Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
Data File : BG032285.D
Acq On : 25 Jan 2018 7:02
Operator : SJ/JU
Sample : J1254-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 25 09:49:13 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	44981	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	175498	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	117259	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	312834	20.00	ng	0.00
75) Chrysene-d12	22.42	240	400945	20.00	ng	0.00
86) Perylene-d12	26.10	264	411449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	307597	125.07	ng	0.00
7) Phenol-d6	7.84	99	357637	115.46	ng	0.00
23) Nitrobenzene-d5	9.92	82	256410	98.85	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	292127	150.55	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	863351	91.29	ng	0.00
78) Terphenyl-d14	20.63	244	1717008	94.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	13092	13.856	ng	# 1
19) n-Nitroso-di-n-propylamine	9.92	70	37460	19.492	ng	# 72
31) Naphthalene	11.65	128	398595	45.848	ng	98
32) Benzoic acid	10.84	122	162	5.330	ng	# 17
33) 4-Chloroaniline	11.65	127	55236	14.816	ng	# 32
37) 2-Methylnaphthalene	13.22	142	36950	5.353	ng	98
50) 2,6-Dinitrotoluene	15.36	165	15340	7.202	ng	# 20
56) 2,4-Dinitrotoluene	15.36	165	15340	5.350	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.84	198	922	5.298	ng	# 1
66) 4-Bromophenyl-phenylether	16.84	248	25039	5.625	ng	# 1
76) Benzidine	20.63	184	25630	2.556	ng	# 93

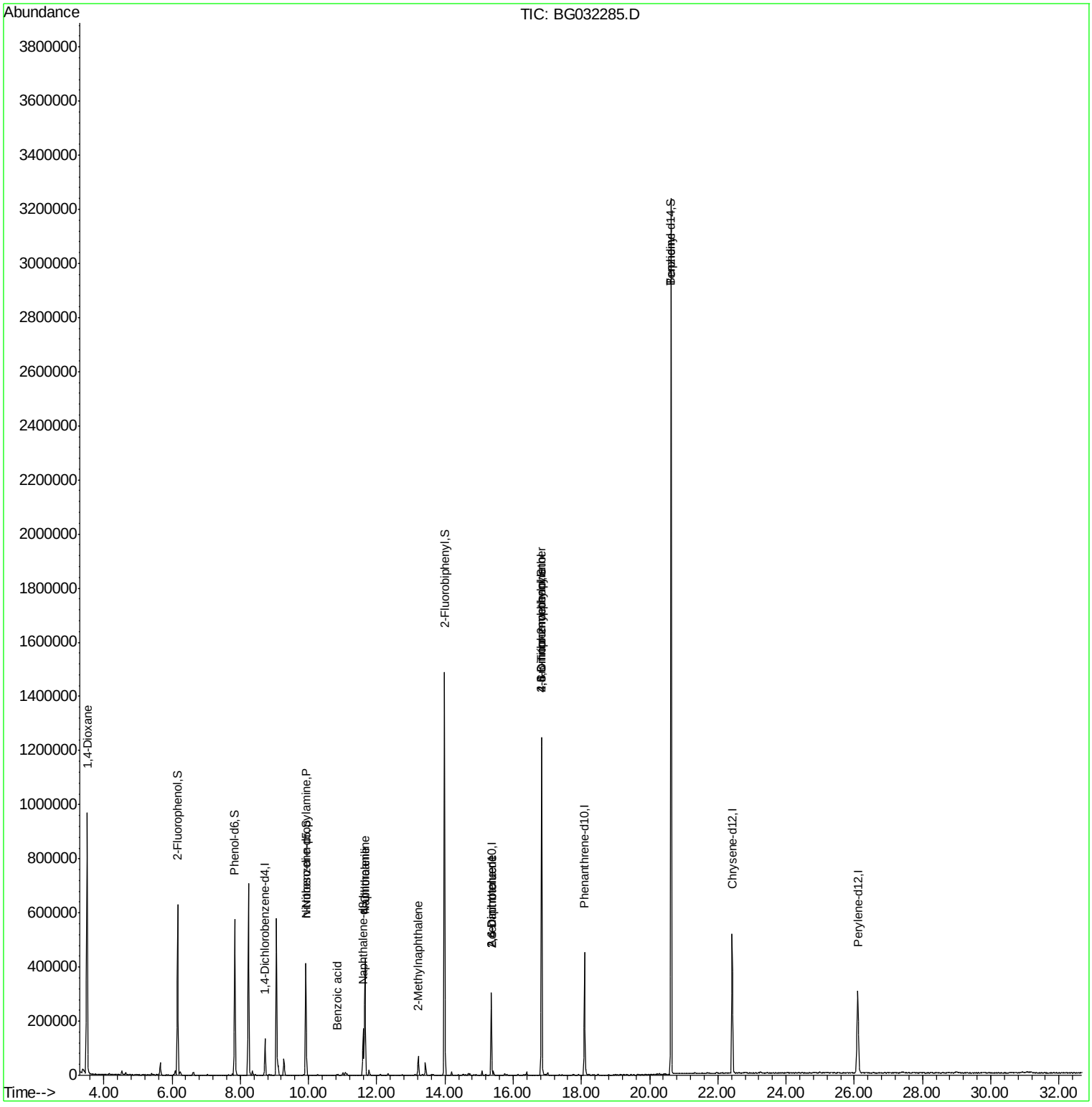
(#) = qualifier out of range (m) = manual integration (+) = signals summed

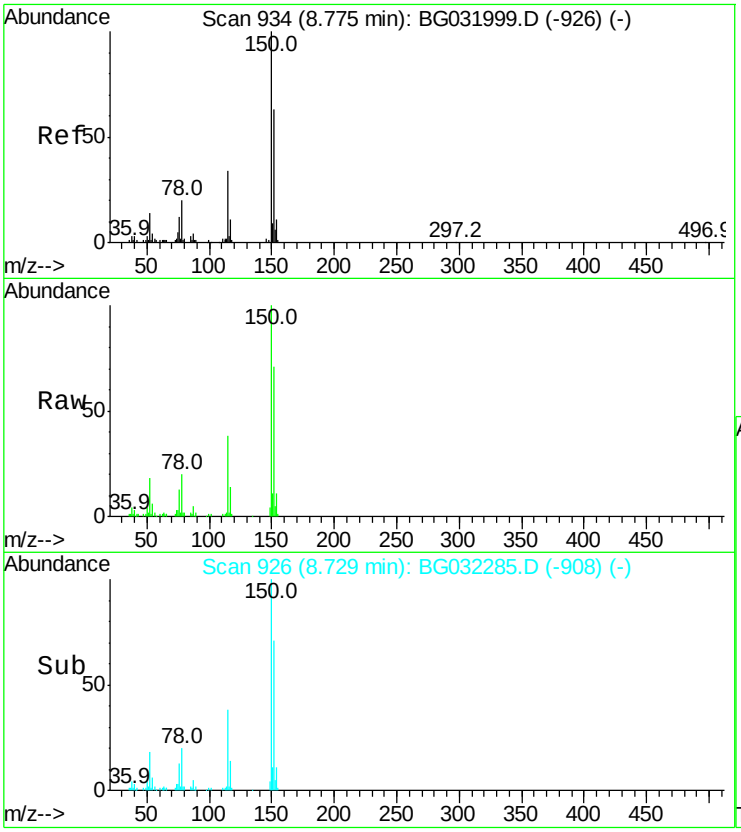
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
Data File : BG032285.D
Acq On : 25 Jan 2018 7:02
Operator : SJ/JU
Sample : J1254-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 25 09:49:13 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



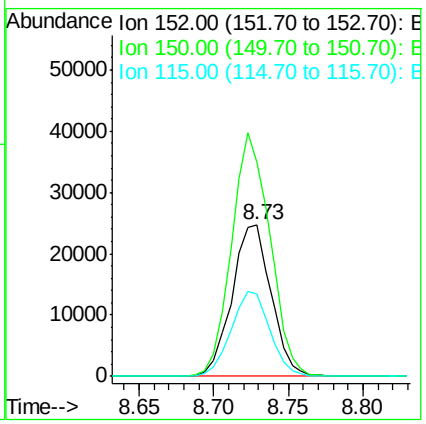


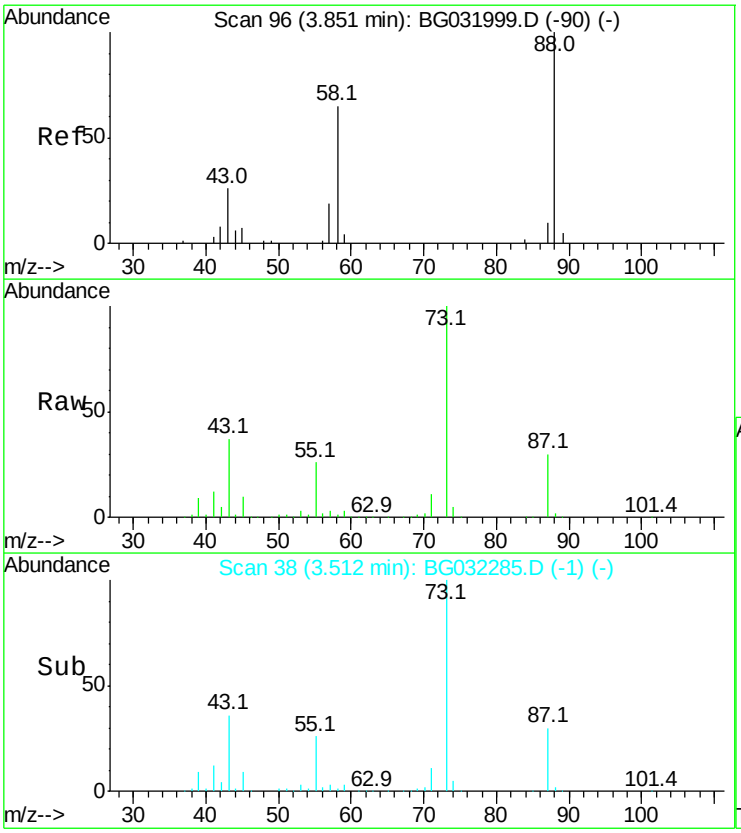
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. 0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44981

Ion	Ratio	Lower	Upper
152	100		
150	141.1	126.6	189.8
115	54.0	53.0	79.4

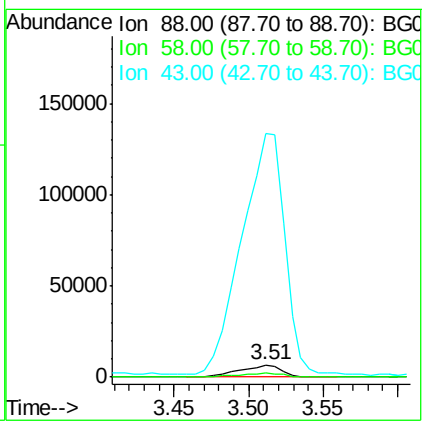


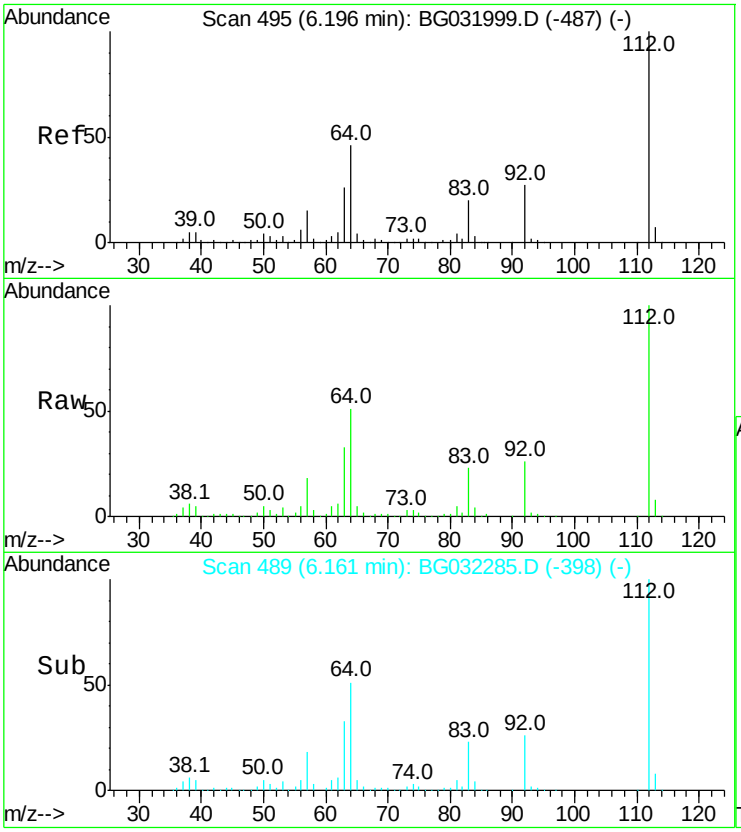


#2
1,4-Dioxane
Concen: 13.856 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.31 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion: 88 Resp: 13092

Ion	Ratio	Lower	Upper
88	100		
58	34.2	79.6	119.4#
43	2047.6	27.4	41.0#



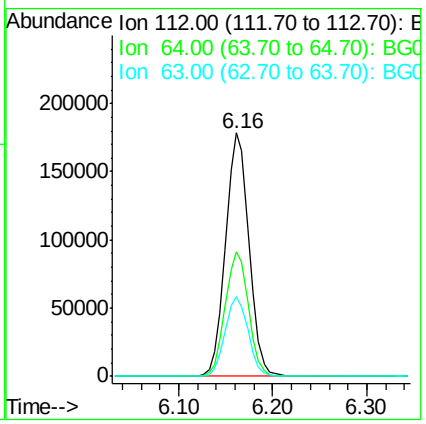


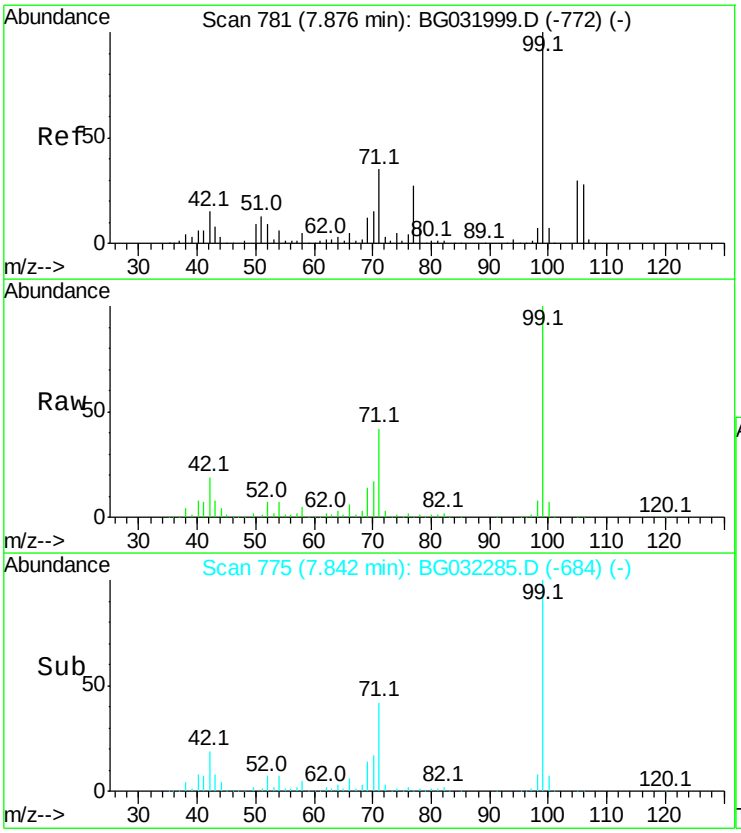
#5
2-Fluorophenol
Concen: 125.069 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 307597

Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	32.7	30.1	45.1

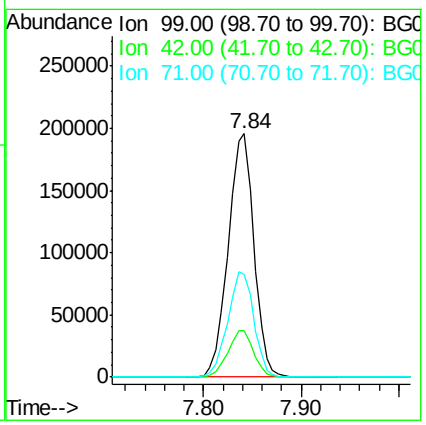


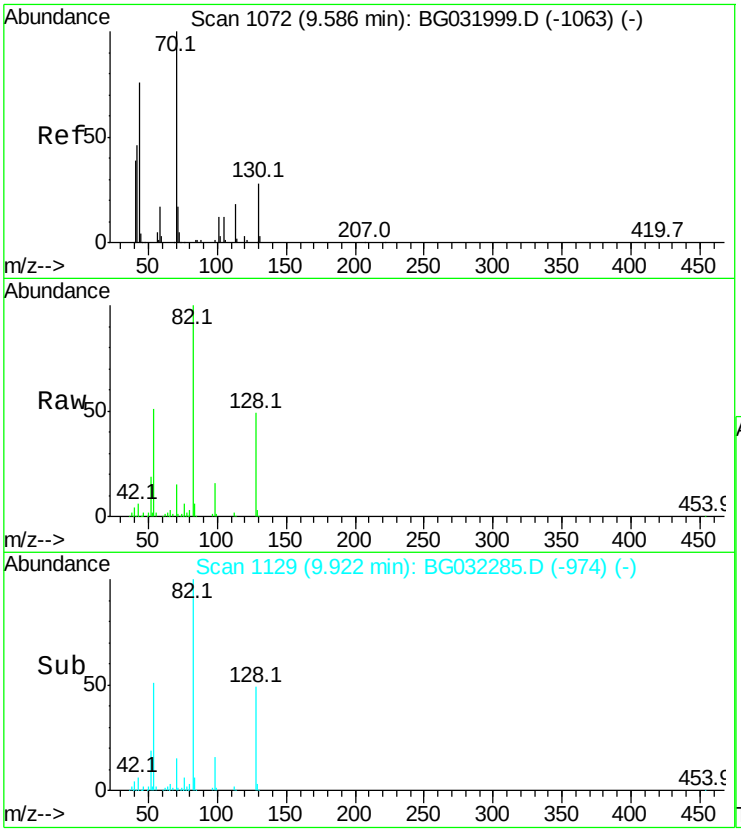


#7
Phenol-d6
Concen: 115.461 ng
RT: 7.84 min Scan# 775
Delta R.T. 0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion: 99 Resp: 357637

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	42.4	26.1	39.1#



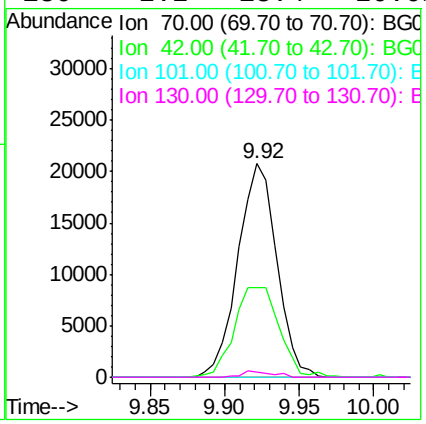


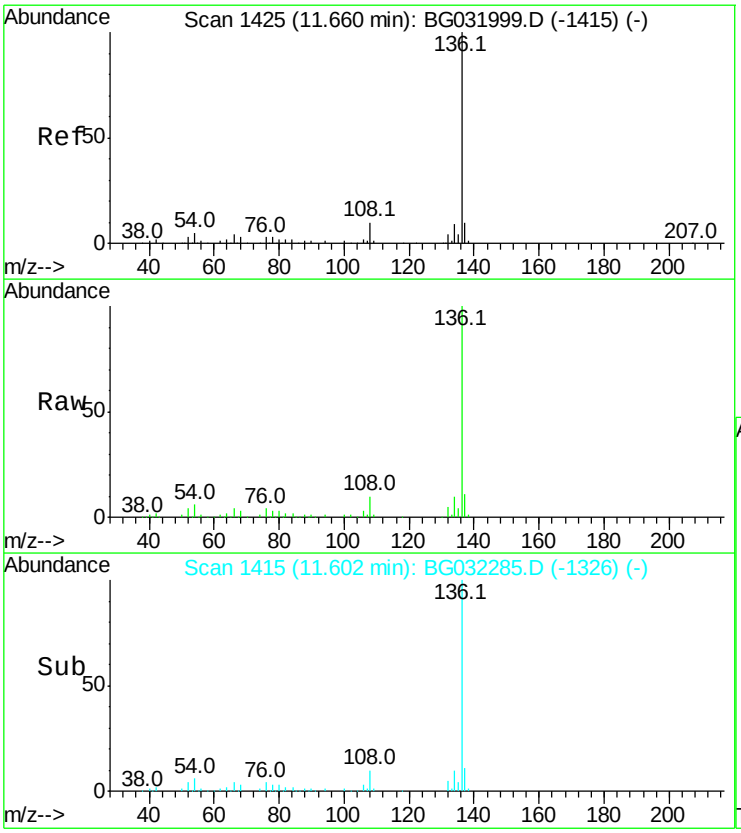
#19
n-Nitroso-di-n-propylamine
Concen: 19.492 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37460

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

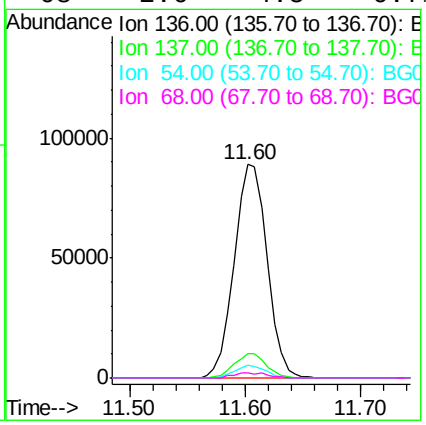


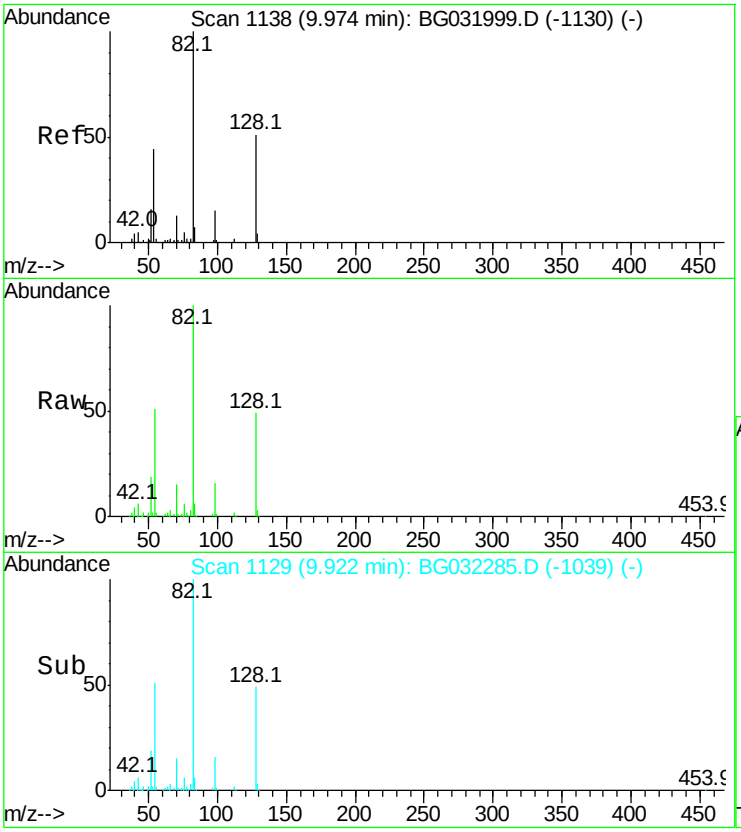


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:136 Resp: 175498

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.1	10.3	15.5#
68	2.6	4.5	6.7#



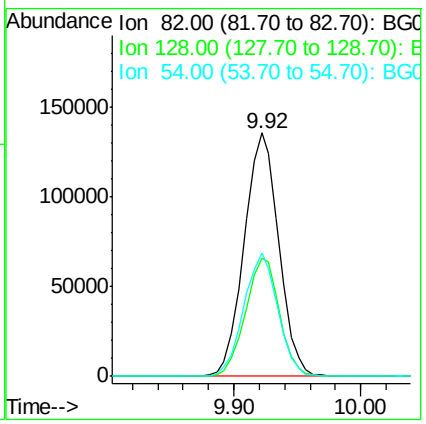


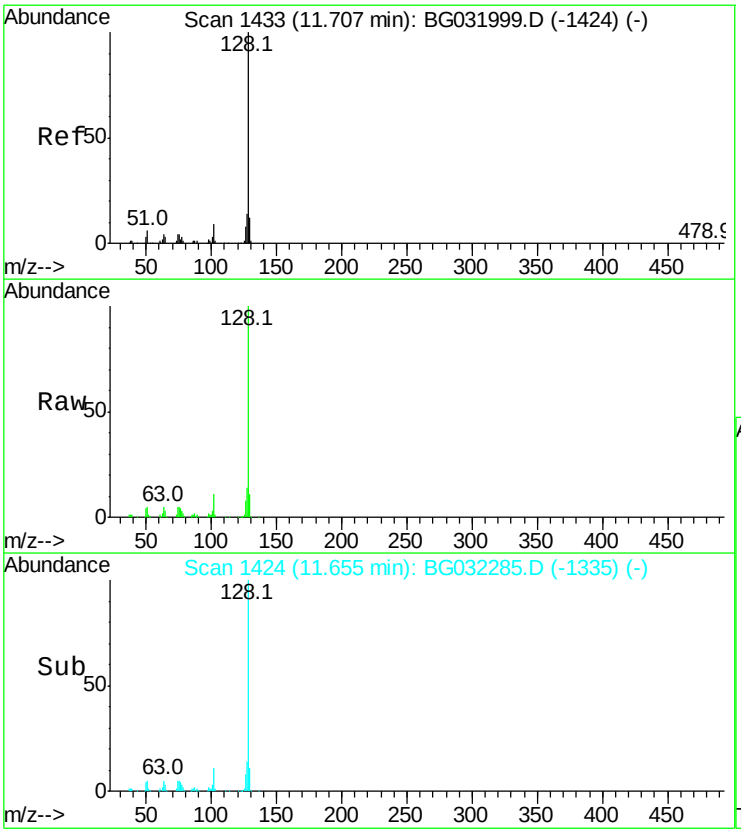
#23
Nitrobenzene-d5
Concen: 98.846 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 256410

Ion	Ratio	Lower	Upper
82	100		
128	48.7	29.7	44.5#
54	50.6	43.1	64.7

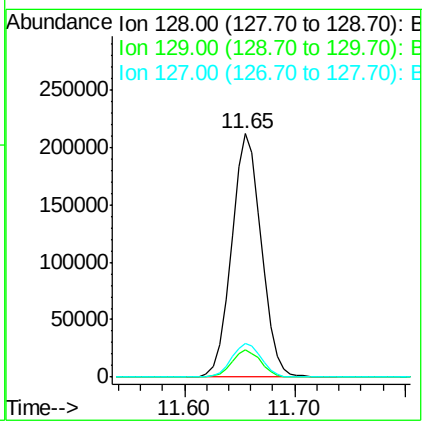


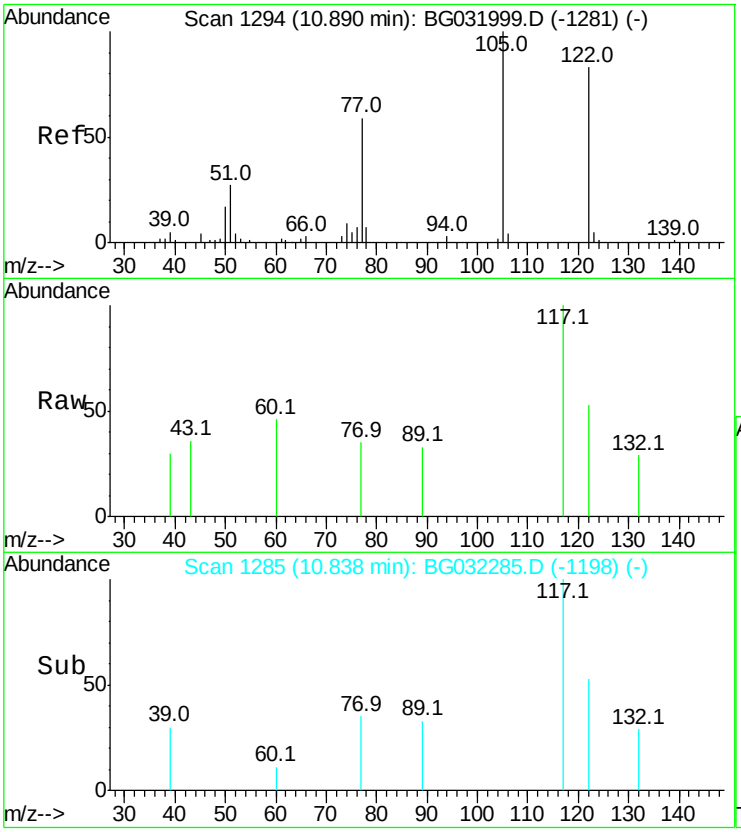


#31
Naphthalene
Concen: 45.848 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:128 Resp: 398595

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.7	11.6	17.4



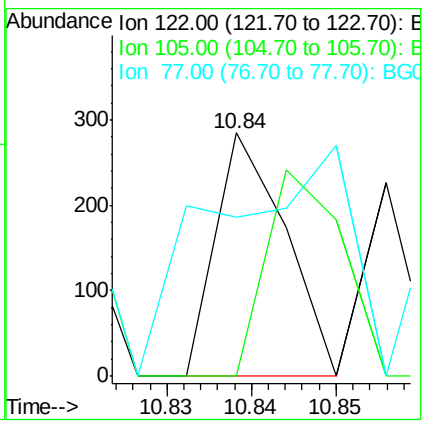


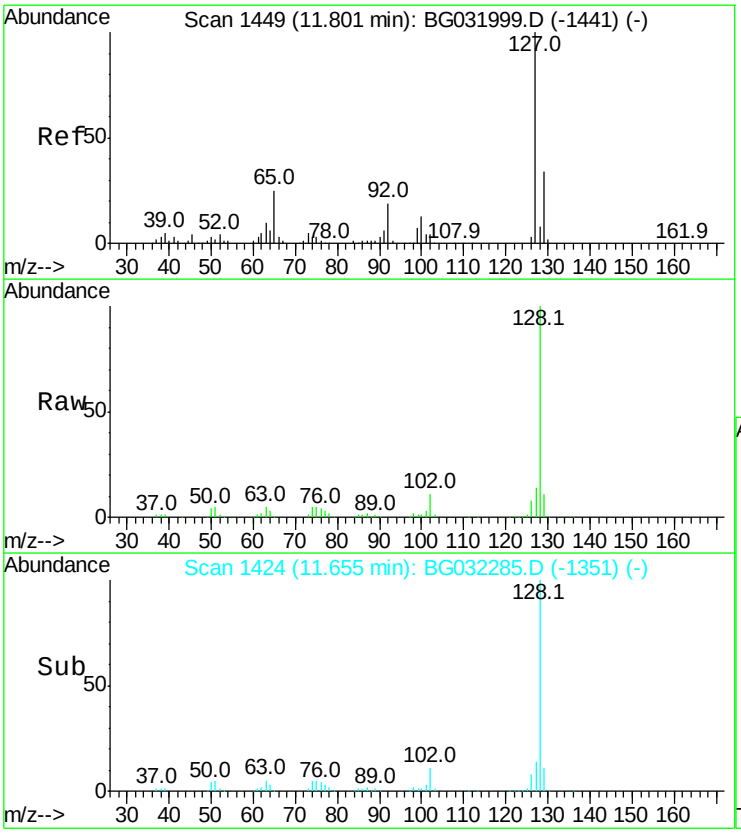
#32
Benzoic acid
Concen: 5.330 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 162

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	65.3	85.7	125.7#

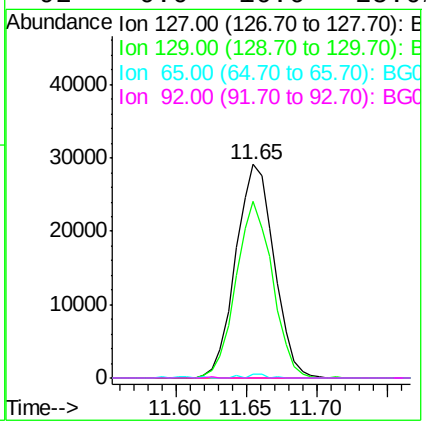


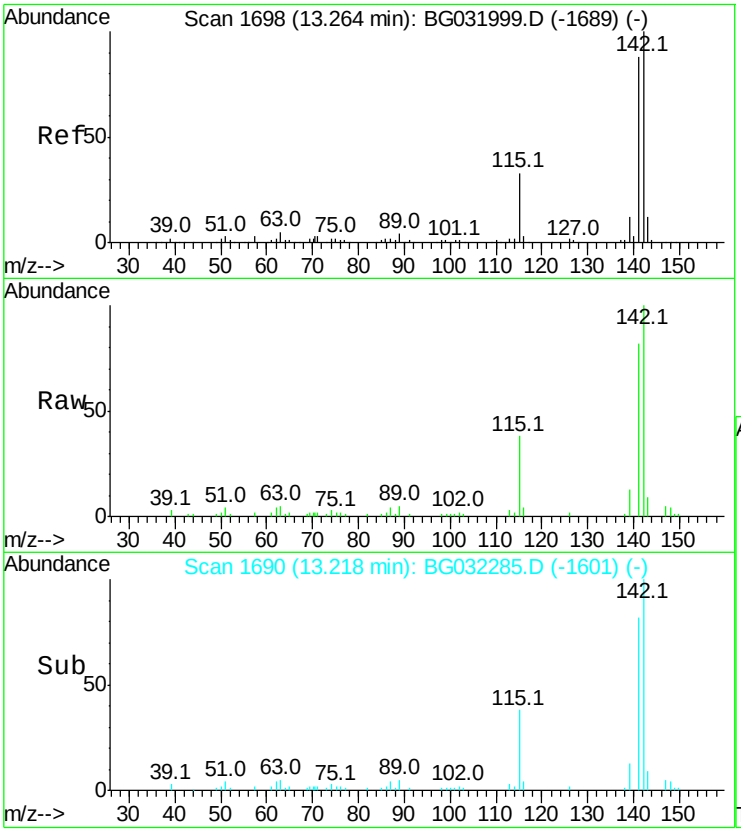


#33
4-Chloroaniline
Concen: 14.816 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.10 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:127 Resp: 55236

Ion	Ratio	Lower	Upper
127	100		
129	82.8	24.0	36.0#
65	2.0	27.0	40.4#
92	0.0	16.6	25.0#



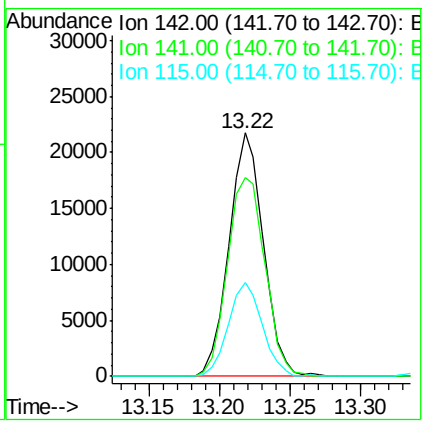


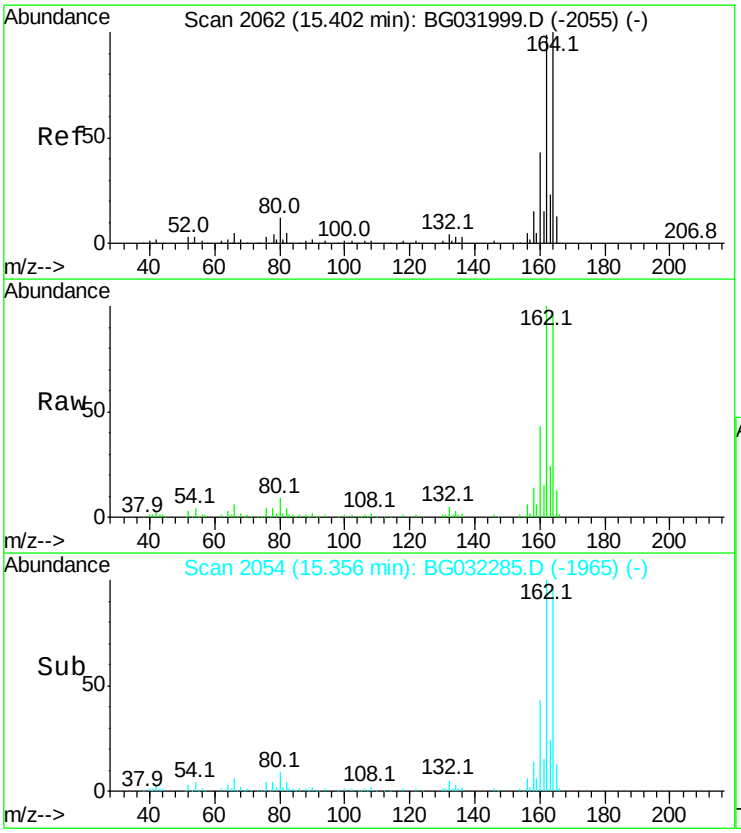
#37
2-Methylnaphthalene
Concen: 5.353 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 36950

Ion	Ratio	Lower	Upper
142	100		
141	81.8	67.1	100.7
115	38.4	30.7	46.1

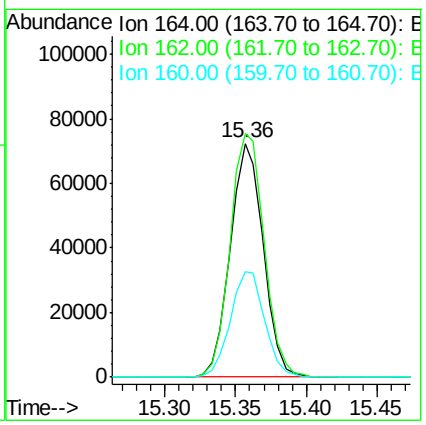


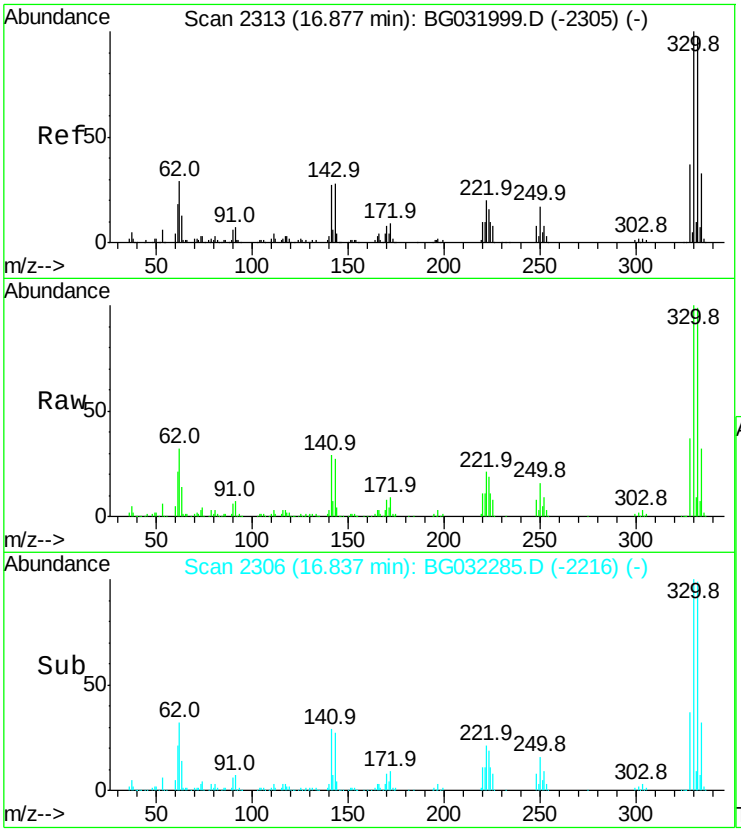


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:164 Resp: 117259

Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	45.2	35.4	53.0



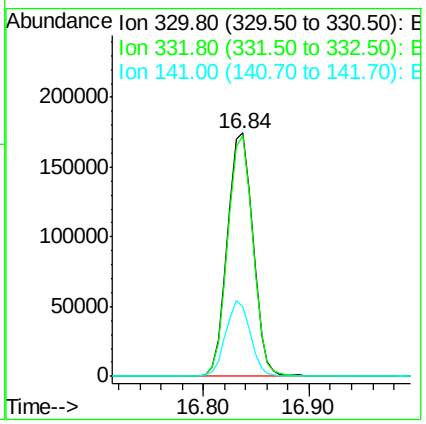


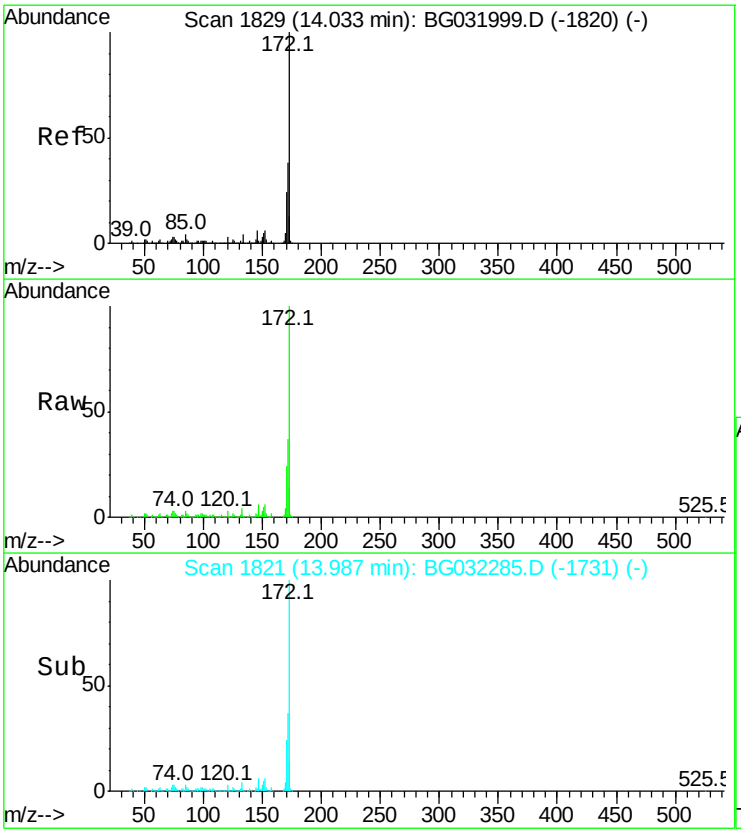
#41
2,4,6-Tribromophenol
Concen: 150.553 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 292127

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	30.0	25.2	37.8

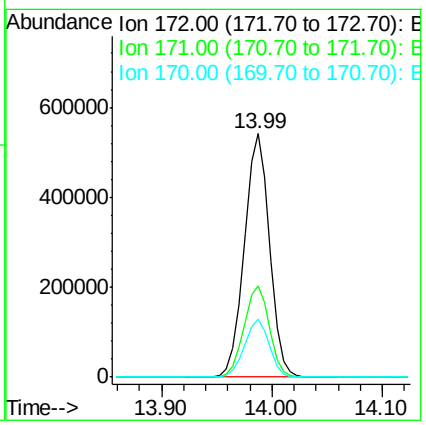


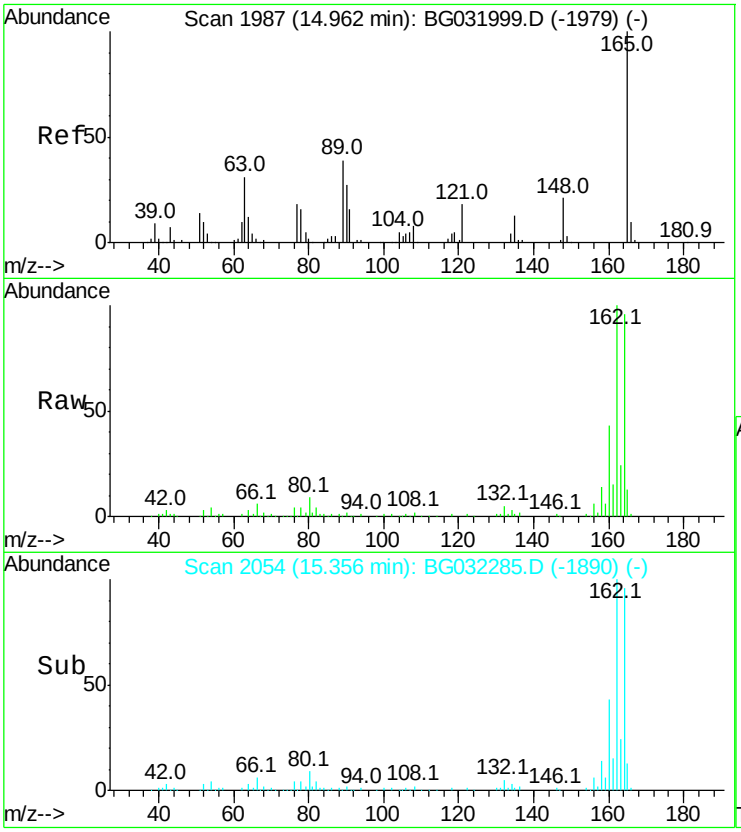


#44
2-Fluorobiphenyl
Concen: 91.295 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:172 Resp: 863351

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.7	19.5	29.3



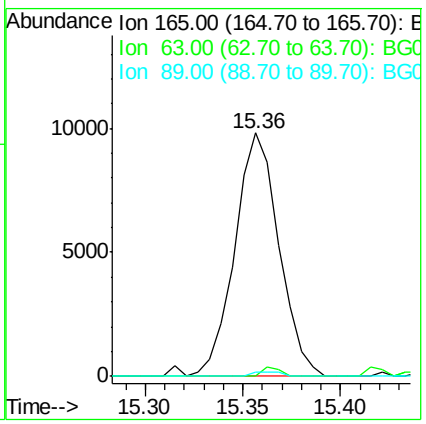


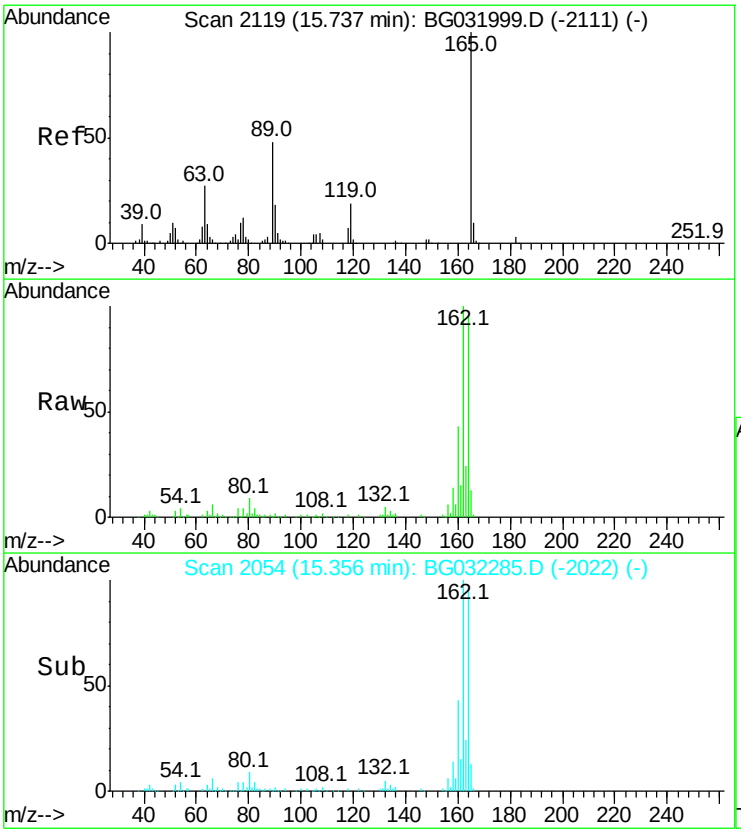
#50
2,6-Dinitrotoluene
Concen: 7.202 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.43 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15340

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

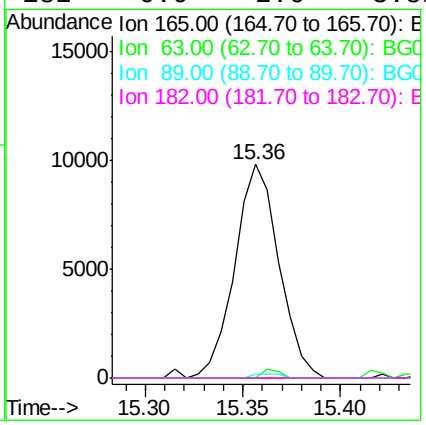


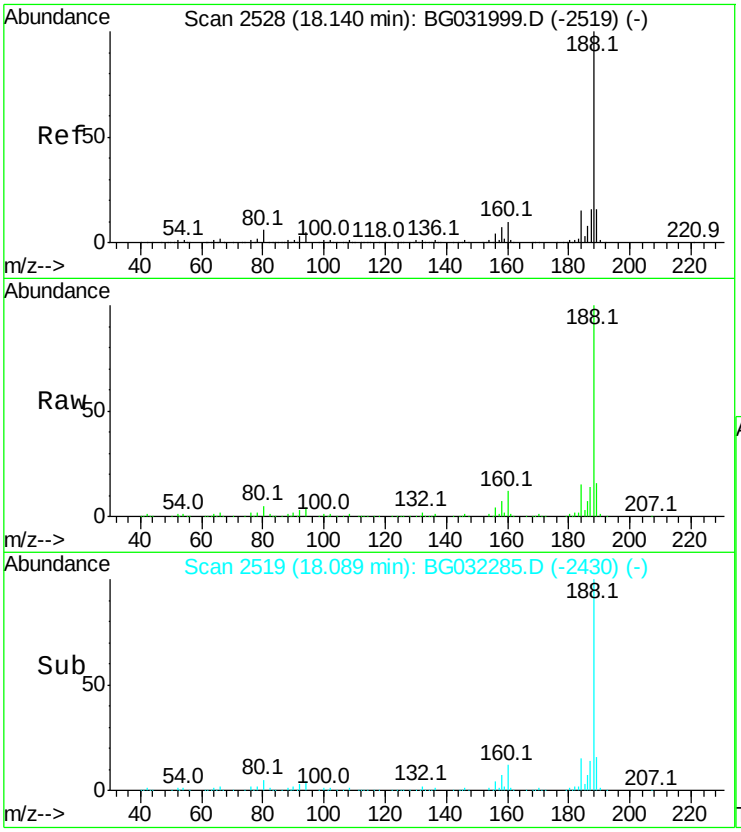


#56
2,4-Dinitrotoluene
Concen: 5.350 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:165 Resp: 15340

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



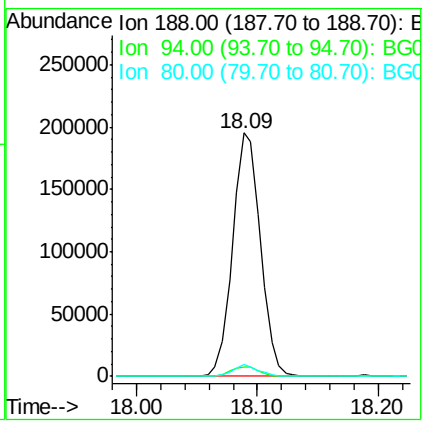


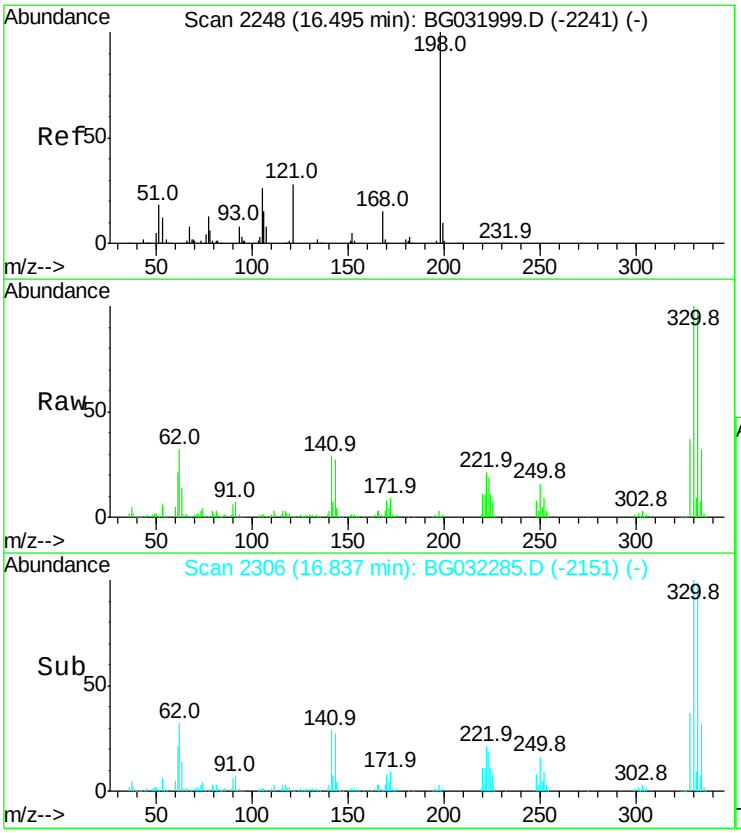
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 312834

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.9	7.7	11.5#

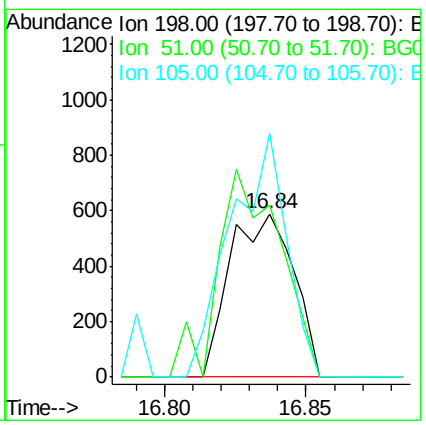


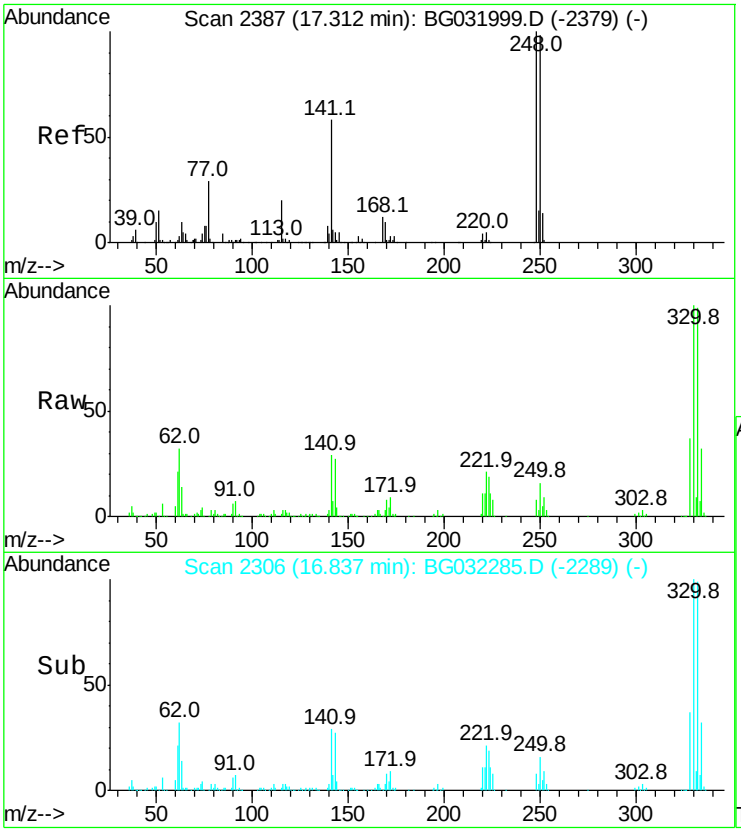


#64
4,6-Dinitro-2-methylphenol
Concen: 5.298 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.38 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:198 Resp: 922

Ion	Ratio	Lower	Upper
198	100		
51	105.1	30.6	70.6#
105	149.3	23.8	63.8#



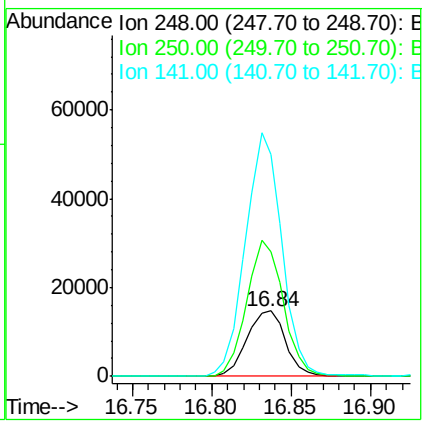


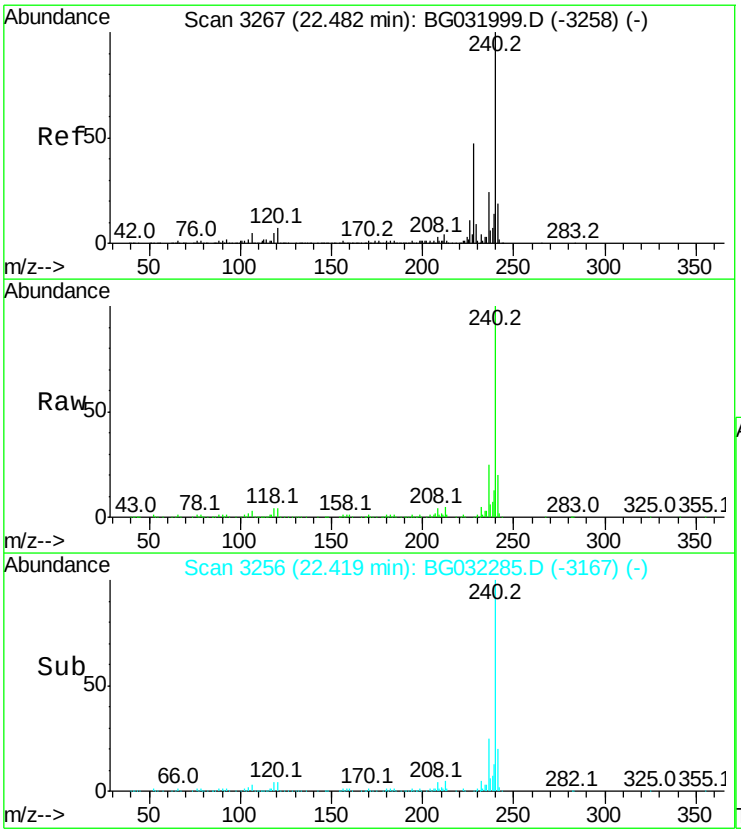
#66
4-Bromophenyl-phenylether
Concen: 5.625 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.43 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25039

Ion	Ratio	Lower	Upper
248	100		
250	190.3	77.1	115.7#
141	338.7	50.8	76.2#

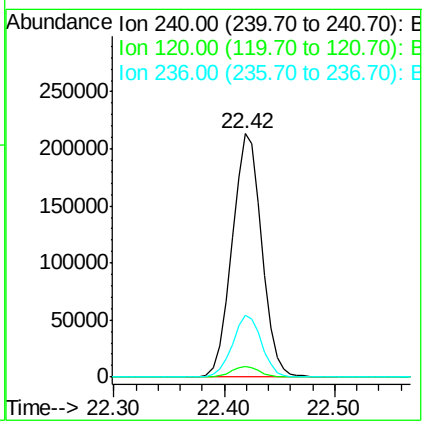


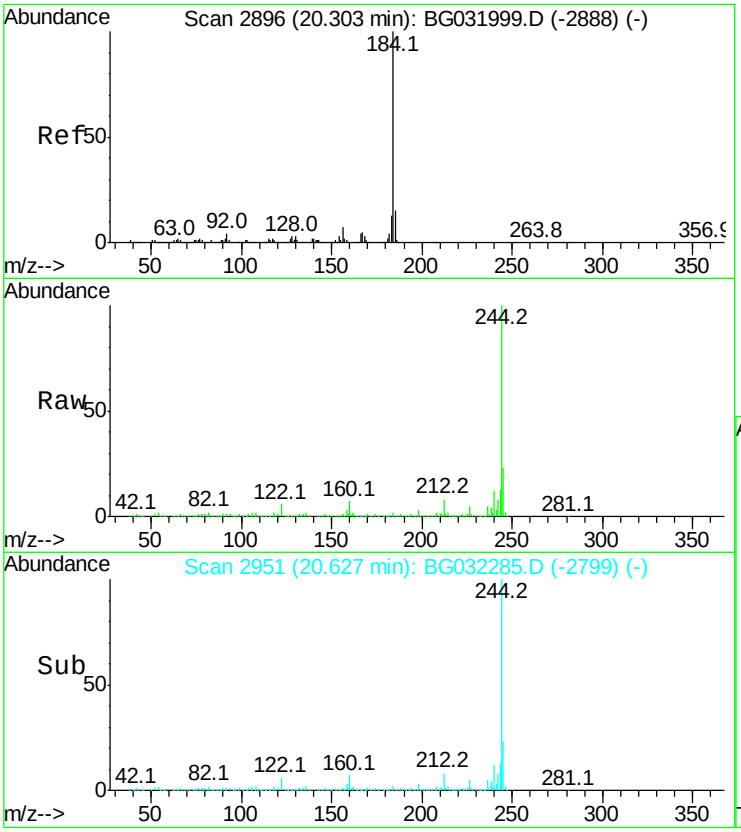


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:240 Resp: 400945

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.3	20.9	31.3



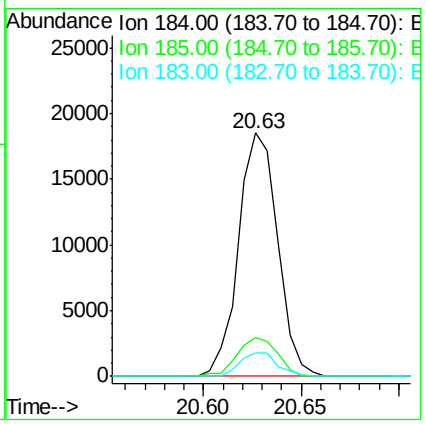


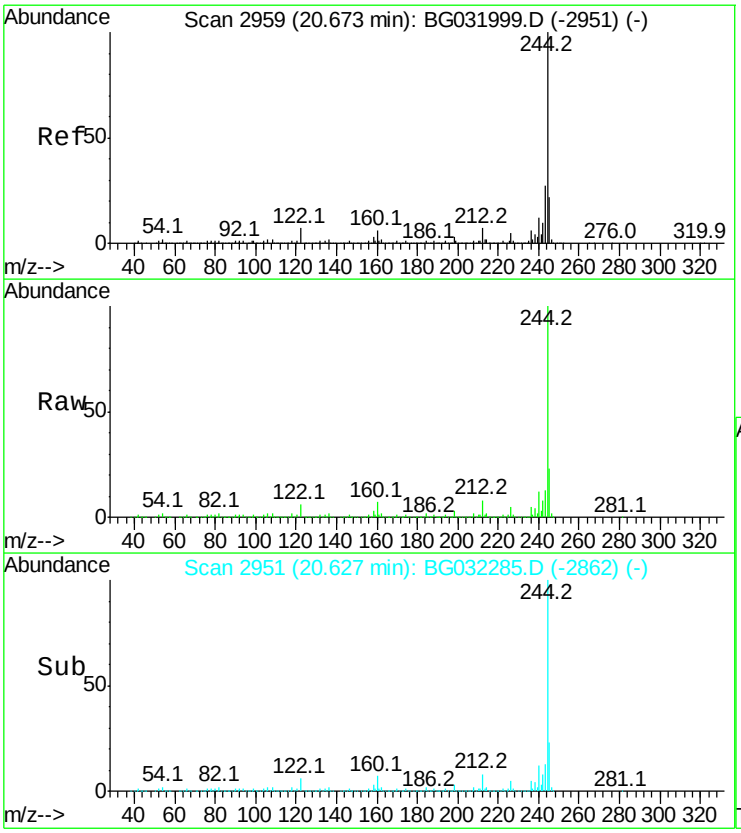
#76
Benzidine
Concen: 2.556 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.36 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 25630

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	9.5	10.6	16.0#

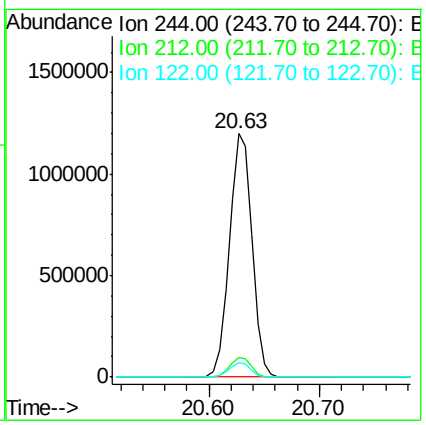


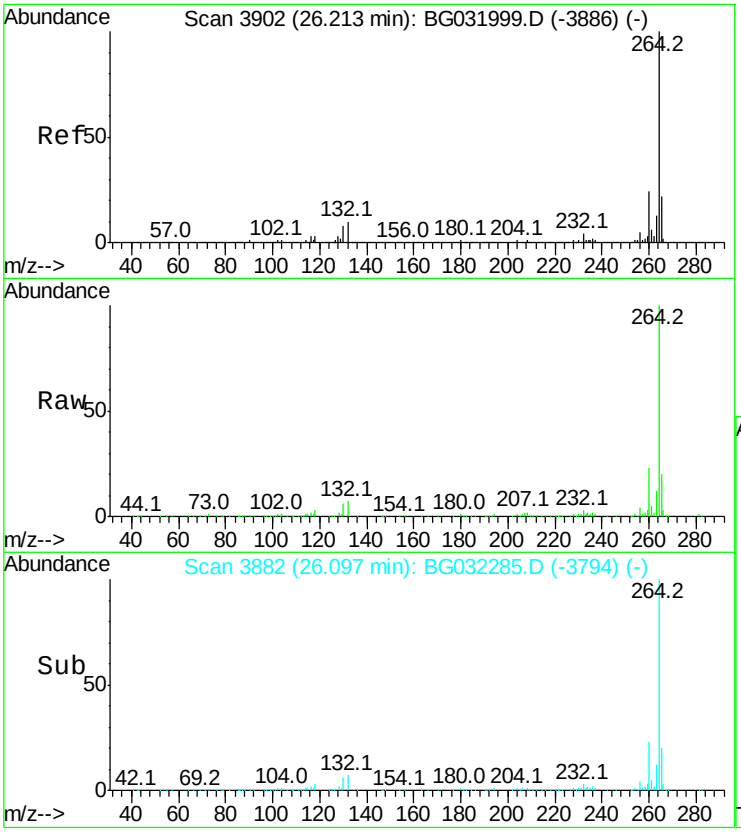


#78
Terphenyl-d14
Concen: 94.557 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Tgt Ion:244 Resp: 1717008

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032285.D
Acq: 25 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 411449

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.5	17.7	26.5