Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
Data File : BG032286.D
Acq On : 25 Jan 2018 7:39
Operator : SJ/JU
Sample : J1254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 25 09:49:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40781	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	154644	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	107932	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	295045	20.00	ng	0.00
75) Chrysene-d12	22.42	240	396955	20.00	ng	0.00
86) Perylene-d12	26.11	264	411855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	288137	129.22	ng	0.00
7) Phenol-d6	7.83	99	335977	119.64	ng	0.00
23) Nitrobenzene-d5	9.92	82	235945	103.22	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	279129	156.29	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	787431	90.46	ng	0.00
78) Terphenyl-d14	20.63	244	1721143	95.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	10942	12.773	ng	# 1
15) Benzyl Alcohol	9.06	79	4297	2.106	ng	# 61
19) n-Nitroso-di-n-propylamine	9.92	70	33605	19.287	ng	# 78
31) Naphthalene	11.66	128	101293	13.222	ng	96
32) Benzoic acid	10.85	122	132	5.324	ng	# 25
33) 4-Chloroaniline	11.65	127	13940	4.243	ng	# 37
50) 2,6-Dinitrotoluene	15.36	165	14059	7.171	ng	# 20
56) 2,4-Dinitrotoluene	15.36	165	14059	5.327	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.83	198	799	5.264	ng	# 49
66) 4-Bromophenyl-phenylether	16.83	248	23927	5.700	ng	# 1
76) Benzidine	20.63	184	24373	2.455	ng	# 90

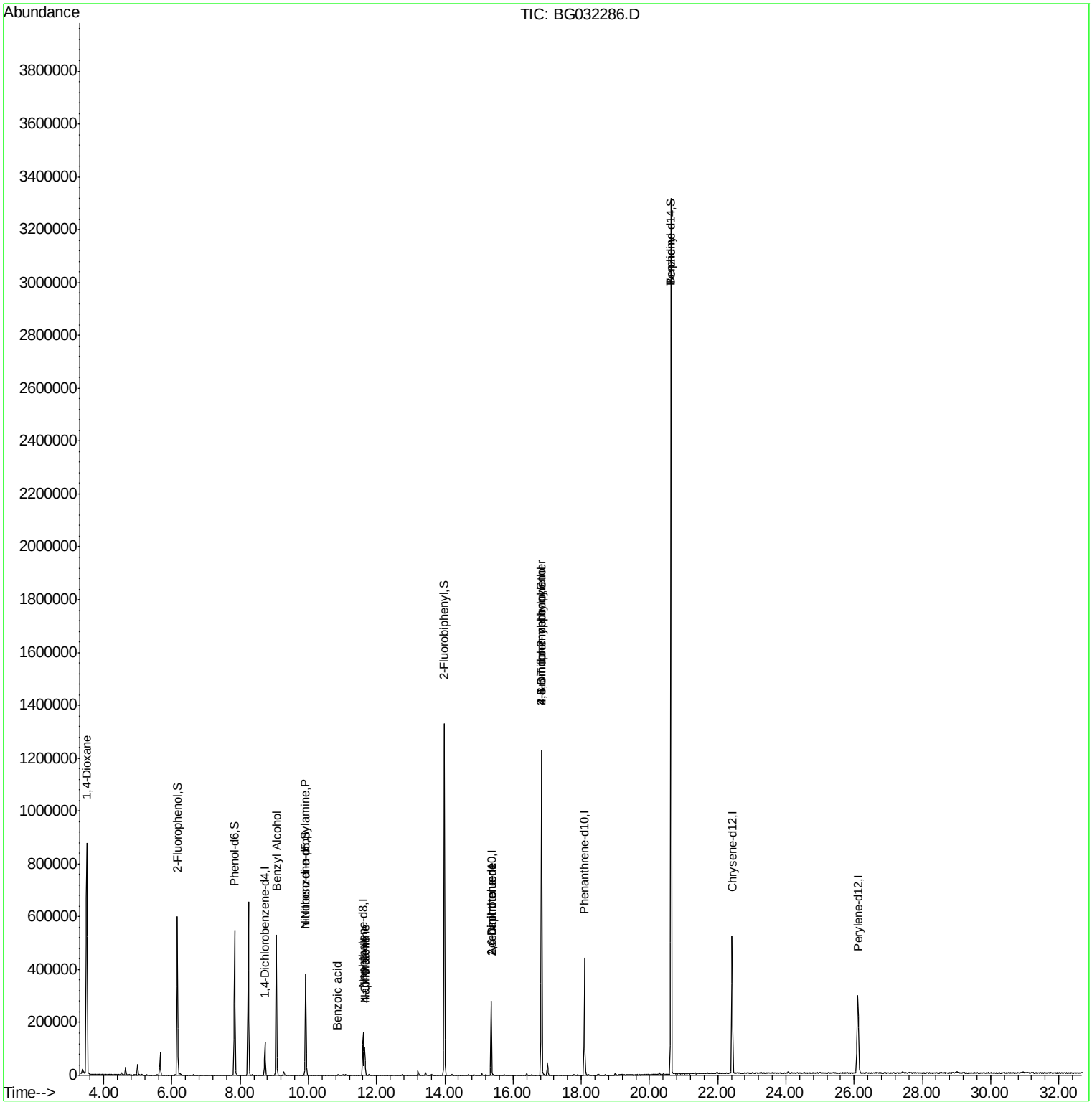
(#) = qualifier out of range (m) = manual integration (+) = signals summed

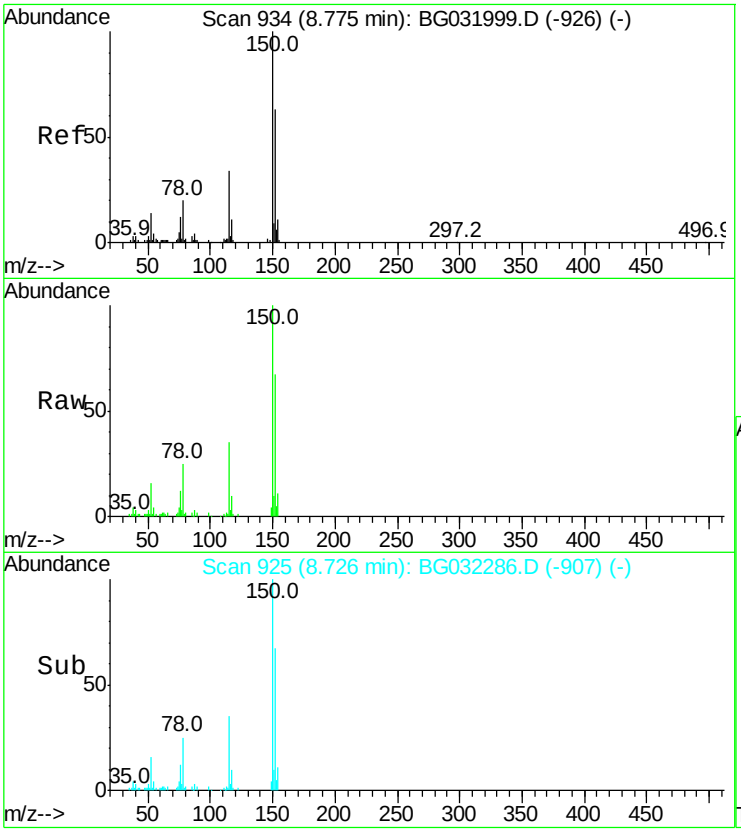
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
Data File : BG032286.D
Acq On : 25 Jan 2018 7:39
Operator : SJ/JU
Sample : J1254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 25 09:49:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration



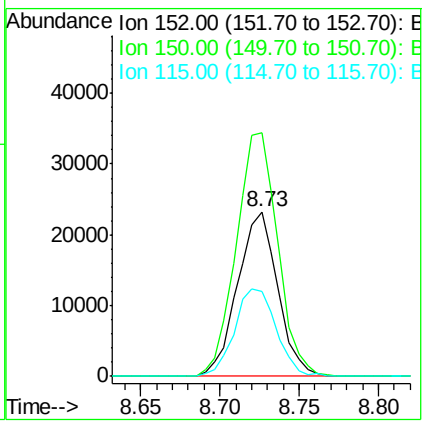


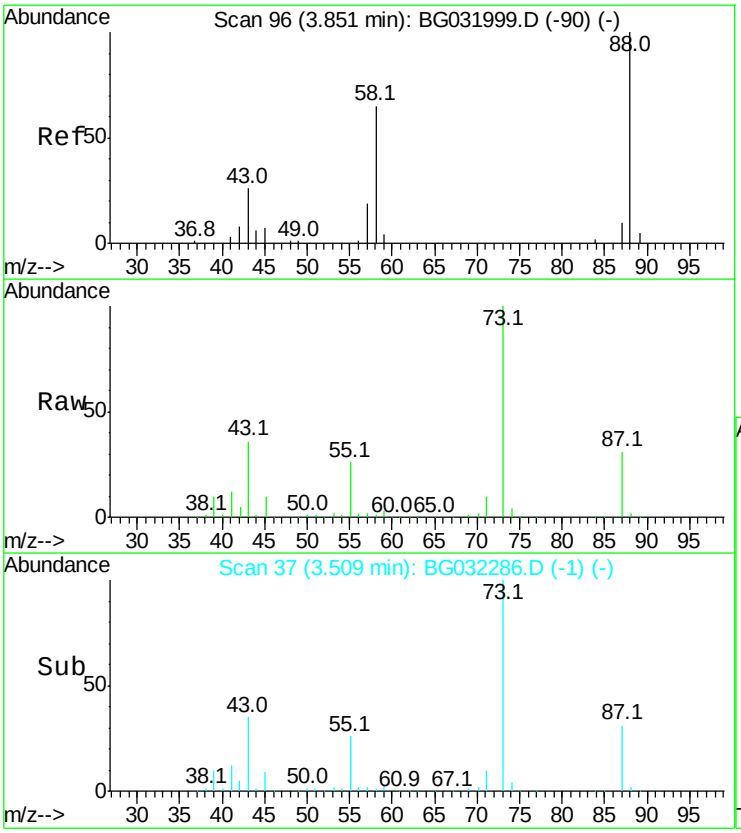
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40781

Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	52.1	53.0	79.4#

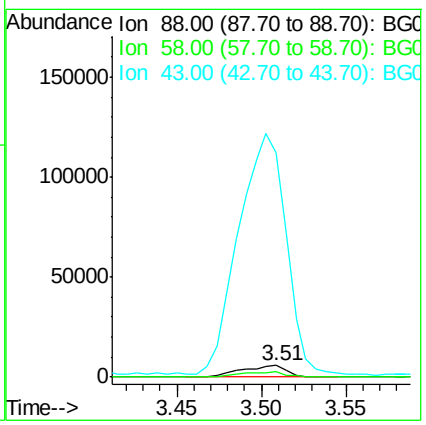


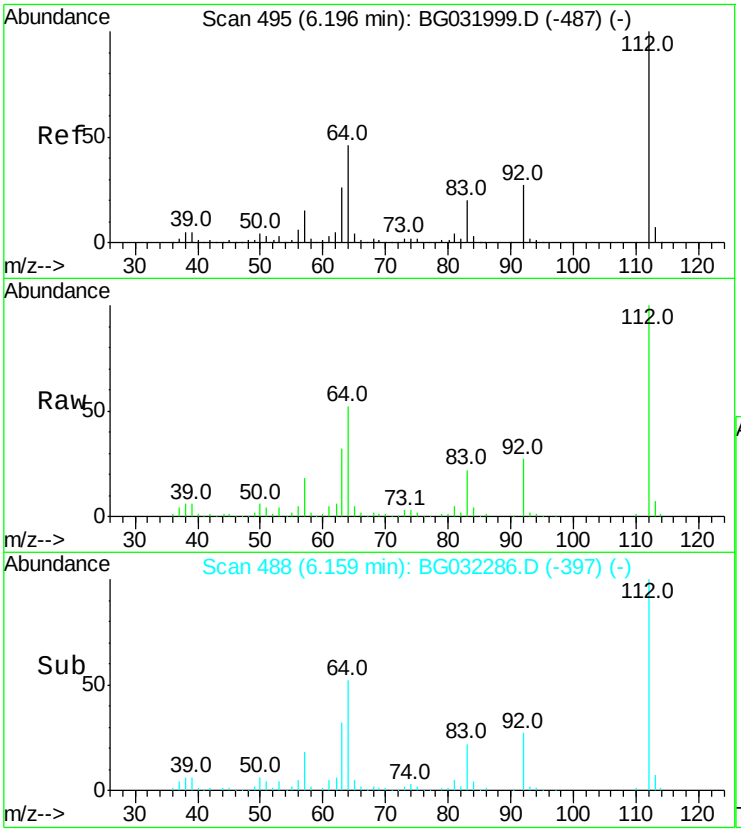


#2
1,4-Dioxane
Concen: 12.773 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.31 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion: 88 Resp: 10942

Ion	Ratio	Lower	Upper
88	100		
58	42.8	79.6	119.4#
43	2160.9	27.4	41.0#



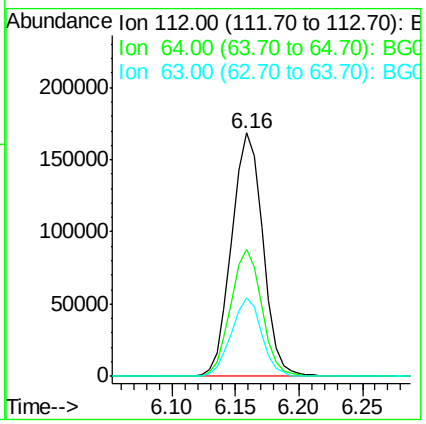


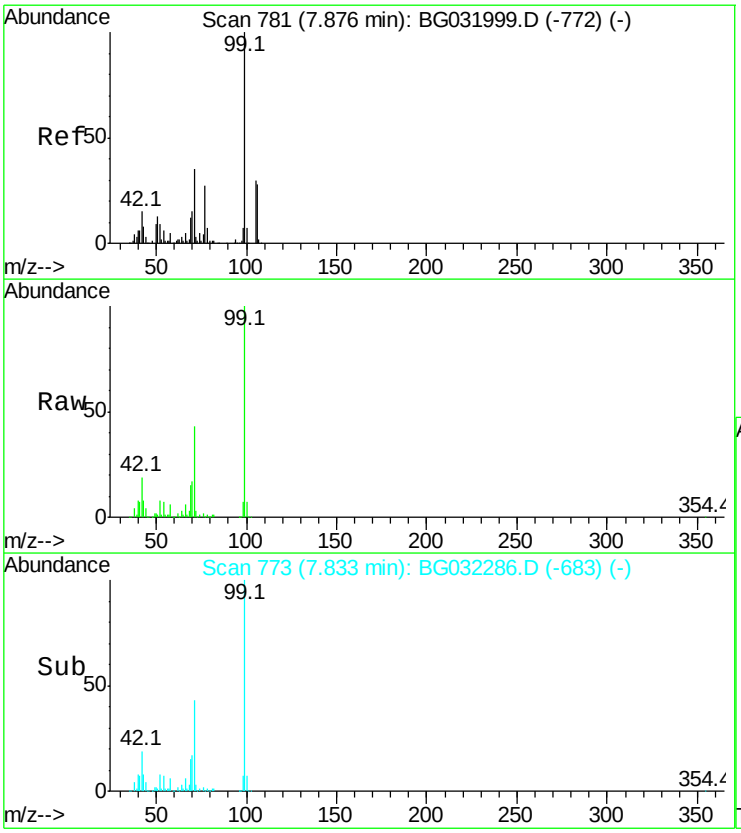
#5
2-Fluorophenol
Concen: 129.223 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 288137

Ion	Ratio	Lower	Upper
112	100		
64	52.2	56.3	84.5#
63	32.4	30.1	45.1

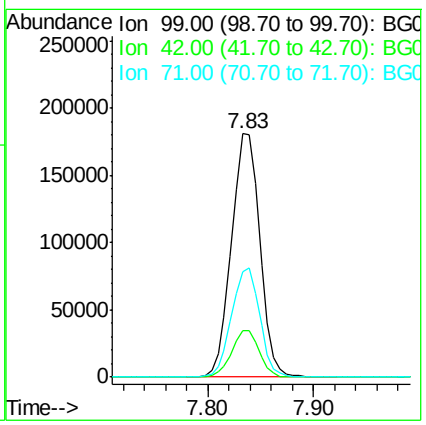


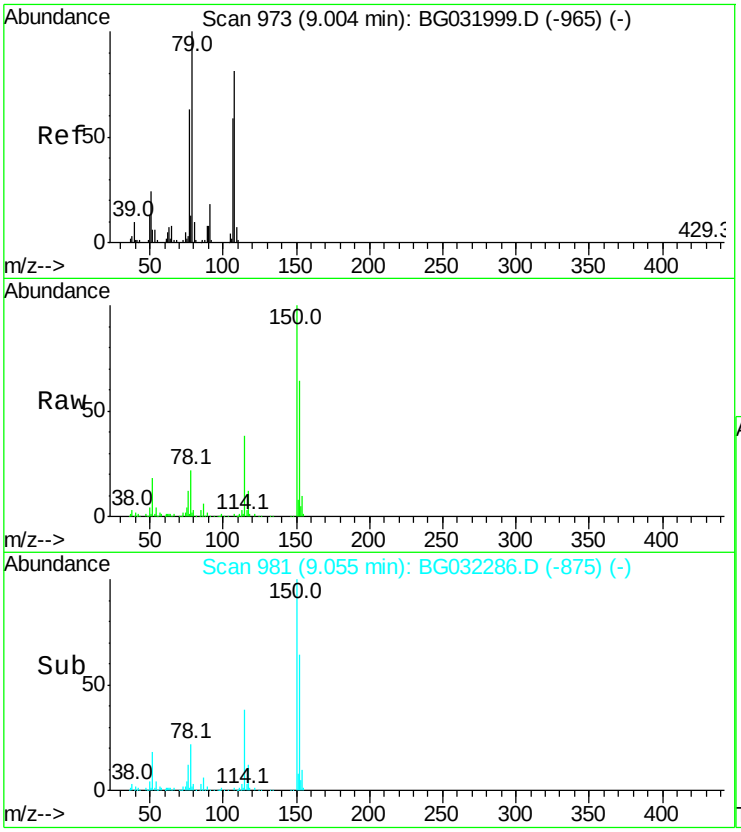


#7
Phenol-d6
Concen: 119.639 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion: 99 Resp: 335977

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	43.3	26.1	39.1#



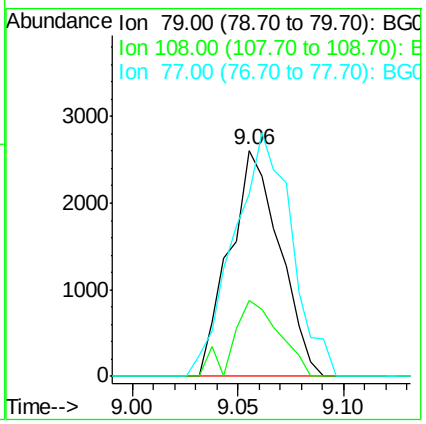


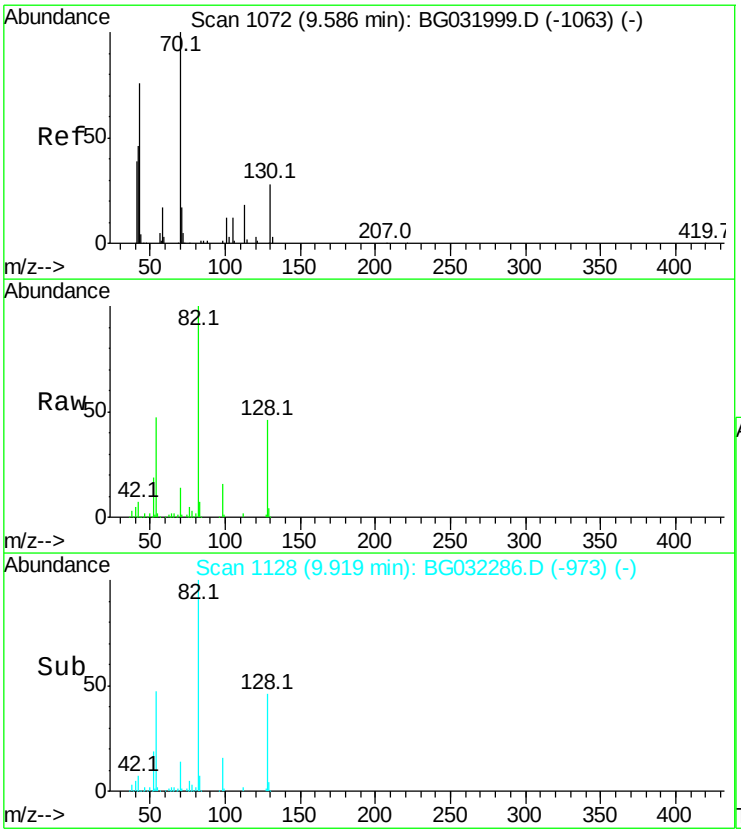
#15
Benzyl Alcohol
Concen: 2.106 ng
RT: 9.06 min Scan# 981
Delta R.T. 0.09 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4297

Ion	Ratio	Lower	Upper
79	100		
108	33.5	57.2	85.8#
77	80.4	46.1	69.1#

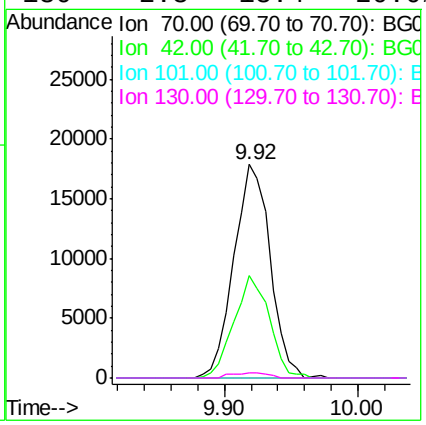


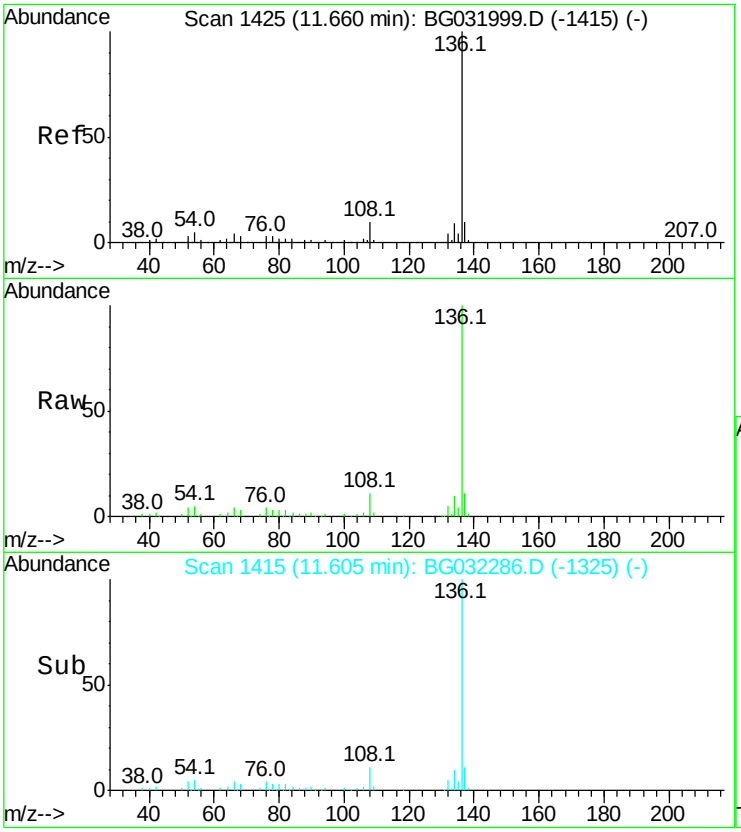


#19
n-Nitroso-di-n-propylamine
Concen: 19.287 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion: 70 Resp: 33605

Ion	Ratio	Lower	Upper
70	100		
42	48.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



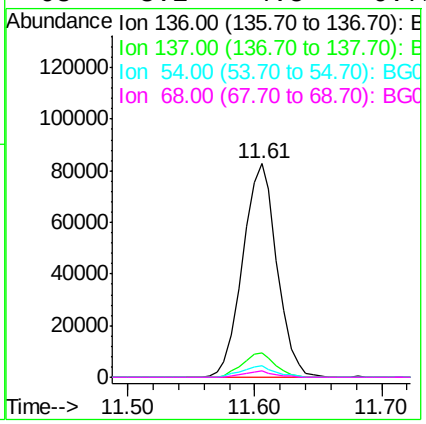


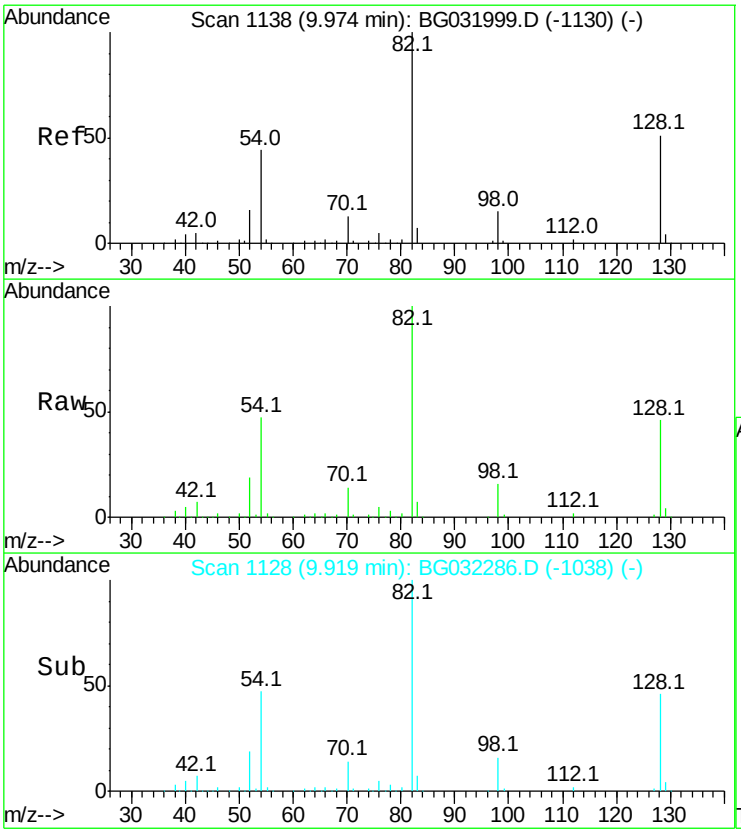
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 154644

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	5.4	10.3	15.5#
68	3.2	4.5	6.7#

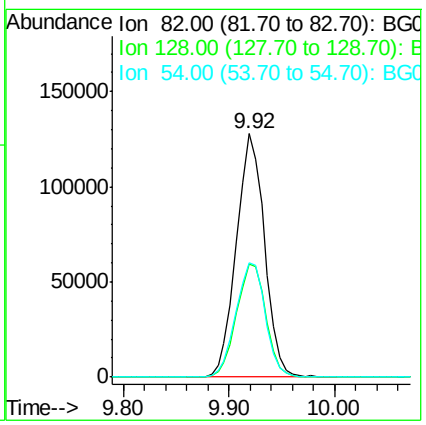


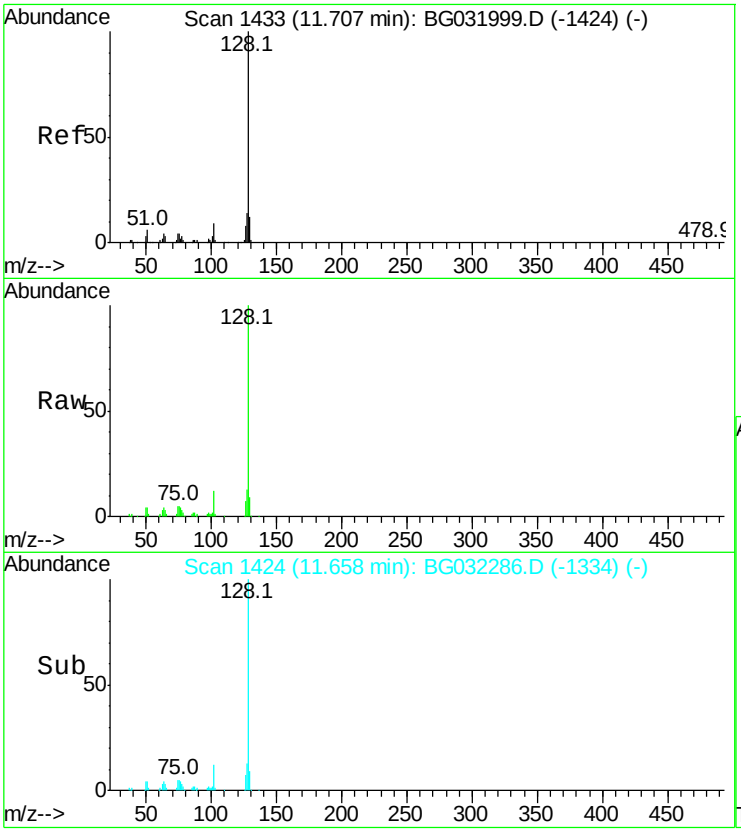


#23
Nitrobenzene-d5
Concen: 103.222 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion: 82 Resp: 235945

Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	47.1	43.1	64.7



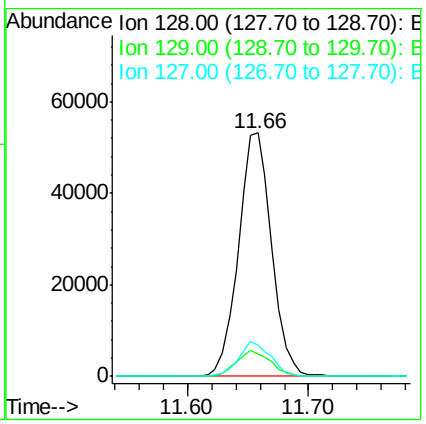


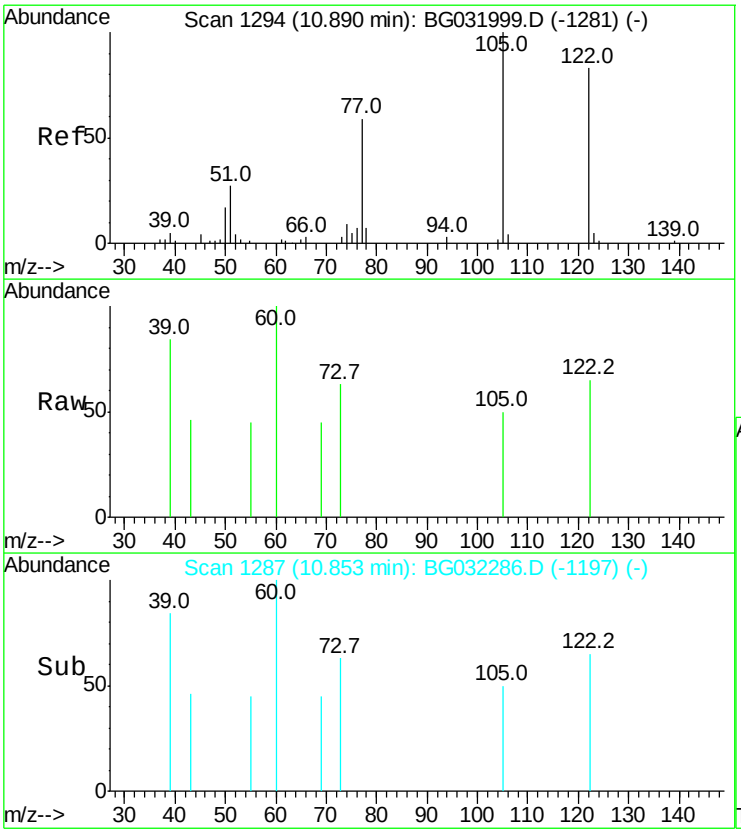
#31
Naphthalene
Concen: 13.222 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 101293

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.6	12.8
127	12.8	11.6	17.4

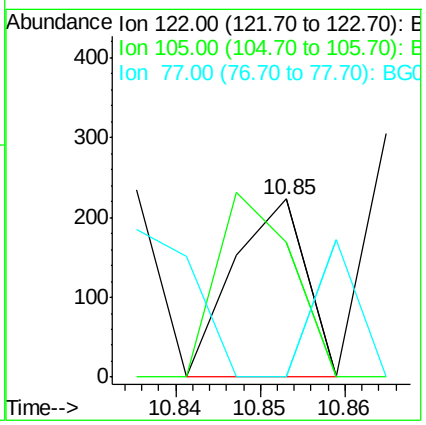


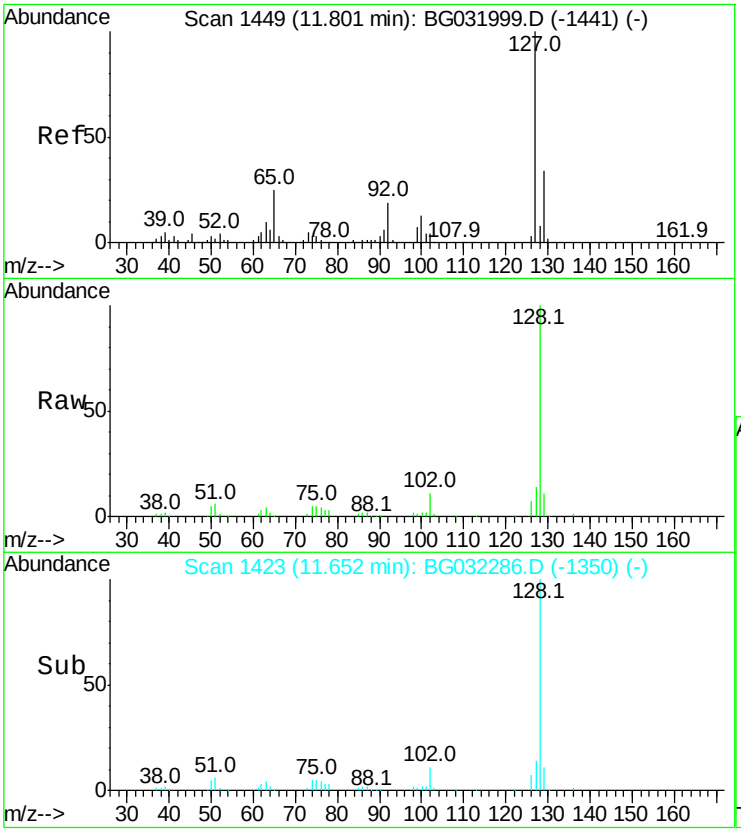


#32
Benzoic acid
Concen: 5.324 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	75.8	123.5	163.5#
77	0.0	85.7	125.7#



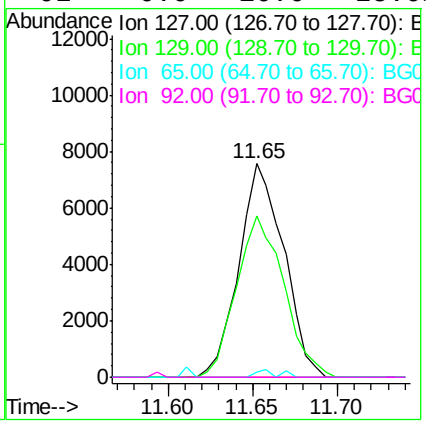


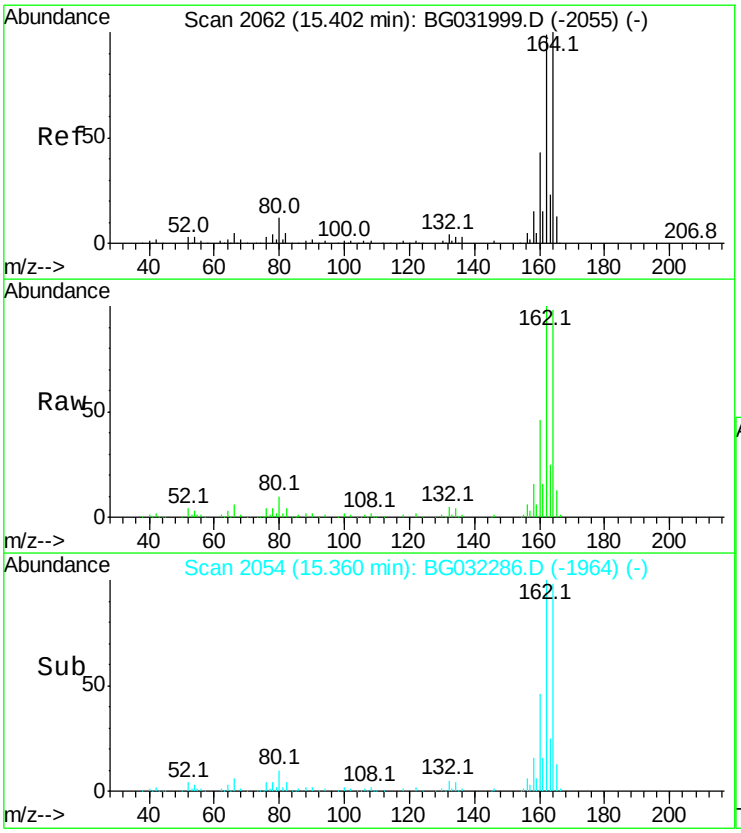
#33
4-Chloroaniline
Concen: 4.243 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.10 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 13940

Ion	Ratio	Lower	Upper
127	100		
129	75.6	24.0	36.0#
65	2.3	27.0	40.4#
92	0.0	16.6	25.0#

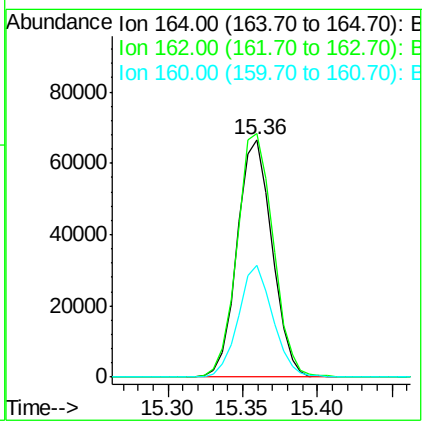


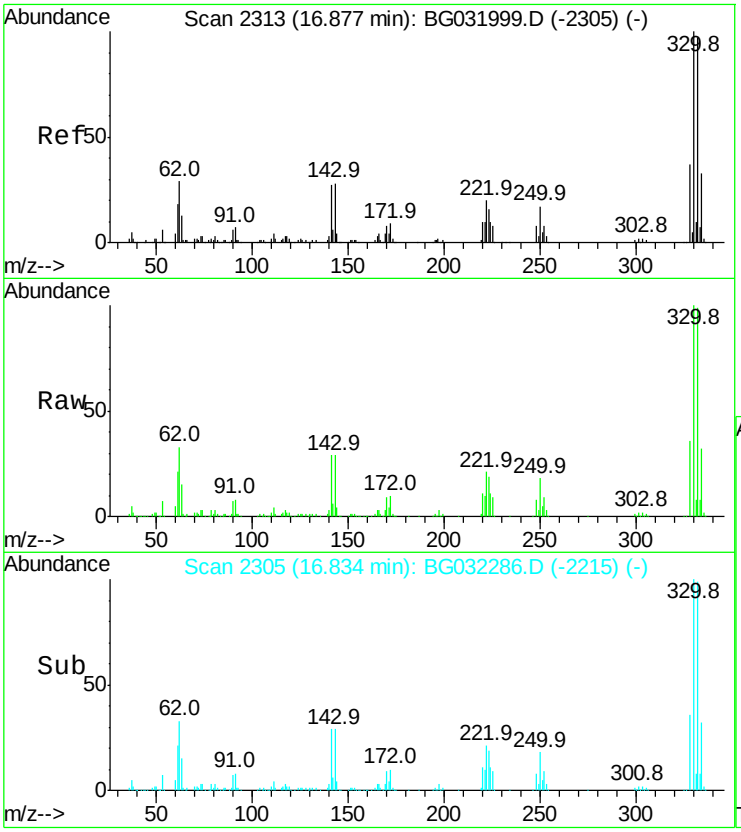


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:164 Resp: 107932

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	46.8	35.4	53.0



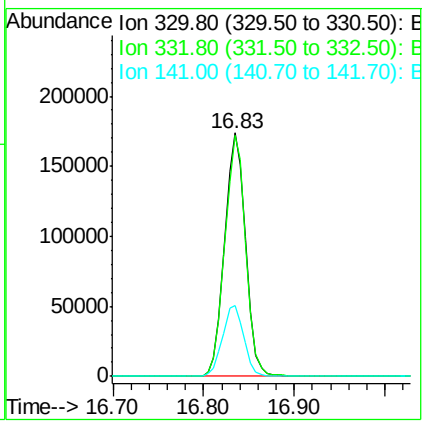


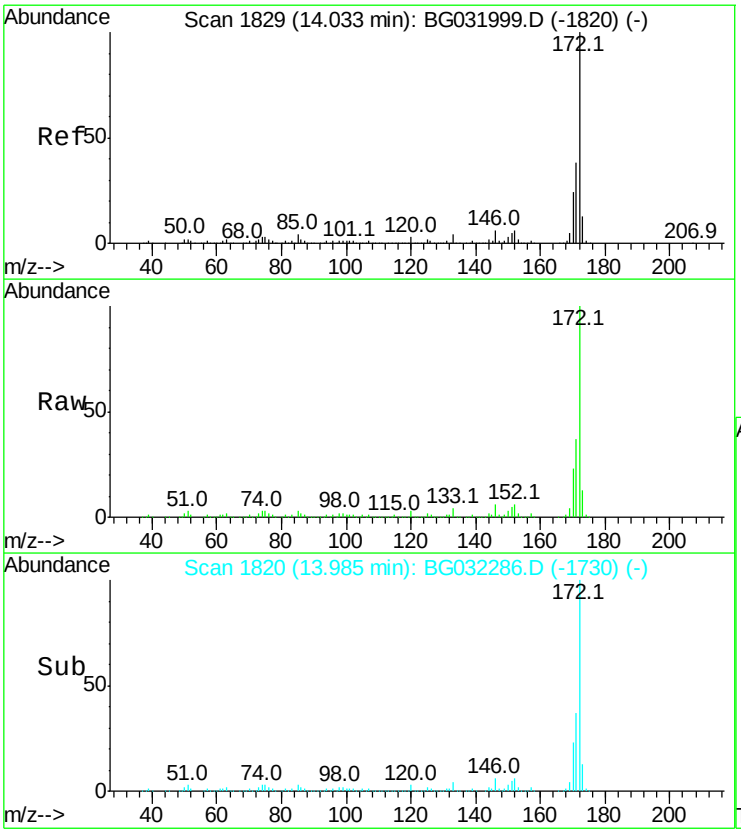
#41
2,4,6-Tribromophenol
Concen: 156.285 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 279129

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	29.5	25.2	37.8

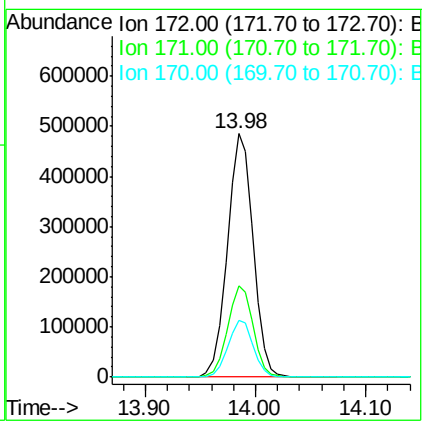


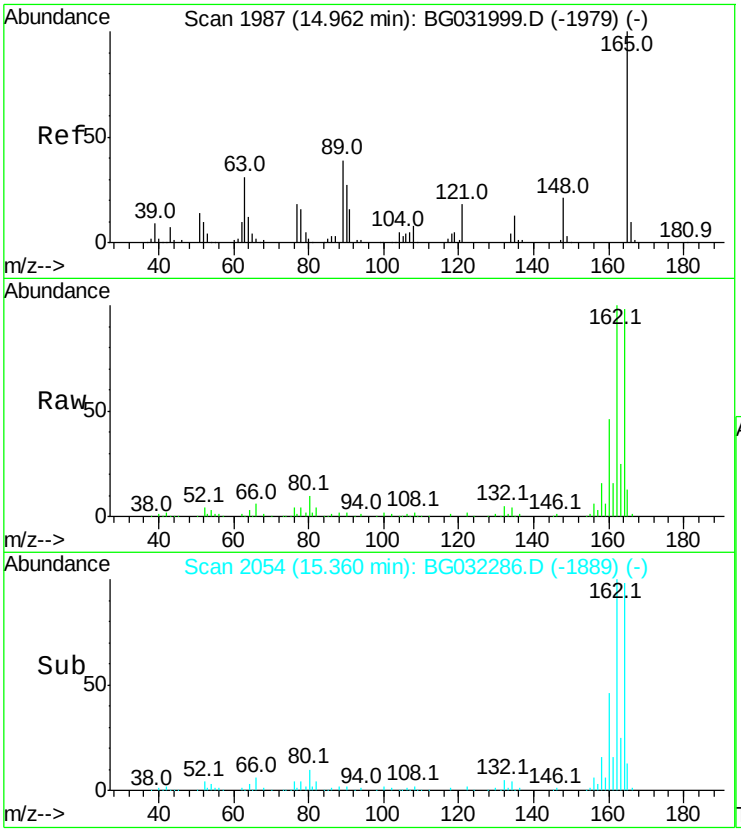


#44
2-Fluorobiphenyl
Concen: 90.462 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:172 Resp: 787431

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	19.5	29.3



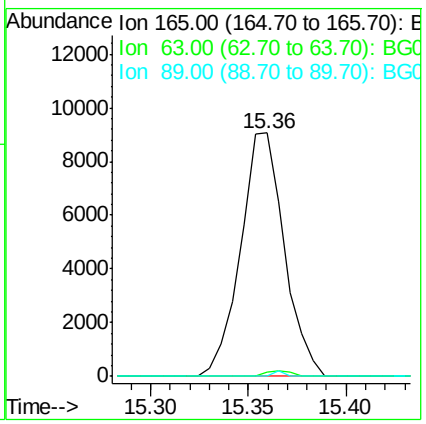


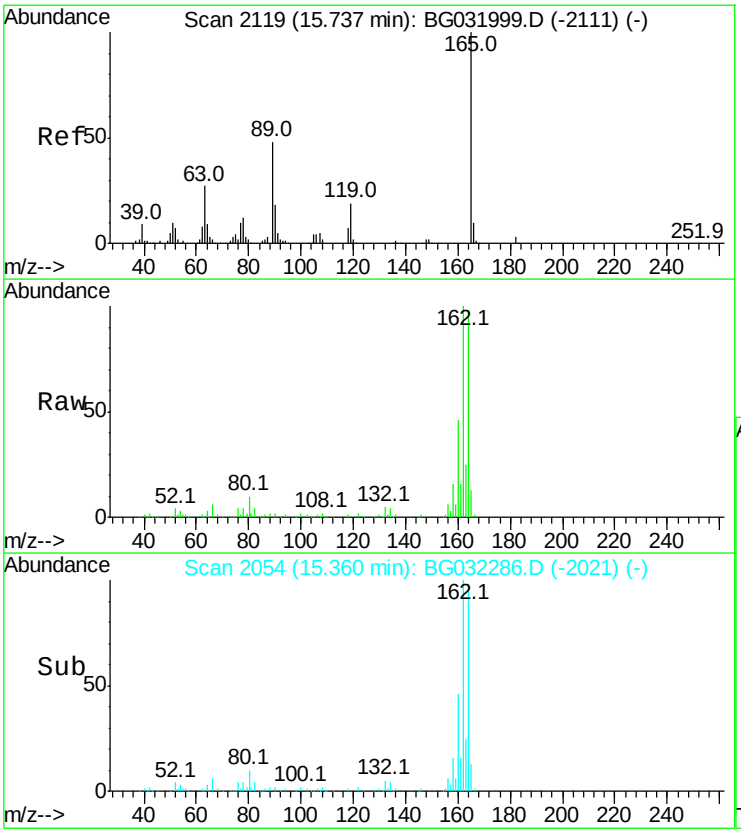
#50
2,6-Dinitrotoluene
Concen: 7.171 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14059

Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	0.0	49.2	73.8#

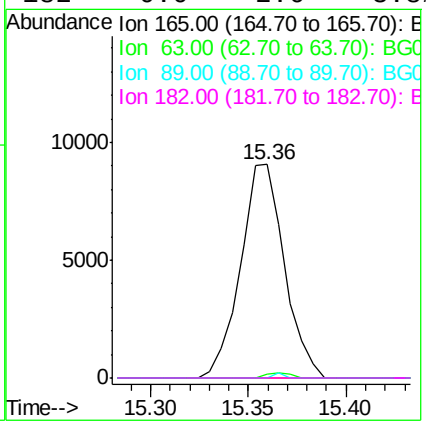


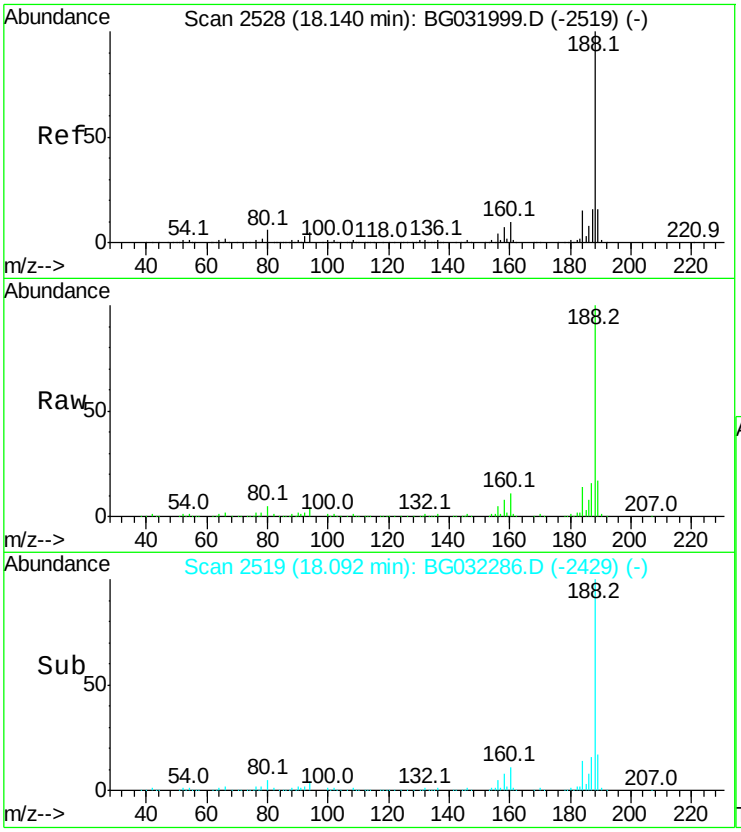


#56
2,4-Dinitrotoluene
Concen: 5.327 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:165 Resp: 14059

Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



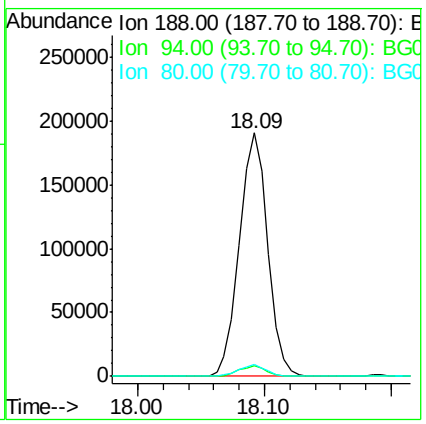


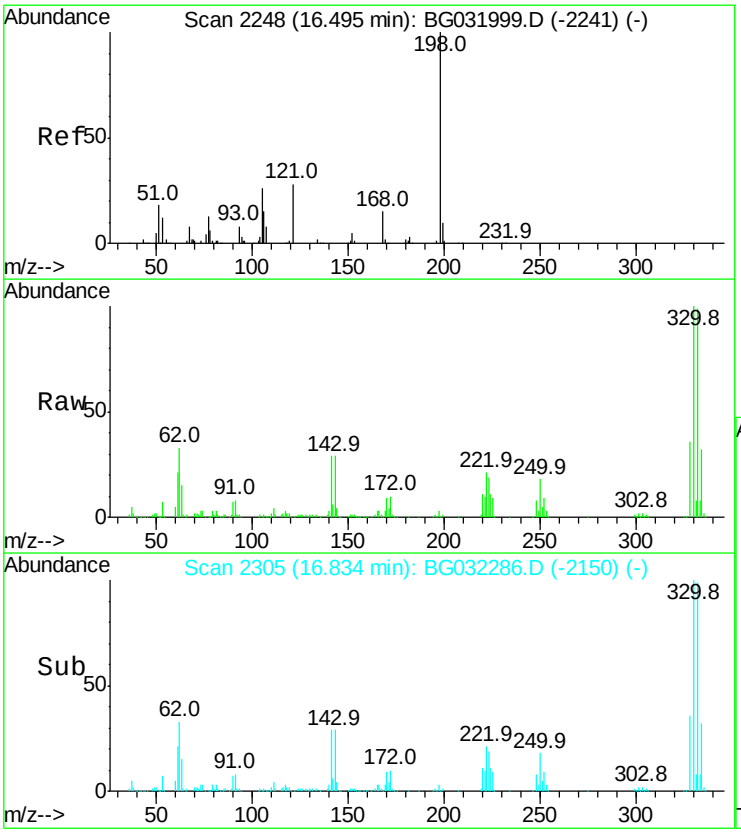
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 295045

Ion	Ratio	Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.9	7.7	11.5#

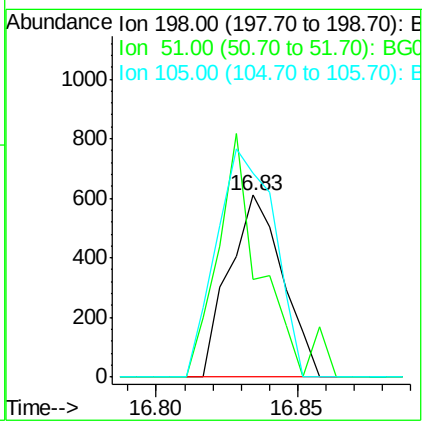


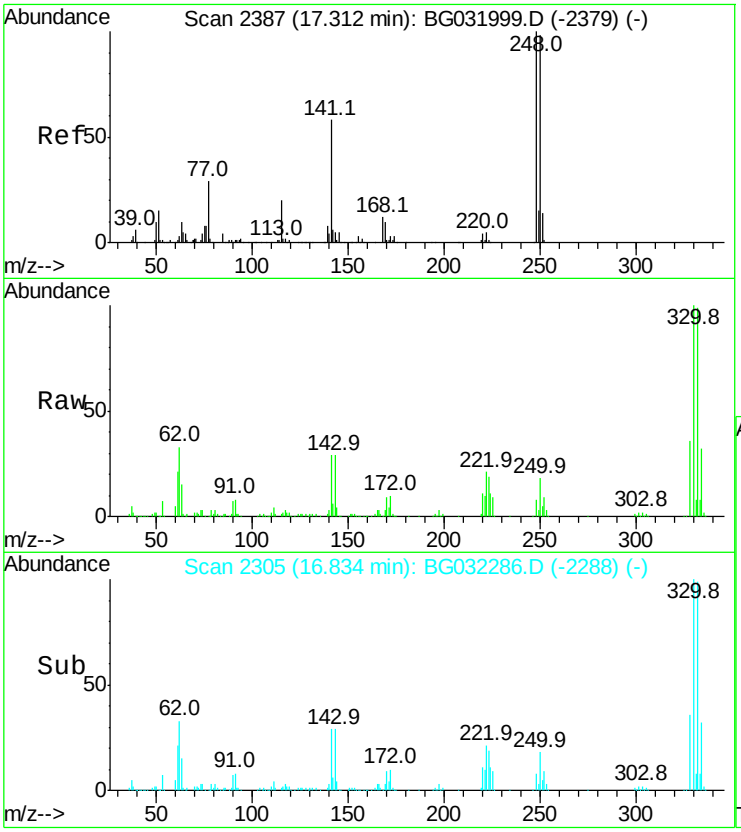


#64
4,6-Dinitro-2-methylphenol
Concen: 5.264 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.38 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:198 Resp: 799

Ion	Ratio	Lower	Upper
198	100		
51	53.7	30.6	70.6
105	112.1	23.8	63.8#



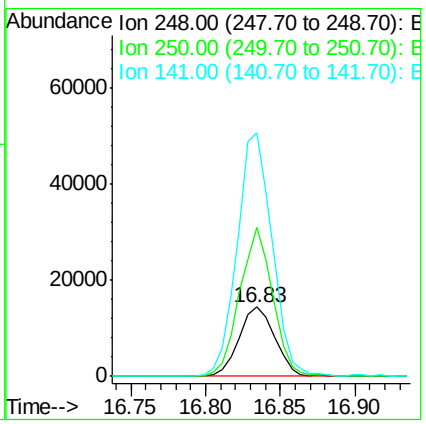


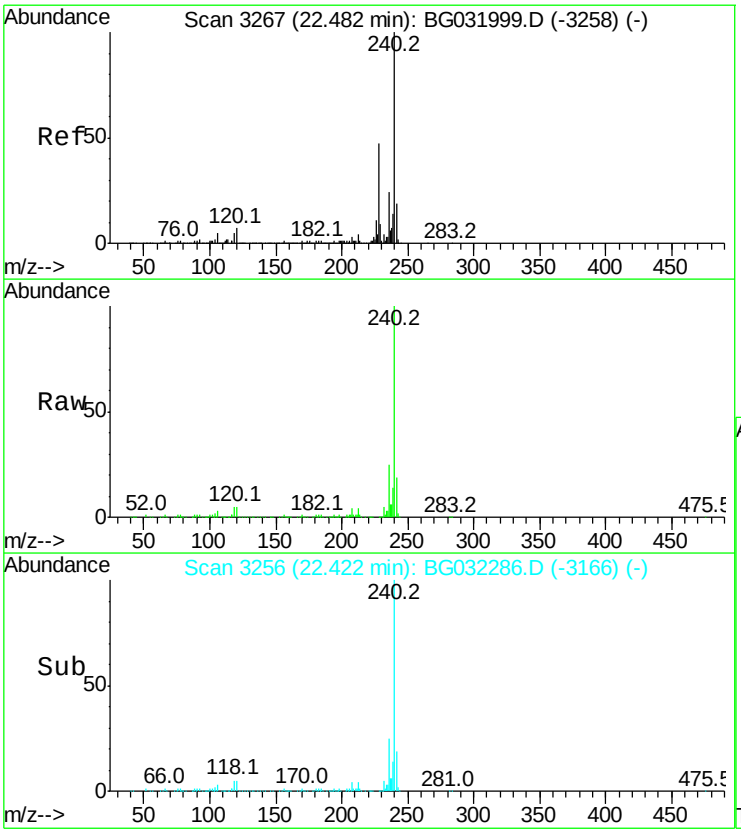
#66
4-Bromophenyl-phenylether
Concen: 5.700 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23927

Ion	Ratio	Lower	Upper
248	100		
250	214.0	77.1	115.7#
141	351.3	50.8	76.2#

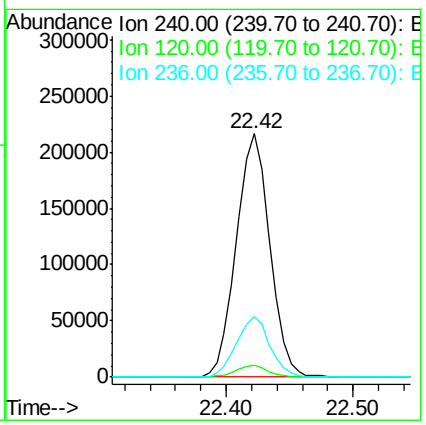


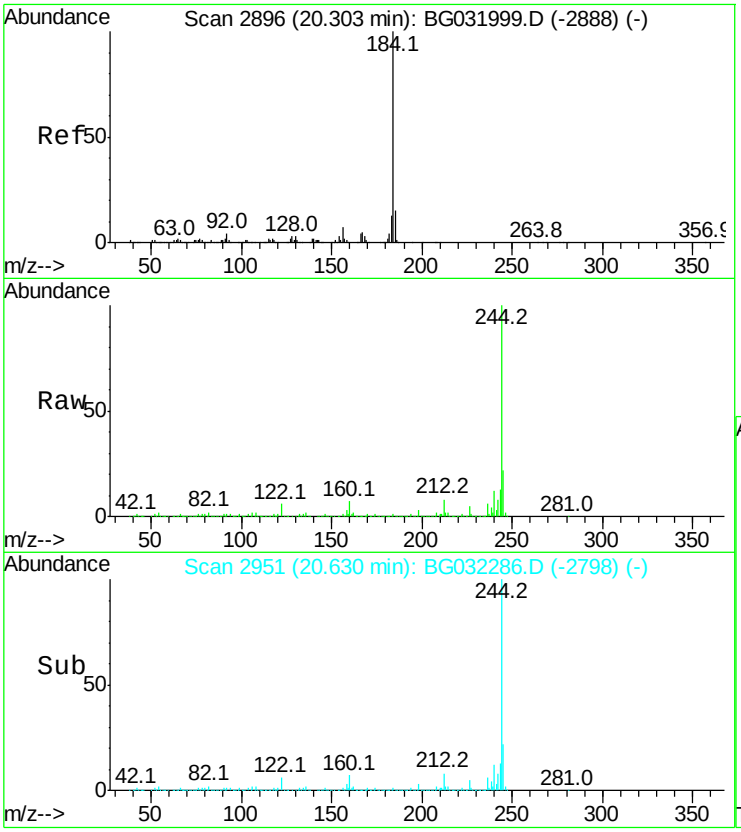


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:240 Resp: 396955

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.0	20.9	31.3



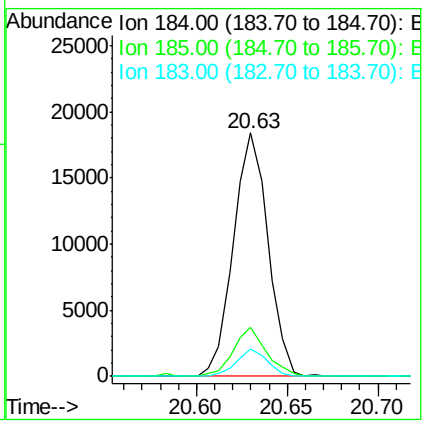


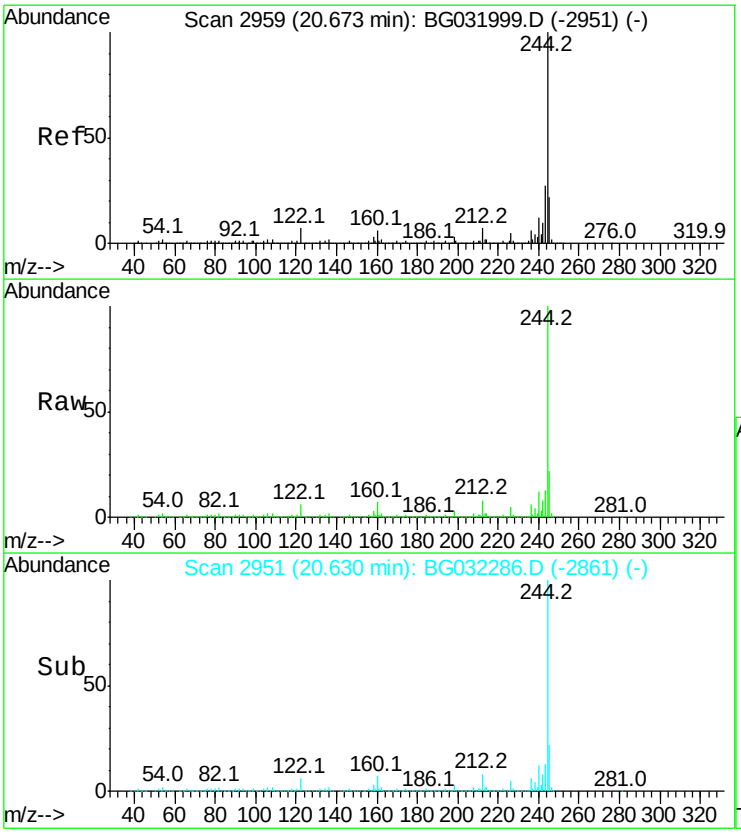
#76
Benzidine
Concen: 2.455 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.37 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24373

Ion	Ratio	Lower	Upper
184	100		
185	20.1	11.1	16.7#
183	11.1	10.6	16.0

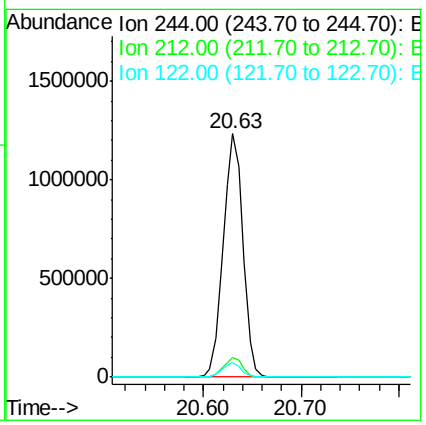


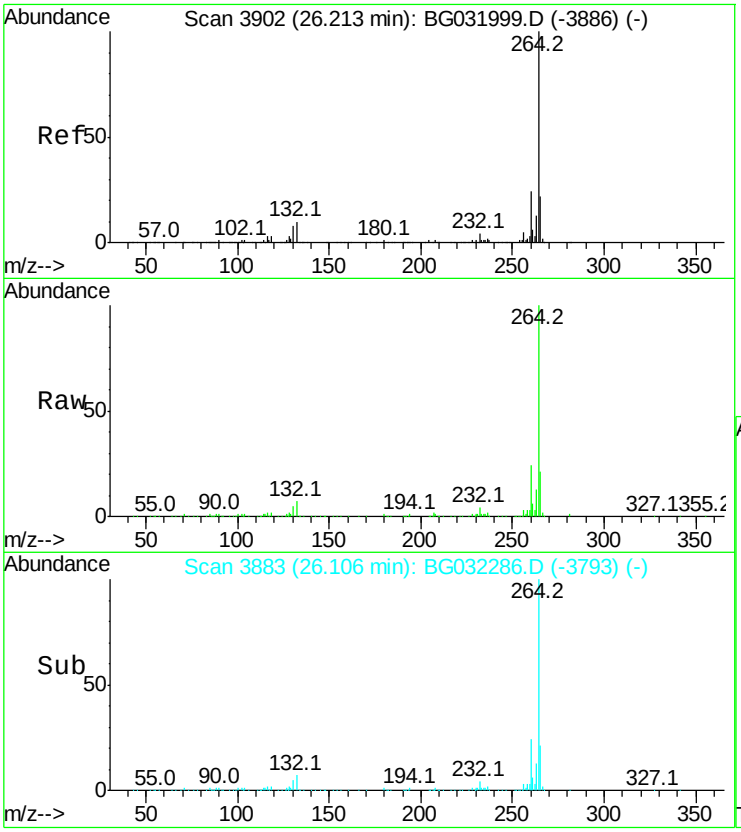


#78
Terphenyl-d14
Concen: 95.738 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Tgt Ion:244 Resp: 1721143

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3883
Delta R.T. -0.00 min
Lab File: BG032286.D
Acq: 25 Jan 2018 7:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 411855

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.7	17.7	26.5