Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033095.D
Acq On : 12 Mar 2018 18:41
Operator : SJ/JU
Sample : J2868-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 03:44:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	40726	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	187625	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	110093	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	258153	20.00	ng		0.00
75) Chrysene-d12	22.60	240	245700	20.00	ng		0.00
86) Perylene-d12	26.40	264	246674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	104515	41.06	ng		0.00
7) Phenol-d6	8.00	99	86053	24.25	ng		0.00
23) Nitrobenzene-d5	10.11	82	315822	113.10	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	119988	103.65	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	694463	90.98	ng		0.00
78) Terphenyl-d14	20.77	244	1042514	95.33	ng		0.00
Target Compounds							Qvalue
10) Phenol	8.03	94	8025	2.244	ng		93
19) n-Nitroso-di-n-propylamine	10.11	70	41857	16.710	ng	#	85
24) Nitrobenzene	10.11	77	901	6.641	ng	#	42
47) 2-Nitroaniline	14.95	65	207	9.927	ng	#	1
49) Dimethylphthalate	14.94	163	24730	2.646	ng		98
50) 2,6-Dinitrotoluene	15.52	165	14441	16.501	ng	#	19
56) 2,4-Dinitrotoluene	15.52	165	14441	14.700	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.98	198	453	5.694	ng		89
66) 4-Bromophenyl-phenylether	17.00	248	8536	3.127	ng	#	1
76) Benzidine	20.77	184	17778	2.123	ng		95

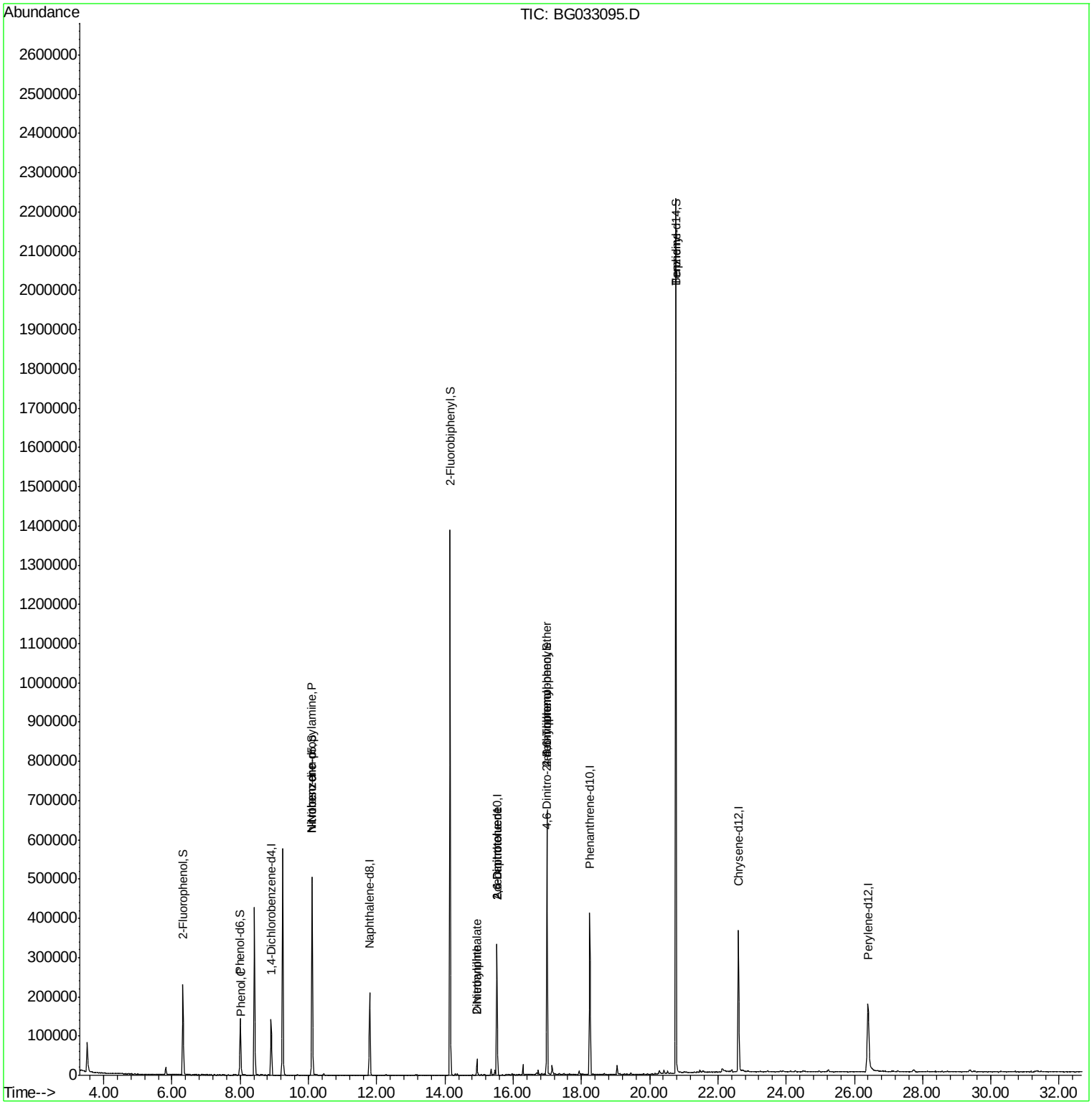
(#) = qualifier out of range (m) = manual integration (+) = signals summed

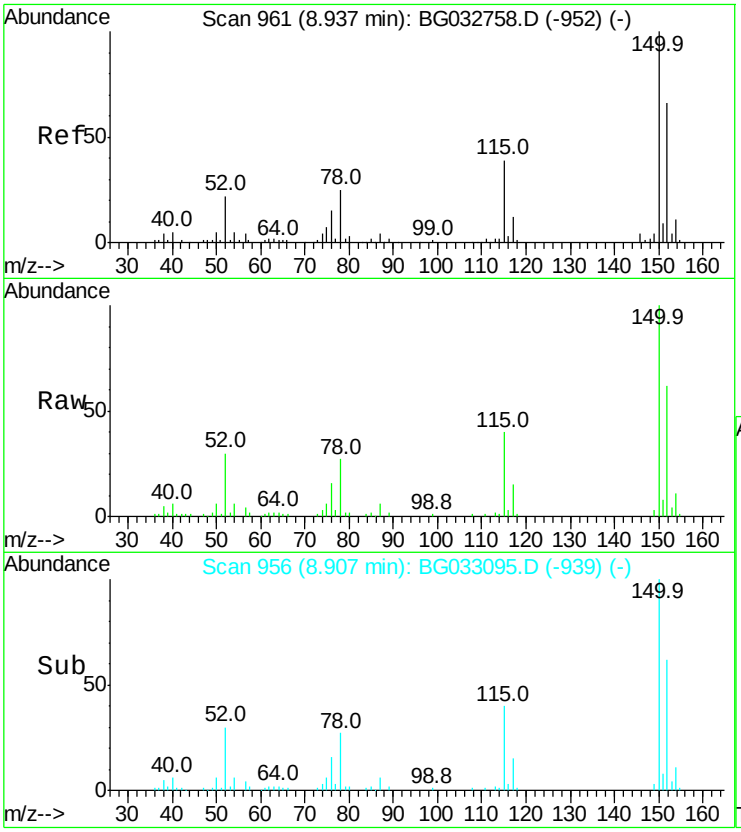
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033095.D
Acq On : 12 Mar 2018 18:41
Operator : SJ/JU
Sample : J2868-02RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 03:44:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



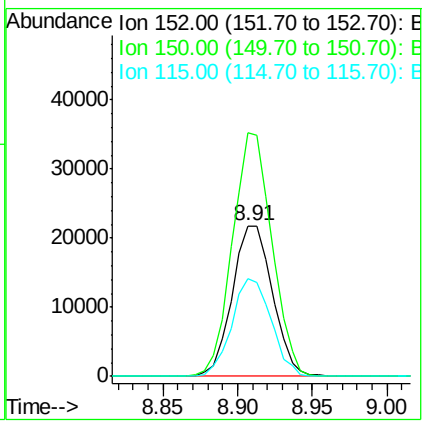


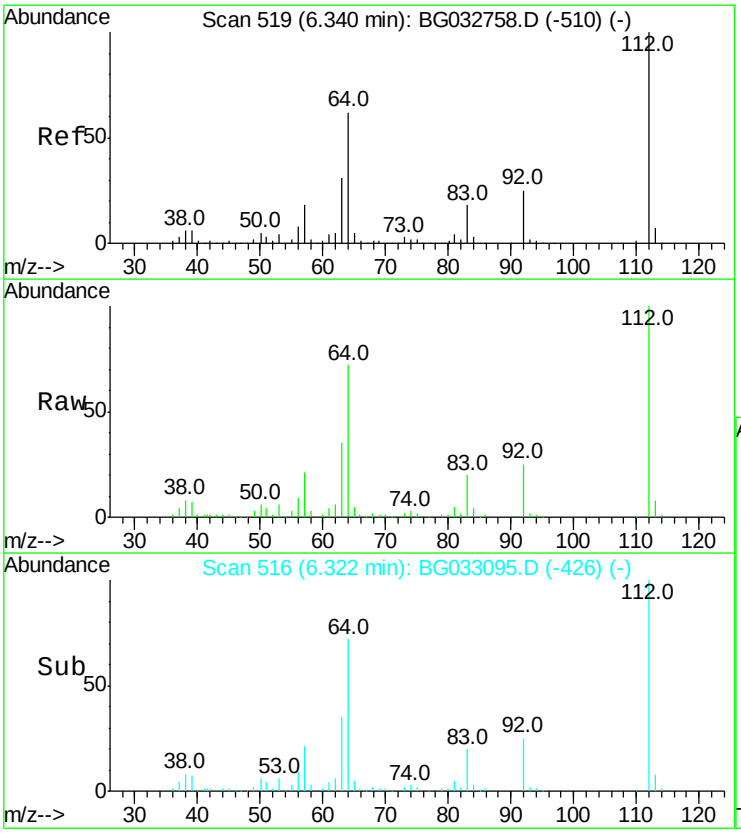
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40726

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.6	189.8
115	65.1	53.0	79.4

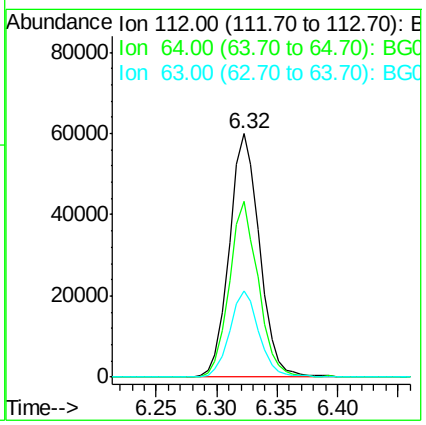


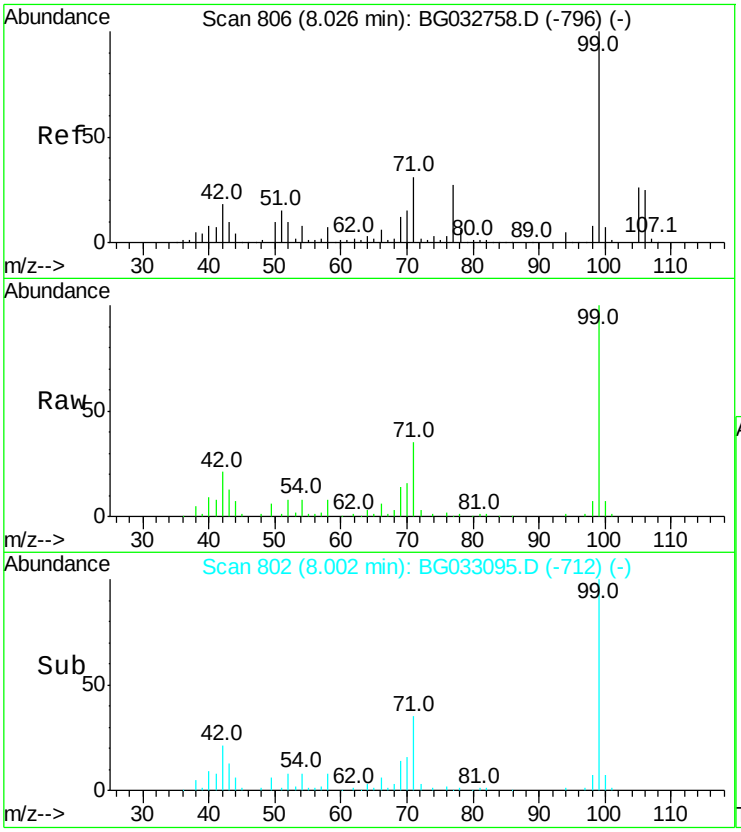


#5
2-Fluorophenol
Concen: 41.057 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:112 Resp: 104515

Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.3	84.5
63	35.5	30.1	45.1



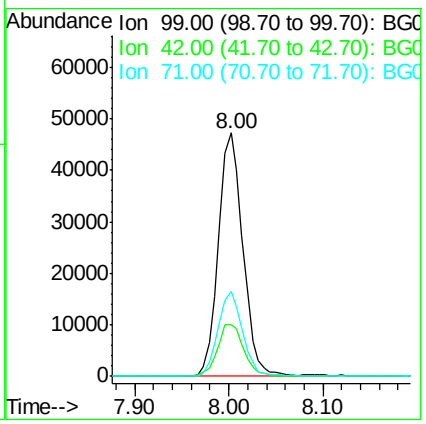


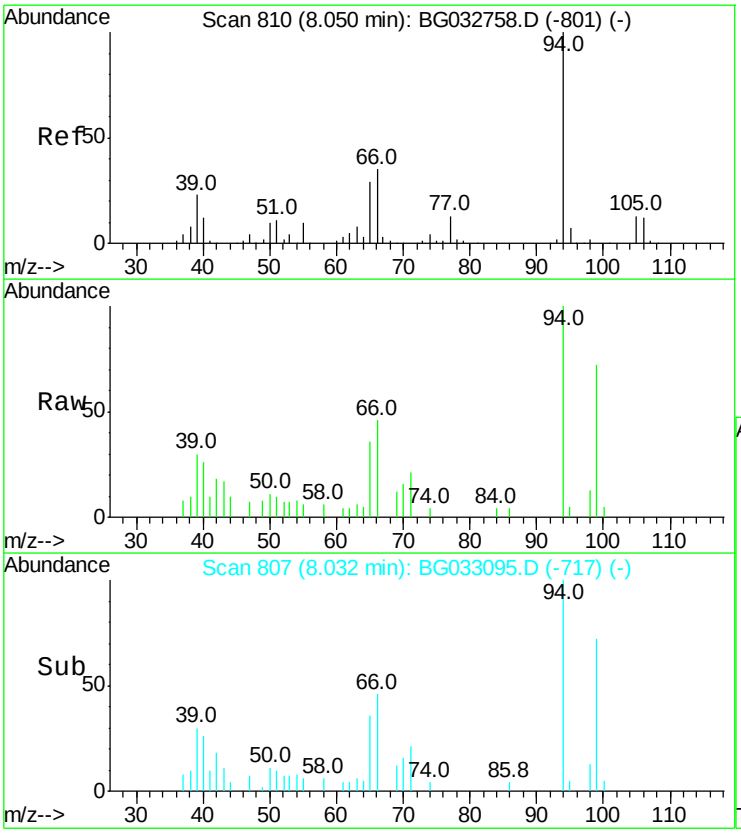
#7
Phenol-d6
Concen: 24.252 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 86053

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.1	21.1
71	34.7	26.1	39.1

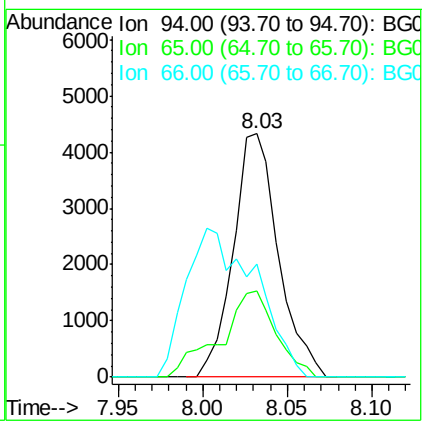


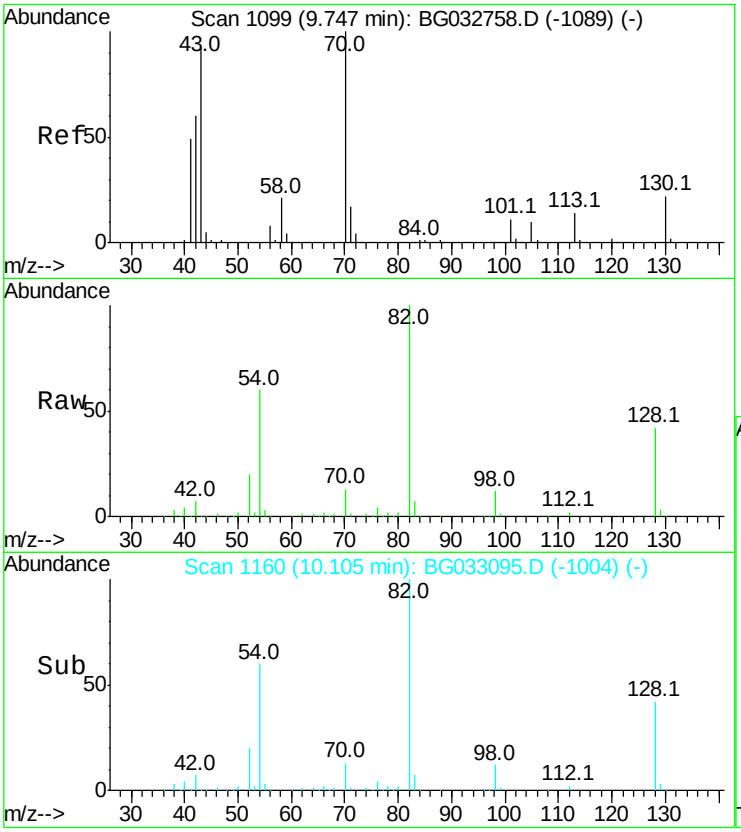


#10
Phenol
Concen: 2.244 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion: 94 Resp: 8025

Ion	Ratio	Lower	Upper
94	100		
65	35.6	11.9	51.9
66	46.5	22.2	62.2



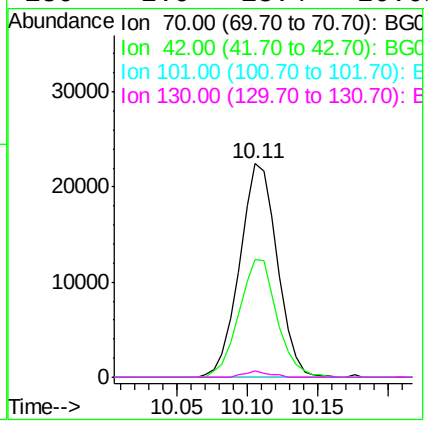


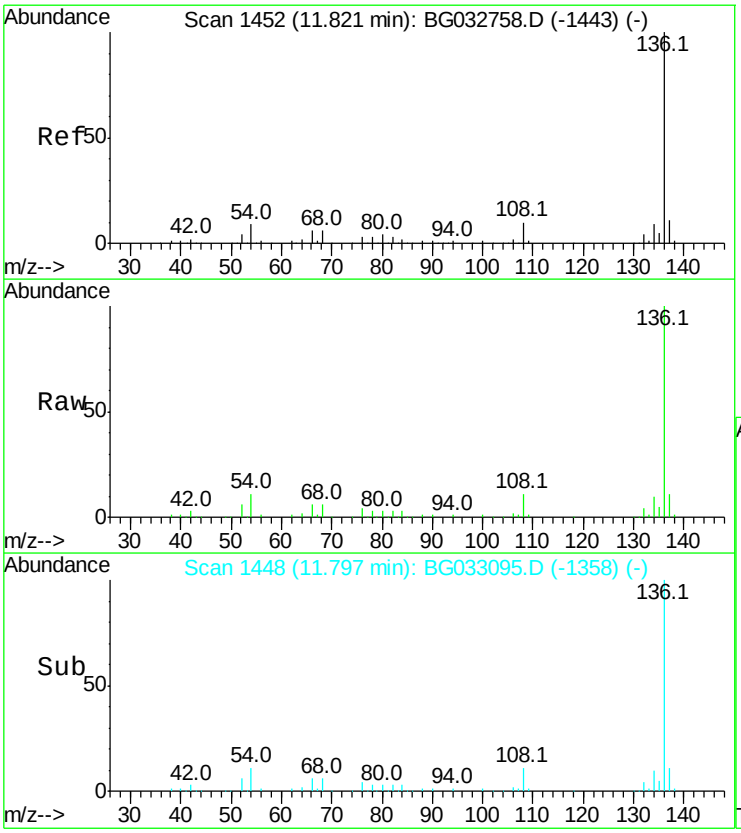
#19
n-Nitroso-di-n-propylamine
Concen: 16.710 ng
RT: 10.11 min Scan# 1160
Delta R.T. 0.39 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 41857

Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.1	73.7
101	0.0	8.5	12.7#
130	2.9	13.4	20.0#

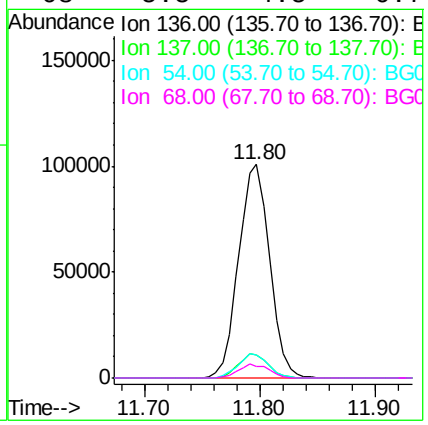


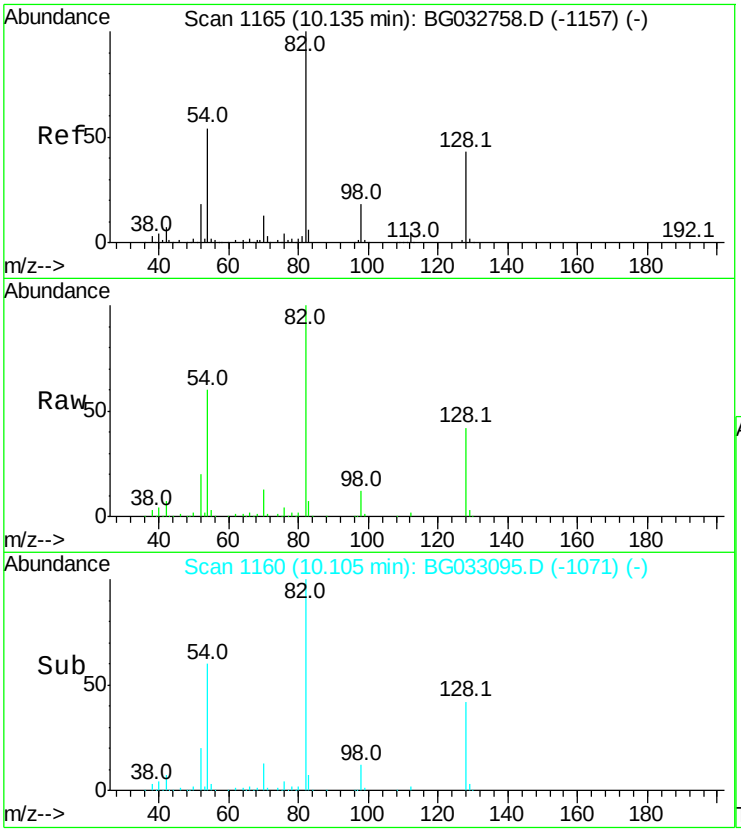


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:136 Resp: 187625

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	11.0	10.3	15.5
68	5.5	4.5	6.7



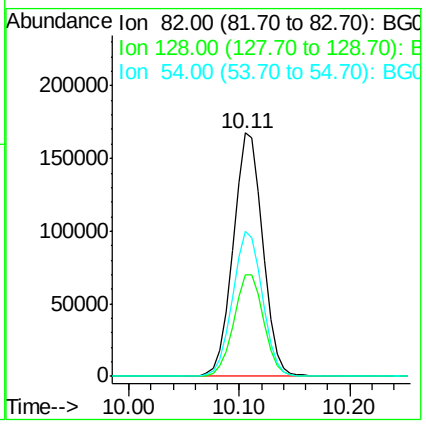


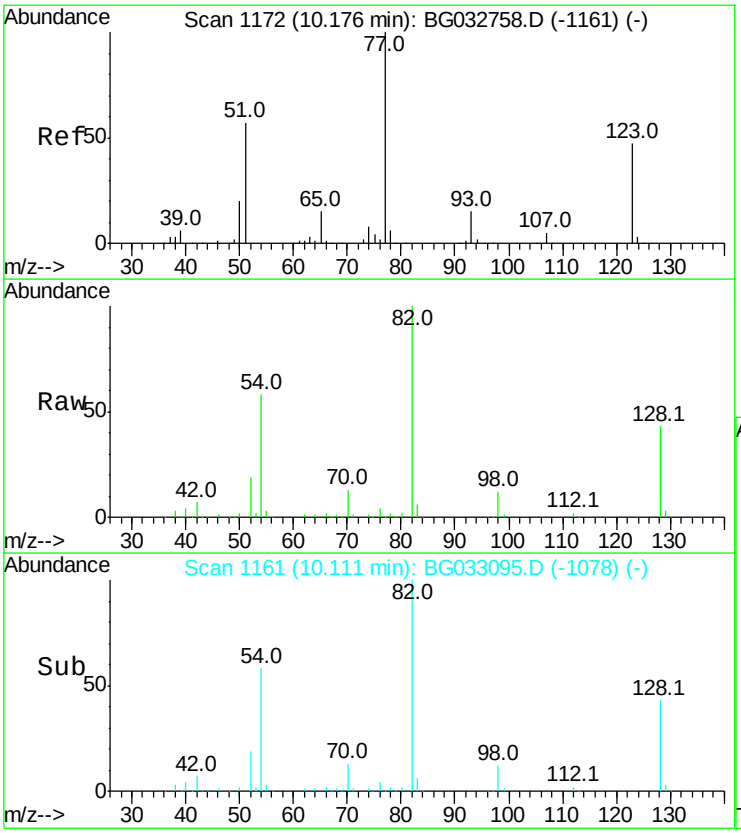
#23
Nitrobenzene-d5
Concen: 113.101 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 315822

Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.7	44.5
54	59.8	43.1	64.7

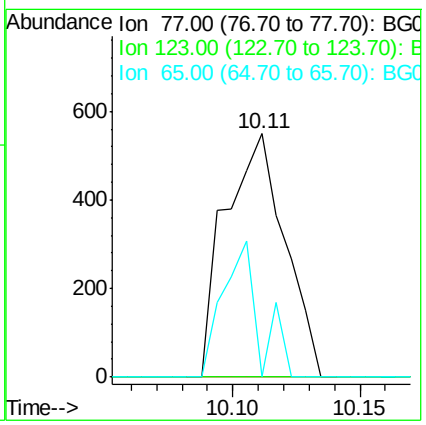


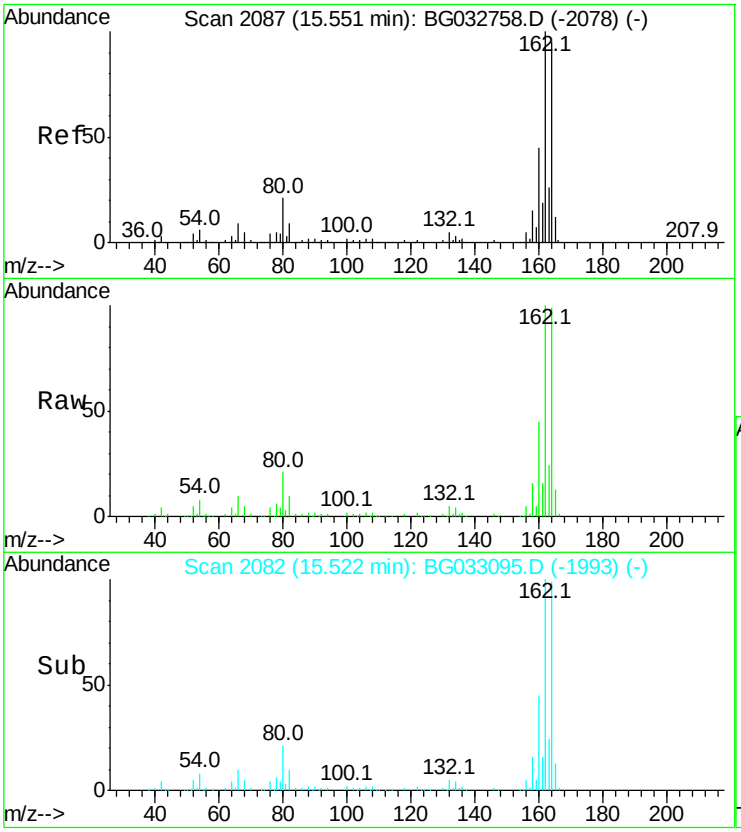


#24
Nitrobenzene
Concen: 6.641 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion: 77 Resp: 901

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



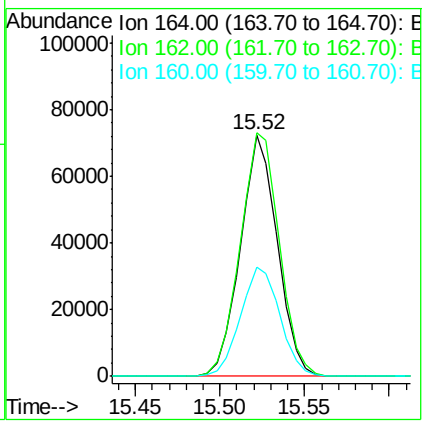


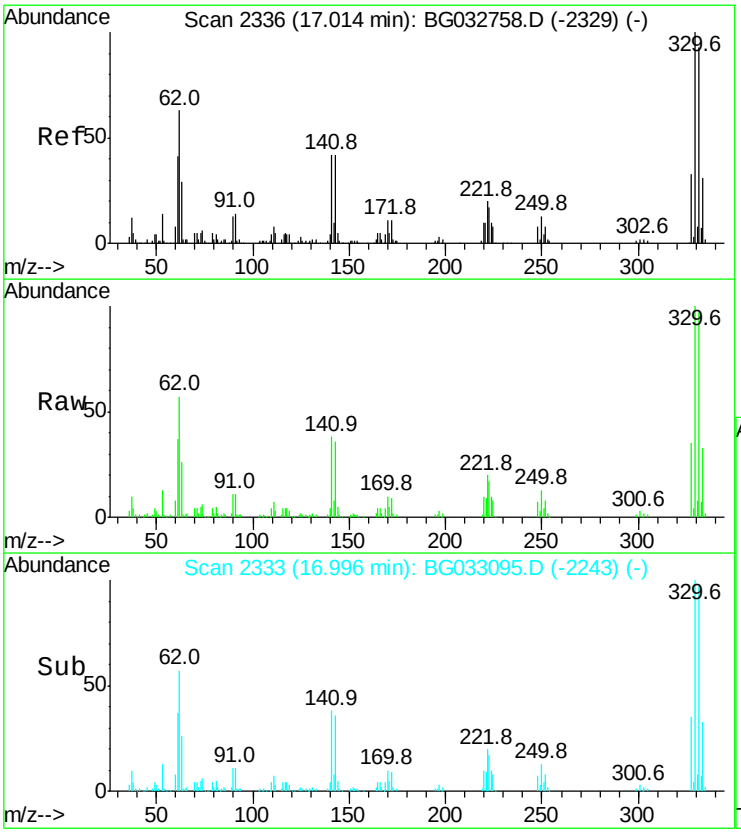
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 110093

Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	45.2	35.4	53.0

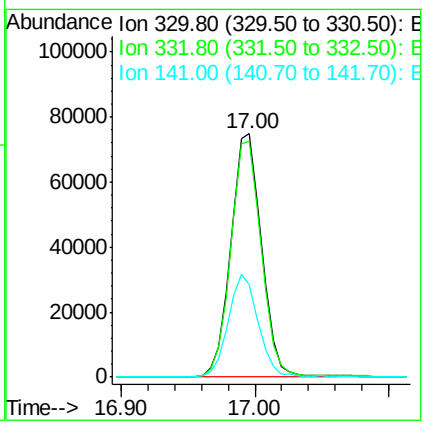


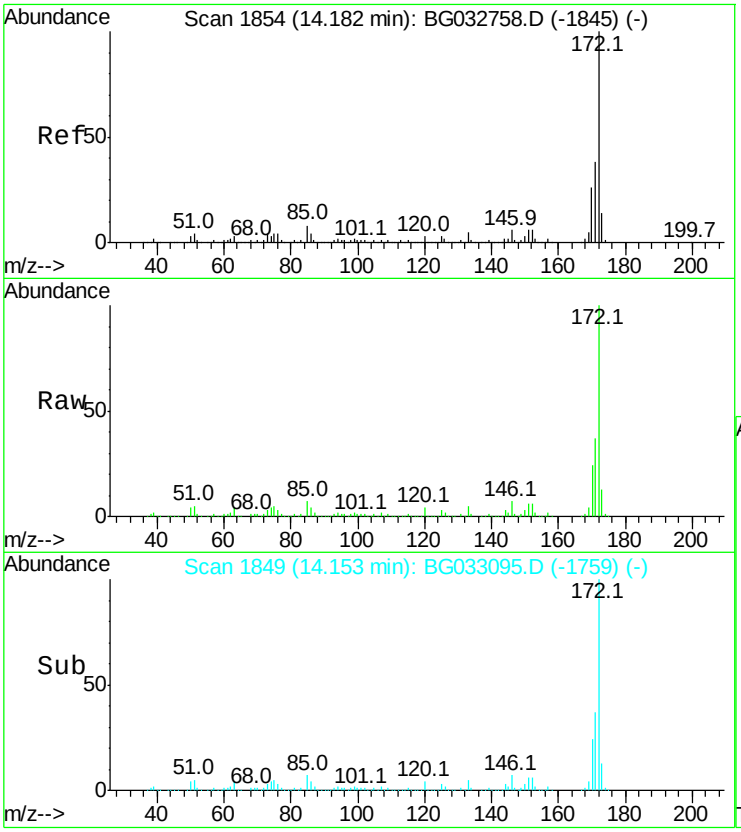


#41
2,4,6-Tribromophenol
Concen: 103.653 ng
RT: 17.00 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:330 Resp: 119988

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	41.6	25.2	37.8#



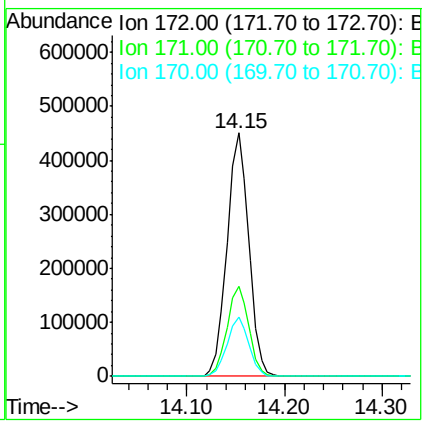


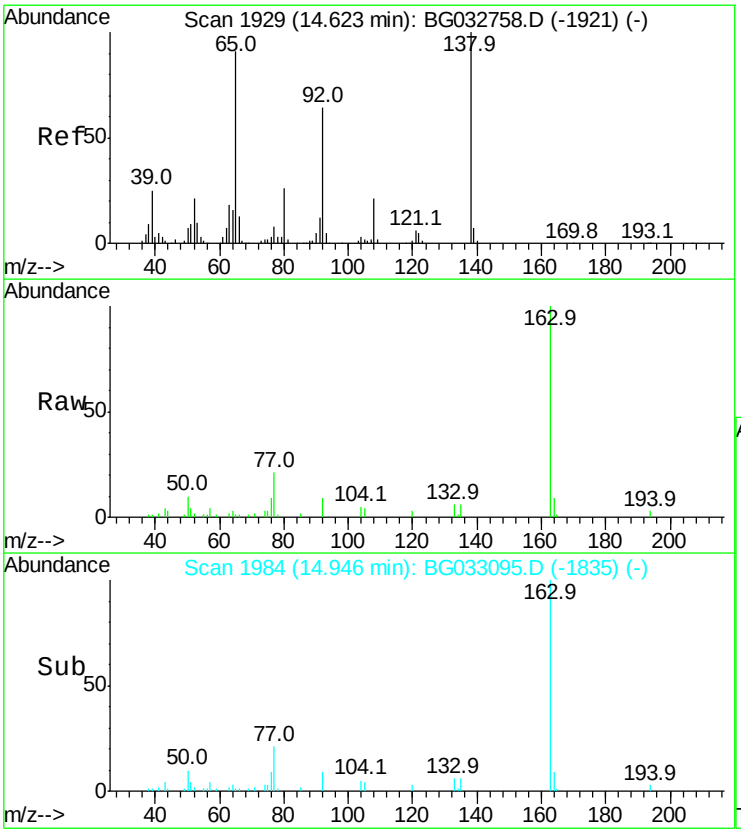
#44
2-Fluorobiphenyl
Concen: 90.977 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 694463

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3

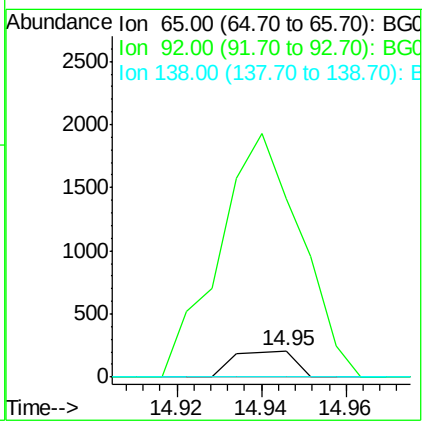


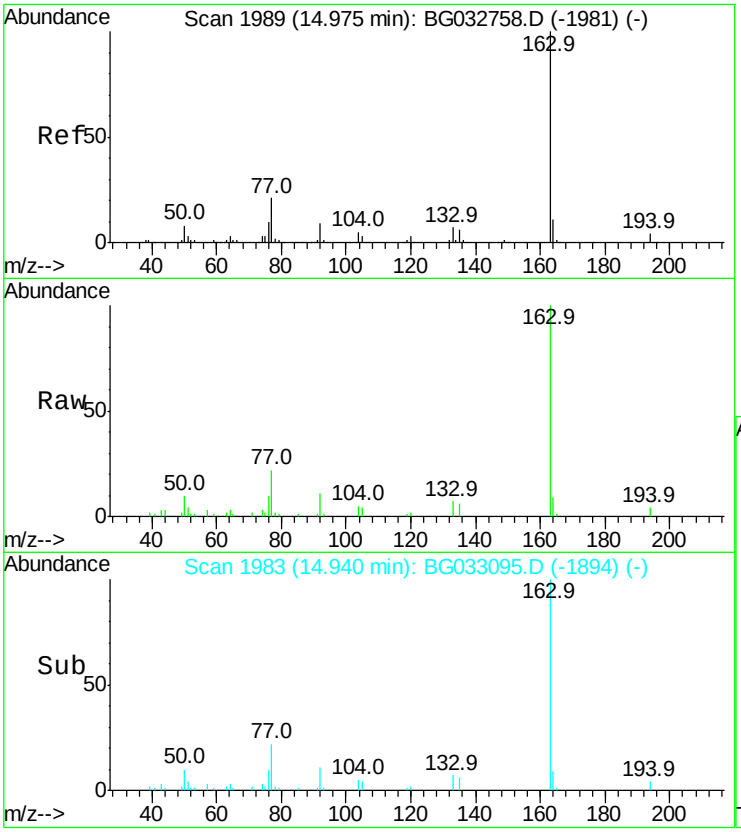


#47
2-Nitroaniline
Concen: 9.927 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.34 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion: 65 Resp: 207

Ion	Ratio	Lower	Upper
65	100		
92	683.0	54.6	82.0#
138	0.0	72.9	109.3#



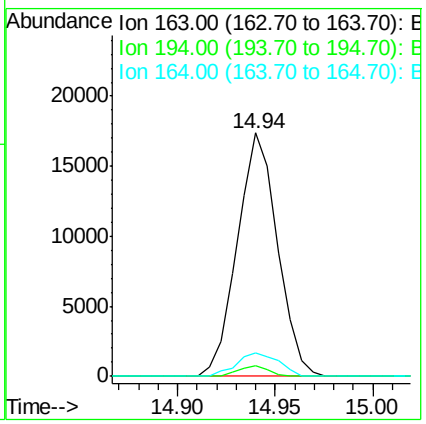


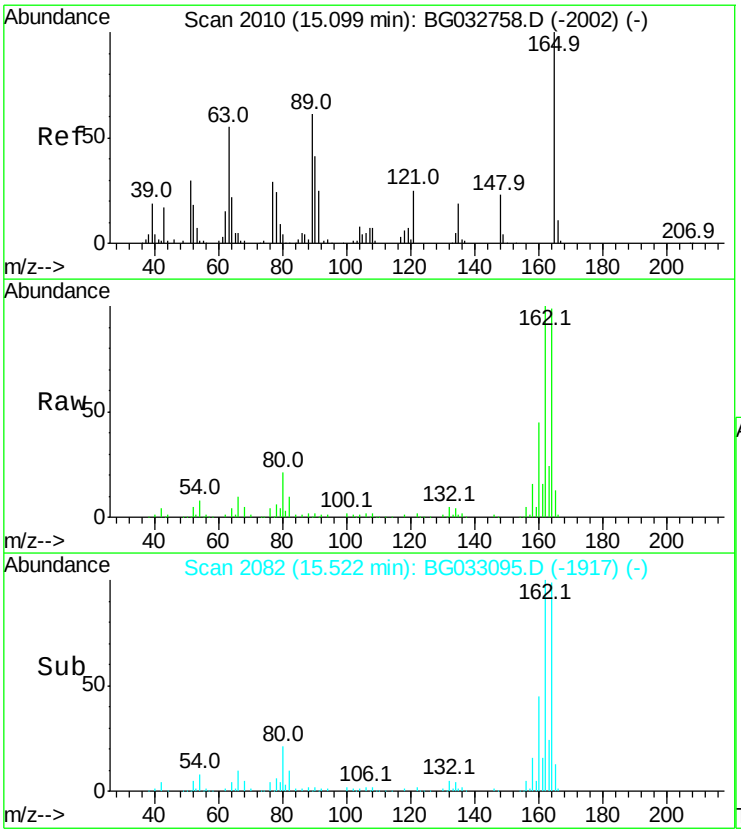
#49
Dimethylphthalate
Concen: 2.646 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 24730

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.4	8.2	12.4

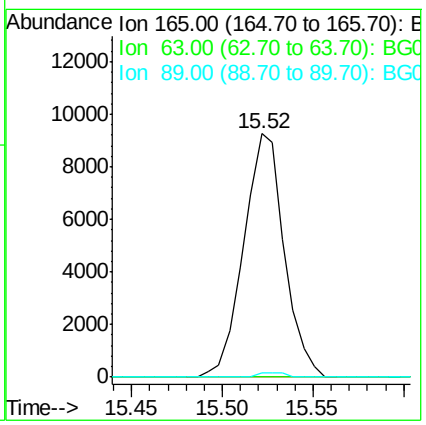


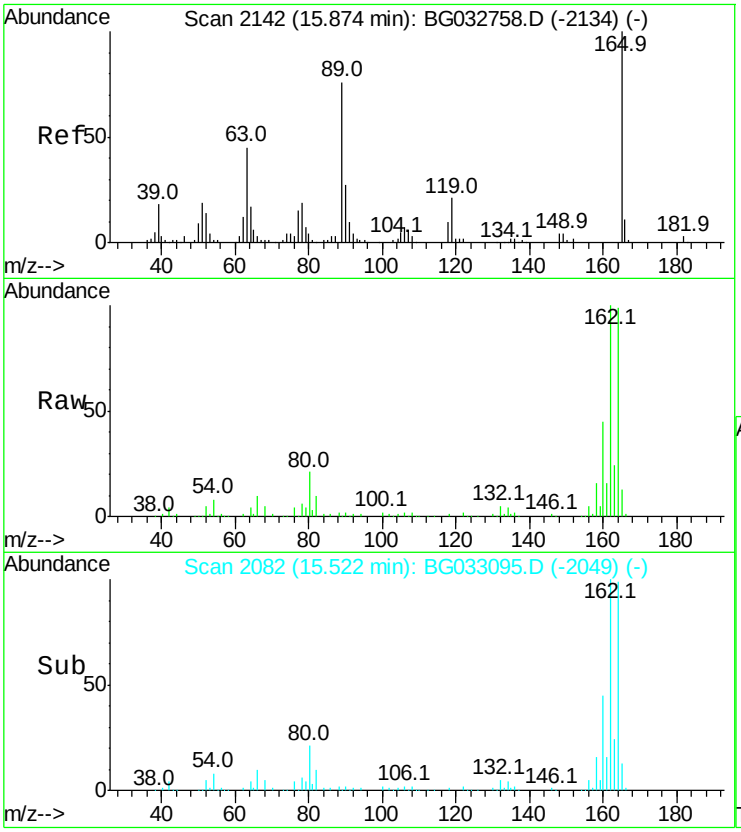


#50
2,6-Dinitrotoluene
Concen: 16.501 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.44 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:165 Resp: 14441

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



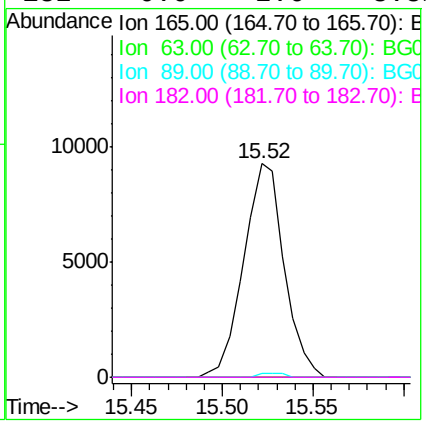


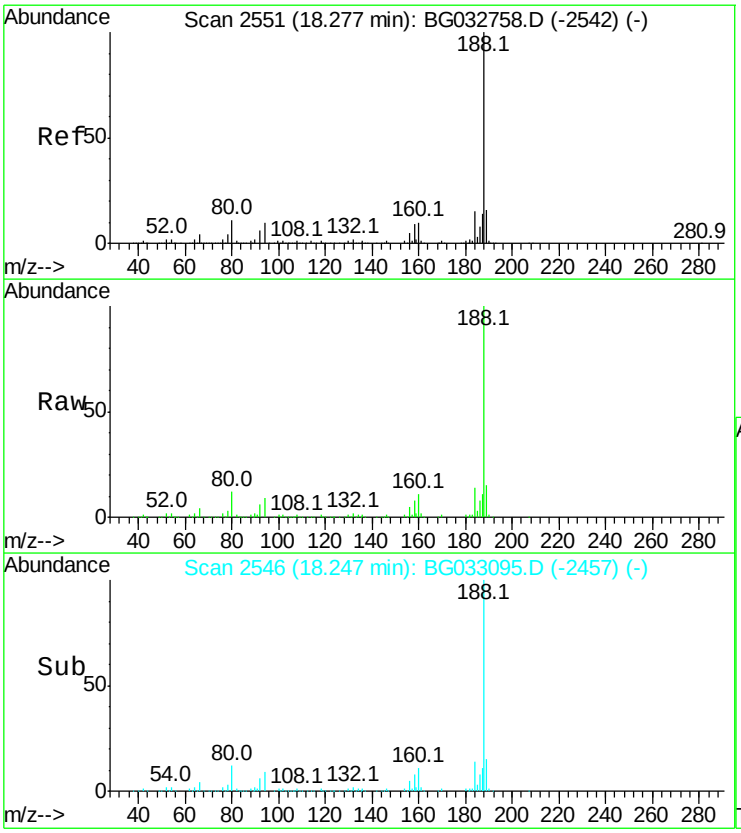
#56
2,4-Dinitrotoluene
Concen: 14.700 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.34 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14441

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#

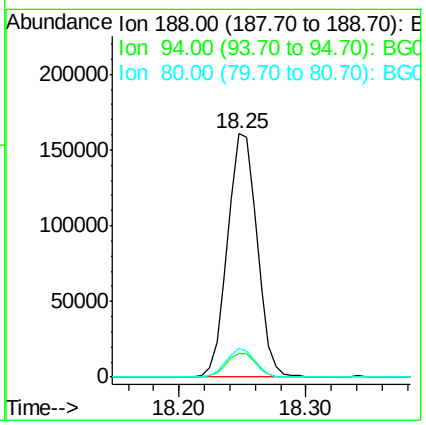


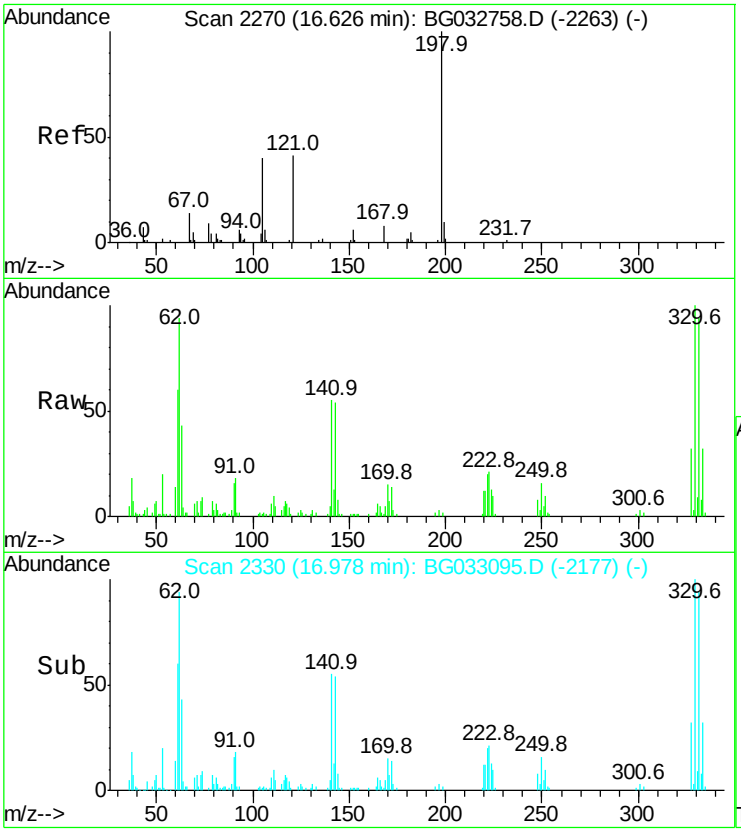


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:188 Resp: 258153

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.9	10.3
80	11.5	7.7	11.5



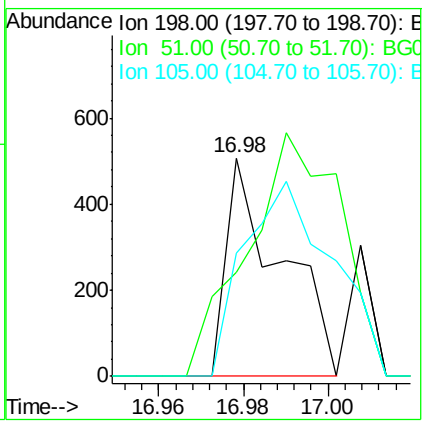


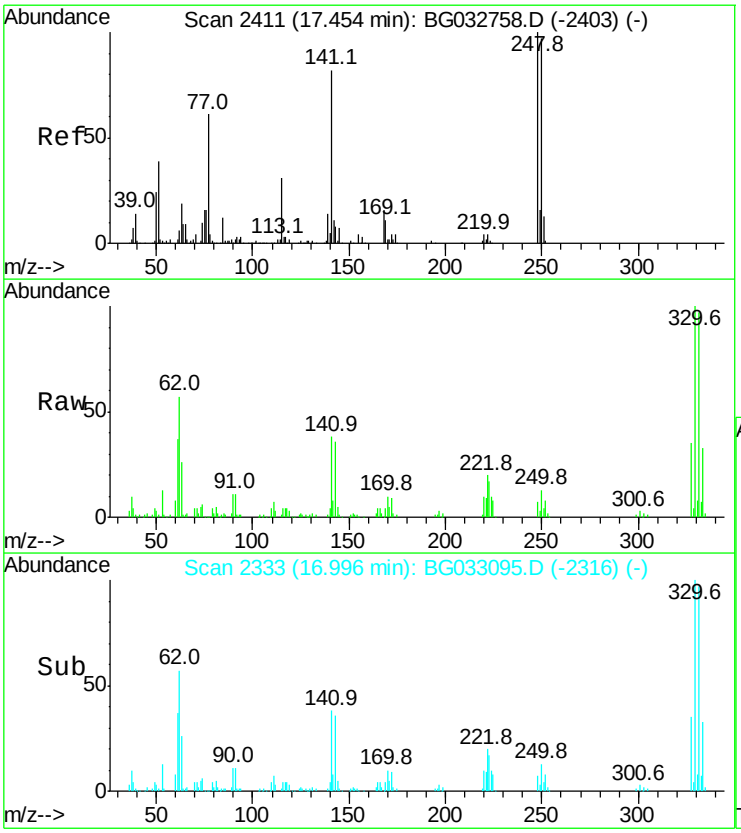
#64
4,6-Dinitro-2-methylphenol
Concen: 5.694 ng
RT: 16.98 min Scan# 2330
Delta R.T. 0.37 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 453

Ion	Ratio	Lower	Upper
198	100		
51	47.4	30.6	70.6
105	56.1	23.8	63.8

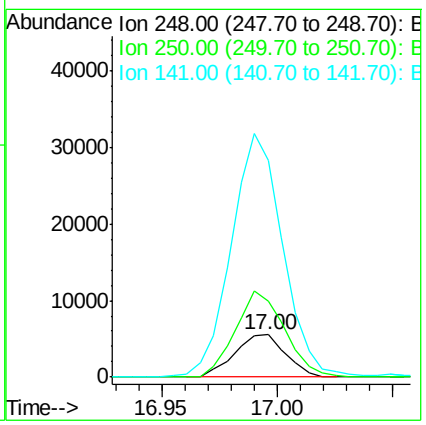


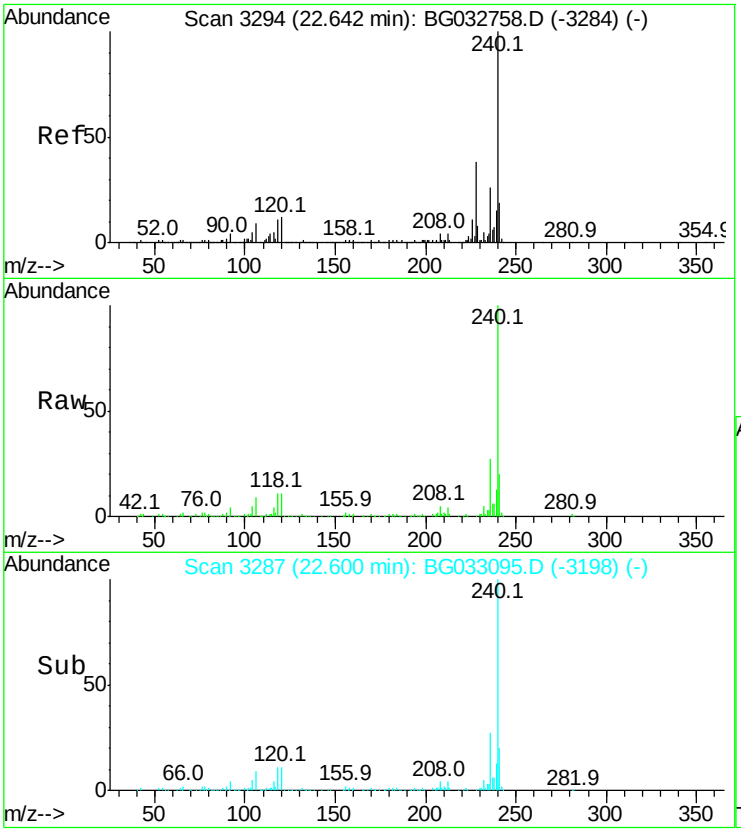


#66
4-Bromophenyl-phenylether
Concen: 3.127 ng
RT: 17.00 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:248 Resp: 8536

Ion	Ratio	Lower	Upper
248	100		
250	179.8	77.1	115.7#
141	514.6	50.8	76.2#



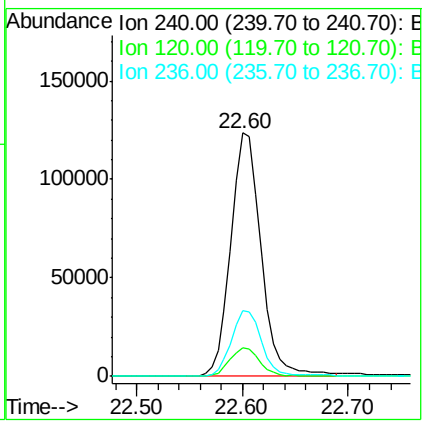


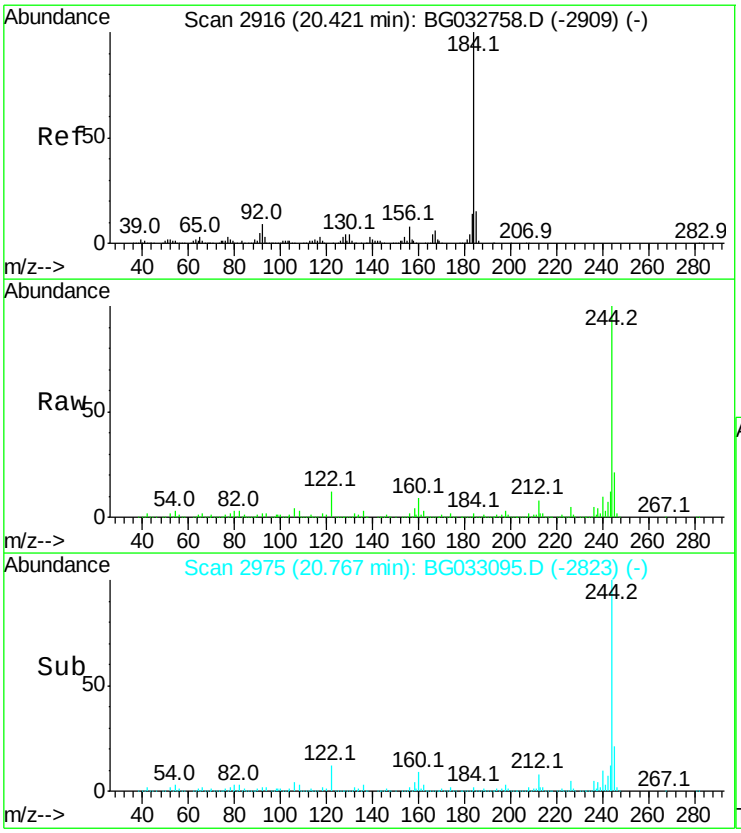
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 245700

Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.8	10.2#
236	26.9	20.9	31.3

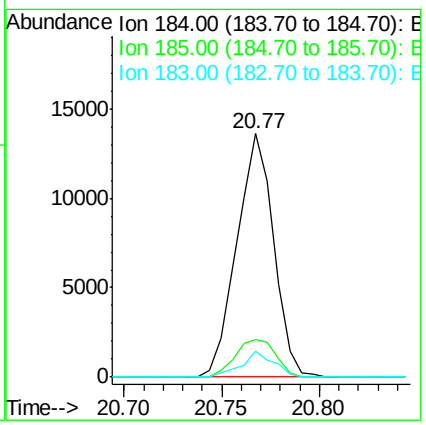


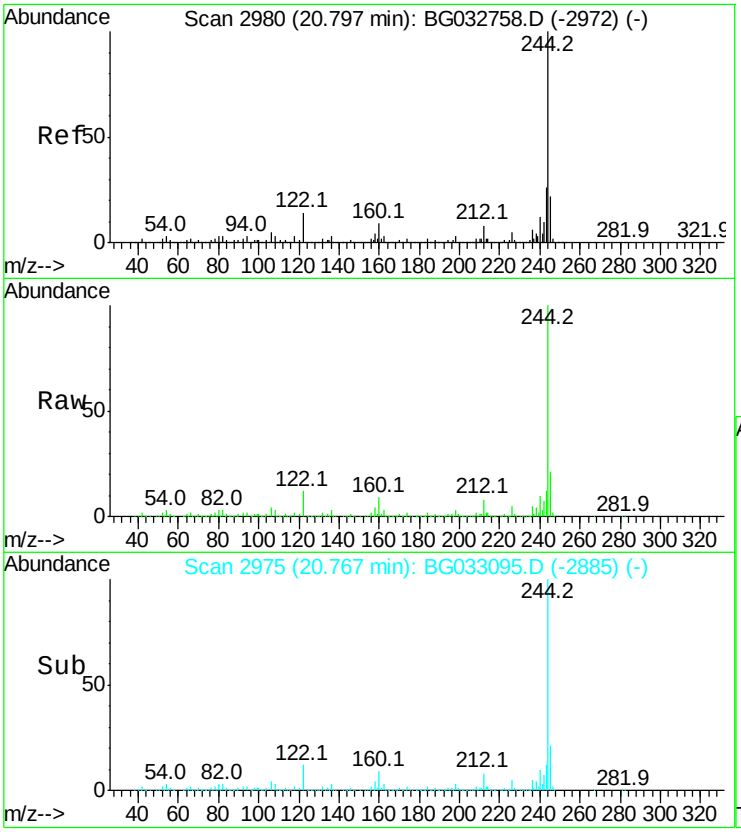


#76
Benzidine
Concen: 2.123 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.36 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:184 Resp: 17778

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.1	16.7
183	10.7	10.6	16.0



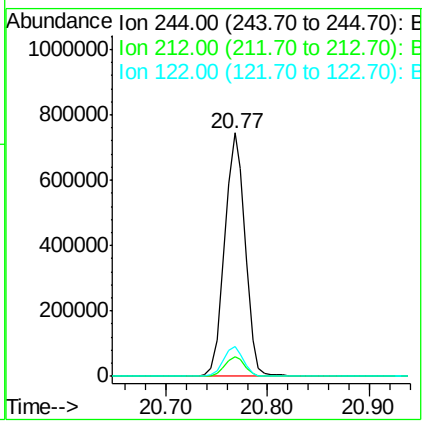


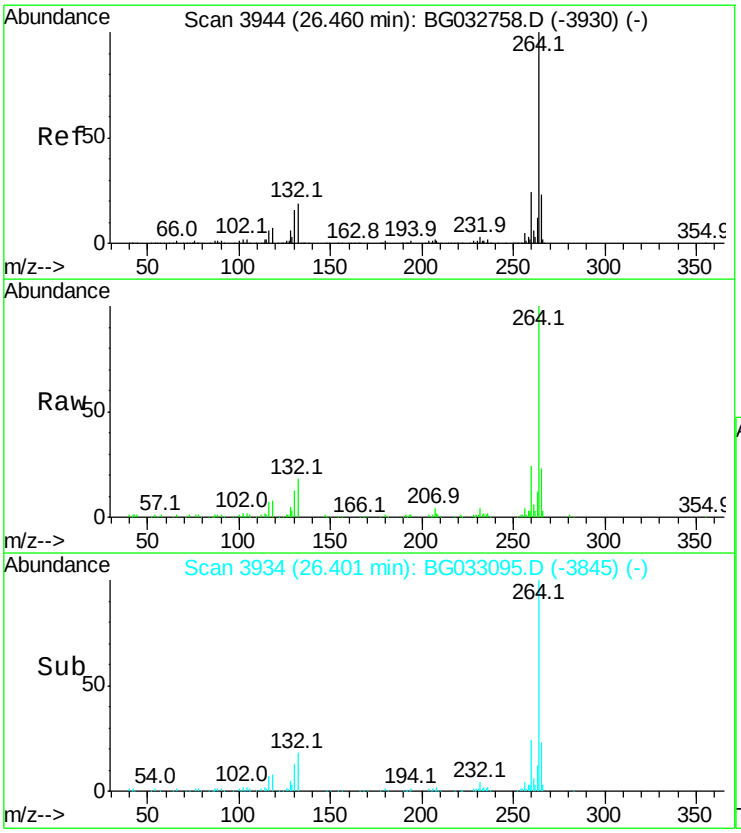
#78
Terphenyl-d14
Concen: 95.330 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1042514

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	12.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033095.D
Acq: 12 Mar 2018 18:41

Tgt Ion:264 Resp: 246674

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.8	17.7	26.5