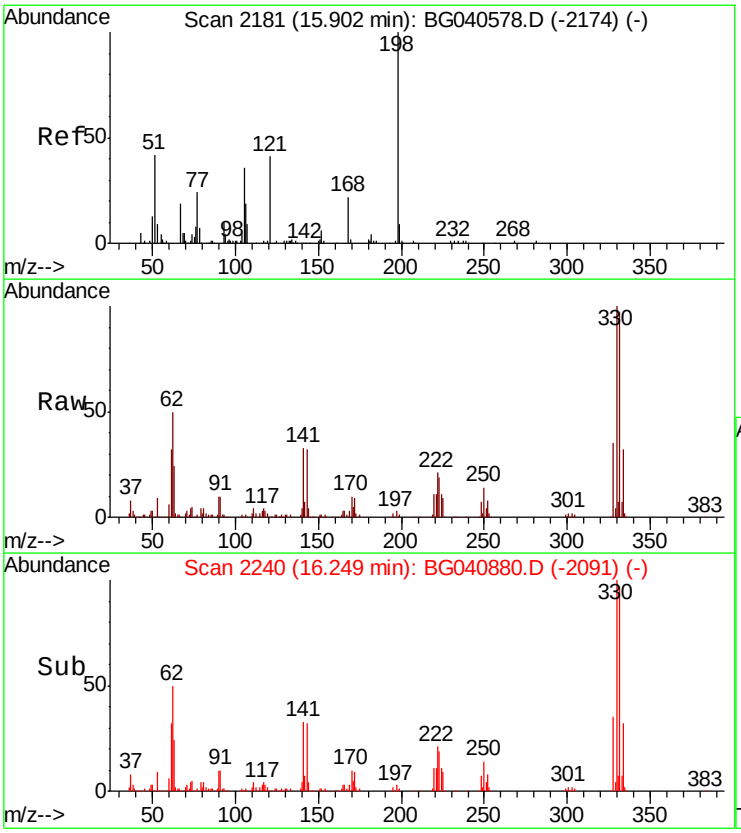
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:188 Resp: 412146

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	7.2	6.4	9.6

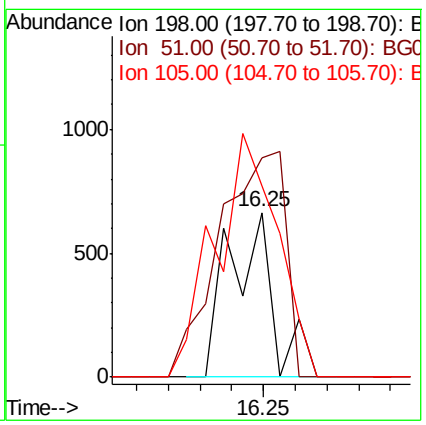


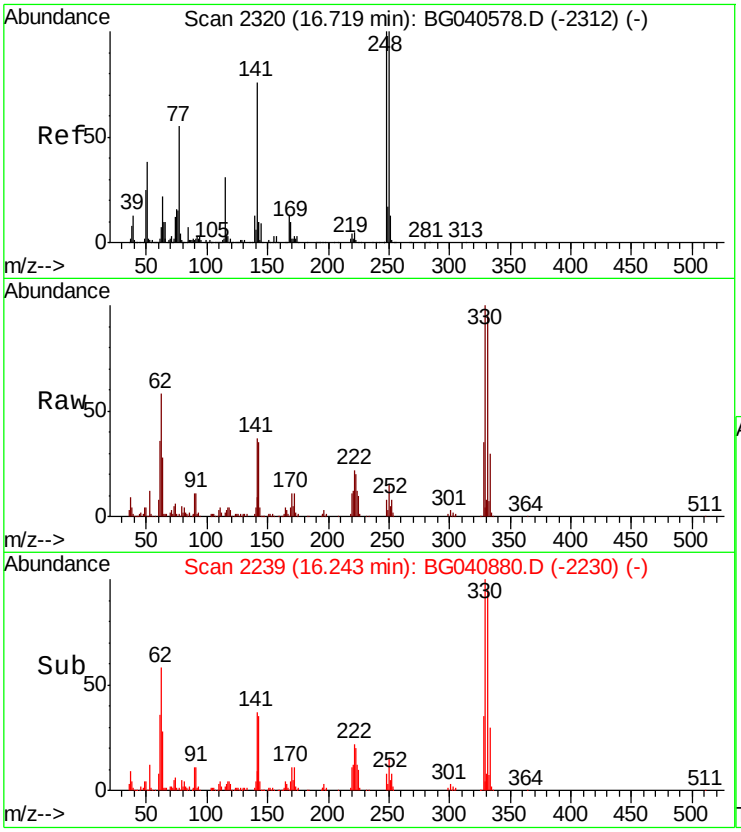


#65
4,6-Dinitro-2-methylphenol
Concen: 7.372 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.35 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:198 Resp: 645

Ion	Ratio	Lower	Upper
198	100		
51	132.8	35.9	75.9#
105	116.2	21.2	61.2#



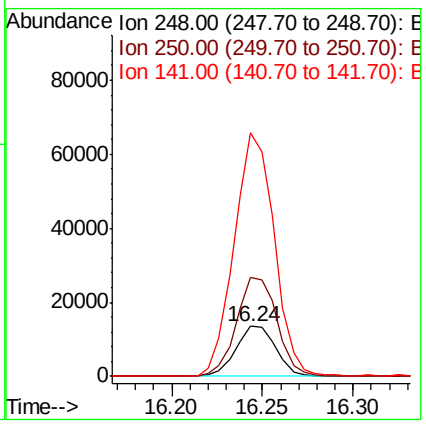


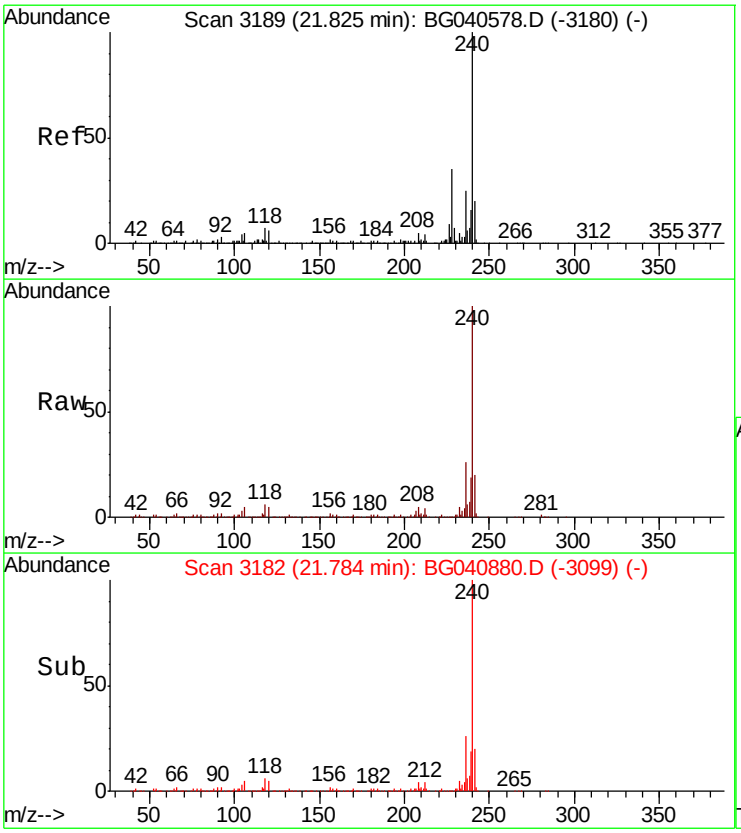
#67
4-Bromophenyl-phenylether
Concen: 3.996 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.48 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:248 Resp: 20518

Ion	Ratio	Lower	Upper
248	100		
250	197.7	79.8	119.6#
141	488.2	60.8	91.2#

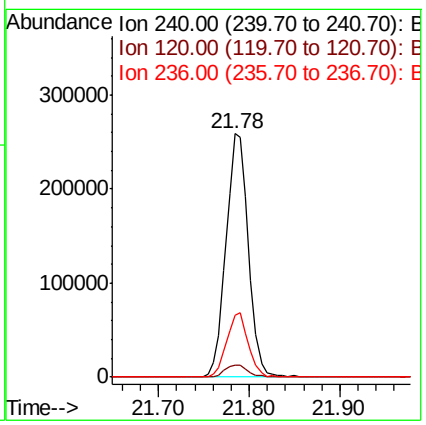


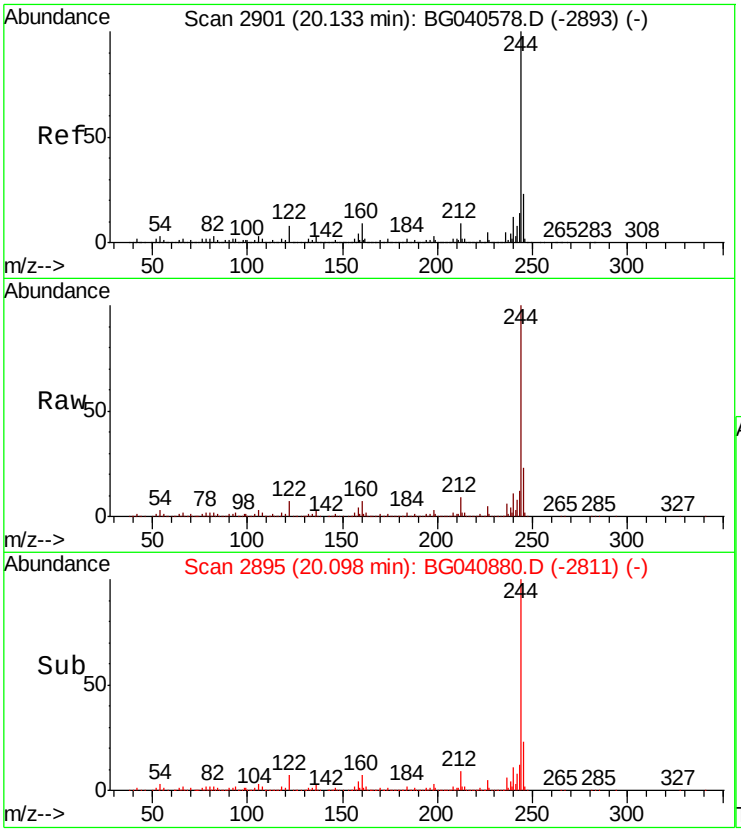


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:240 Resp: 444901

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.0	7.6#
236	25.5	20.3	30.5



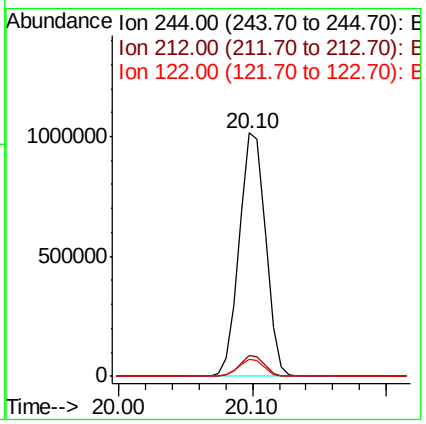


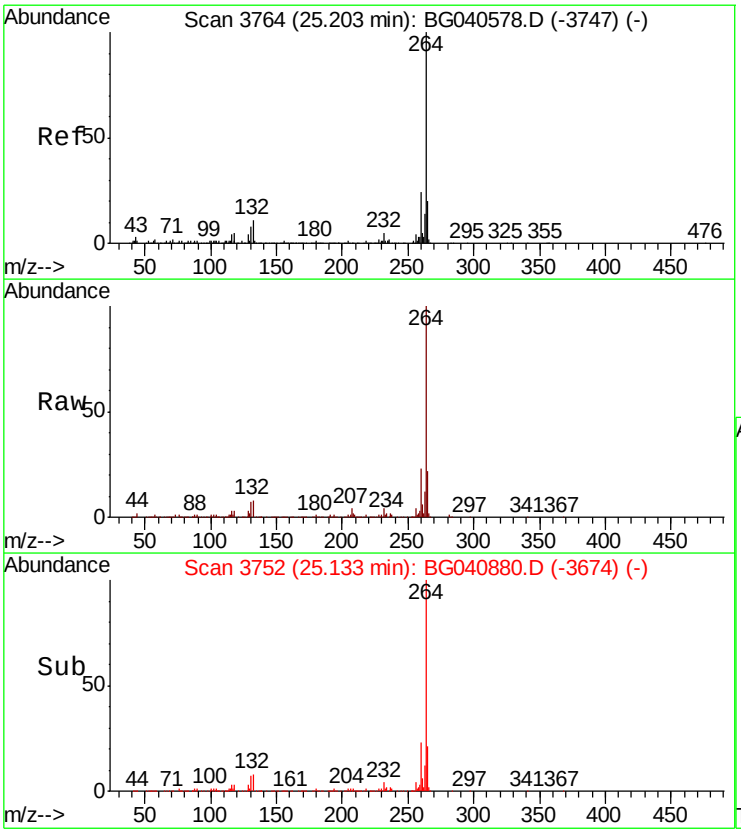
#79
Terphenyl-d14
Concen: 68.815 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion:244 Resp: 1381941

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:264 Resp: 461336

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	16.6	25.0