Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032519\
Data File : BG040145.D
Acq On : 26 Mar 2019 10:52
Operator : JU/SJ
Sample : K2059-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 26 14:17:16 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	33449	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	145075	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	102742	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	253105	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	258463	20.00	ng		-0.03
87) Perylene-d12	25.15	264	261927	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	120266	61.34	ng		-0.02
7) Phenol-d6	7.28	99	114761	39.26	ng		-0.03
23) Nitrobenzene-d5	9.32	82	236512	88.17	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	166192	138.78	ng		-0.03
45) 2-Fluorobiphenyl	13.39	172	596788	82.70	ng		-0.03
79) Terphenyl-d14	20.10	244	989066	84.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	3888	4.295	ng	#	1
10) Phenol	7.31	94	7042	2.224	ng		93
19) n-Nitroso-di-n-propylamine	9.32	70	30848	14.660	ng	#	68
32) Benzoic acid	10.31	122	53	6.630	ng	#	39
51) 2,6-Dinitrotoluene	14.76	165	13163	7.227	ng	#	25
57) 2,4-Dinitrotoluene	14.76	165	13163	5.144	ng	#	20
67) 4-Bromophenyl-phenylether	16.25	248	12850	4.536	ng	#	1
77) Benzidine	20.10	184	17802	2.171	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
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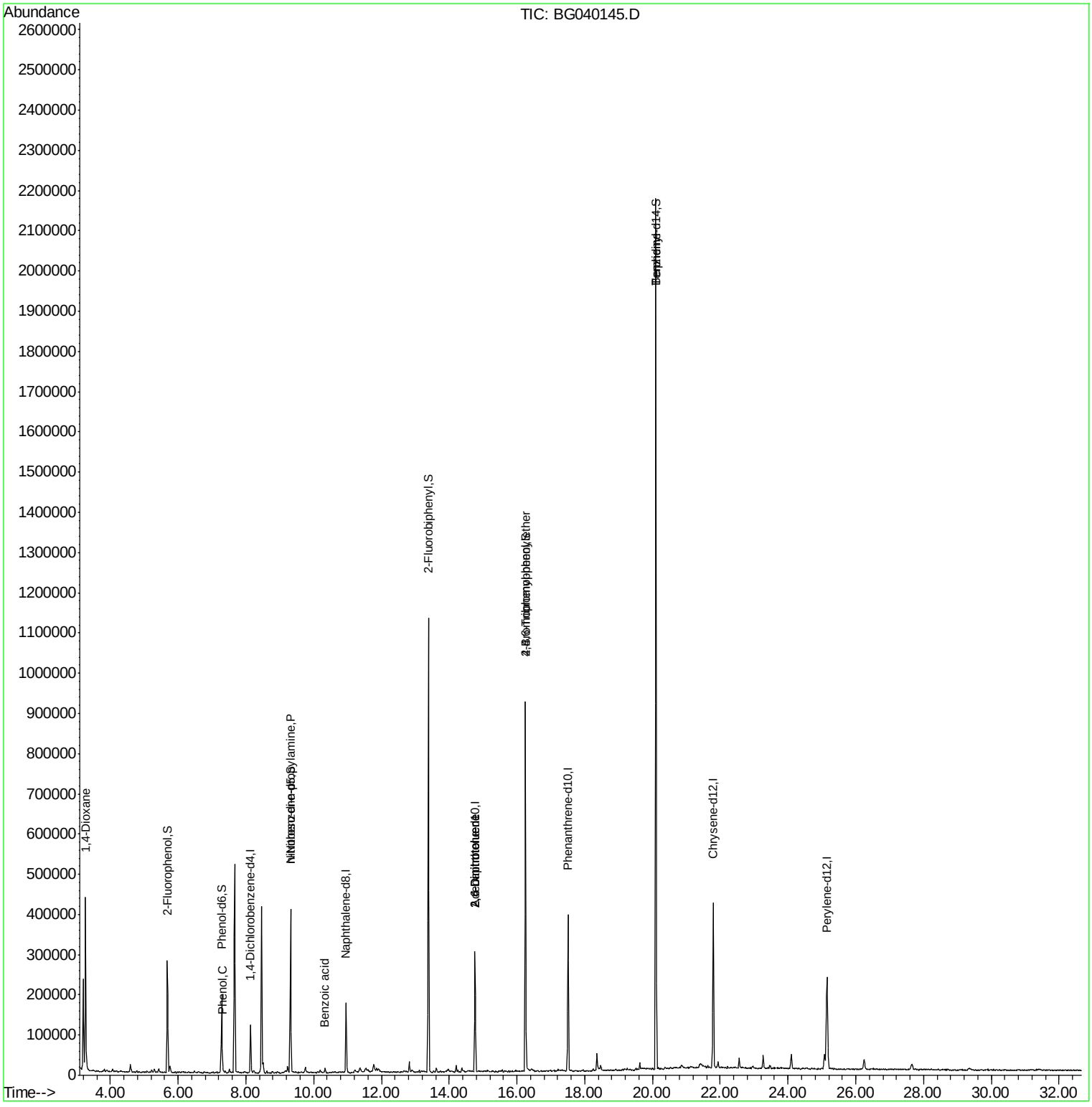
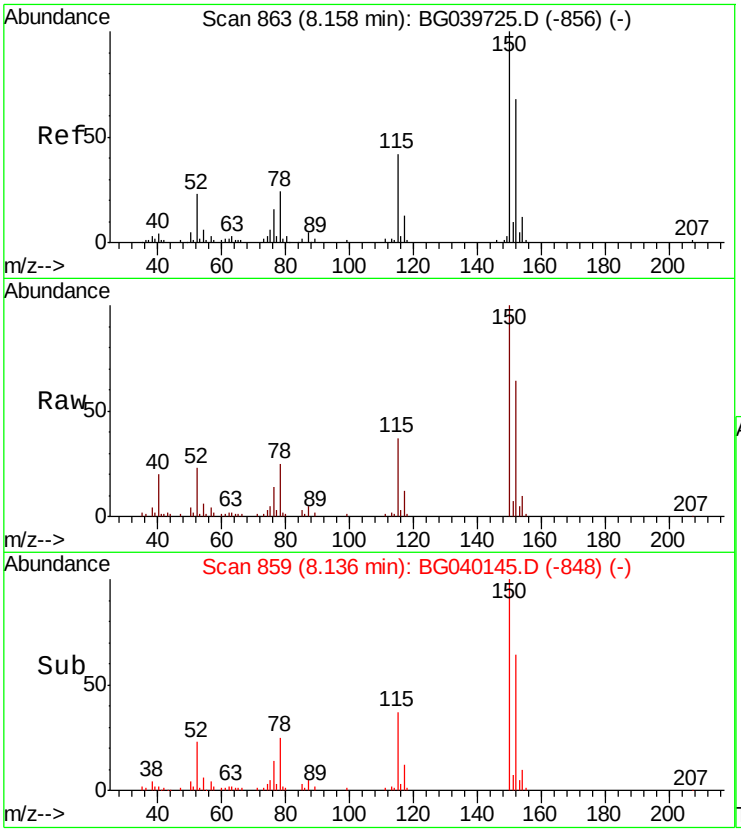


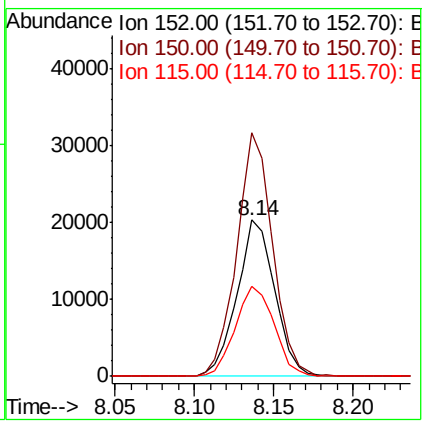


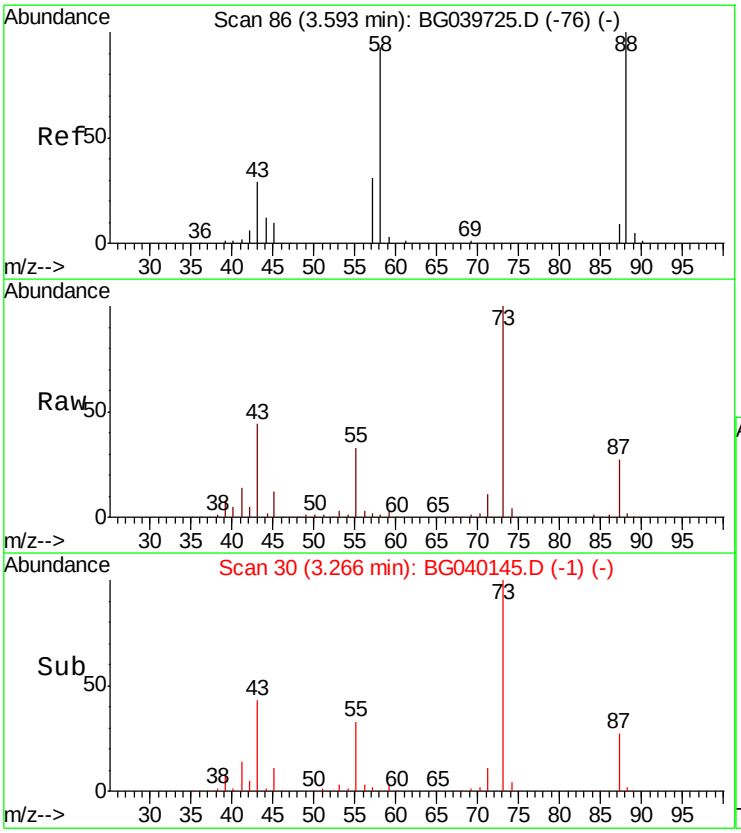
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33449

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	58.0	45.9	68.9

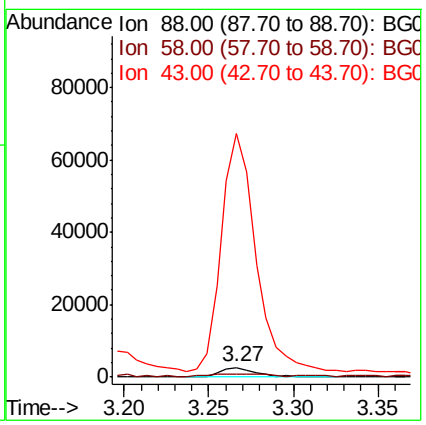


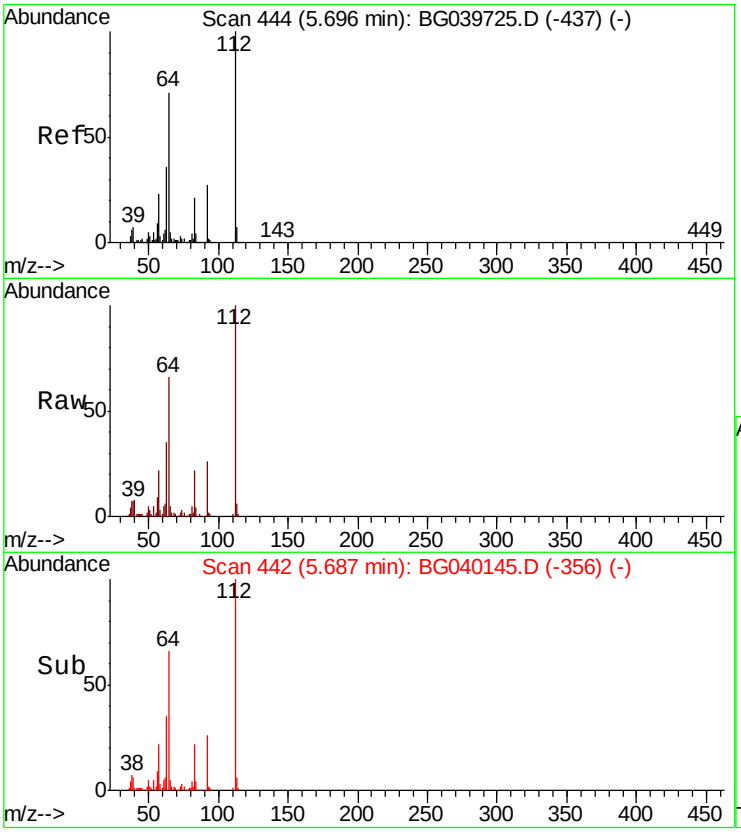


#2
1,4-Dioxane
Concen: 4.295 ng
RT: 3.27 min Scan# 30
Delta R.T. -0.34 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion: 88 Resp: 3888

Ion	Ratio	Lower	Upper
88	100		
58	37.3	81.1	121.7#
43	2398.1	31.4	47.0#



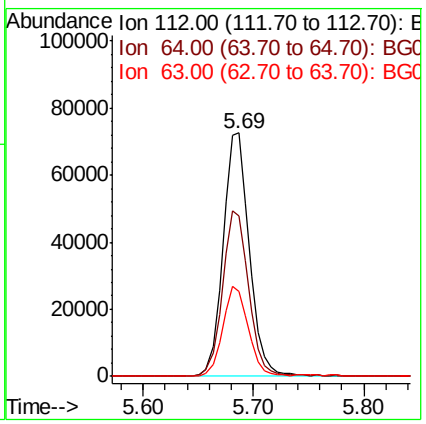


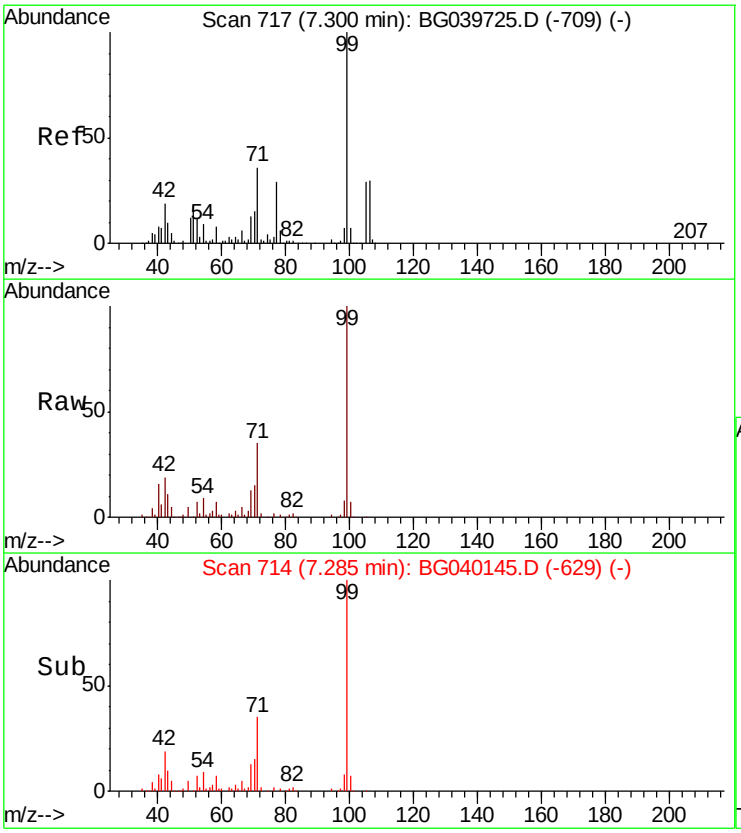
#5
2-Fluorophenol
Concen: 61.340 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 120266

Ion	Ratio	Lower	Upper
112	100		
64	66.1	57.8	86.8
63	34.9	29.8	44.6

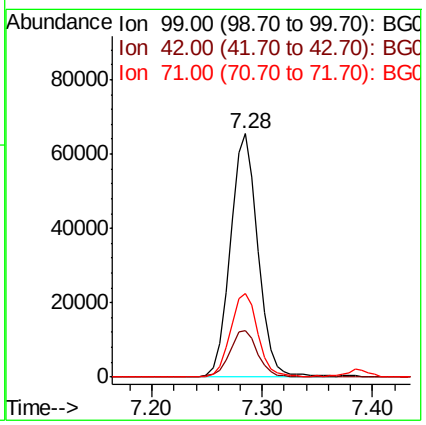


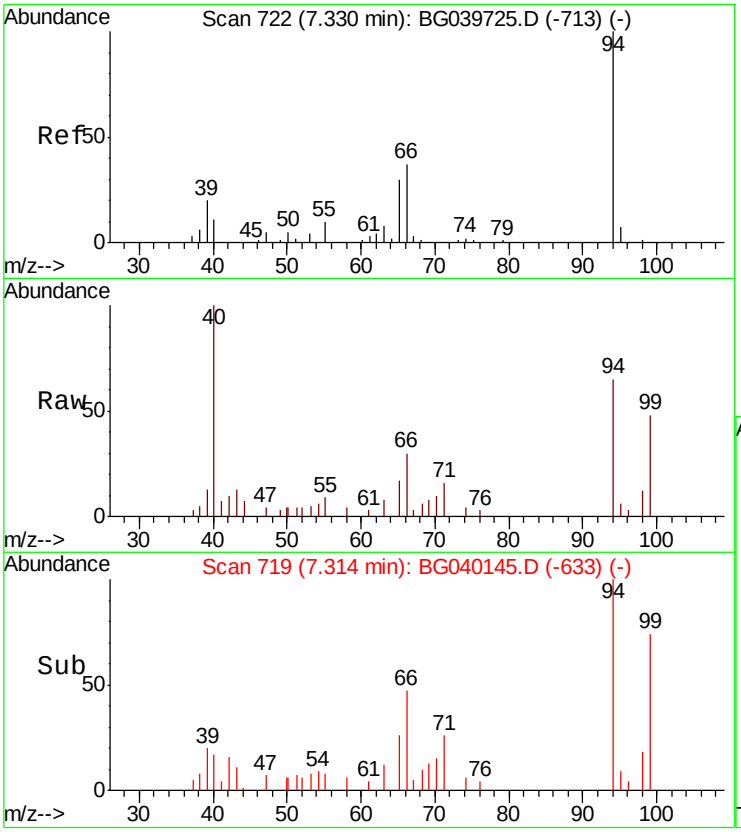


#7
Phenol-d6
Concen: 39.255 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion: 99 Resp: 114761

Ion	Ratio	Lower	Upper
99	100		
42	19.0	18.2	27.2
71	34.5	28.0	42.0



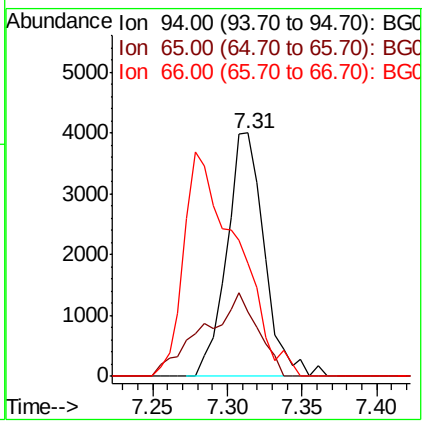


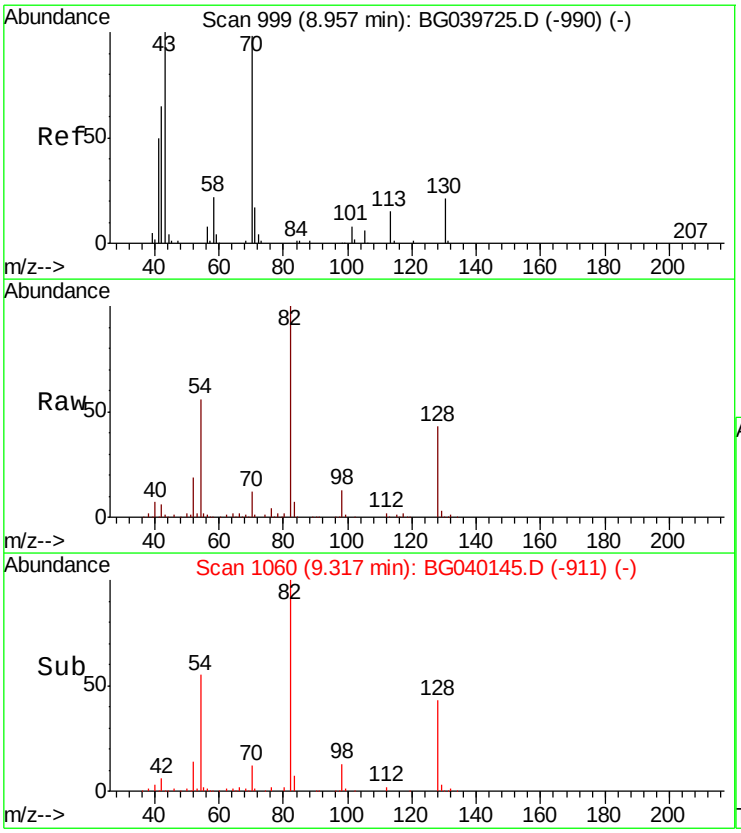
#10
Phenol
Concen: 2.224 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.02 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 7042

Ion	Ratio	Lower	Upper
94	100		
65	26.2	11.7	51.7
66	46.7	23.7	63.7

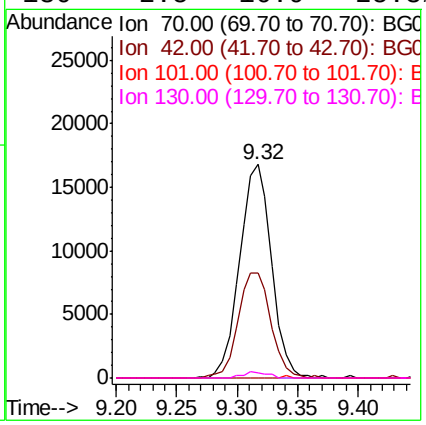


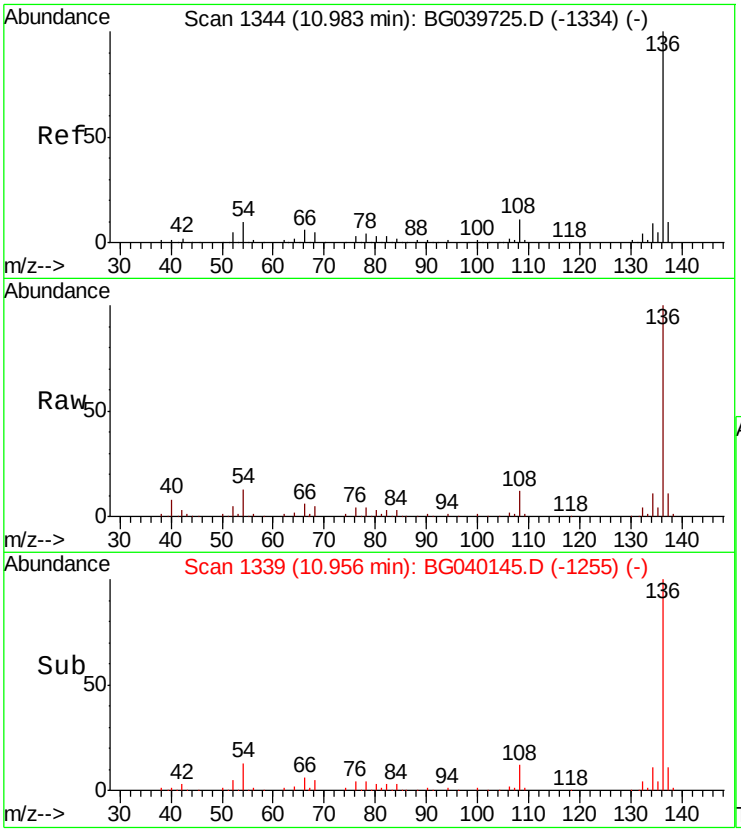


#19
n-Nitroso-di-n-propylamine
Concen: 14.660 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion: 70 Resp: 30848

Ion	Ratio	Lower	Upper
70	100		
42	49.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.5	16.9	25.3#



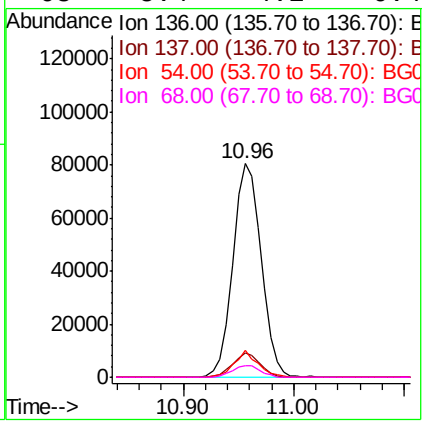


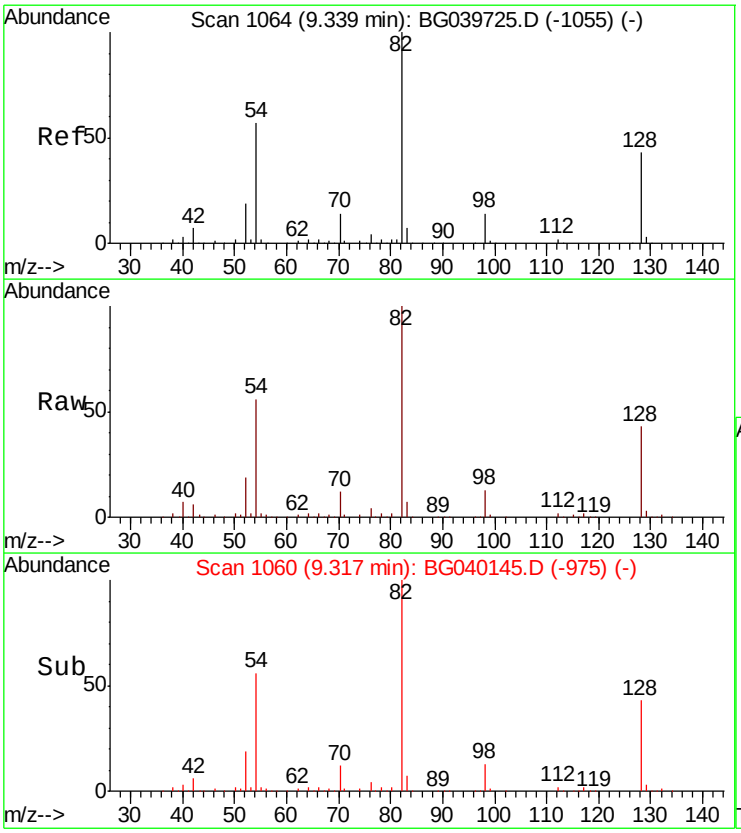
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 145075

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	12.6	9.4	14.2
68	5.4	4.2	6.4

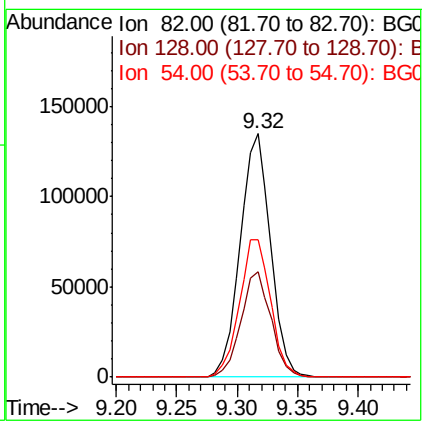


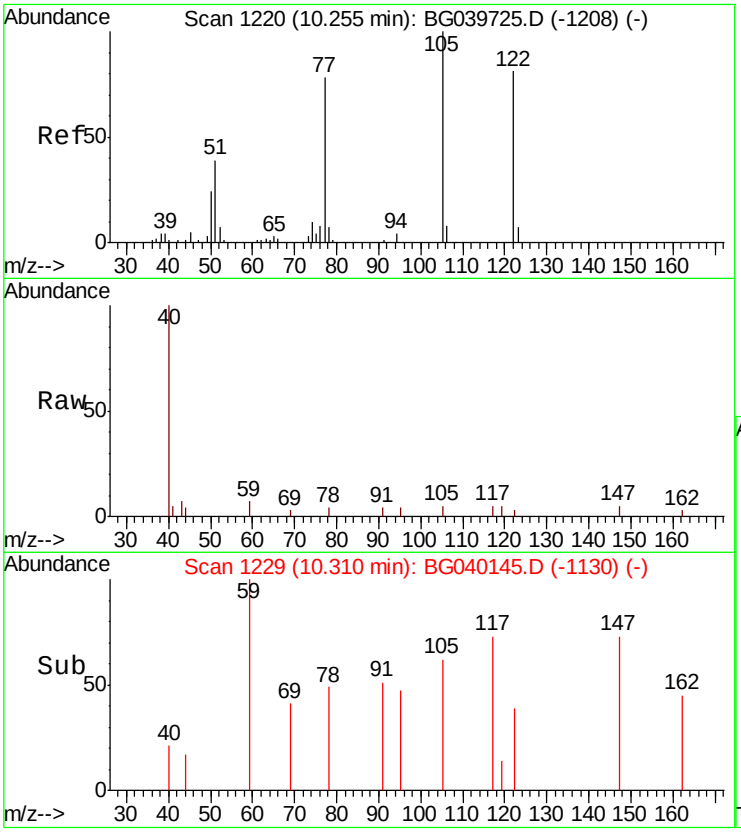


#23
Nitrobenzene-d5
Concen: 88.172 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion: 82 Resp: 236512

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	56.4	50.9	76.3



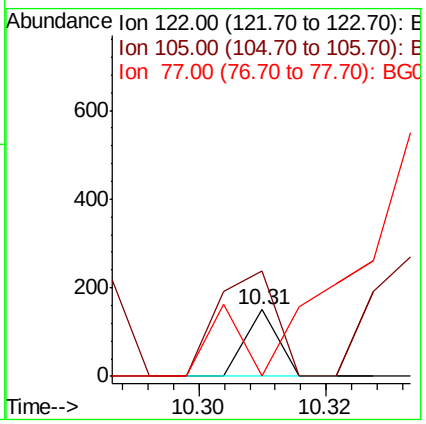


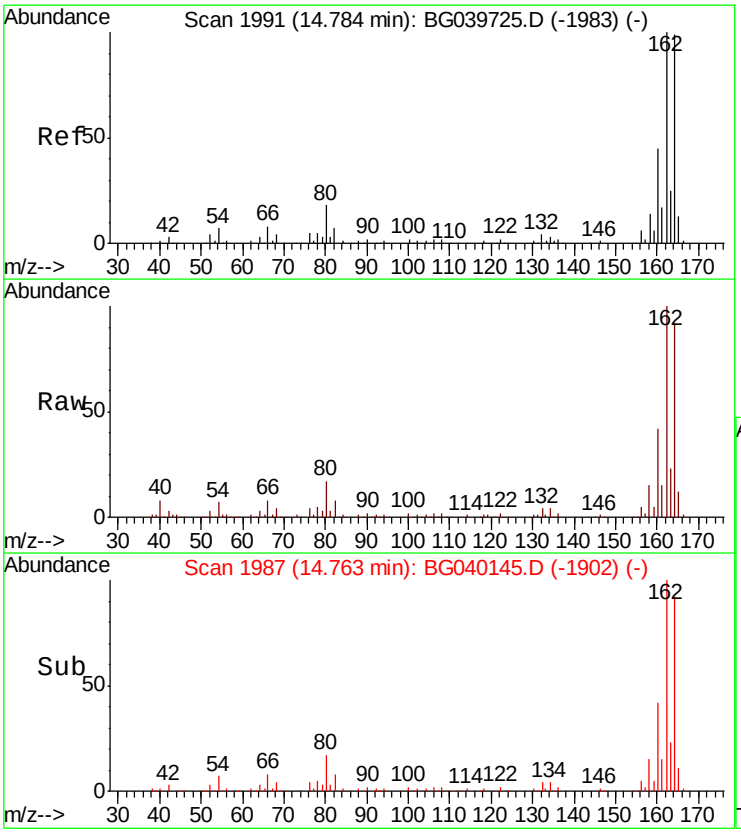
#32
Benzoic acid
Concen: 6.630 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.05 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	157.6	101.8	141.8#
77	0.0	76.3	116.3#

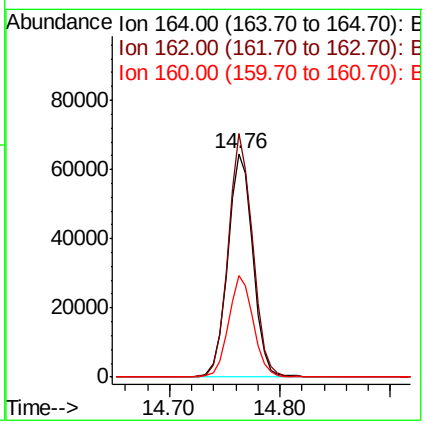


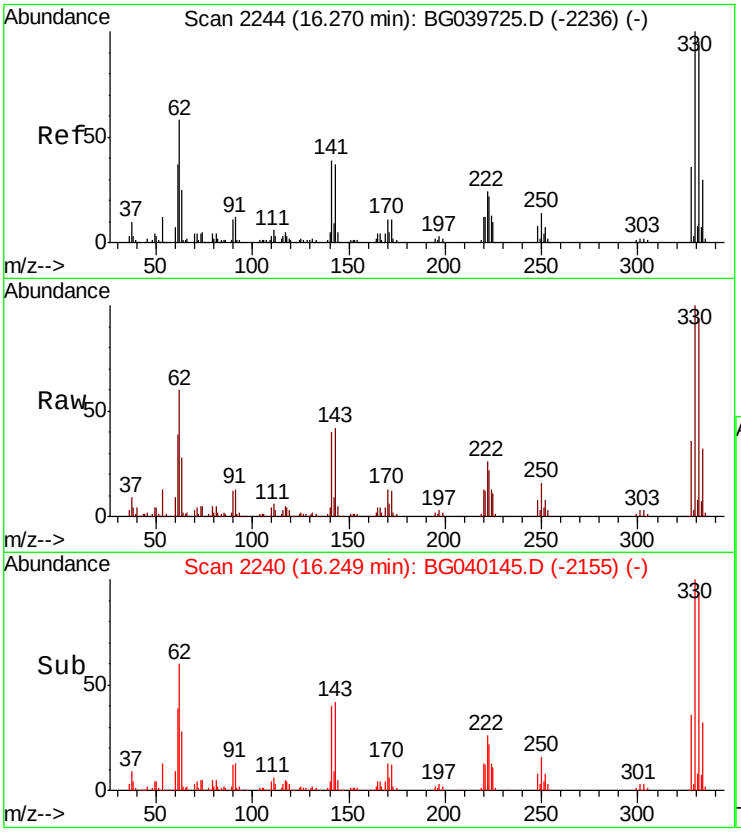


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:164 Resp: 102742

Ion	Ratio	Lower	Upper
164	100		
162	109.0	81.6	122.4
160	45.6	34.2	51.2



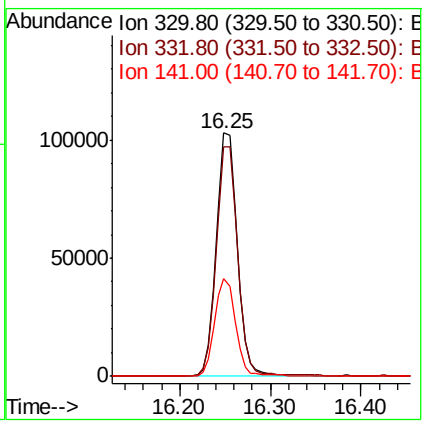


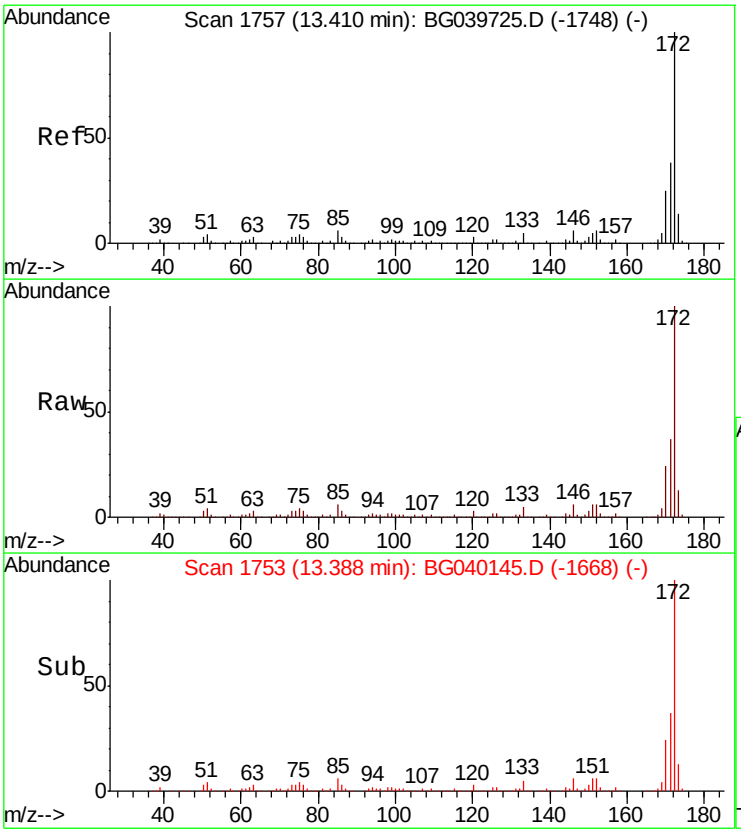
#42
2,4,6-Tribromophenol
Concen: 138.779 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 166192

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	39.8	35.6	53.4

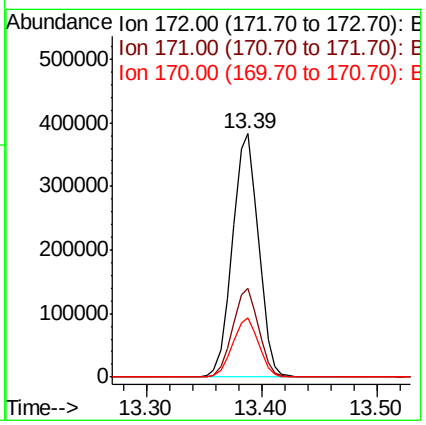


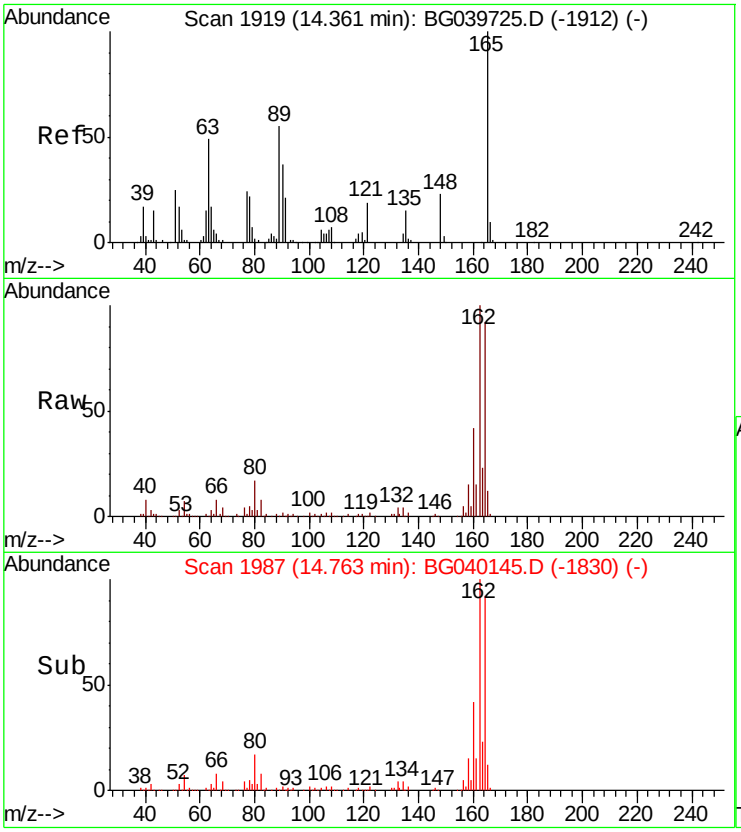


#45
2-Fluorobiphenyl
Concen: 82.705 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:172 Resp: 596788

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.5	20.2	30.4



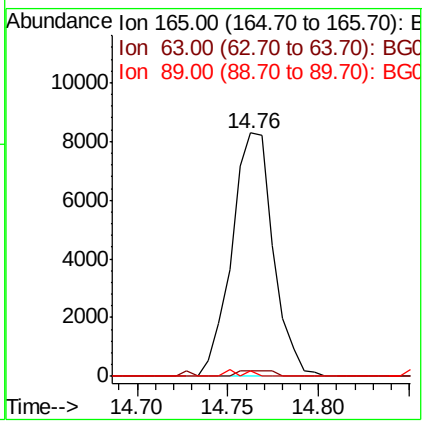


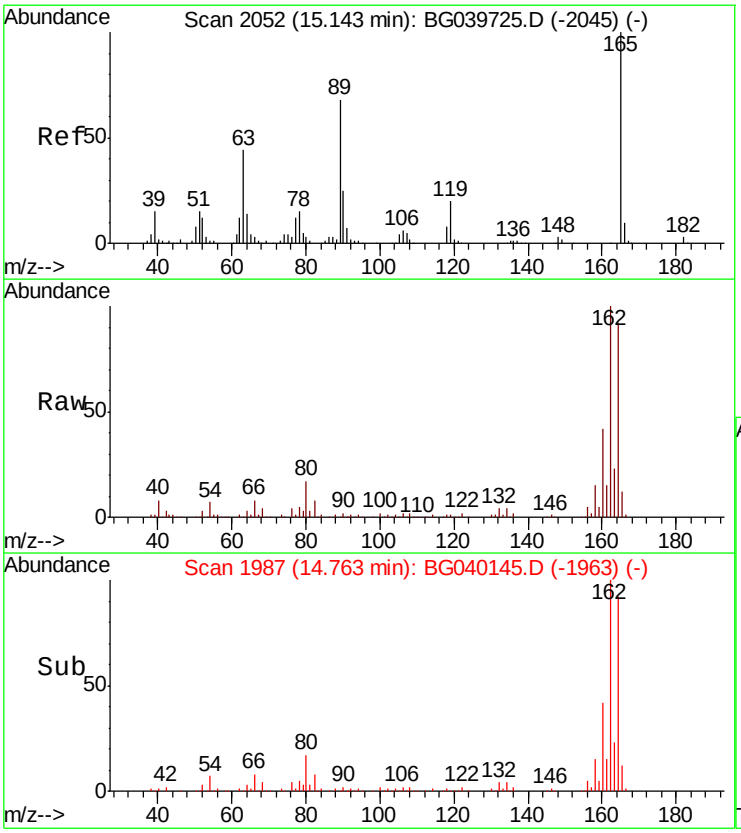
#51
2,6-Dinitrotoluene
Concen: 7.227 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.39 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13163

Ion	Ratio	Lower	Upper
165	100		
63	2.1	47.0	70.6#
89	2.2	45.8	68.8#

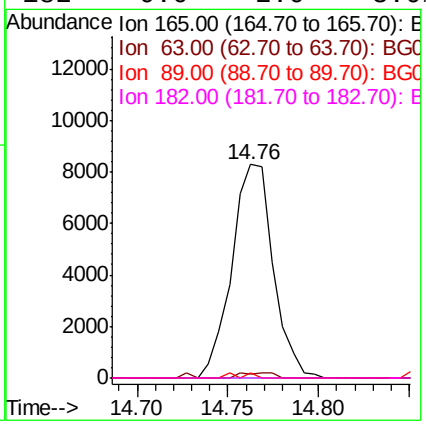


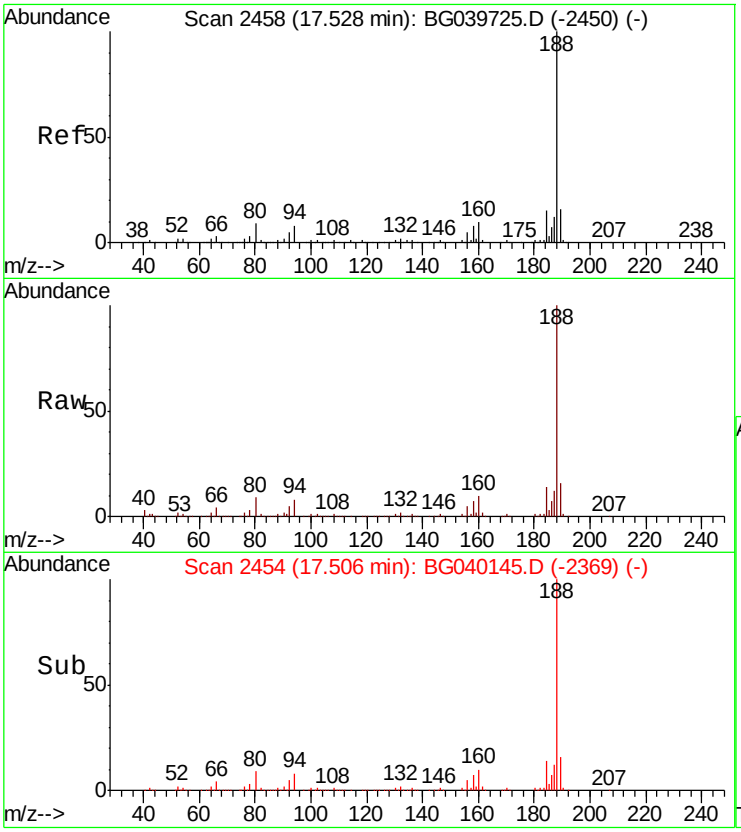


#57
2,4-Dinitrotoluene
Concen: 5.144 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:165 Resp: 13163

Ion	Ratio	Lower	Upper
165	100		
63	2.1	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#



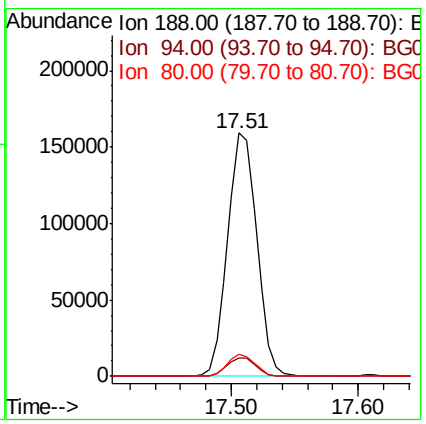


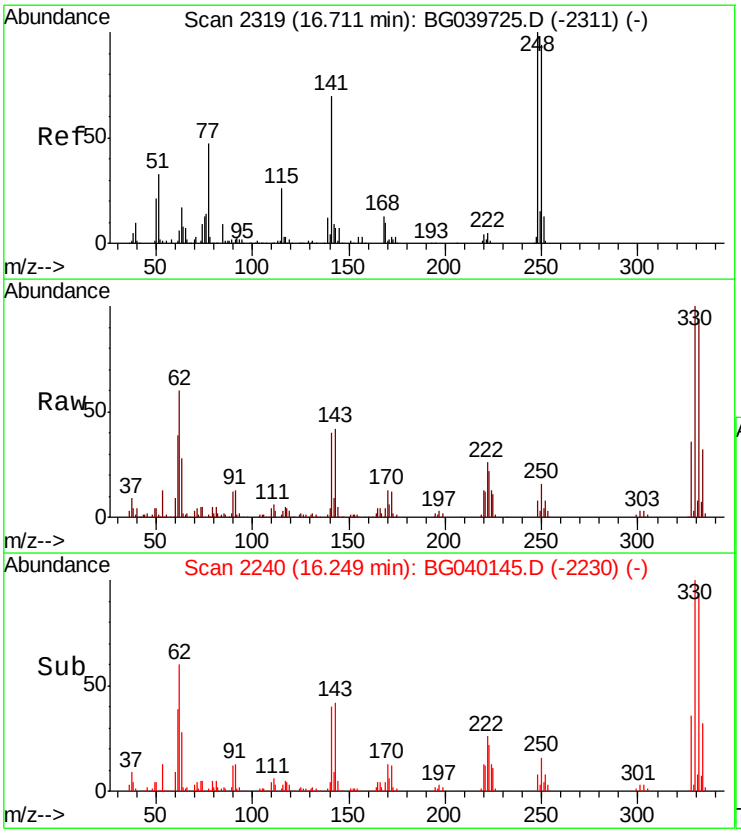
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 253105

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.2	8.1	12.1

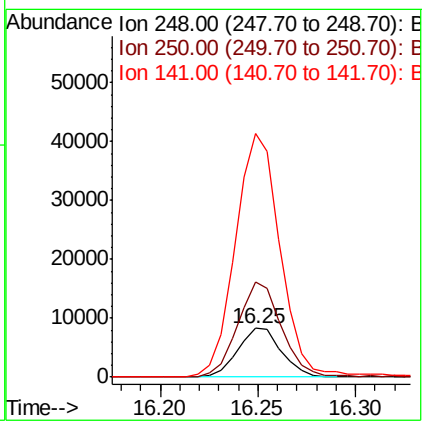


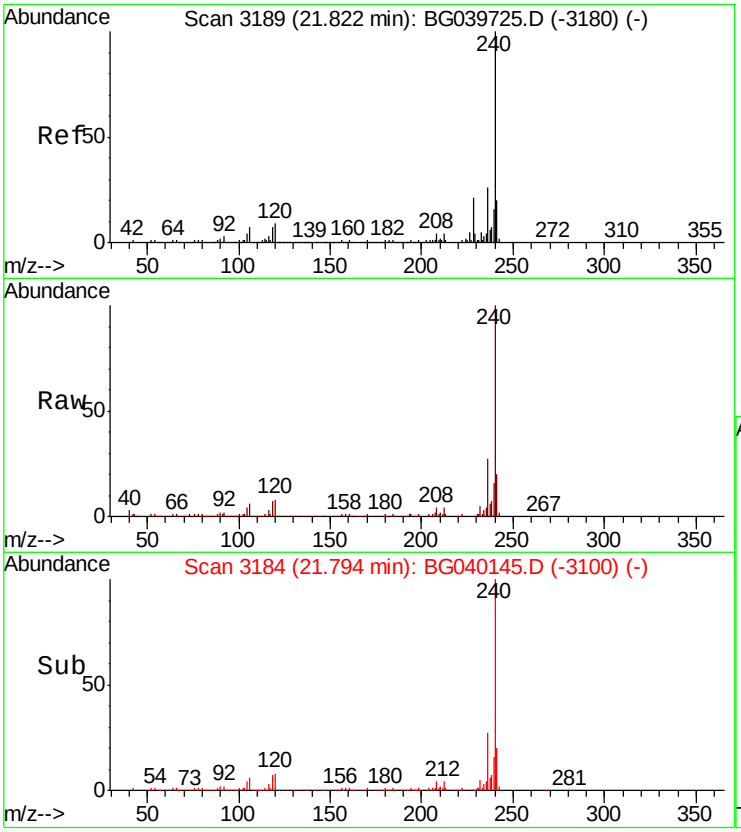


#67
4-Bromophenyl-phenylether
Concen: 4.536 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.47 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:248 Resp: 12850

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.6	116.4#
141	497.0	63.9	95.9#



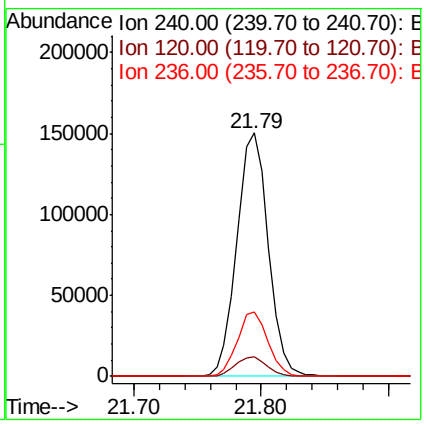


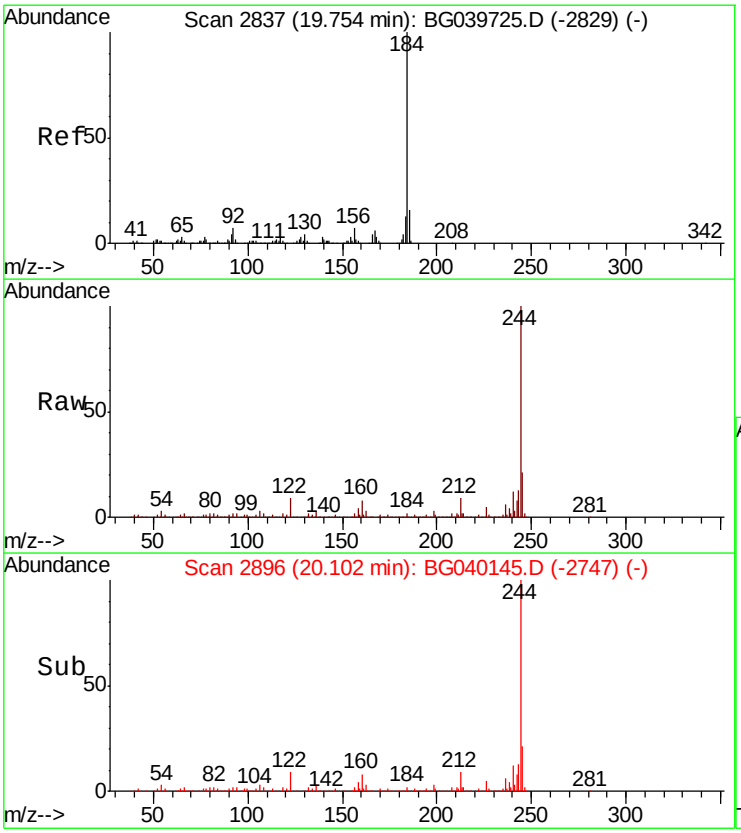
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 258463

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	26.7	21.0	31.4

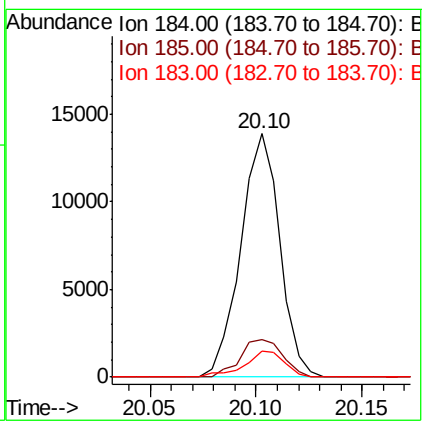


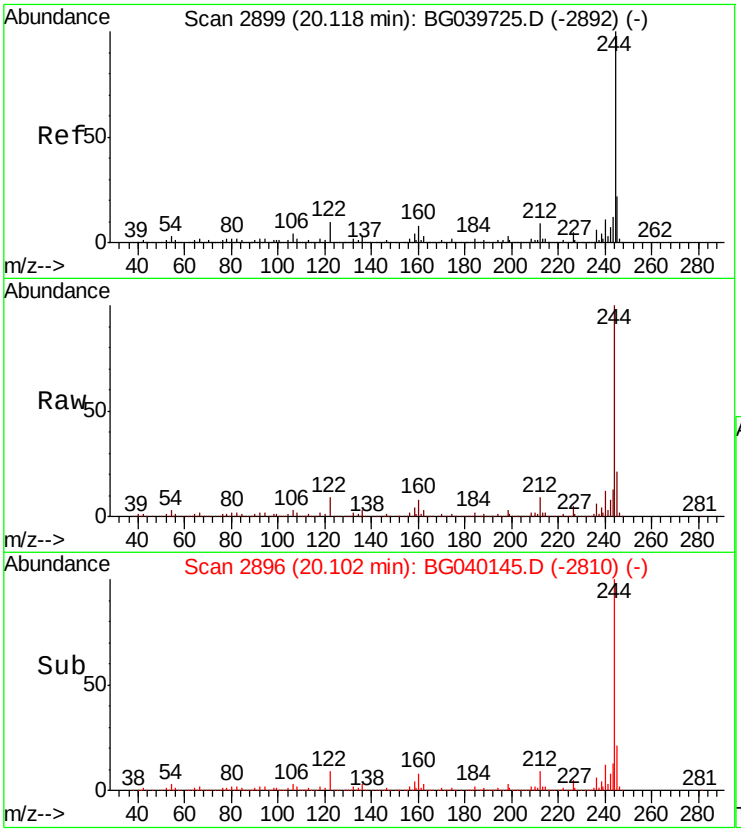


#77
Benzidine
Concen: 2.171 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:184 Resp: 17802

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	10.7	10.6	15.8



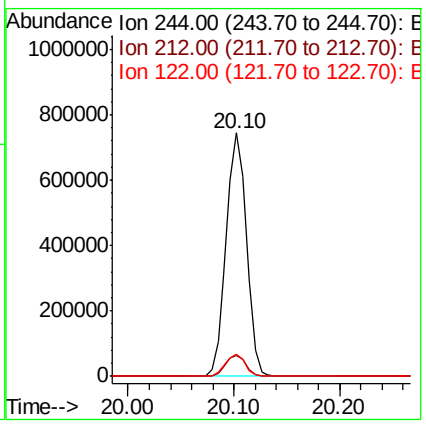


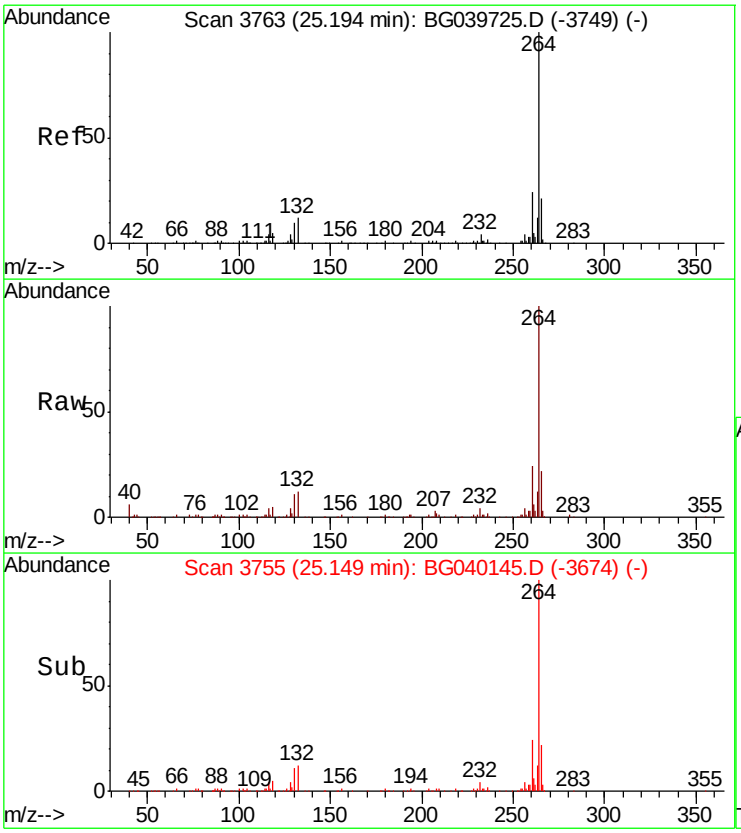
#79
Terphenyl-d14
Concen: 84.257 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 989066

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	8.9	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: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:264 Resp: 261927

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.4	18.5	27.7