Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
Data File : BG040152.D
Acq On : 26 Mar 2019 18:17
Operator : JU/SJ
Sample : K2081-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3A(2-10)COMP

Quant Time: Mar 27 01:23:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34920	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	142456	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	99596	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	252893	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	258229	20.00	ng	-0.03
87) Perylene-d12	25.15	264	245167	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	264677	129.31	ng	-0.02
7) Phenol-d6	7.28	99	337457	110.57	ng	-0.03
23) Nitrobenzene-d5	9.32	82	256829	97.51	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	158475	136.51	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	629235	89.96	ng	-0.03
79) Terphenyl-d14	20.10	244	1113897	94.98	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	5610	5.937	ng	# 1
19) n-Nitroso-di-n-propylamine	9.31	70	34363	15.642	ng	# 66
51) 2,6-Dinitrotoluene	14.76	165	12855	7.281	ng	# 23
57) 2,4-Dinitrotoluene	14.76	165	12855	5.182	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	11619	4.105	ng	# 1
77) Benzidine	20.10	184	19330	2.359	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
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Misc :
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Instrument :
BNA_G
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S3A(2-10)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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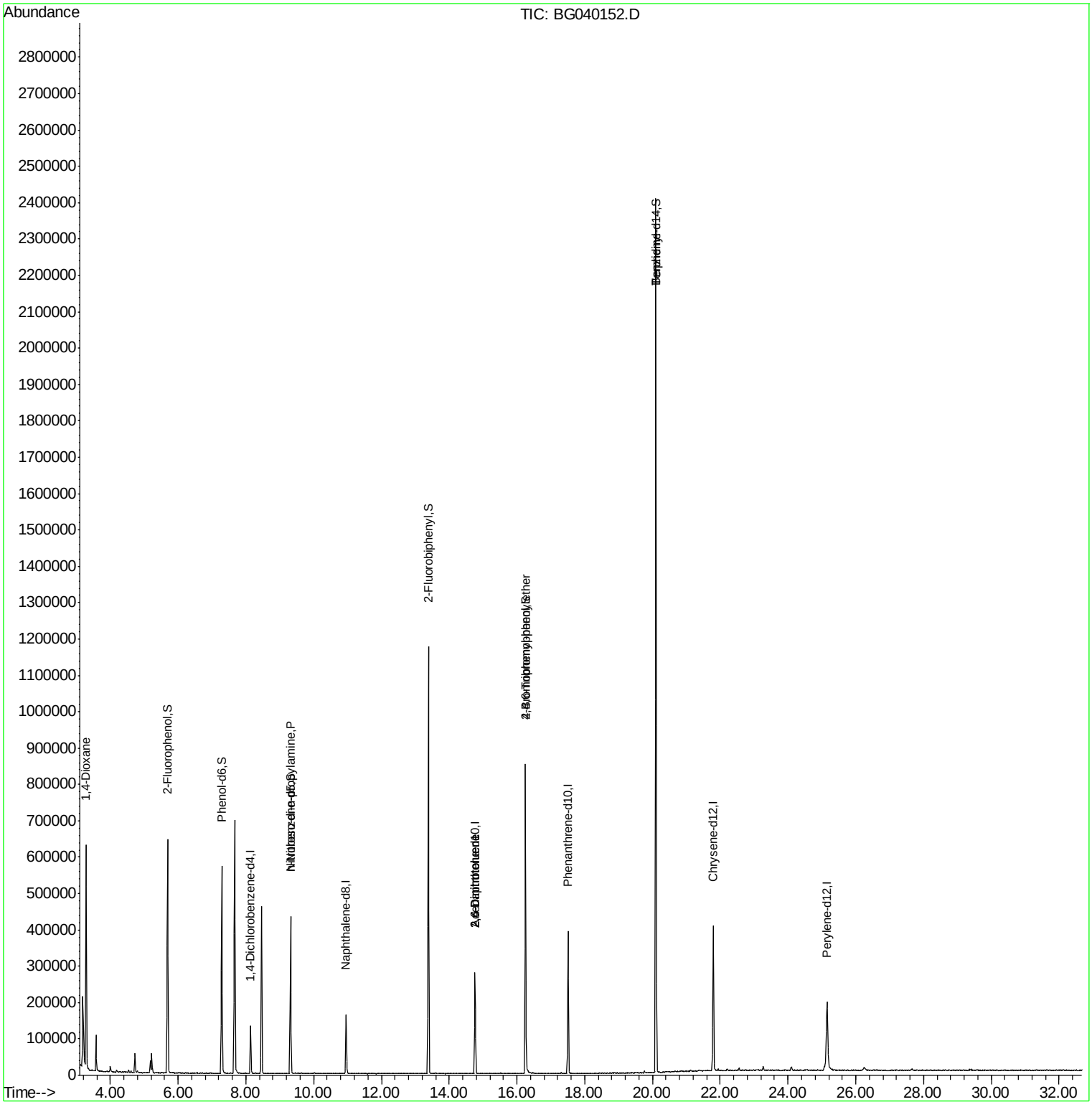
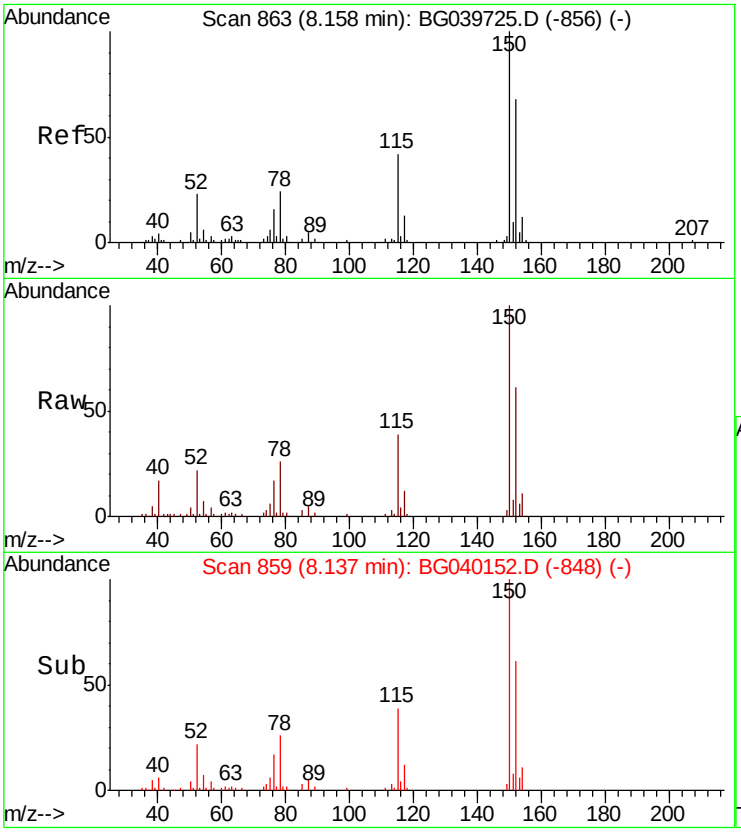


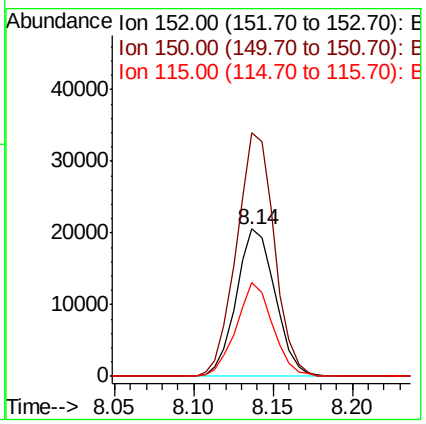


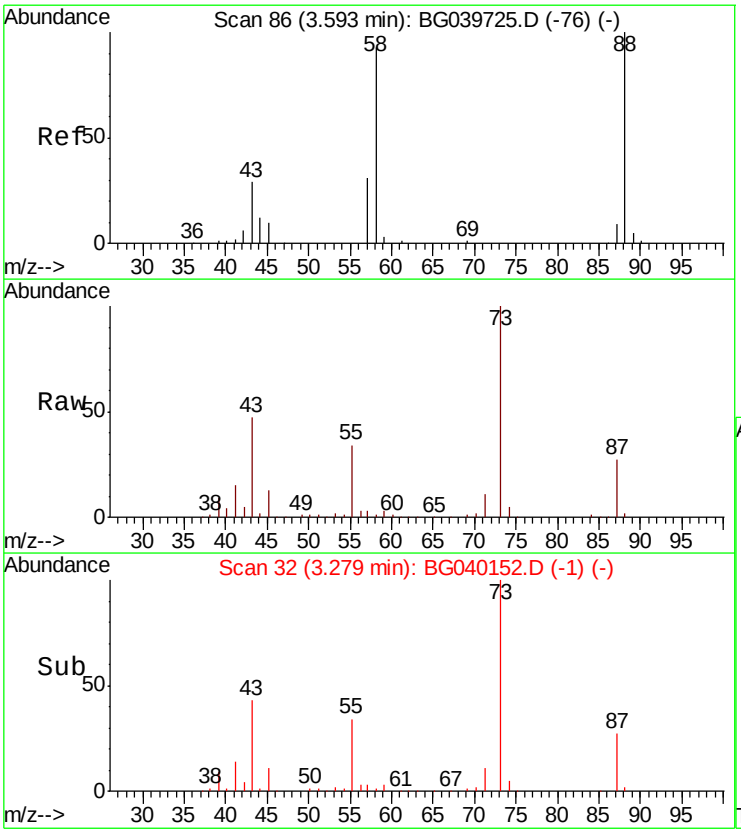
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:152 Resp: 34920

Ion	Ratio	Lower	Upper
152	100		
150	165.1	123.7	185.5
115	63.9	45.9	68.9

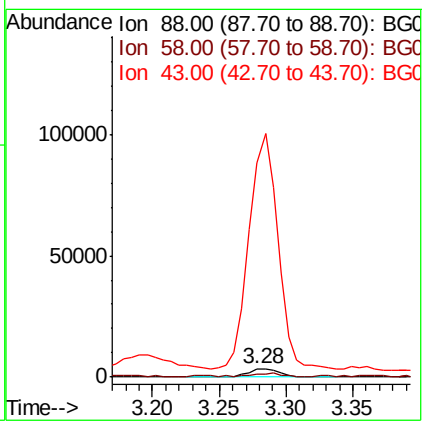


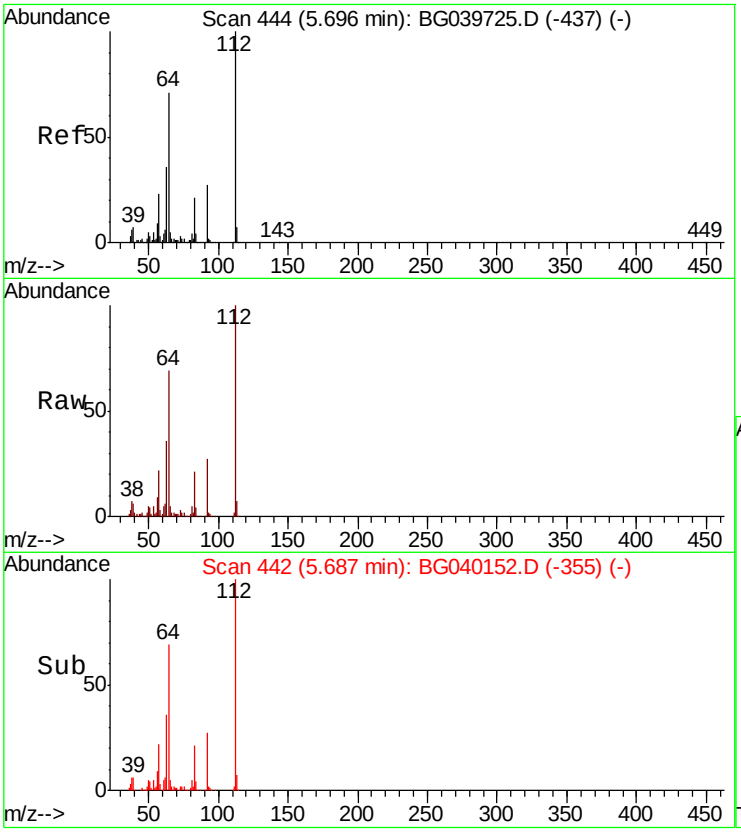


#2
1,4-Dioxane
Concen: 5.937 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.33 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion: 88 Resp: 5610

Ion	Ratio	Lower	Upper
88	100		
58	41.9	81.1	121.7#
43	2587.6	31.4	47.0#



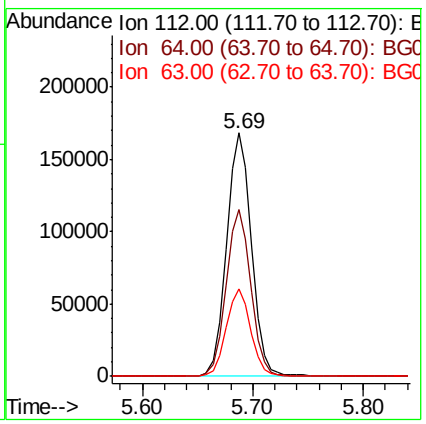


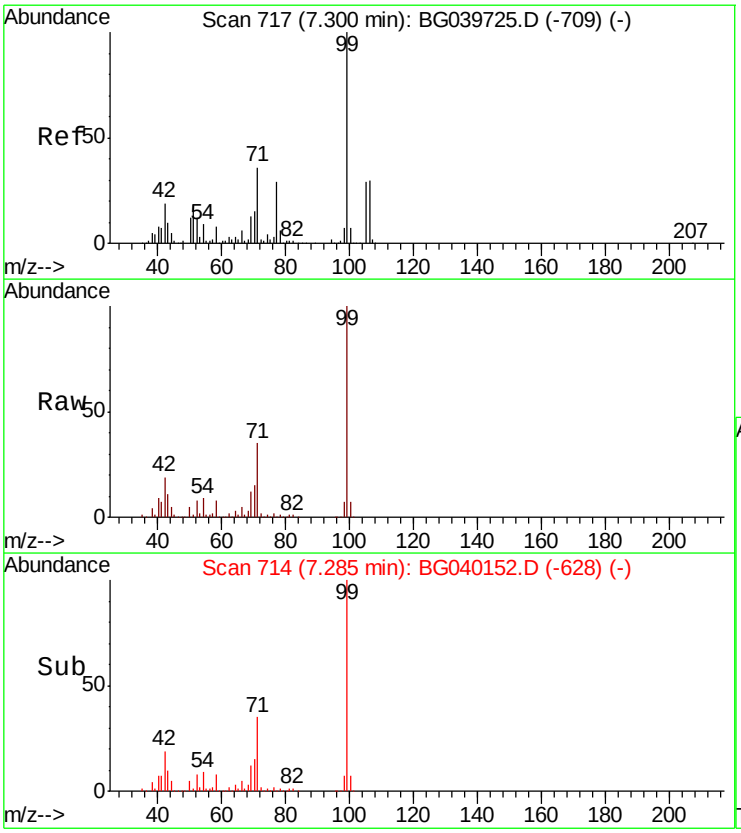
#5
2-Fluorophenol
Concen: 129.307 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:112 Resp: 264677

Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.8	86.8
63	35.8	29.8	44.6

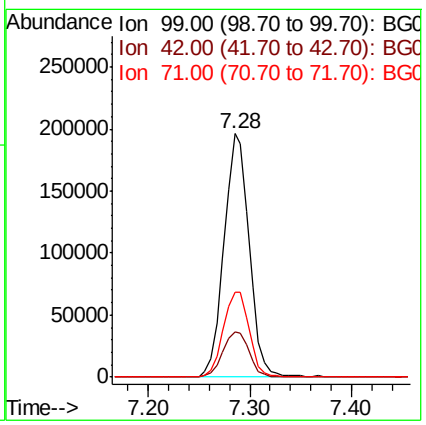


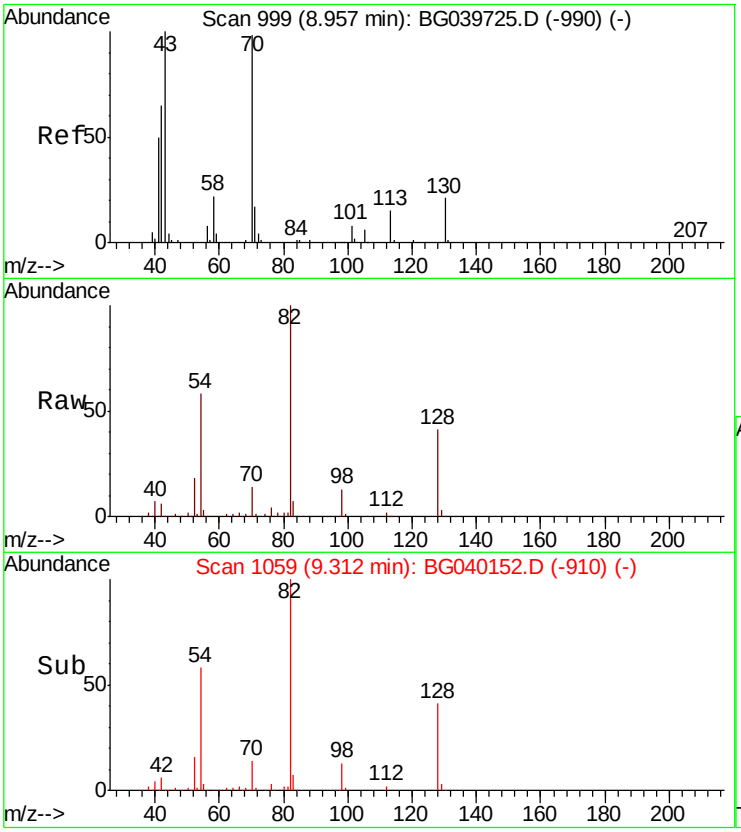


#7
Phenol-d6
Concen: 110.568 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion: 99 Resp: 337457

Ion	Ratio	Lower	Upper
99	100		
42	18.6	18.2	27.2
71	34.7	28.0	42.0



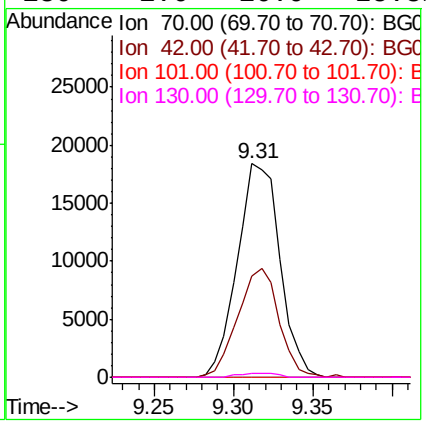


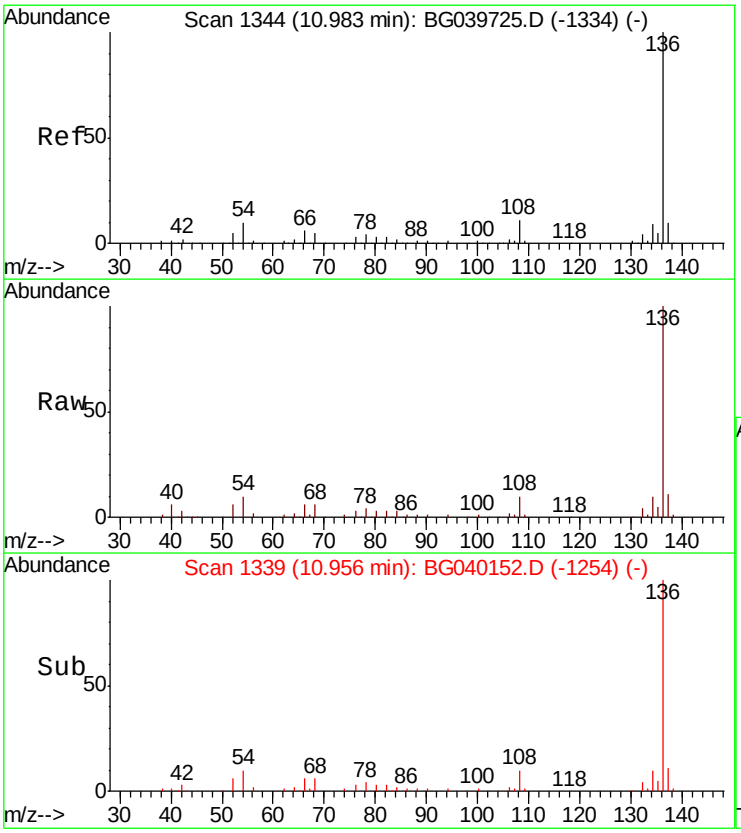
#19
n-Nitroso-di-n-propylamine
Concen: 15.642 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion: 70 Resp: 34363

Ion	Ratio	Lower	Upper
70	100		
42	47.4	60.4	90.6#
101	0.0	7.5	11.3#
130	1.6	16.9	25.3#

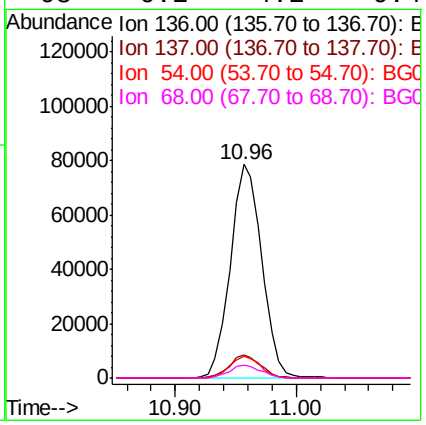


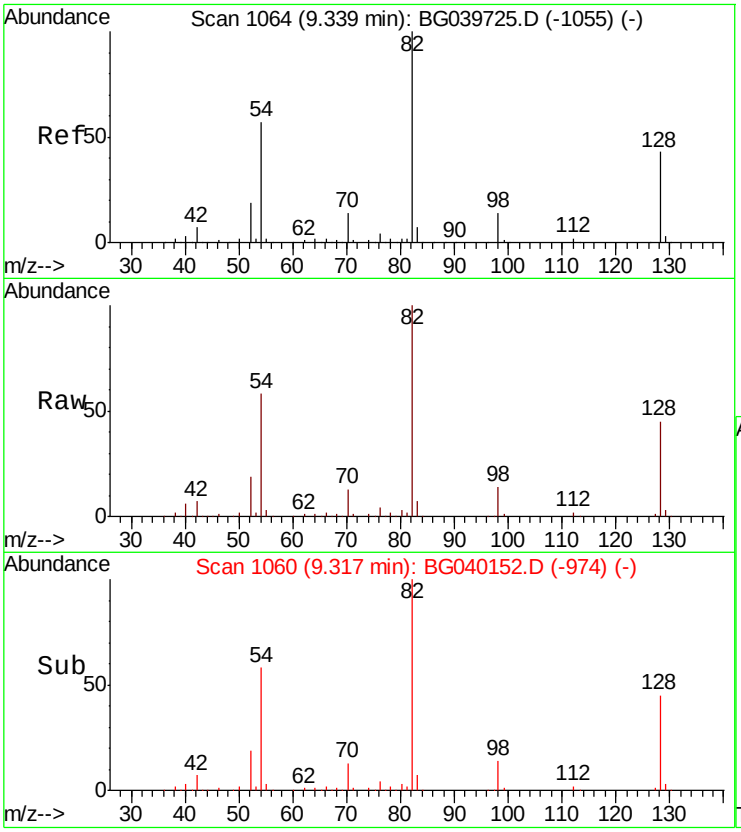


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:136 Resp: 142456

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.9	9.4	14.2
68	6.2	4.2	6.4



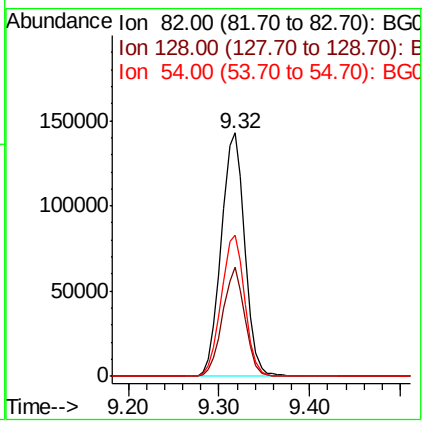


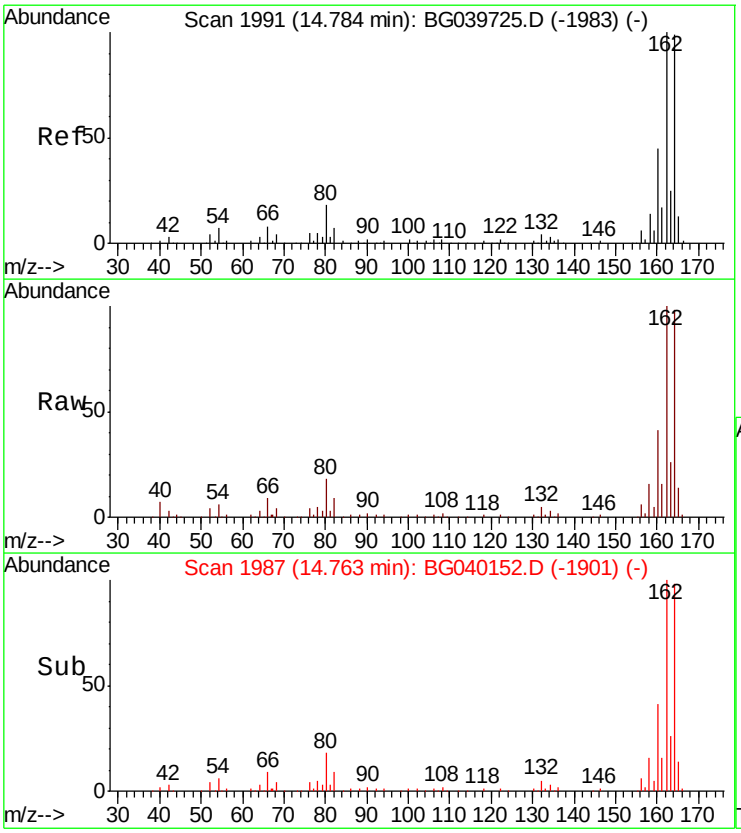
#23
Nitrobenzene-d5
Concen: 97.506 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion: 82 Resp: 256829

Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.3	46.9
54	57.8	50.9	76.3

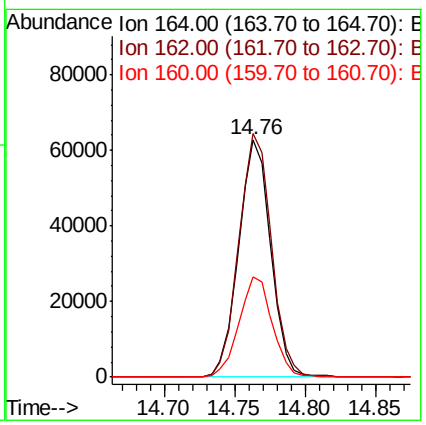


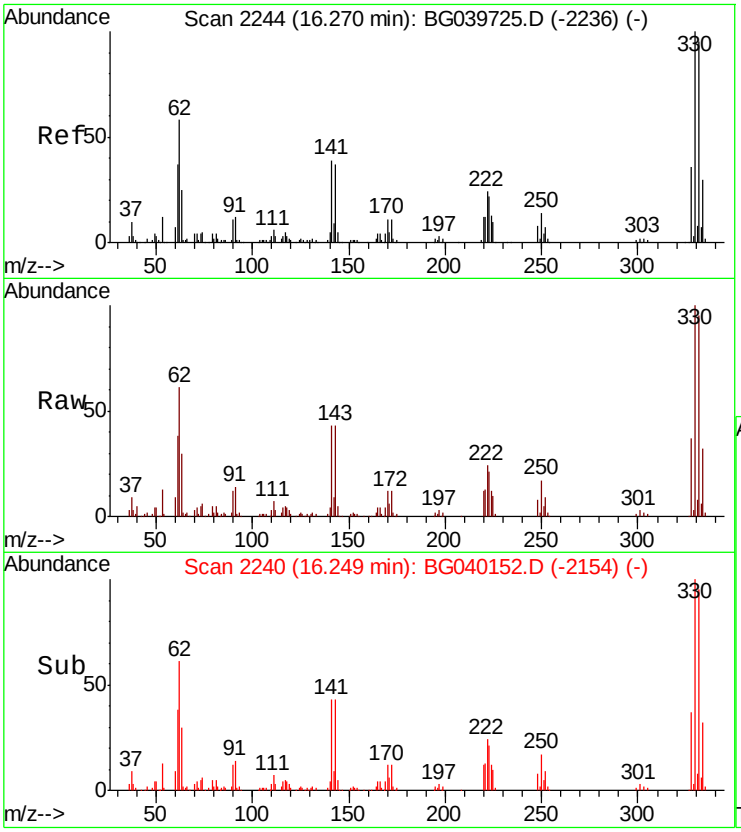


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:164 Resp: 99596

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.6	122.4
160	41.9	34.2	51.2



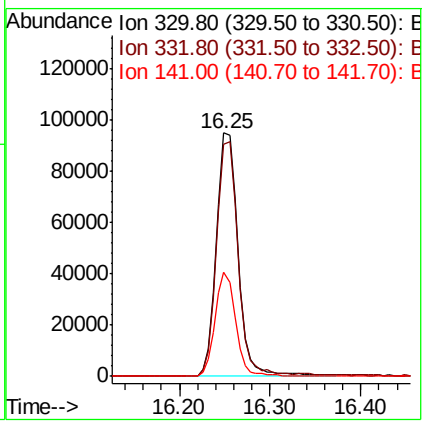


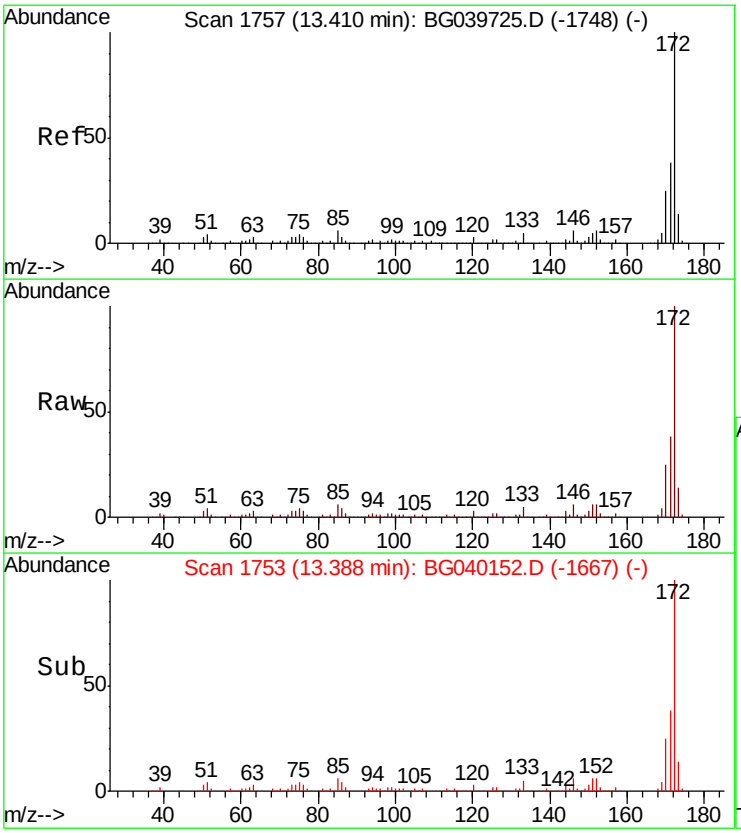
#42
2,4,6-Tribromophenol
Concen: 136.515 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:330 Resp: 158475

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	40.5	35.6	53.4

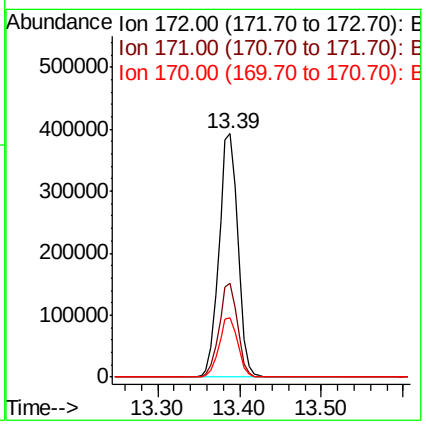


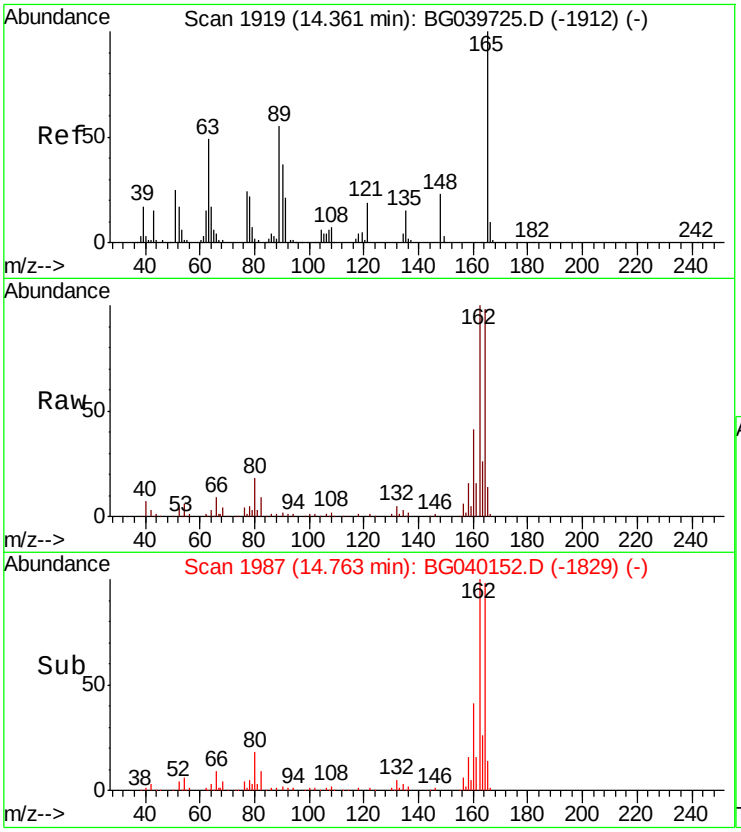


#45
2-Fluorobiphenyl
Concen: 89.956 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:172 Resp: 629235

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	24.6	20.2	30.4



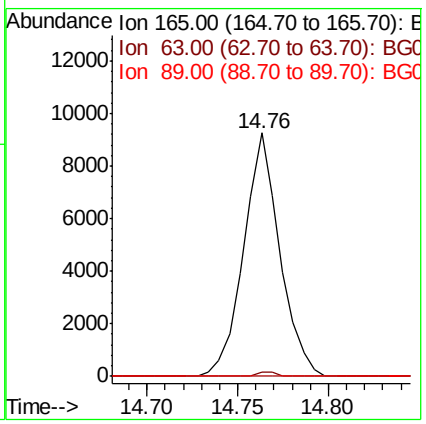


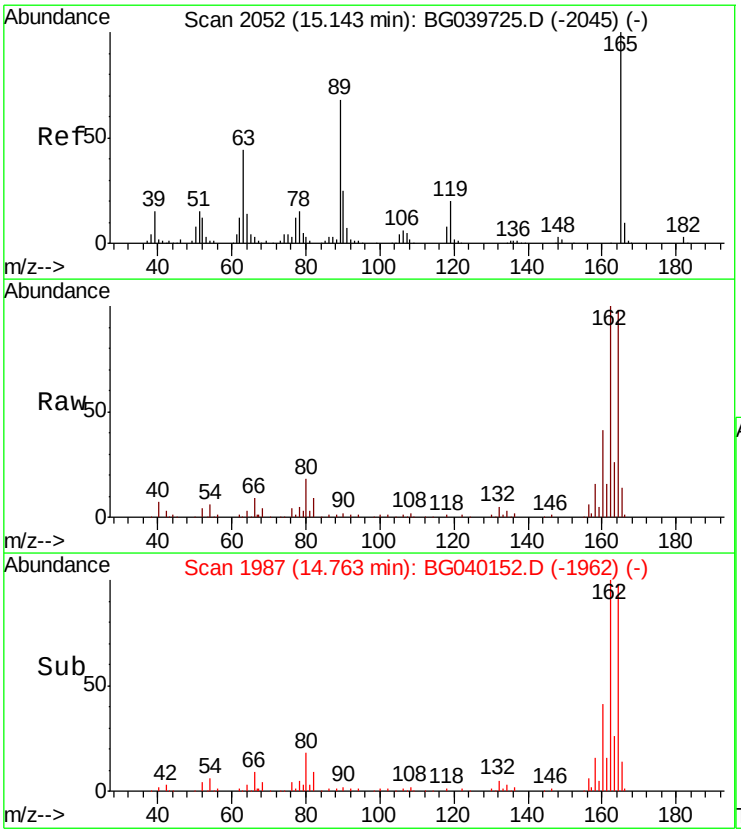
#51
2,6-Dinitrotoluene
Concen: 7.281 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.40 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:165 Resp: 12855

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	0.0	45.8	68.8#

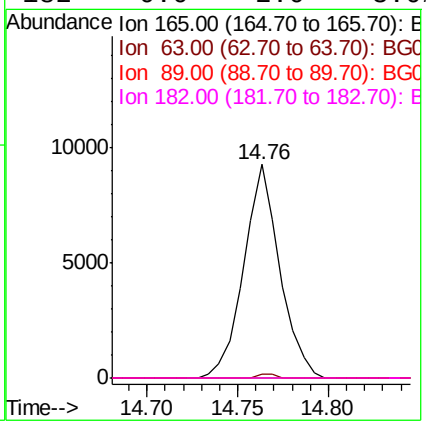


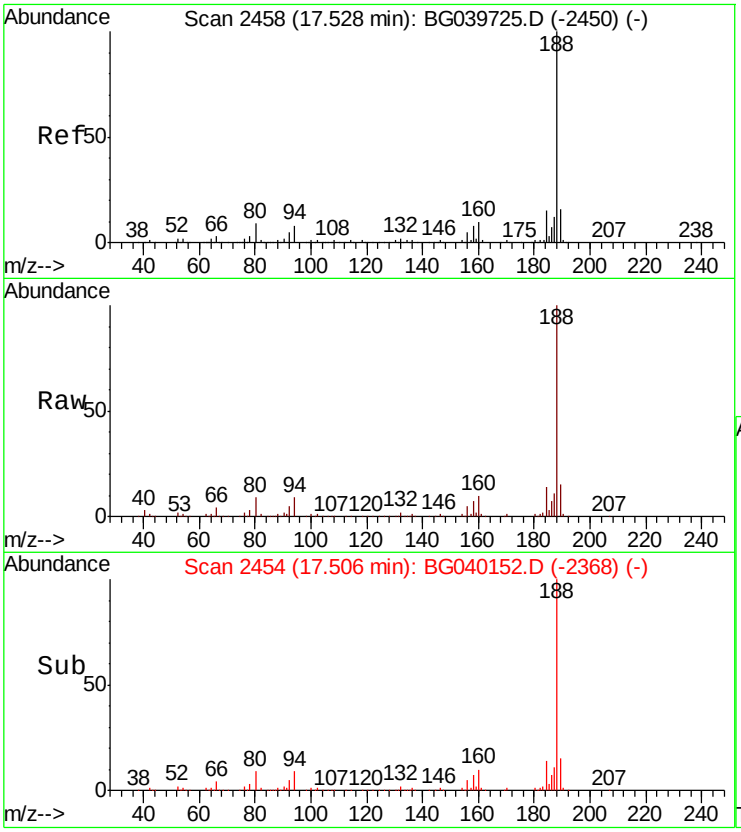


#57
2,4-Dinitrotoluene
Concen: 5.182 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:165 Resp: 12855

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



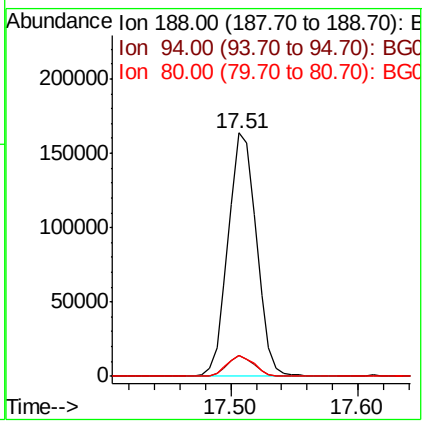


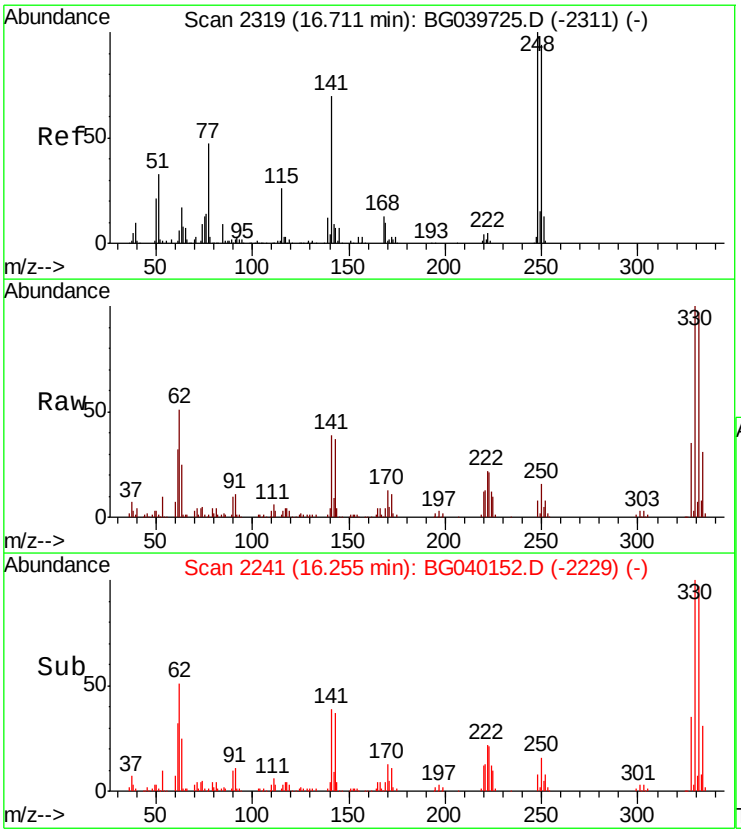
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:188 Resp: 252893

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	8.5	8.1	12.1

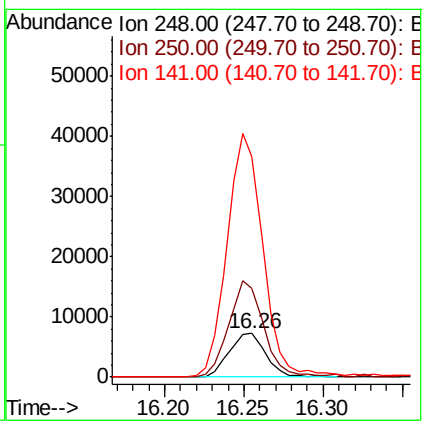


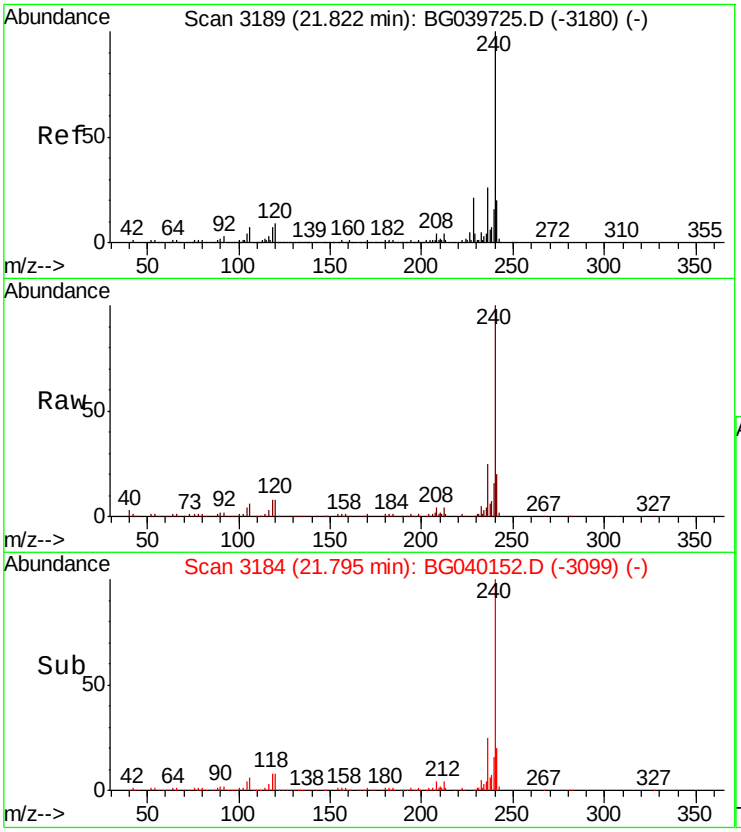


#67
4-Bromophenyl-phenylether
Concen: 4.105 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:248 Resp: 11619

Ion	Ratio	Lower	Upper
248	100		
250	205.2	77.6	116.4#
141	508.5	63.9	95.9#



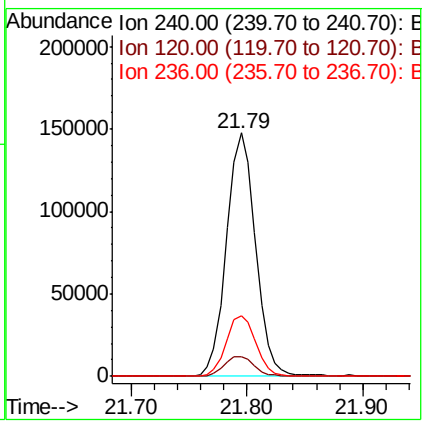


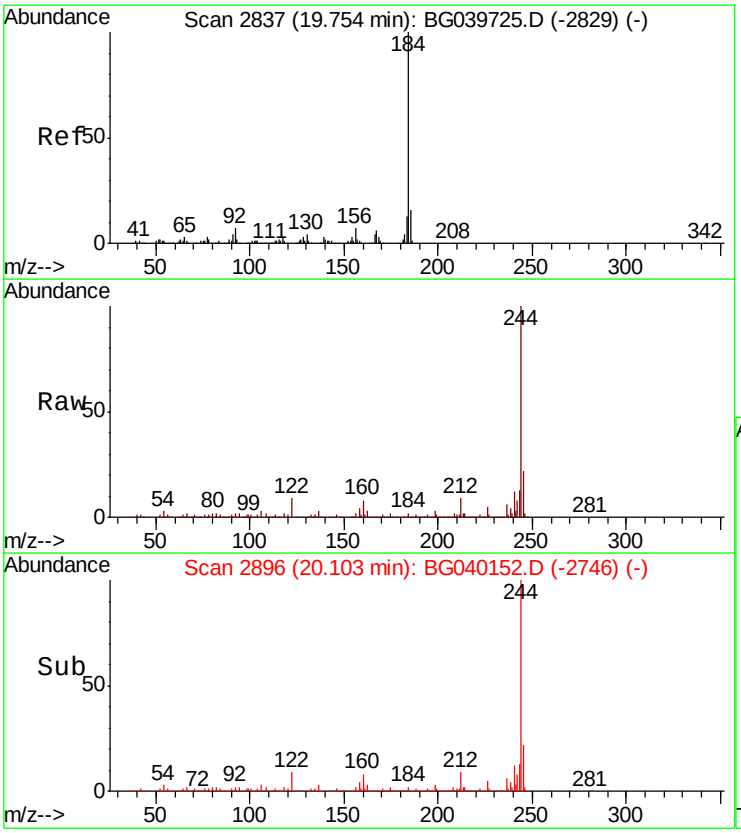
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:240 Resp: 258229

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	24.7	21.0	31.4

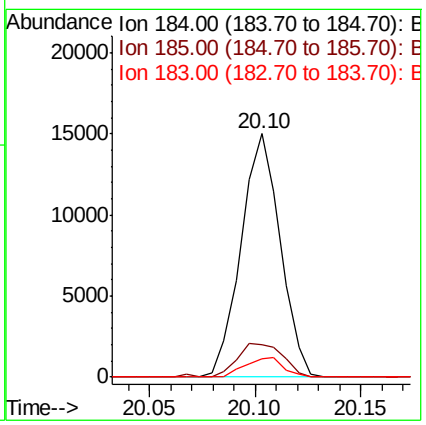


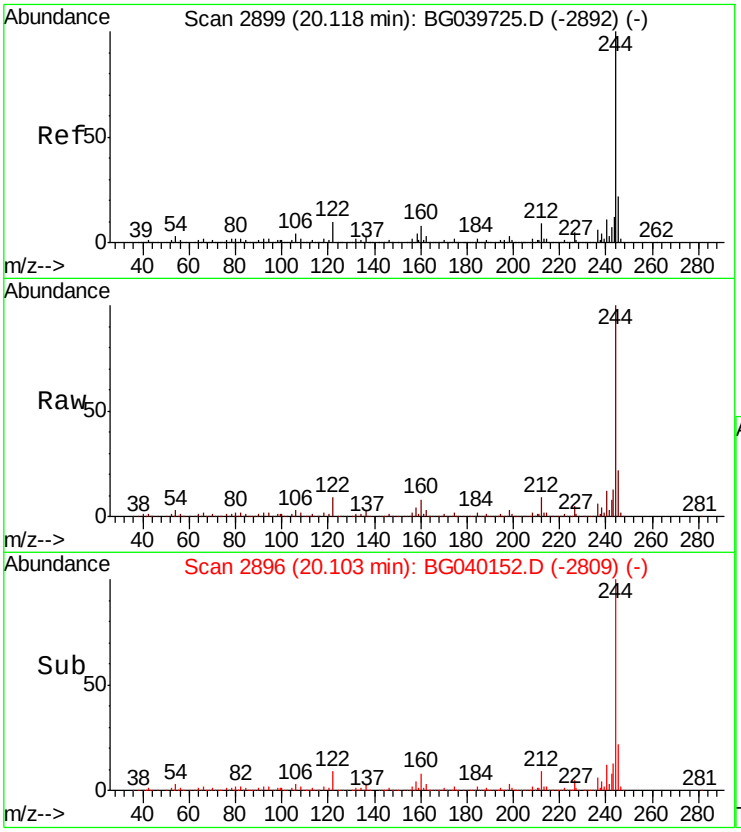


#77
Benzidine
Concen: 2.359 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:184 Resp: 19330

Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.2	18.2
183	7.7	10.6	15.8#



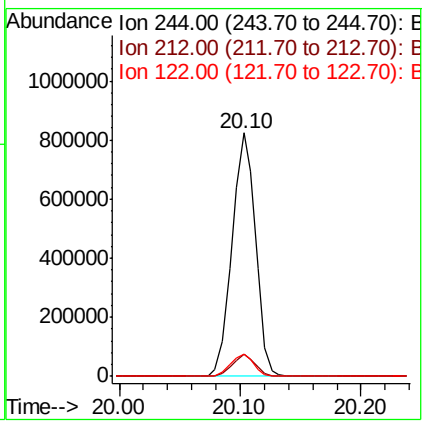


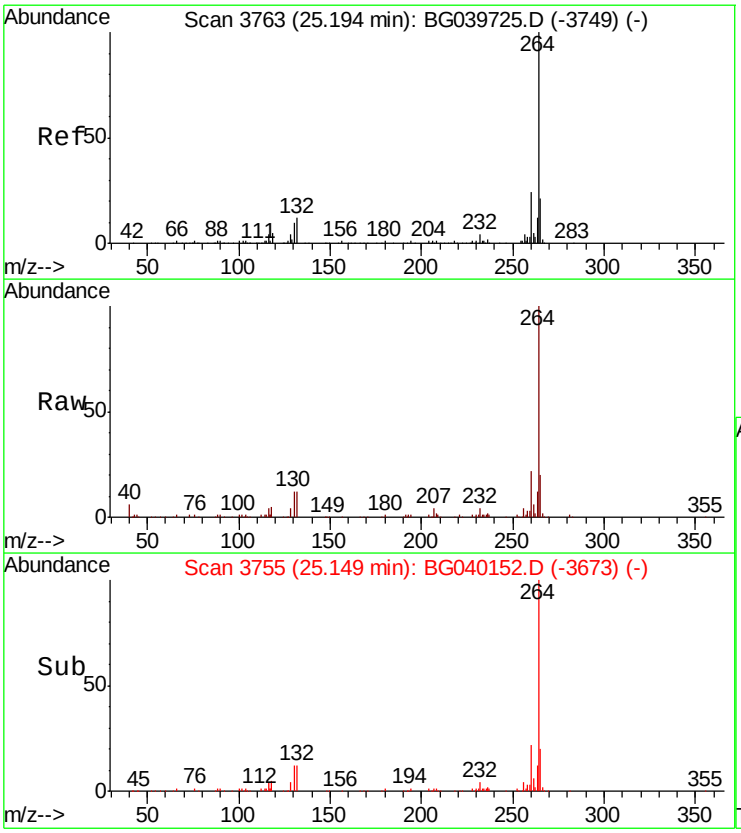
#79
Terphenyl-d14
Concen: 94.977 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:244 Resp: 1113897

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040152.D
Acq: 26 Mar 2019 18:17

Tgt Ion:264 Resp: 245167

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	19.7	18.5	27.7