Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
Data File : BG035553.D
Acq On : 2 Jul 2018 16:23
Operator : JU/SJ
Sample : J3790-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ZER-WC-S-01-0-72

Quant Time: Jul 02 18:37:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32938	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	125193	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	97466	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	265164	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	288157	20.00	ng		-0.03
86) Perylene-d12	24.91	264	272127	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	256325	131.33	ng		0.00
7) Phenol-d6	7.23	99	352252	122.28	ng		0.00
23) Nitrobenzene-d5	9.22	82	268163	101.82	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	208951	167.47	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	650955	86.82	ng		-0.02
78) Terphenyl-d14	20.03	244	1288915	93.69	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	35723	14.597	ng	#	65
31) Naphthalene	10.92	128	17411	2.677	ng		98
50) 2,6-Dinitrotoluene	14.68	165	14056	9.065	ng	#	18
56) 2,4-Dinitrotoluene	14.68	165	14056	6.824	ng	#	16
66) 4-Bromophenyl-phenylether	16.17	248	15886	4.975	ng	#	1
76) Benzidine	20.03	184	21618	2.017	ng	#	91

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

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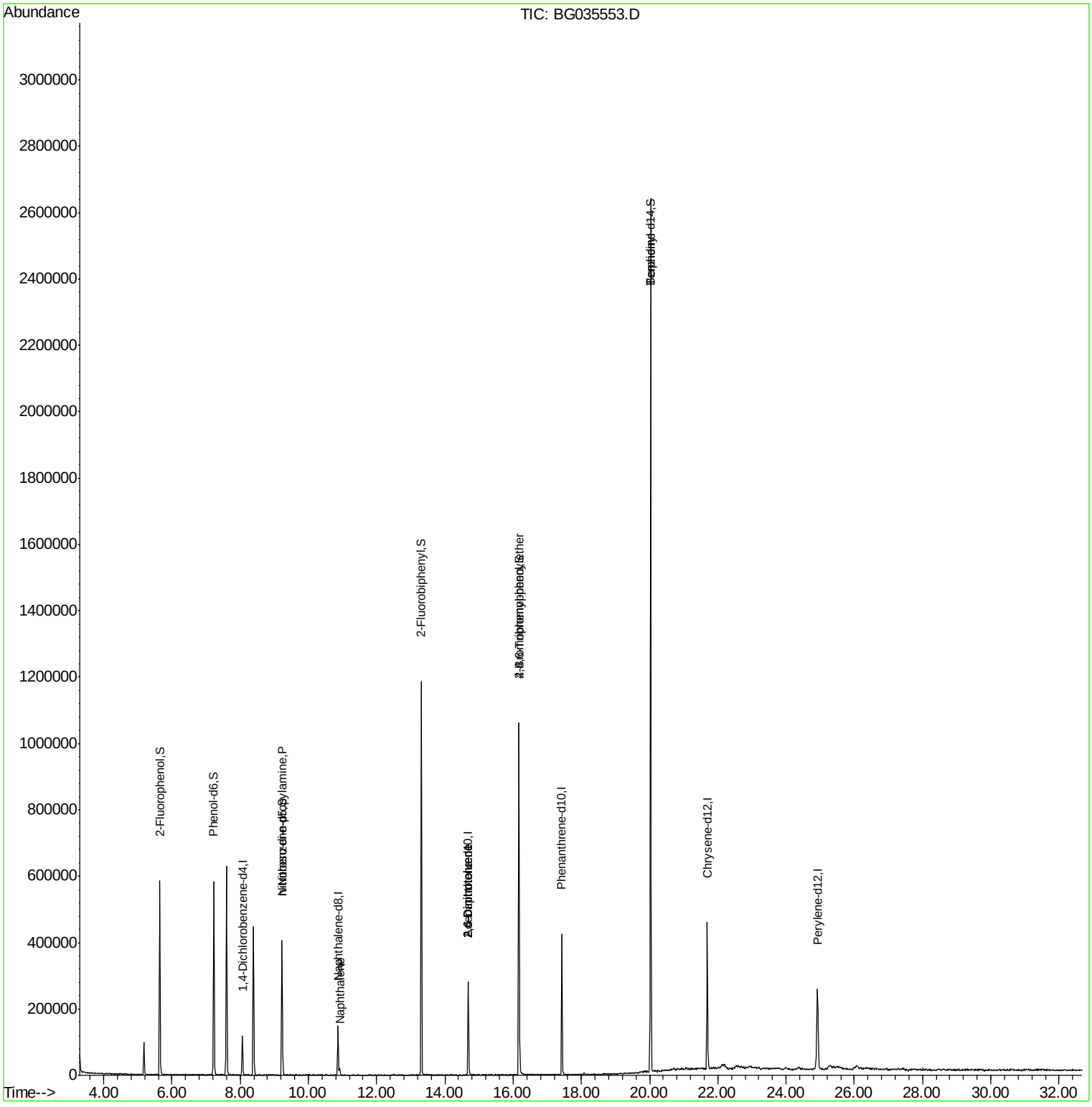
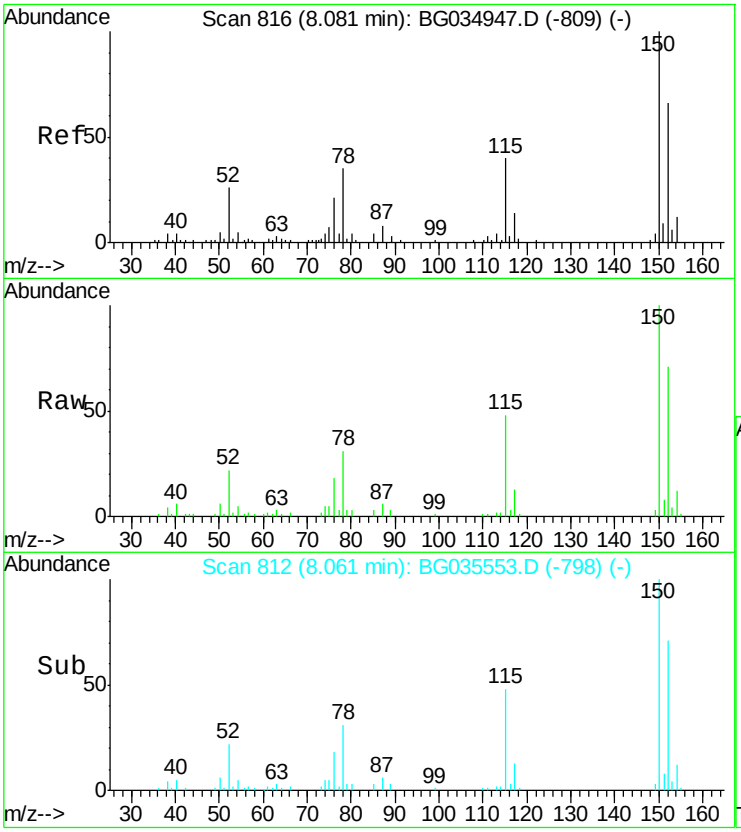


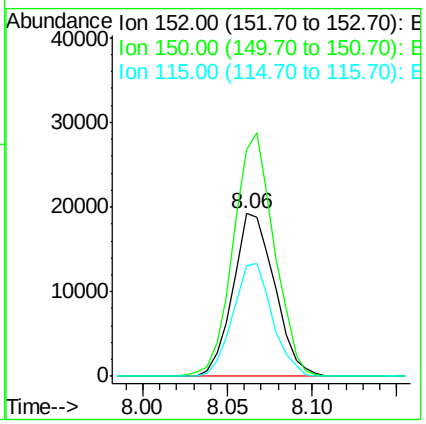


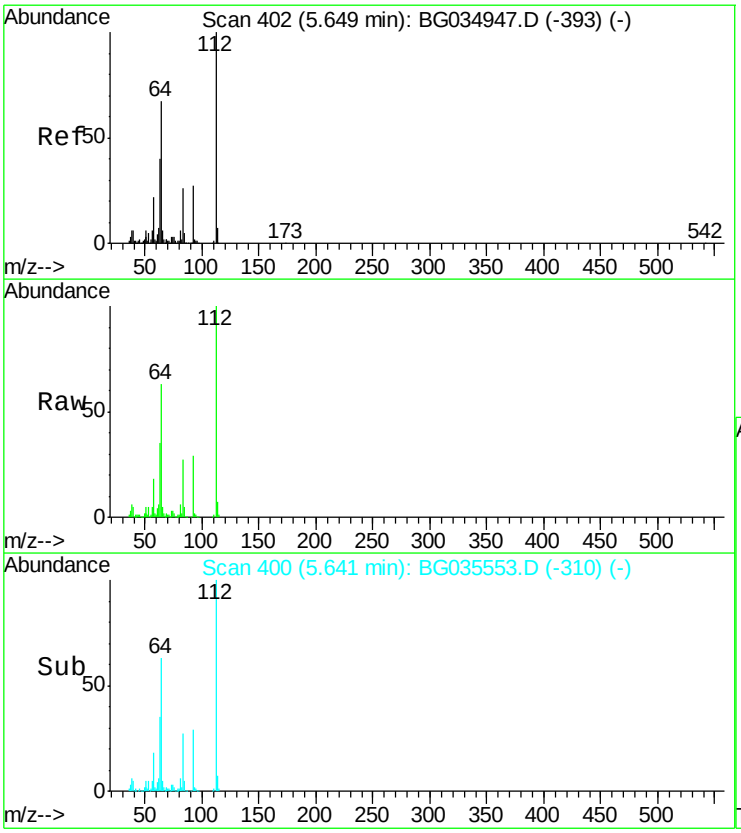
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:152 Resp: 32938

Ion	Ratio	Lower	Upper
152	100		
150	139.9	126.6	189.8
115	67.7	53.0	79.4

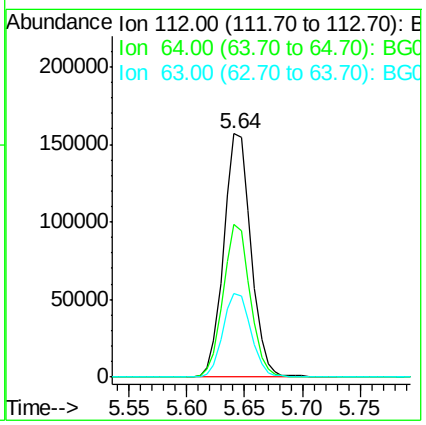


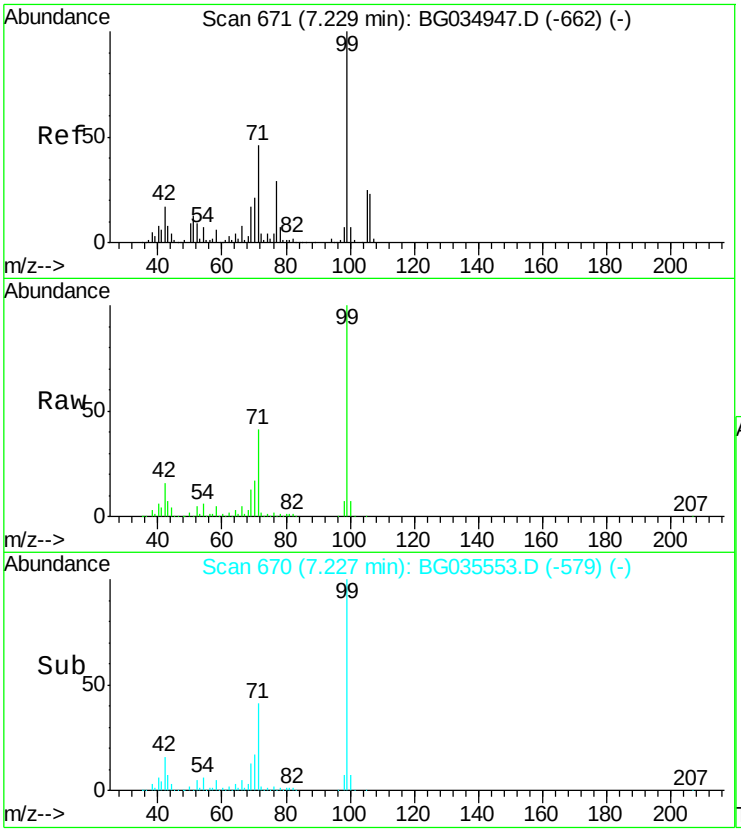


#5
2-Fluorophenol
Concen: 131.330 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:112 Resp: 256325

Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	34.6	30.1	45.1



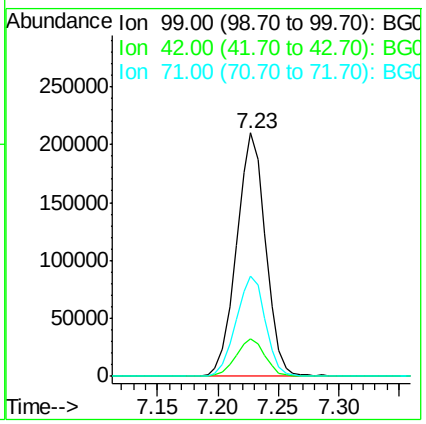


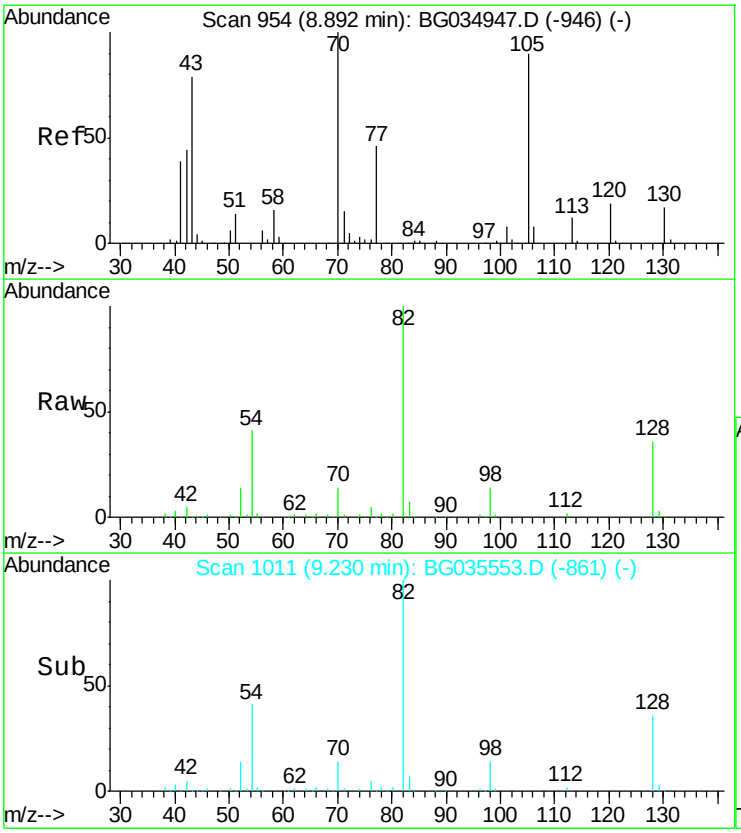
#7
Phenol-d6
Concen: 122.281 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion: 99 Resp: 352252

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	41.4	26.1	39.1#

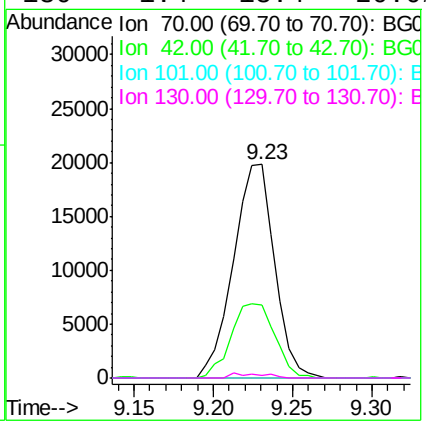


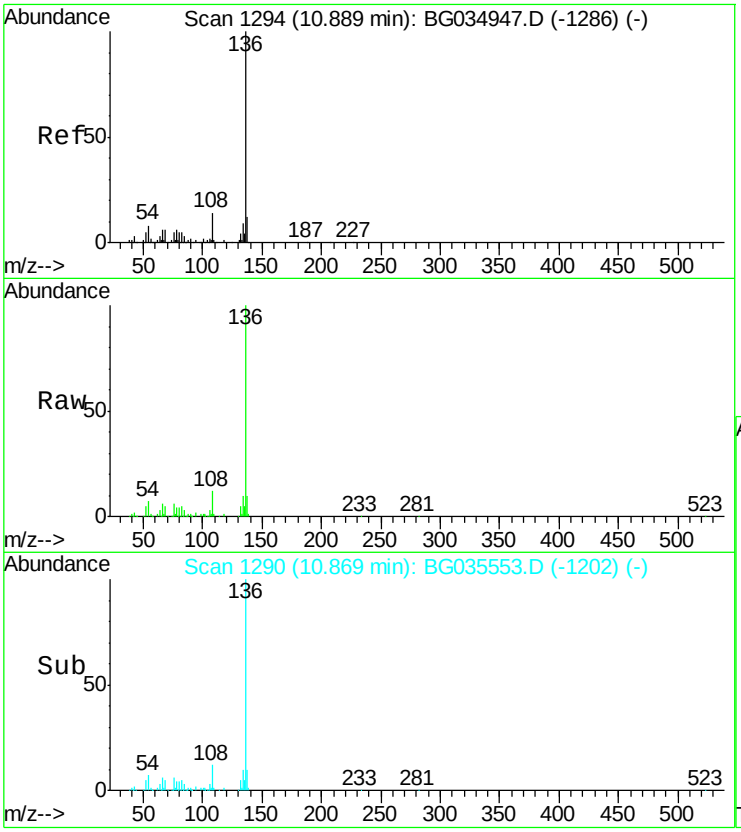


#19
n-Nitroso-di-n-propylamine
Concen: 14.597 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion: 70 Resp: 35723

Ion	Ratio	Lower	Upper
70	100		
42	34.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



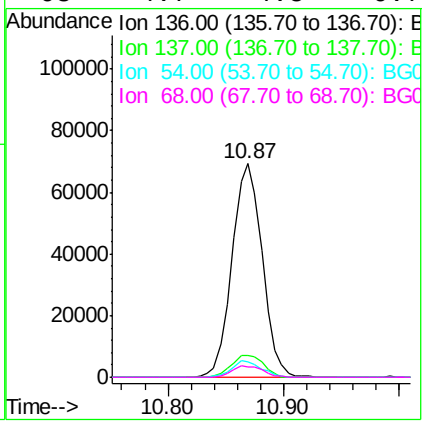


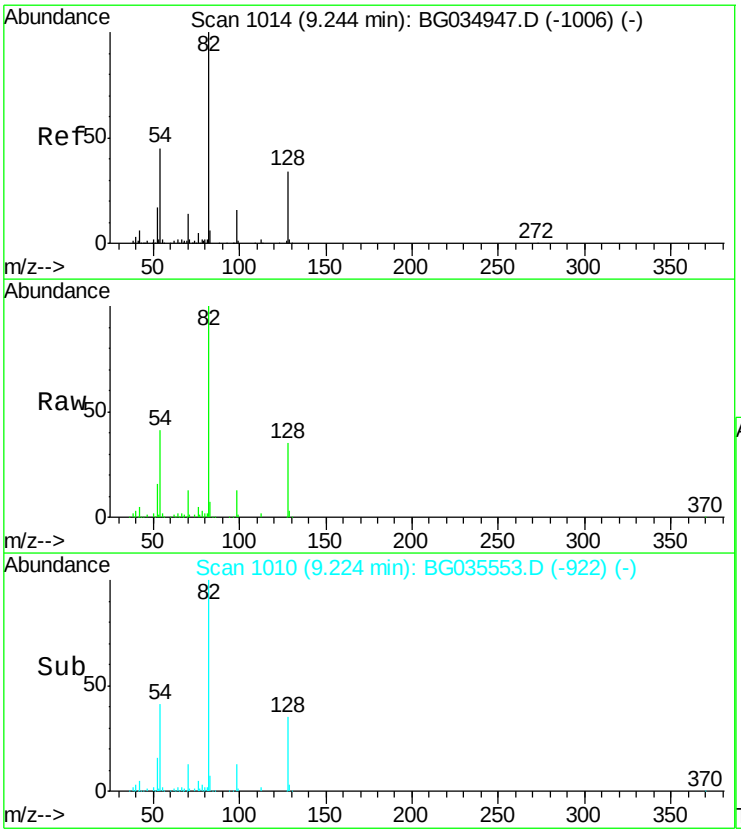
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:136 Resp: 125193

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	7.1	10.3	15.5#
68	4.7	4.5	6.7

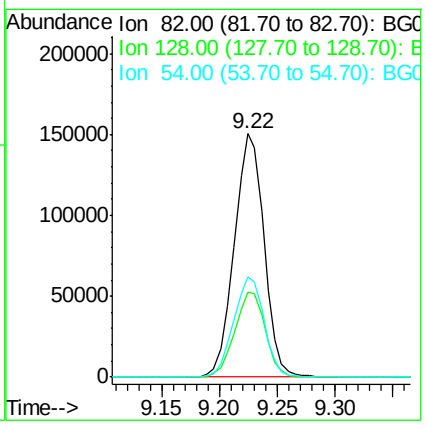


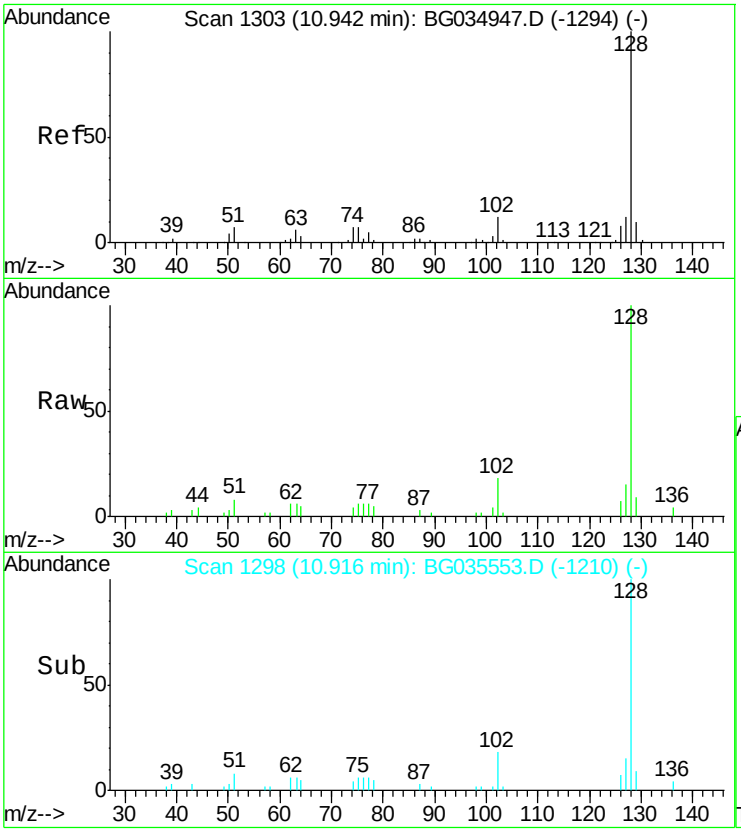


#23
Nitrobenzene-d5
Concen: 101.818 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion: 82 Resp: 268163

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	41.4	43.1	64.7#



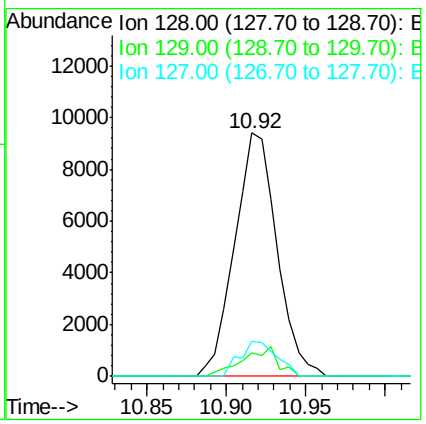


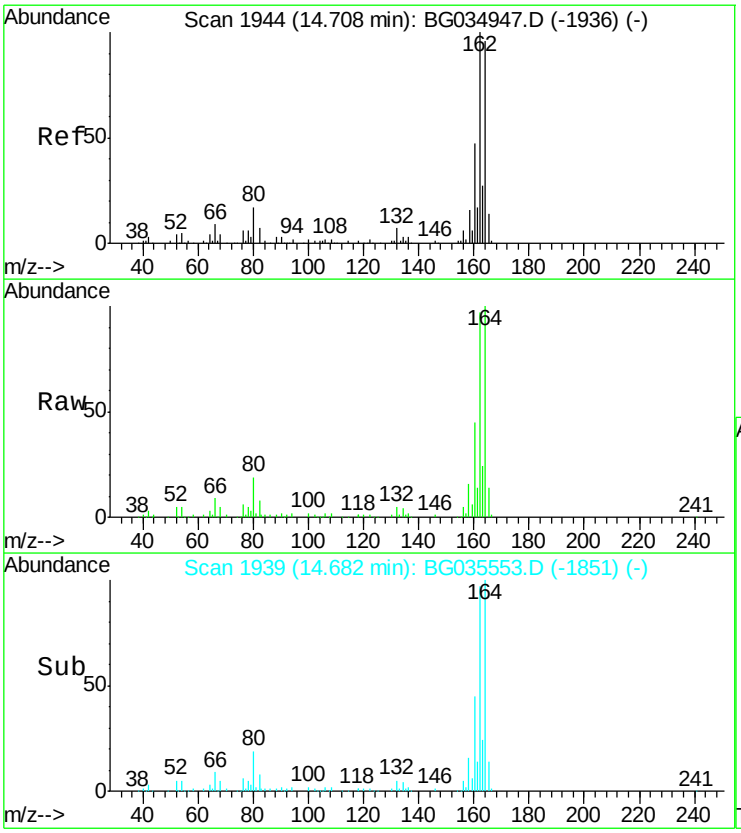
#31
Naphthalene
Concen: 2.677 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:128 Resp: 17411

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.6	12.8
127	14.6	11.6	17.4

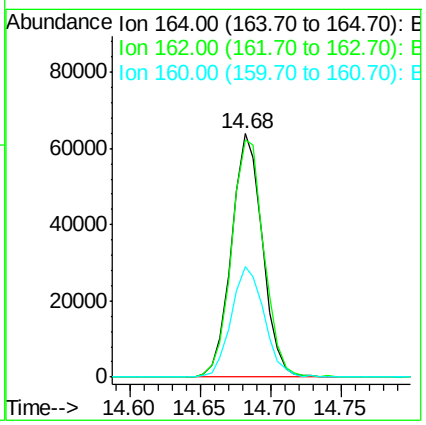


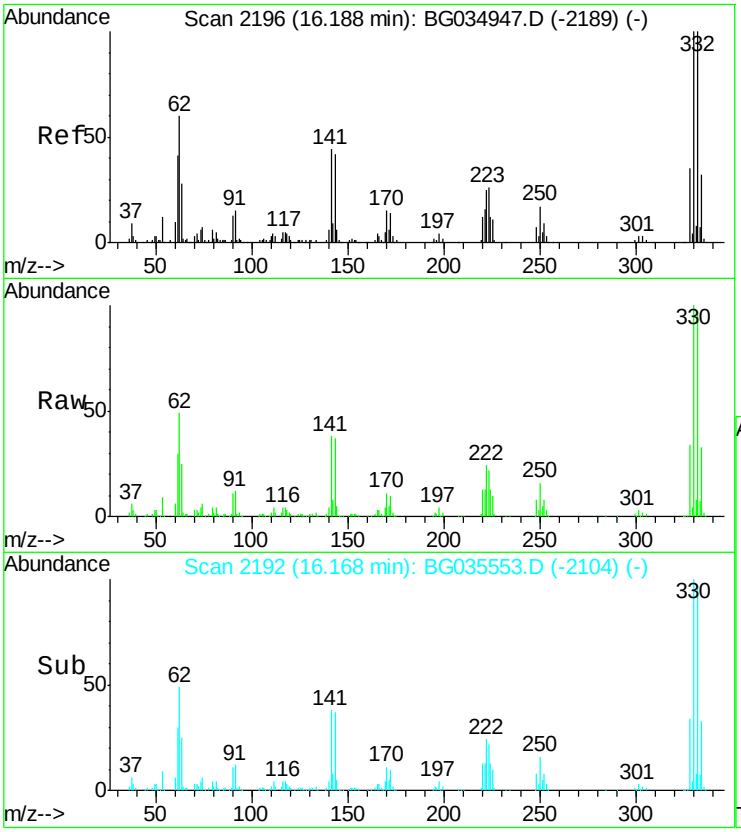


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:164 Resp: 97466

Ion	Ratio	Lower	Upper
164	100		
162	97.2	78.8	118.2
160	45.2	35.4	53.0



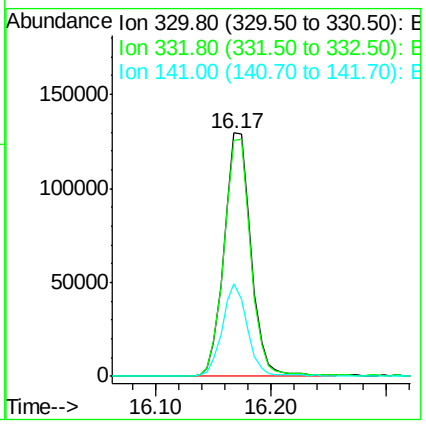


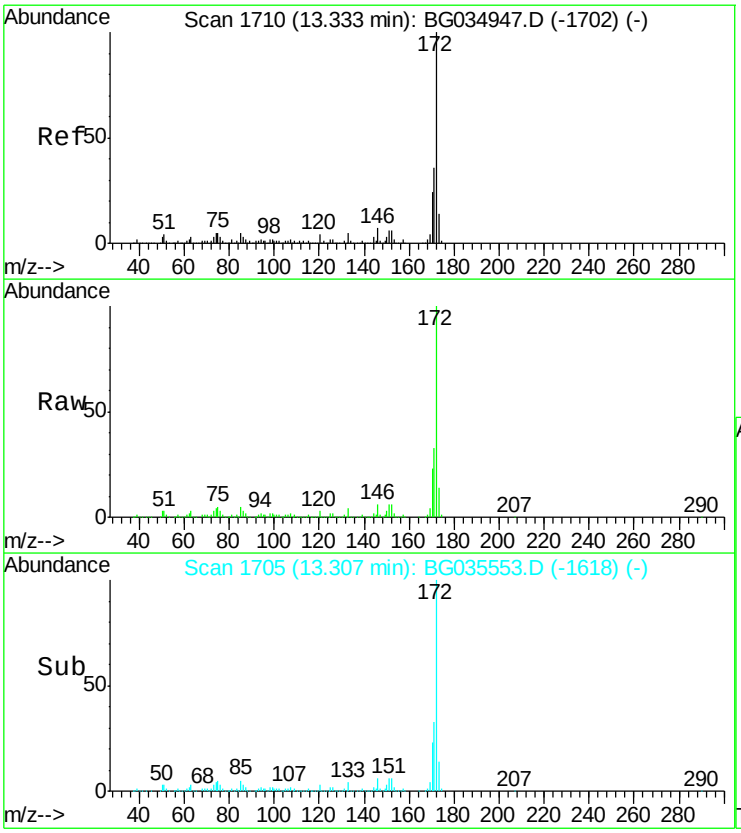
#41
2,4,6-Tribromophenol
Concen: 167.470 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:330 Resp: 208951

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.7	25.2	37.8

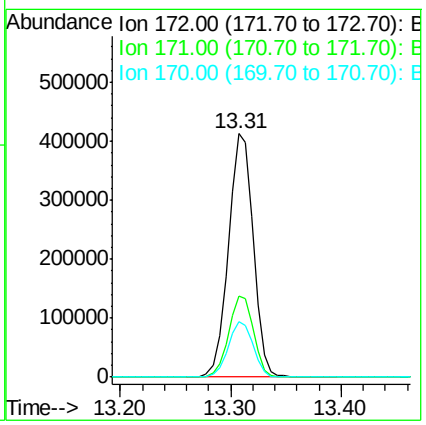


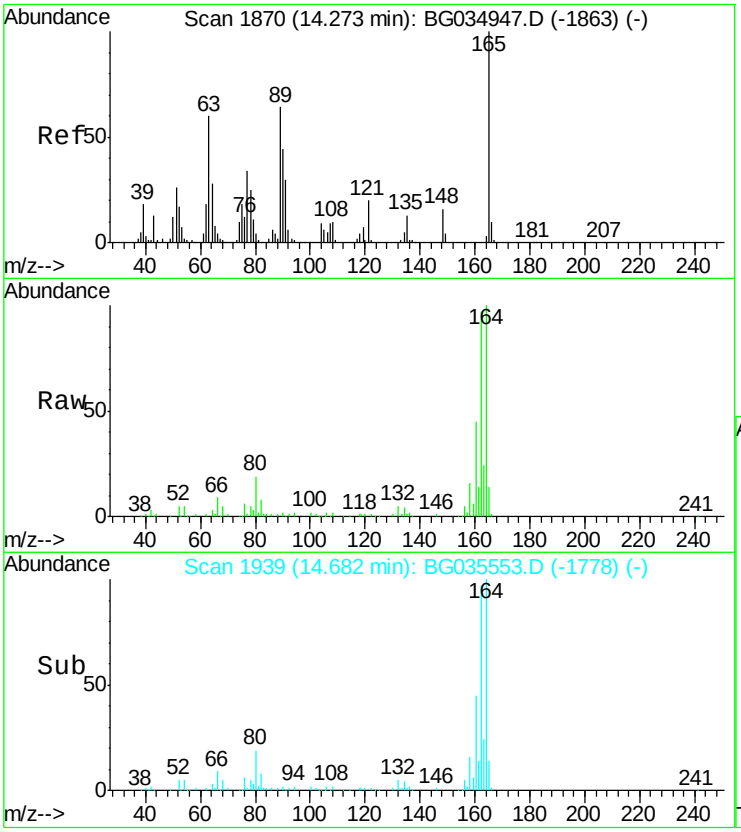


#44
2-Fluorobiphenyl
Concen: 86.824 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:172 Resp: 650955

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.0	45.0
170	22.8	19.5	29.3



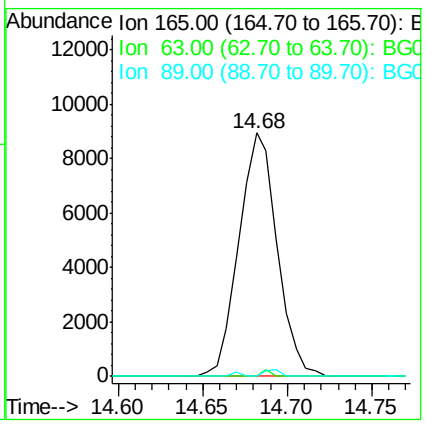


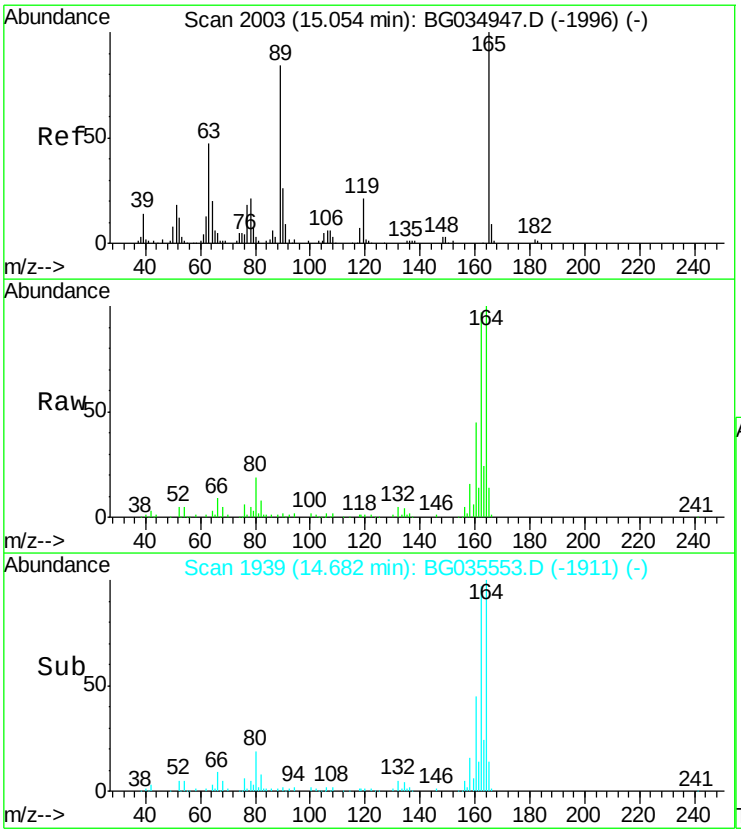
#50
2,6-Dinitrotoluene
Concen: 9.065 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:165 Resp: 14056

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

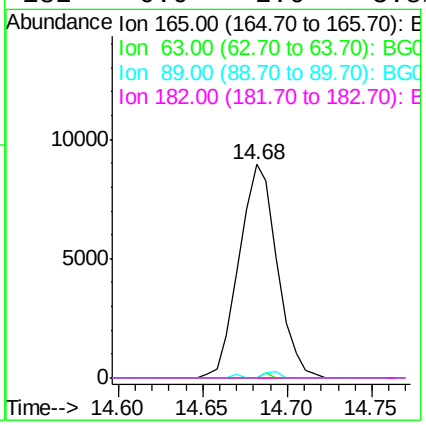


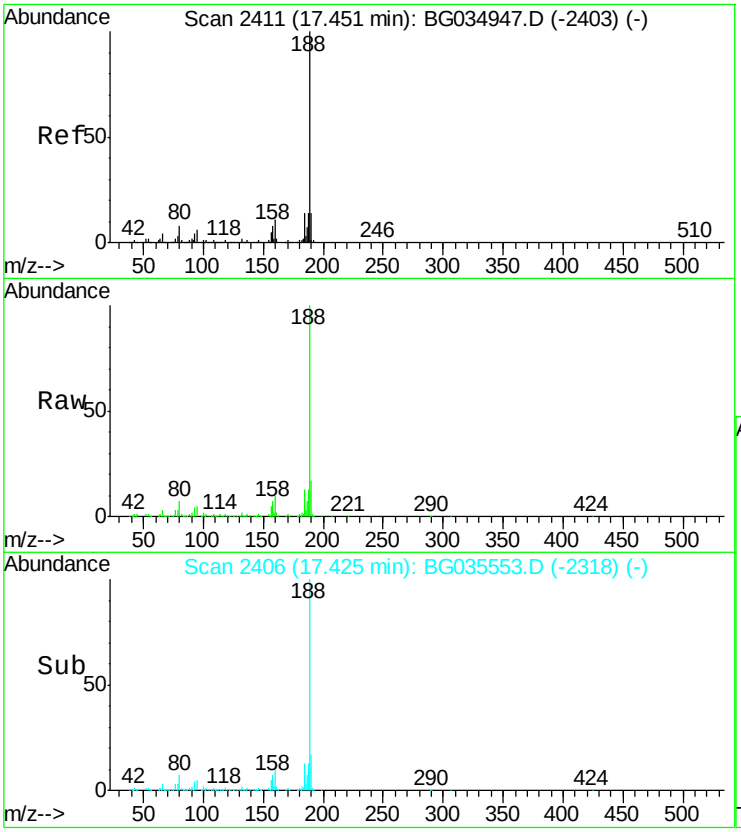


#56
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:165 Resp: 14056

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



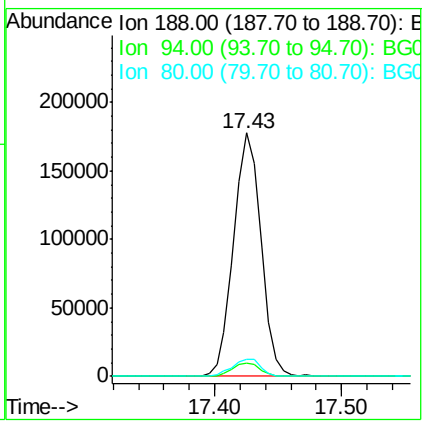


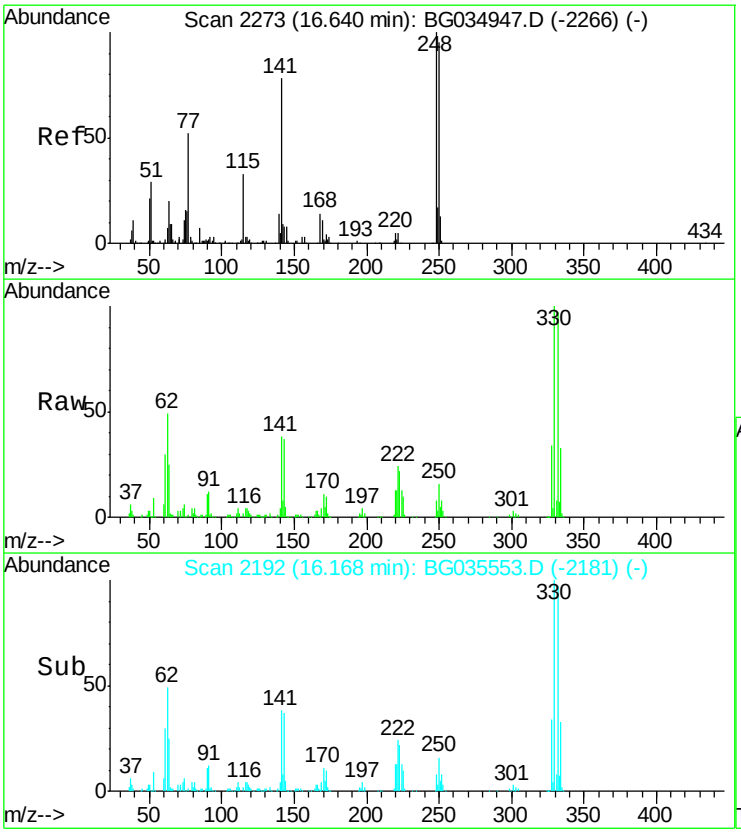
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:188 Resp: 265164

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	7.1	7.7	11.5#

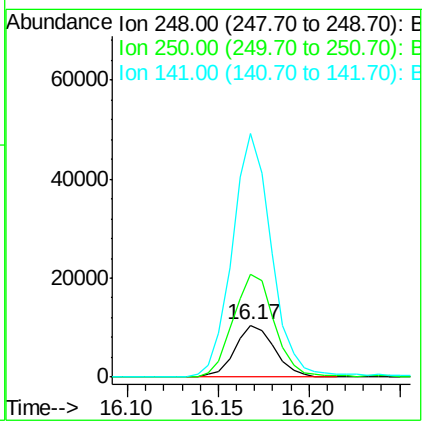


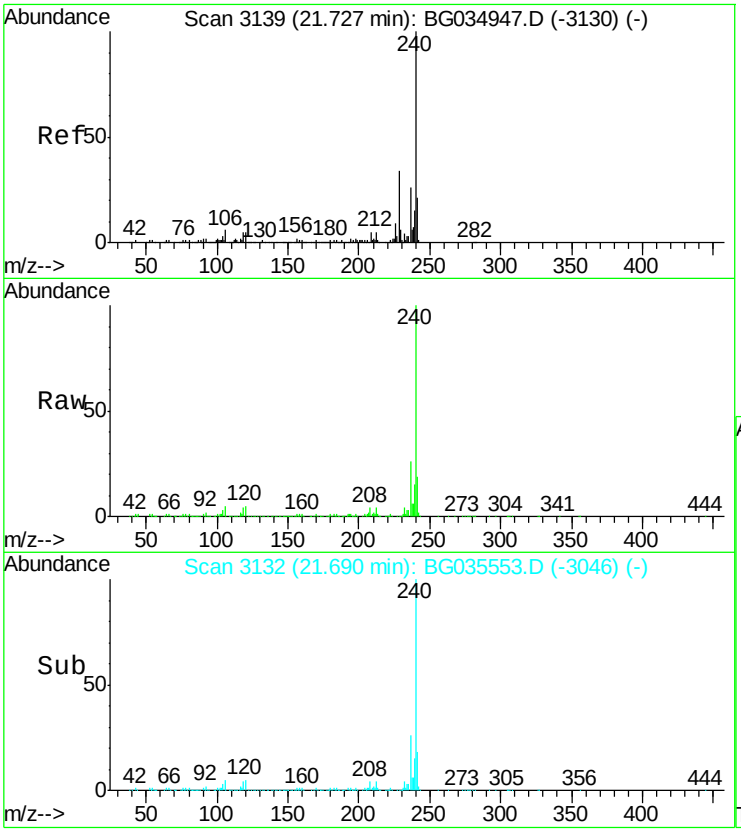


#66
4-Bromophenyl-phenylether
Concen: 4.975 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:248 Resp: 15886

Ion	Ratio	Lower	Upper
248	100		
250	199.8	77.1	115.7#
141	472.0	50.8	76.2#



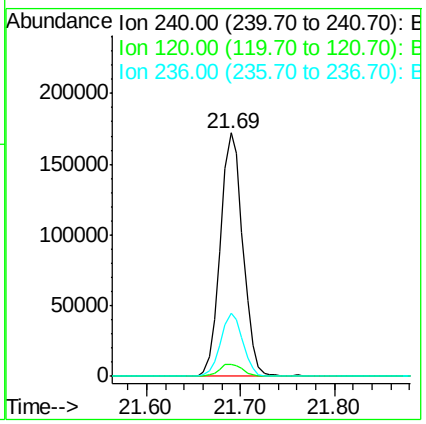


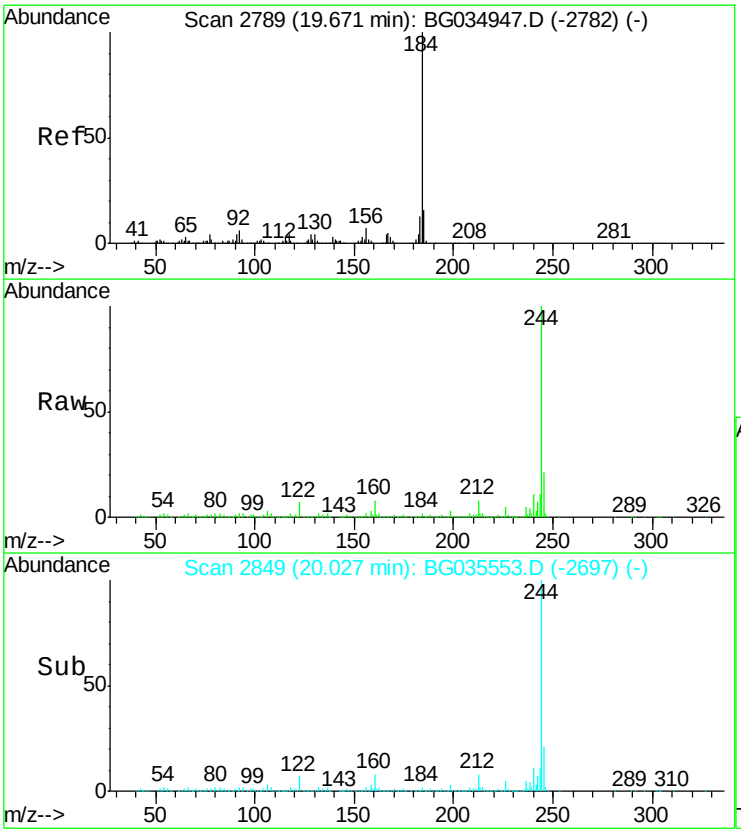
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:240 Resp: 288157

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.7	20.9	31.3

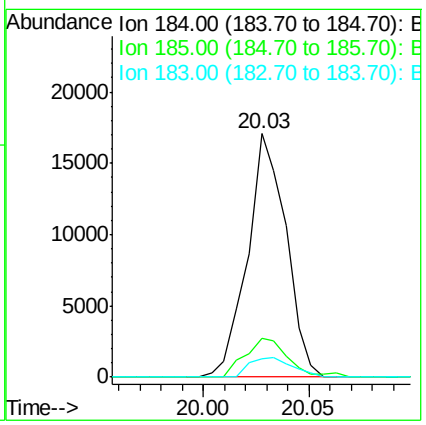


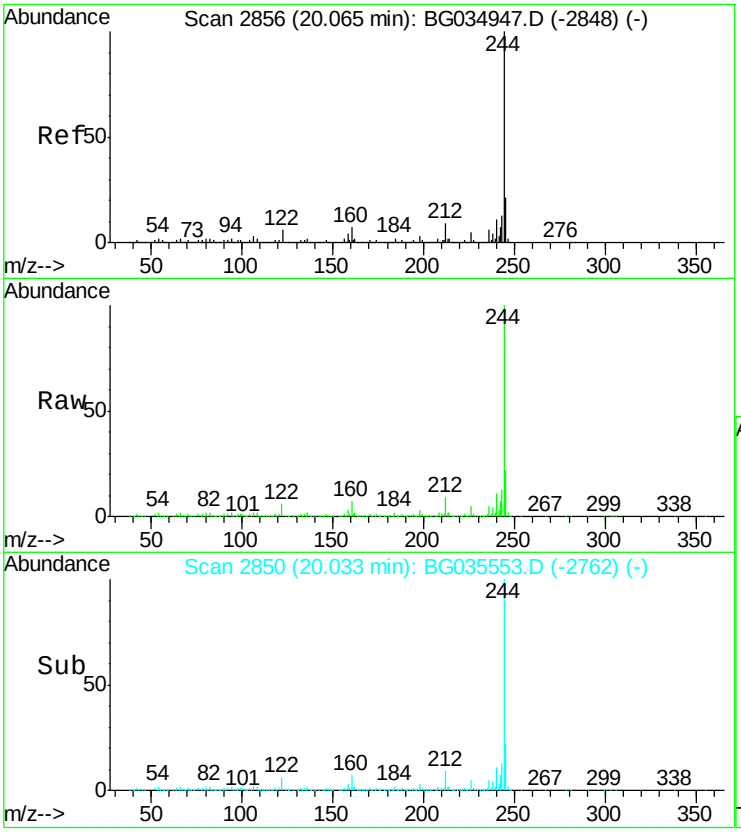


#76
Benzidine
Concen: 2.017 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:184 Resp: 21618

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	7.7	10.6	16.0#



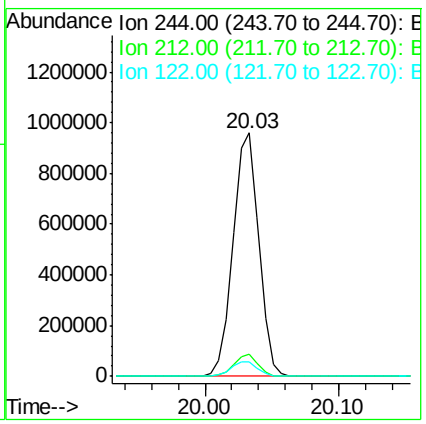


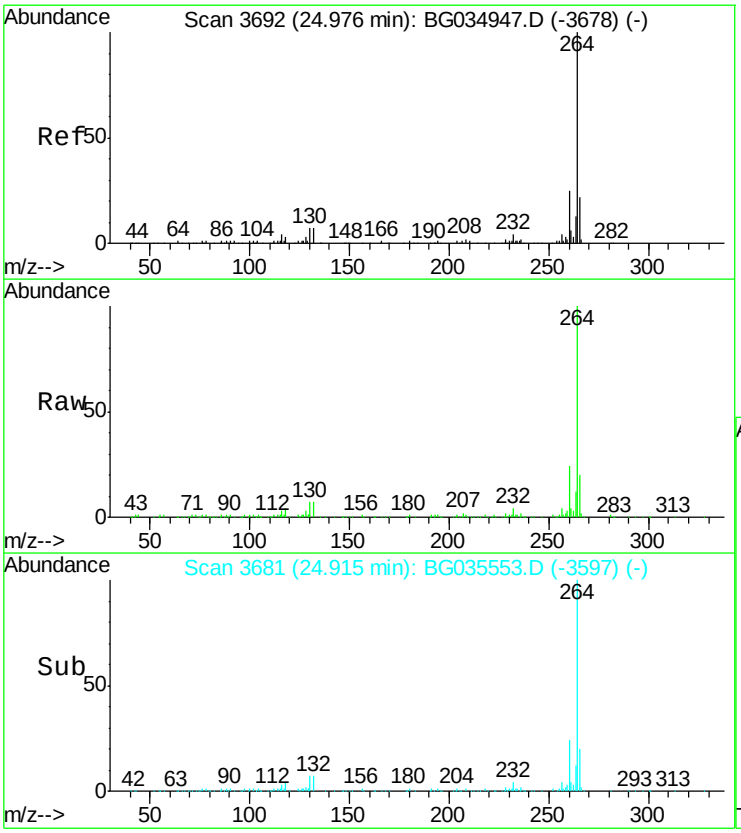
#78
Terphenyl-d14
Concen: 93.694 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tgt Ion:244 Resp: 1288915

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	5.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:264 Resp: 272127

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	19.9	17.7	26.5