Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033141.D
Acq On : 14 Mar 2018 7:52
Operator : SJ/JU
Sample : J1898-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 14 11:50:24 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	45753	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	198927	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	109097	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	233894	20.00	ng		0.00
75) Chrysene-d12	22.61	240	221105	20.00	ng		0.00
86) Perylene-d12	26.41	264	192151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	390950	136.70	ng		0.00
7) Phenol-d6	8.02	99	467314	117.23	ng		0.01
23) Nitrobenzene-d5	10.11	82	362479	121.62	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	119622	104.28	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	752068	99.42	ng		0.00
78) Terphenyl-d14	20.77	244	1087107	110.46	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.24	79	5974	2.039	ng	#	36
19) n-Nitroso-di-n-propylamine	10.11	70	49484	17.584	ng	#	82
24) Nitrobenzene	10.11	77	1152	6.695	ng	#	42
32) Benzoic acid	10.97	122	5562	9.310	ng		86
47) 2-Nitroaniline	14.51	65	62	9.863	ng	#	9
50) 2,6-Dinitrotoluene	15.52	165	14119	16.400	ng	#	21
56) 2,4-Dinitrotoluene	15.52	165	14119	14.598	ng	#	19
64) 4,6-Dinitro-2-methylphenol	16.99	198	214	5.338	ng	#	1
66) 4-Bromophenyl-phenylether	16.99	248	7919	3.202	ng	#	1
76) Benzidine	20.77	184	18525	2.458	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033141.D
Acq On : 14 Mar 2018 7:52
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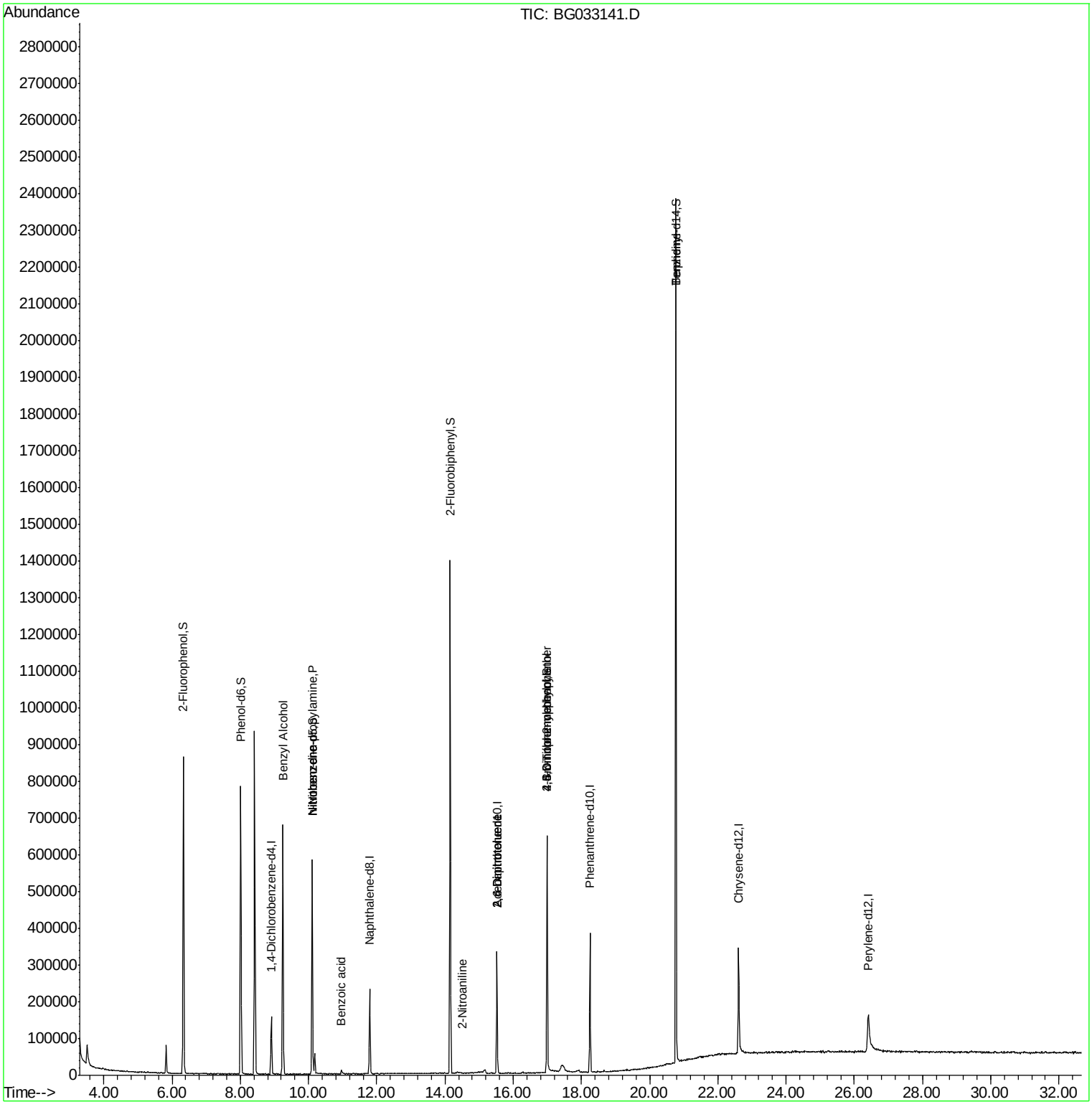
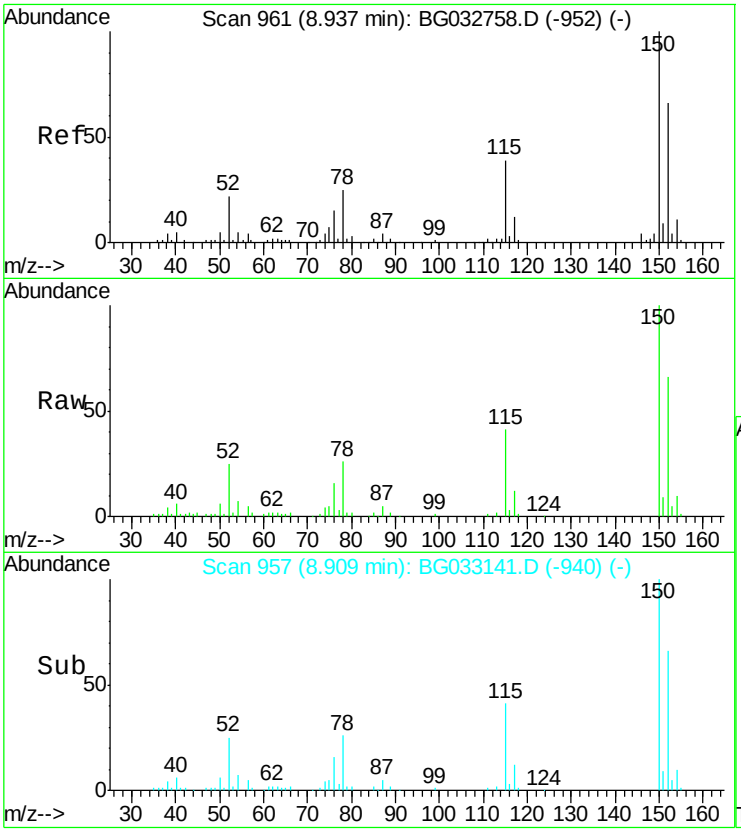
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 14 11:50:24 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



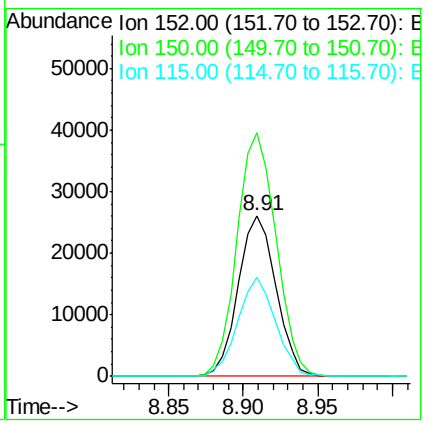


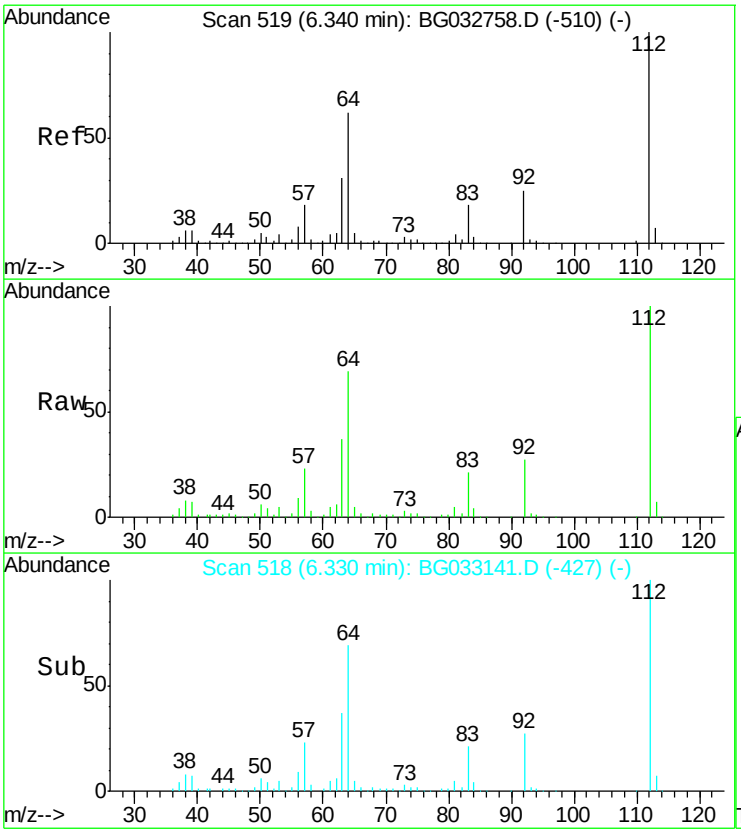
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45753

Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	61.7	53.0	79.4

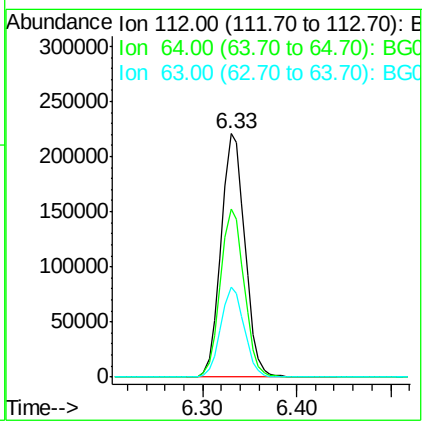


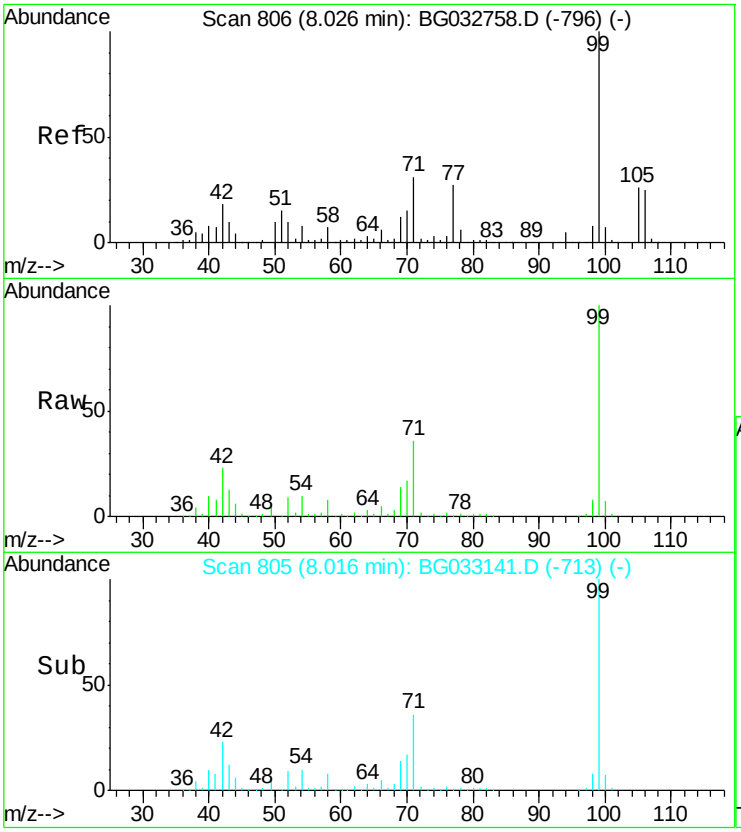


#5
2-Fluorophenol
Concen: 136.704 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:112 Resp: 390950

Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.3	84.5
63	37.0	30.1	45.1



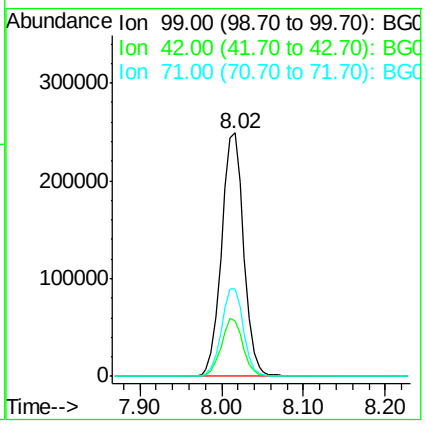


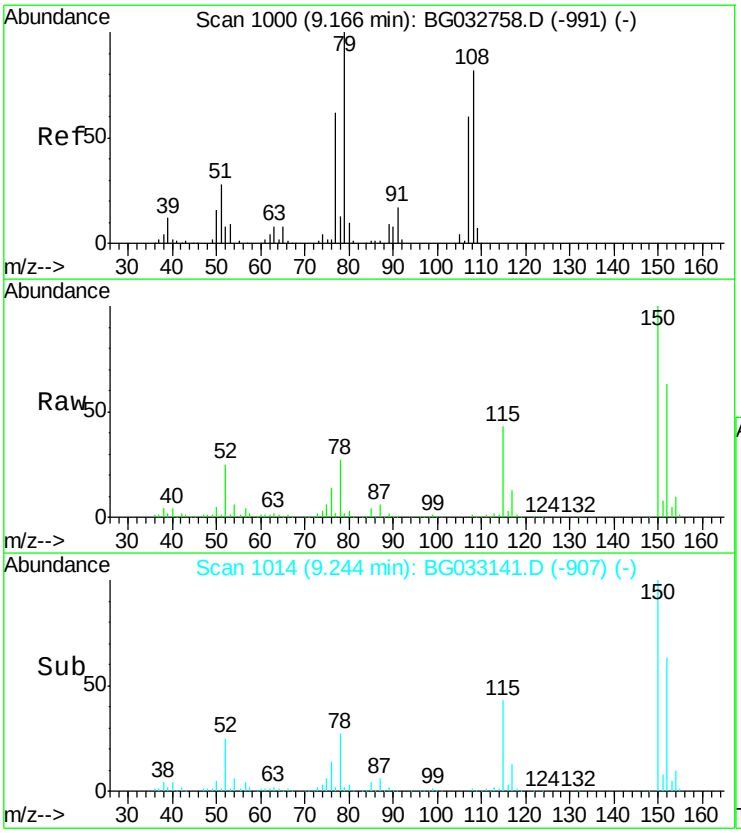
#7
Phenol-d6
Concen: 117.233 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 467314

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.1	21.1#
71	35.8	26.1	39.1

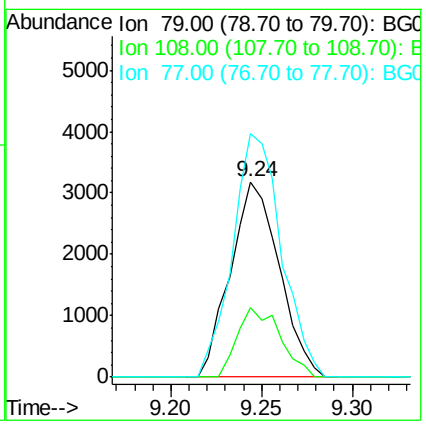


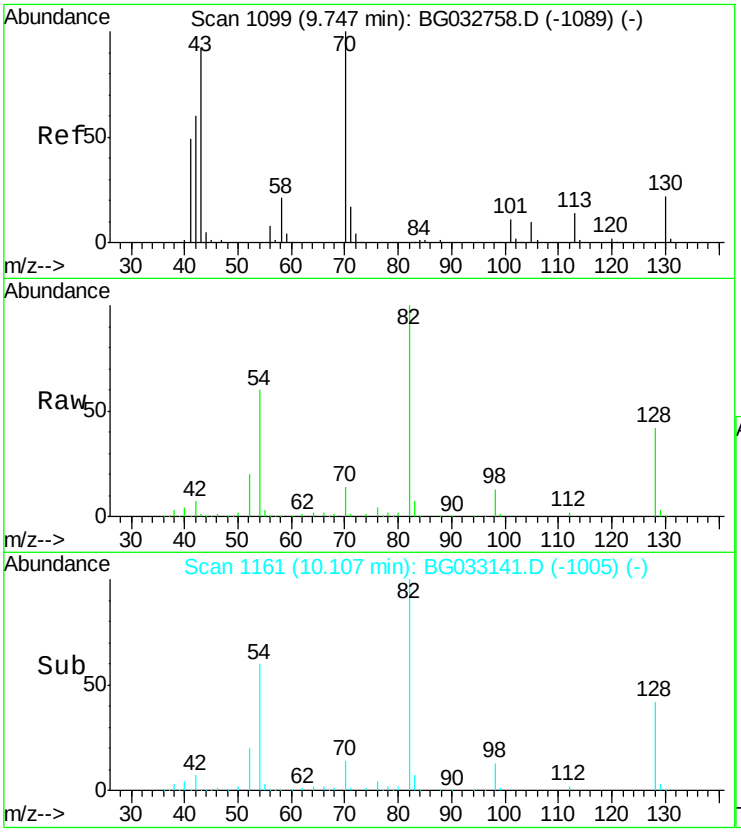


#15
Benzyl Alcohol
Concen: 2.039 ng
RT: 9.24 min Scan# 1014
Delta R.T. 0.10 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion: 79 Resp: 5974

Ion	Ratio	Lower	Upper
79	100		
108	35.8	57.2	85.8#
77	124.5	46.1	69.1#



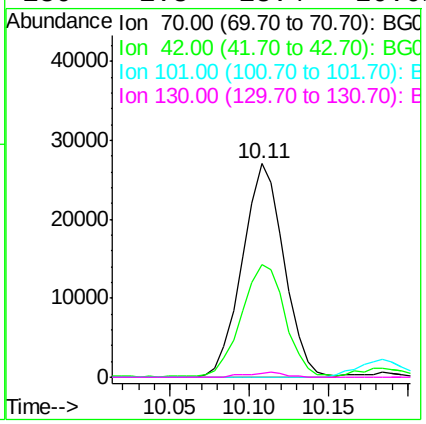


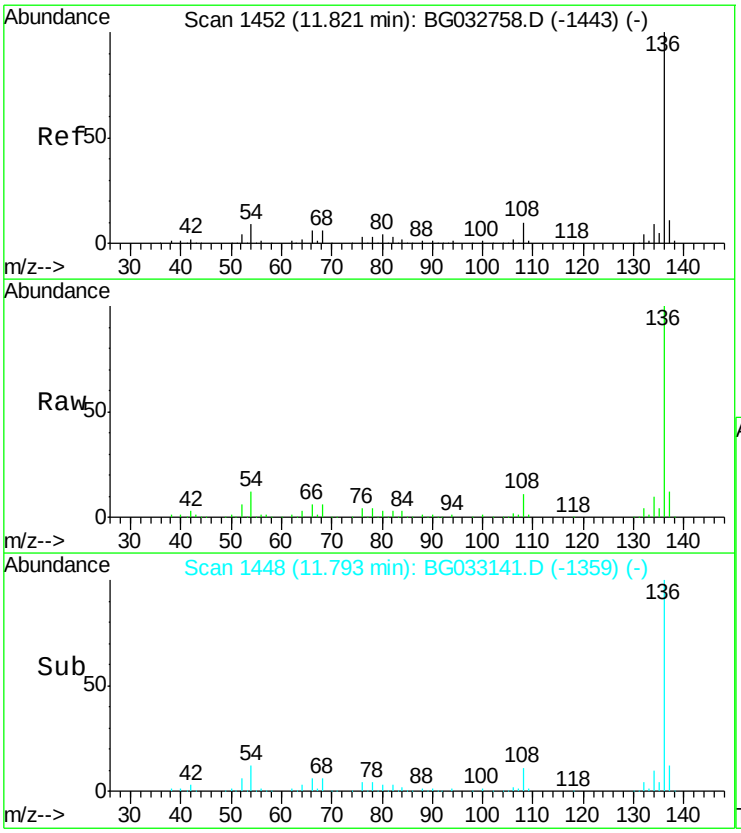
#19
n-Nitroso-di-n-propylamine
Concen: 17.584 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 49484

Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

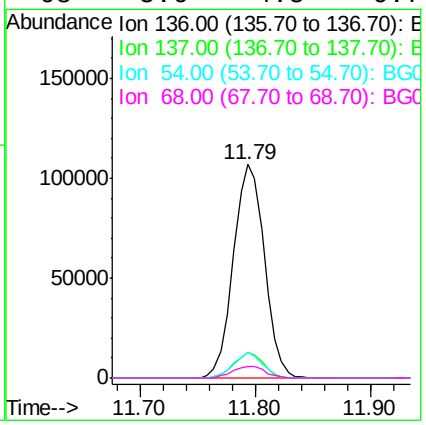


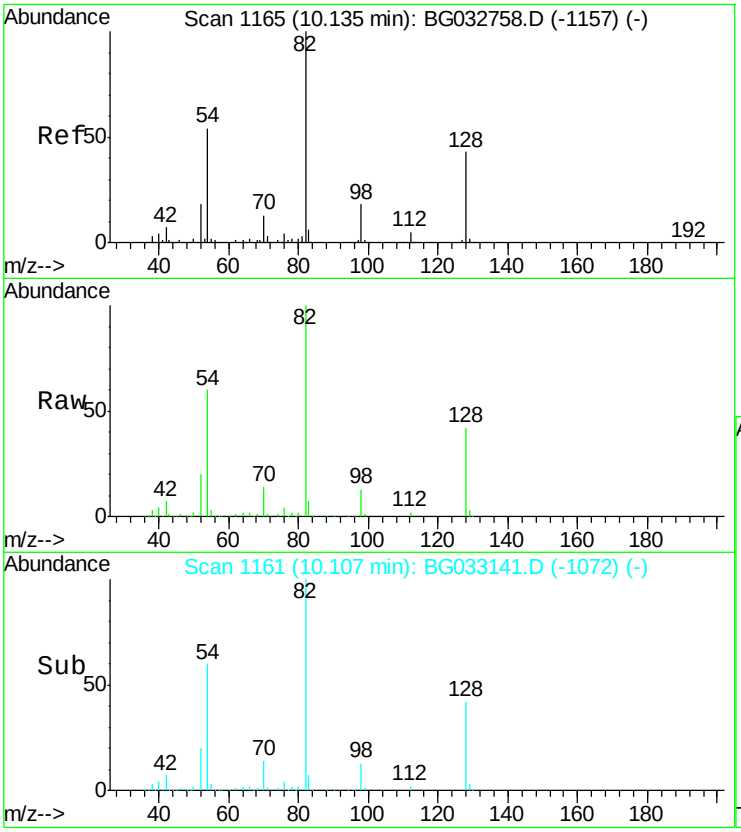


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:136 Resp: 198927

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	11.7	10.3	15.5
68	5.6	4.5	6.7



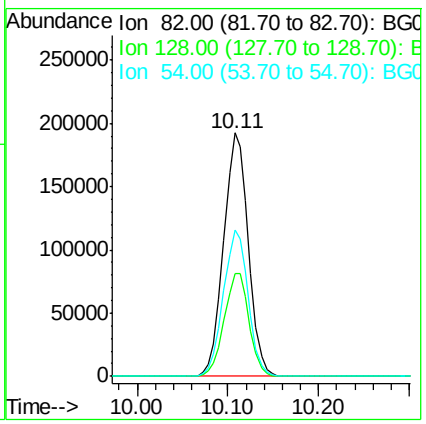


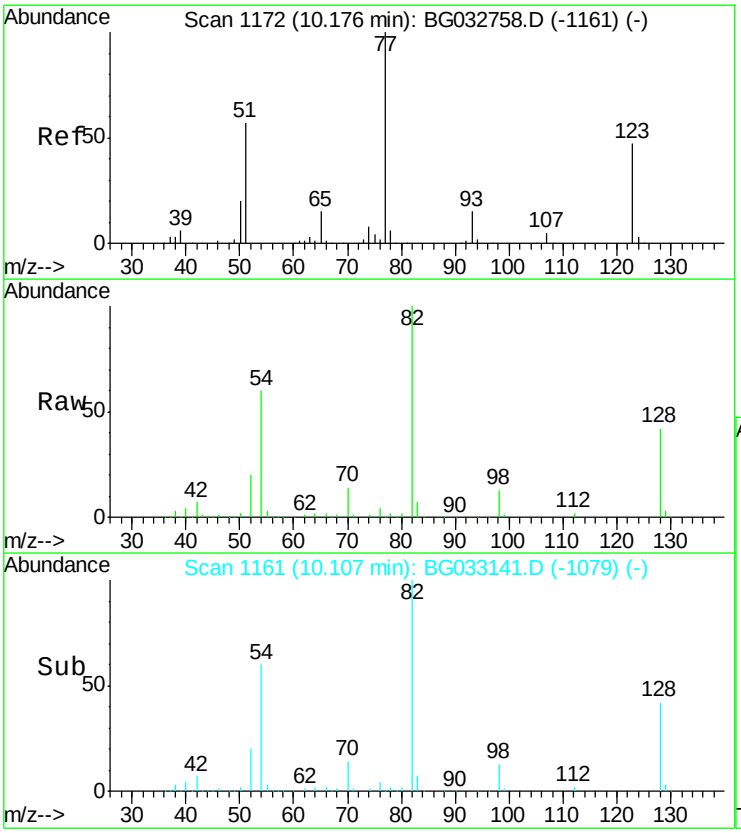
#23
Nitrobenzene-d5
Concen: 121.616 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 362479

Ion	Ratio	Lower	Upper
82	100		
128	42.4	29.7	44.5
54	60.2	43.1	64.7

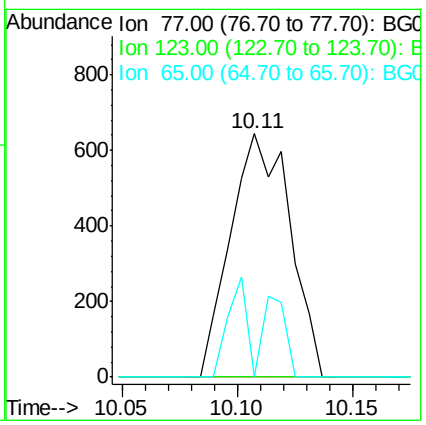


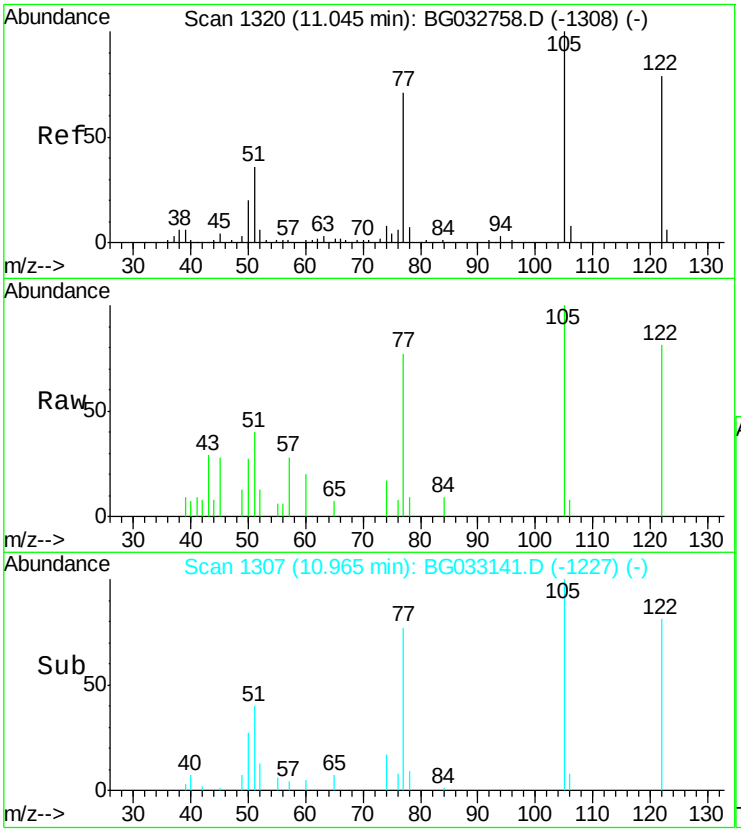


#24
Nitrobenzene
Concen: 6.695 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion: 77 Resp: 1152

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



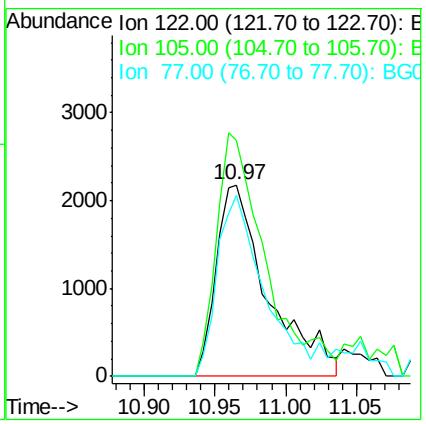


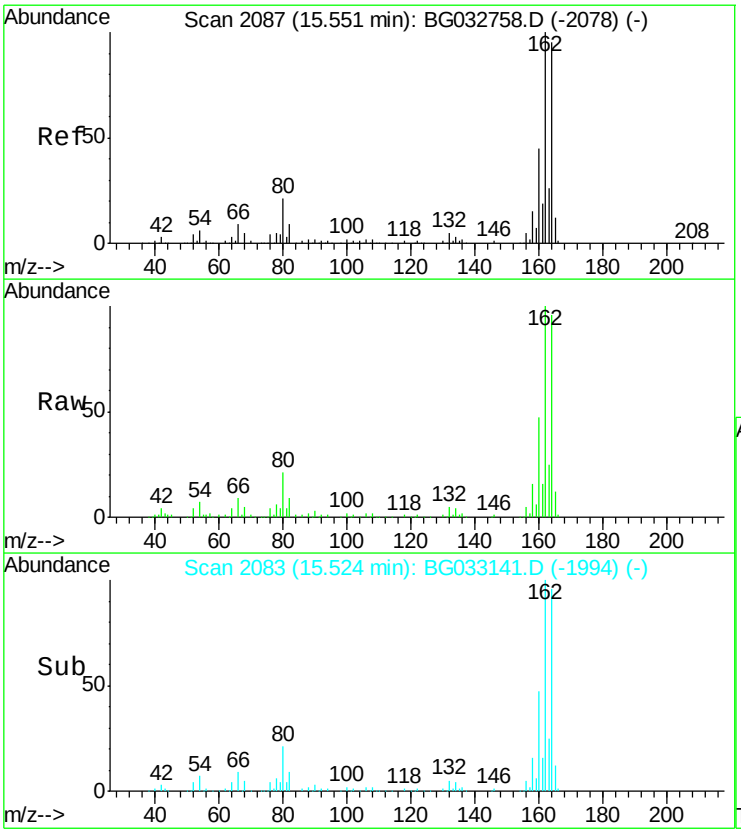
#32
Benzoic acid
Concen: 9.310 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.06 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 5562

Ion	Ratio	Lower	Upper
122	100		
105	123.6	123.5	163.5
77	94.8	85.7	125.7

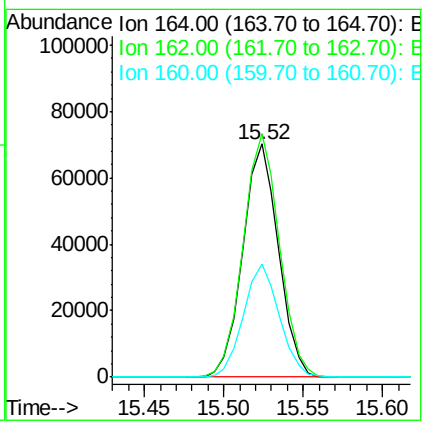


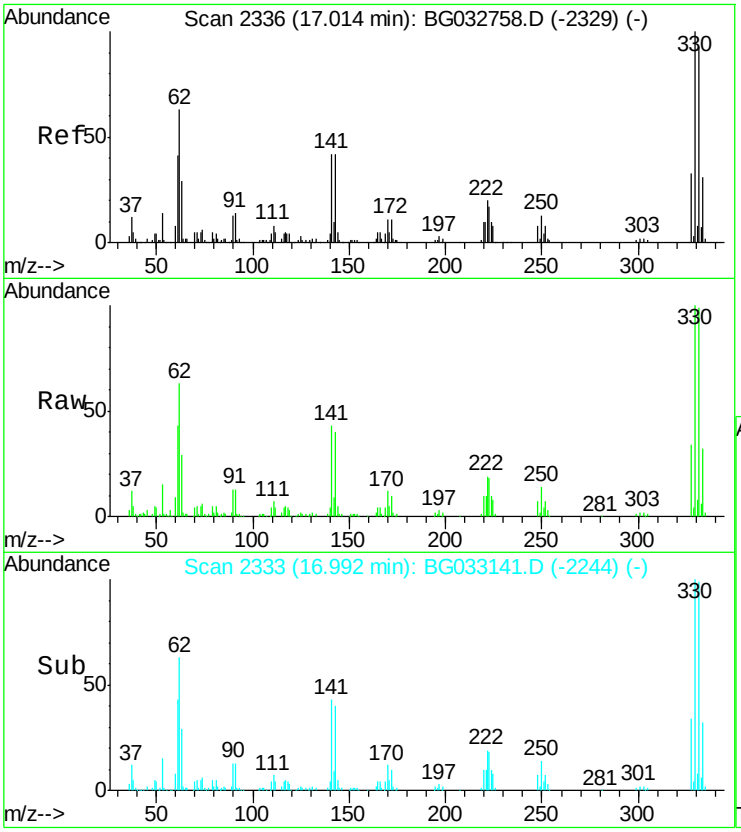


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:164 Resp: 109097

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	48.8	35.4	53.0



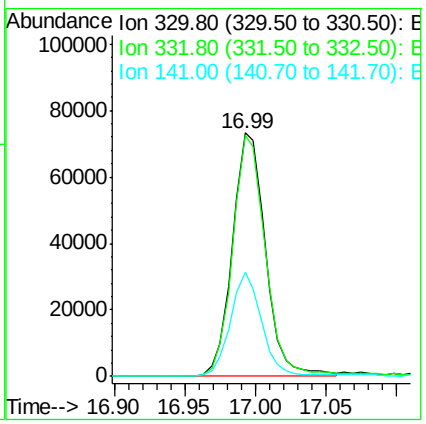


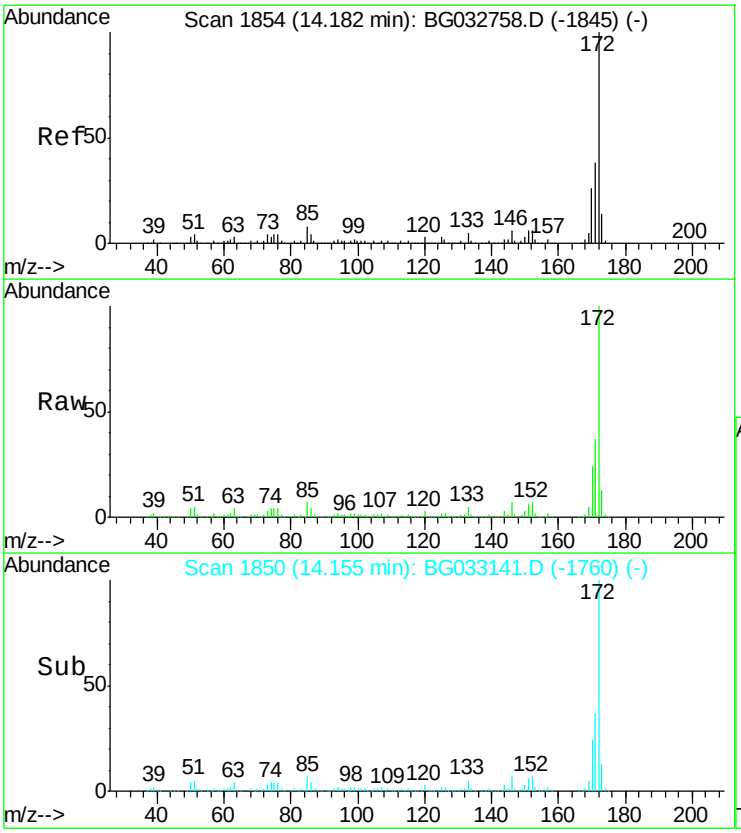
#41
2,4,6-Tribromophenol
Concen: 104.281 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 119622

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	40.7	25.2	37.8#

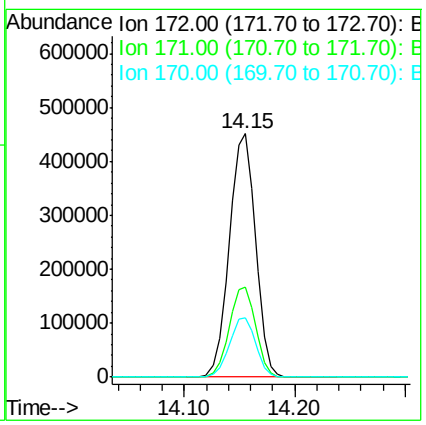


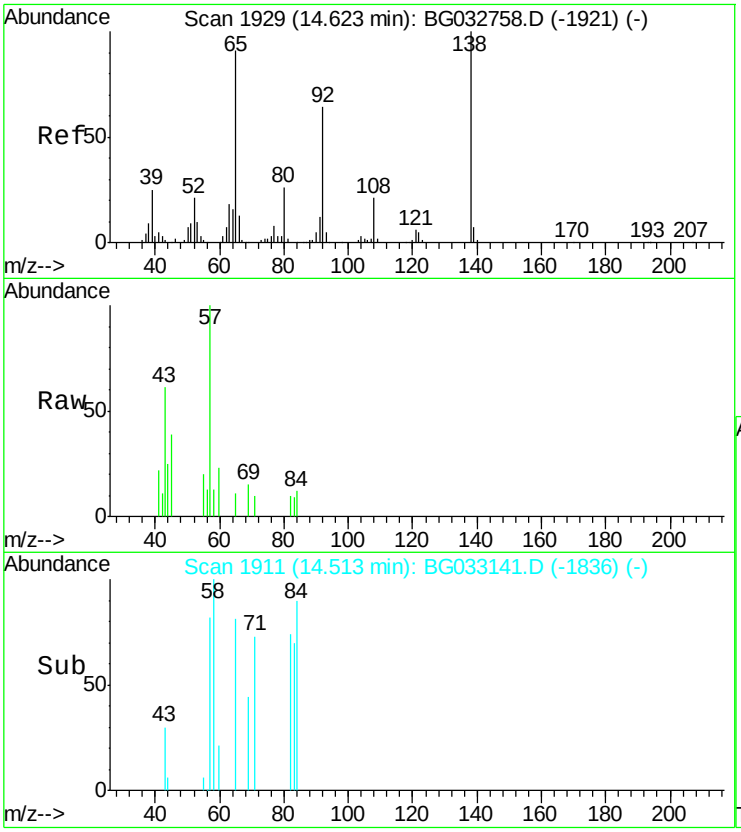


#44
2-Fluorobiphenyl
Concen: 99.423 ng
RT: 14.15 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:172 Resp: 752068

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.3	19.5	29.3



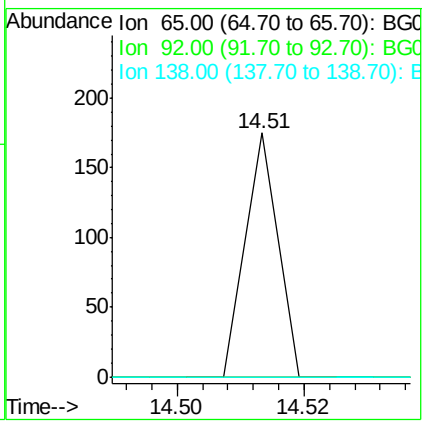


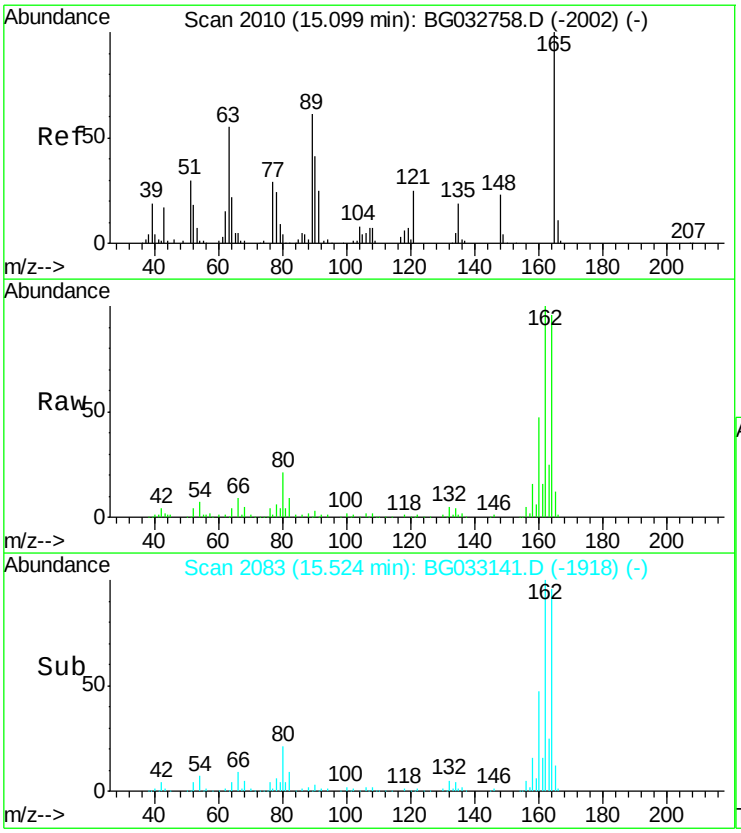
#47
2-Nitroaniline
Concen: 9.863 ng
RT: 14.51 min Scan# 1911
Delta R.T. -0.09 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 62

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

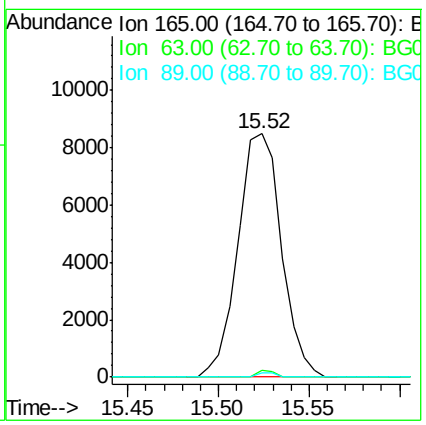


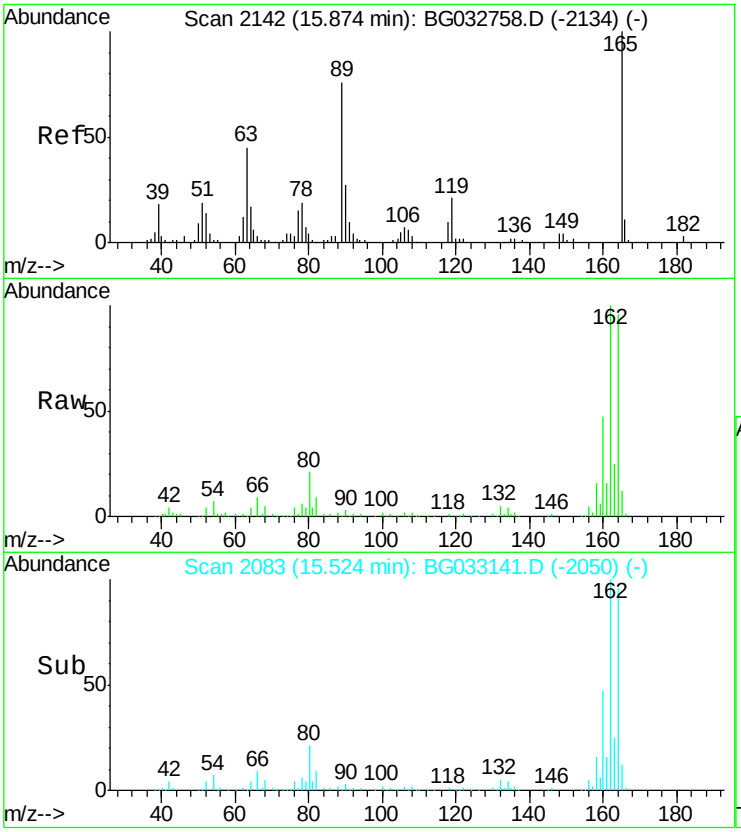


#50
2,6-Dinitrotoluene
Concen: 16.400 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:165 Resp: 14119

Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	1.8	49.2	73.8#



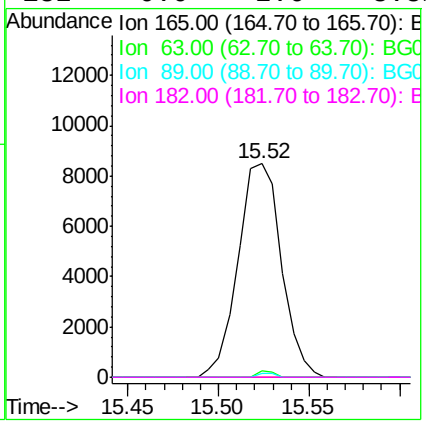


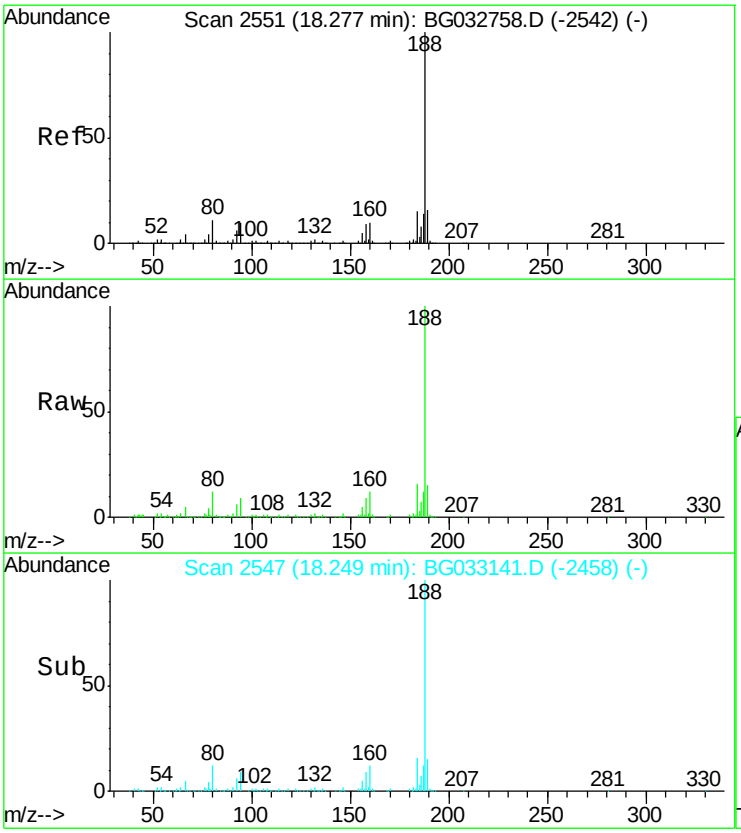
#56
2,4-Dinitrotoluene
Concen: 14.598 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.34 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14119

Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

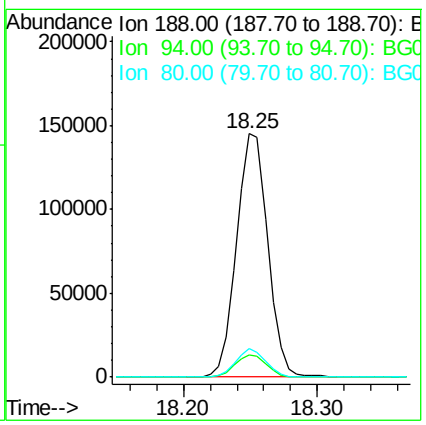


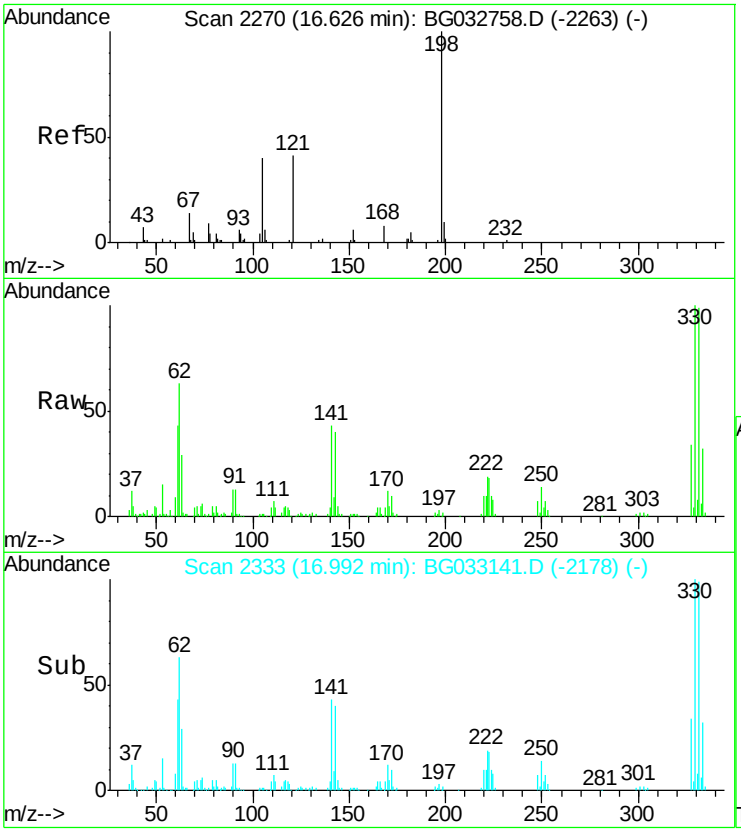


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:188 Resp: 233894

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	11.9	7.7	11.5#



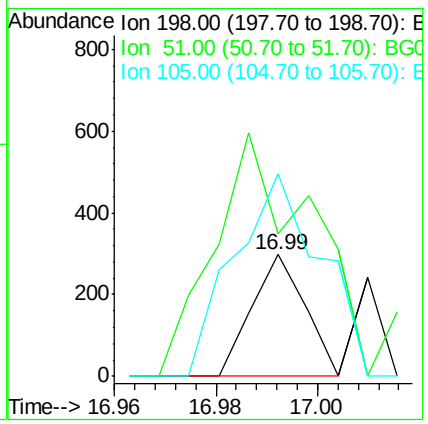


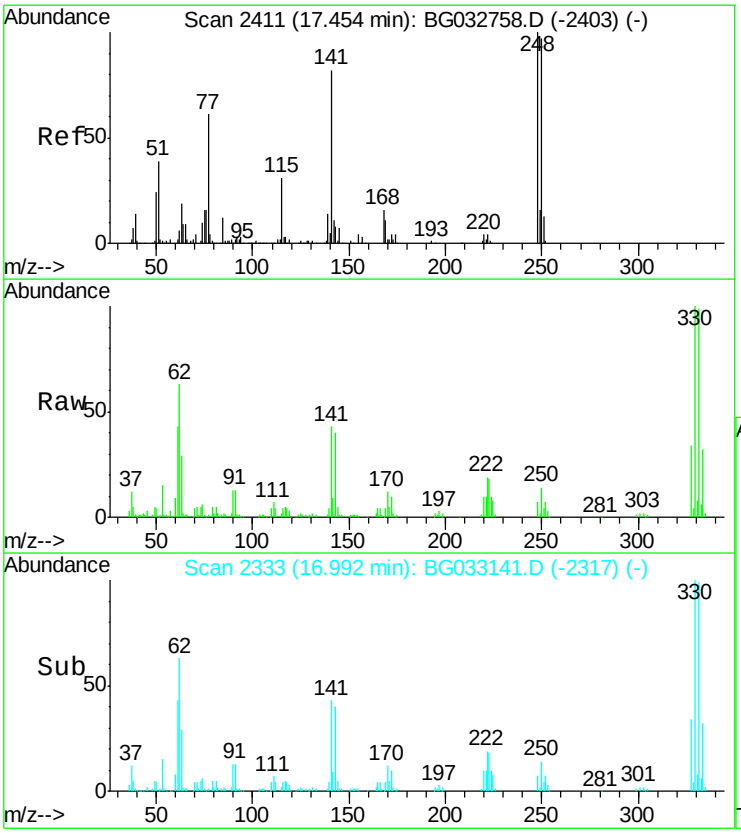
#64
4,6-Dinitro-2-methylphenol
Concen: 5.338 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 214

Ion	Ratio	Lower	Upper
198	100		
51	117.4	30.6	70.6#
105	166.8	23.8	63.8#

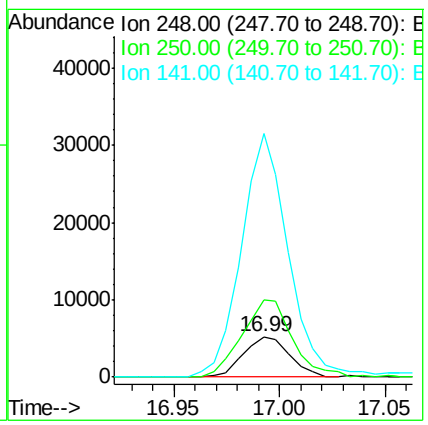


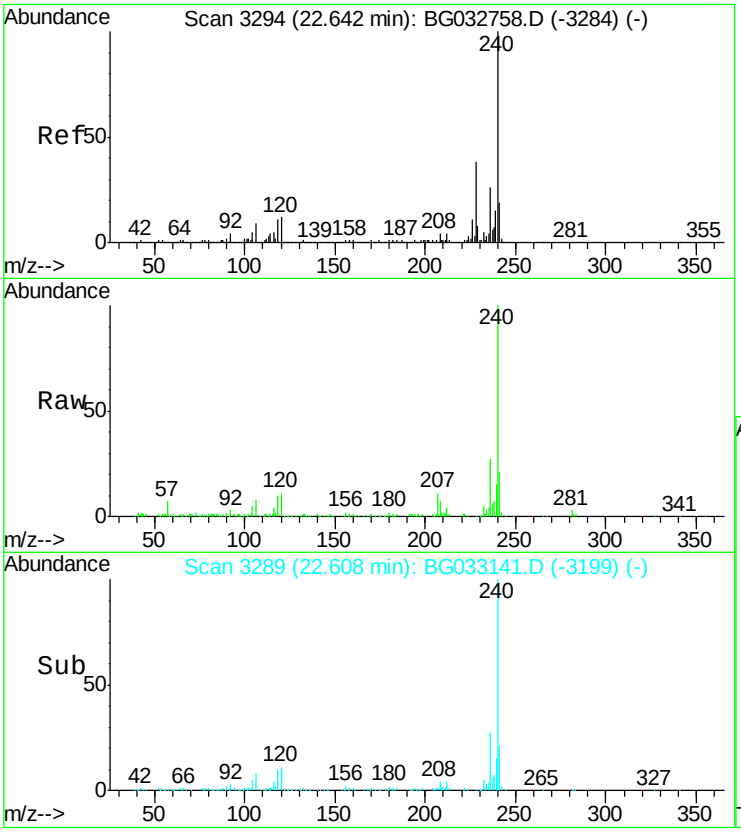


#66
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:248 Resp: 7919

Ion	Ratio	Lower	Upper
248	100		
250	188.7	77.1	115.7#
141	597.8	50.8	76.2#



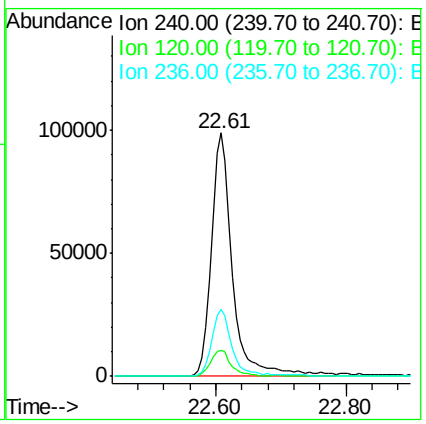


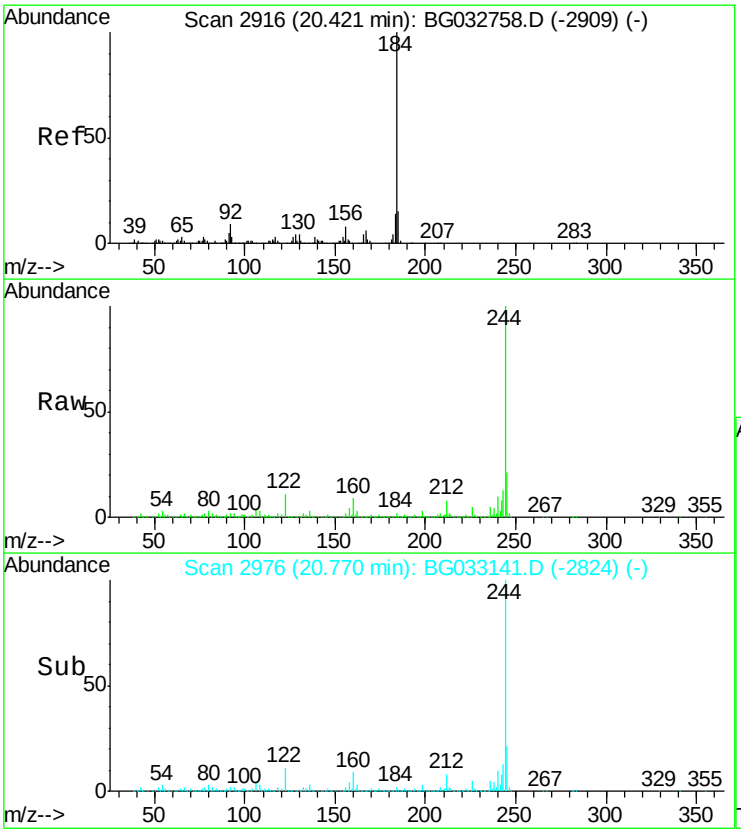
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 221105

Ion	Ratio	Lower	Upper
240	100		
120	10.6	6.8	10.2#
236	27.5	20.9	31.3

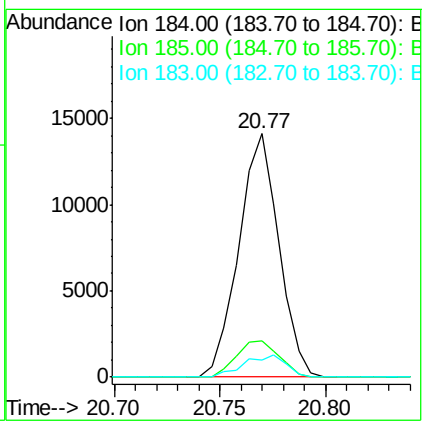


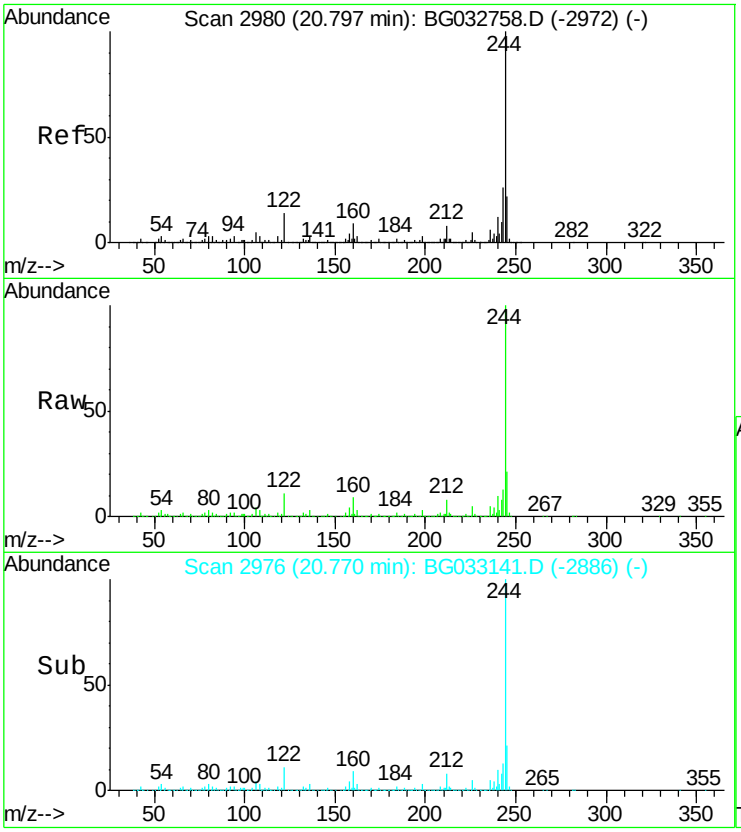


#76
Benzidine
Concen: 2.458 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.36 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:184 Resp: 18525

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.1	16.7
183	7.2	10.6	16.0#



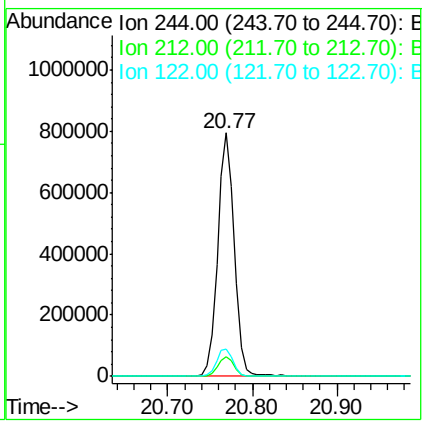


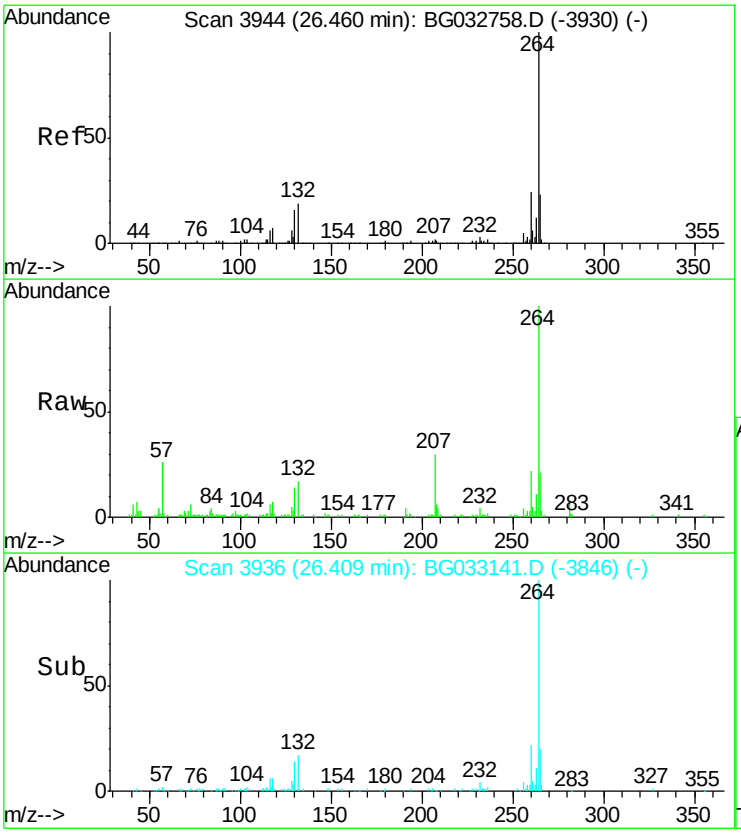
#78
Terphenyl-d14
Concen: 110.465 ng
RT: 20.77 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1087107

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	11.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. -0.00 min
Lab File: BG033141.D
Acq: 14 Mar 2018 7:52

Tgt Ion:264 Resp: 192151

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	21.0	17.7	26.5