Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033641.D
Acq On : 6 Apr 2018 23:12
Operator : SJ/JU
Sample : J2232-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 07 00:53:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	35150	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	165450	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	128571	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310572	20.00	ng	0.00
75) Chrysene-d12	22.56	240	313381	20.00	ng	0.00
86) Perylene-d12	26.33	264	289644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	325112	173.44	ng	0.00
7) Phenol-d6	7.97	99	447630	138.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	351934	97.73	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234766	122.09	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	889906	99.92	ng	0.00
78) Terphenyl-d14	20.73	244	1504298	102.66	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	6145	2.423	ng	# 57
19) n-Nitroso-di-n-propylamine	10.06	70	47886	20.290	ng	# 77
56) 2,4-Dinitrotoluene	15.48	165	16457	4.885	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	19067	5.228	ng	# 1
76) Benzidine	20.73	184	26938	3.170	ng	# 95

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

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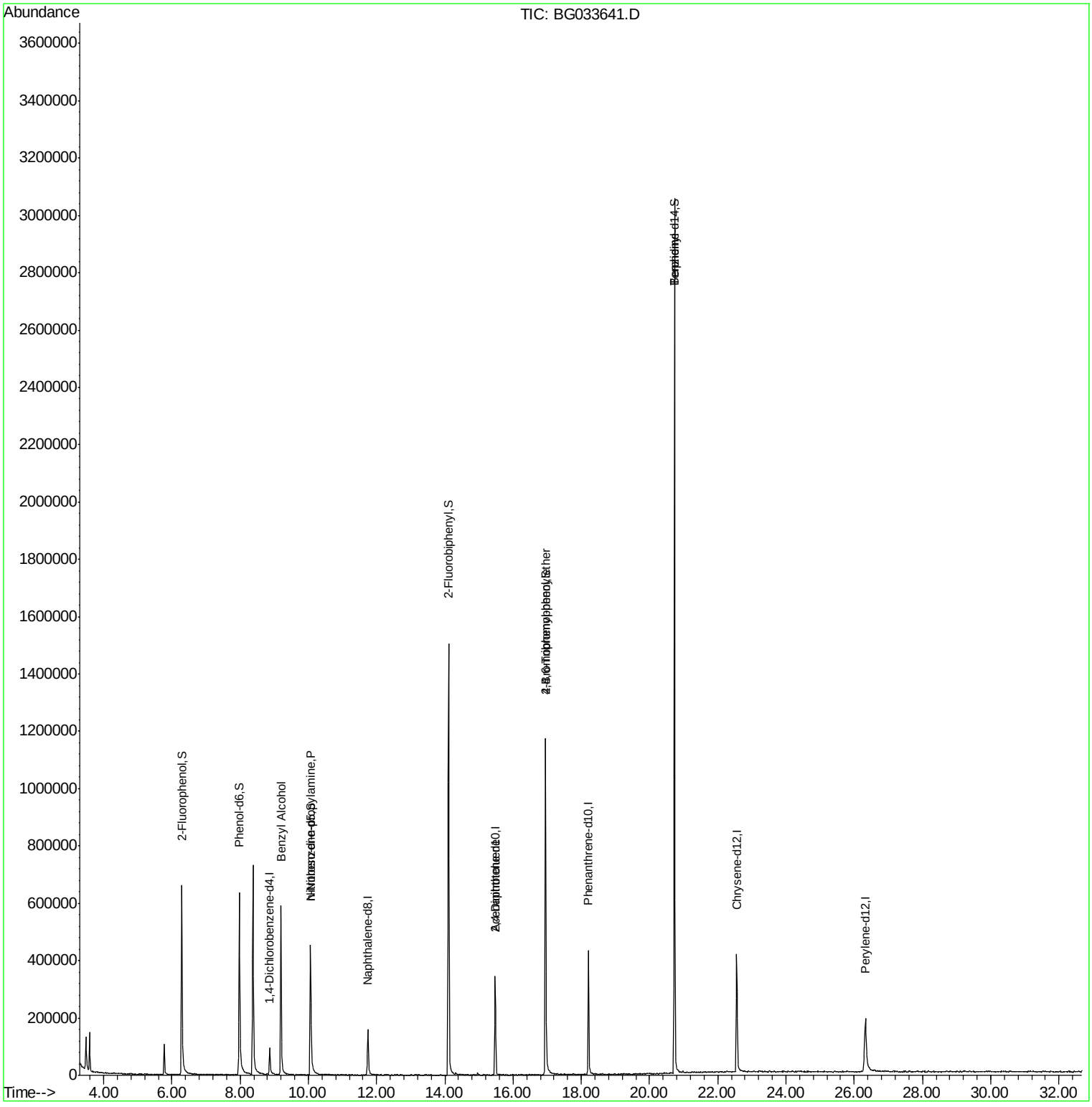
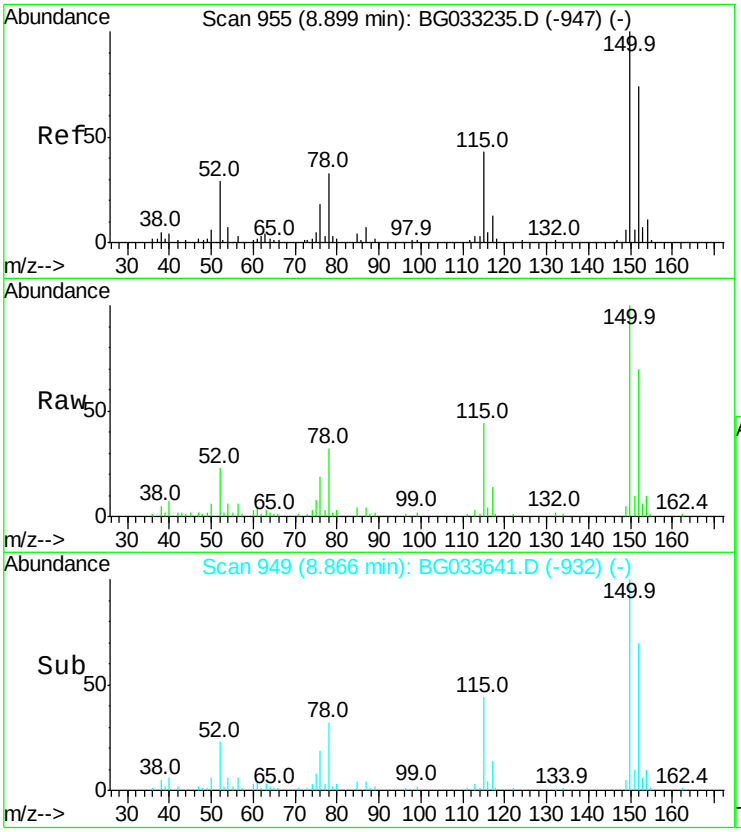


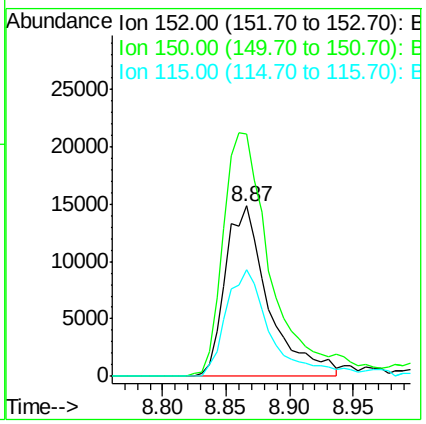


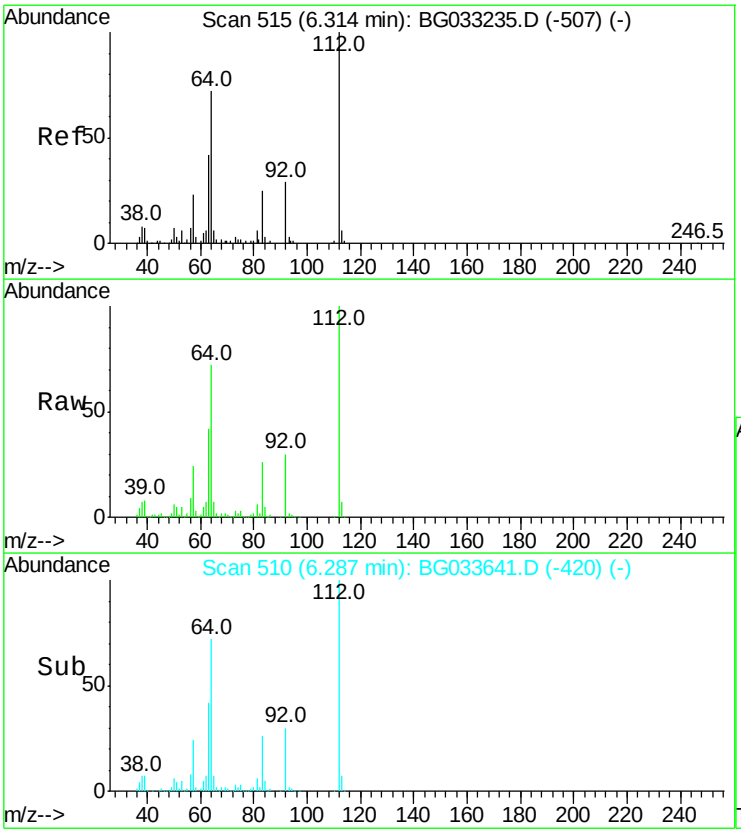
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35150

Ion	Ratio	Lower	Upper
152	100		
150	142.1	126.6	189.8
115	62.6	53.0	79.4

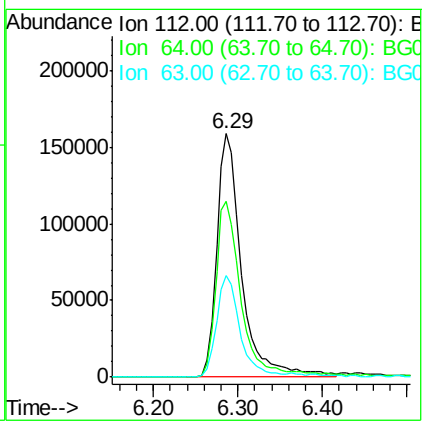


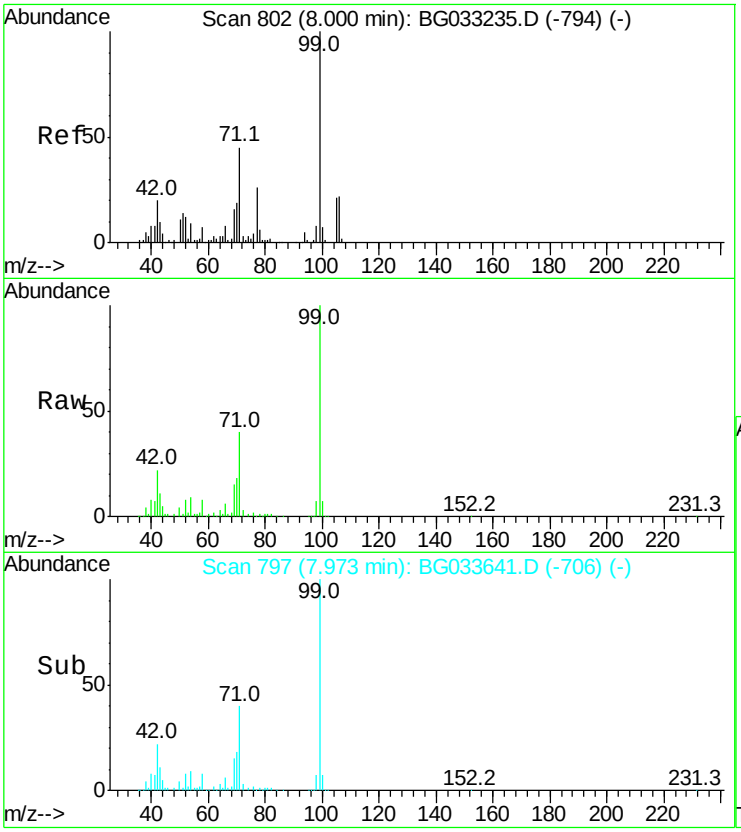


#5
2-Fluorophenol
Concen: 173.435 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:112 Resp: 325112

Ion	Ratio	Lower	Upper
112	100		
64	72.5	56.3	84.5
63	41.5	30.1	45.1



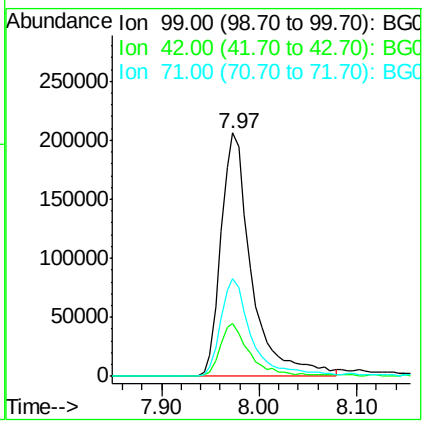


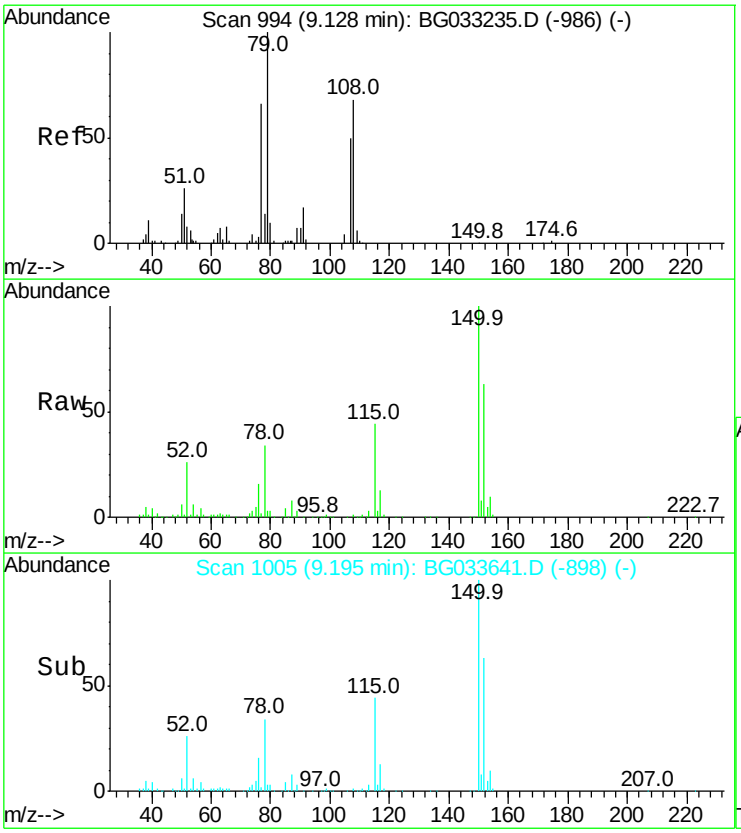
#7
Phenol-d6
Concen: 138.979 ng
RT: 7.97 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 447630

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.1	21.1#
71	40.2	26.1	39.1#

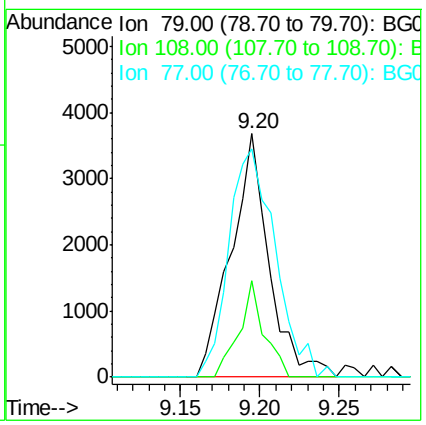


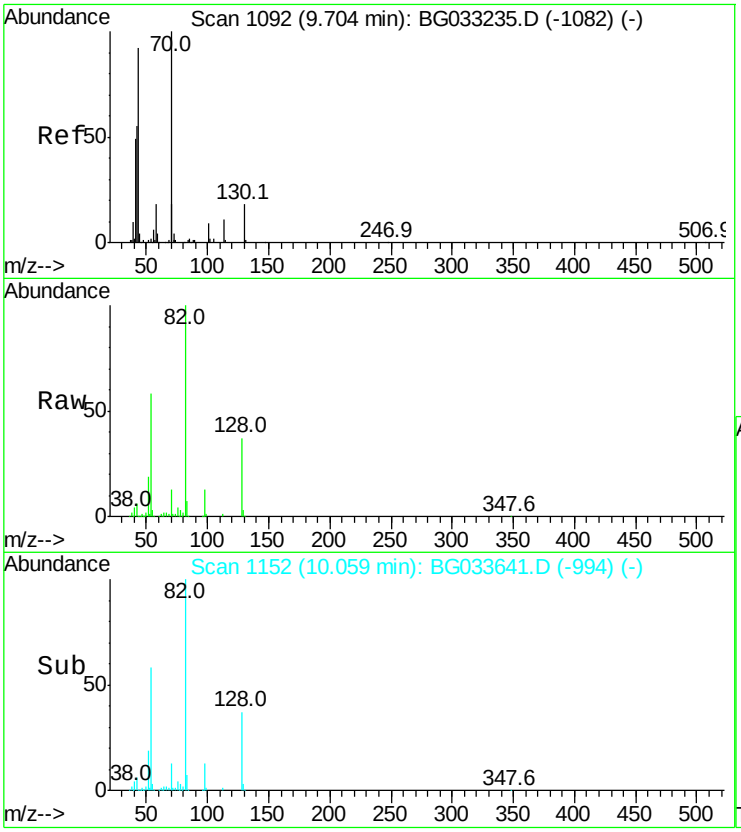


#15
Benzyl Alcohol
Concen: 2.423 ng
RT: 9.20 min Scan# 1005
Delta R.T. 0.10 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion: 79 Resp: 6145

Ion	Ratio	Lower	Upper
79	100		
108	39.5	57.2	85.8#
77	93.8	46.1	69.1#



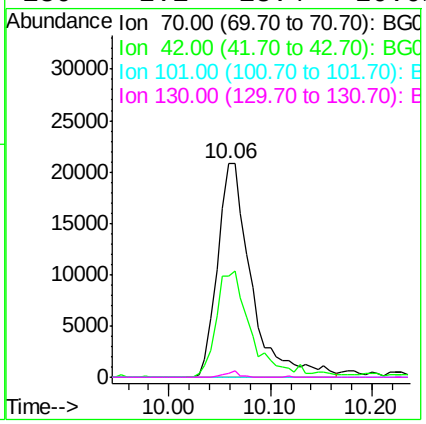


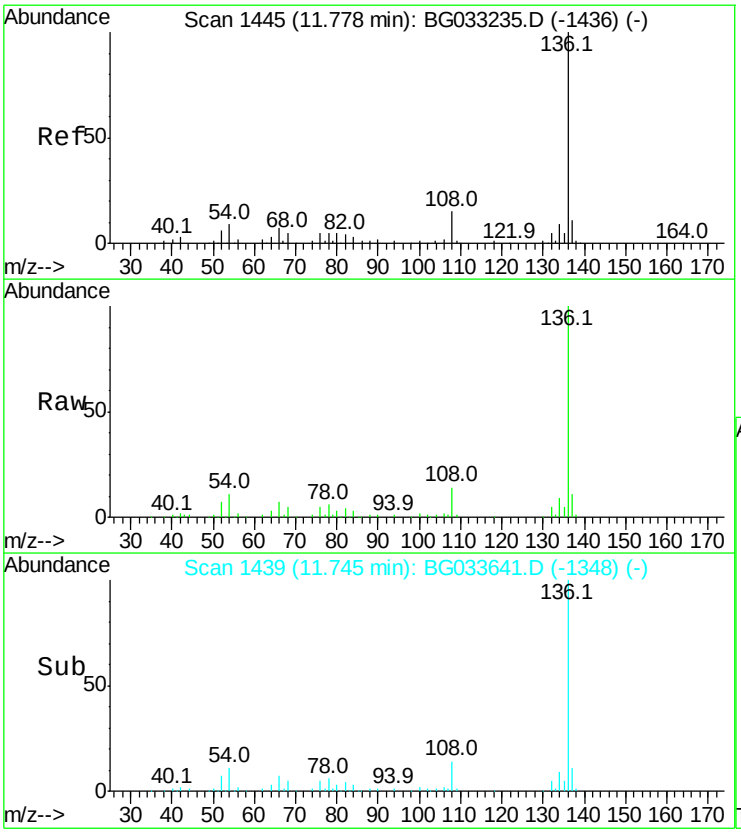
#19
n-Nitroso-di-n-propylamine
Concen: 20.290 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 47886

Ion	Ratio	Lower	Upper
70	100		
42	47.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

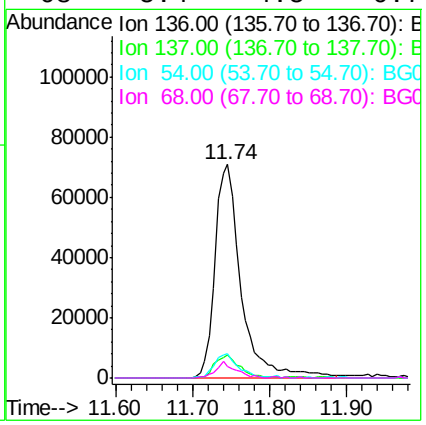


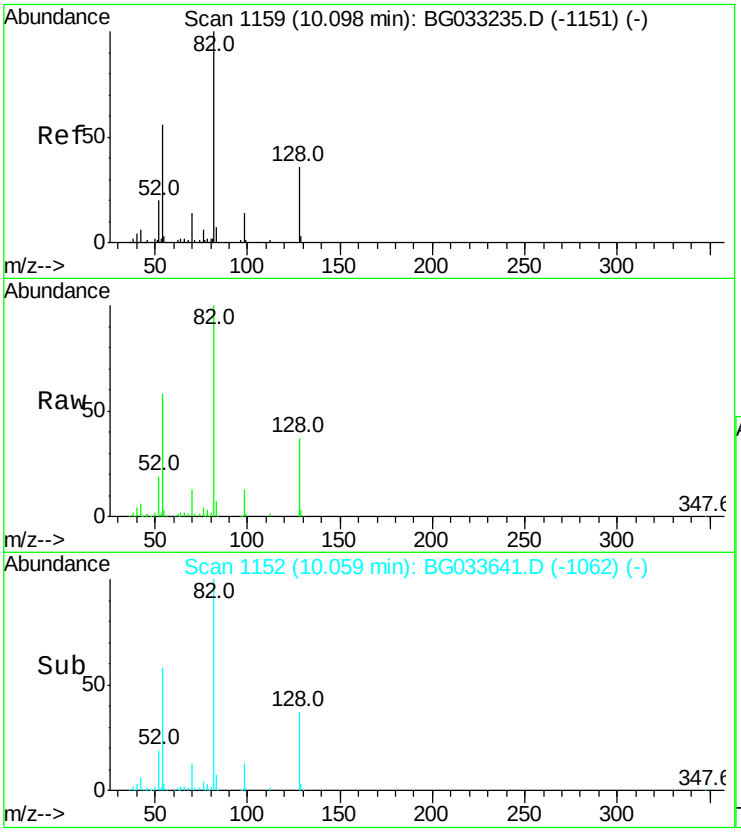


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:136 Resp: 165450

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	11.2	10.3	15.5
68	5.4	4.5	6.7



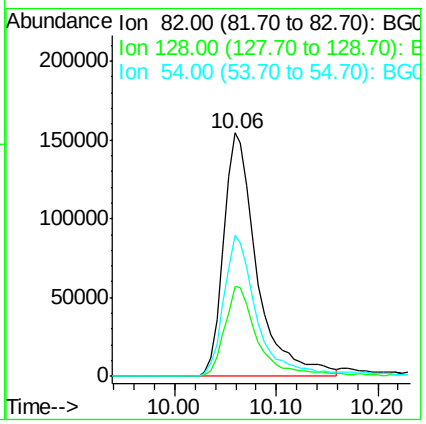


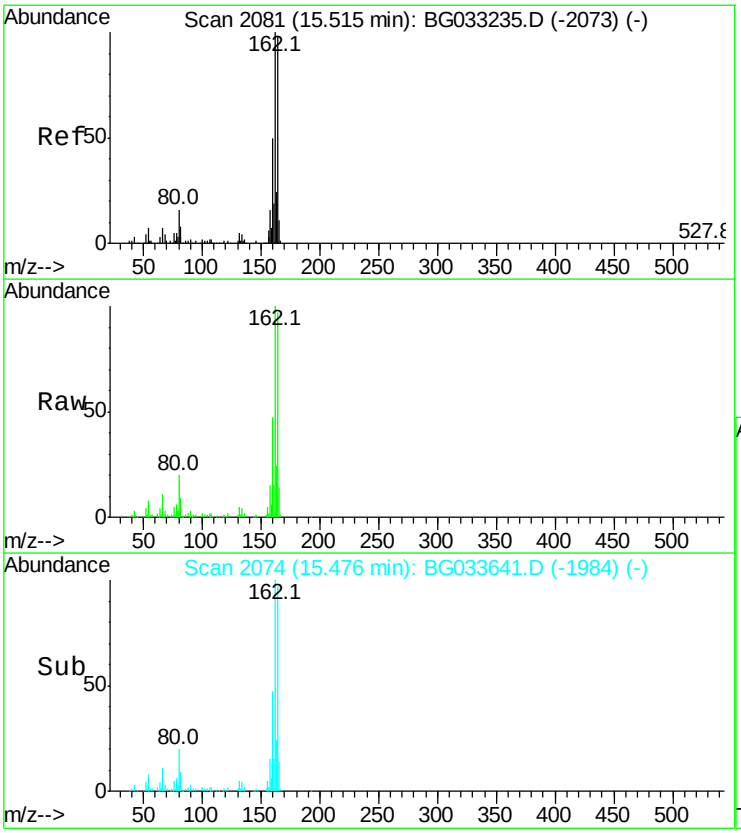
#23
Nitrobenzene-d5
Concen: 97.729 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 351934

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.7	44.5
54	58.2	43.1	64.7

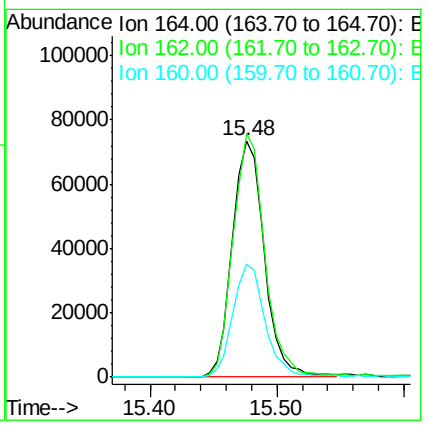


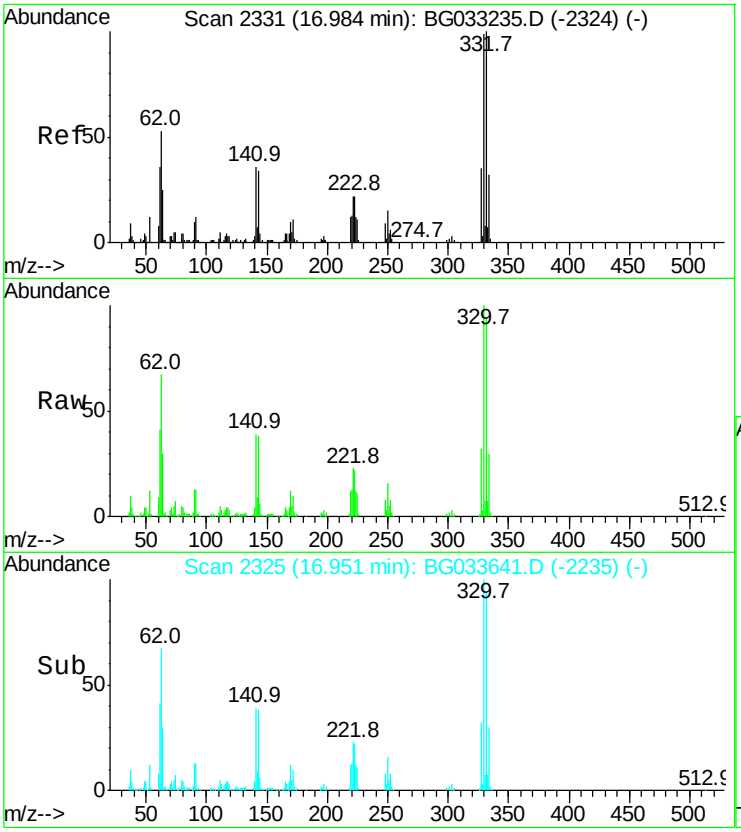


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:164 Resp: 128571

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	48.0	35.4	53.0



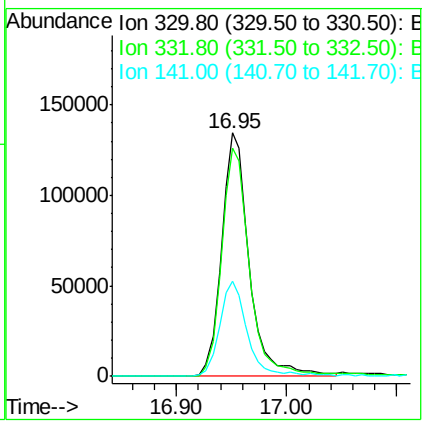


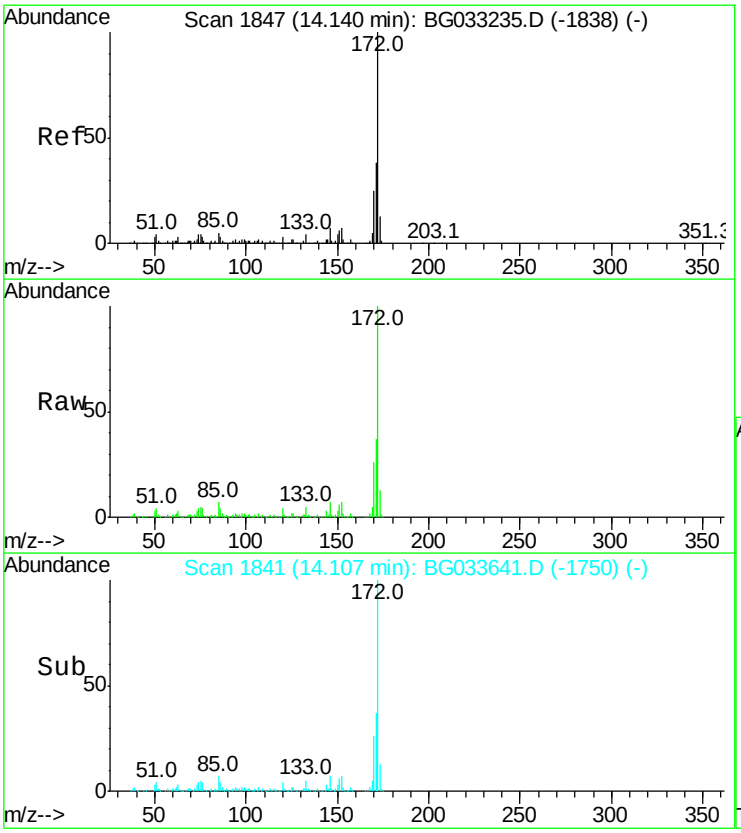
#41
2,4,6-Tribromophenol
Concen: 122.088 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 234766

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	38.3	25.2	37.8#

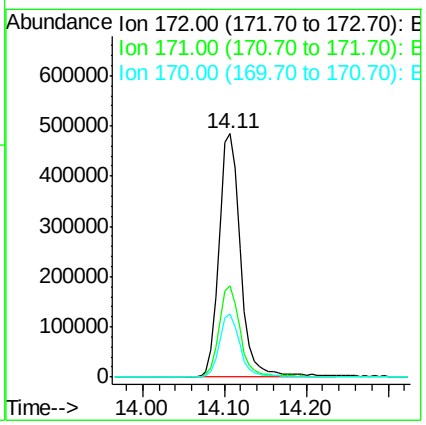


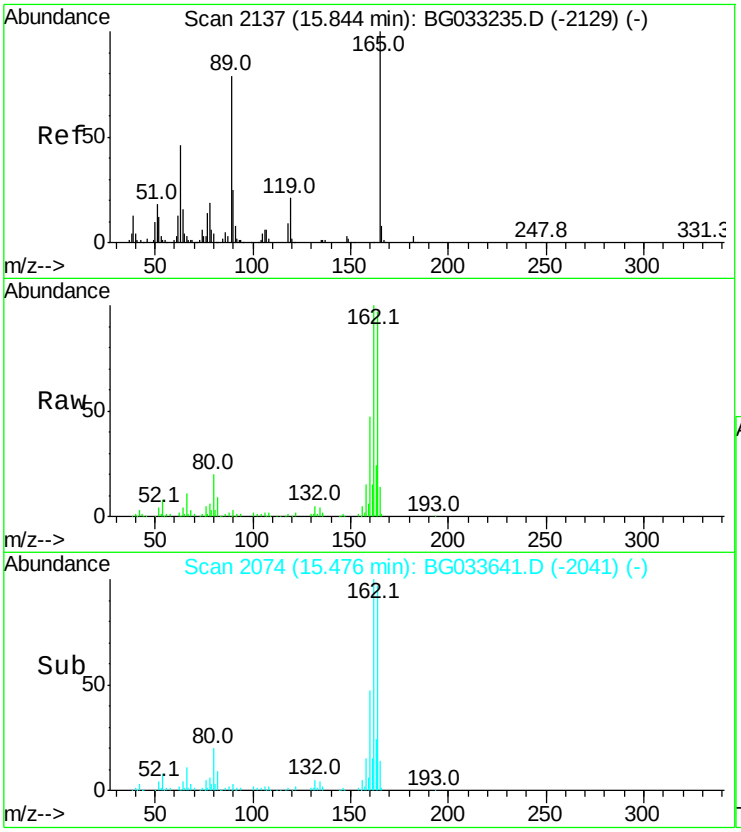


#44
2-Fluorobiphenyl
Concen: 99.921 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:172 Resp: 889906

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.7	19.5	29.3



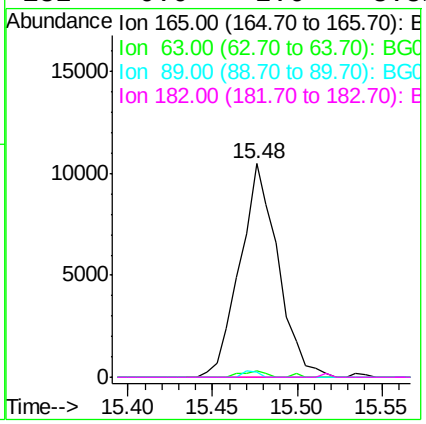


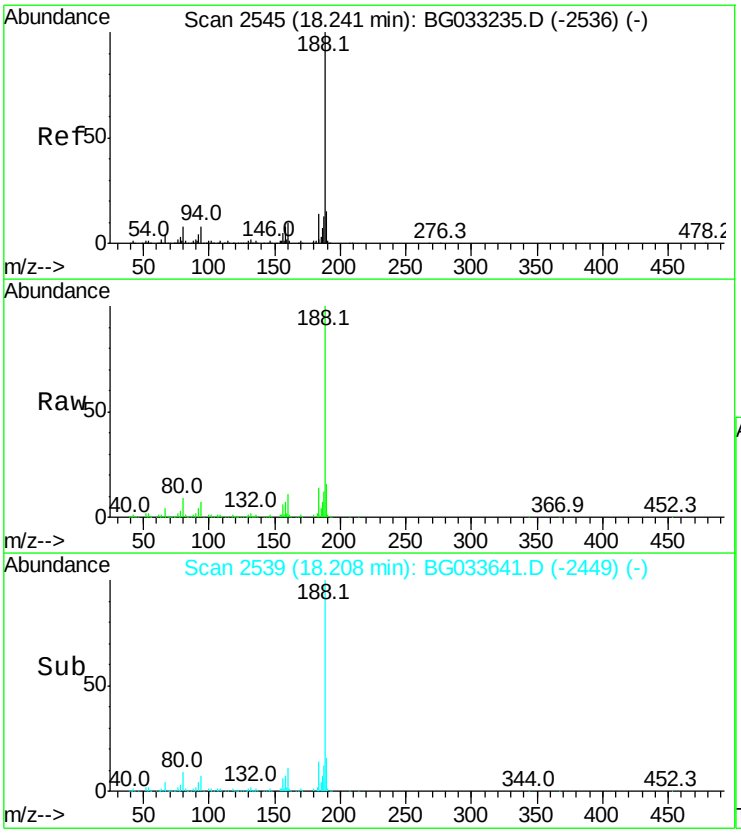
#56
2,4-Dinitrotoluene
Concen: 4.885 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16457

Ion	Ratio	Lower	Upper
165	100		
63	3.2	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

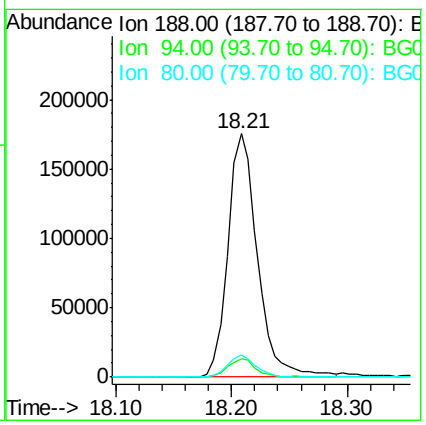


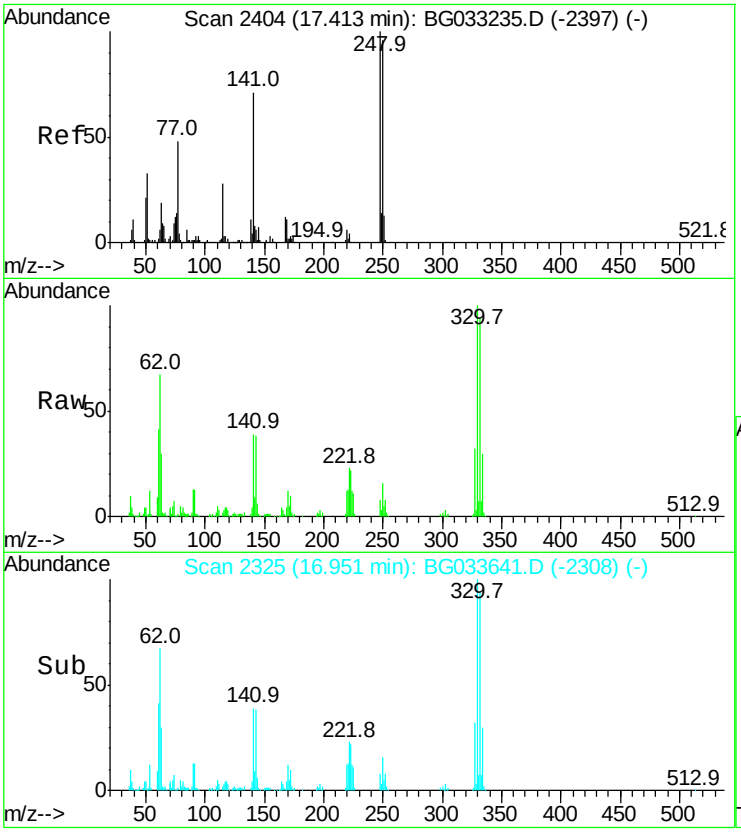


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:188 Resp: 310572

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.3	7.7	11.5



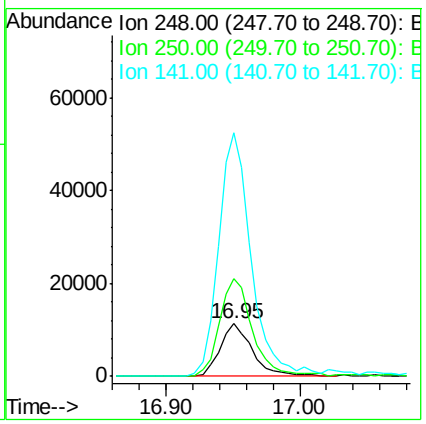


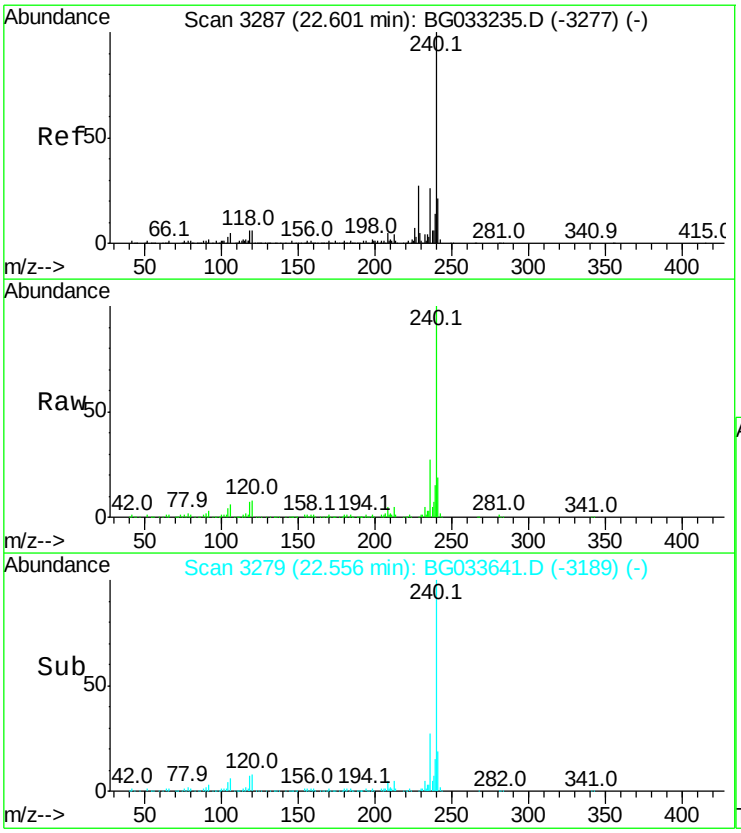
#66
4-Bromophenyl-phenylether
Concen: 5.228 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19067

Ion	Ratio	Lower	Upper
248	100		
250	186.9	77.1	115.7#
141	465.5	50.8	76.2#

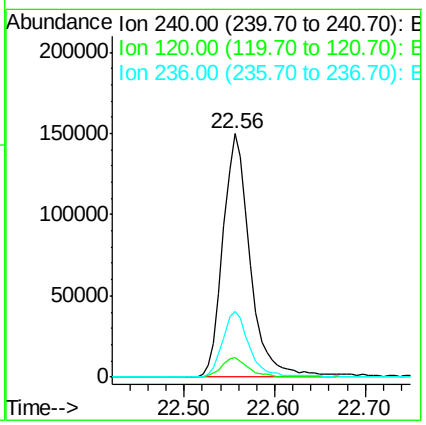


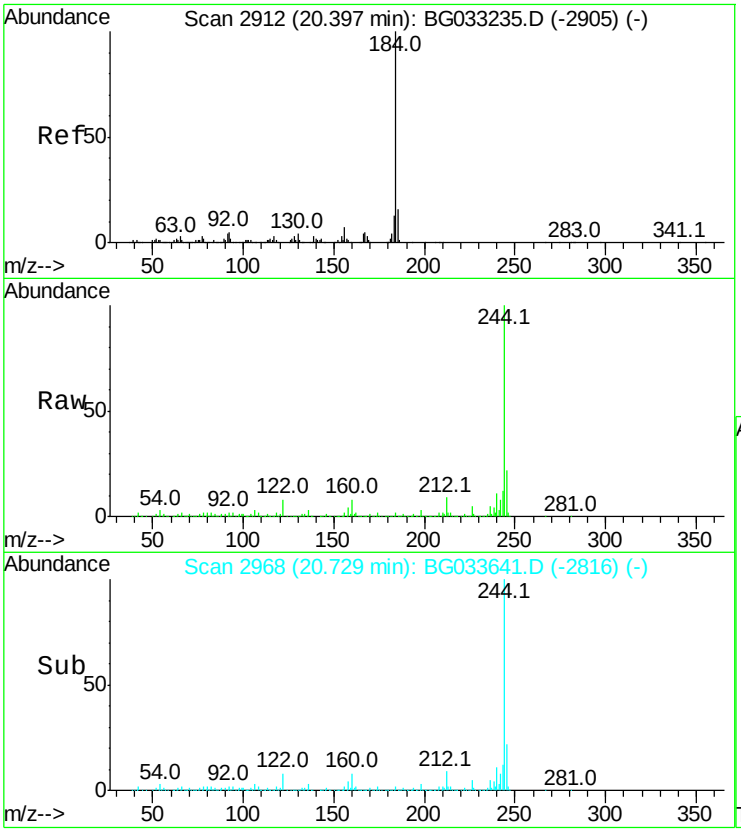


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:240 Resp: 313381

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	27.0	20.9	31.3



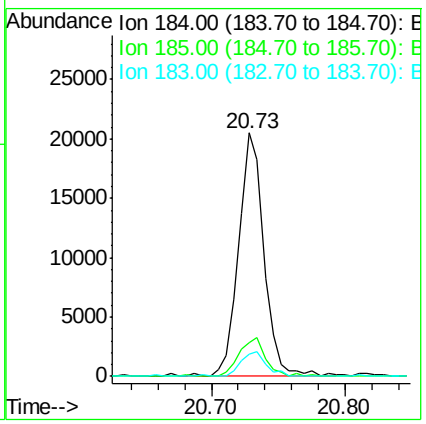


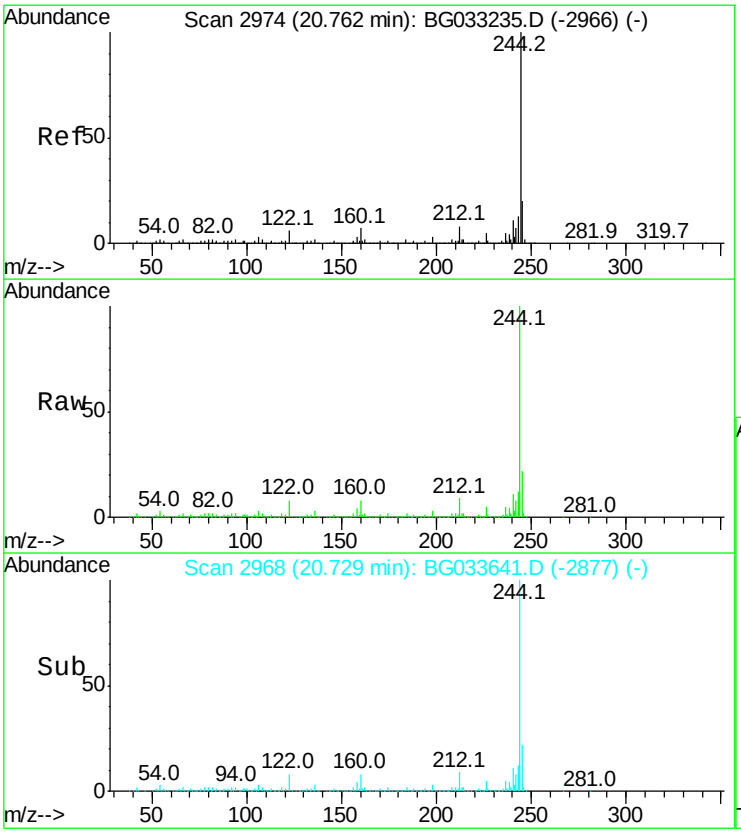
#76
Benzidine
Concen: 3.170 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26938

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.1	16.7
183	9.1	10.6	16.0#

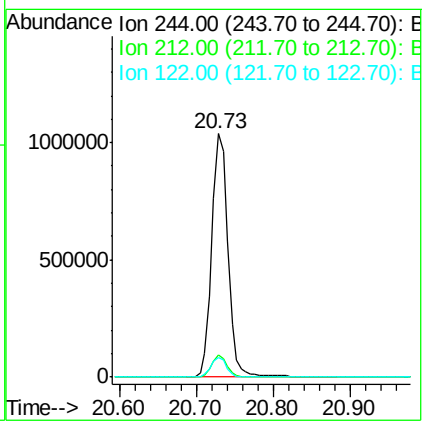


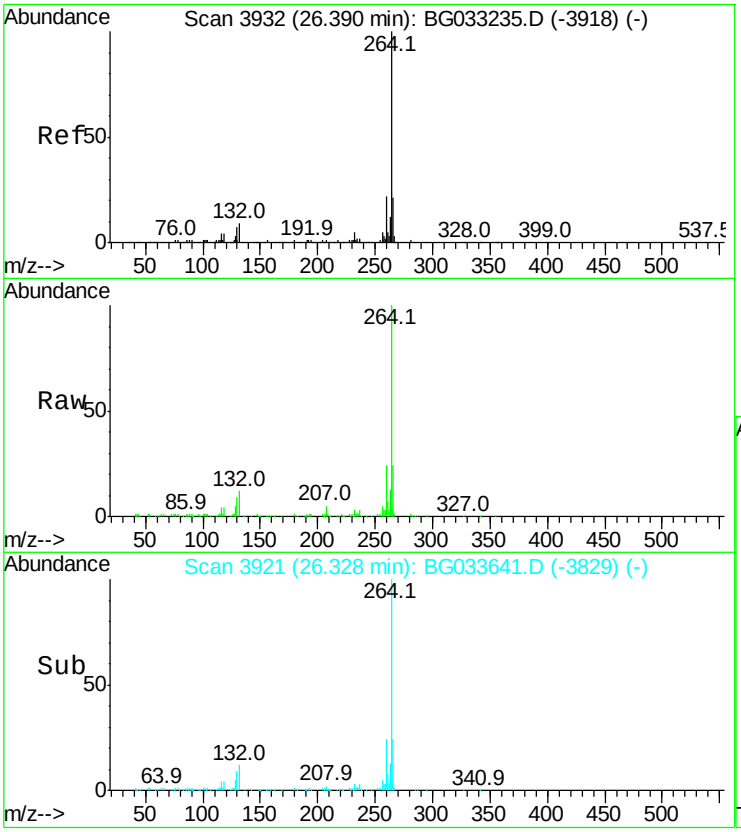


#78
Terphenyl-d14
Concen: 102.658 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Tgt Ion:244 Resp: 1504298

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	8.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033641.D
Acq: 6 Apr 2018 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 289644

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	23.9	17.7	26.5