Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032795.D
Acq On : 23 Feb 2018 18:18
Operator : SJ/JU
Sample : J1652-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 23 21:49:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	72926	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	306781	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	167897	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	411526	20.00	ng	0.00
75) Chrysene-d12	22.63	240	423593	20.00	ng	0.00
86) Perylene-d12	26.44	264	440644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	564195	123.77	ng	0.00
7) Phenol-d6	8.02	99	671673	105.71	ng	0.00
23) Nitrobenzene-d5	10.13	82	450703	99.97	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	266094	150.73	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	975143	83.77	ng	0.00
78) Terphenyl-d14	20.79	244	1618016	85.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	8640	4.37	ng	# 1
19) n-Nitroso-di-n-propylamine	10.13	70	57598	12.84	ng	# 83
24) Nitrobenzene	10.12	77	1226	6.60	ng	# 30
32) Benzoic acid	10.96	122	61	5.84	ng	# 1
47) 2-Nitroaniline	14.17	65	1687	10.32	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	21768	16.41	ng	# 19
55) 4-Nitrophenol	15.94	139	316	7.20	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	21768	14.61	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.01	198	740	5.71	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	19574	4.50	ng	# 1

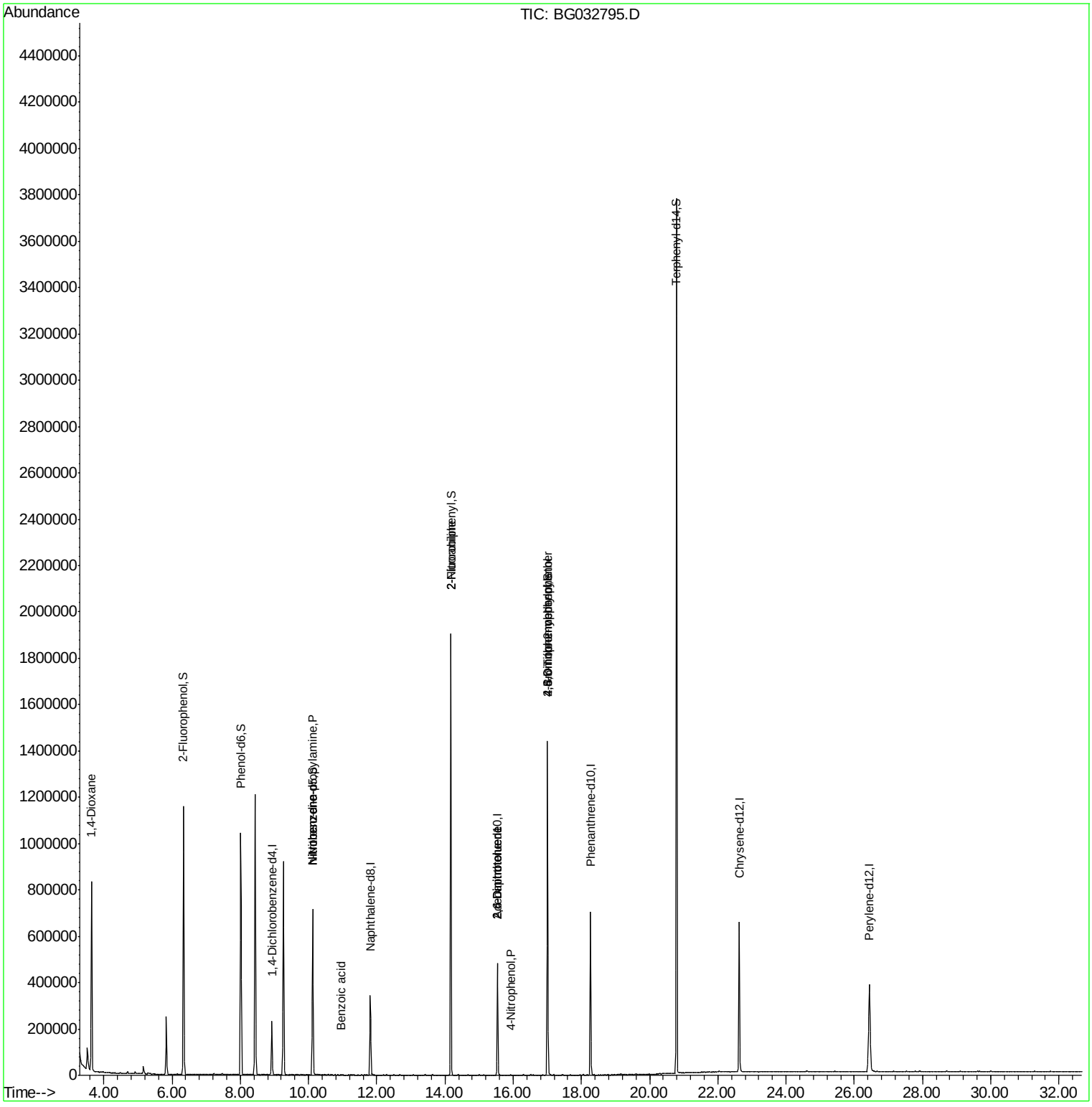
(#) = qualifier out of range (m) = manual integration (+) = signals summed

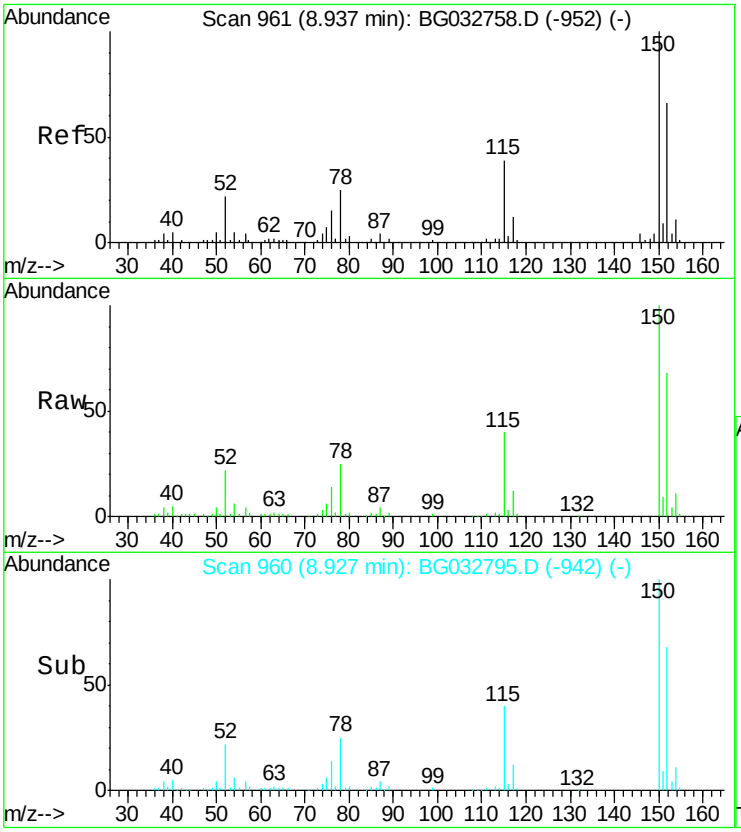
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032795.D
Acq On : 23 Feb 2018 18:18
Operator : SJ/JU
Sample : J1652-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 23 21:49:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration



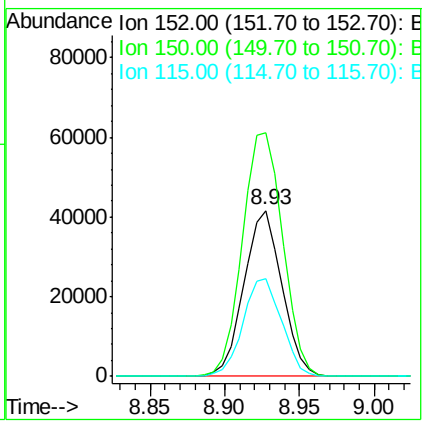


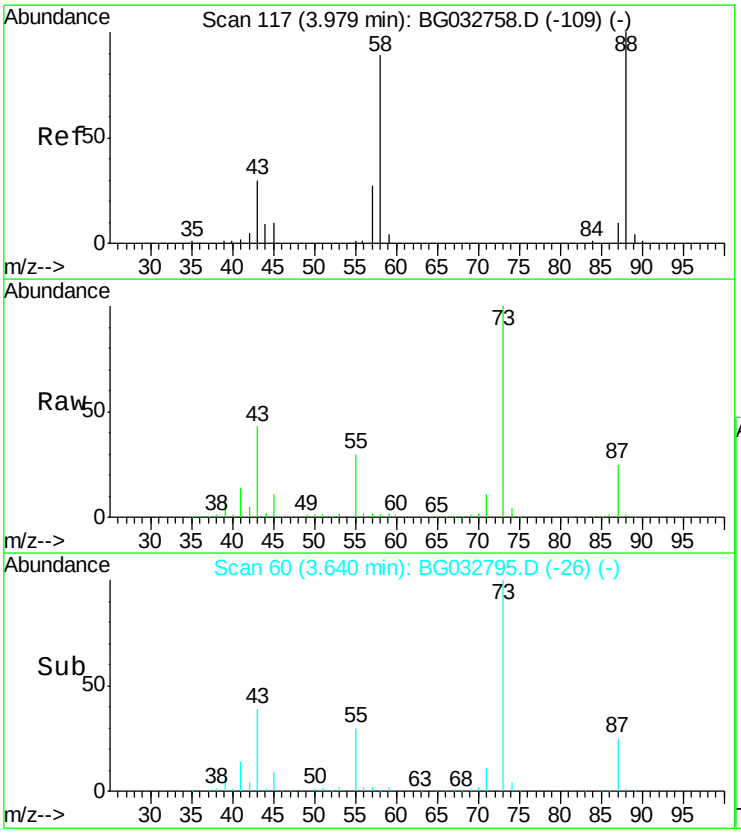
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 72926

Ion	Ratio	Lower	Upper
152	100		
150	147.0	126.6	189.8
115	59.3	53.0	79.4

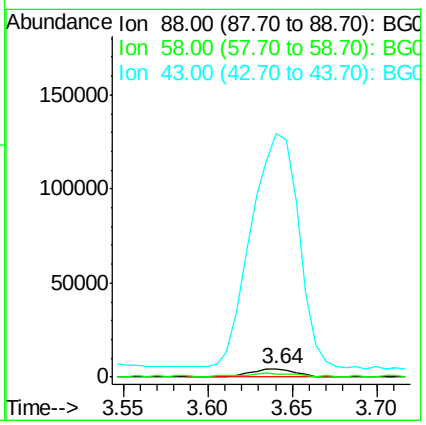


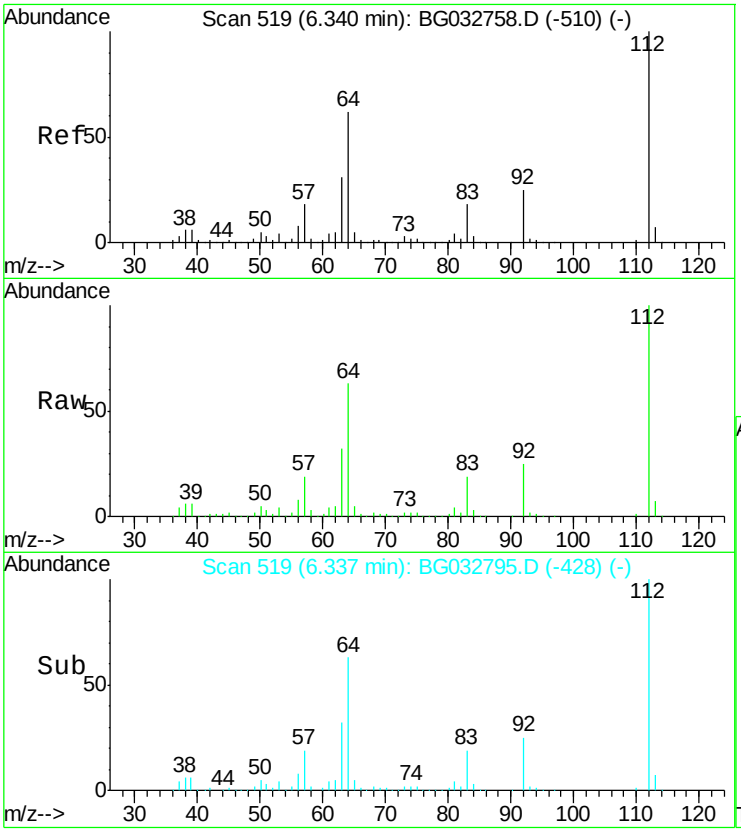


#2
1,4-Dioxane
Concen: 4.37 ng
RT: 3.64 min Scan# 60
Delta R.T. -0.33 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion: 88 Resp: 8640

Ion	Ratio	Lower	Upper
88	100		
58	39.8	79.6	119.4#
43	2950.5	27.4	41.0#



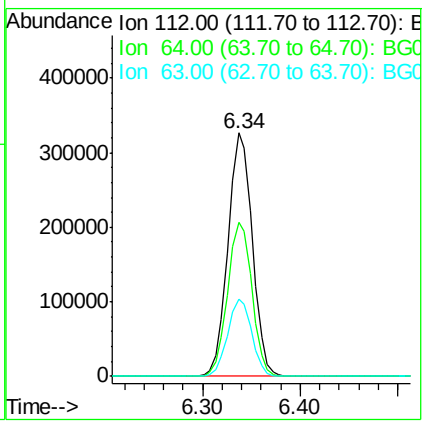


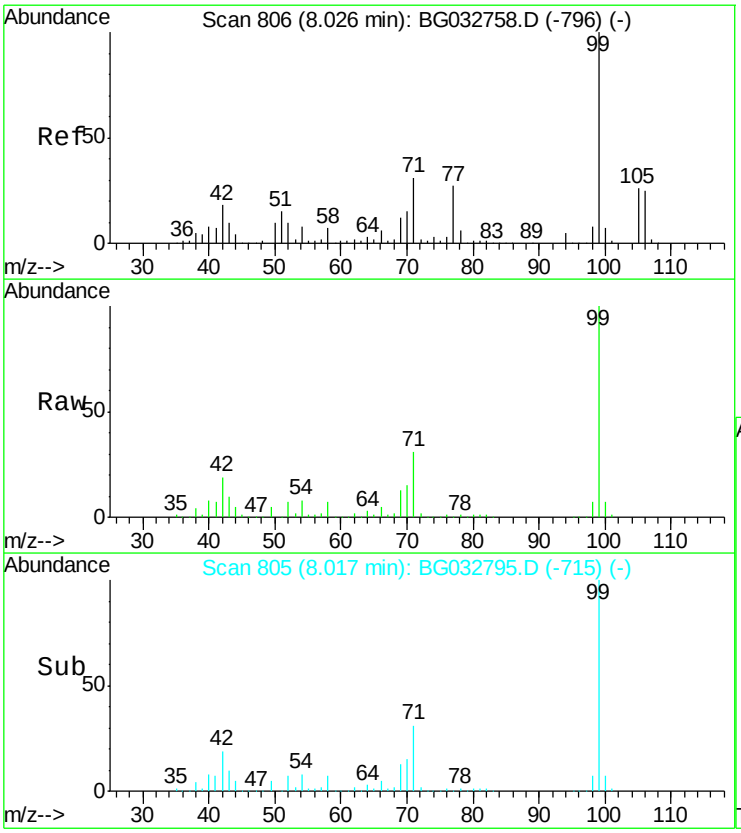
#5
2-Fluorophenol
Concen: 123.77 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 564195

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	31.8	30.1	45.1

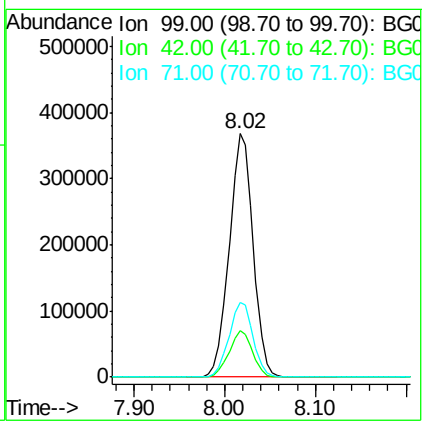


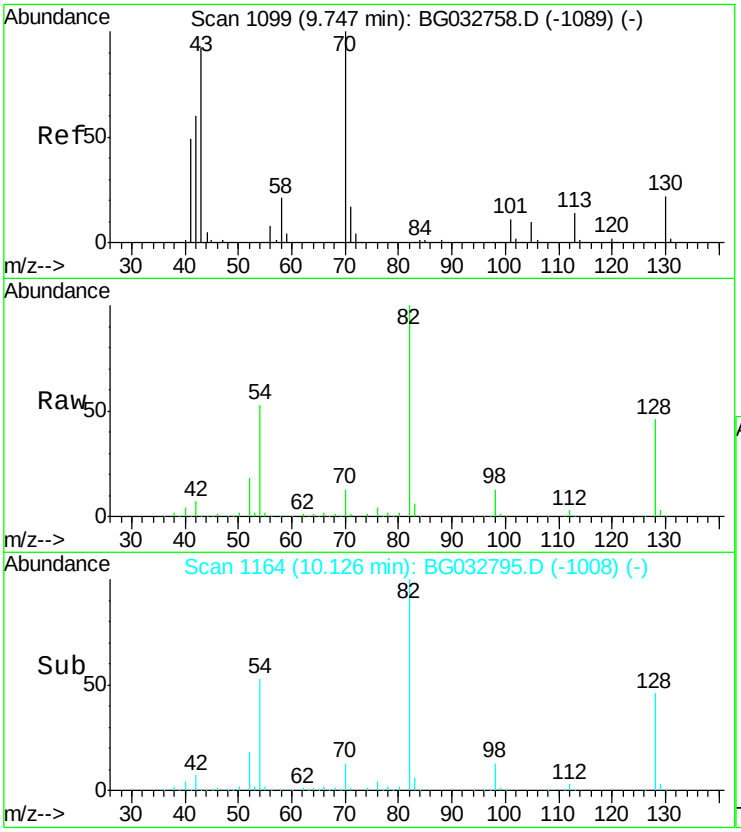


#7
Phenol-d6
Concen: 105.71 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion: 99 Resp: 671673

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	30.7	26.1	39.1



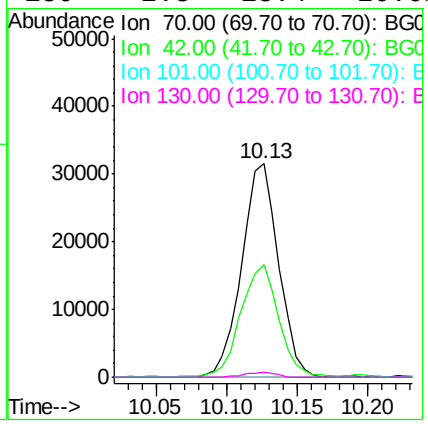


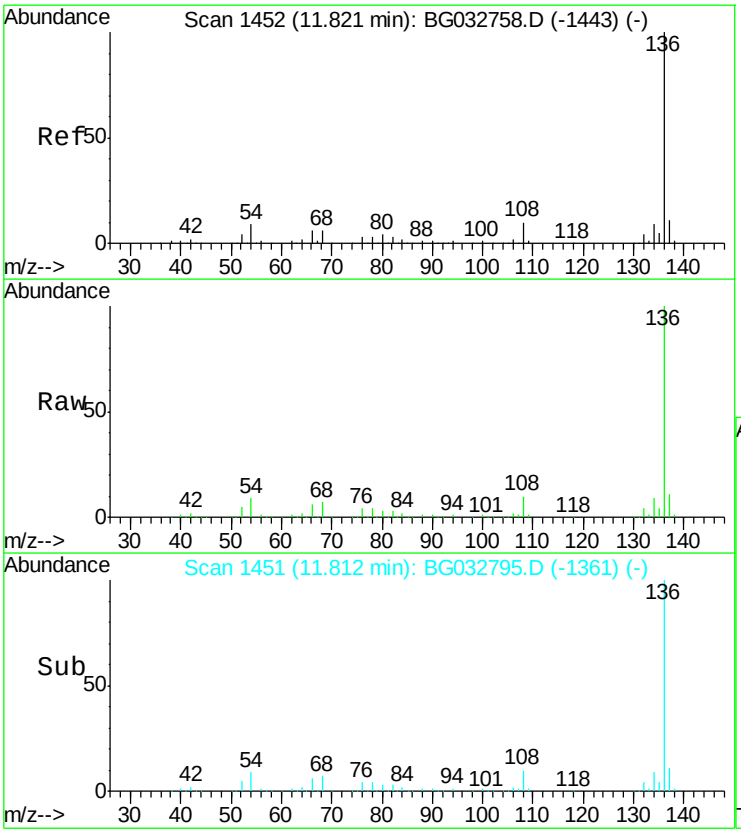
#19
n-Nitroso-di-n-propylamine
Concen: 12.84 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 57598

Ion	Ratio	Lower	Upper
70	100		
42	52.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#

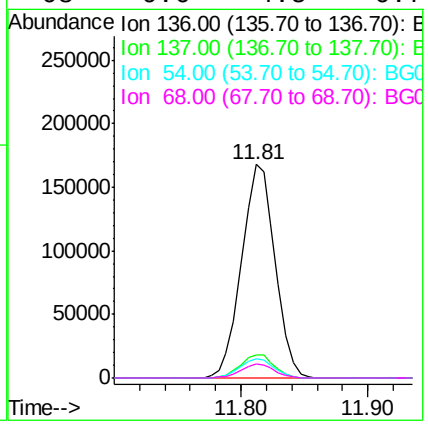


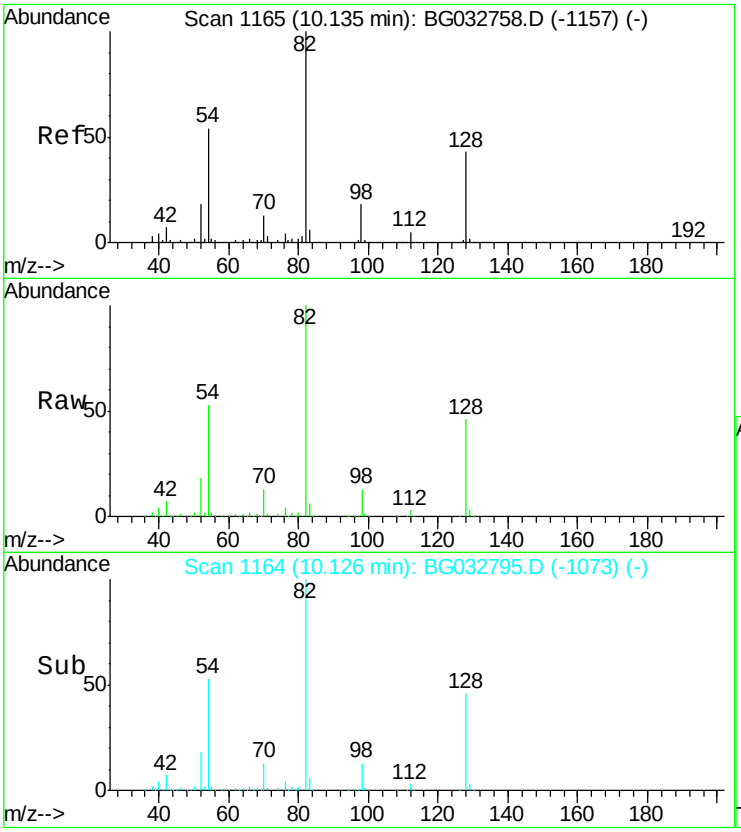


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:136 Resp: 306781

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.2	10.3	15.5#
68	6.6	4.5	6.7



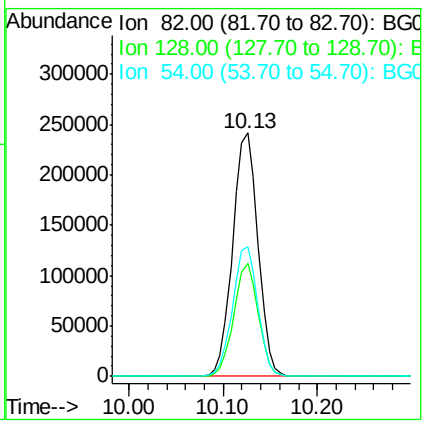


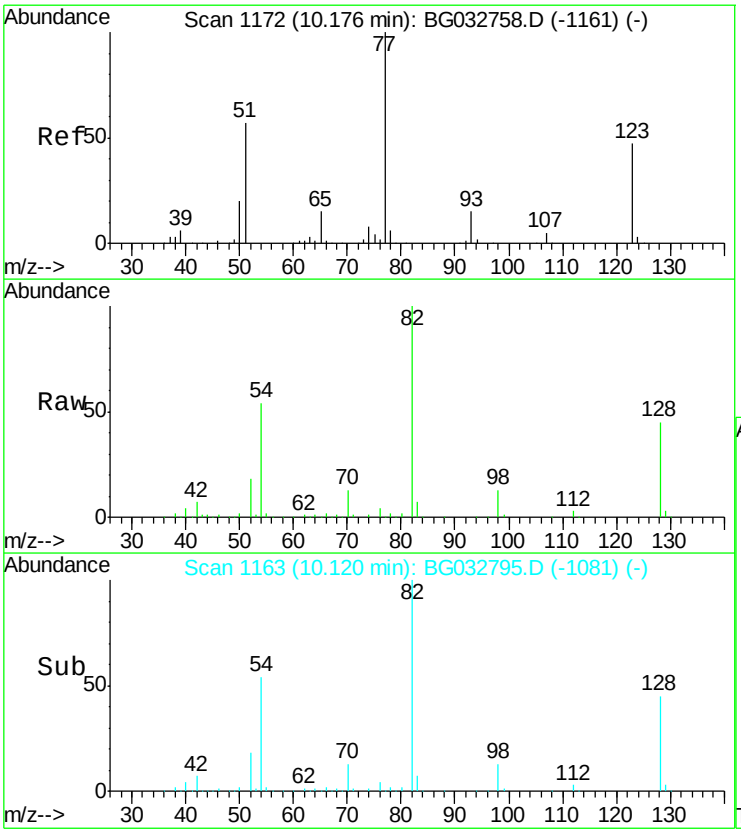
#23
Nitrobenzene-d5
Concen: 99.97 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 450703

Ion	Ratio	Lower	Upper
82	100		
128	46.4	29.7	44.5#
54	53.5	43.1	64.7

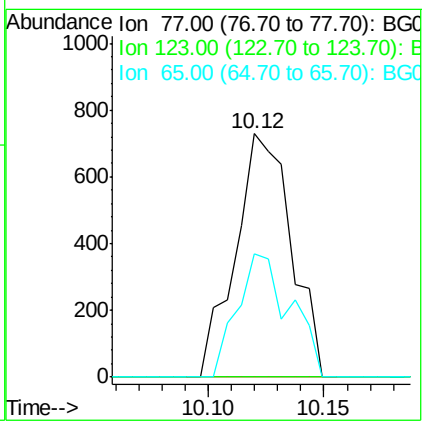


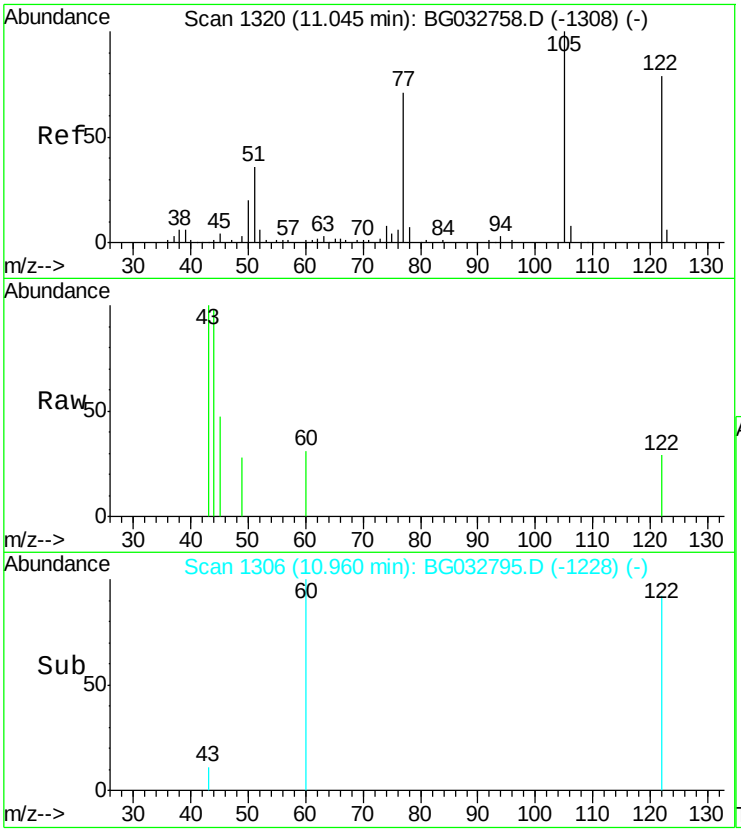


#24
Nitrobenzene
Concen: 6.60 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion: 77 Resp: 1226

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	50.5	13.0	19.6#



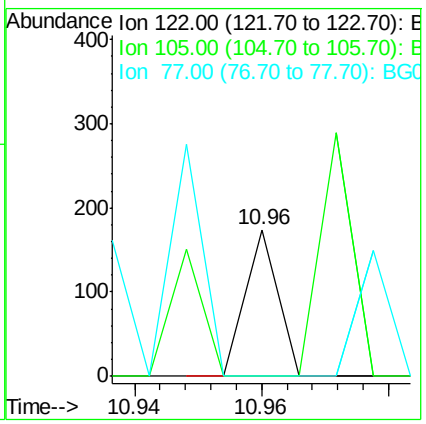


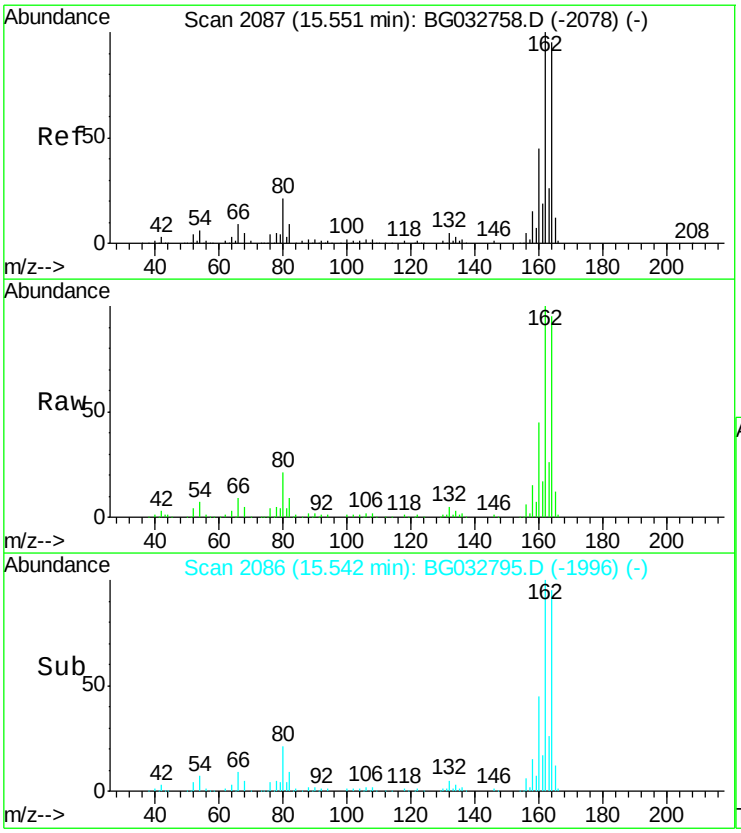
#32
Benzoic acid
Concen: 5.84 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

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#

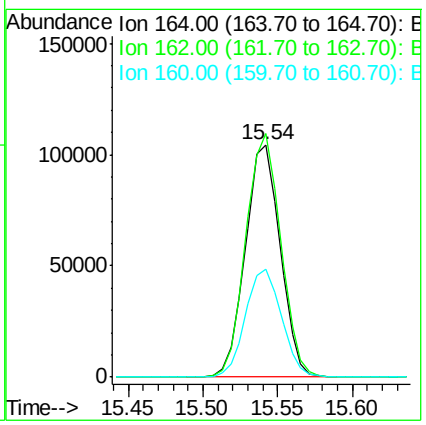


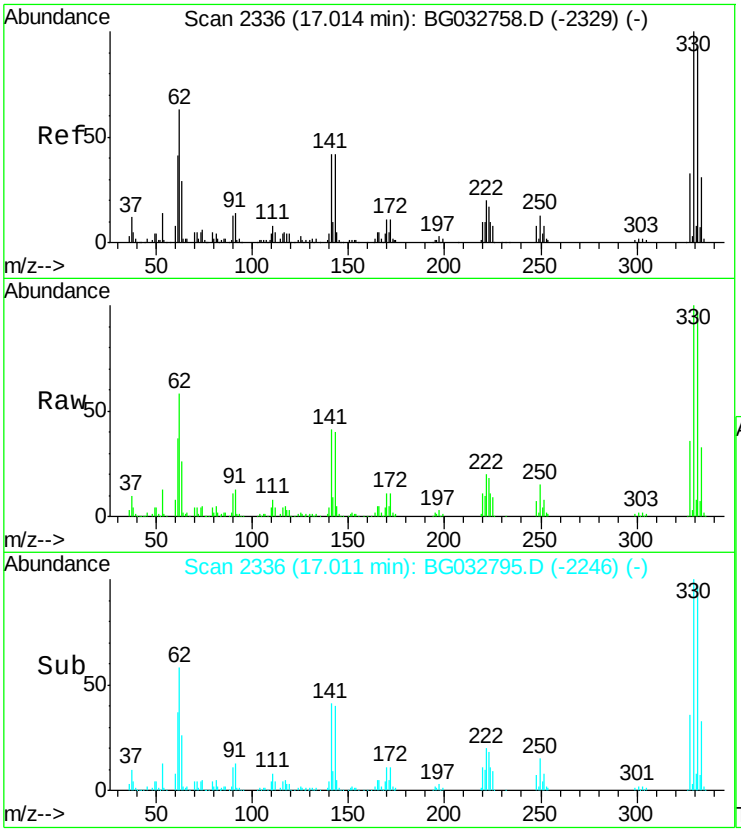


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:164 Resp: 167897

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	46.7	35.4	53.0



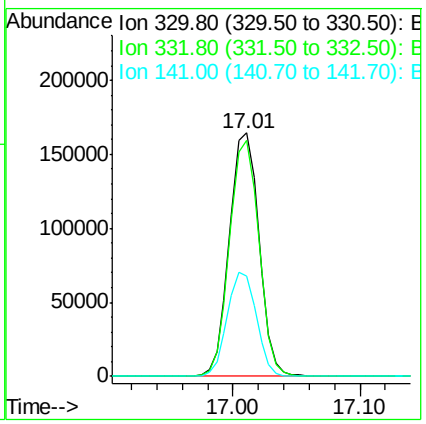


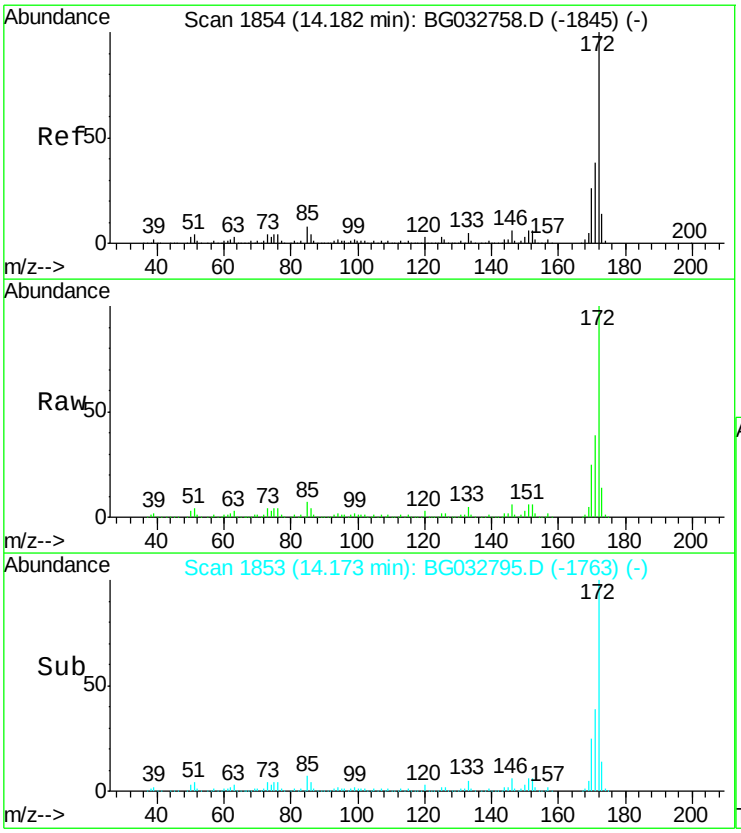
#41
2,4,6-Tribromophenol
Concen: 150.73 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 266094

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	42.1	25.2	37.8#

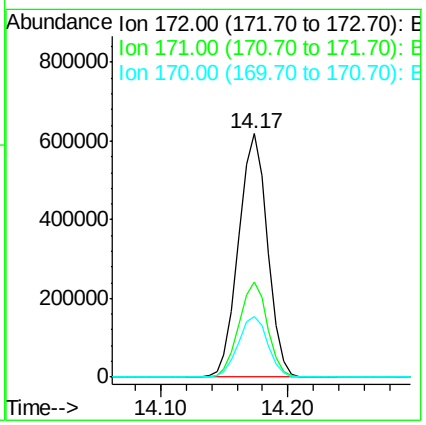


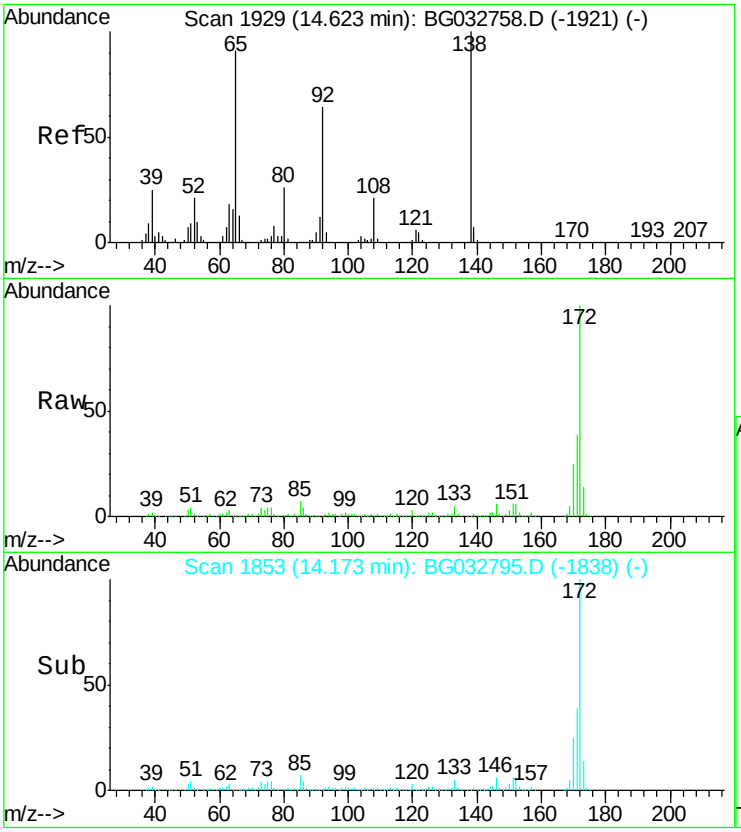


#44
2-Fluorobiphenyl
Concen: 83.77 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:172 Resp: 975143

Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.1	19.5	29.3



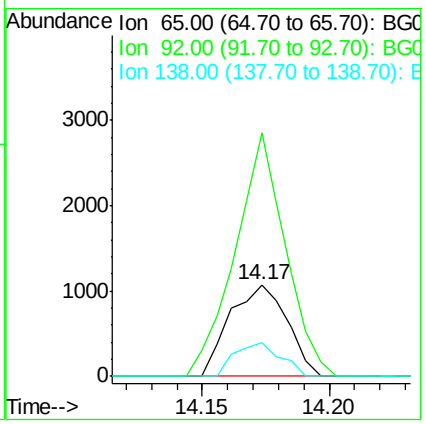


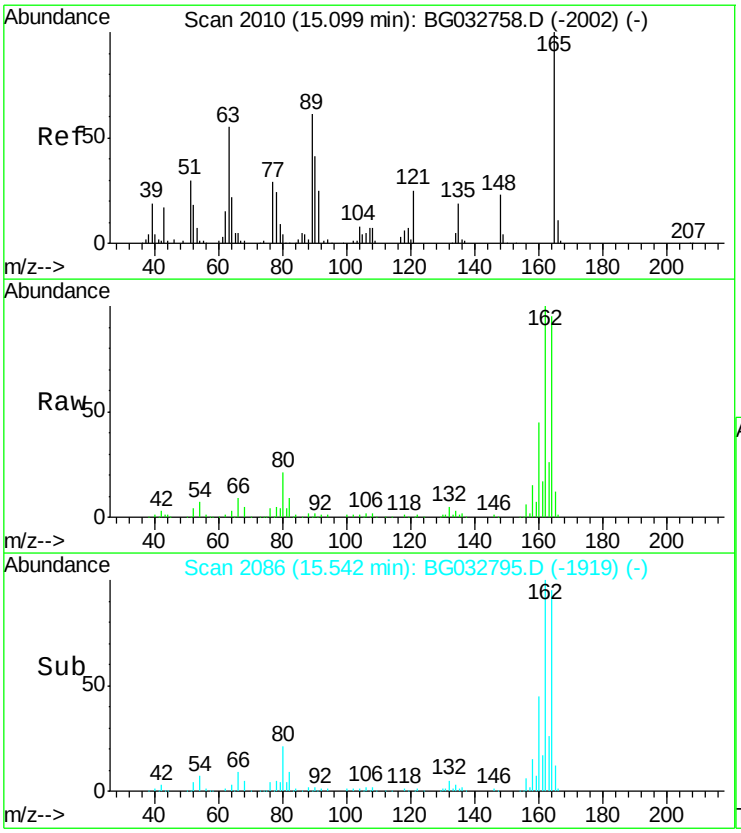
#47
2-Nitroaniline
Concen: 10.32 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.44 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 1687

Ion	Ratio	Lower	Upper
65	100		
92	265.4	54.6	82.0#
138	37.0	72.9	109.3#

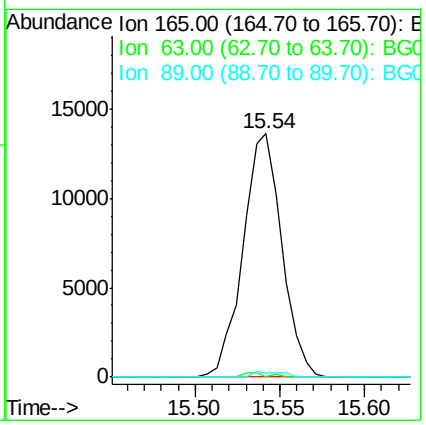


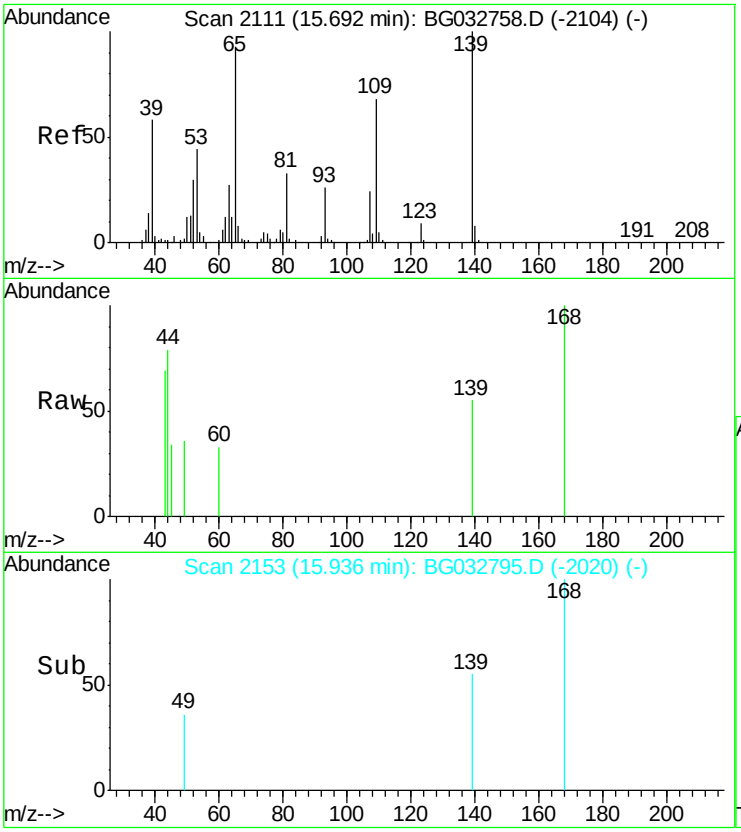


#50
2,6-Dinitrotoluene
Concen: 16.41 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.45 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:165 Resp: 21768

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.7	49.2	73.8#



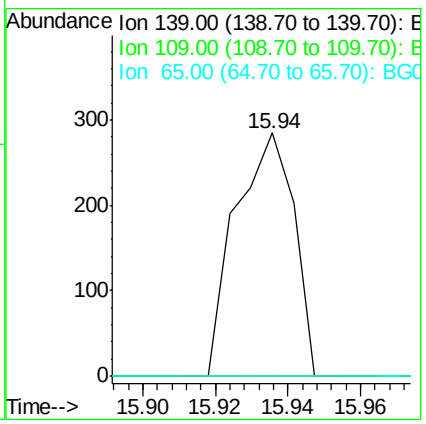


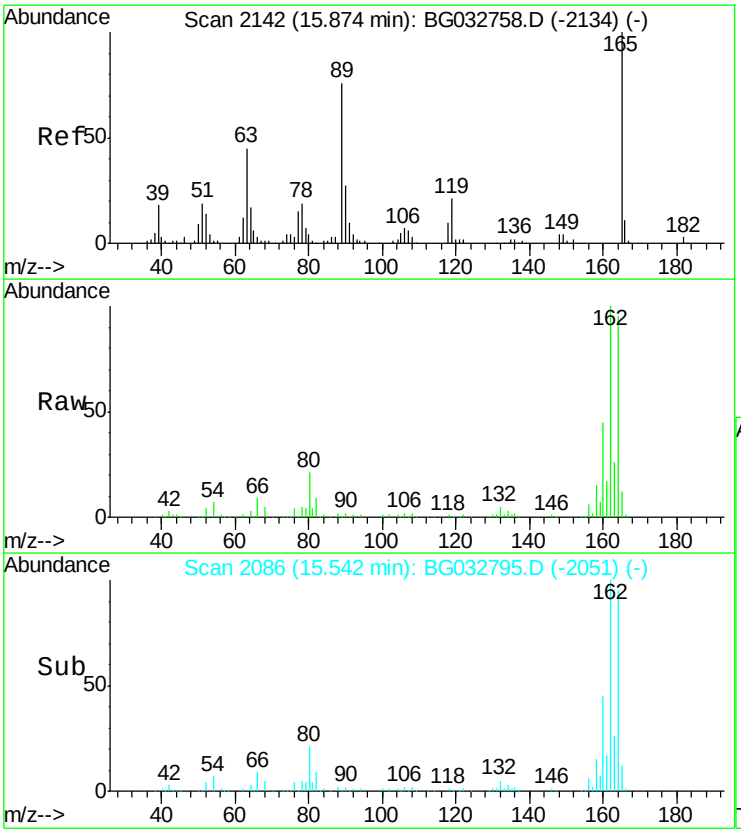
#55
4-Nitrophenol
Concen: 7.20 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.25 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 316

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

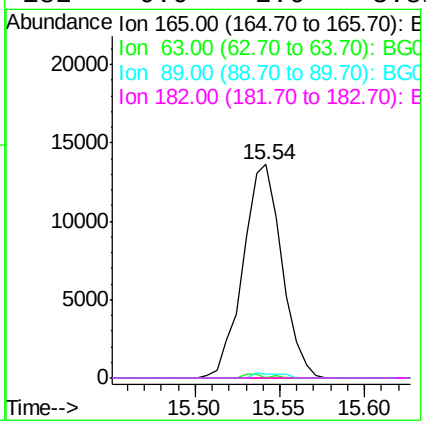


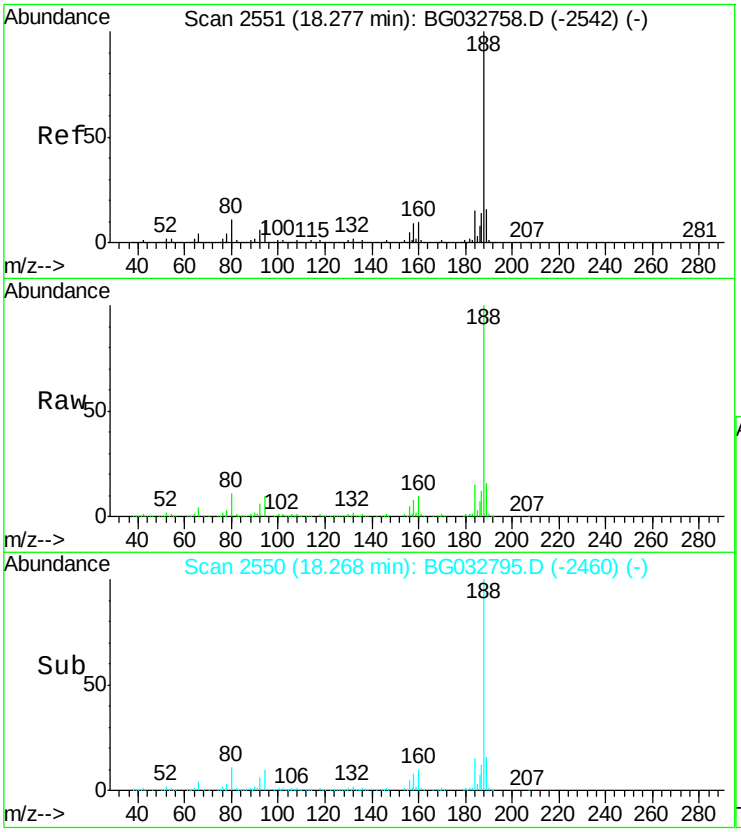


#56
2,4-Dinitrotoluene
Concen: 14.61 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:165 Resp: 21768

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#



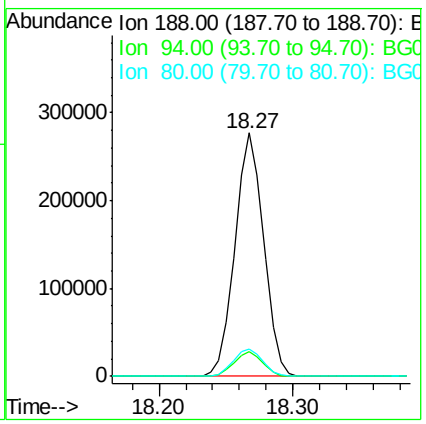


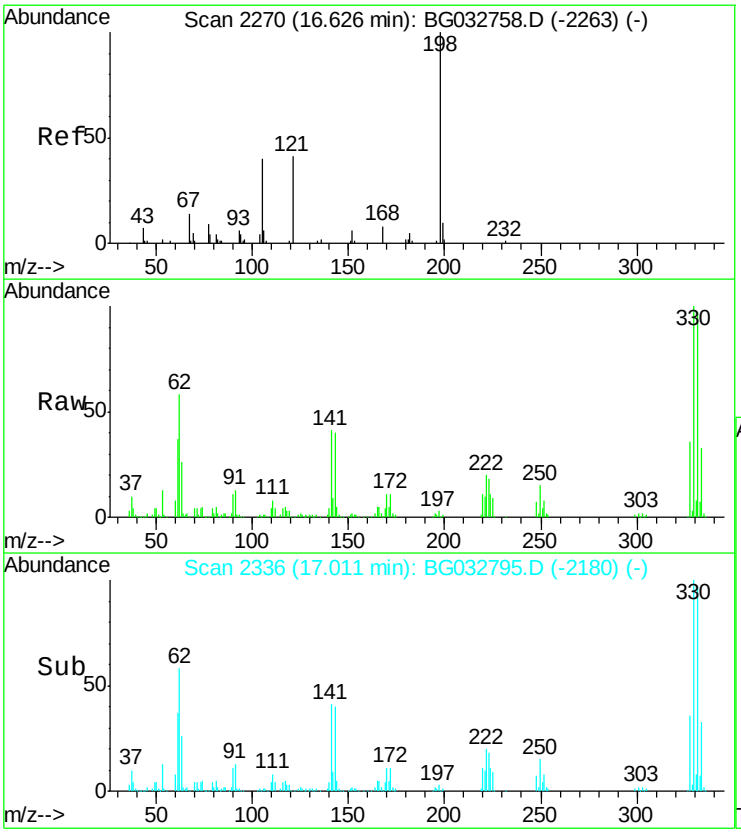
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 411526

Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.9	10.3#
80	11.0	7.7	11.5

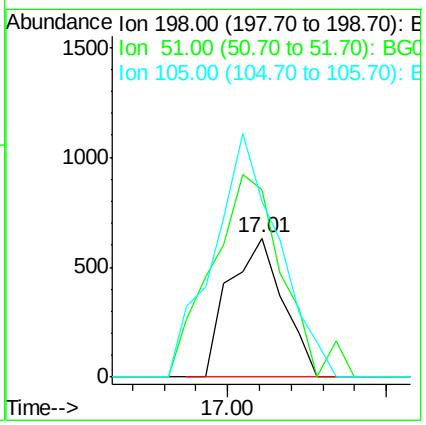


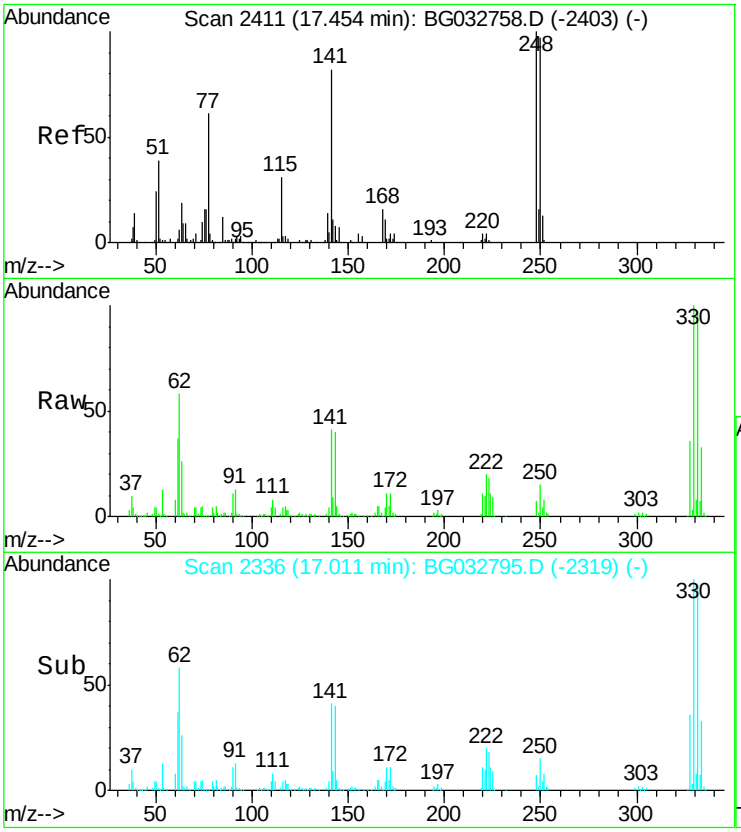


#64
4,6-Dinitro-2-methylphenol
Concen: 5.71 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.38 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:198 Resp: 740

Ion	Ratio	Lower	Upper
198	100		
51	135.3	30.6	70.6#
105	126.5	23.8	63.8#



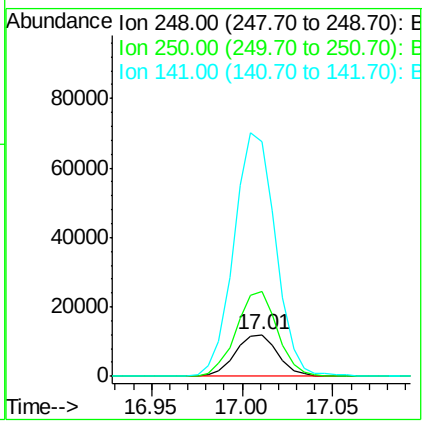


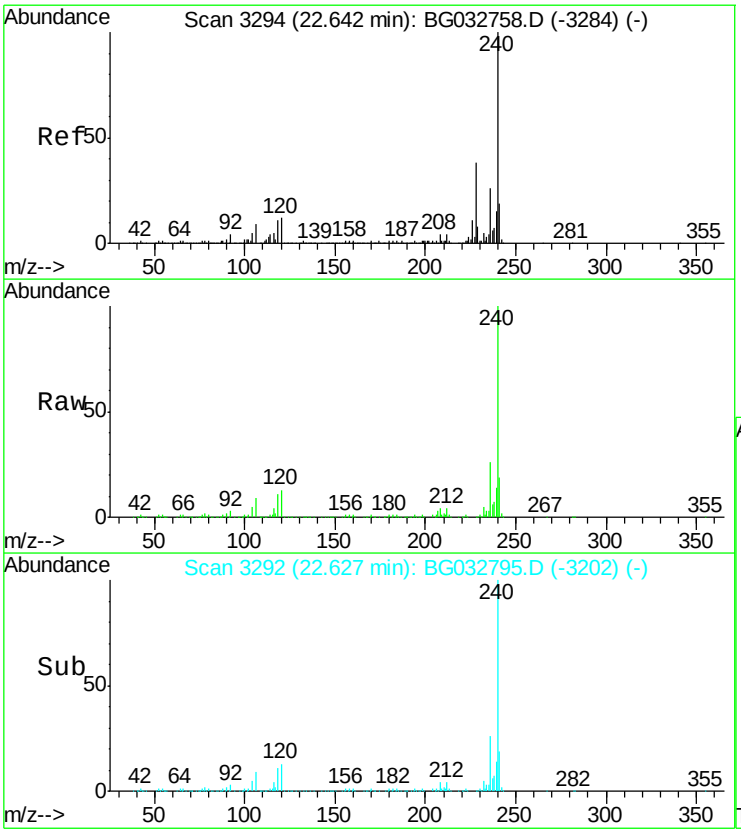
#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.43 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19574

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.1	115.7#
141	558.4	50.8	76.2#

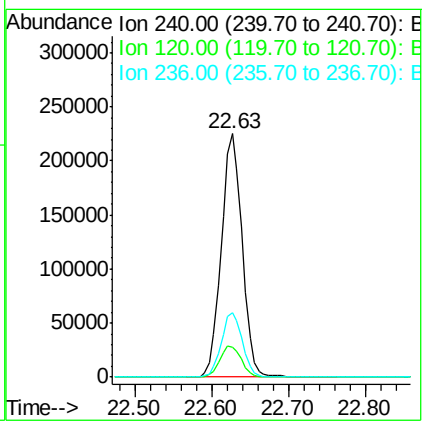


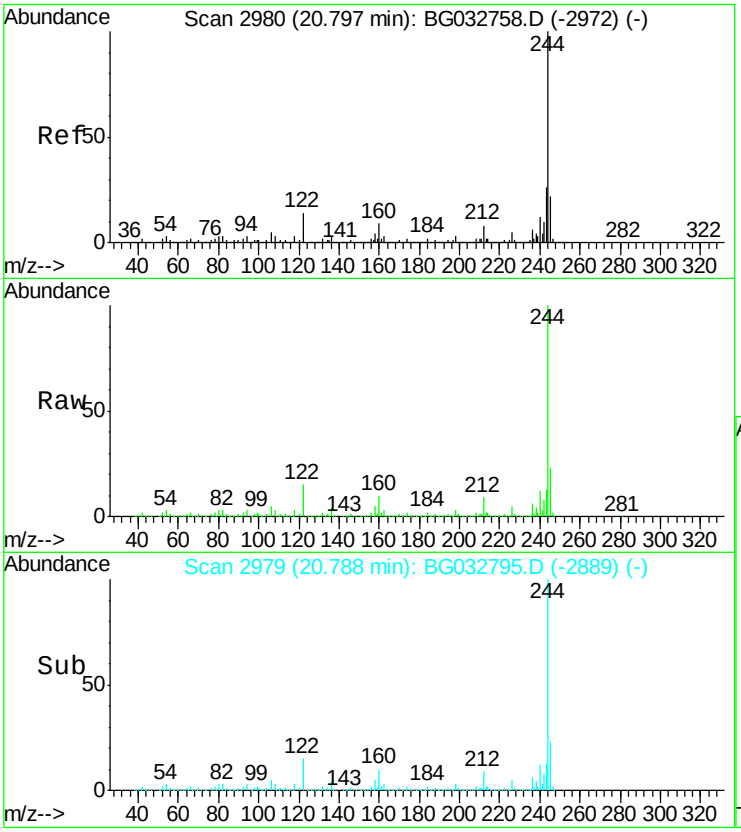


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:240 Resp: 423593

Ion	Ratio	Lower	Upper
240	100		
120	12.5	6.8	10.2#
236	26.2	20.9	31.3



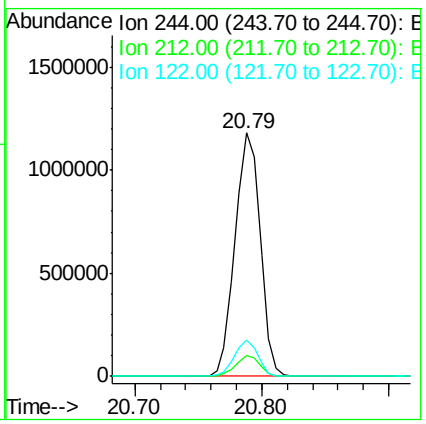


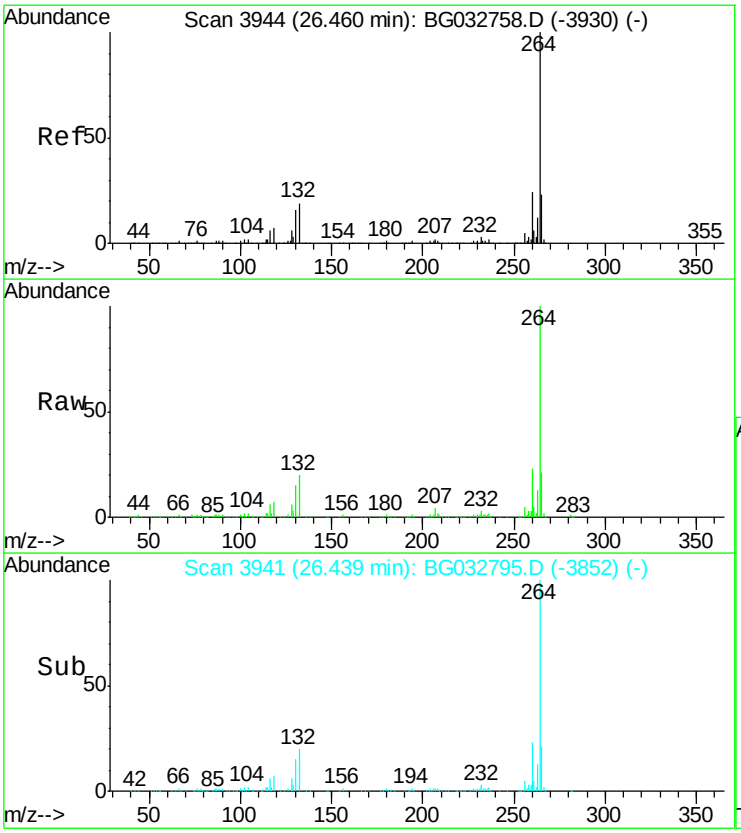
#78
Terphenyl-d14
Concen: 85.82 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1618016

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	15.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.01 min
Lab File: BG032795.D
Acq: 23 Feb 2018 18:18

Tgt Ion:264 Resp: 440644

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.1	17.7	26.5