Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
Data File : BG039850.D
Acq On : 11 Mar 2019 20:28
Operator : JU/SJ
Sample : K1837-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-11-COMP

Quant Time: Mar 12 03:38:17 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	8.16	152	38393	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	165227	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	116232	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	299035	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	316617	20.00	ng		-0.02
87) Perylene-d12	25.18	264	312604	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	342108	152.02	ng		-0.01
7) Phenol-d6	7.30	99	502035	149.61	ng		-0.01
23) Nitrobenzene-d5	9.33	82	297767	97.47	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	211105	155.82	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	721467	88.38	ng		-0.01
79) Terphenyl-d14	20.12	244	1185282	82.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.33	94	22009	6.054	ng		95
19) n-Nitroso-di-n-propylamine	9.33	70	38329	15.870	ng	#	69
50) Dimethylphthalate	14.22	163	51742	5.324	ng		99
57) 2,4-Dinitrotoluene	14.78	165	15406	5.321	ng	#	19
67) 4-Bromophenyl-phenylether	16.26	248	15903	4.751	ng	#	1
77) Benzidine	20.12	184	21510	2.141	ng	#	92

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

Quantitation Report (Not Reviewed)

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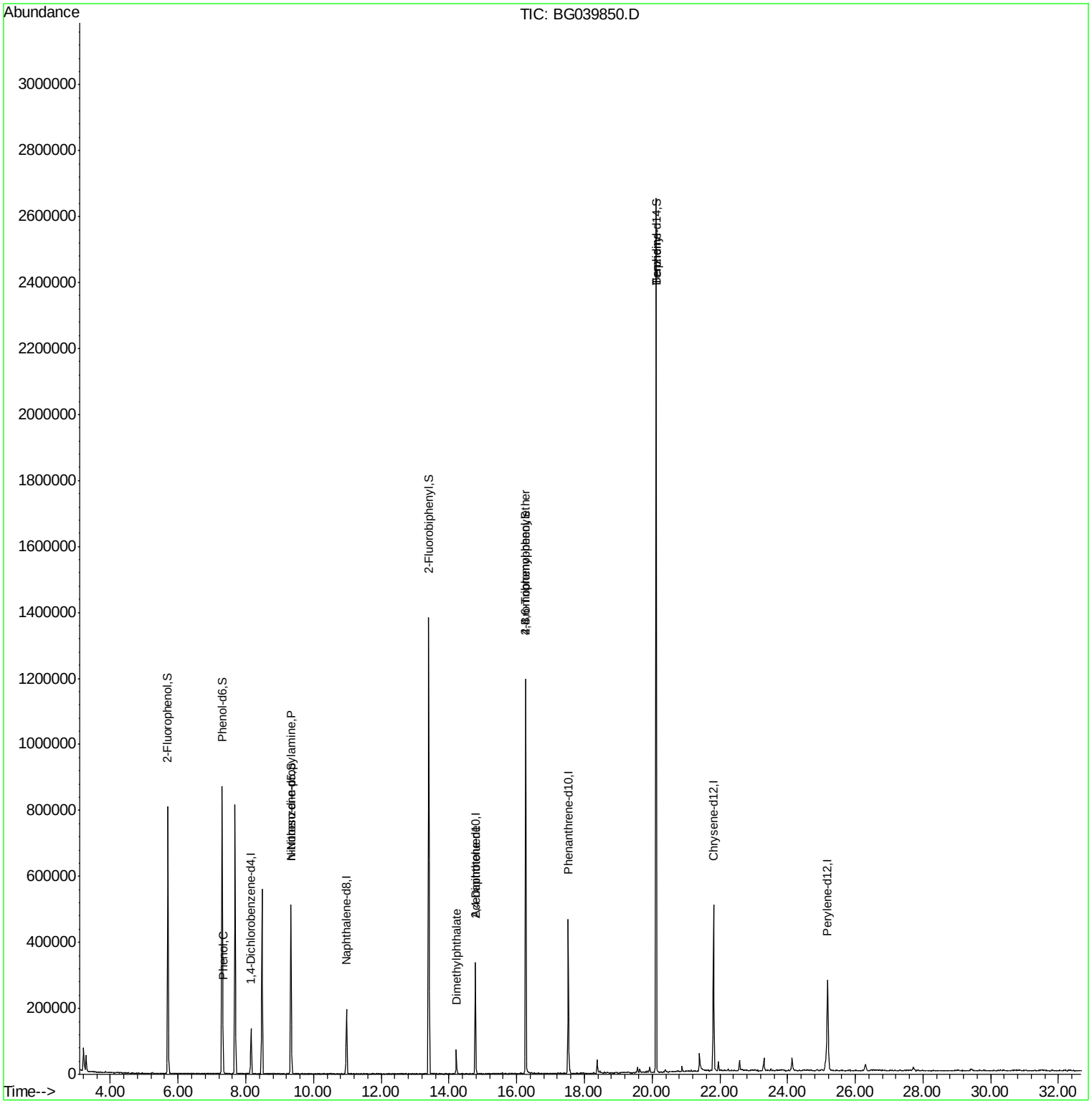
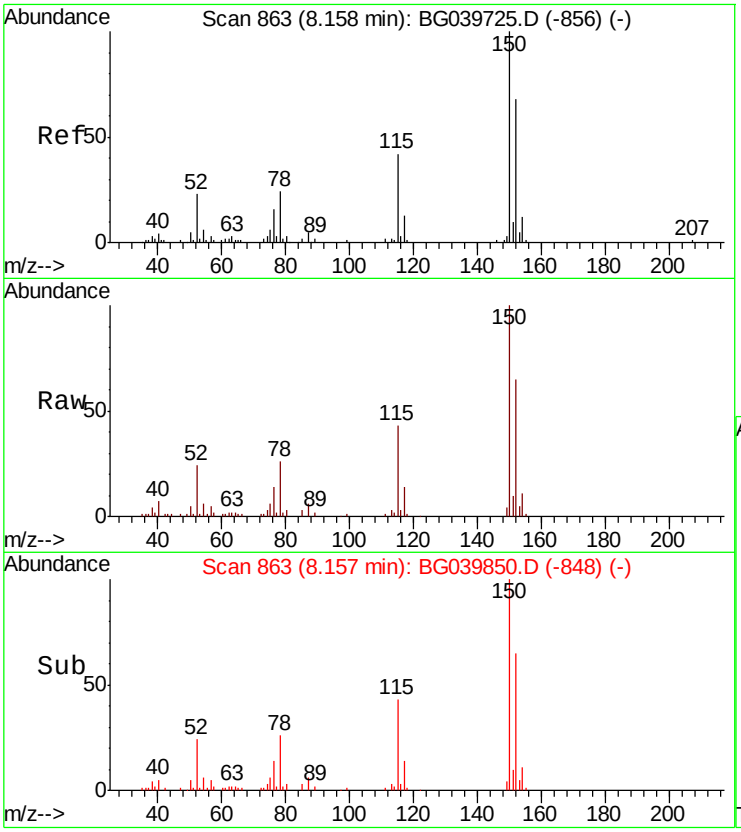


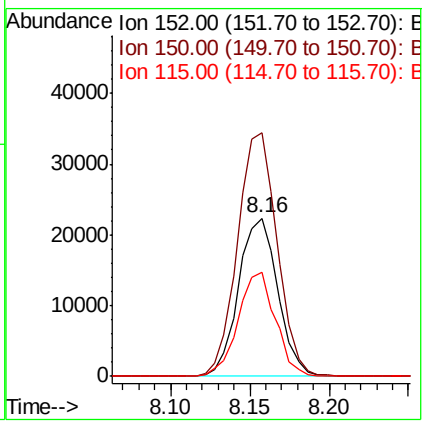


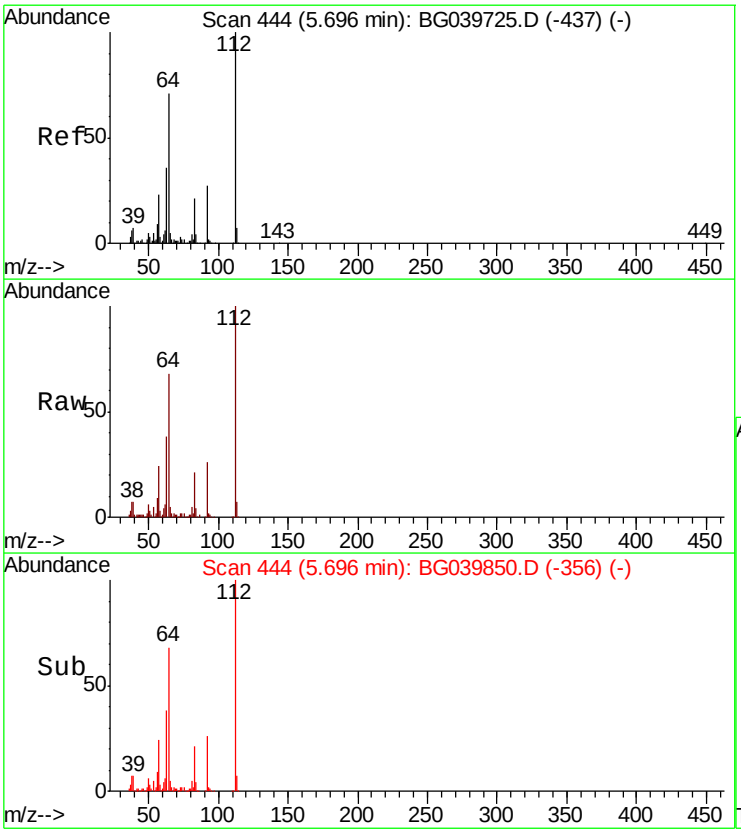
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion:152 Resp: 38393

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	65.6	45.9	68.9

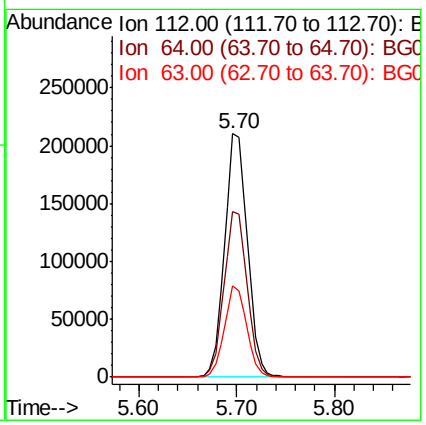


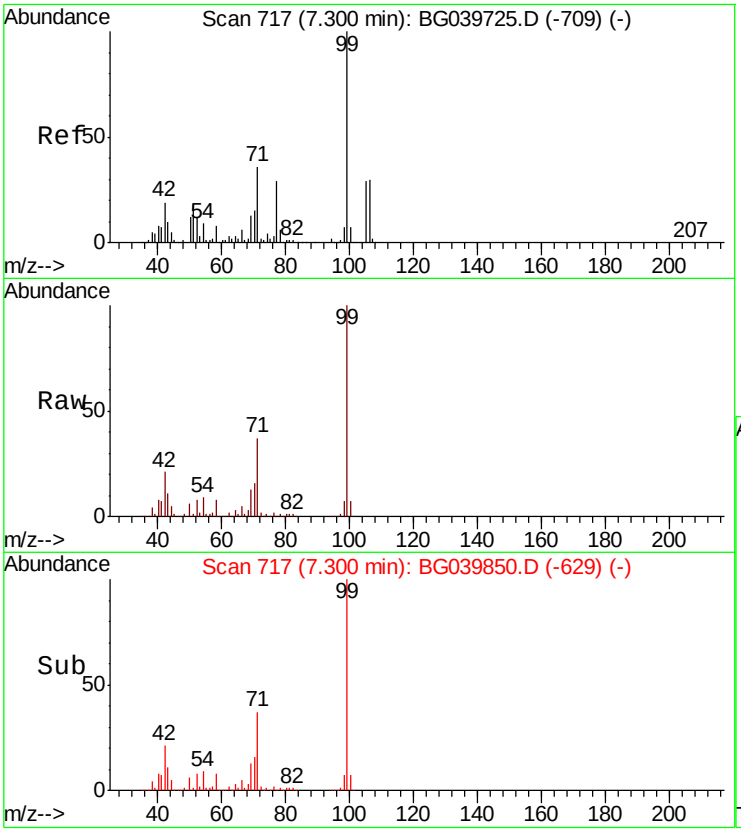


#5
2-Fluorophenol
Concen: 152.017 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:112 Resp: 342108

Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	37.5	29.8	44.6



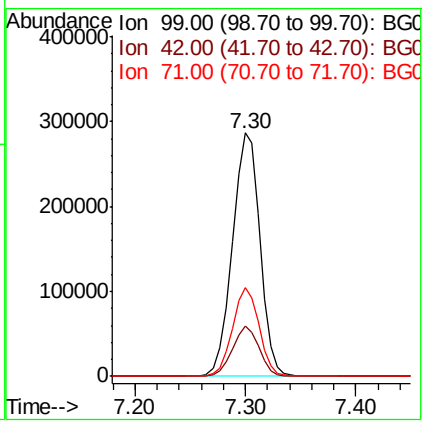


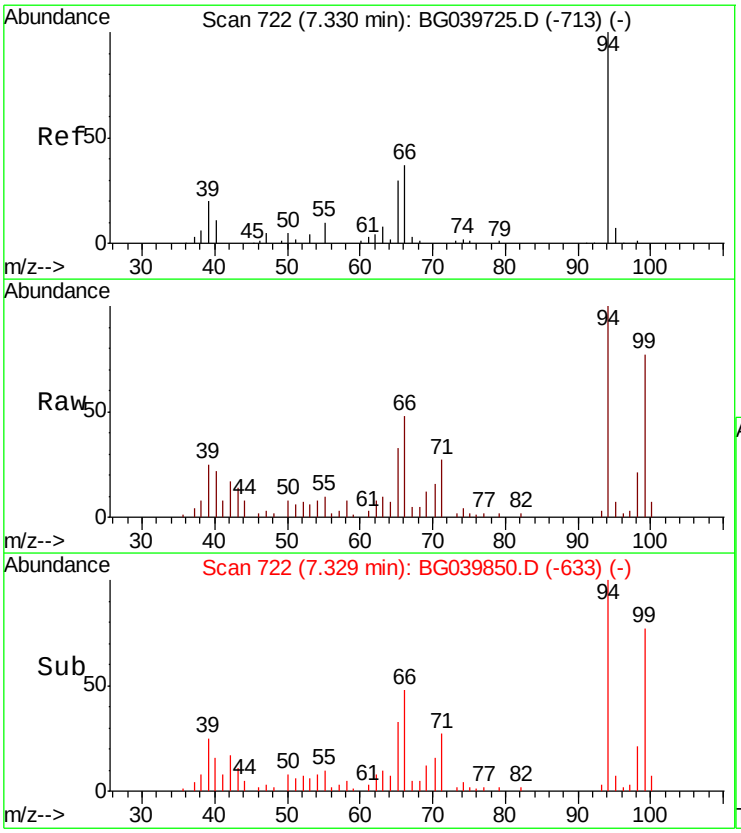
#7
Phenol-d6
Concen: 149.613 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion: 99 Resp: 502035

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	36.6	28.0	42.0

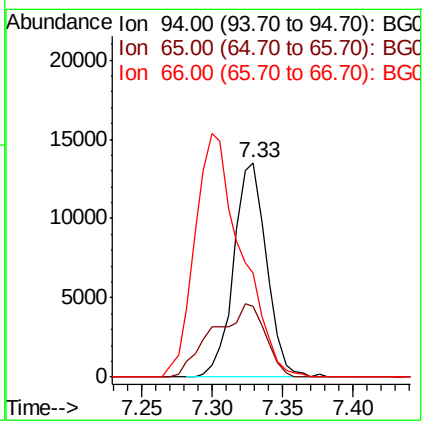


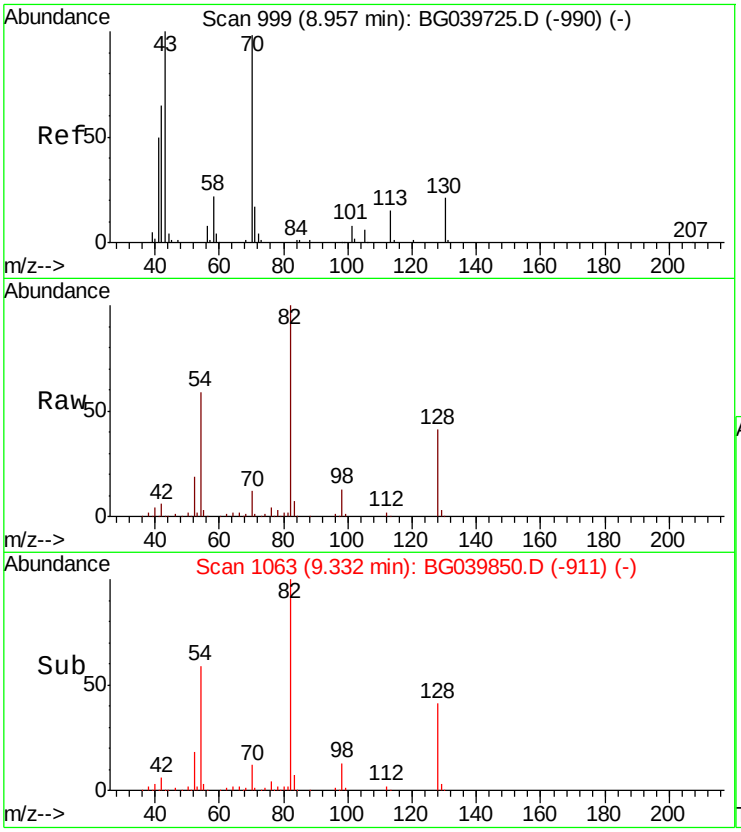


#10
Phenol
Concen: 6.054 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion: 94 Resp: 22009

Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	48.3	23.7	63.7



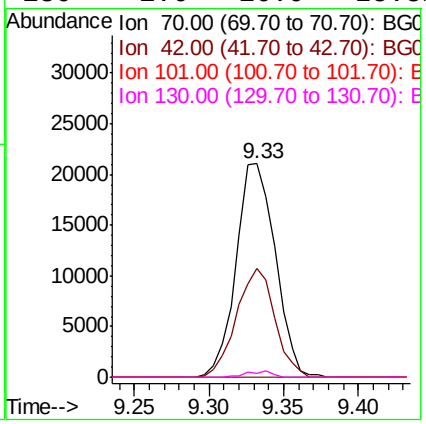


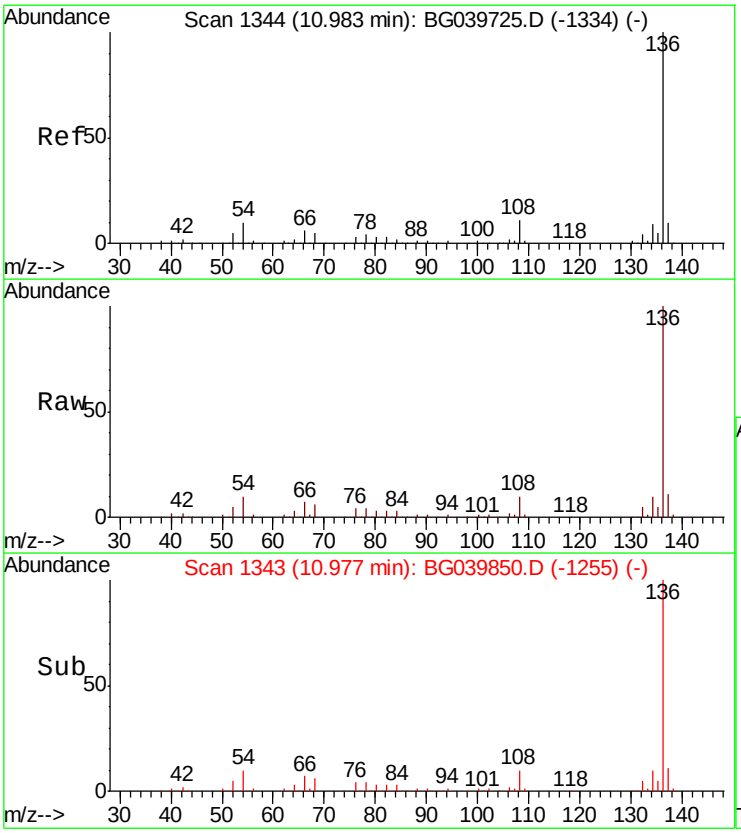
#19
n-Nitroso-di-n-propylamine
Concen: 15.870 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion: 70 Resp: 38329

Ion	Ratio	Lower	Upper
70	100		
42	50.8	60.4	90.6#
101	0.0	7.5	11.3#
130	1.6	16.9	25.3#

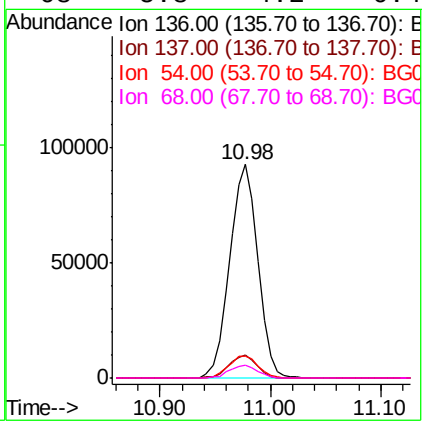


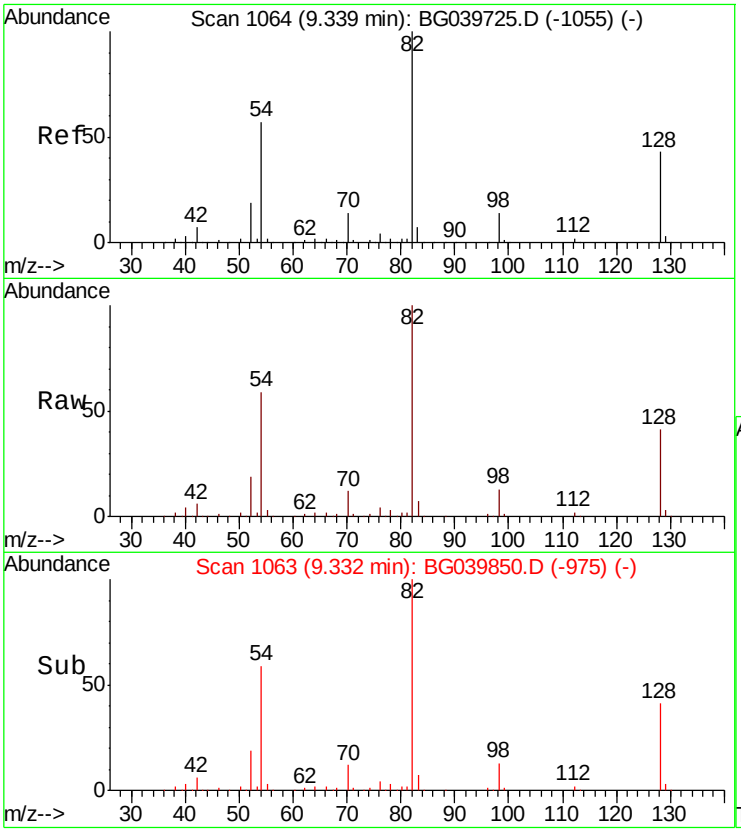


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:136 Resp: 165227

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	10.4	9.4	14.2
68	5.8	4.2	6.4



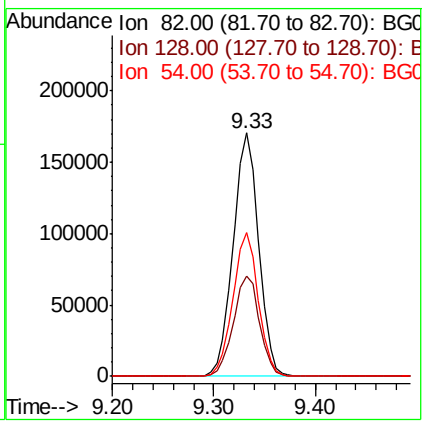


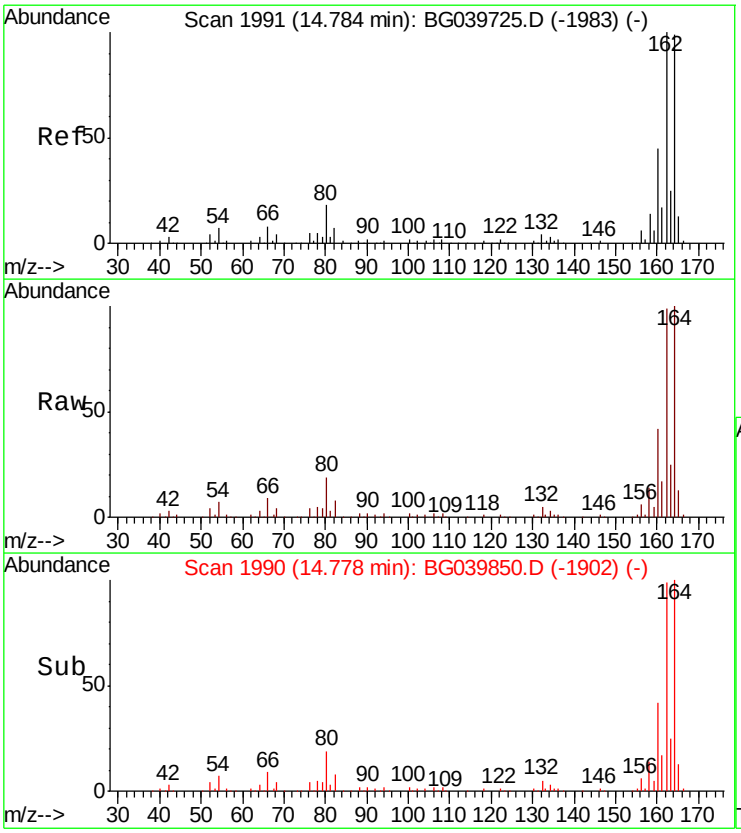
#23
Nitrobenzene-d5
Concen: 97.469 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion: 82 Resp: 297767

Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	59.0	50.9	76.3

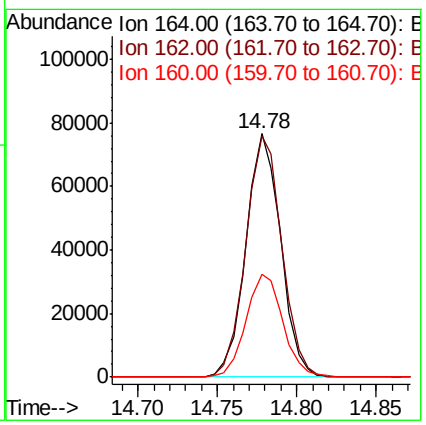


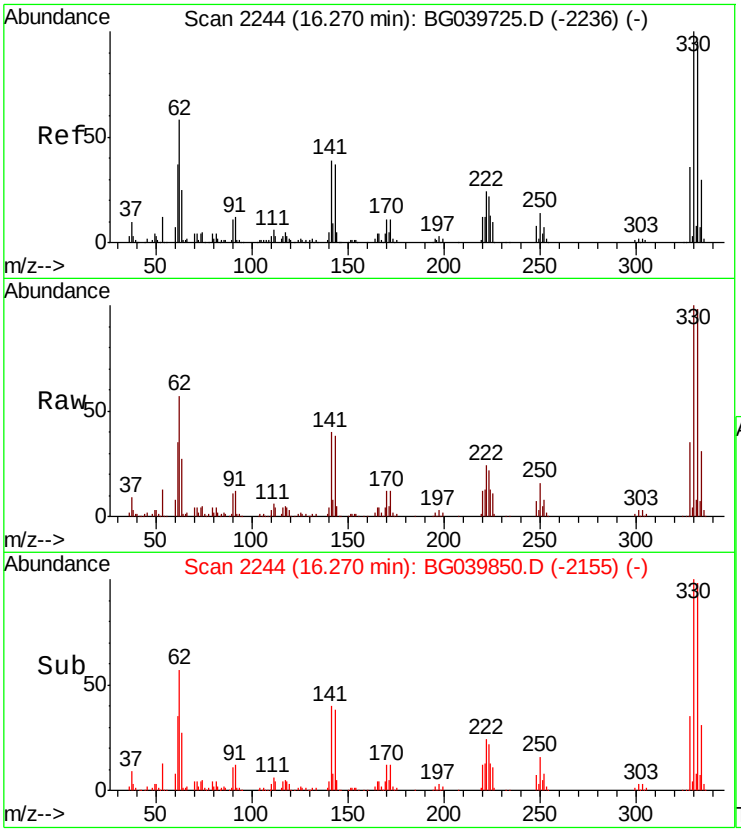


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:164 Resp: 116232

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.6	122.4
160	42.2	34.2	51.2



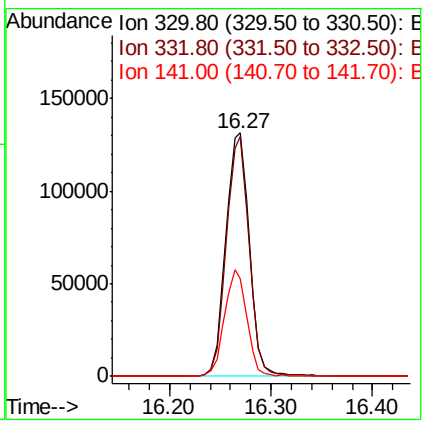


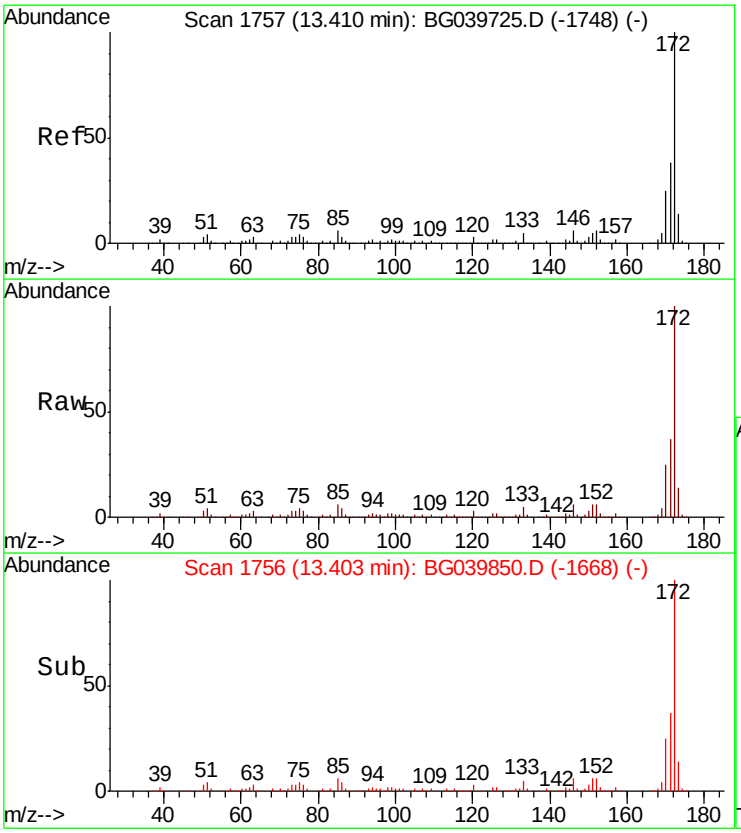
#42
2,4,6-Tribromophenol
Concen: 155.824 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion:330 Resp: 211105

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	41.4	35.6	53.4

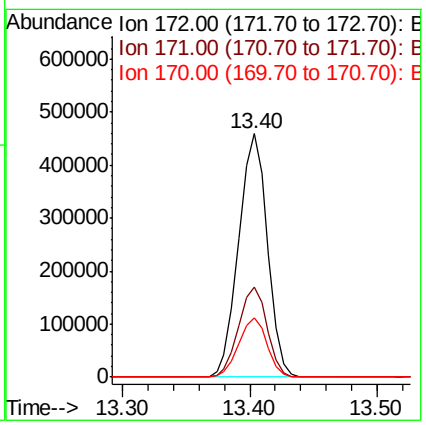


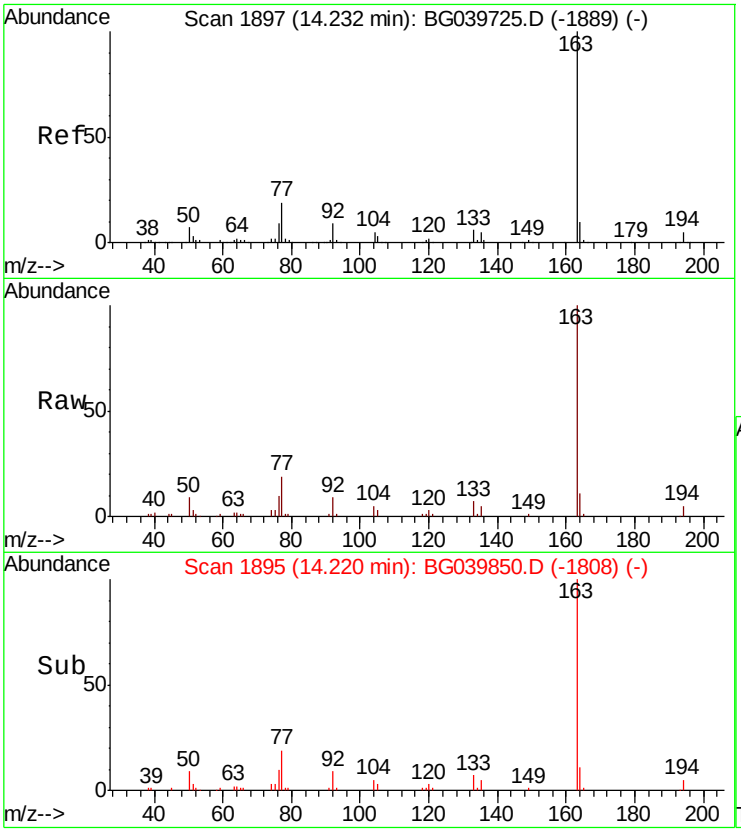


#45
2-Fluorobiphenyl
Concen: 88.379 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:172 Resp: 721467

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.6	20.2	30.4



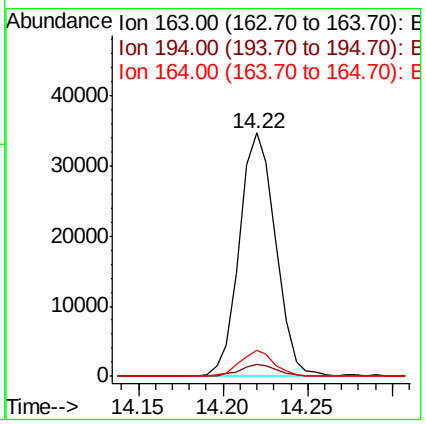


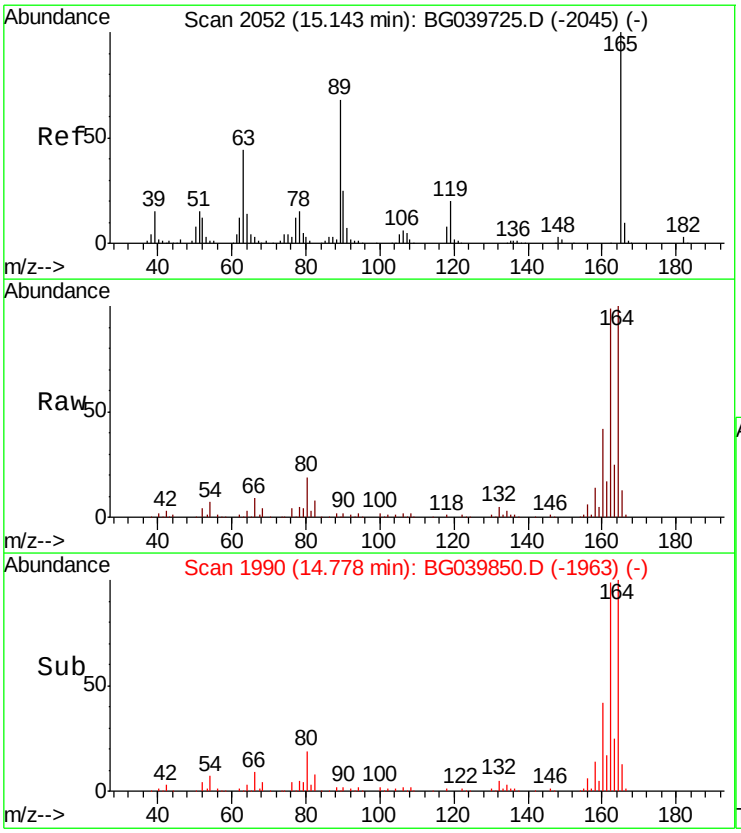
#50
Dimethylphthalate
Concen: 5.324 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion:163 Resp: 51742

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.9	8.4	12.6

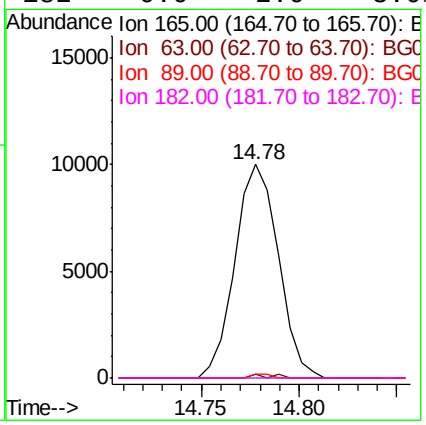


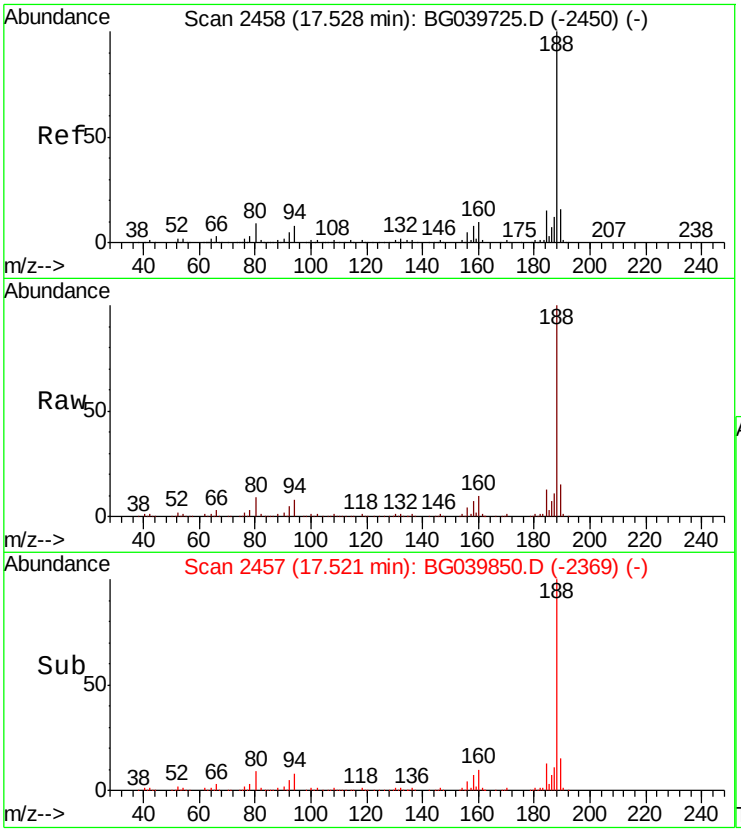


#57
2,4-Dinitrotoluene
Concen: 5.321 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:165 Resp: 15406

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.0	61.6#
89	1.6	64.6	96.8#
182	0.0	2.0	3.0#



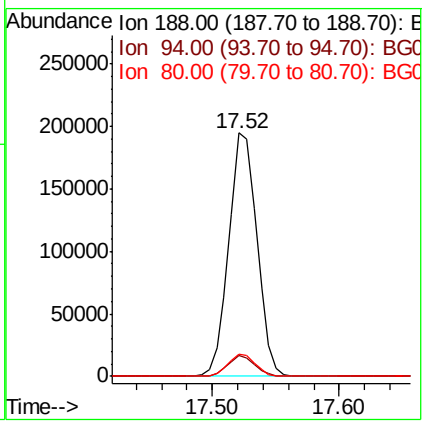


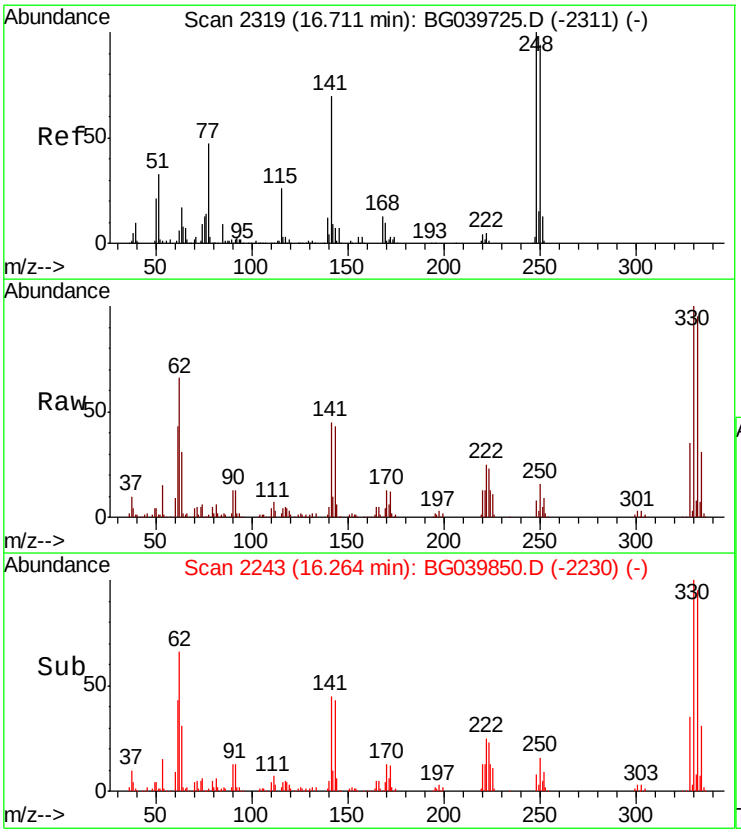
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion:188 Resp: 299035

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.2	8.1	12.1

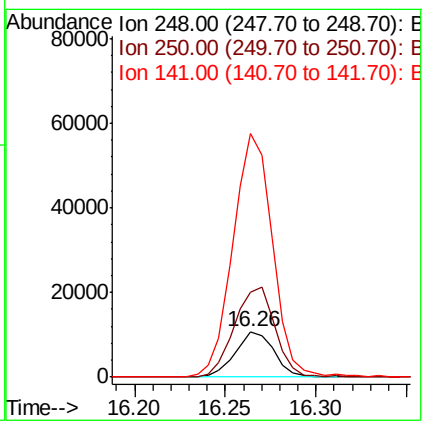


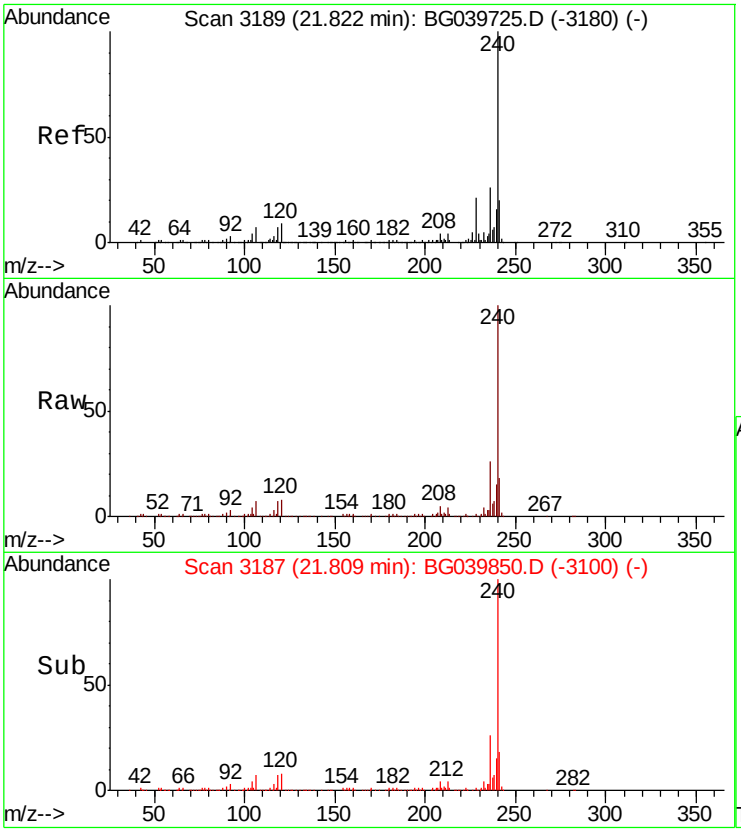


#67
4-Bromophenyl-phenylether
Concen: 4.751 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:248 Resp: 15903

Ion	Ratio	Lower	Upper
248	100		
250	187.8	77.6	116.4#
141	534.4	63.9	95.9#



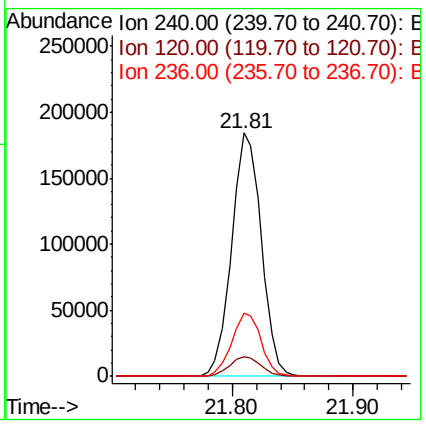


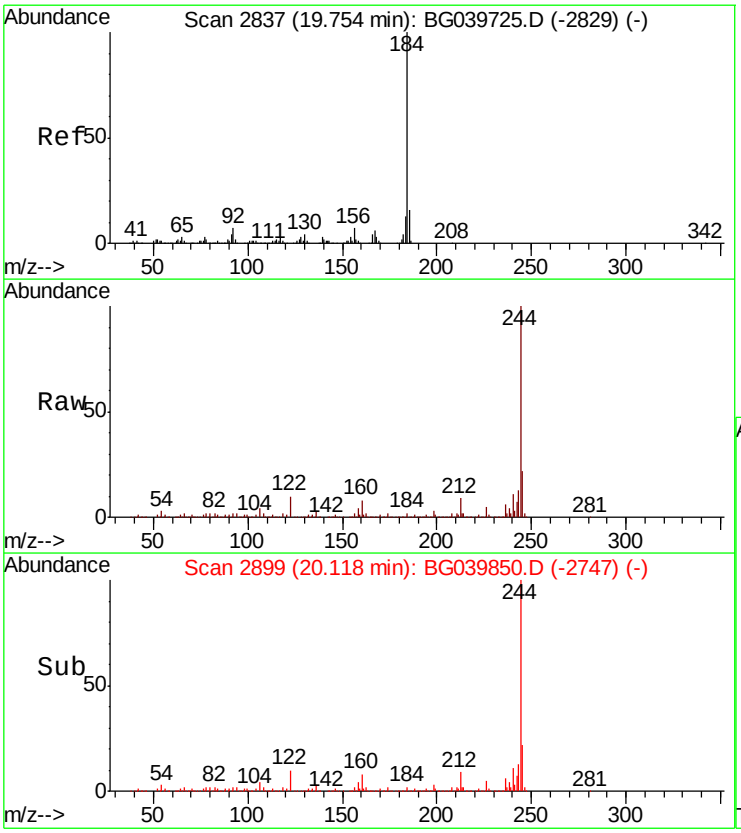
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion:240 Resp: 316617

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	26.1	21.0	31.4

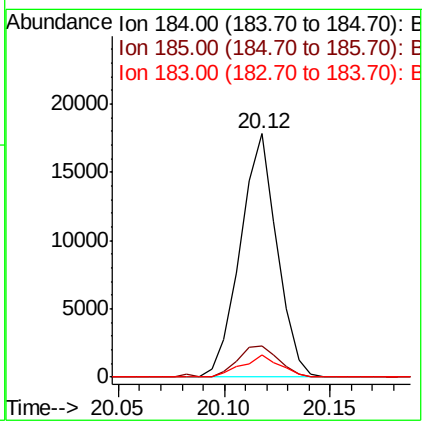


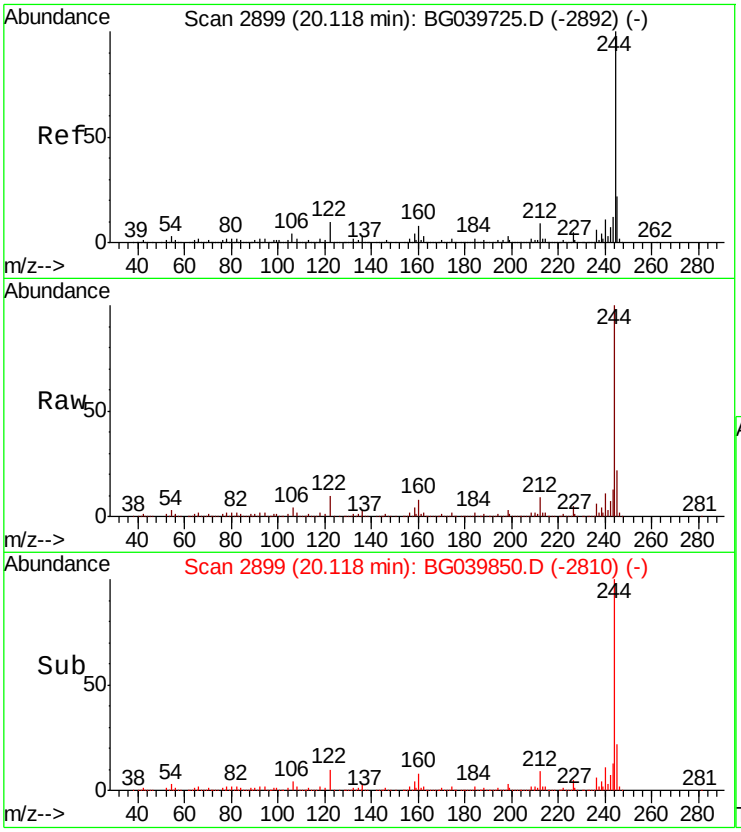


#77
Benzidine
Concen: 2.141 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:184 Resp: 21510

Ion	Ratio	Lower	Upper
184	100		
185	12.9	12.2	18.2
183	9.1	10.6	15.8#



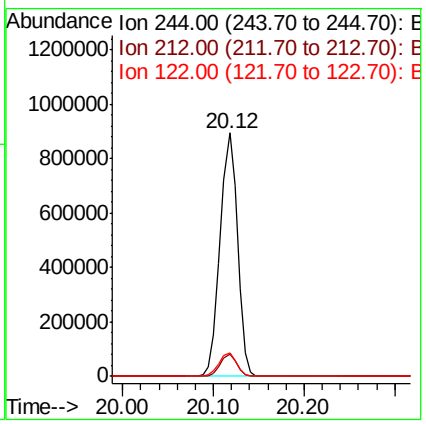


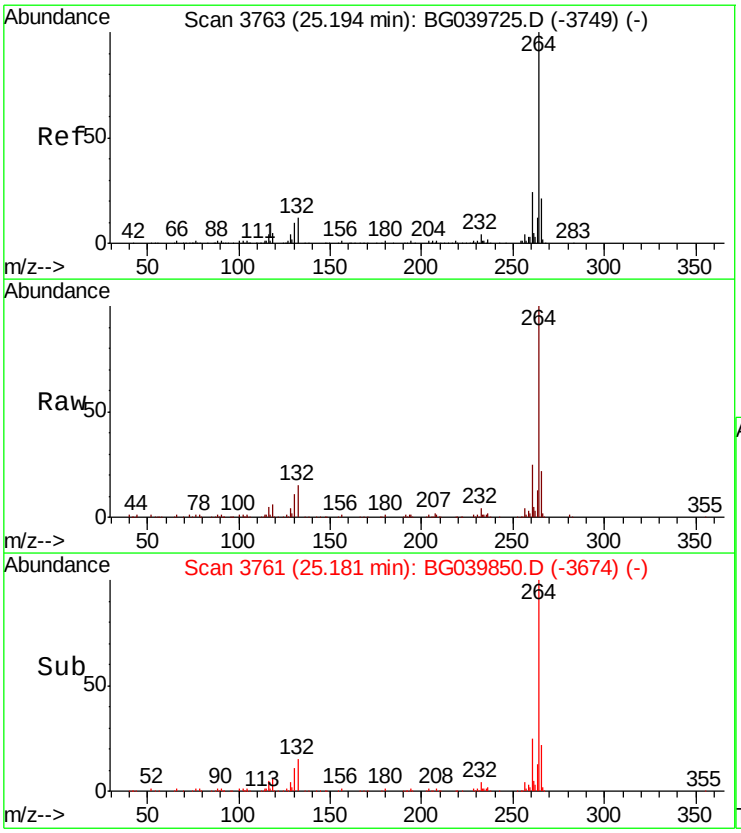
#79
Terphenyl-d14
Concen: 82.426 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Instrument :
BNA_G
ClientSampleId :
MR-MH-11-COMP

Tgt Ion:244 Resp: 1185282

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.9	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039850.D
Acq: 11 Mar 2019 20:28

Tgt Ion:264 Resp: 312604

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.4	18.5	27.7