Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
Data File : BG032424.D
Acq On : 29 Jan 2018 21:12
Operator : SJ/JU
Sample : J1341-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 30 03:29:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28563	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	111871	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	83712	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	232445	20.00	ng		0.00
75) Chrysene-d12	22.42	240	287269	20.00	ng		0.00
86) Perylene-d12	26.10	264	304647	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	214746	151.01	ng		0.00
7) Phenol-d6	7.84	99	242539	127.81	ng		0.00
23) Nitrobenzene-d5	9.92	82	182717	102.02	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	269937	169.40	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	680019	96.55	ng		0.00
78) Terphenyl-d14	20.63	244	1297709	96.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	6563	13.717	ng	#	1
9) Benzaldehyde	7.82	77	7945	8.106	ng		82
15) Benzyl Alcohol	8.96	79	161063	102.985	ng		95
17) 2-Methylphenol	8.96	107	84146	57.492	ng	#	2
19) n-Nitroso-di-n-propylamine	9.92	70	26858	21.346	ng	#	78
27) 2,4-Dimethylphenol	10.80	122	6187	4.117	ng	#	1
32) Benzoic acid	10.80	122	6187	11.965	ng	#	84
50) 2,6-Dinitrotoluene	15.36	165	10512	6.489	ng	#	21
56) 2,4-Dinitrotoluene	15.36	165	10512	4.557	ng	#	19
66) 4-Bromophenyl-phenylether	16.84	248	21832	6.340	ng	#	1
76) Benzidine	20.63	184	19513	3.459	ng	#	87

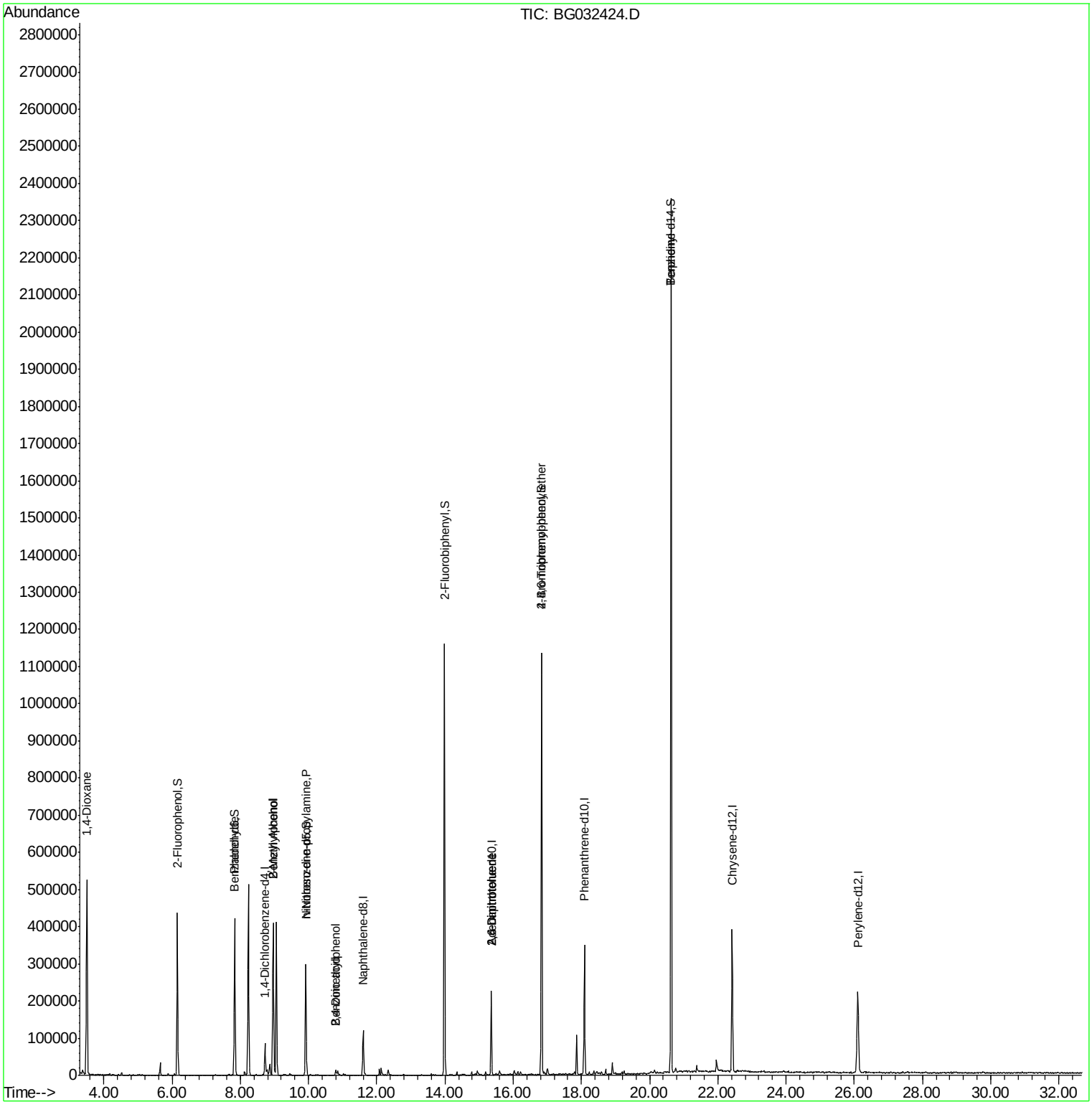
(#) = qualifier out of range (m) = manual integration (+) = signals summed

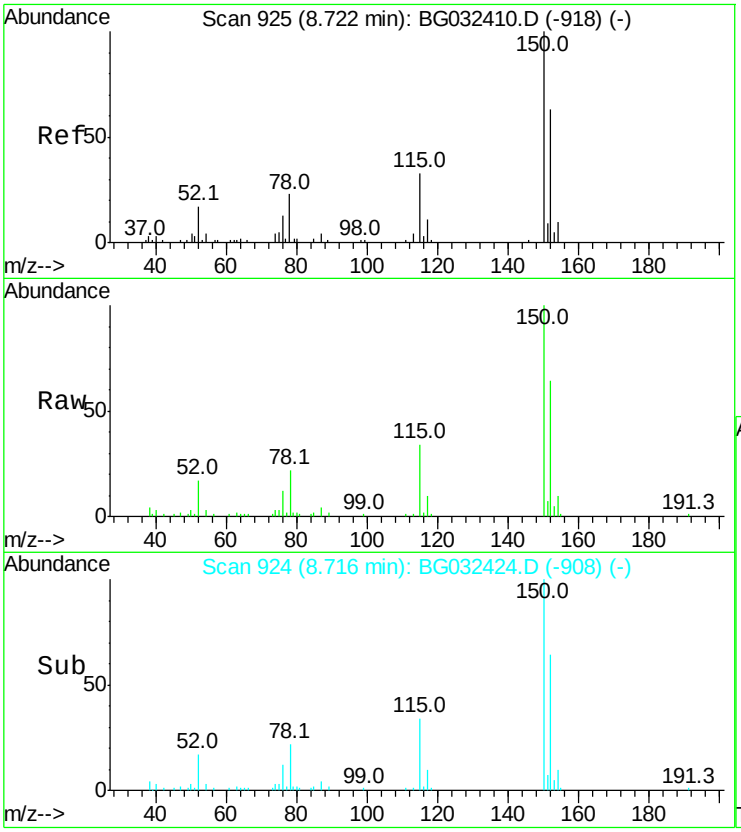
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
Data File : BG032424.D
Acq On : 29 Jan 2018 21:12
Operator : SJ/JU
Sample : J1341-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 30 03:29:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



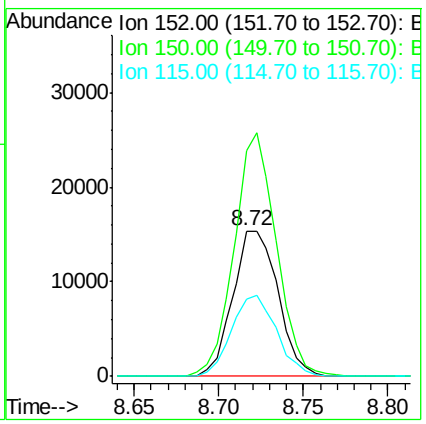


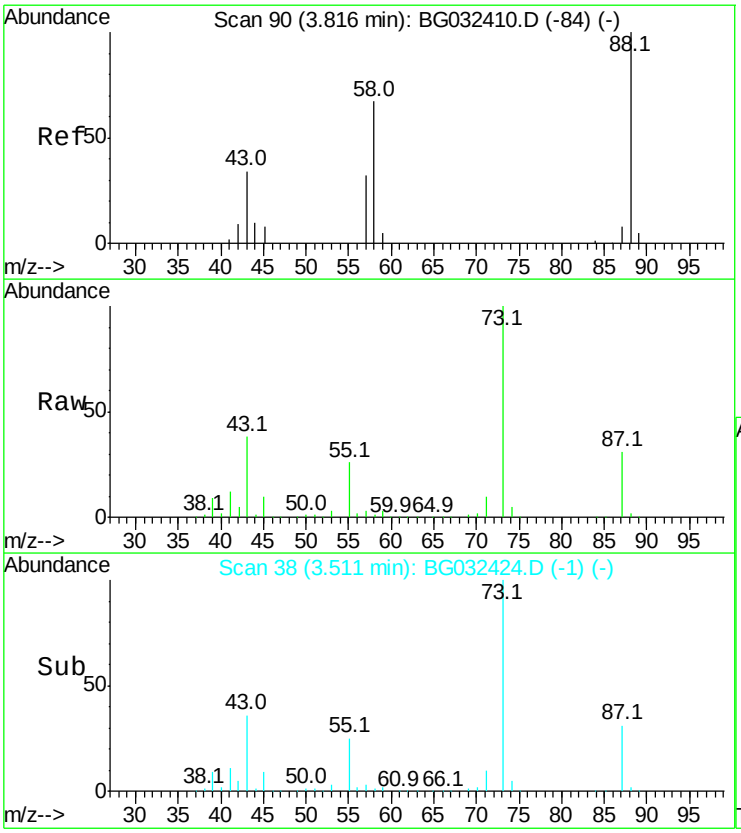
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28563

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	52.8	53.0	79.4#

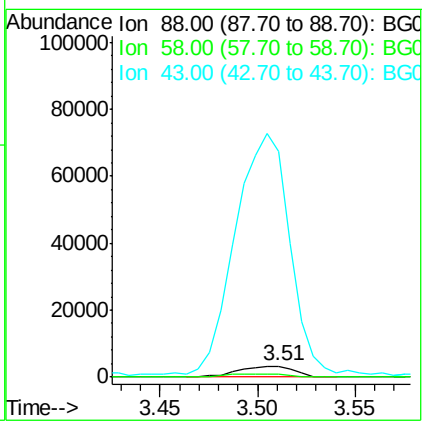


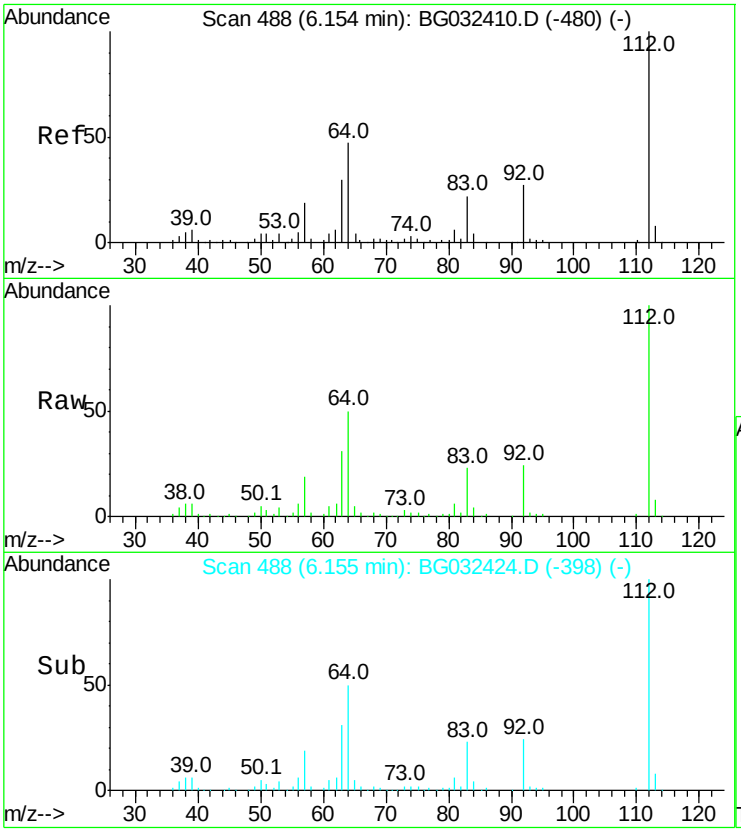


#2
1,4-Dioxane
Concen: 13.717 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.30 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion: 88 Resp: 6563

Ion	Ratio	Lower	Upper
88	100		
58	33.7	79.6	119.4#
43	2144.0	27.4	41.0#



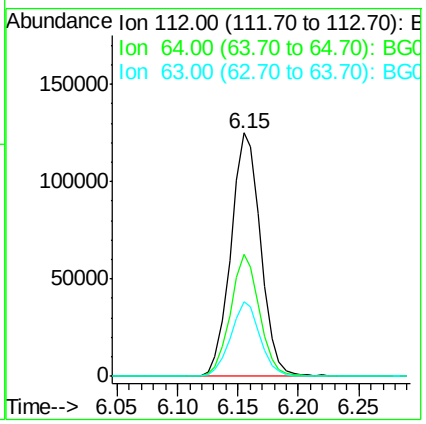


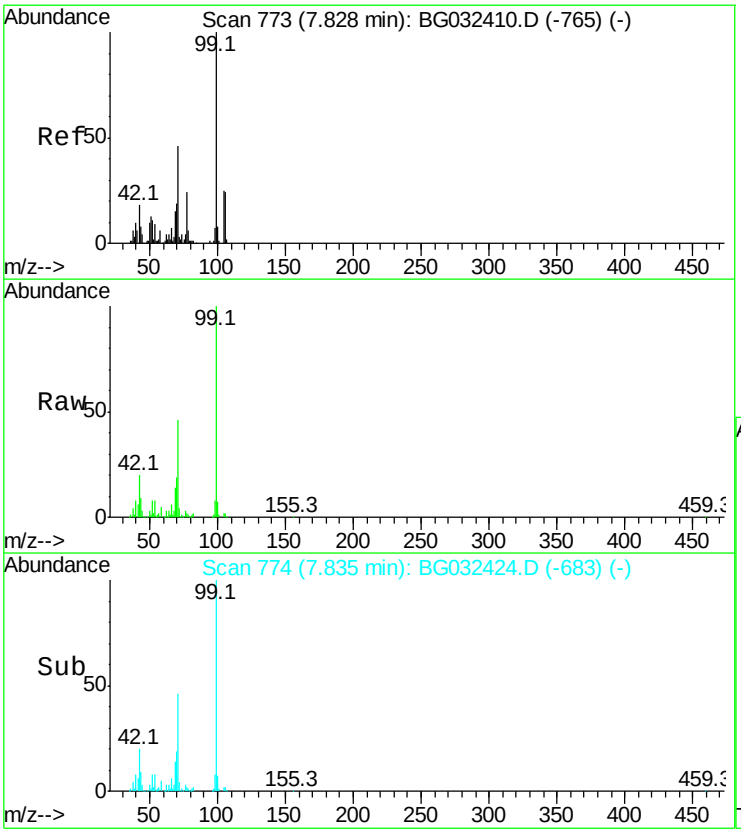
#5
2-Fluorophenol
Concen: 151.010 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 214746

Ion	Ratio	Lower	Upper
112	100		
64	50.1	56.3	84.5#
63	30.7	30.1	45.1

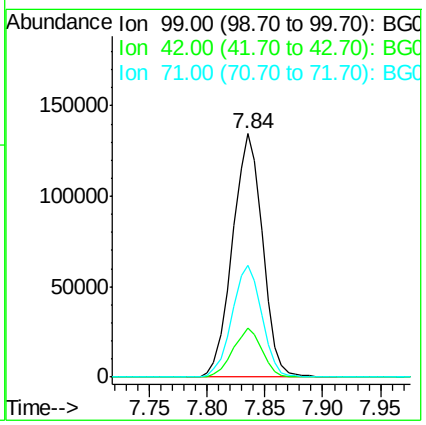


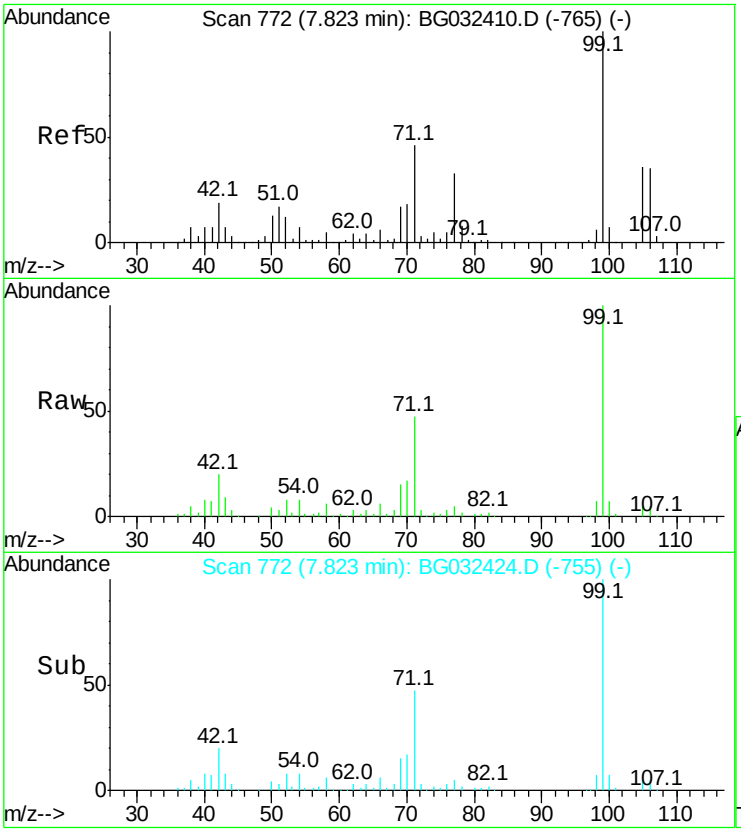


#7
Phenol-d6
Concen: 127.812 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion: 99 Resp: 242539

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.1	21.1
71	45.9	26.1	39.1#



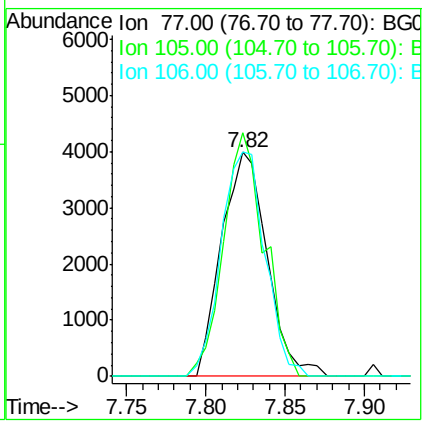


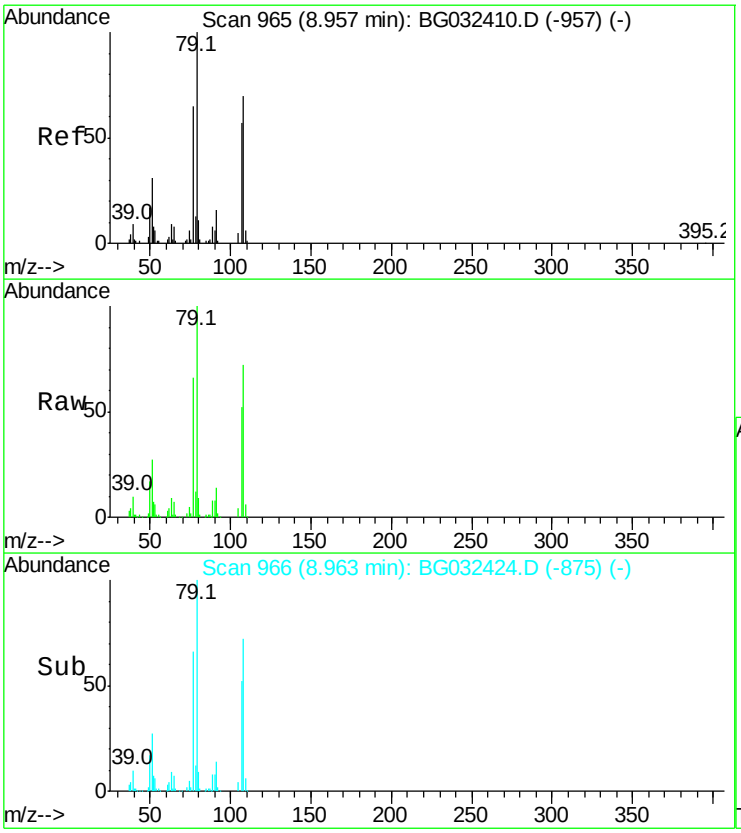
#9
Benzaldehyde
Concen: 8.106 ng
RT: 7.82 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 7945

Ion	Ratio	Lower	Upper
77	100		
105	108.6	71.3	111.3
106	100.3	64.2	104.2

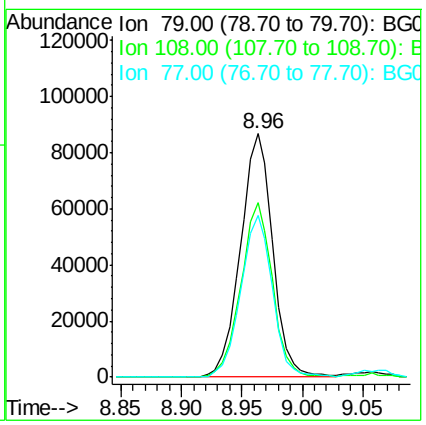


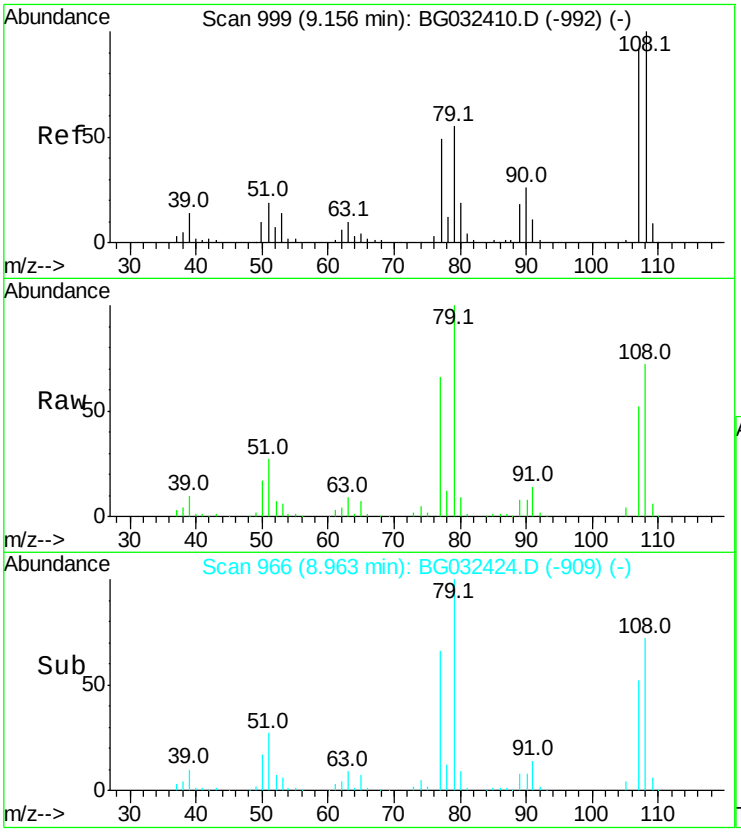


#15
Benzyl Alcohol
Concen: 102.985 ng
RT: 8.96 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion: 79 Resp: 161063

Ion	Ratio	Lower	Upper
79	100		
108	71.7	57.2	85.8
77	66.4	46.1	69.1



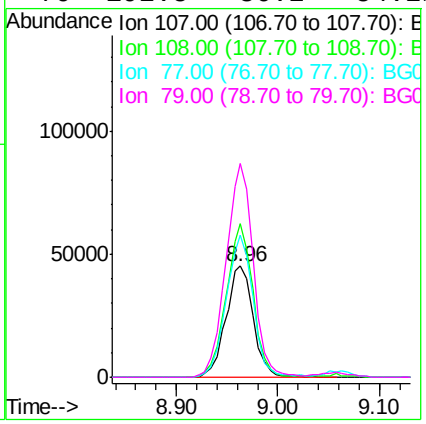


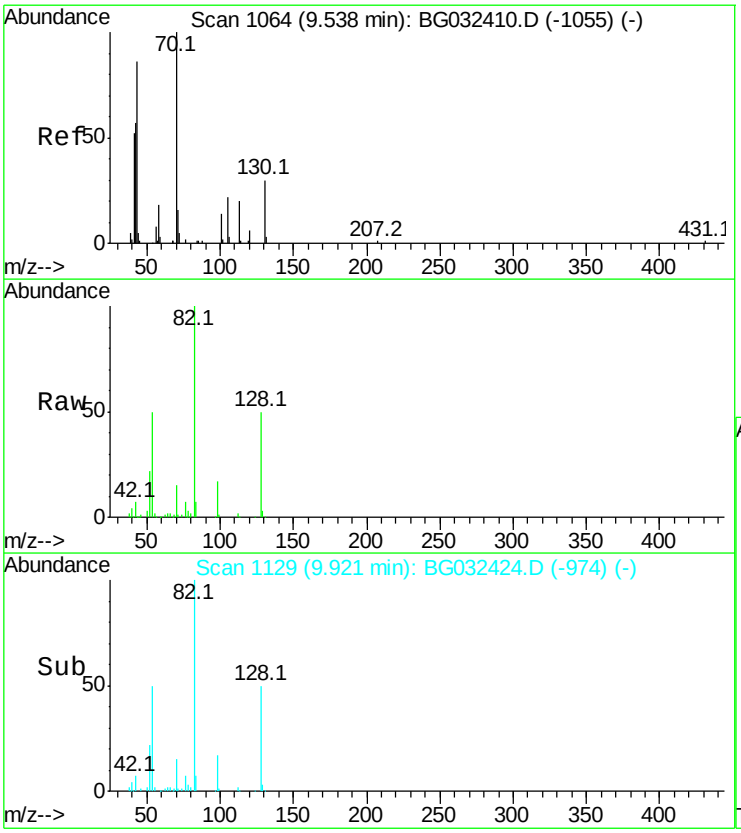
#17
2-Methylphenol
Concen: 57.492 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.19 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 84146

Ion	Ratio	Lower	Upper
107	100		
108	138.0	83.9	125.9#
77	127.9	37.2	55.8#
79	192.5	36.2	54.2#

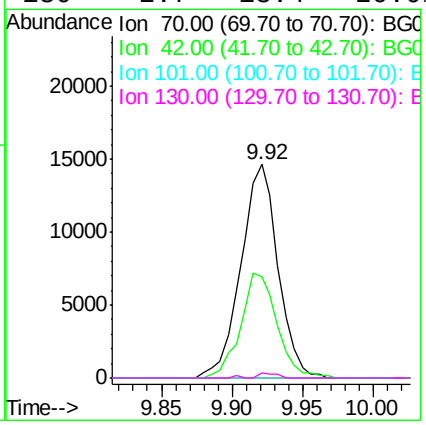


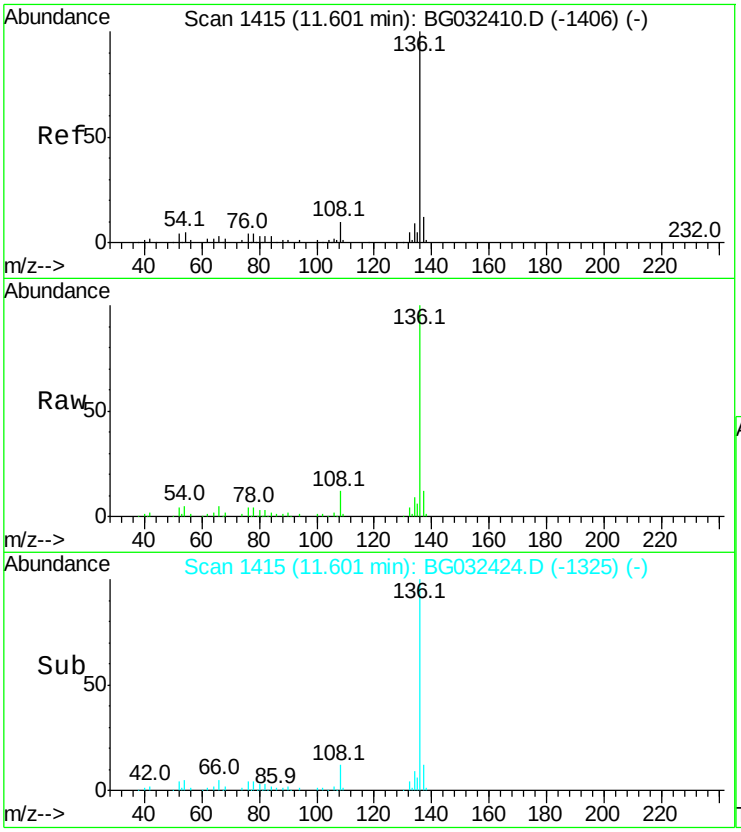


#19
n-Nitroso-di-n-propylamine
Concen: 21.346 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion: 70 Resp: 26858

Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



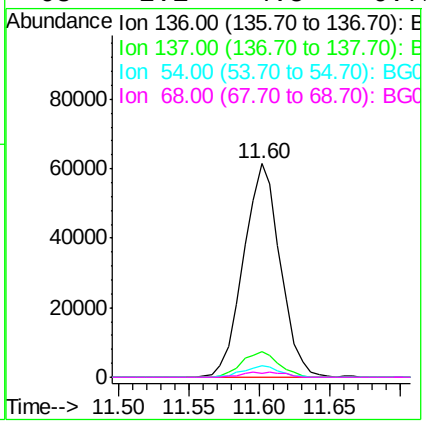


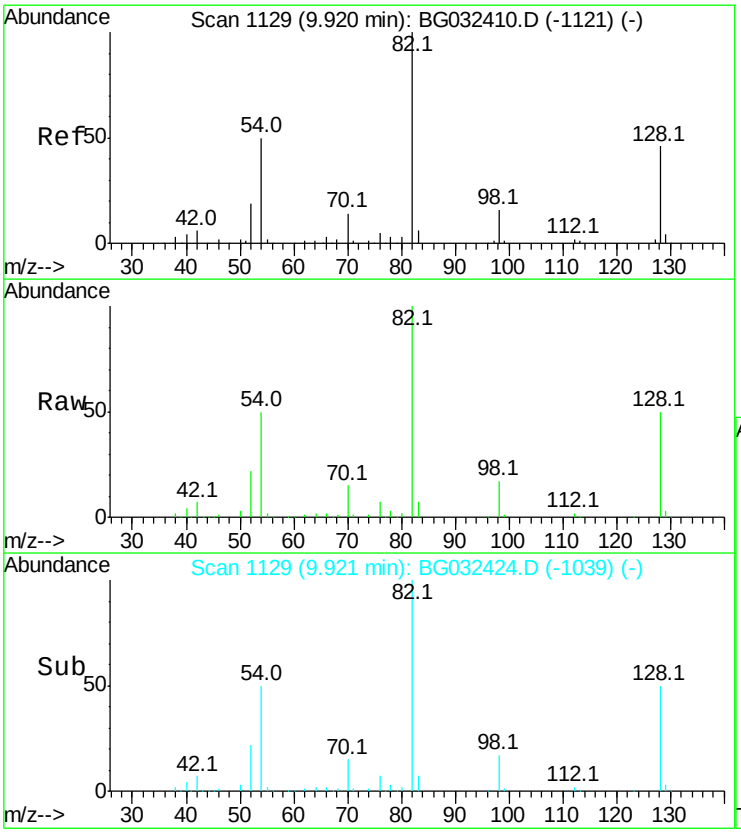
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 111871

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	5.2	10.3	15.5#
68	2.1	4.5	6.7#

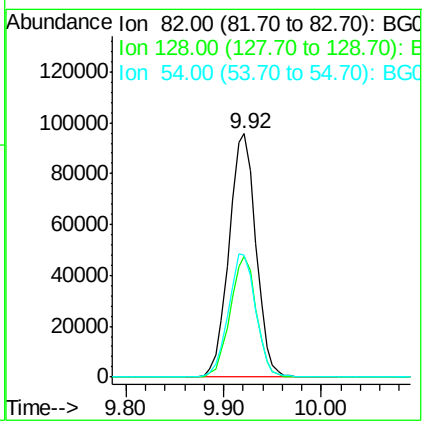


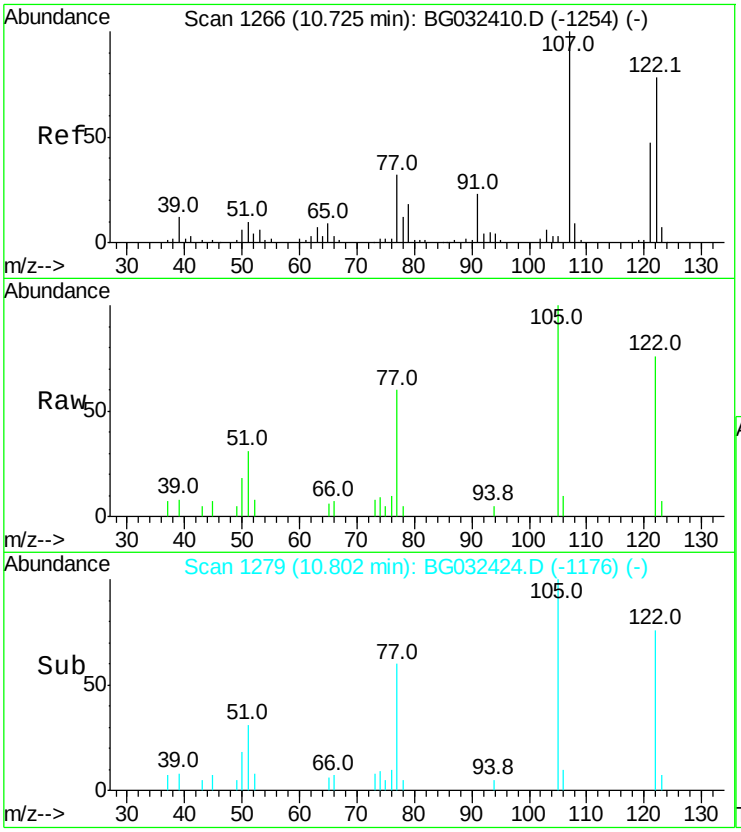


#23
Nitrobenzene-d5
Concen: 102.016 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion: 82 Resp: 182717

Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.7	44.5#
54	50.0	43.1	64.7



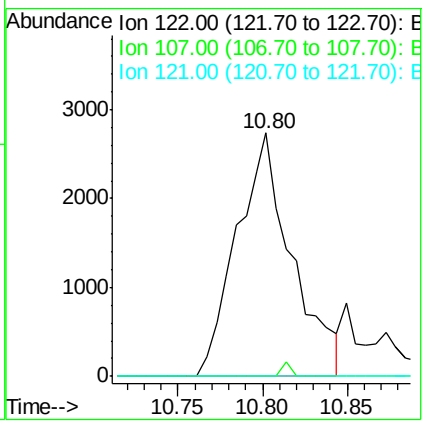


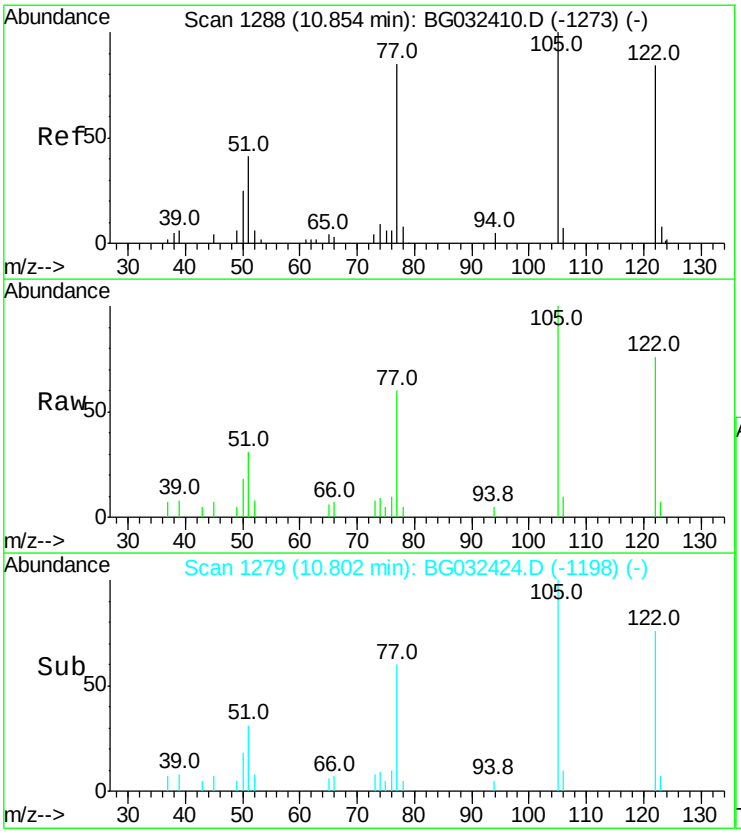
#27
2,4-Dimethylphenol
Concen: 4.117 ng
RT: 10.80 min Scan# 1279
Delta R.T. 0.08 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 6187

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#

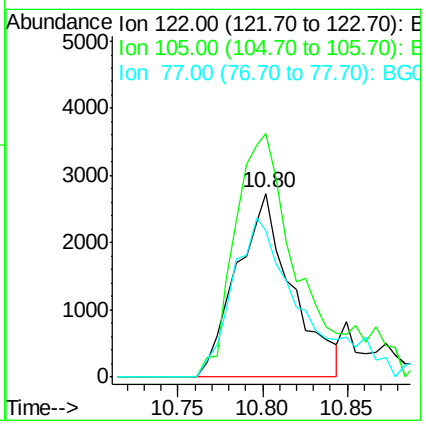


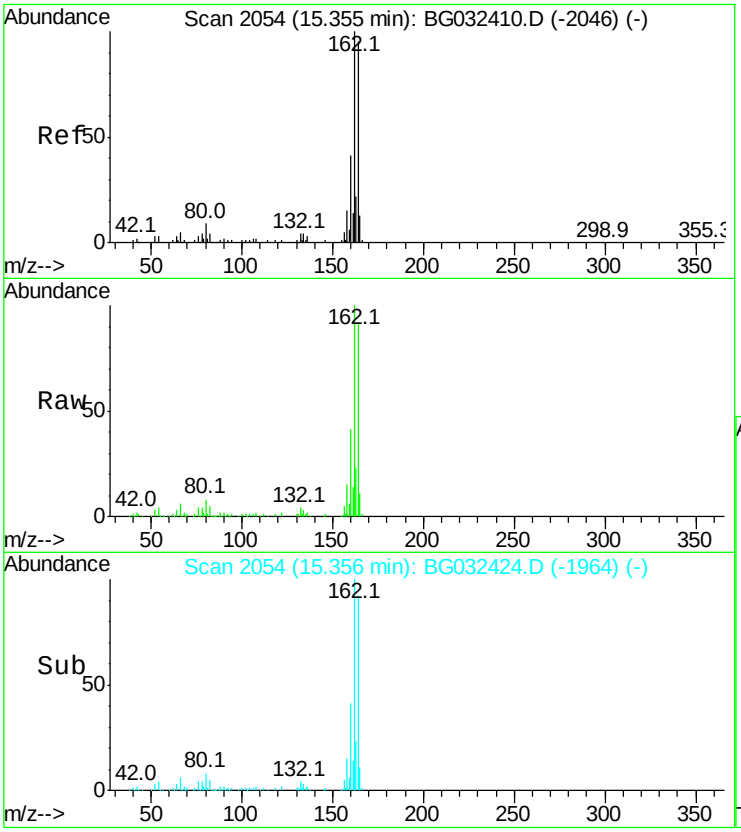


#32
Benzoic acid
Concen: 11.965 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion:122 Resp: 6187

Ion	Ratio	Lower	Upper
122	100		
105	132.3	123.5	163.5
77	79.4	85.7	125.7#



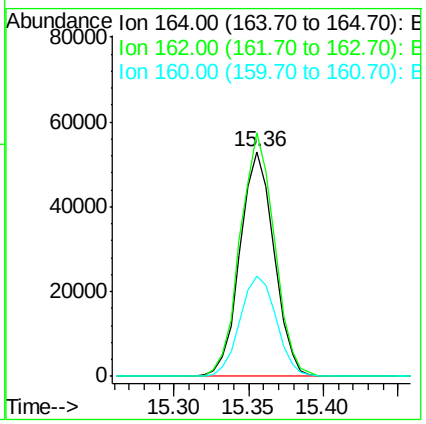


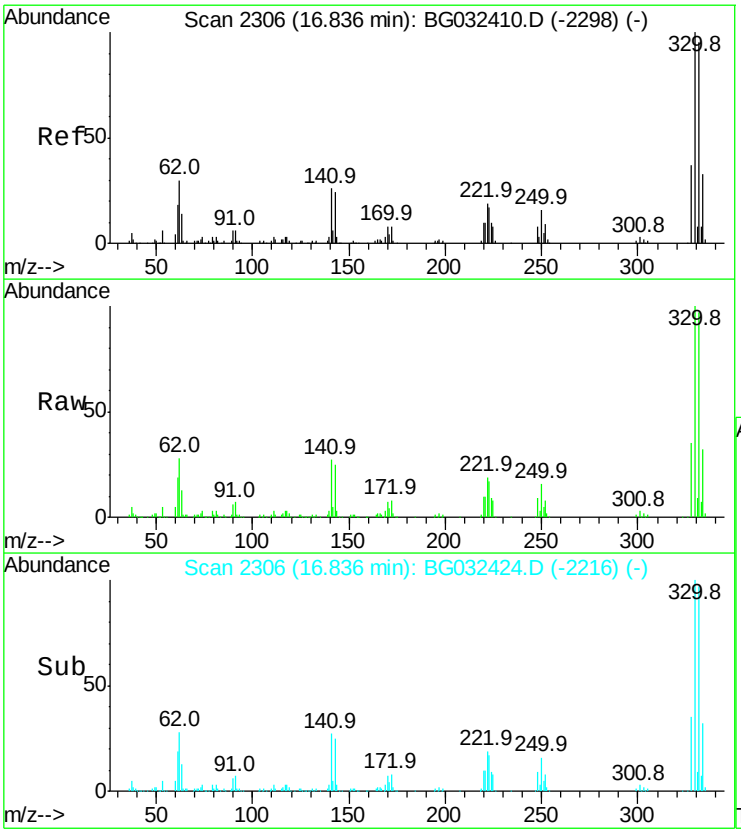
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 83712

Ion	Ratio	Lower	Upper
164	100		
162	108.5	78.8	118.2
160	44.8	35.4	53.0

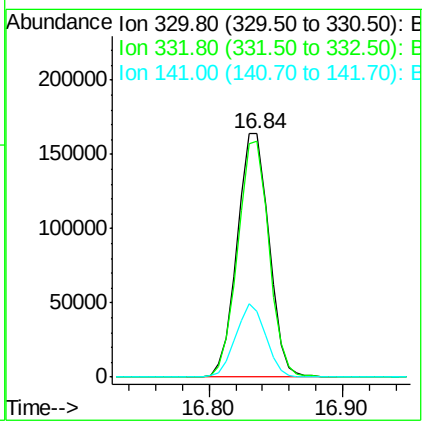


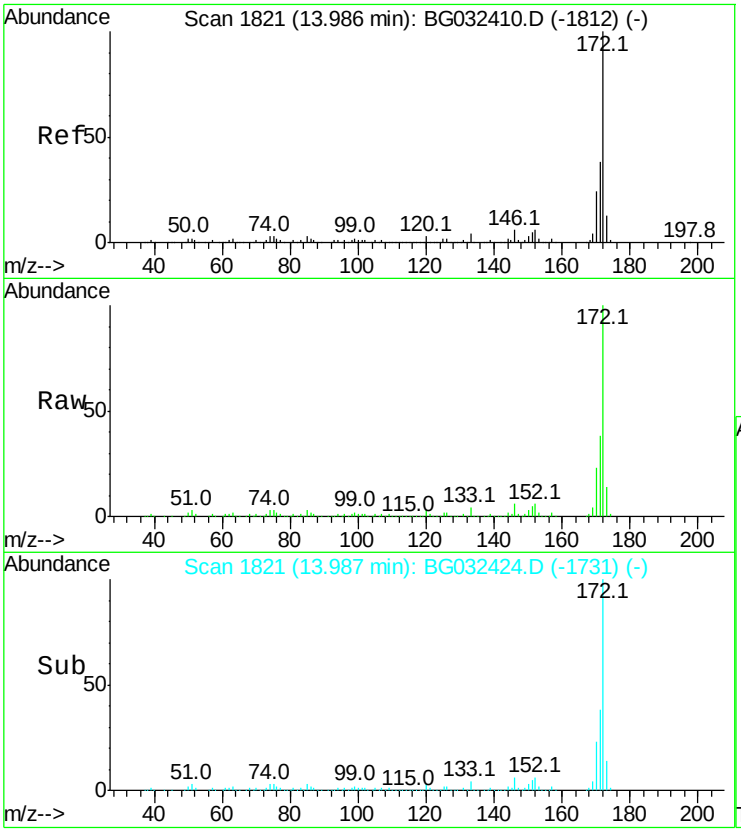


#41
2,4,6-Tribromophenol
Concen: 169.403 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion:330 Resp: 269937

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	28.5	25.2	37.8



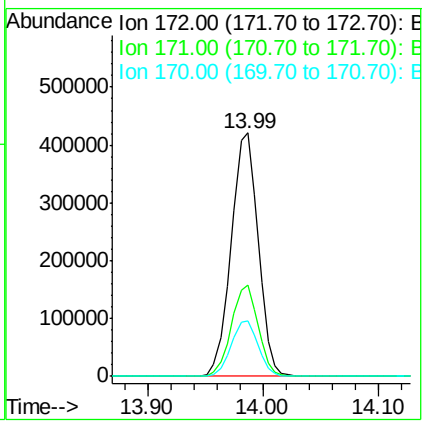


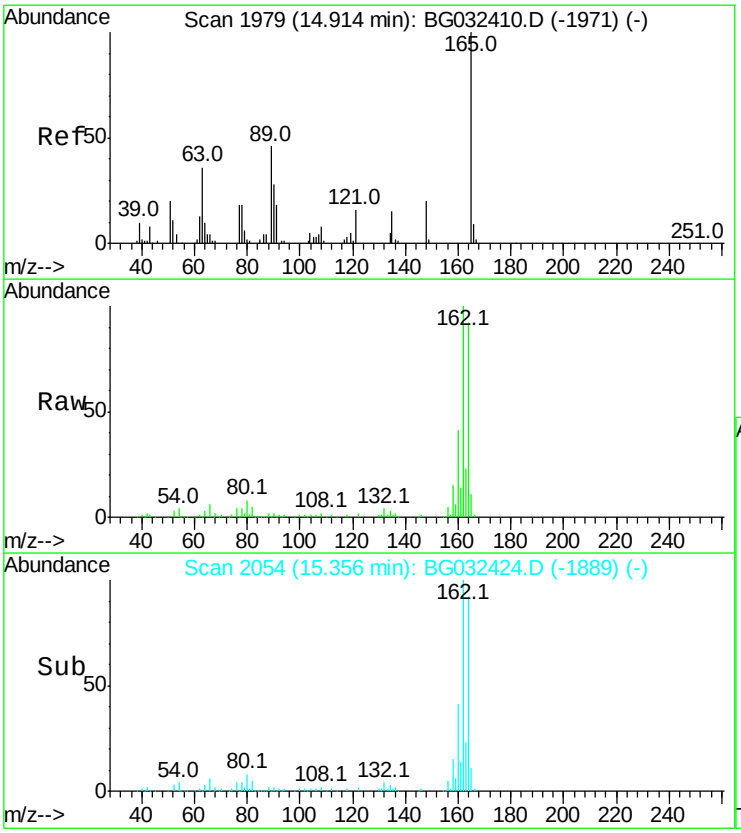
#44
2-Fluorobiphenyl
Concen: 96.551 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 680019

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.8	19.5	29.3

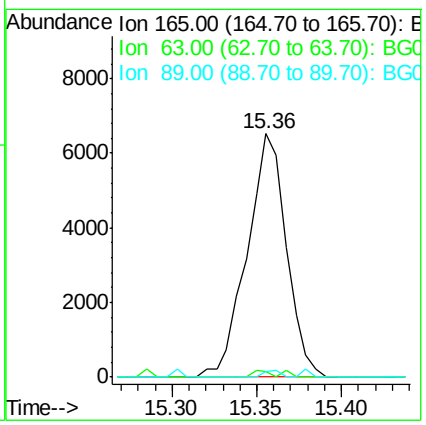


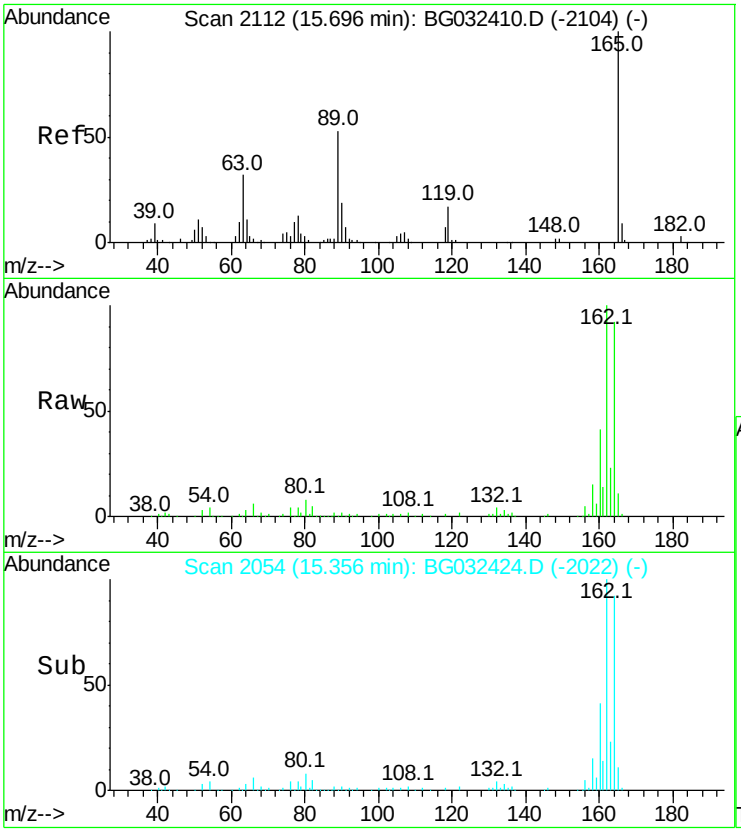


#50
2,6-Dinitrotoluene
Concen: 6.489 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion:165 Resp: 10512

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	2.3	49.2	73.8#



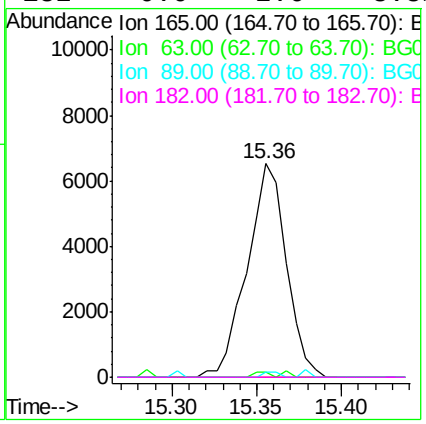


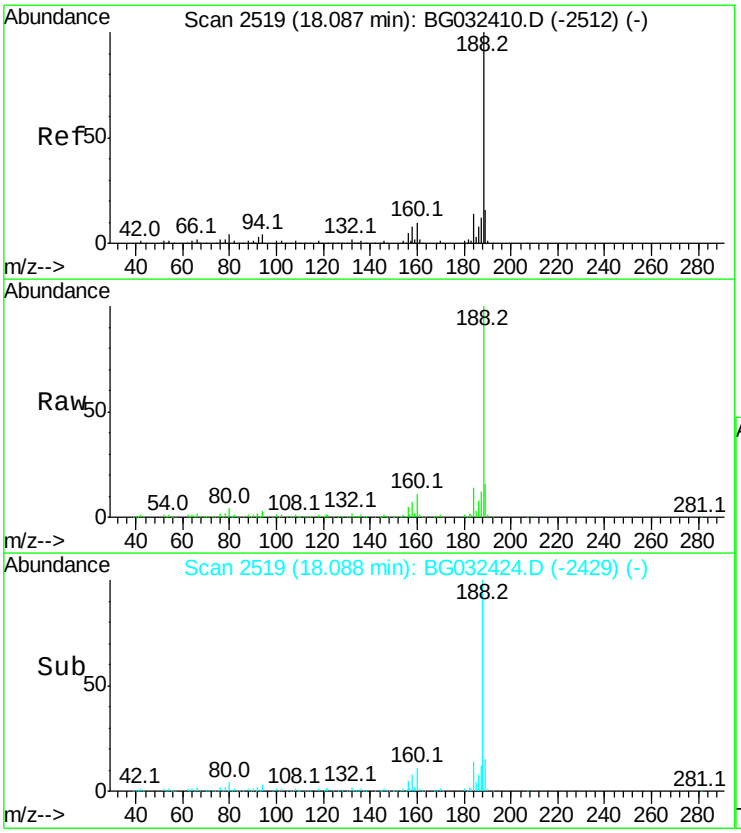
#56
2,4-Dinitrotoluene
Concen: 4.557 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10512

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

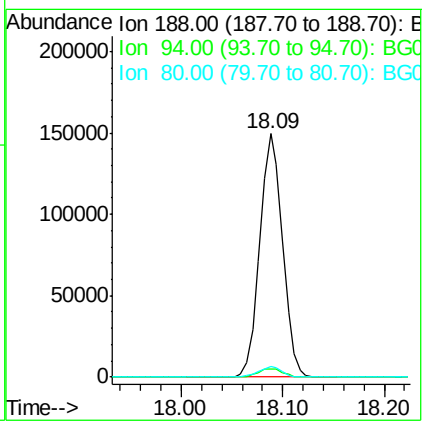


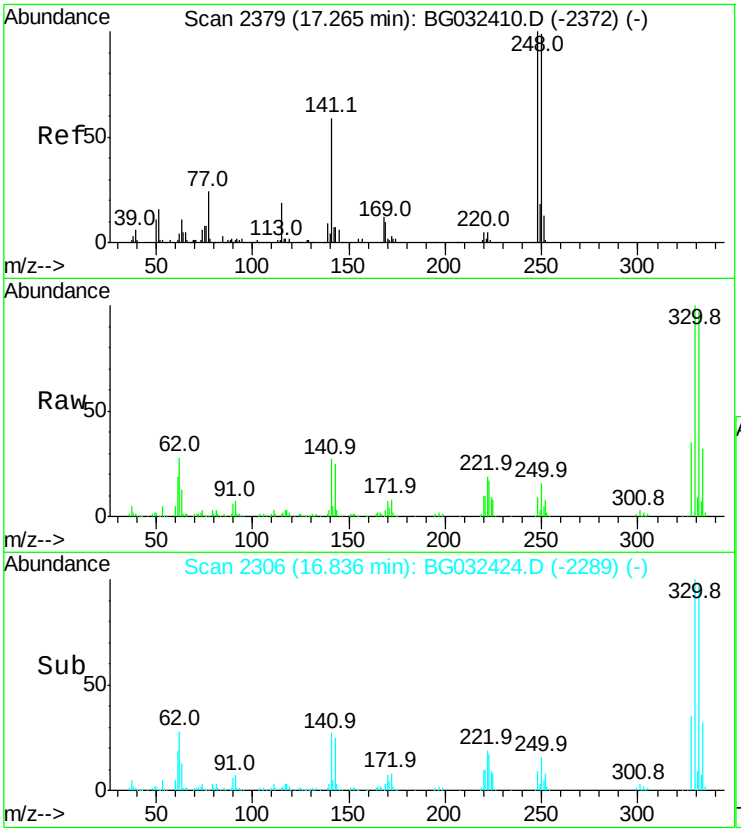


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion:188 Resp: 232445

Ion	Ratio	Lower	Upper
188	100		
94	3.4	6.9	10.3#
80	4.4	7.7	11.5#



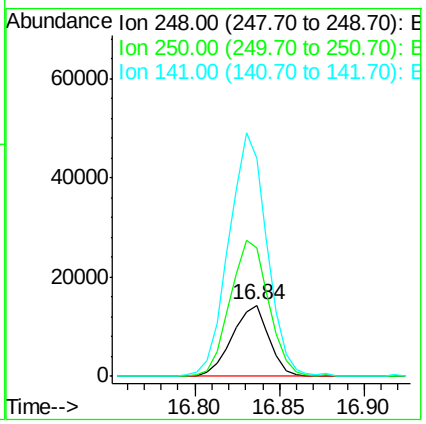


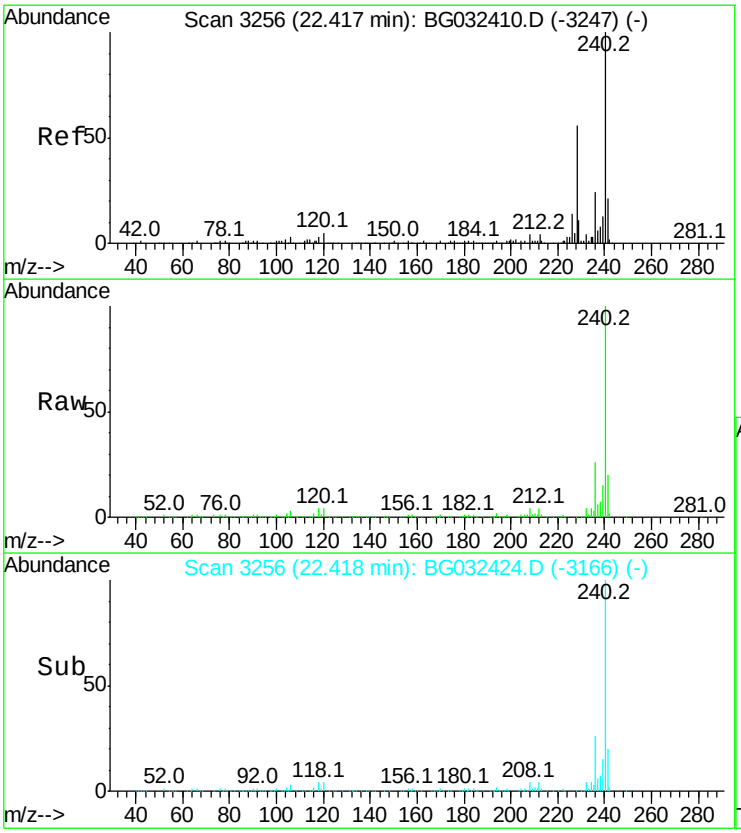
#66
4-Bromophenyl-phenylether
Concen: 6.340 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.43 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21832

Ion	Ratio	Lower	Upper
248	100		
250	180.4	77.1	115.7#
141	306.5	50.8	76.2#

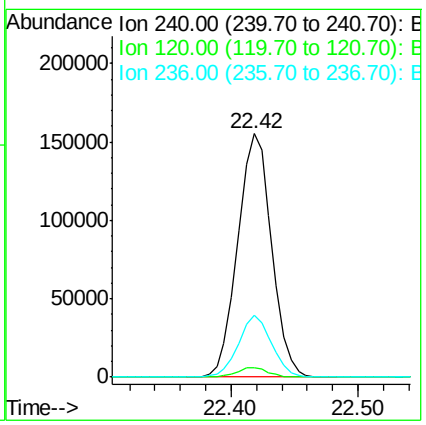


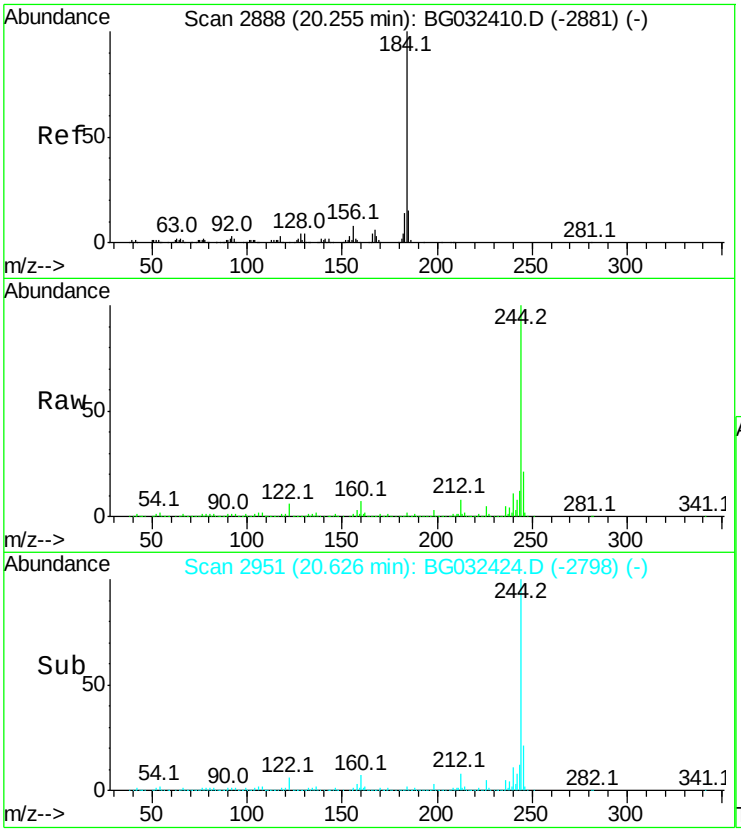


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion:240 Resp: 287269

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	25.6	20.9	31.3



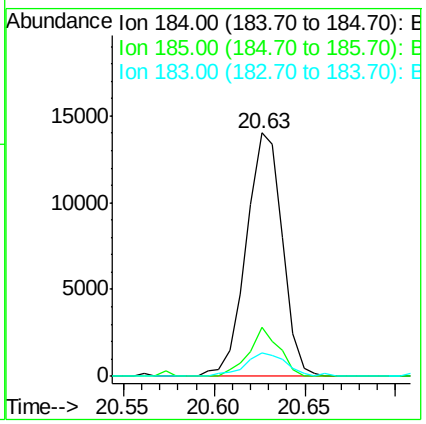


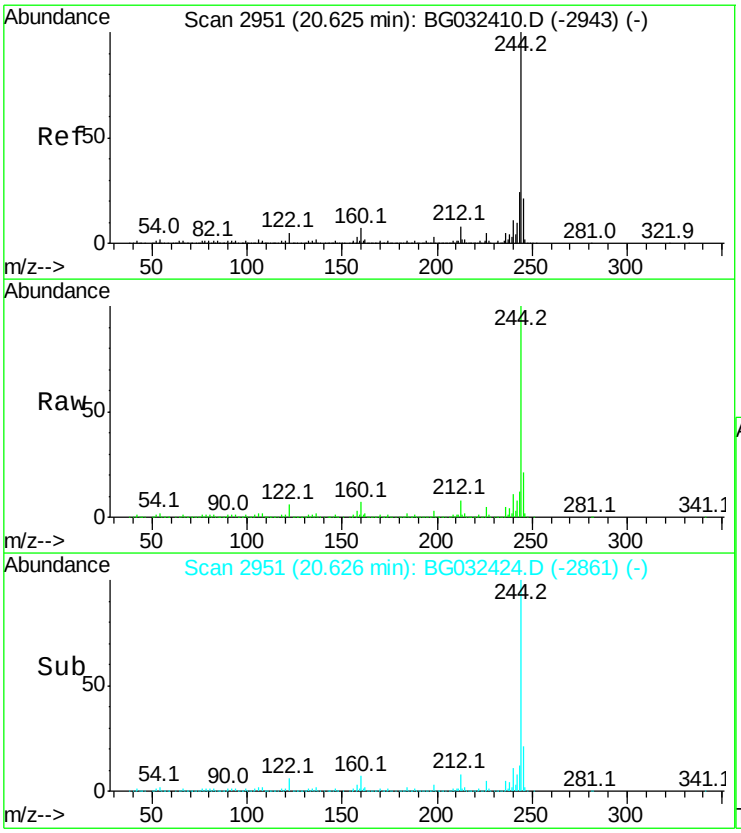
#76
Benzidine
Concen: 3.459 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19513

Ion	Ratio	Lower	Upper
184	100		
185	20.4	11.1	16.7#
183	9.7	10.6	16.0#

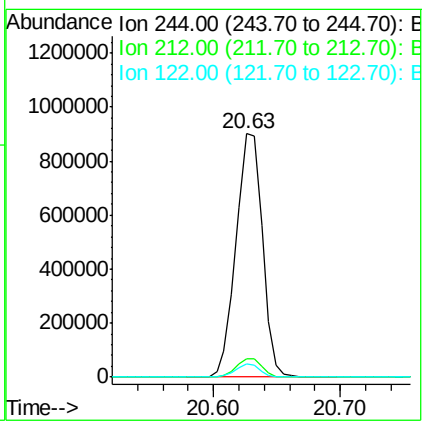


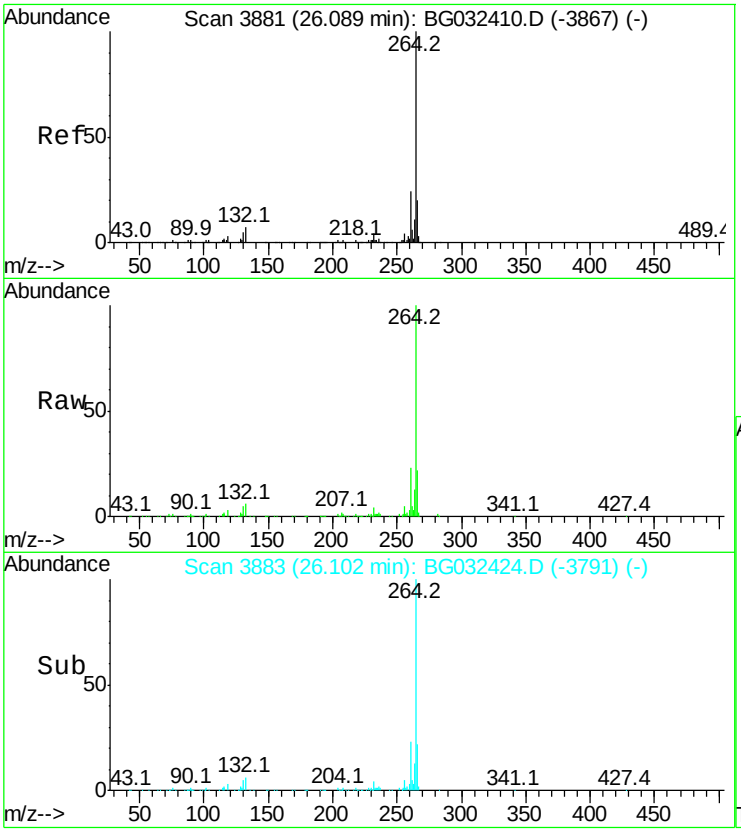


#78
Terphenyl-d14
Concen: 96.766 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Tgt Ion:244 Resp: 1297709

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. 0.01 min
Lab File: BG032424.D
Acq: 29 Jan 2018 21:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 304647

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.1	17.7	26.5