Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032884.D
Acq On : 28 Feb 2018 10:17
Operator : SJ/JU
Sample : J1705-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 28 11:18:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	81210	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	351403	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	121677	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	412473	20.00	ng		0.00
75) Chrysene-d12	22.62	240	304065	20.00	ng		-0.01
86) Perylene-d12	26.43	264	47139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	690987	136.13	ng		0.00
7) Phenol-d6	8.01	99	647952	91.58	ng		0.00
23) Nitrobenzene-d5	10.12	82	597434	114.14	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	315898	246.91	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	1284873	152.30	ng		0.00
78) Terphenyl-d14	20.78	244	1678692	124.04	ng		0.00
Target Compounds							Qvalue
24) Nitrobenzene	10.12	77	1810	6.660	ng	#	37
31) Naphthalene	11.86	128	109349	5.955	ng		97
32) Benzoic acid	10.96	122	4743	7.530	ng	#	64
47) 2-Nitroaniline	14.16	65	2366	10.775	ng	#	1
50) 2,6-Dinitrotoluene	15.53	165	15415	16.242	ng	#	22
55) 4-Nitrophenol	15.93	139	675	7.444	ng	#	1
56) 2,4-Dinitrotoluene	15.53	165	15415	14.438	ng	#	20
61) 4-Nitroaniline	16.21	138	72	5.328	ng	#	12
64) 4,6-Dinitro-2-methylphenol	17.01	198	1079	6.058	ng	#	1
66) 4-Bromophenyl-phenylether	17.00	248	23196	5.318	ng	#	1
76) Benzidine	20.78	184	29681	2.864	ng	#	91

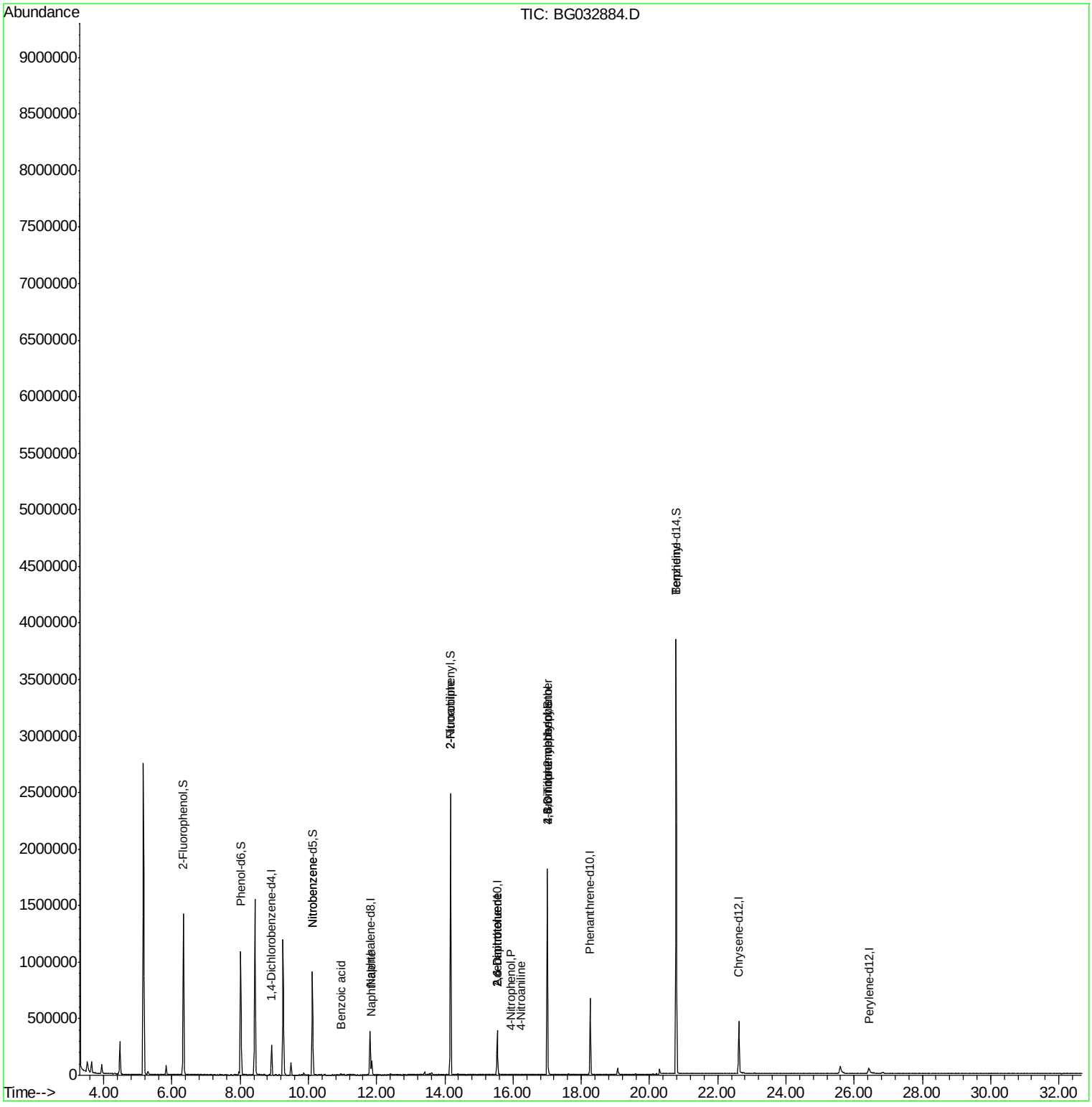
(#) = qualifier out of range (m) = manual integration (+) = signals summed

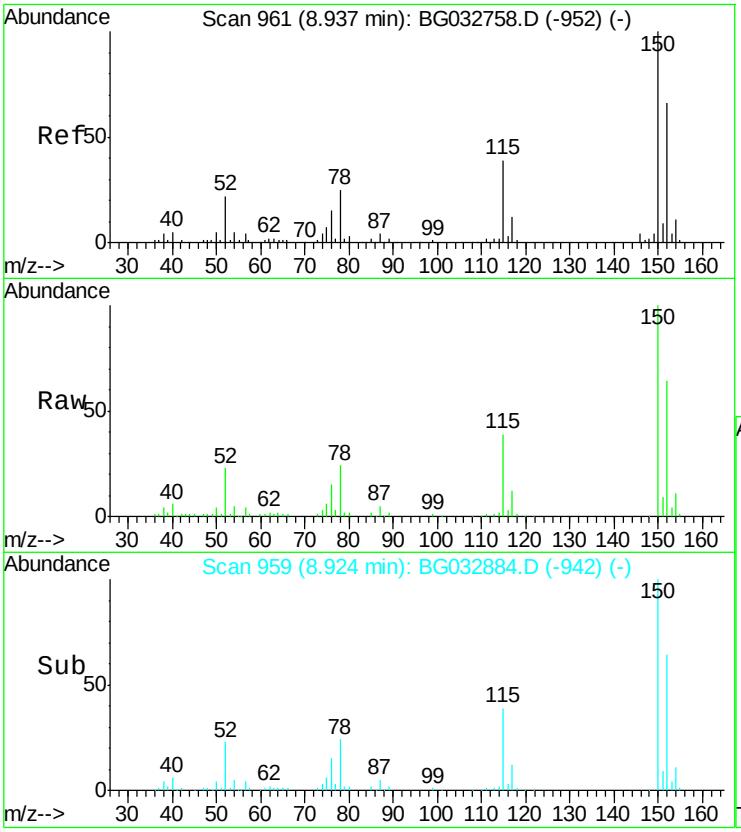
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032884.D
Acq On : 28 Feb 2018 10:17
Operator : SJ/JU
Sample : J1705-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 28 11:18:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



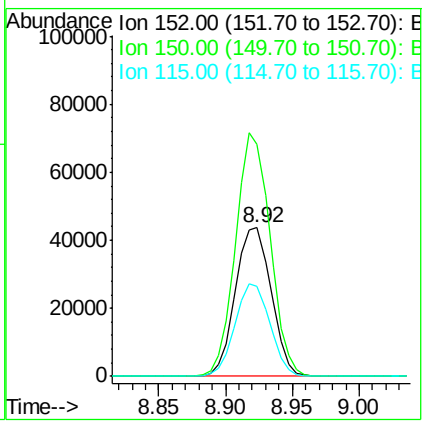


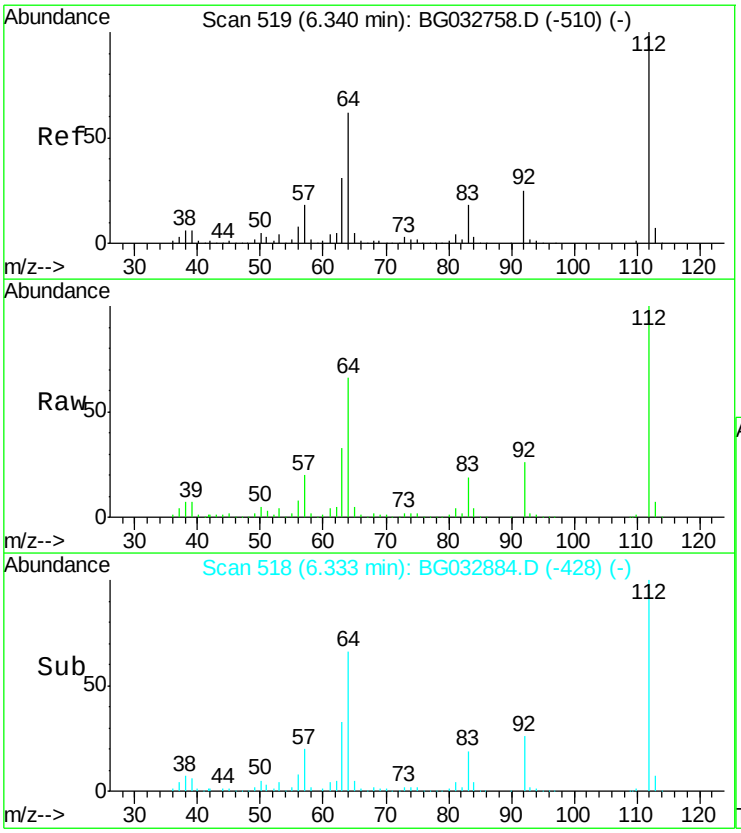
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 81210

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	60.4	53.0	79.4

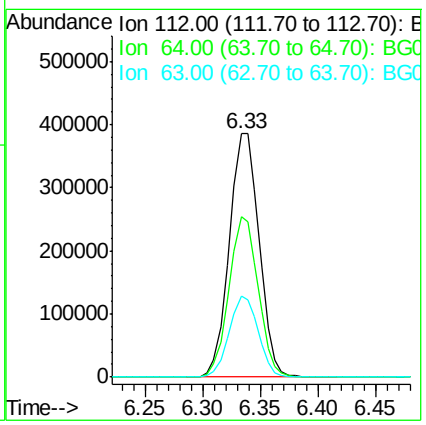


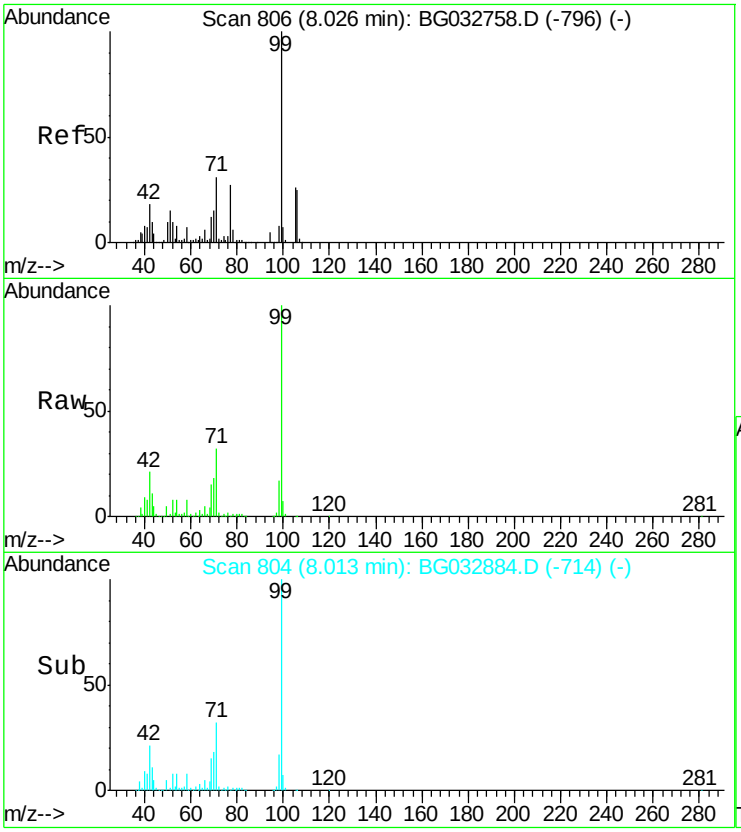


#5
2-Fluorophenol
Concen: 136.126 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:112 Resp: 690987

Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	33.2	30.1	45.1



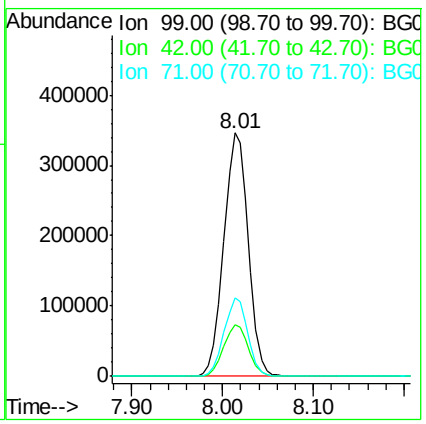


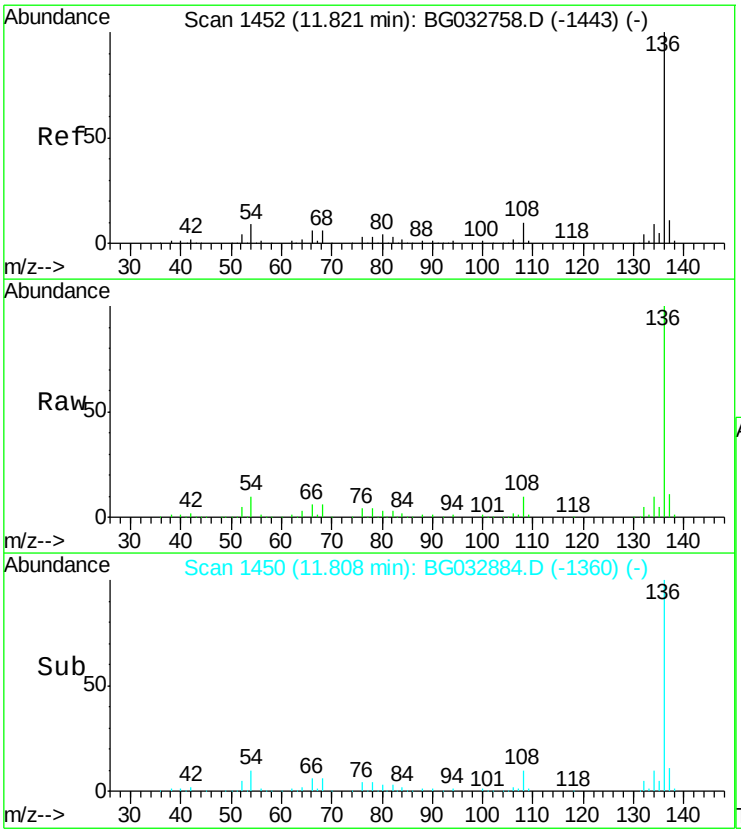
#7
Phenol-d6
Concen: 91.579 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 647952

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.1	21.1#
71	32.0	26.1	39.1

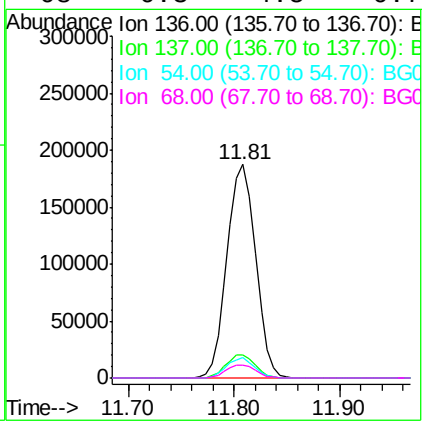


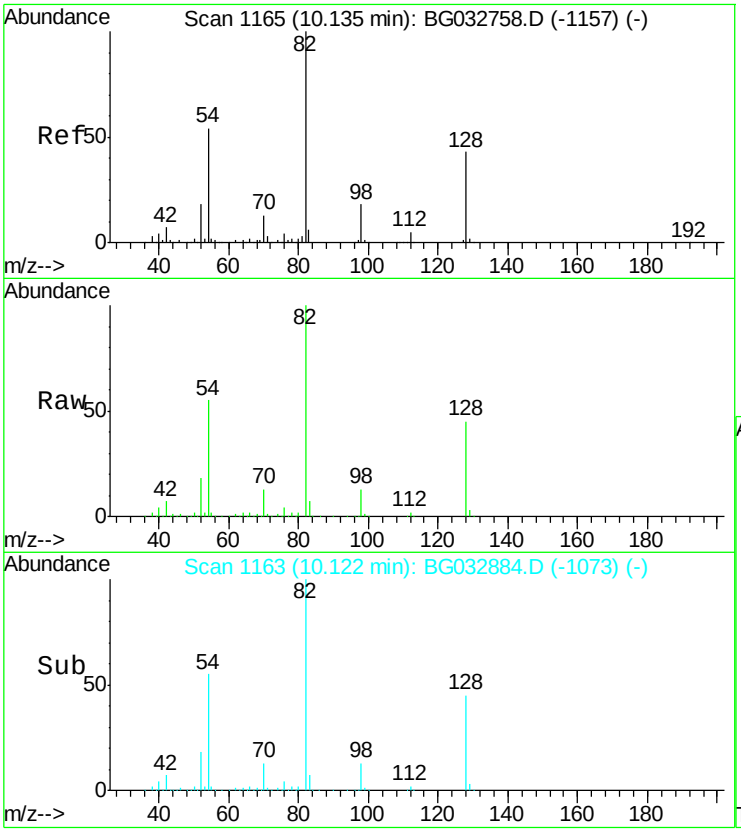


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:136 Resp: 351403

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.6	10.3	15.5#
68	6.3	4.5	6.7



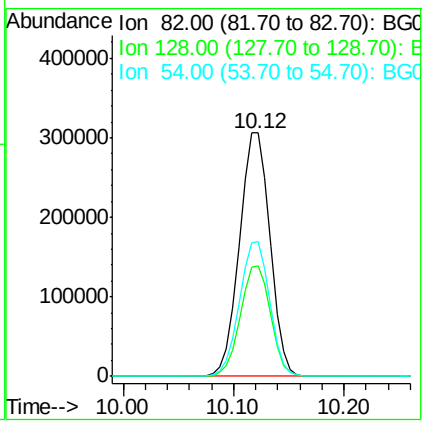


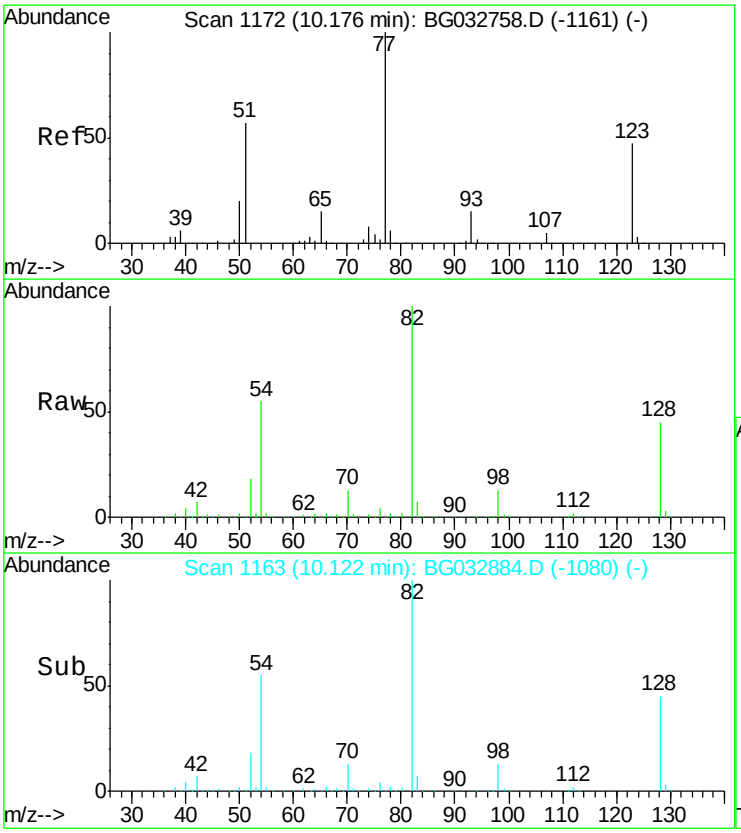
#23
Nitrobenzene-d5
Concen: 114.135 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 597434

Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	55.4	43.1	64.7

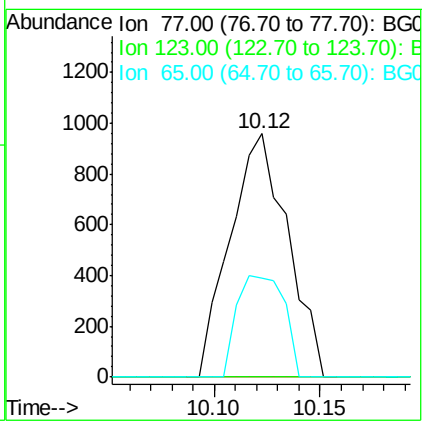


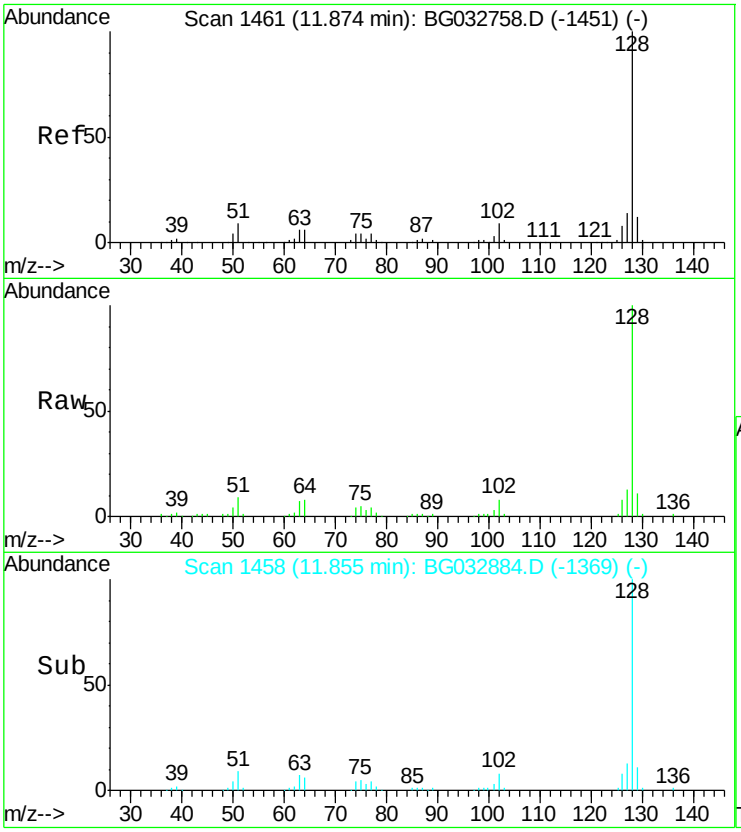


#24
Nitrobenzene
Concen: 6.660 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion: 77 Resp: 1810

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	40.8	13.0	19.6#



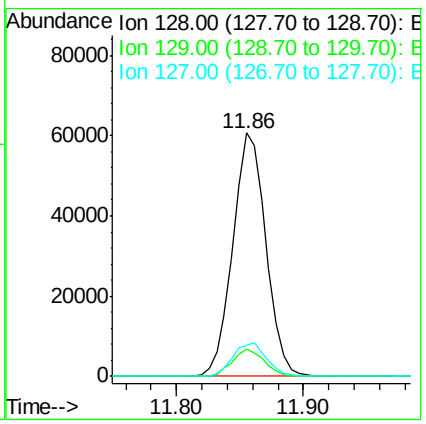


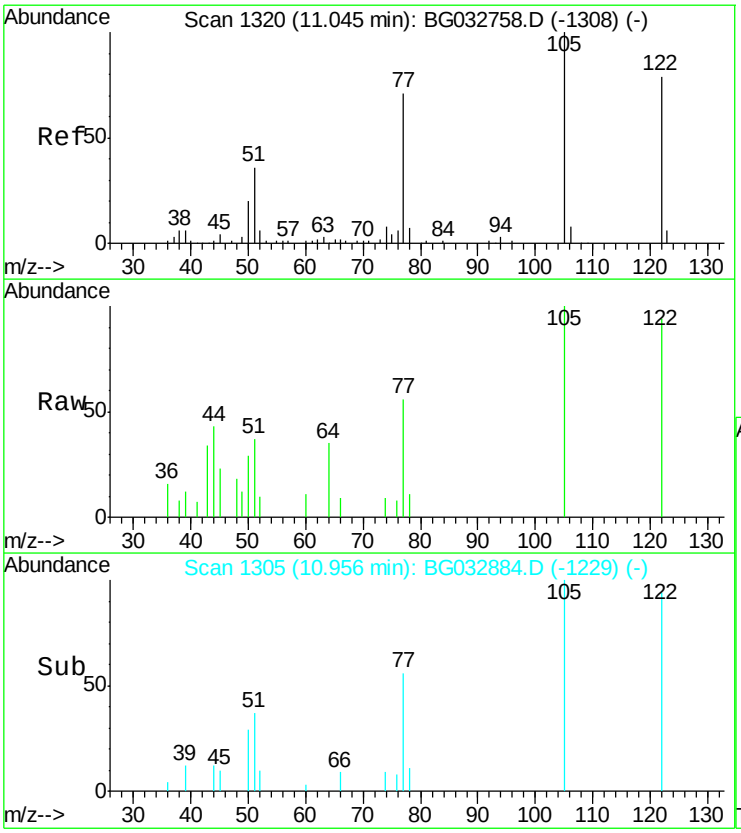
#31
Naphthalene
Concen: 5.955 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 109349

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.9	11.6	17.4

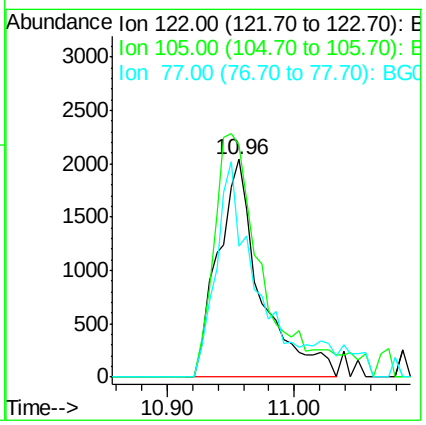


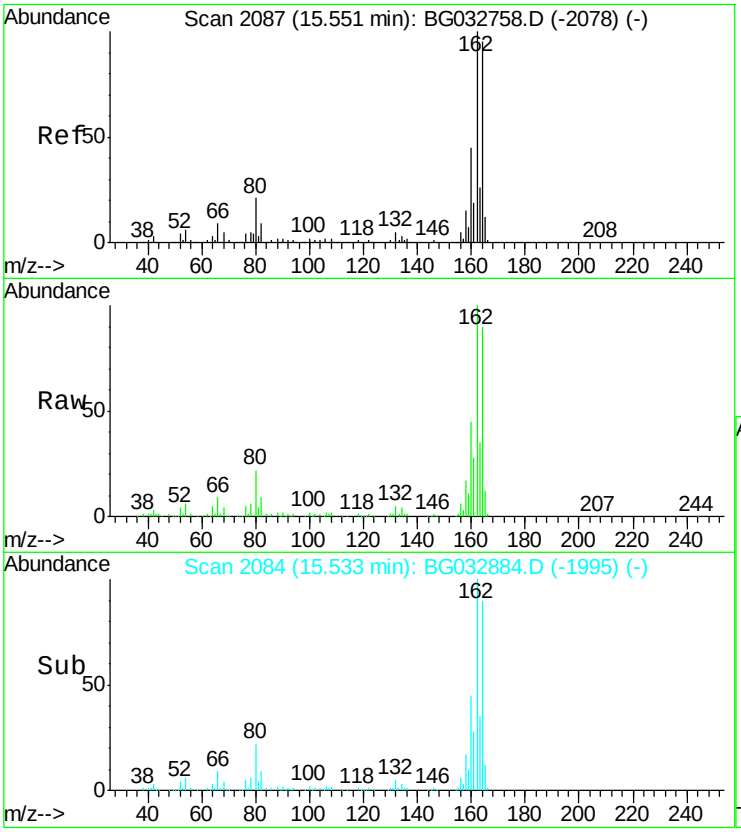


#32
Benzoic acid
Concen: 7.530 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.09 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:122 Resp: 4743

Ion	Ratio	Lower	Upper
122	100		
105	106.7	123.5	163.5#
77	60.3	85.7	125.7#



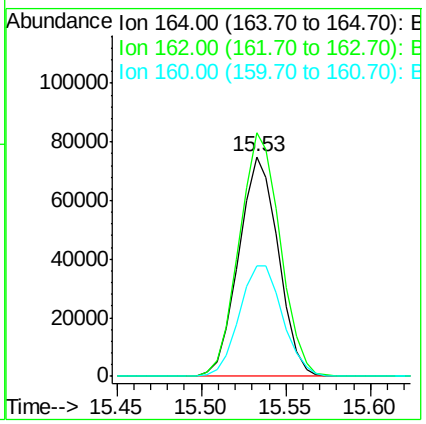


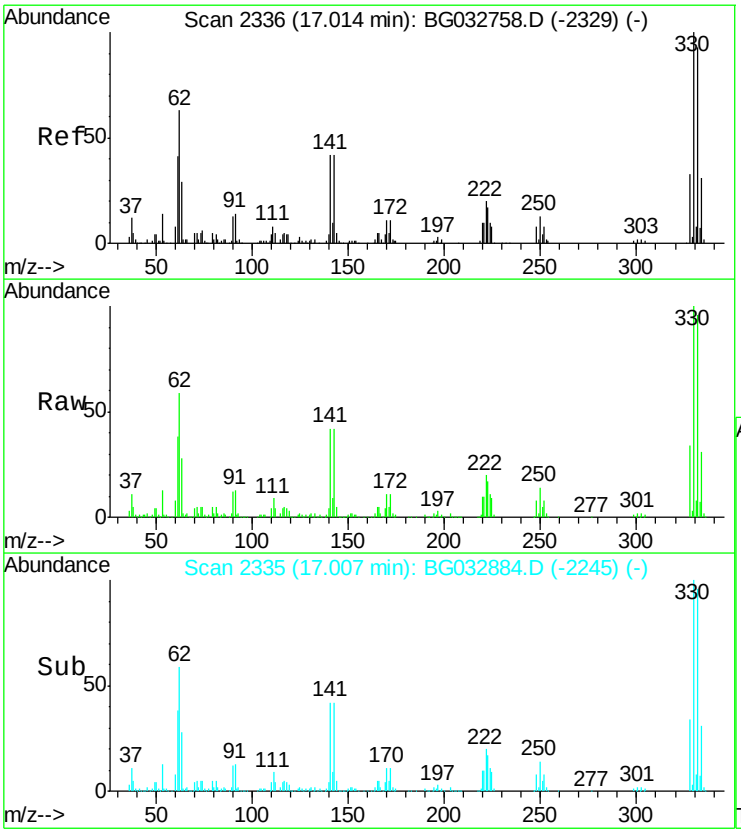
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 121677

Ion	Ratio	Lower	Upper
164	100		
162	110.9	78.8	118.2
160	50.1	35.4	53.0

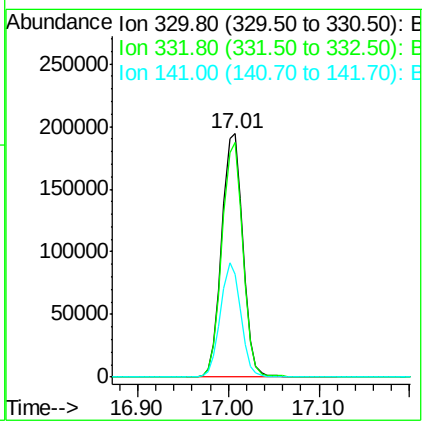


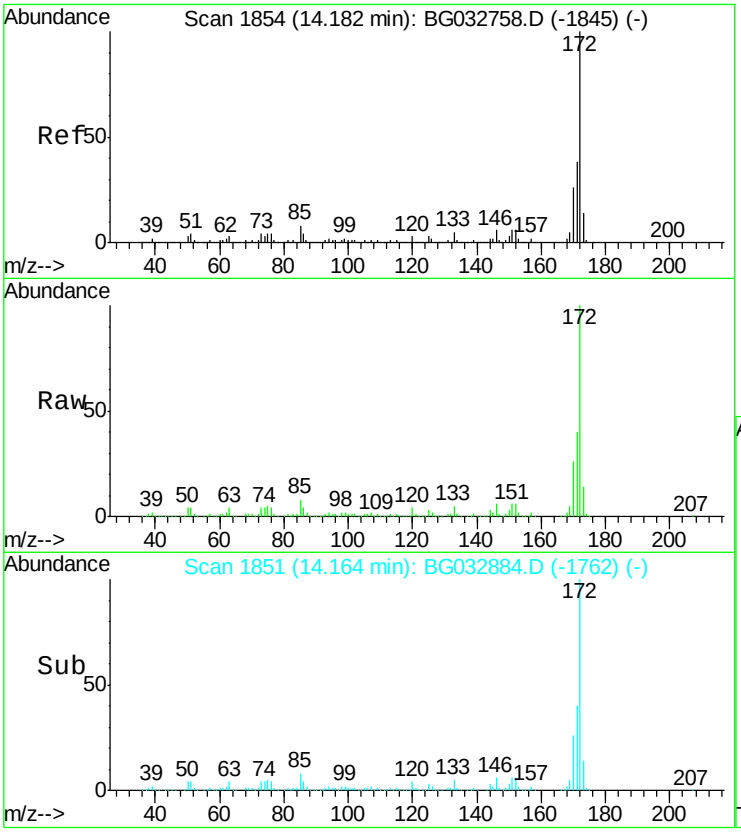


#41
2,4,6-Tribromophenol
Concen: 246.913 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:330 Resp: 315898

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	45.0	25.2	37.8#



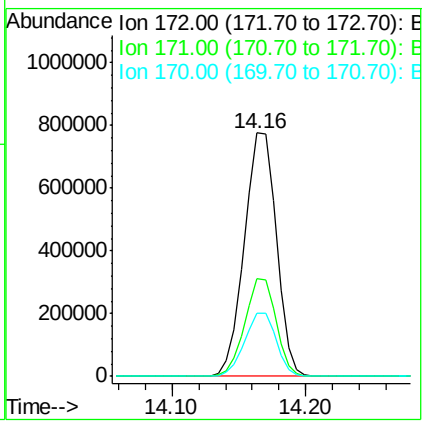


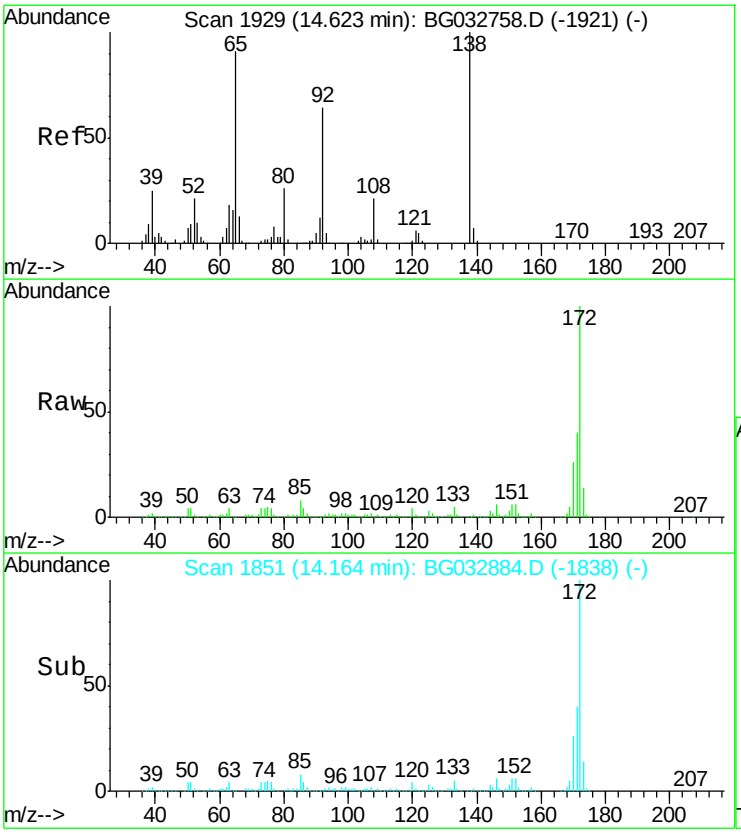
#44
2-Fluorobiphenyl
Concen: 152.298 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1284873

Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.0	45.0
170	25.9	19.5	29.3

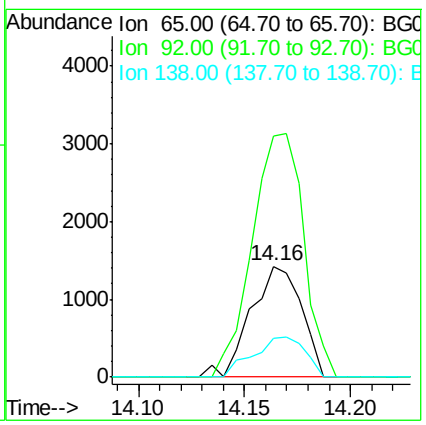


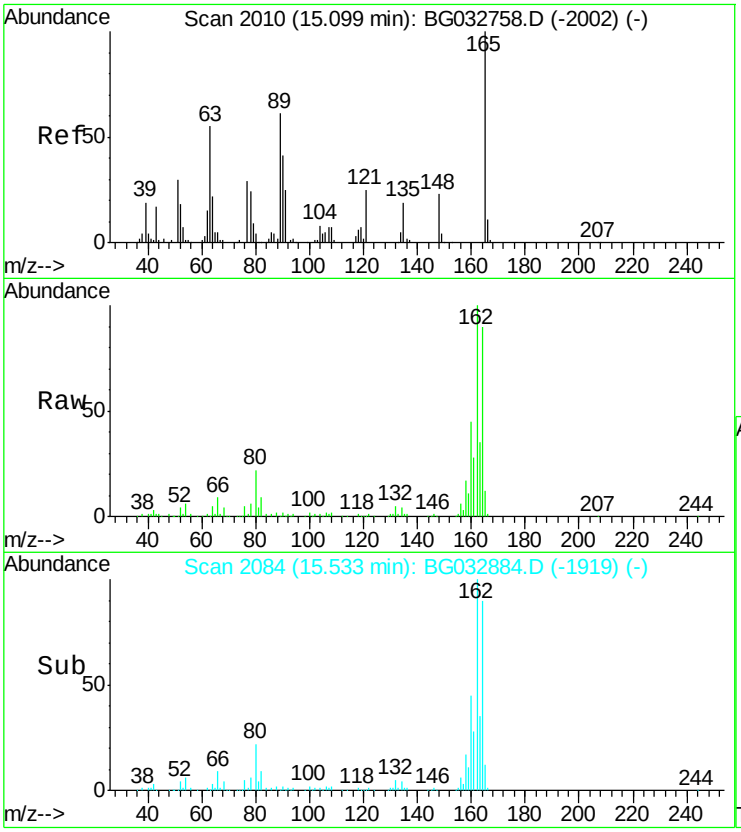


#47
2-Nitroaniline
Concen: 10.775 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.46 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion: 65 Resp: 2366

Ion	Ratio	Lower	Upper
65	100		
92	217.2	54.6	82.0#
138	34.7	72.9	109.3#



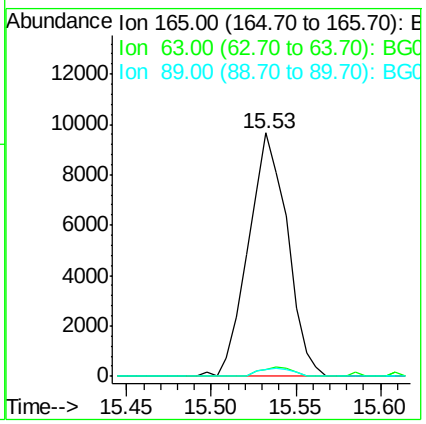


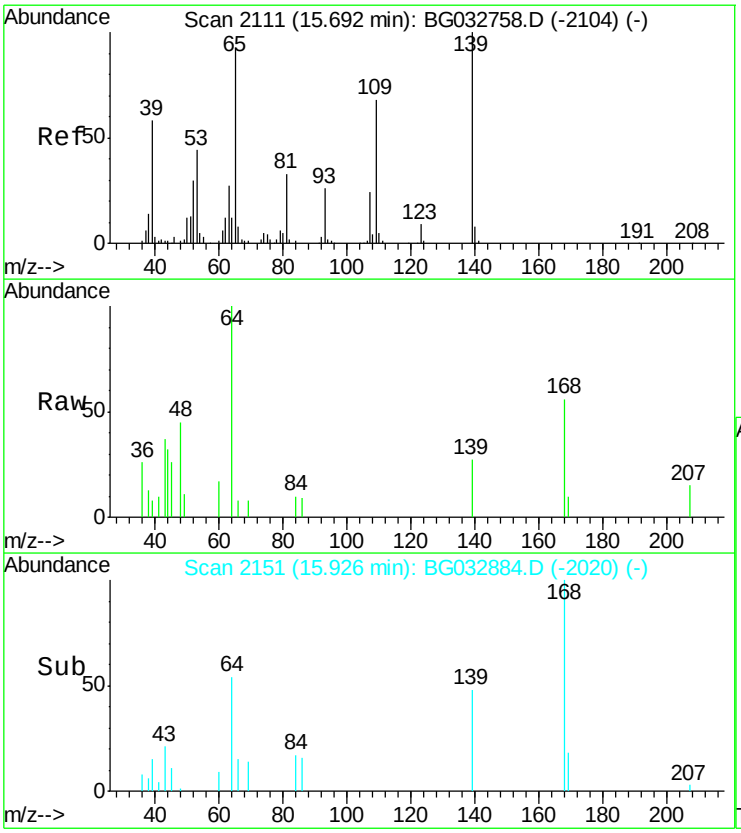
#50
2,6-Dinitrotoluene
Concen: 16.242 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15415

Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	2.9	49.2	73.8#

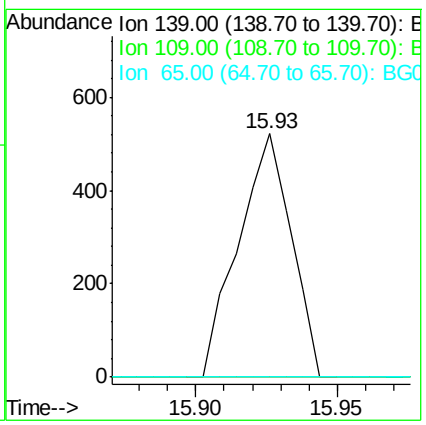


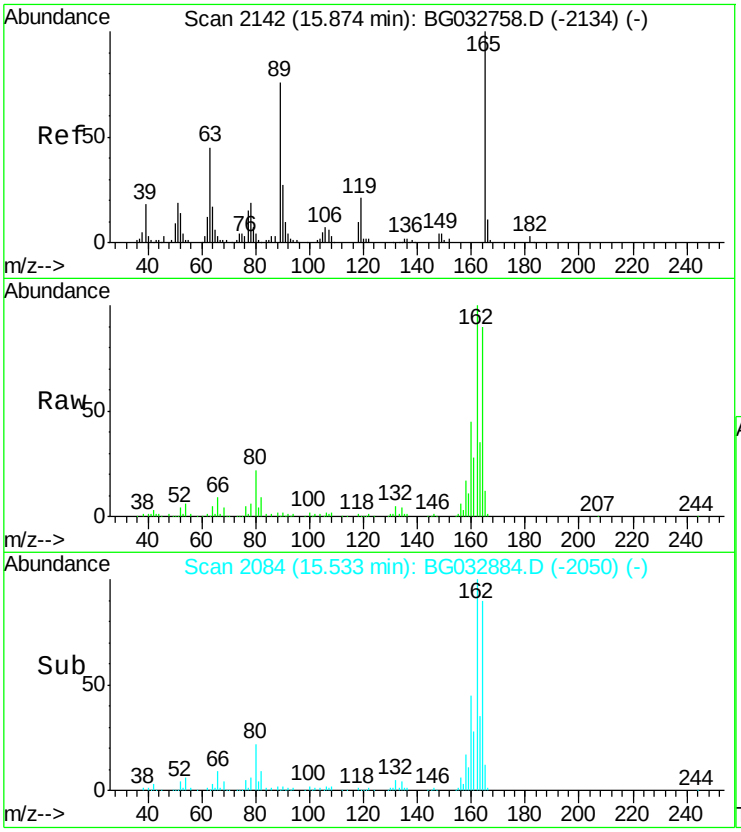


#55
4-Nitrophenol
Concen: 7.444 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:139 Resp: 675

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



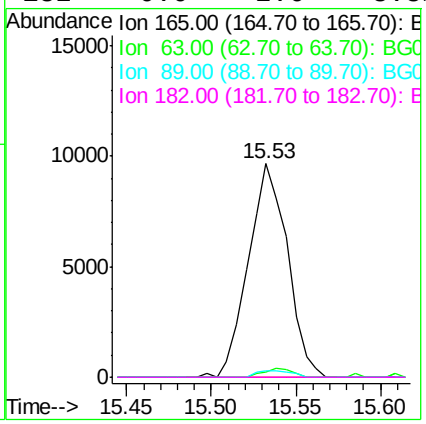


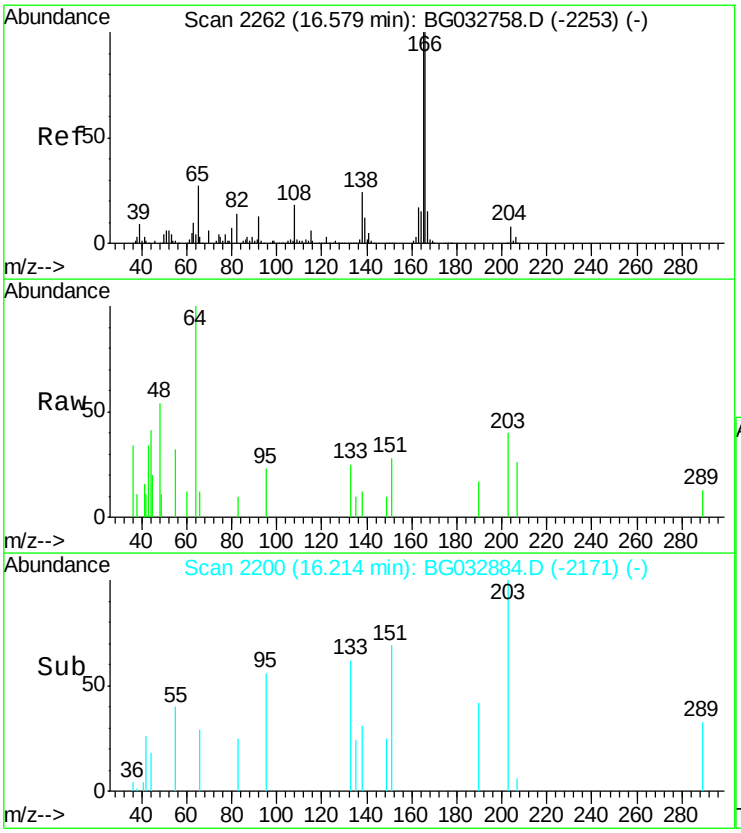
#56
2,4-Dinitrotoluene
Concen: 14.438 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15415

Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	2.9	66.9	100.3#
182	0.0	2.6	3.8#

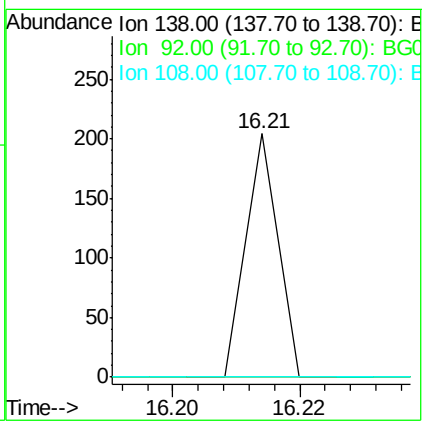


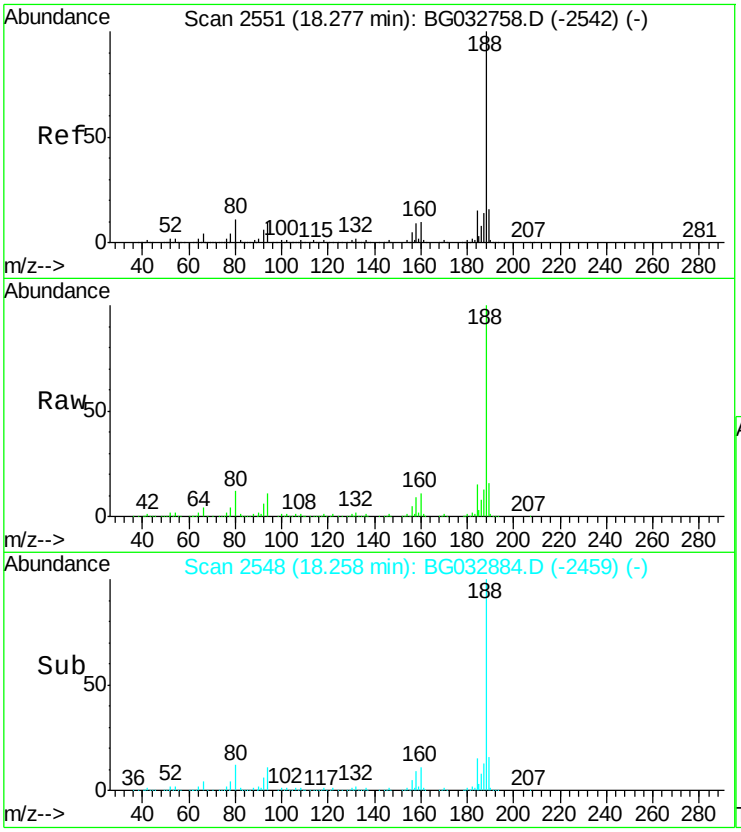


#61
4-Nitroaniline
Concen: 5.328 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.36 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:138 Resp: 72

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



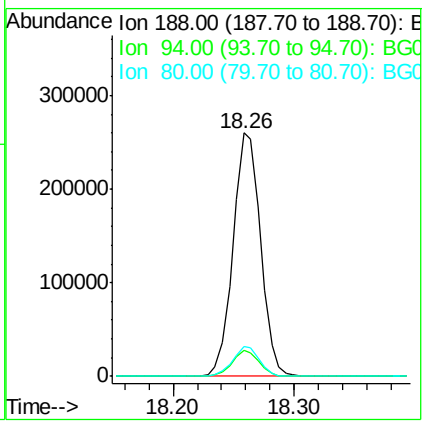


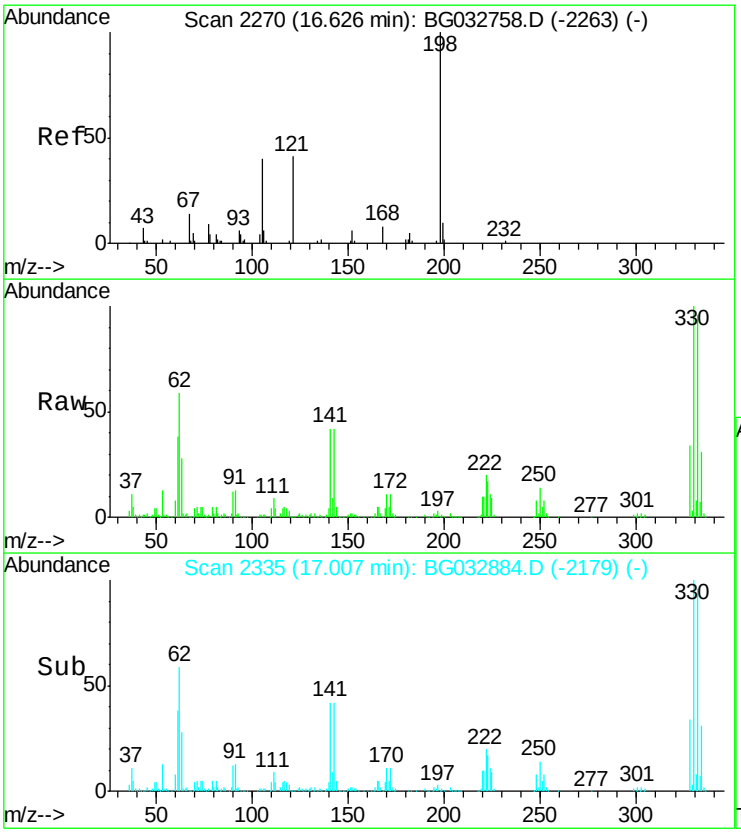
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 412473

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	12.4	7.7	11.5#

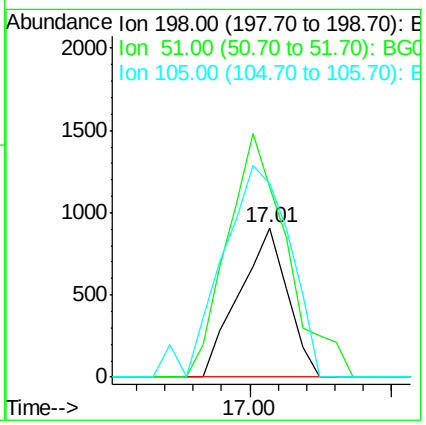


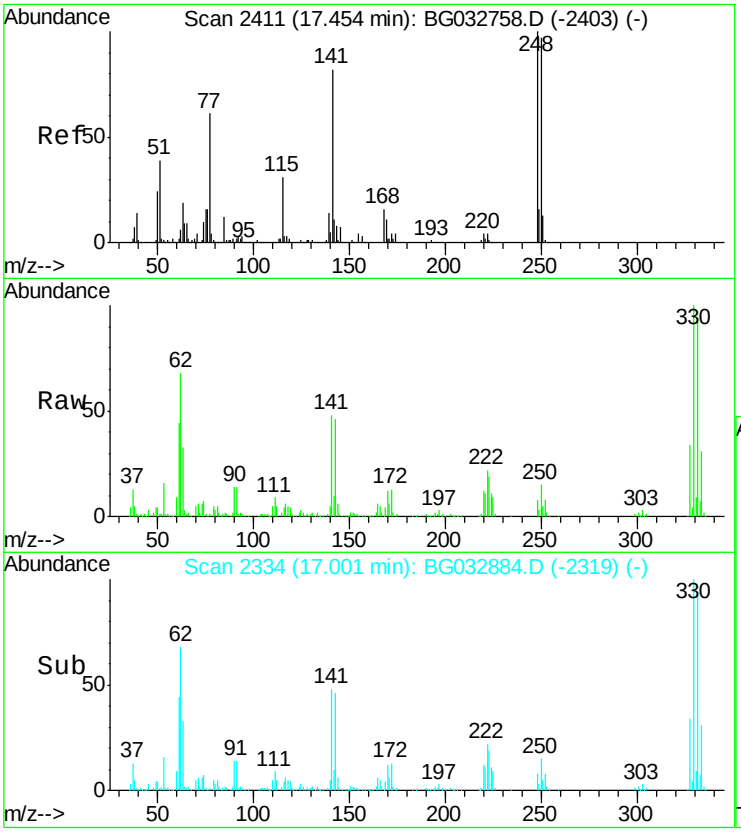


#64
4,6-Dinitro-2-methylphenol
Concen: 6.058 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.38 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:198 Resp: 1079

Ion	Ratio	Lower	Upper
198	100		
51	127.2	30.6	70.6#
105	130.4	23.8	63.8#



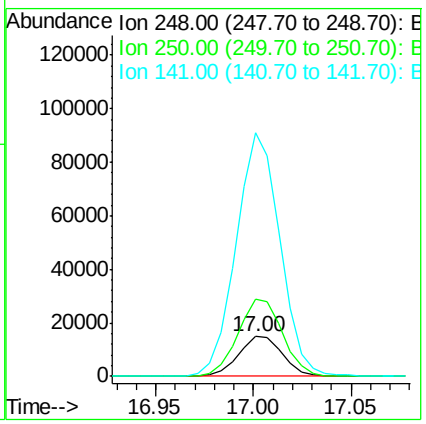


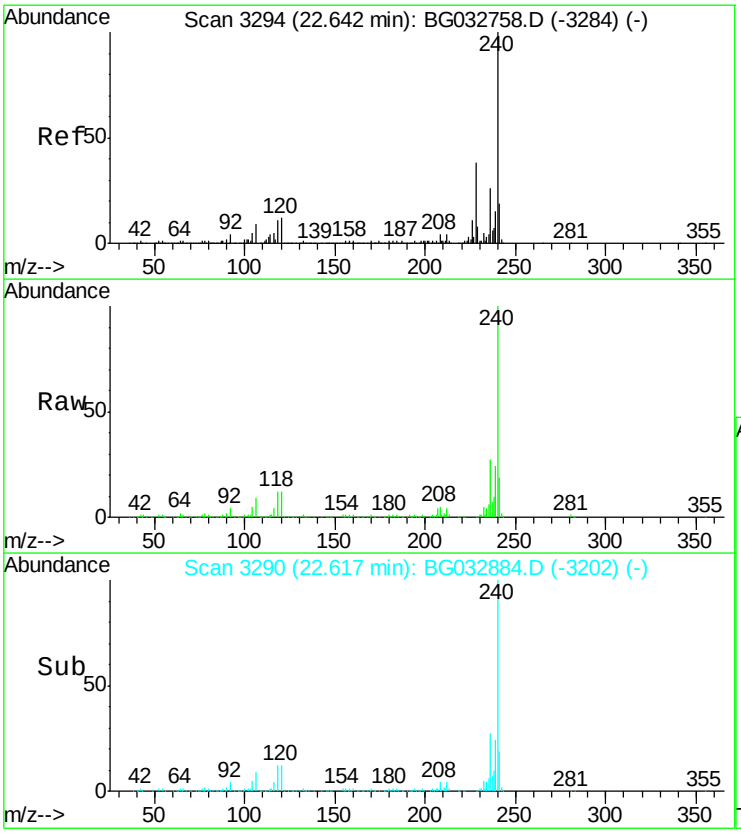
#66
4-Bromophenyl-phenylether
Concen: 5.318 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.44 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23196

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.1	115.7#
141	616.1	50.8	76.2#

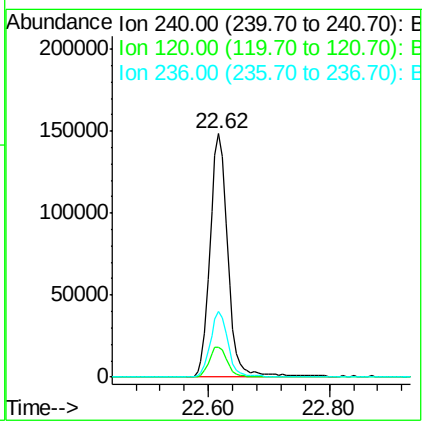


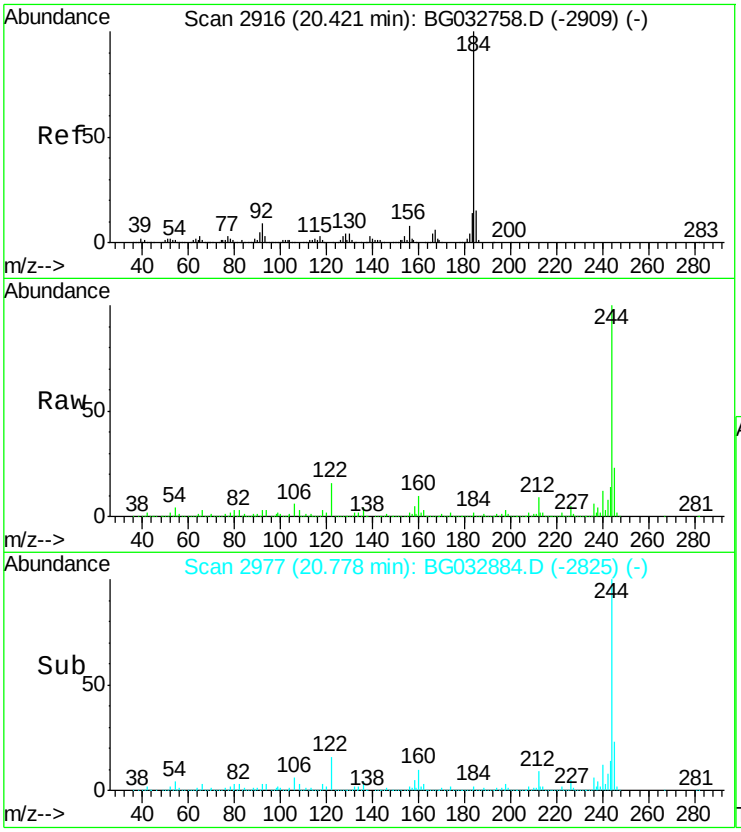


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:240 Resp: 304065

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.8	10.2#
236	27.1	20.9	31.3



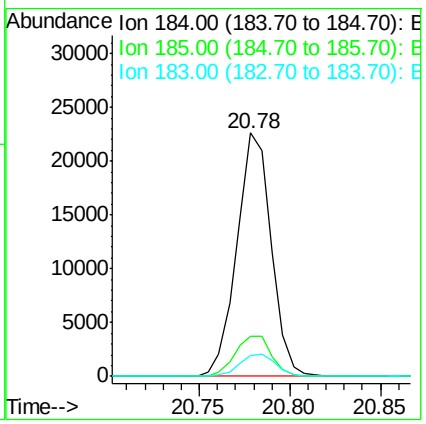


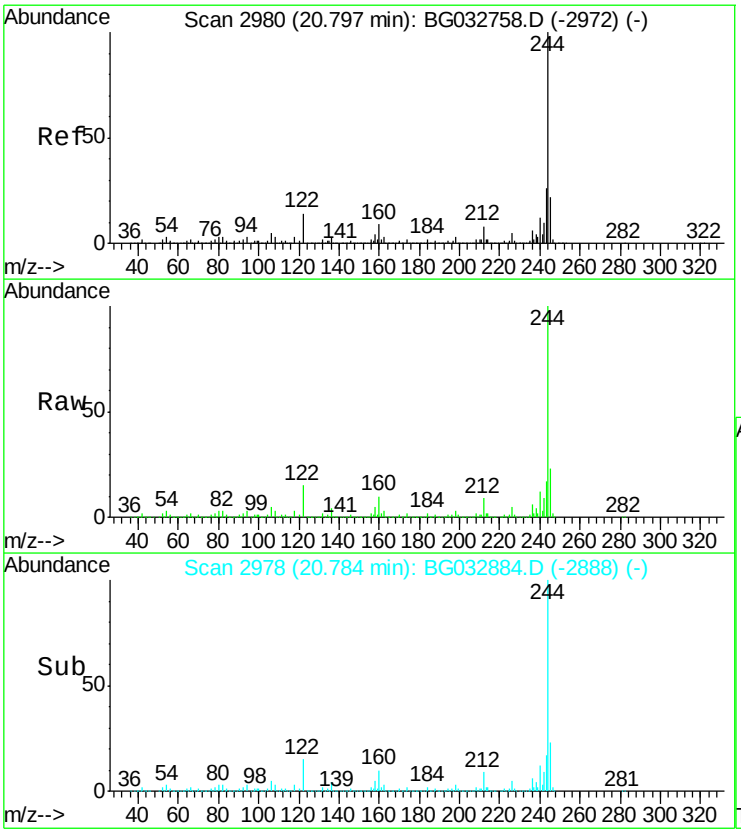
#76
Benzidine
Concen: 2.864 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.36 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29681

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	8.3	10.6	16.0#

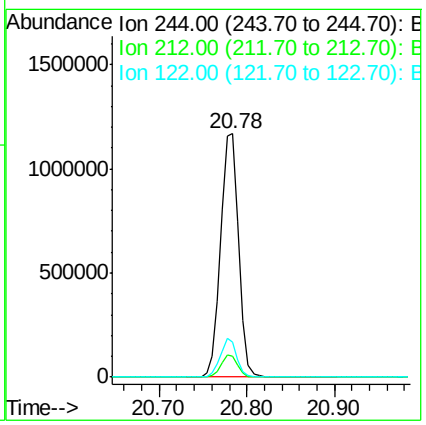


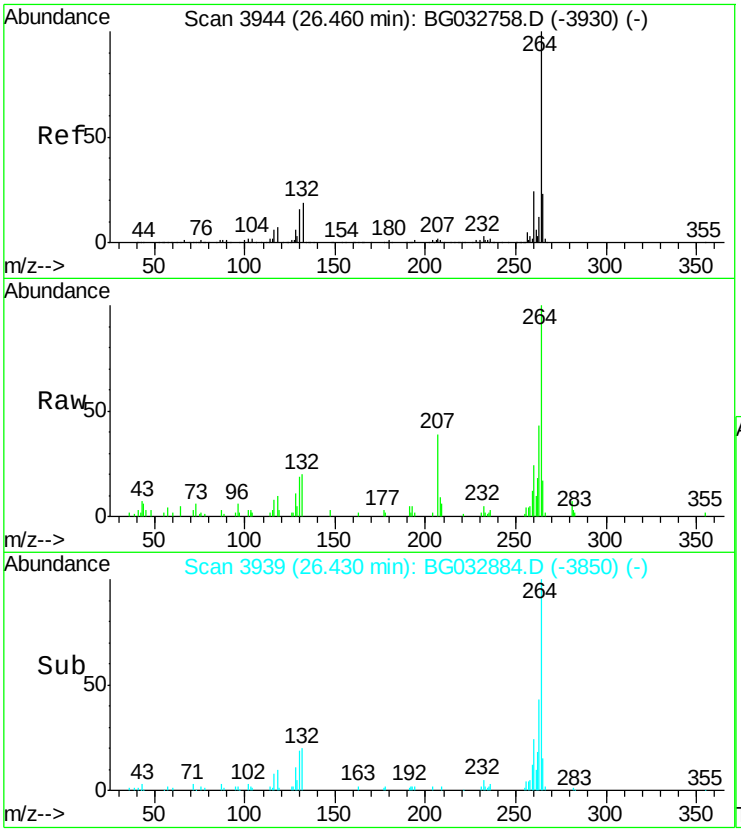


#78
Terphenyl-d14
Concen: 124.038 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Tgt Ion:244 Resp: 1678692

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	14.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032884.D
Acq: 28 Feb 2018 10:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 47139

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	16.9	17.7	26.5#