Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032604.D
Acq On : 7 Feb 2018 21:36
Operator : SJ/JU
Sample : J1403-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 08 02:27:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	18232	20.00	ng	-0.03
21) Naphthalene-d8	11.57	136	80372	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	53928	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	150960	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	202462	20.00	ng	-0.01
86) Perylene-d12	26.08	264	196939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	133001	146.52	ng	-0.02
7) Phenol-d6	7.81	99	153758	126.94	ng	-0.02
23) Nitrobenzene-d5	9.89	82	129026	100.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	188496	183.63	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	486653	107.26	ng	-0.02
78) Terphenyl-d14	20.61	244	1118939	118.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	645	2.11	ng	# 1
15) Benzyl Alcohol	9.02	79	2126	2.13	ng	# 44
19) n-Nitroso-di-n-propylamine	9.88	70	18635	23.20	ng	# 80
31) Naphthalene	11.61	128	11946	3.04	ng	# 95
32) Benzoic acid	11.04	122	61	7.35	ng	# 1
50) 2,6-Dinitrotoluene	15.32	165	7212	6.91	ng	# 18
56) 2,4-Dinitrotoluene	15.32	165	7212	4.85	ng	# 16
66) 4-Bromophenyl-phenylether	16.81	248	14289	6.39	ng	# 1
76) Benzidine	20.61	184	16243	4.09	ng	# 94

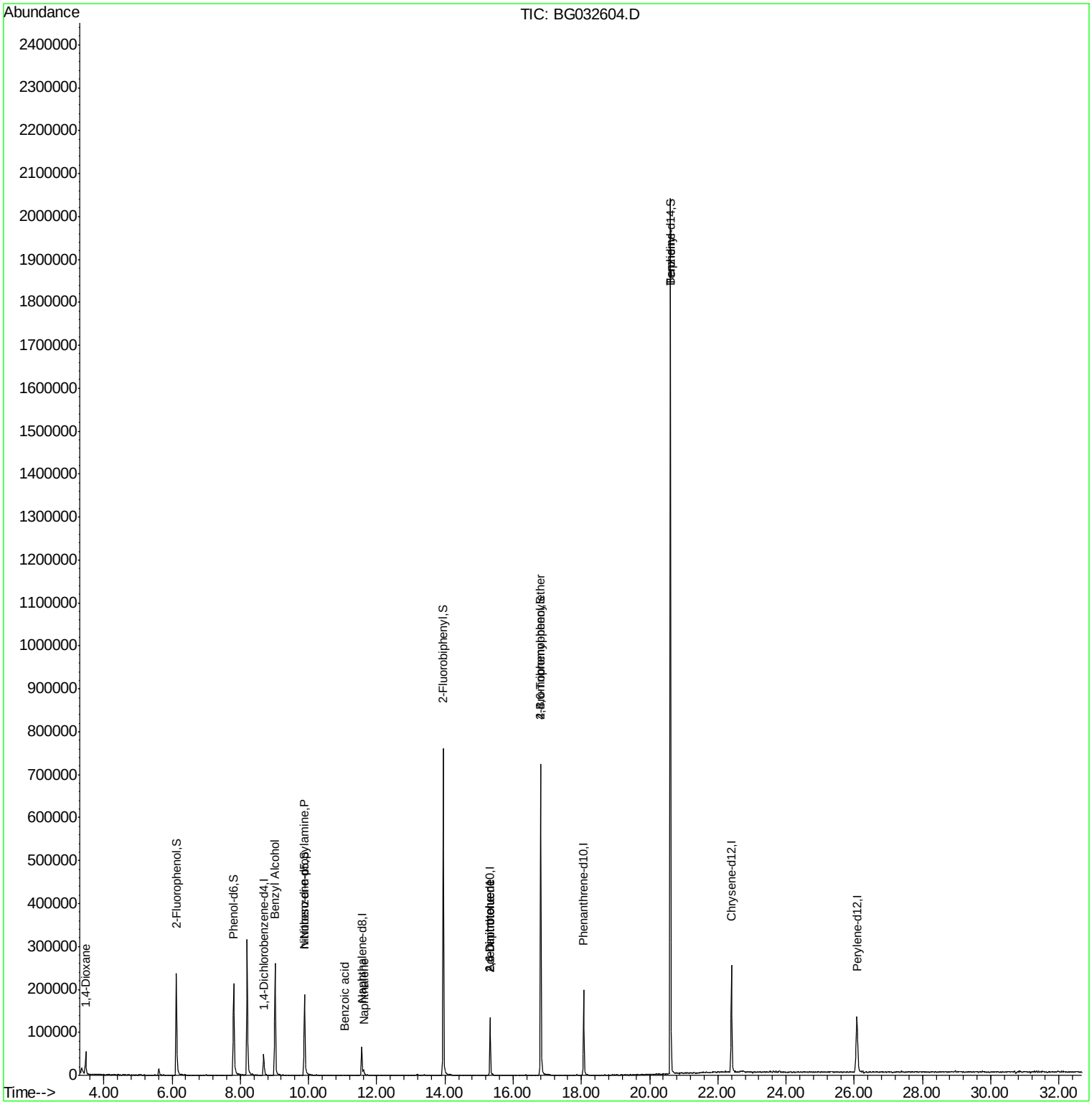
(#) = qualifier out of range (m) = manual integration (+) = signals summed

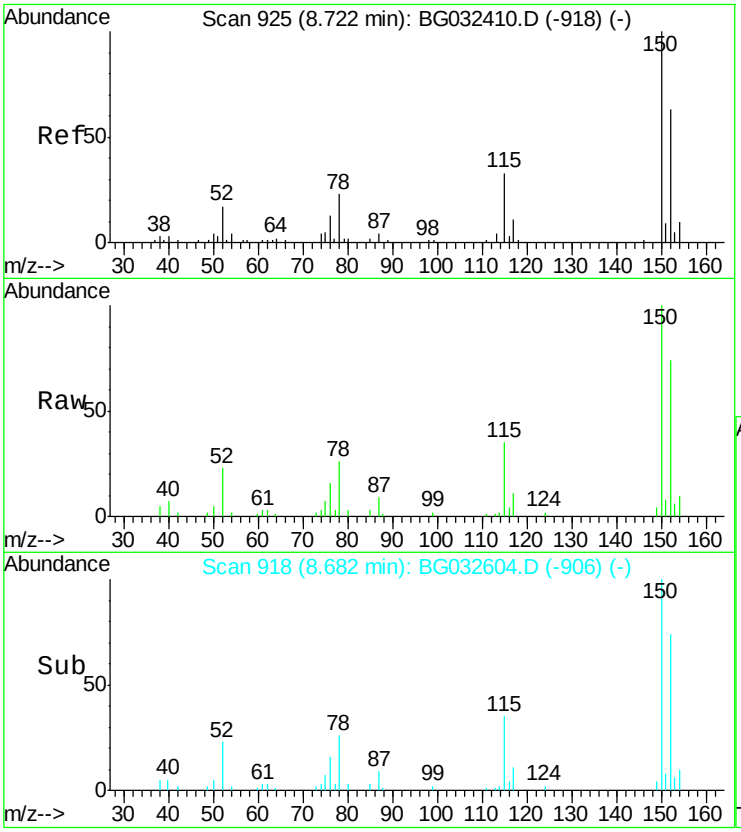
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032604.D
Acq On : 7 Feb 2018 21:36
Operator : SJ/JU
Sample : J1403-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 08 02:27:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration



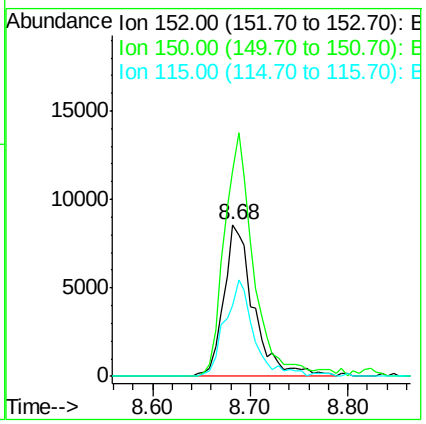


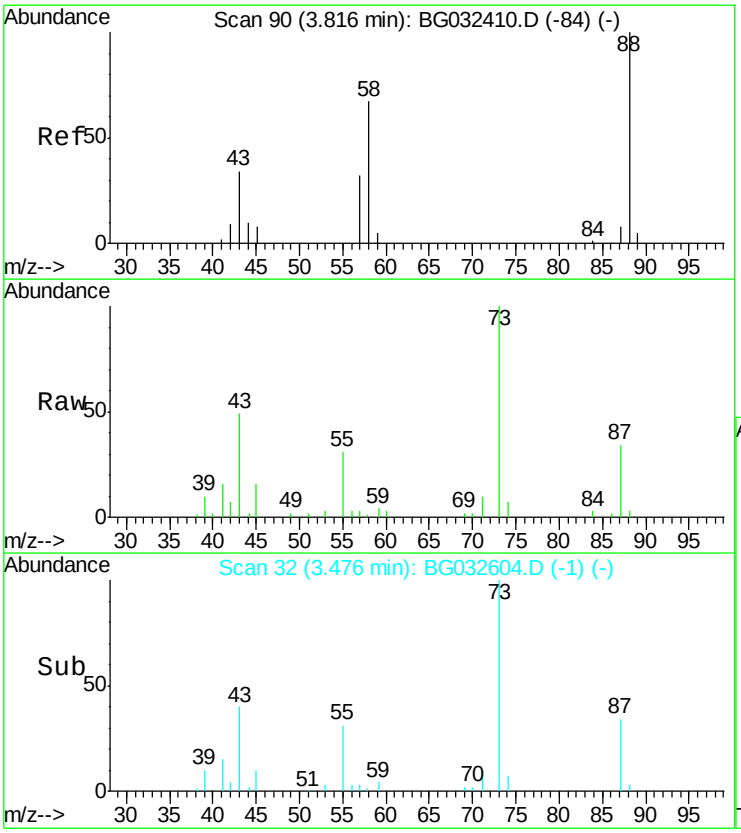
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18232

Ion	Ratio	Lower	Upper
152	100		
150	135.8	126.6	189.8
115	46.9	53.0	79.4#

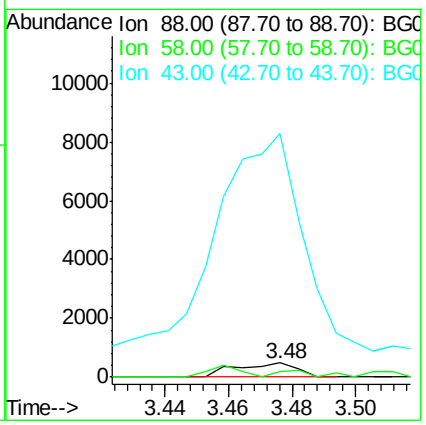


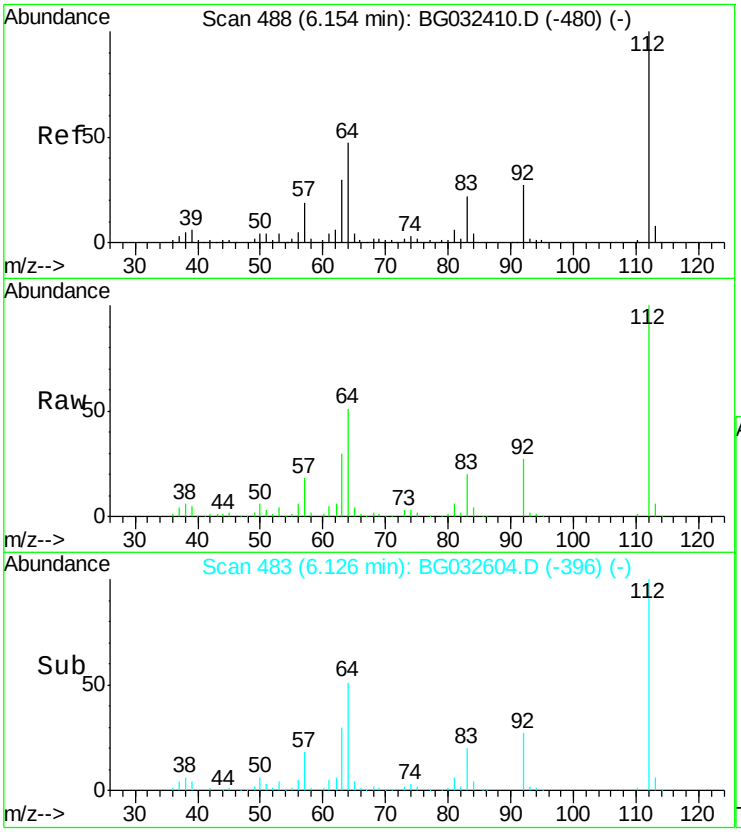


#2
1,4-Dioxane
Concen: 2.11 ng
RT: 3.48 min Scan# 32
Delta R.T. -0.33 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion: 88 Resp: 645

Ion	Ratio	Lower	Upper
88	100		
58	33.0	79.6	119.4#
43	2128.5	27.4	41.0#



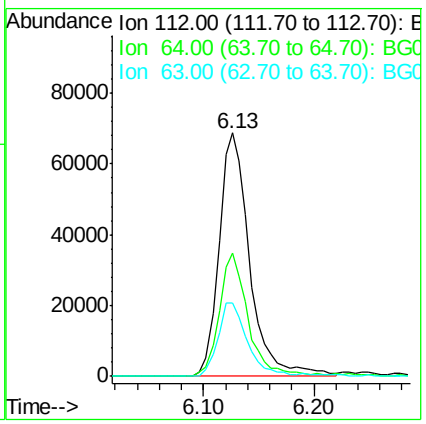


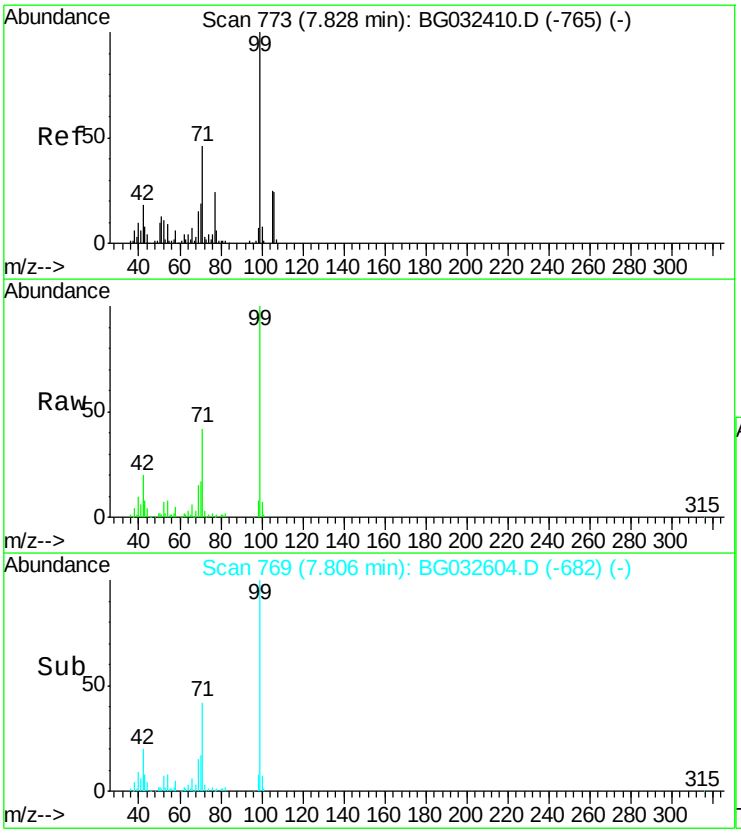
#5
2-Fluorophenol
Concen: 146.52 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 133001

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	30.2	30.1	45.1

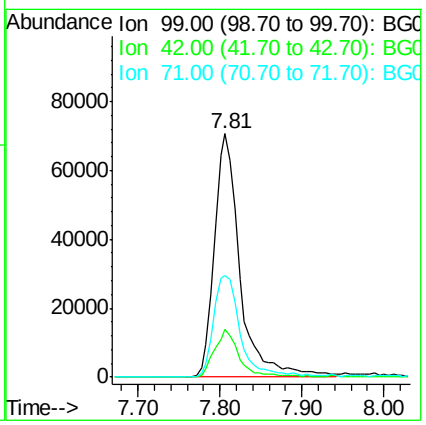


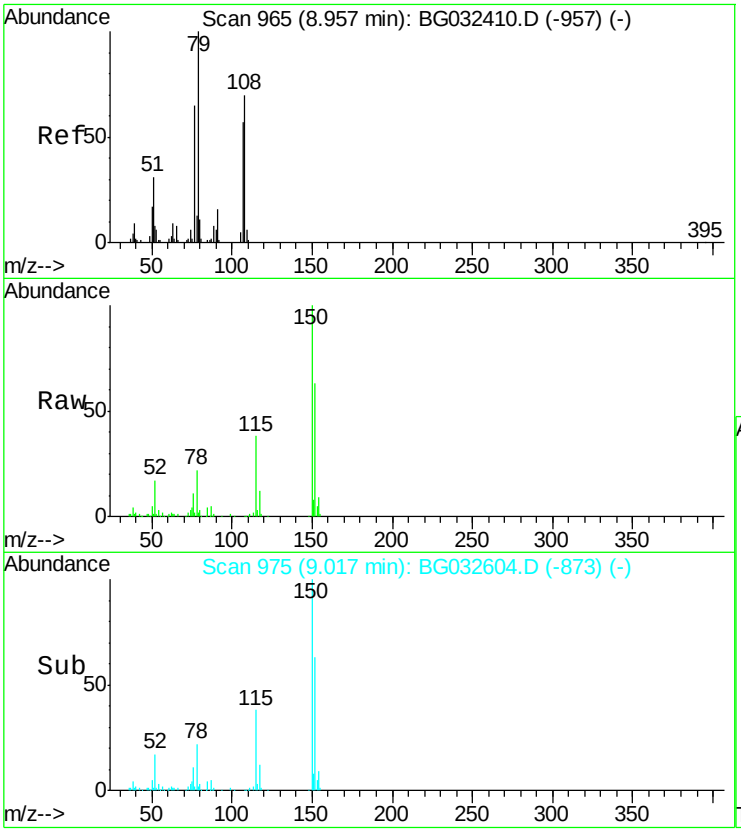


#7
Phenol-d6
Concen: 126.94 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion: 99 Resp: 153758

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	41.9	26.1	39.1#



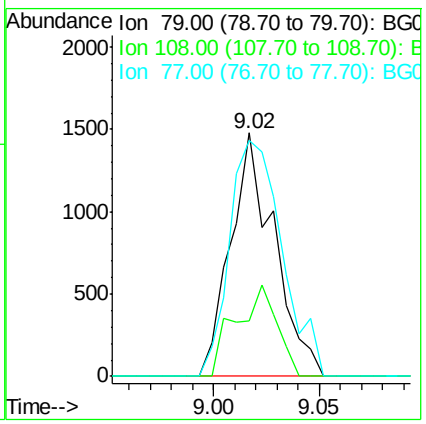


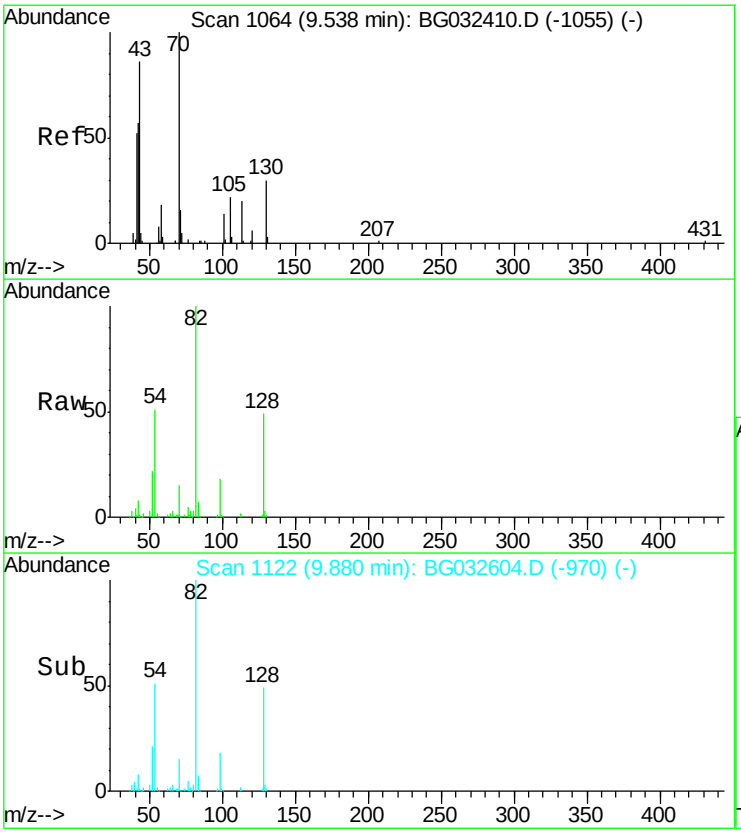
#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 9.02 min Scan# 975
Delta R.T. 0.07 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2126

Ion	Ratio	Lower	Upper
79	100		
108	22.8	57.2	85.8#
77	97.0	46.1	69.1#

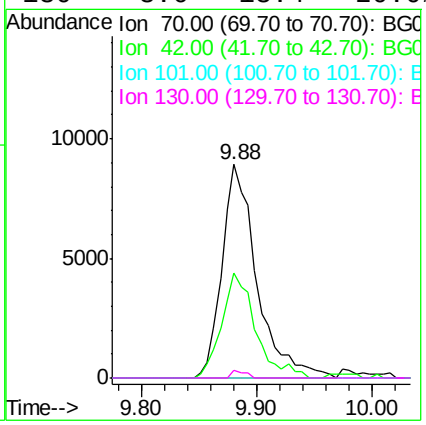


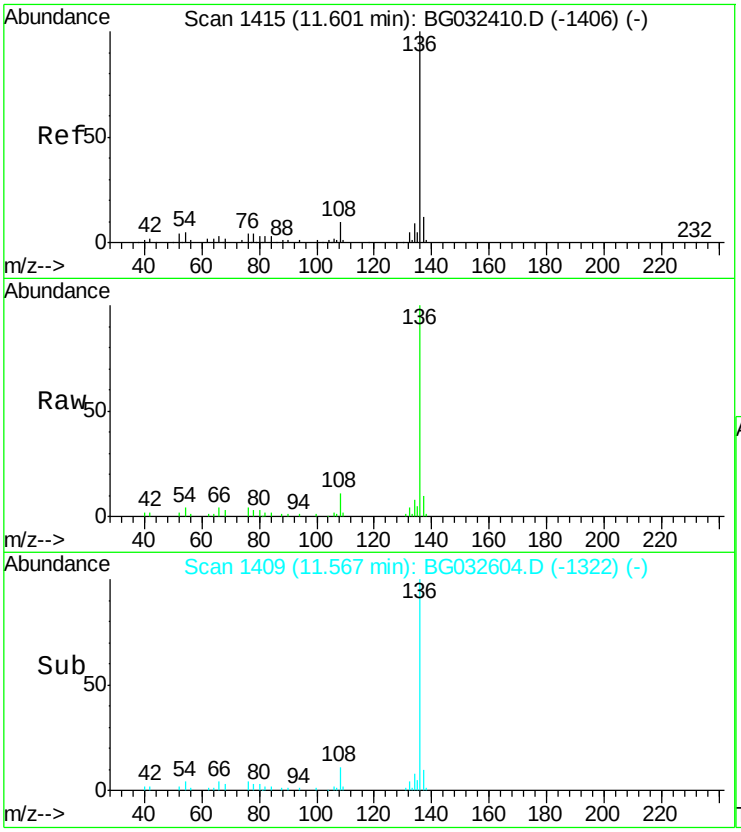


#19
n-Nitroso-di-n-propylamine
Concen: 23.20 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.37 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion: 70 Resp: 18635

Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.1	73.7#
101	0.0	8.5	12.7#
130	3.6	13.4	20.0#



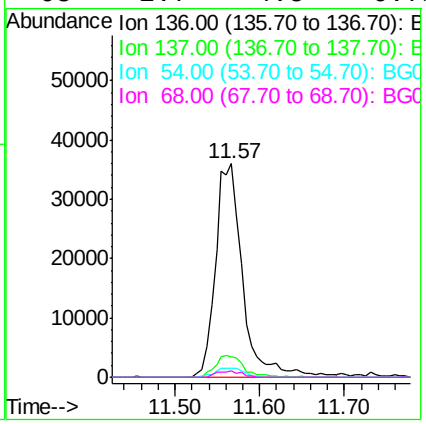


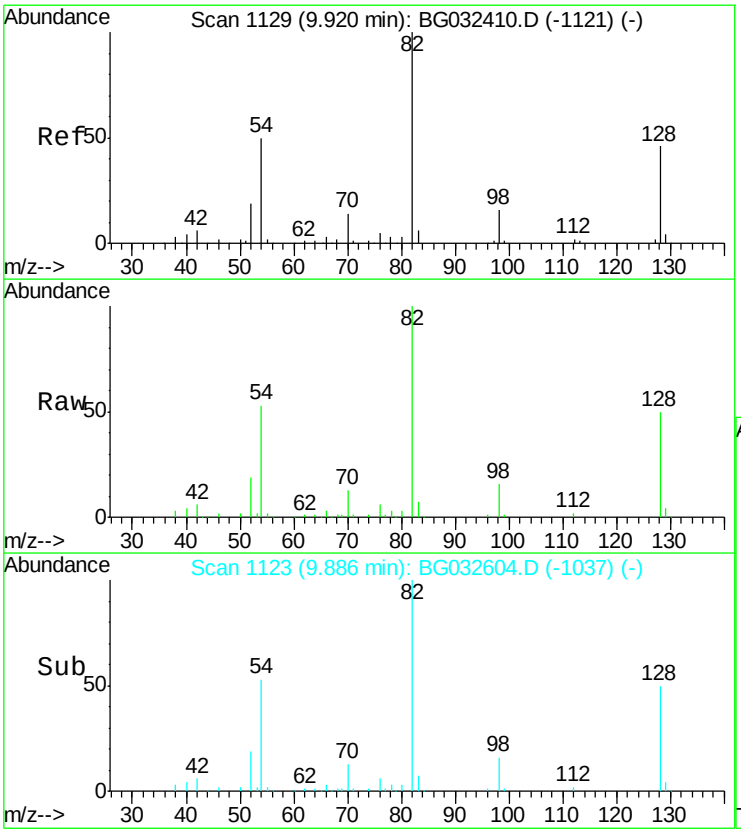
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.57 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 80372

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	4.3	10.3	15.5#
68	2.7	4.5	6.7#

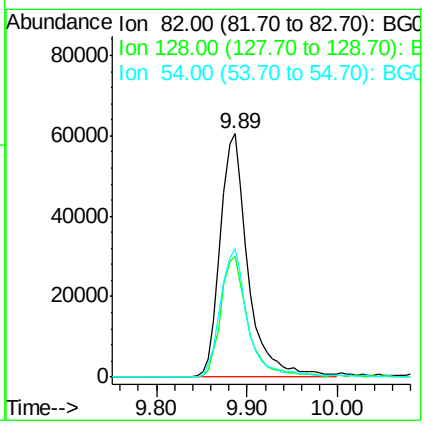


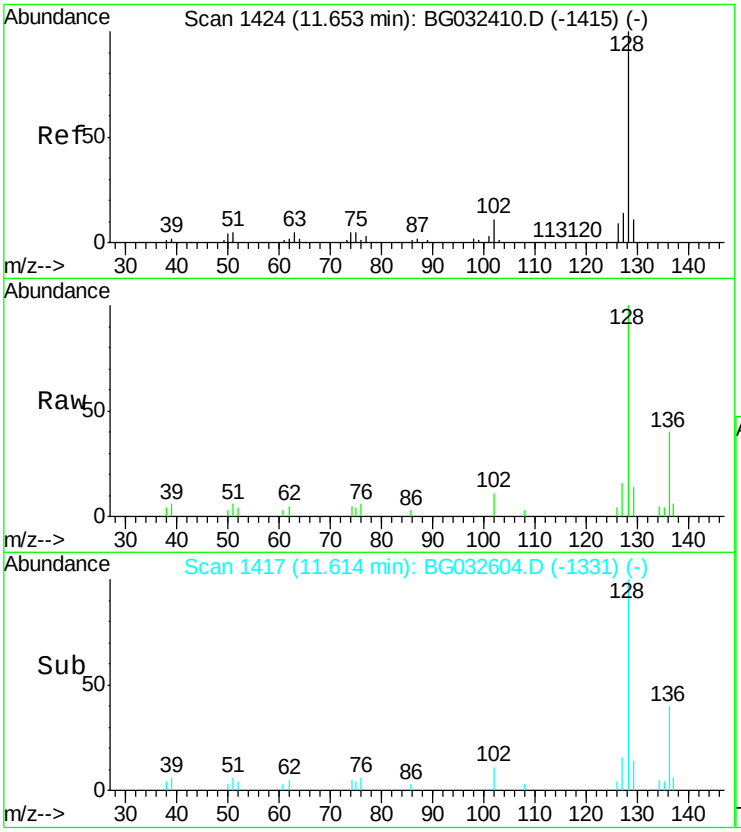


#23
Nitrobenzene-d5
Concen: 100.27 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion: 82 Resp: 129026

Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.7	44.5#
54	52.7	43.1	64.7



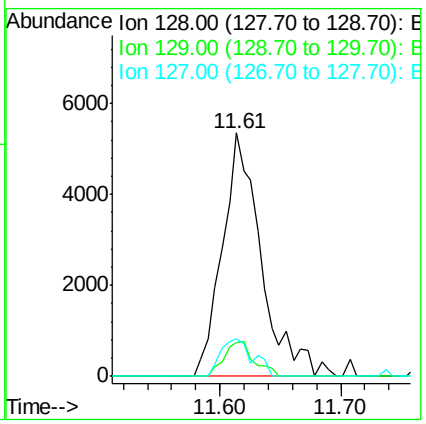


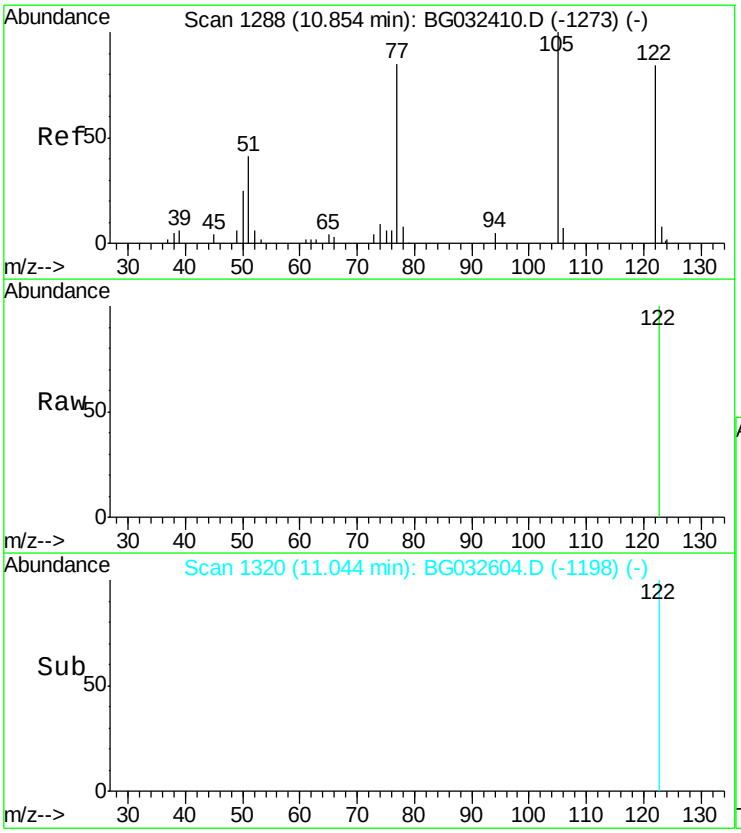
#31
Naphthalene
Concen: 3.04 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 11946

Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.6	12.8#
127	15.6	11.6	17.4

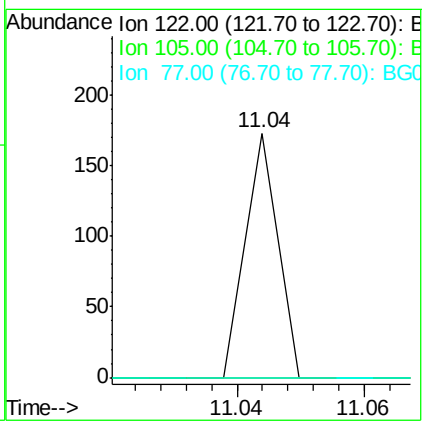


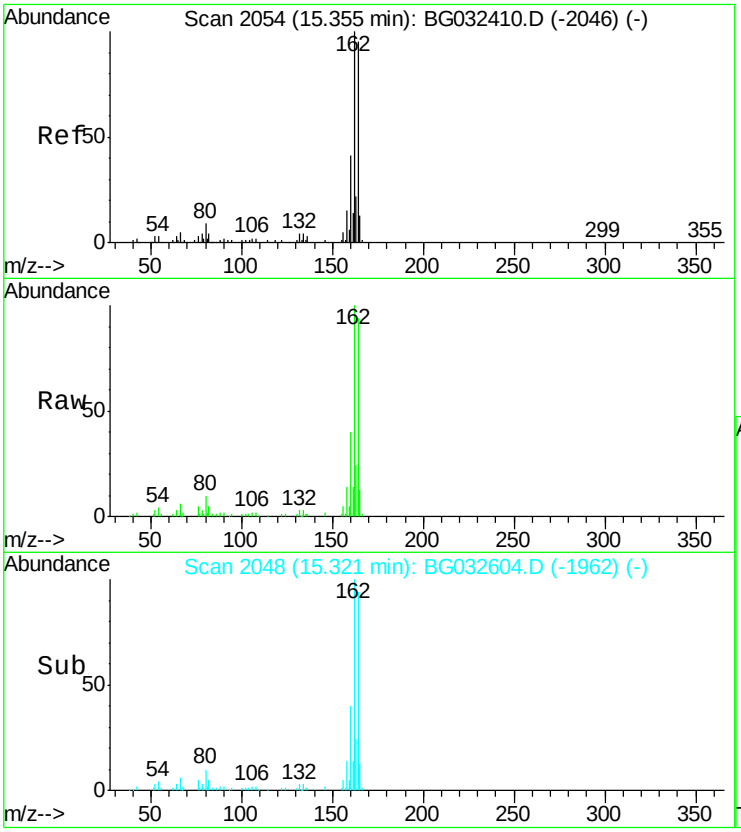


#32
Benzoic acid
Concen: 7.35 ng
RT: 11.04 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion:122 Resp: 61

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



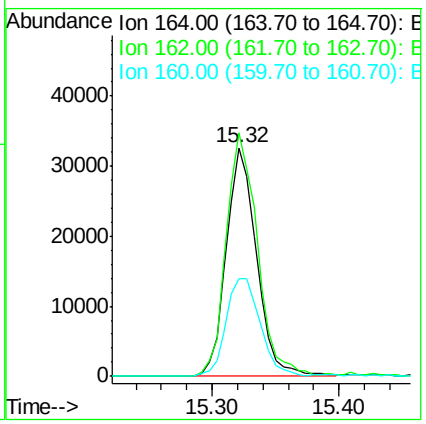


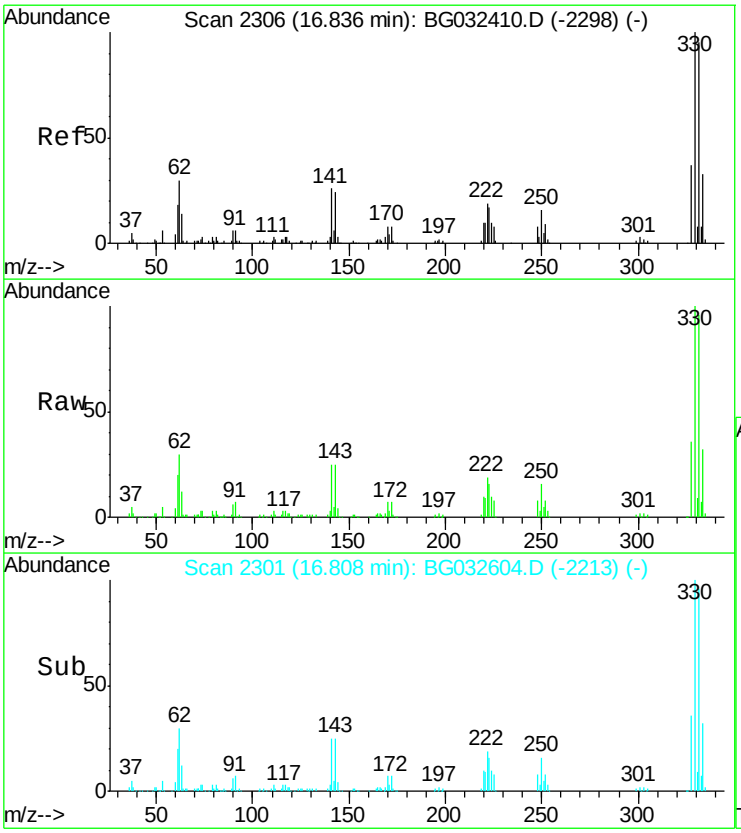
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 53928

Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	42.5	35.4	53.0

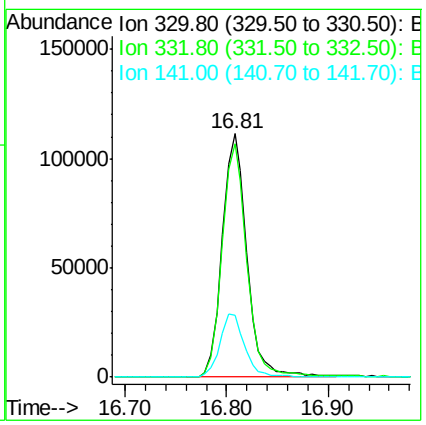


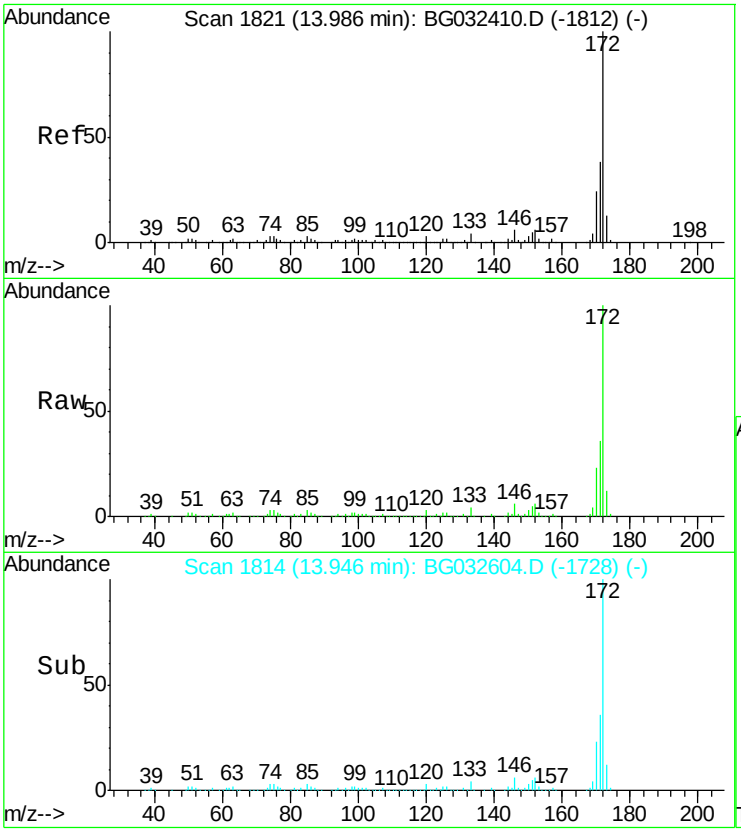


#41
2,4,6-Tribromophenol
Concen: 183.63 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion:330 Resp: 188496

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.2	25.2	37.8



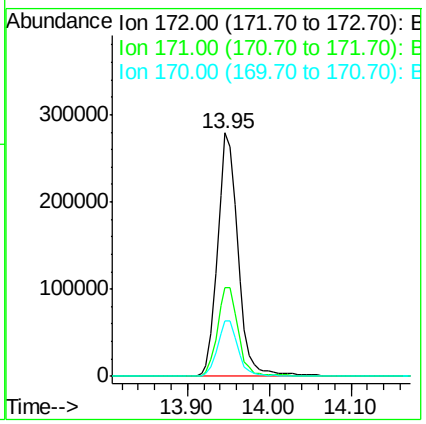


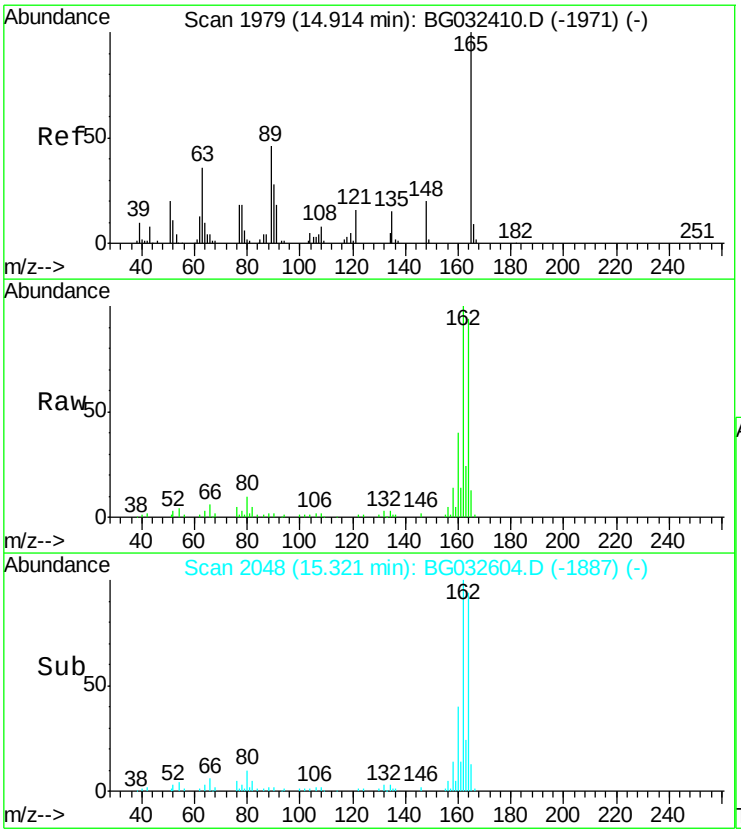
#44
2-Fluorobiphenyl
Concen: 107.26 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 486653

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.0	19.5	29.3

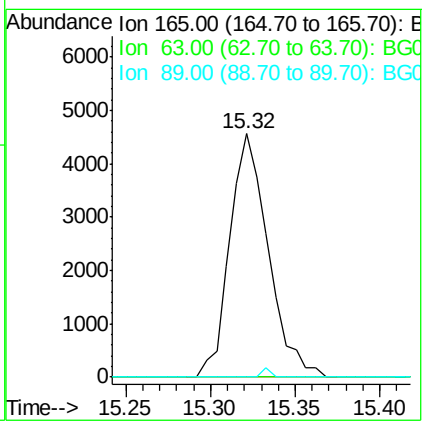


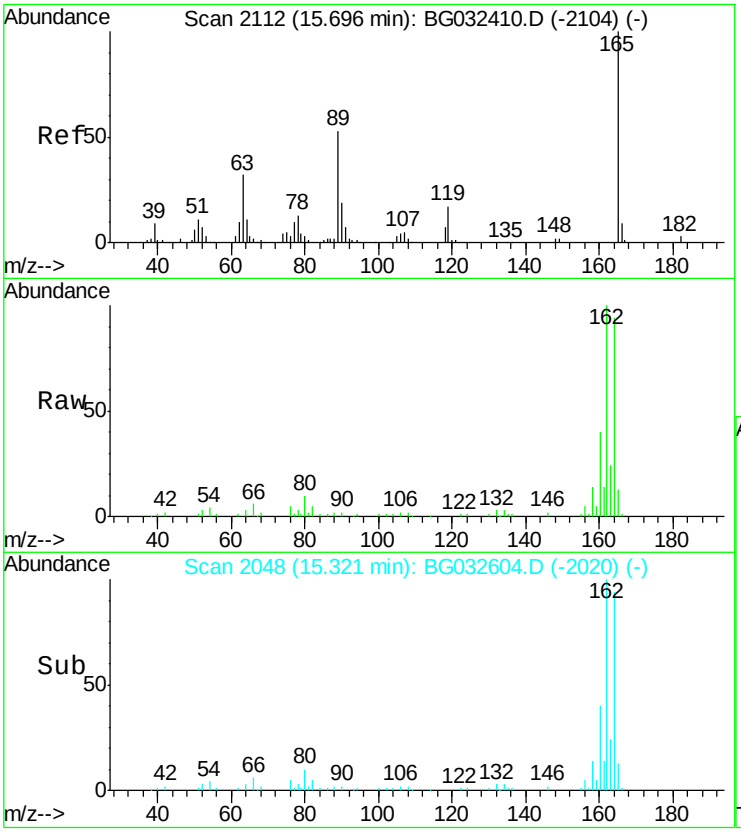


#50
2,6-Dinitrotoluene
Concen: 6.91 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion:165 Resp: 7212

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



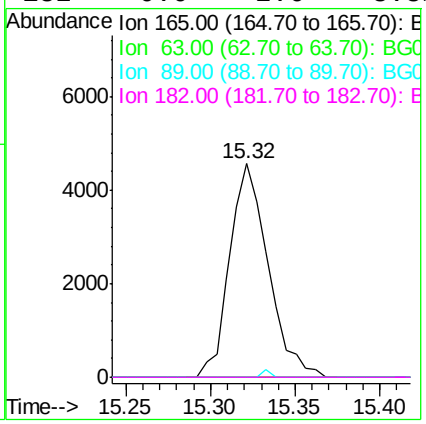


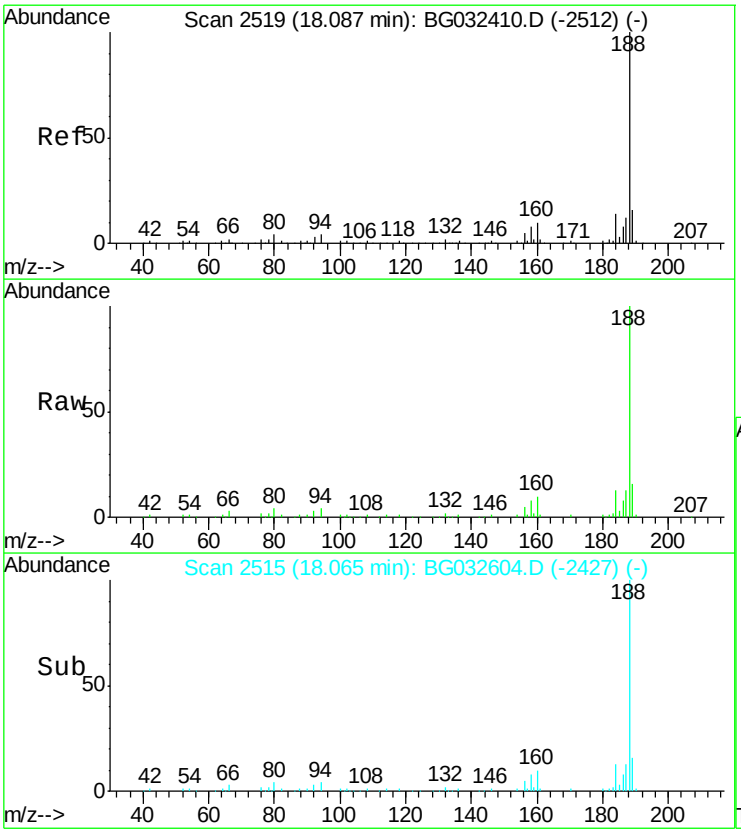
#56
2,4-Dinitrotoluene
Concen: 4.85 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 7212

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#

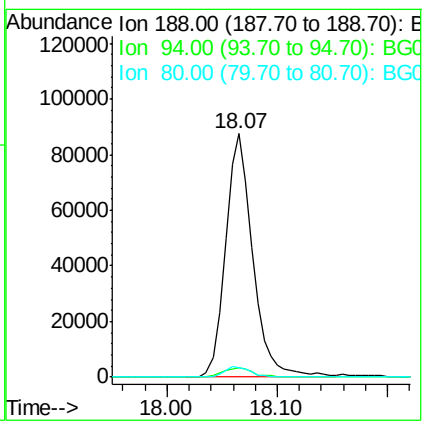


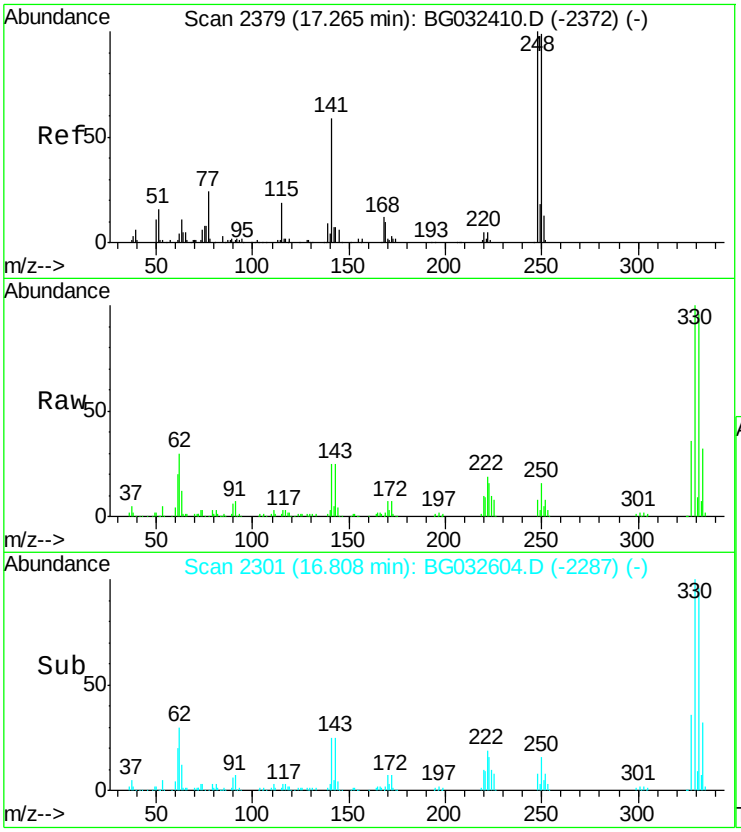


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.07 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion:188 Resp: 150960

Ion	Ratio	Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	3.9	7.7	11.5#



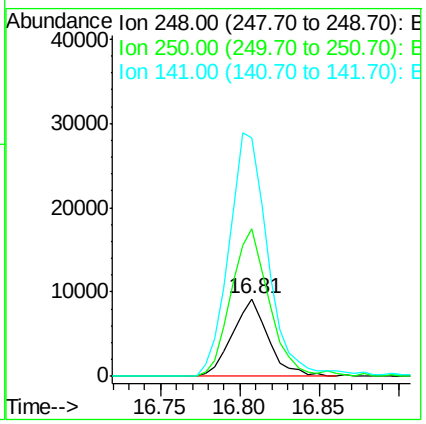


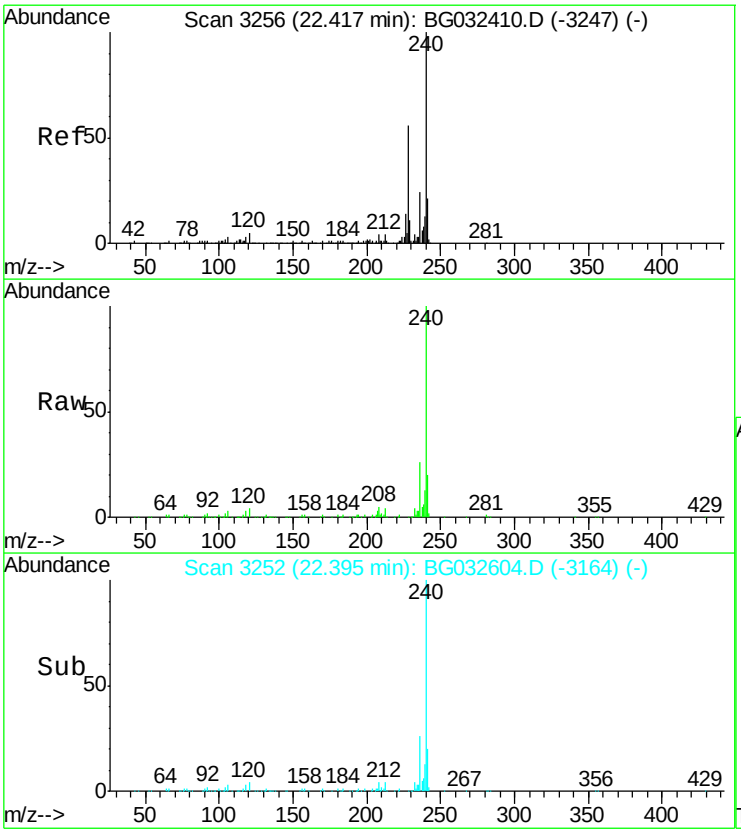
#66
4-Bromophenyl-phenylether
Concen: 6.39 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.45 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14289

Ion	Ratio	Lower	Upper
248	100		
250	190.3	77.1	115.7#
141	308.4	50.8	76.2#

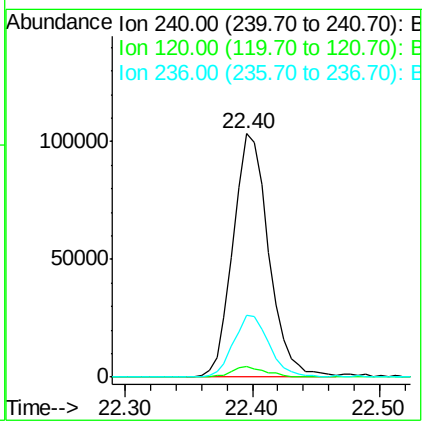


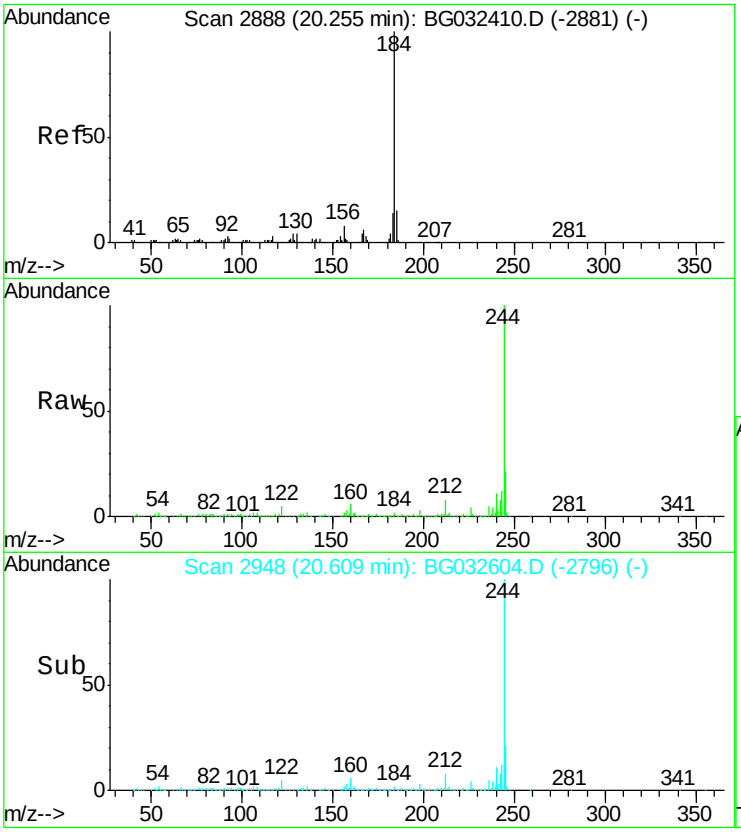


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.40 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion:240 Resp: 202462

Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	25.6	20.9	31.3



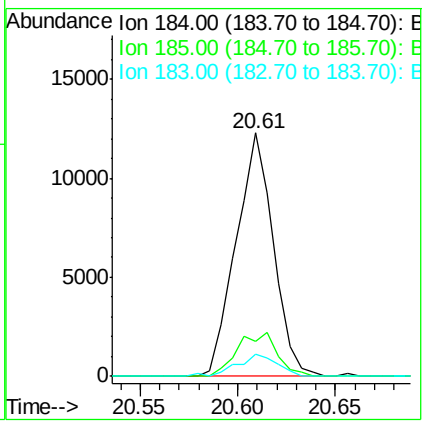


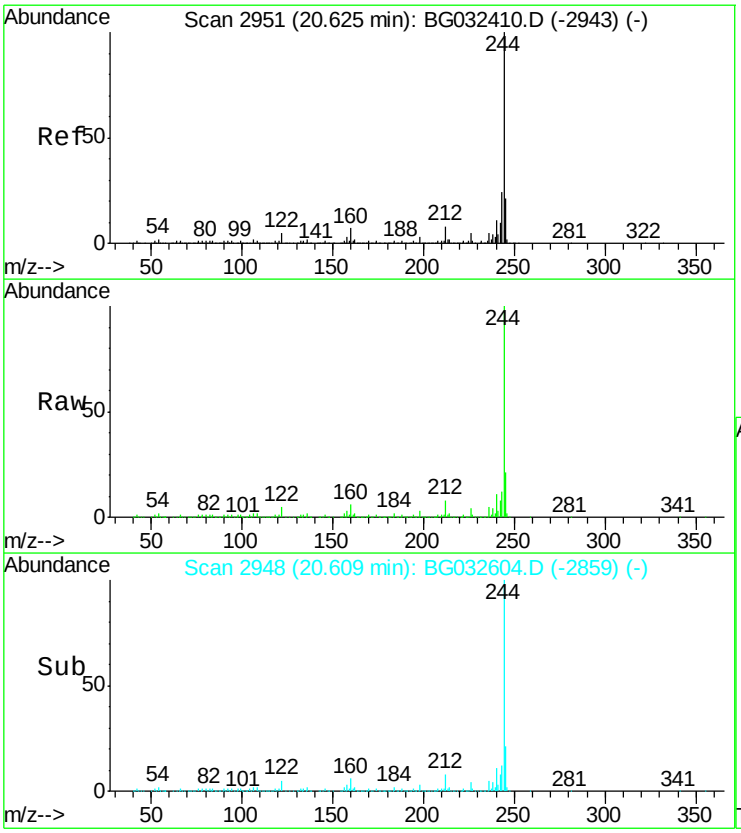
#76
Benzidine
Concen: 4.09 ng
RT: 20.61 min Scan# 2948
Delta R.T. 0.37 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 16243

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	9.0	10.6	16.0#

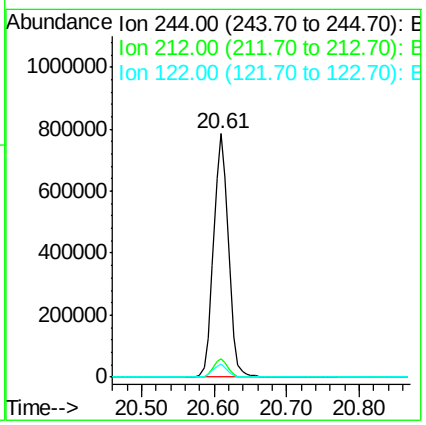


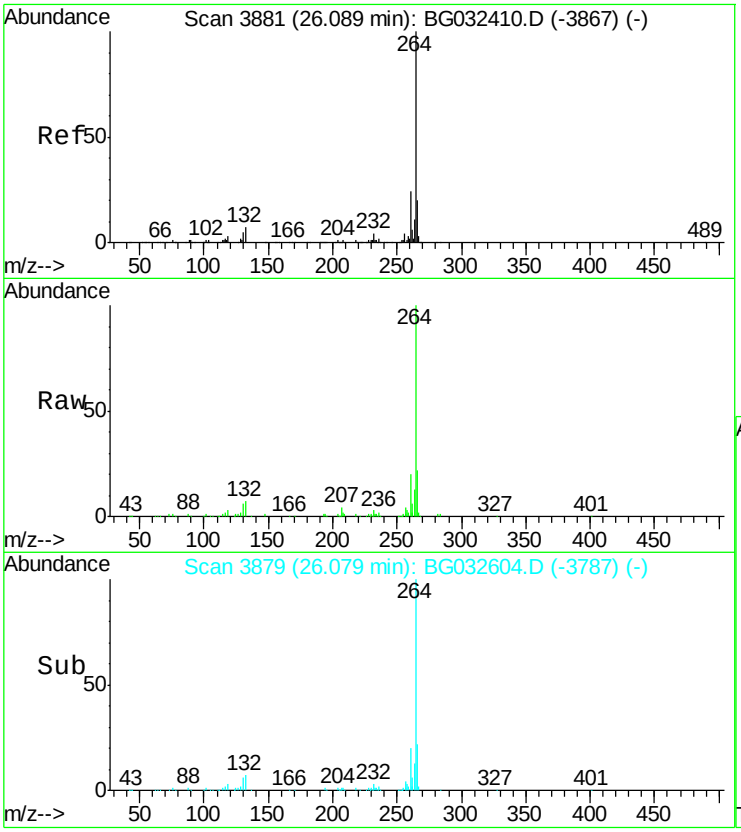


#78
Terphenyl-d14
Concen: 118.39 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Tgt Ion:244 Resp: 1118939

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.08 min Scan# 3879
Delta R.T. 0.01 min
Lab File: BG032604.D
Acq: 7 Feb 2018 21:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 196939

Ion	Ratio	Lower	Upper
264	100		
260	19.8	17.4	26.0
265	22.0	17.7	26.5