Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
Data File : BG035581.D
Acq On : 3 Jul 2018 11:16
Operator : JU/SJ
Sample : J3799-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Time: Jul 03 11:58:06 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	36870	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	144983	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	106679	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	266162	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	286011	20.00	ng		-0.02
86) Perylene-d12	24.91	264	271848	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	130043	59.52	ng		0.00
7) Phenol-d6	7.22	99	134697	41.77	ng		0.00
23) Nitrobenzene-d5	9.23	82	300843	98.63	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	209482	153.40	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	688771	83.93	ng		-0.02
78) Terphenyl-d14	20.03	244	1204918	88.25	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.25	94	7370	2.209	ng		90
19) n-Nitroso-di-n-propylamine	9.22	70	41317	15.082	ng	#	63
27) 2,4-Dimethylphenol	10.04	122	7583	3.351	ng		92
32) Benzoic acid	10.04	122	7583	5.003	ng	#	7
49) Dimethylphthalate	14.13	163	46587	5.008	ng	#	97
56) 2,4-Dinitrotoluene	14.68	165	13978	6.200	ng	#	19
66) 4-Bromophenyl-phenylether	16.17	248	16238	5.066	ng	#	1
76) Benzidine	20.03	184	21288	2.001	ng	#	92

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

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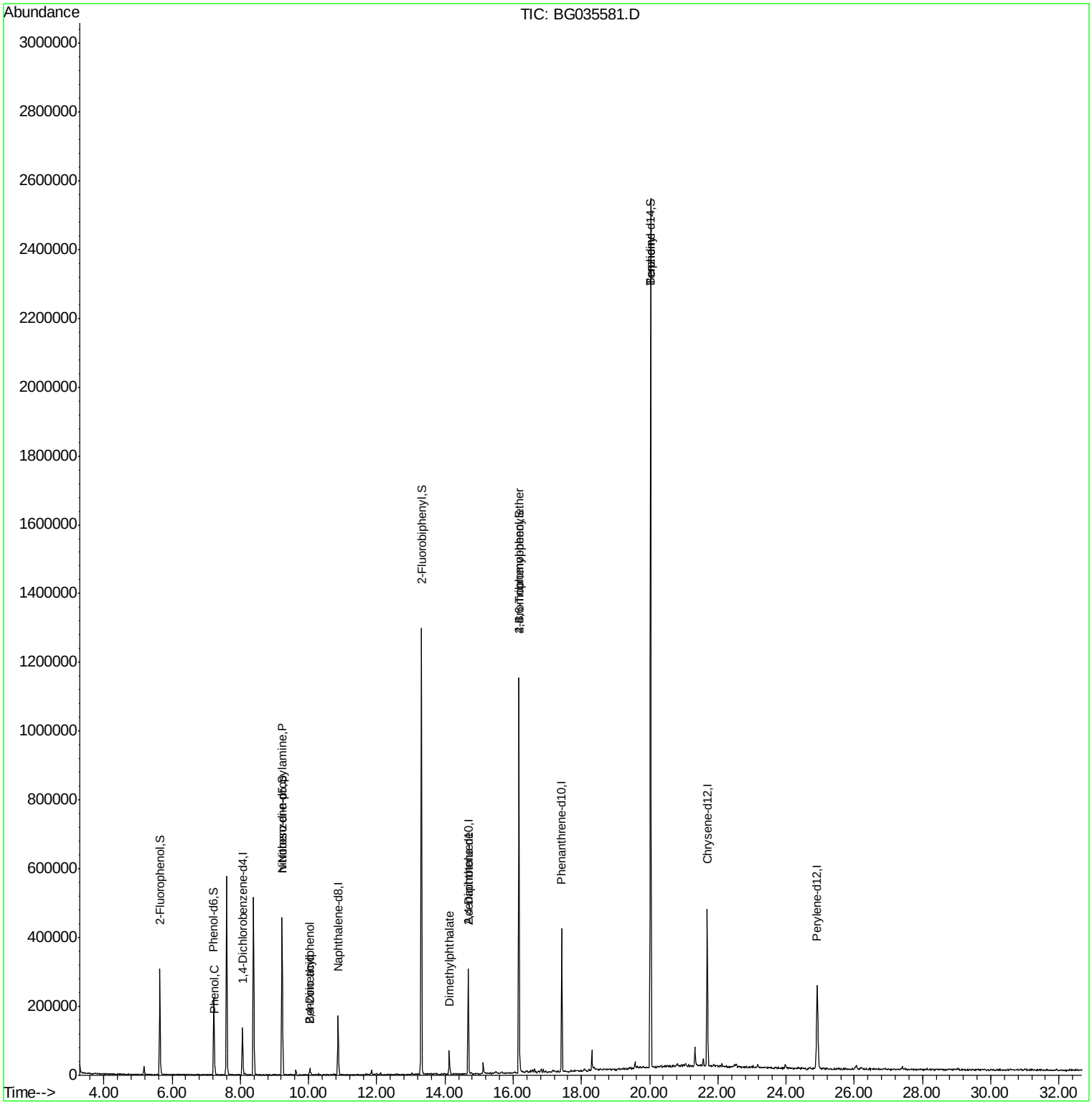
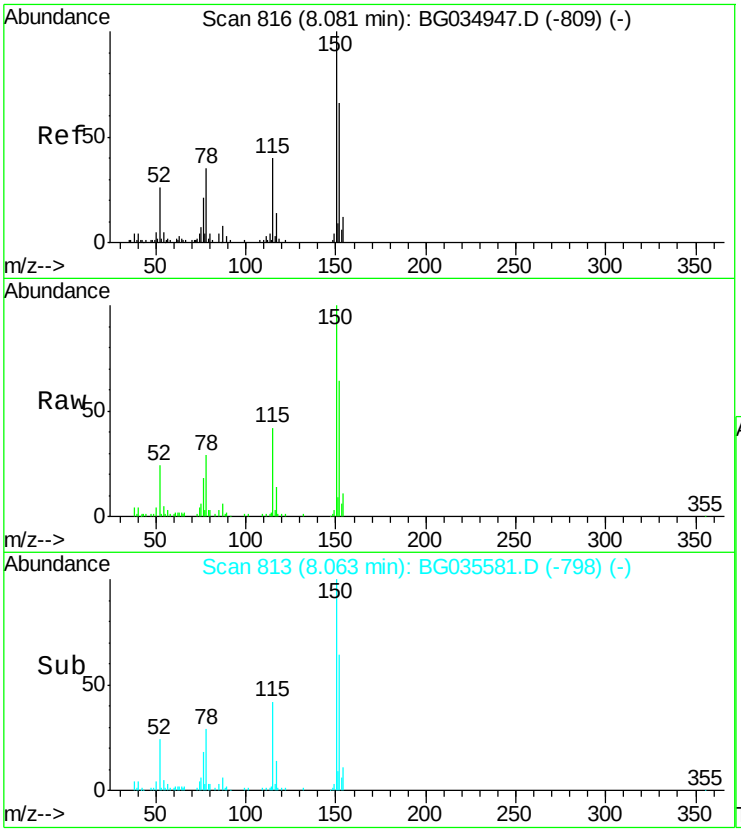


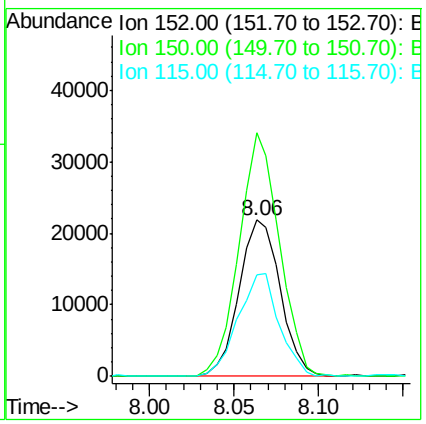


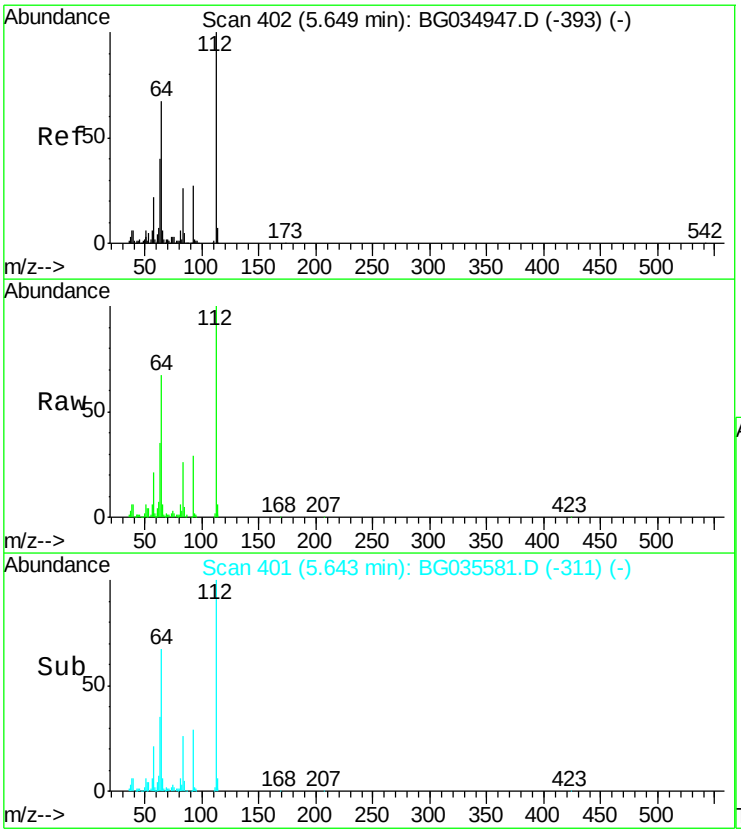
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 36870

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	189.8
115	64.8	53.0	79.4

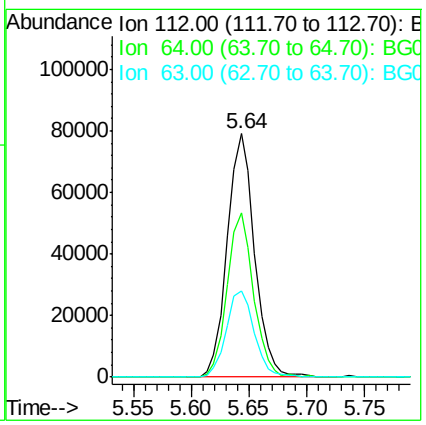


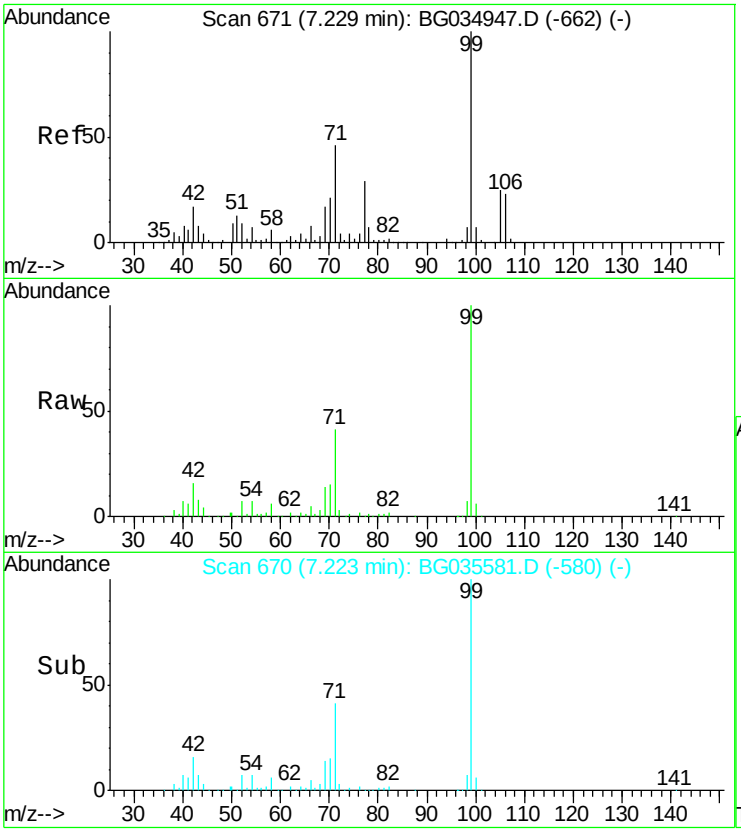


#5
2-Fluorophenol
Concen: 59.523 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:112 Resp: 130043

Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.3	84.5
63	35.5	30.1	45.1



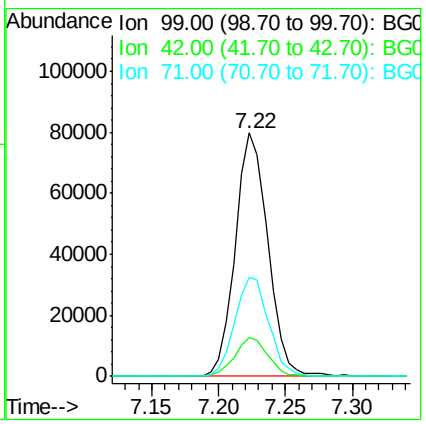


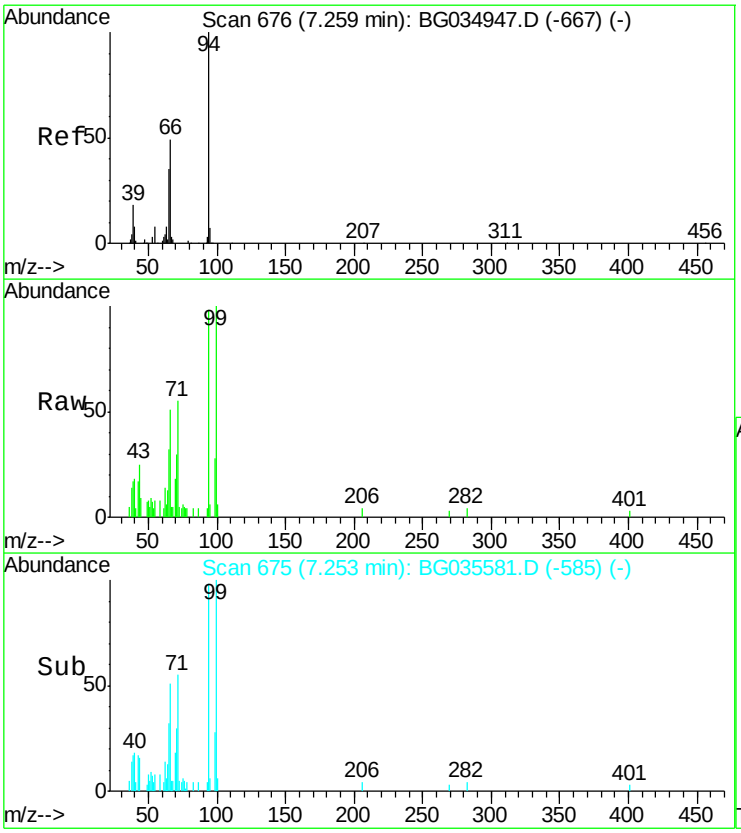
#7
Phenol-d6
Concen: 41.772 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 134697

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	40.5	26.1	39.1#

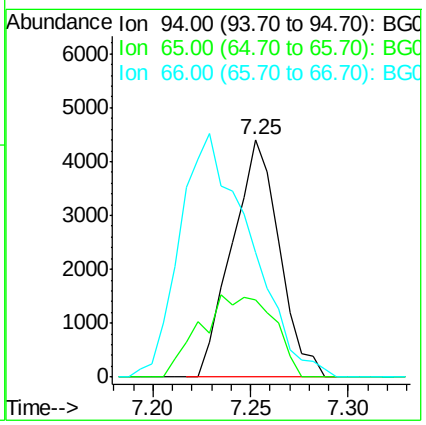


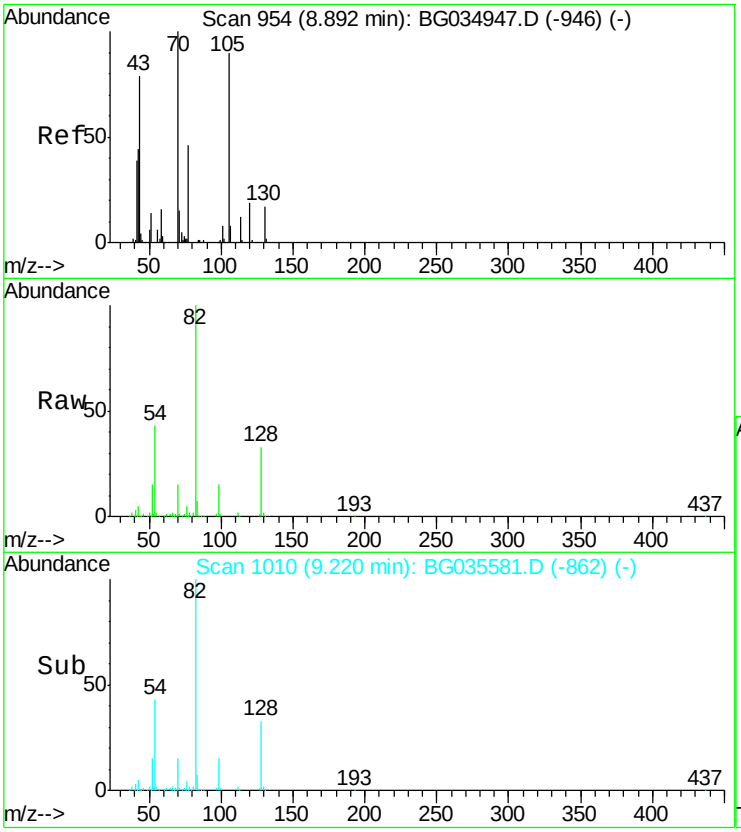


#10
Phenol
Concen: 2.209 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion: 94 Resp: 7370

Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	52.6	22.2	62.2



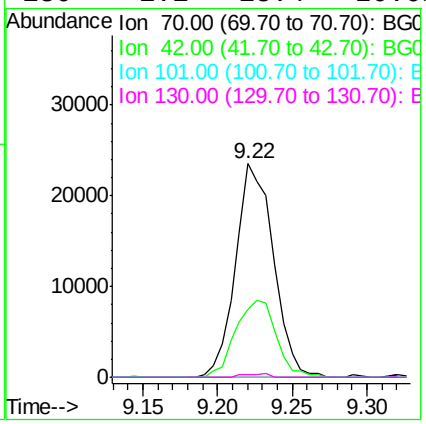


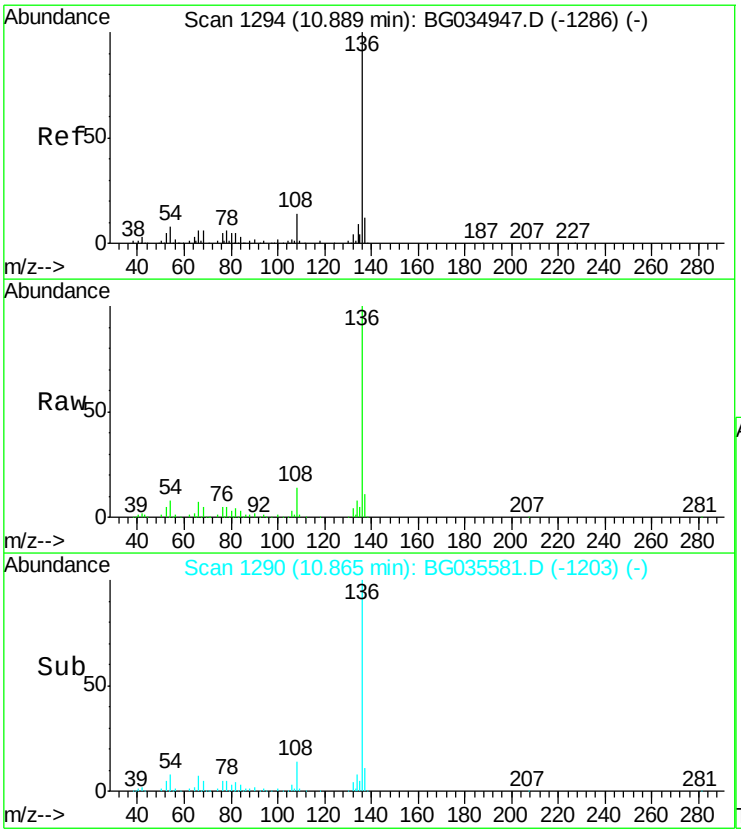
#19
n-Nitroso-di-n-propylamine
Concen: 15.082 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 70 Resp: 41317

Ion	Ratio	Lower	Upper
70	100		
42	31.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#

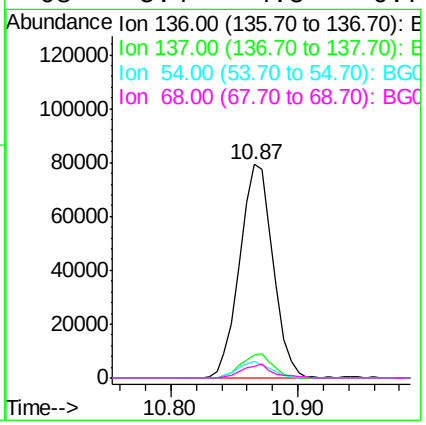


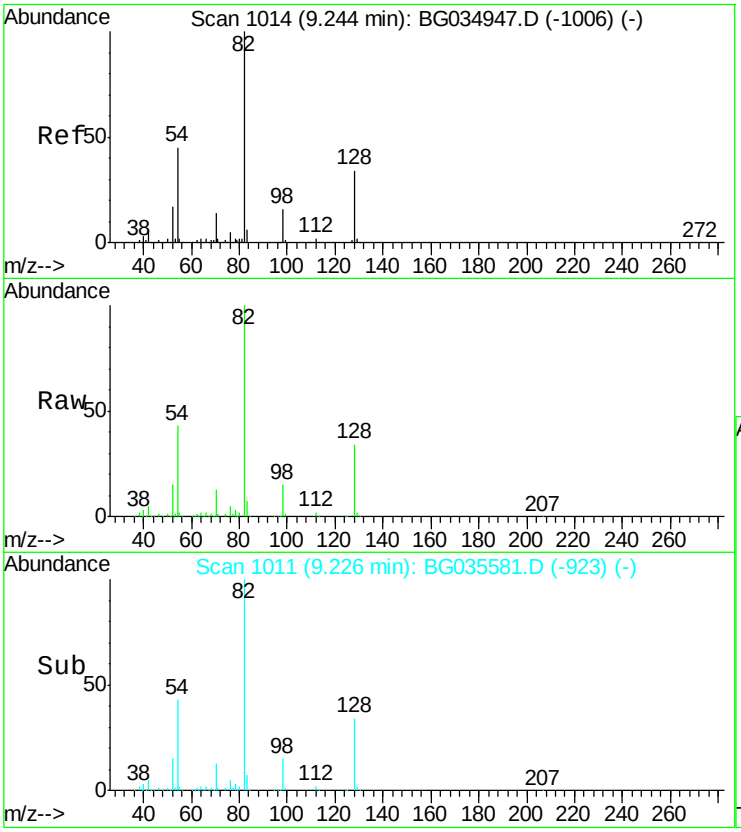


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:136 Resp: 144983

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	10.3	15.5#
68	5.4	4.5	6.7



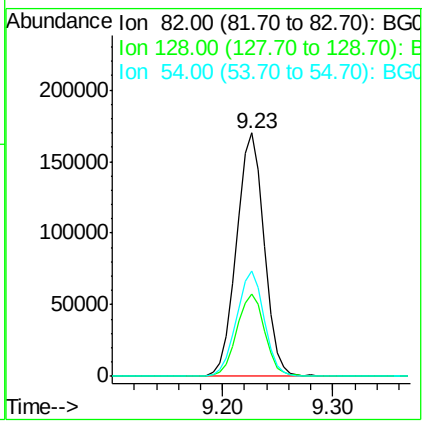


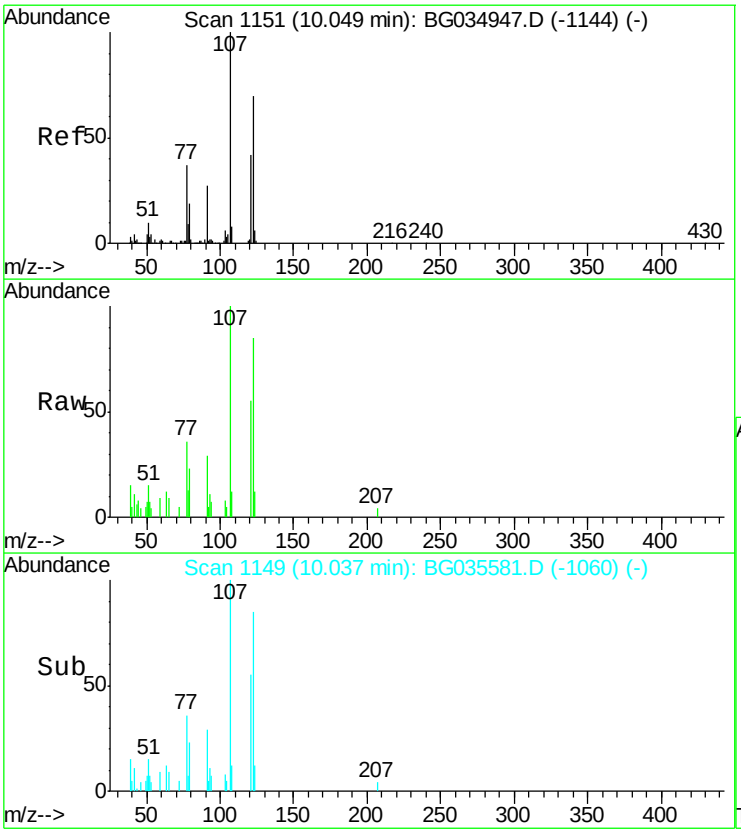
#23
Nitrobenzene-d5
Concen: 98.635 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 300843

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	43.3	43.1	64.7

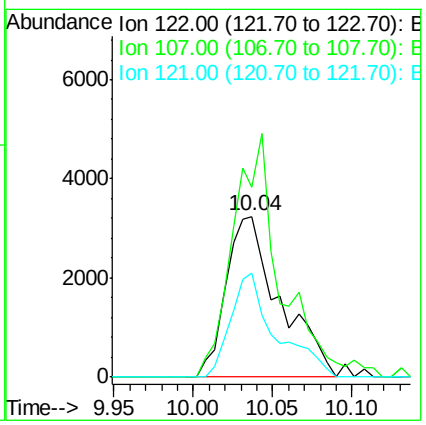


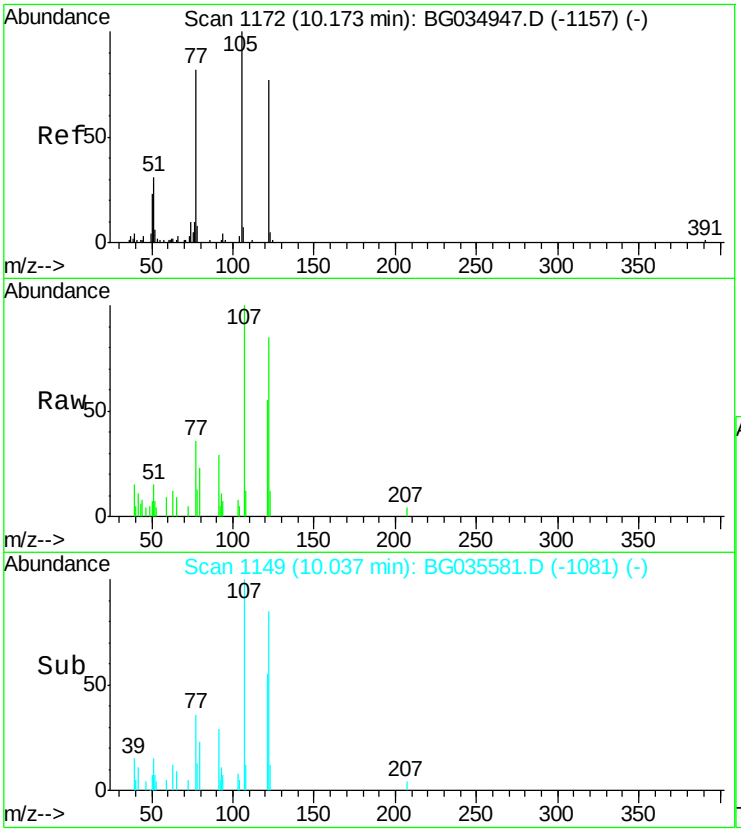


#27
2,4-Dimethylphenol
Concen: 3.351 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:122 Resp: 7583

Ion	Ratio	Lower	Upper
122	100		
107	118.3	100.2	150.2
121	64.9	44.4	66.6



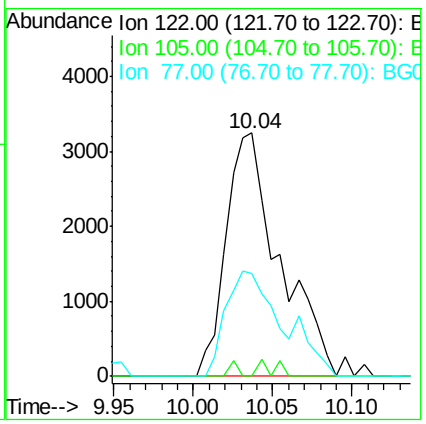


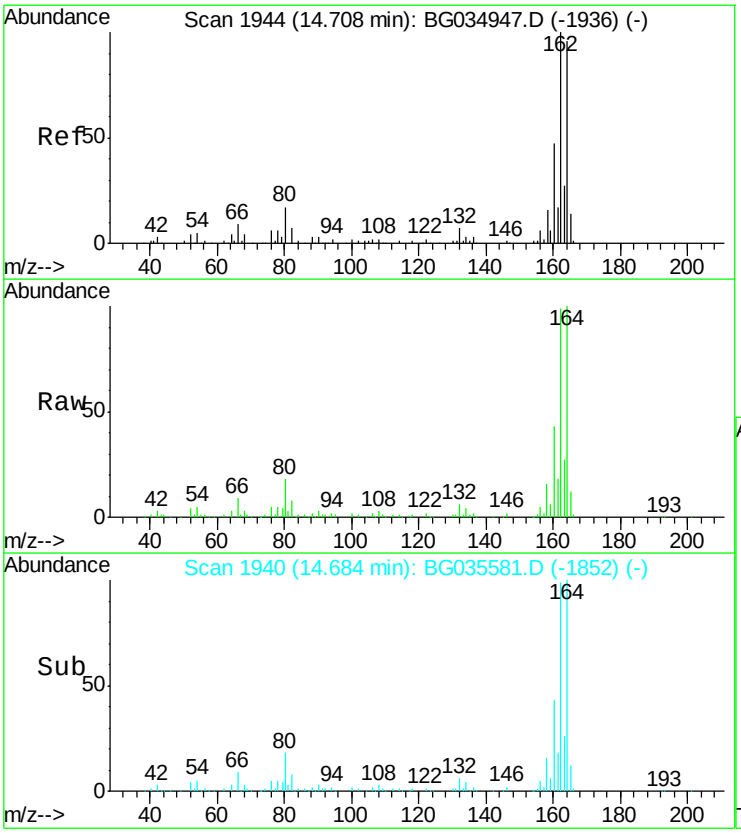
#32
Benzoic acid
Concen: 5.003 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.13 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:122 Resp: 7583

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	42.2	85.7	125.7#

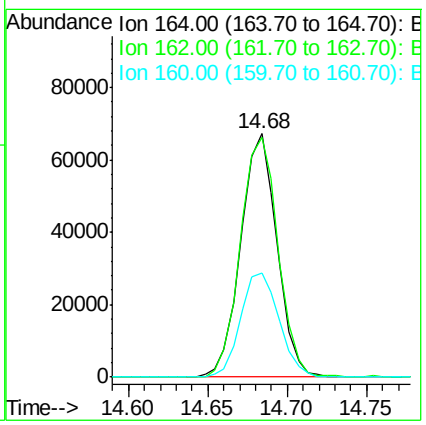


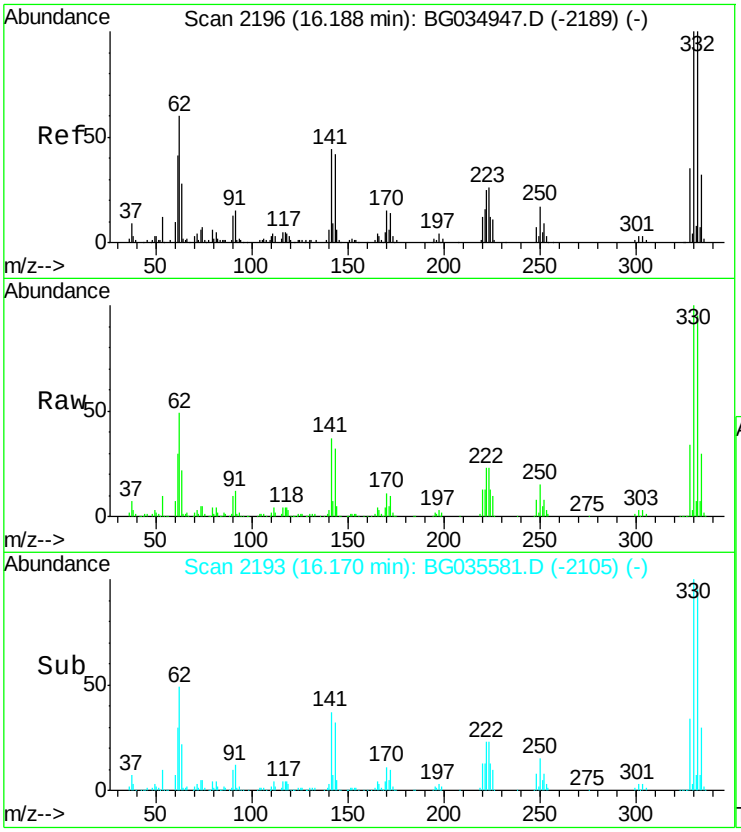


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:164 Resp: 106679

Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.8	118.2
160	42.8	35.4	53.0



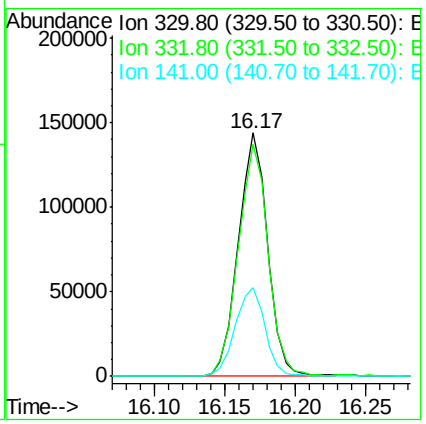


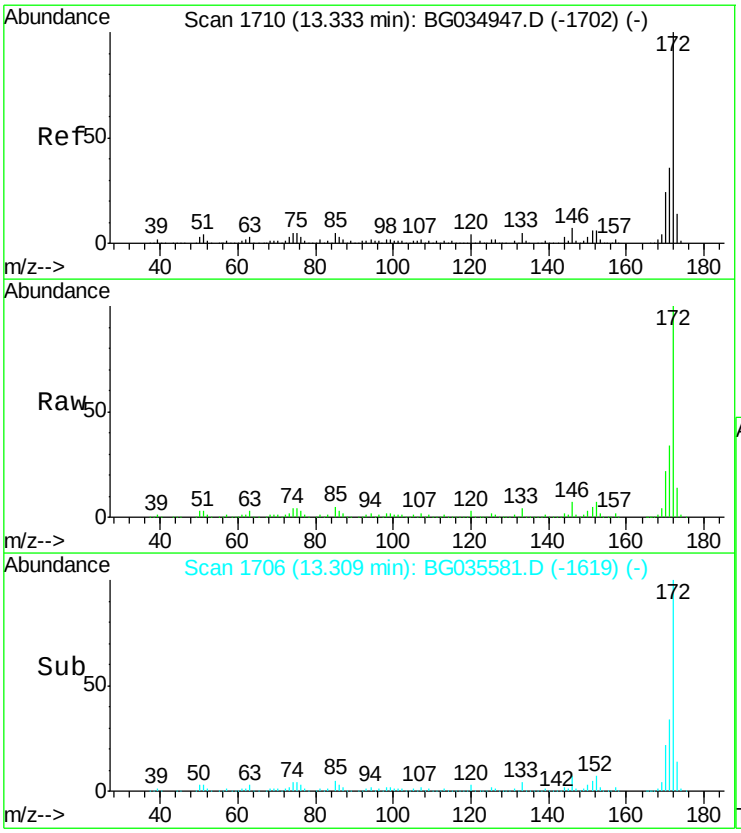
#41
2,4,6-Tribromophenol
Concen: 153.396 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:330 Resp: 209482

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	37.3	25.2	37.8

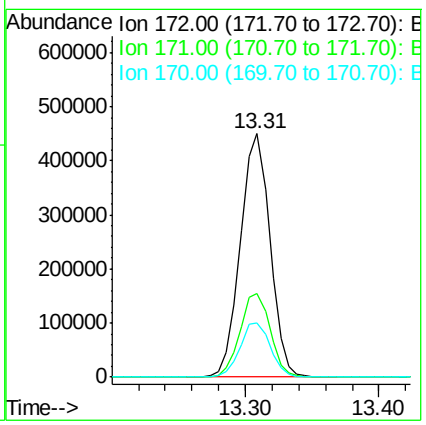


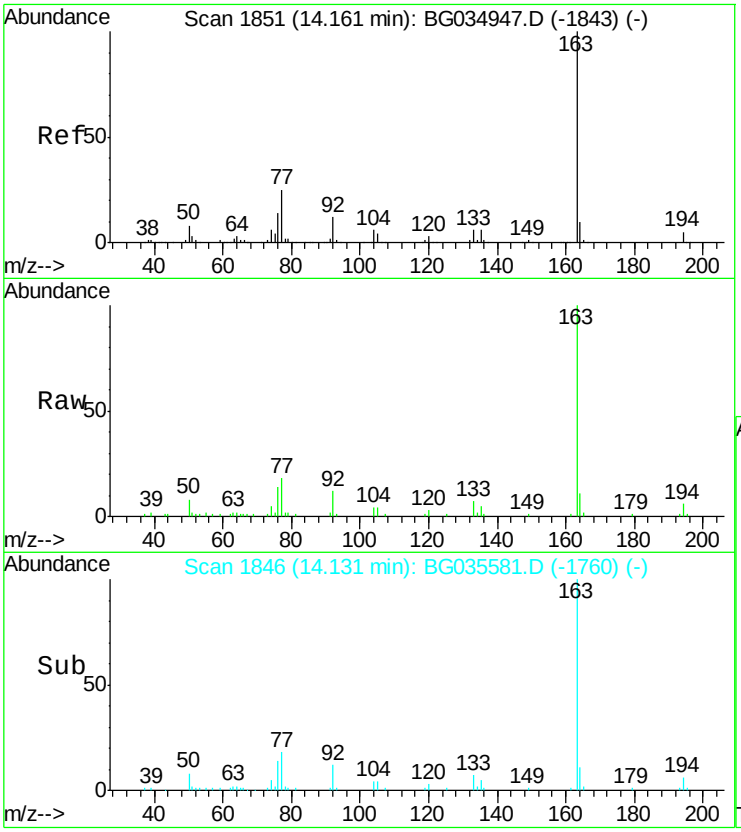


#44
2-Fluorobiphenyl
Concen: 83.934 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:172 Resp: 688771

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.2	19.5	29.3



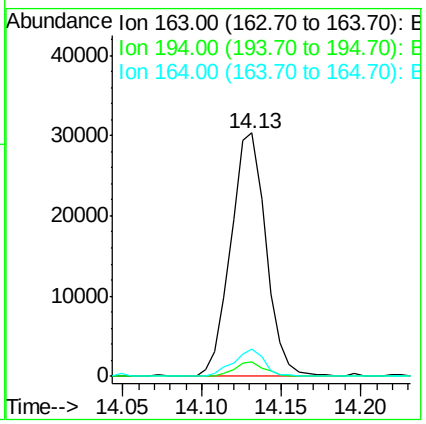


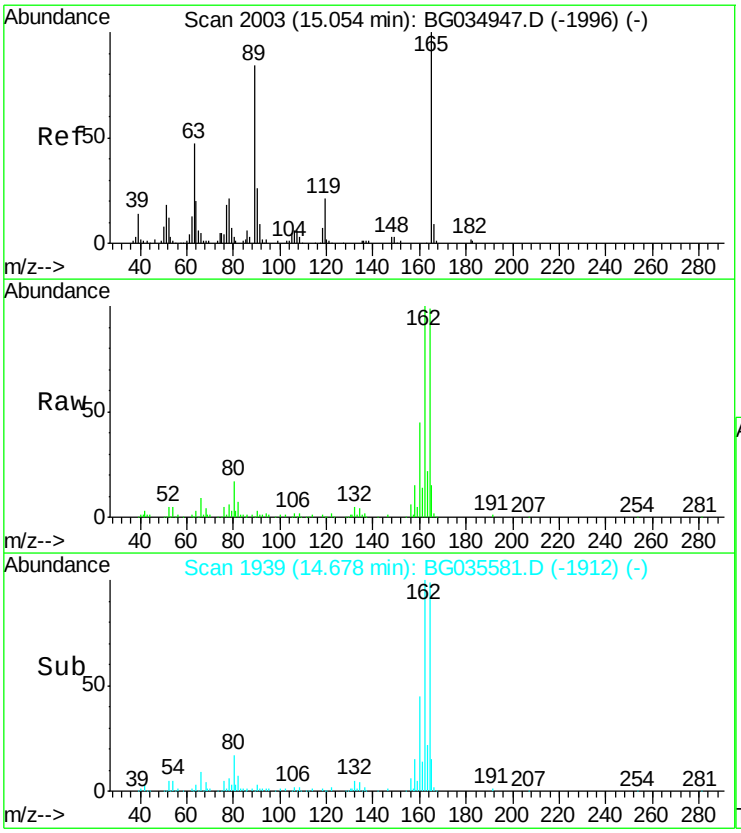
#49
Dimethylphthalate
Concen: 5.008 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:163 Resp: 46587

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	11.3	8.2	12.4

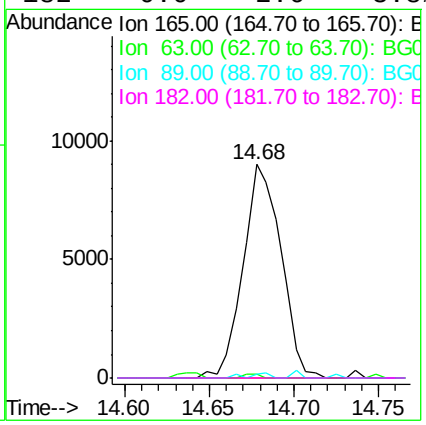


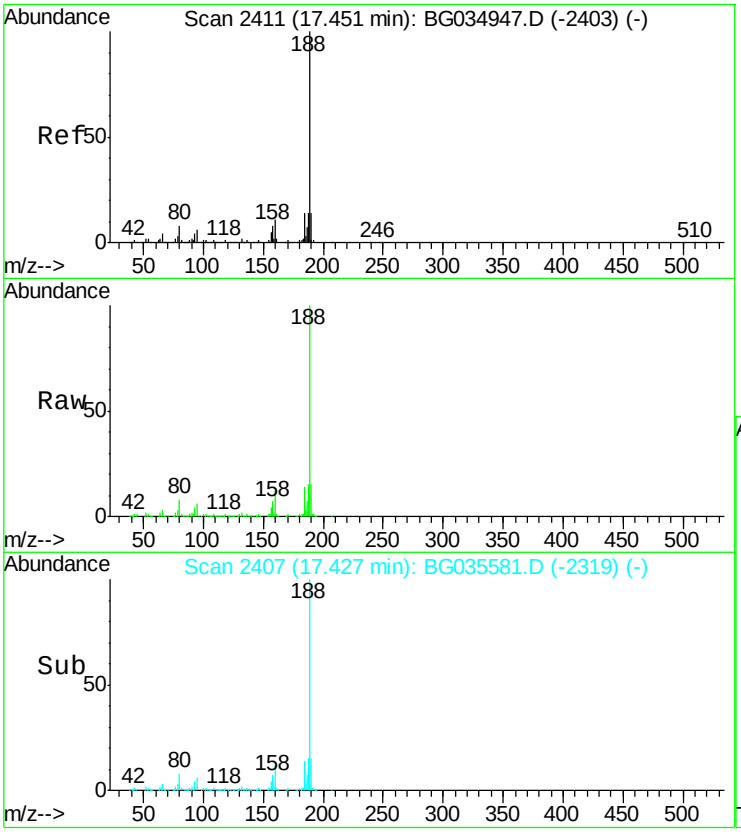


#56
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:165 Resp: 13978

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#



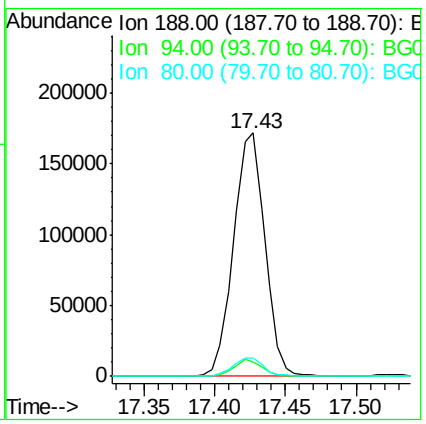


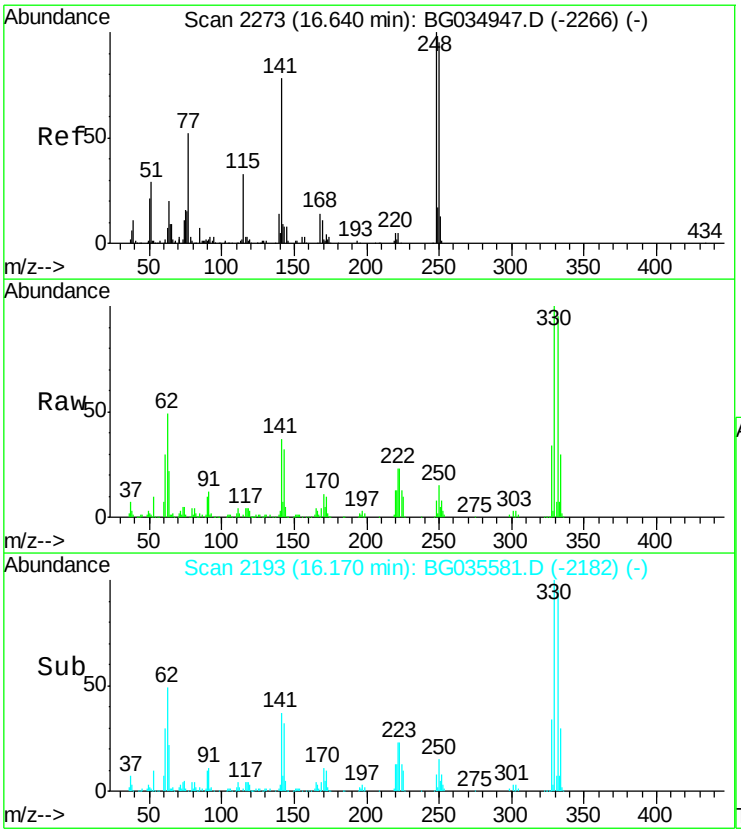
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:188 Resp: 266162

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.5	7.7	11.5#

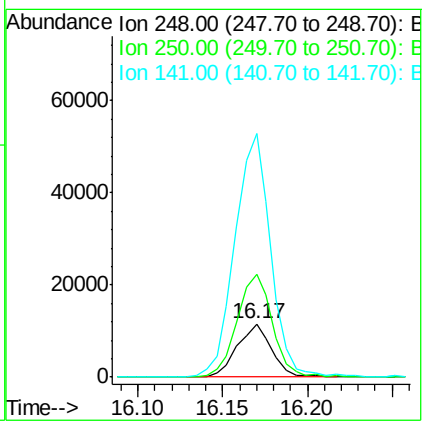


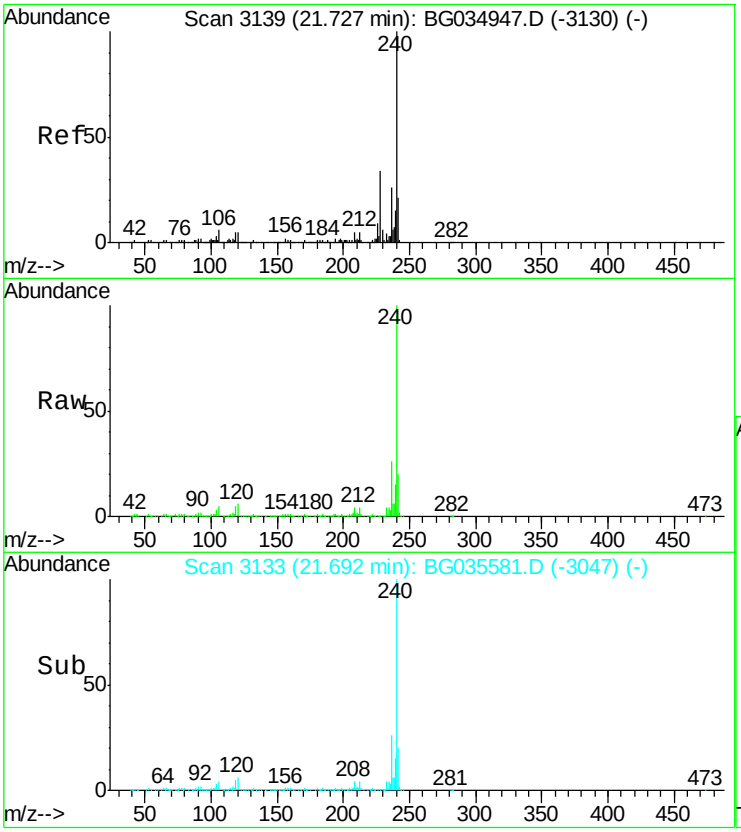


#66
4-Bromophenyl-phenylether
Concen: 5.066 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.47 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:248 Resp: 16238

Ion	Ratio	Lower	Upper
248	100		
250	192.1	77.1	115.7#
141	455.2	50.8	76.2#



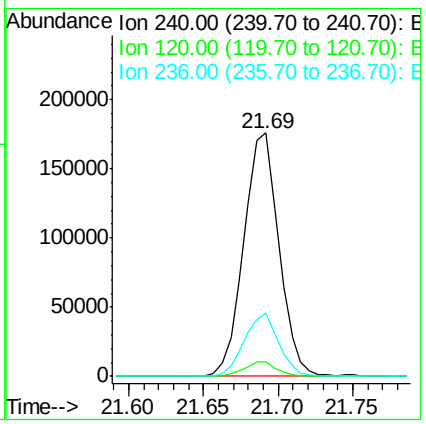


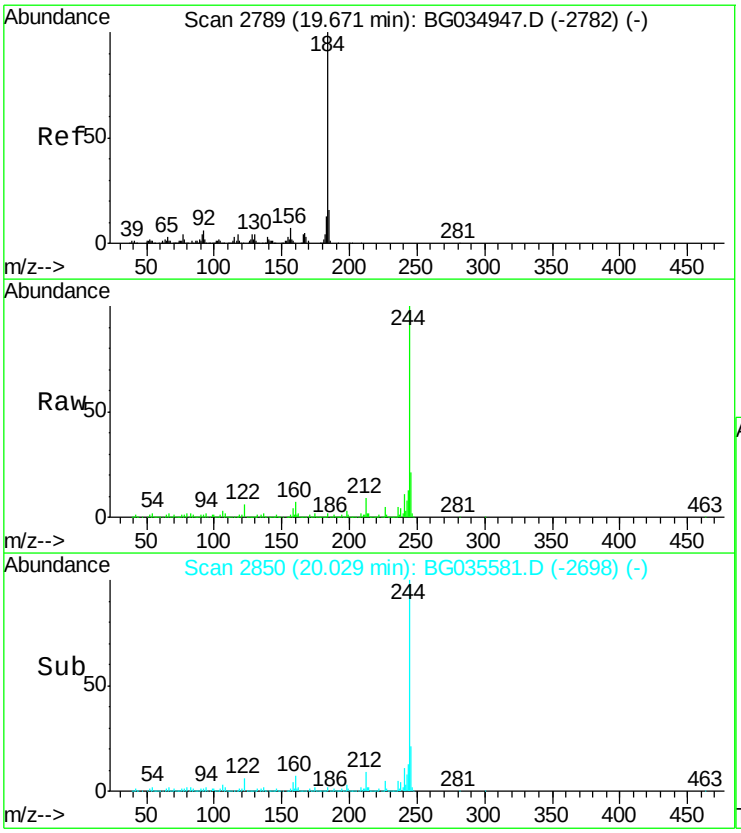
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:240 Resp: 286011

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.9	20.9	31.3

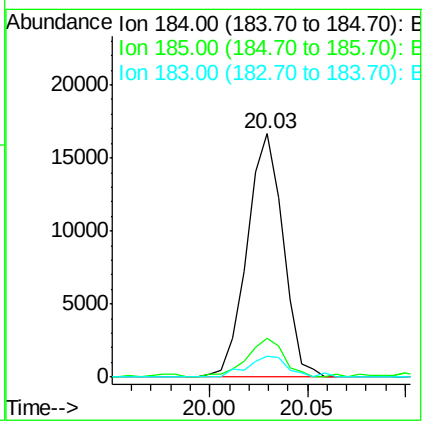


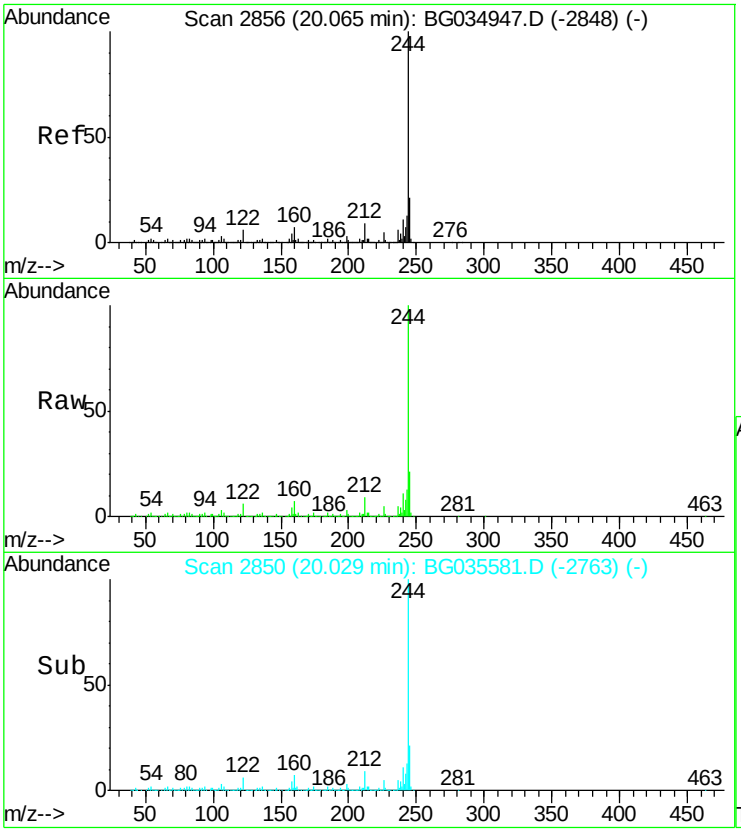


#76
Benzidine
Concen: 2.001 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:184 Resp: 21288

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.1	16.7
183	8.6	10.6	16.0#



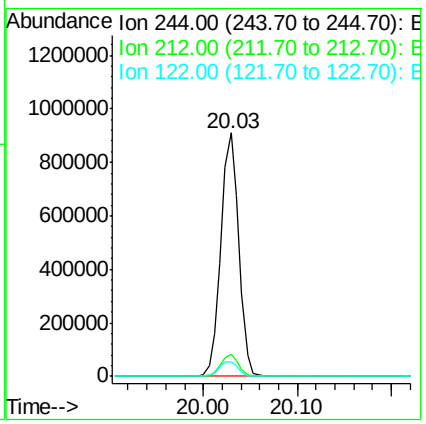


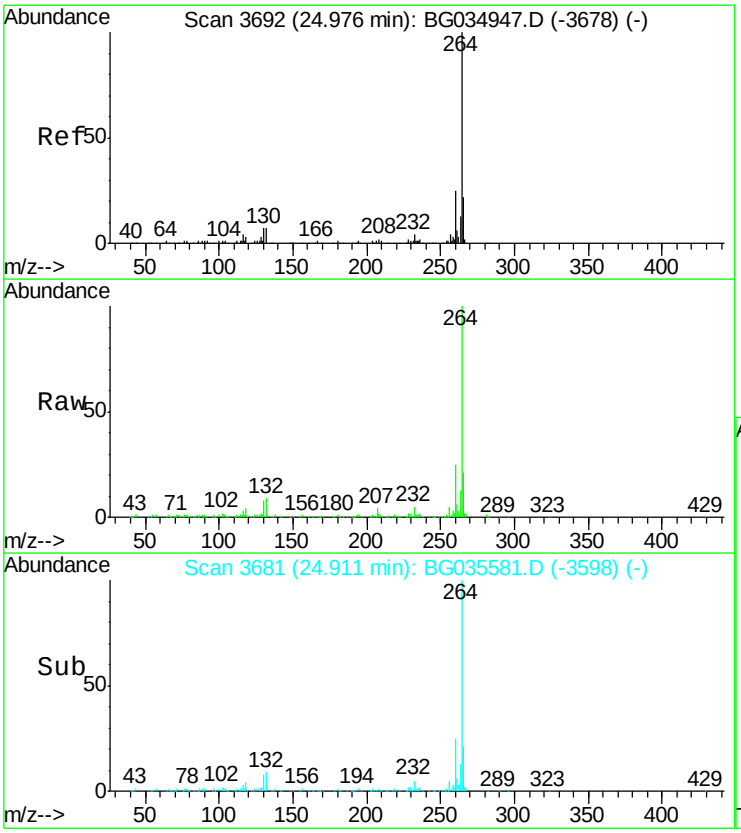
#78
Terphenyl-d14
Concen: 88.245 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035581.D
Acq: 3 Jul 2018 11:16

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:244 Resp: 1204918

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.1	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: BG035581.D
Acq: 3 Jul 2018 11:16

Tgt Ion:264 Resp: 271848

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.4	17.7	26.5