Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032870.D
Acq On : 28 Feb 2018 1:31
Operator : SJ/JU
Sample : J1397-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 28 02:42:46 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	78008	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	331156	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	183507	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	420622	20.00	ng	0.00
75) Chrysene-d12	22.62	240	383414	20.00	ng	-0.01
86) Perylene-d12	26.43	264	391126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	657536	134.85	ng	0.00
7) Phenol-d6	8.02	99	784768	115.47	ng	0.00
23) Nitrobenzene-d5	10.12	82	556279	112.89	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	298626	154.77	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1187751	93.35	ng	0.00
78) Terphenyl-d14	20.78	244	1714768	100.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	71998	15.01	ng	# 78
24) Nitrobenzene	10.12	77	1643	6.65	ng	# 42
32) Benzoic acid	11.04	122	62	5.84	ng	# 69
47) 2-Nitroaniline	14.17	65	2026	10.37	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	23749	16.40	ng	# 21
55) 4-Nitrophenol	15.94	139	267	7.18	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	23749	14.60	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.01	198	794	5.75	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	22090	4.97	ng	# 1
76) Benzidine	20.78	184	29815	2.28	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
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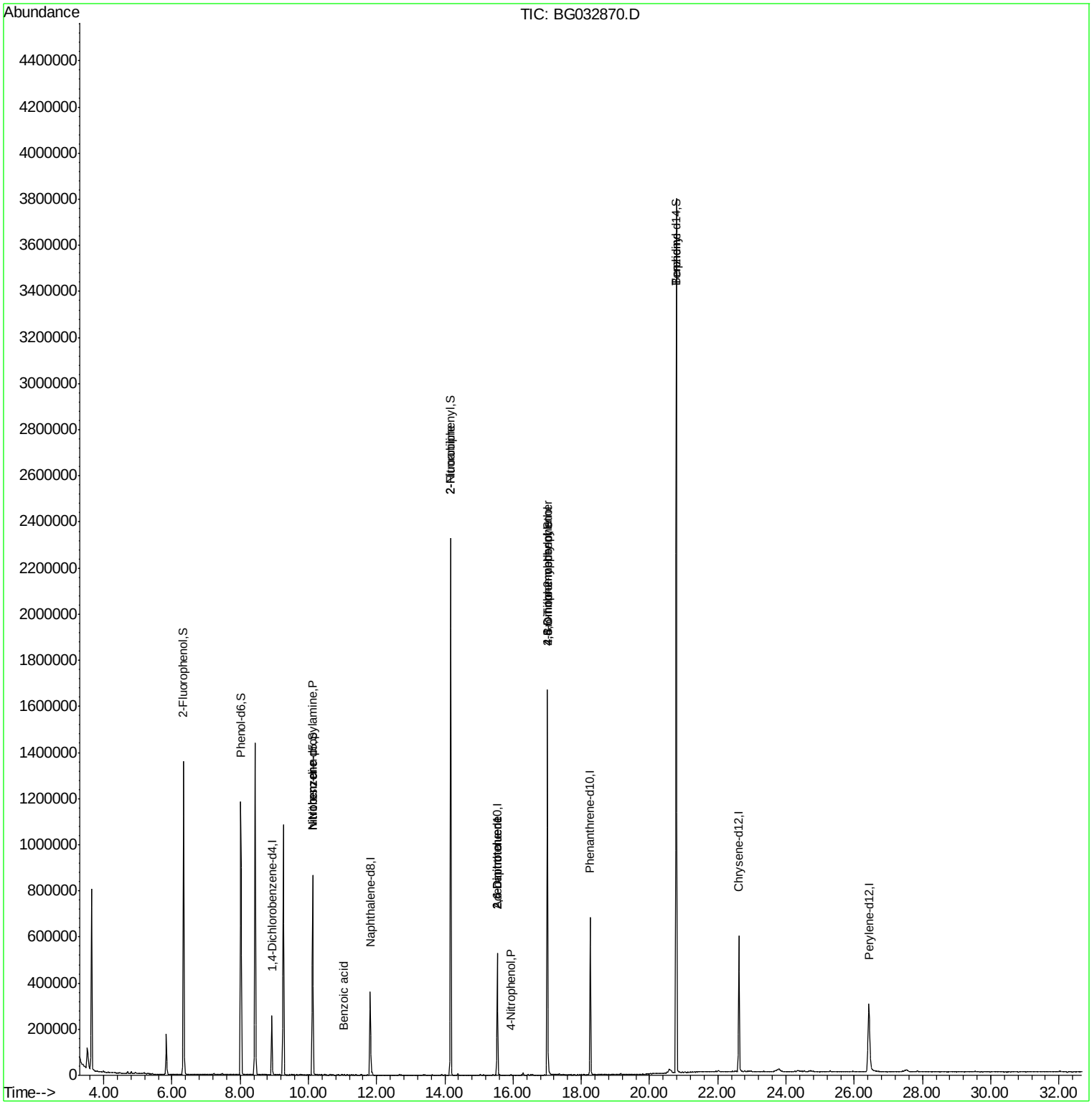
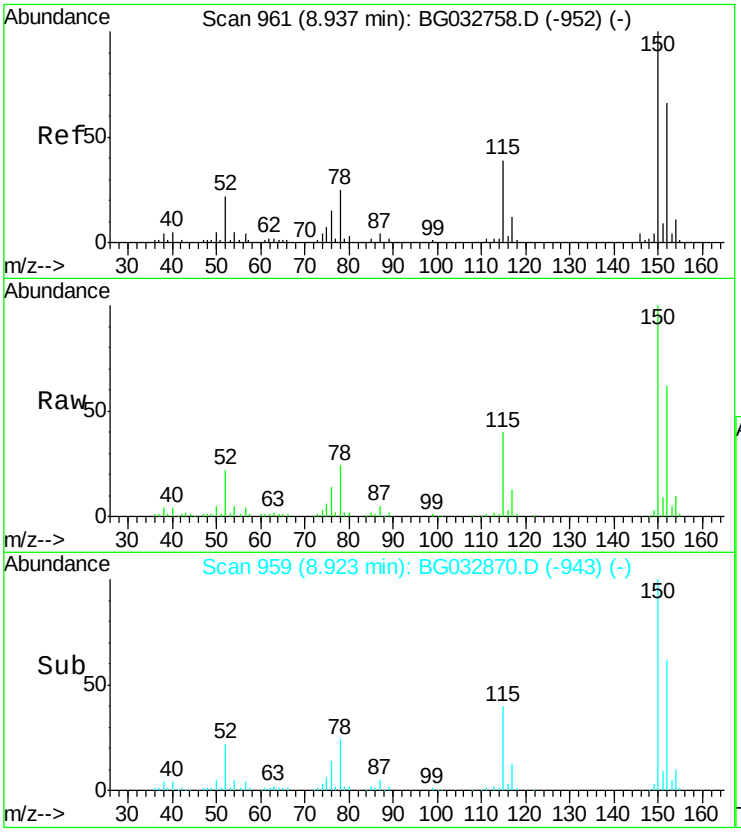
Sample : J1397-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 28 02:42:46 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



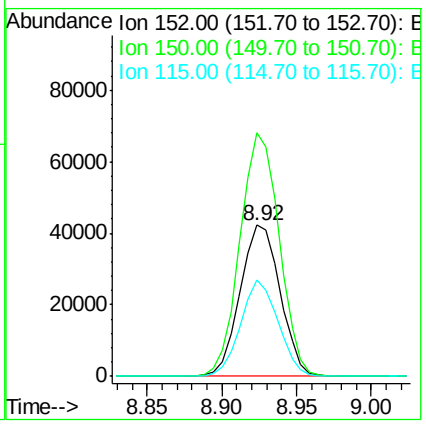


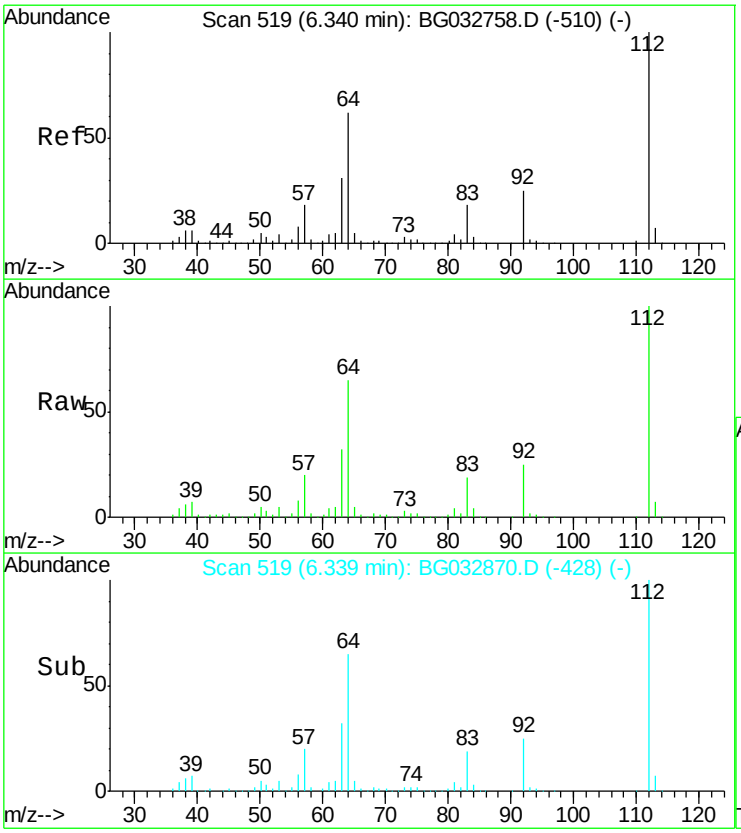
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 78008

Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.6	189.8
115	64.1	53.0	79.4

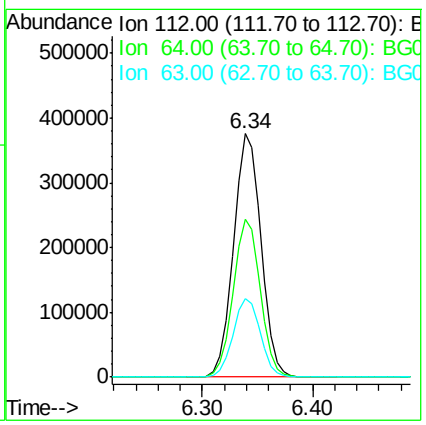


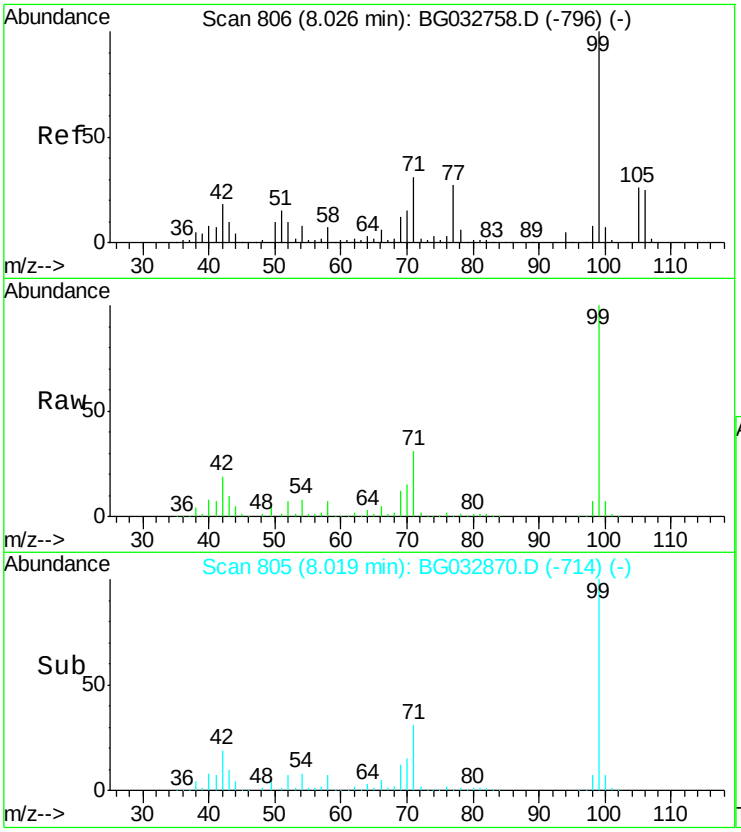


#5
2-Fluorophenol
Concen: 134.85 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:112 Resp: 657536

Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	32.3	30.1	45.1



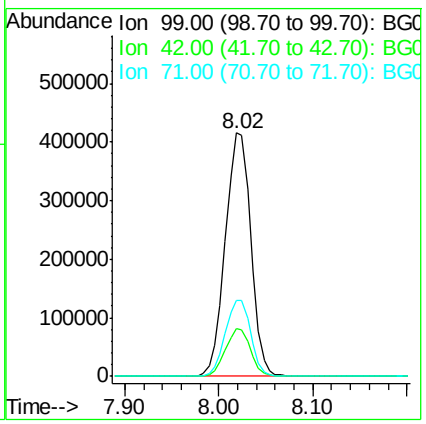


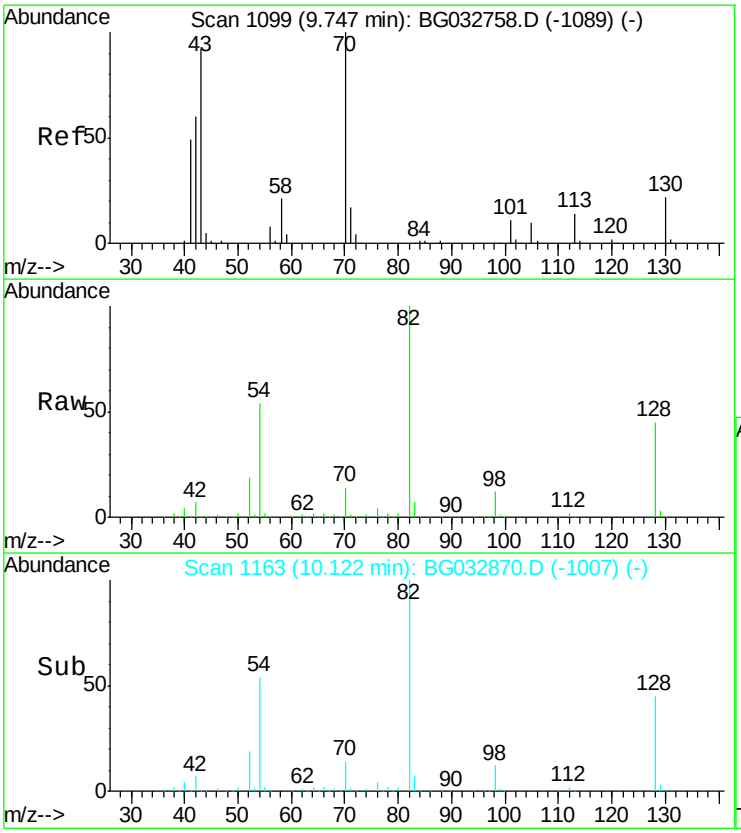
#7
Phenol-d6
Concen: 115.47 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 784768

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.1	21.1
71	31.4	26.1	39.1

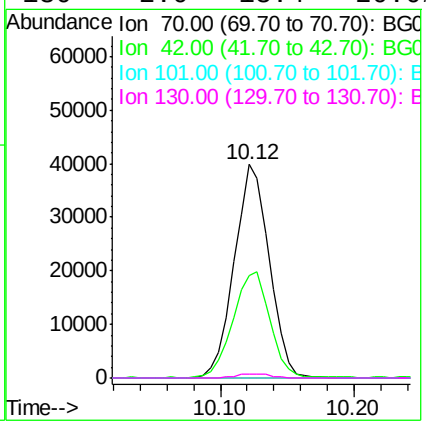


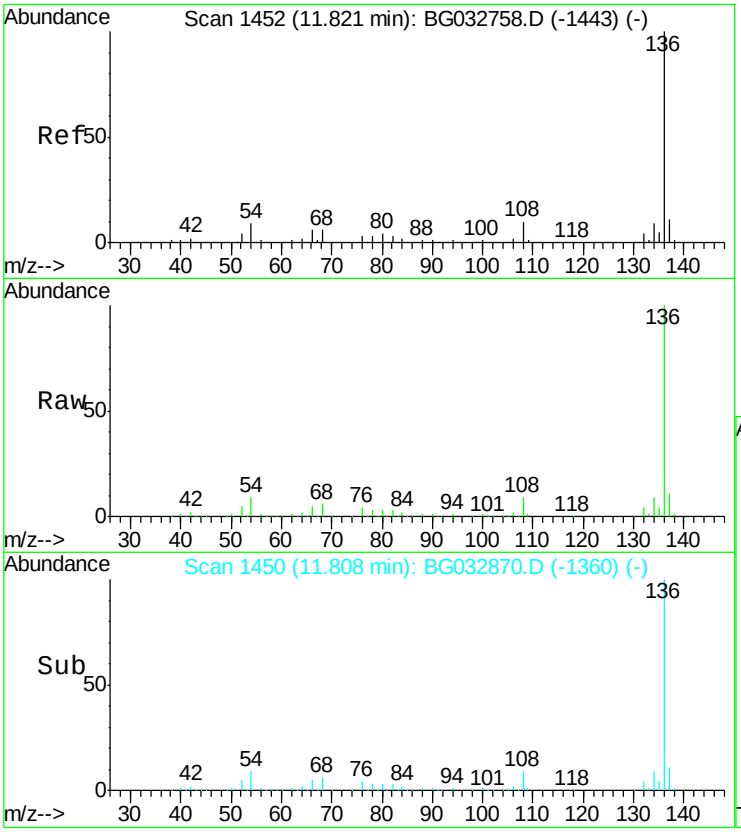


#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion: 70 Resp: 71998

Ion	Ratio	Lower	Upper
70	100		
42	48.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



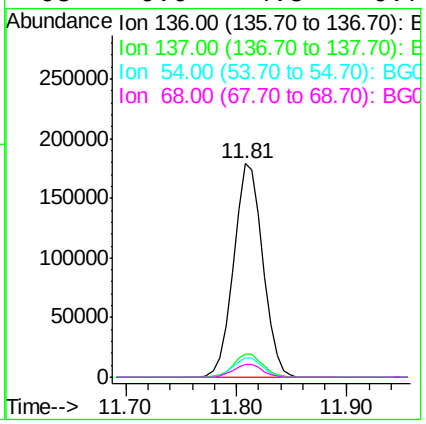


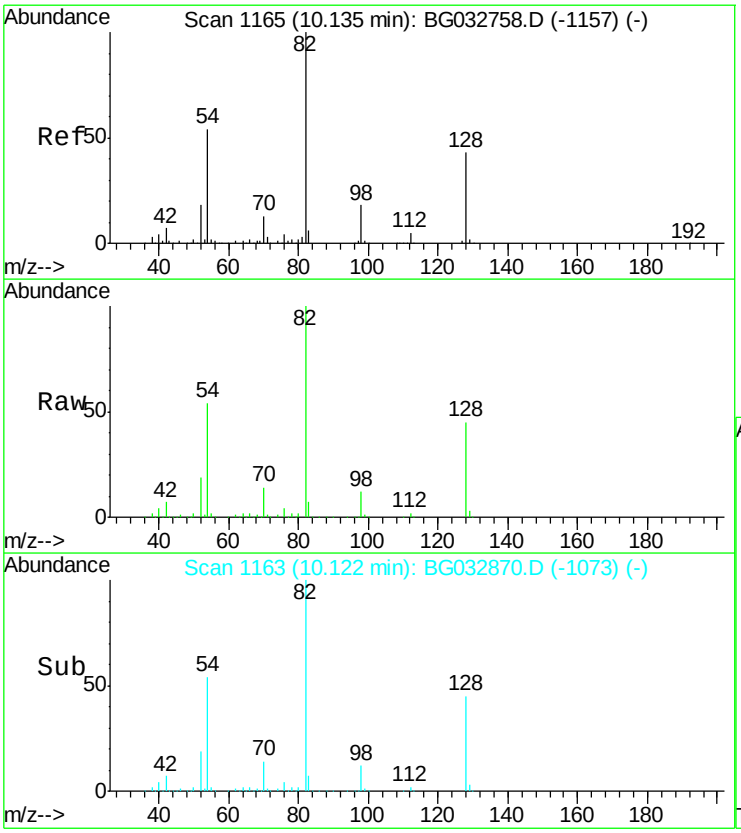
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 331156

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.3	10.3	15.5#
68	6.0	4.5	6.7

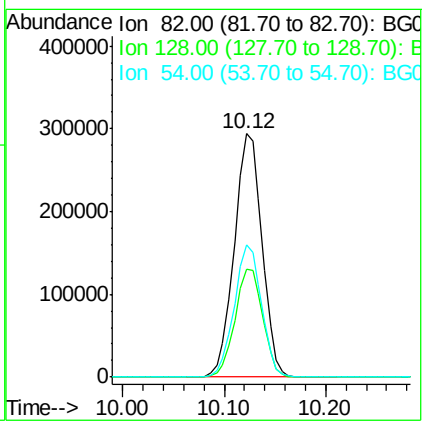


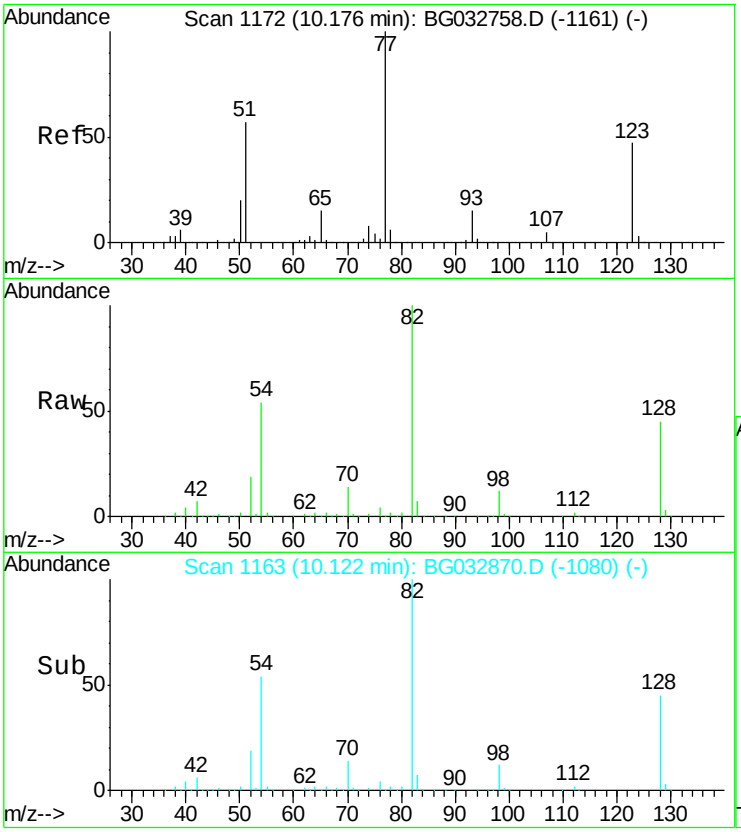


#23
Nitrobenzene-d5
Concen: 112.89 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion: 82 Resp: 556279

Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	54.3	43.1	64.7



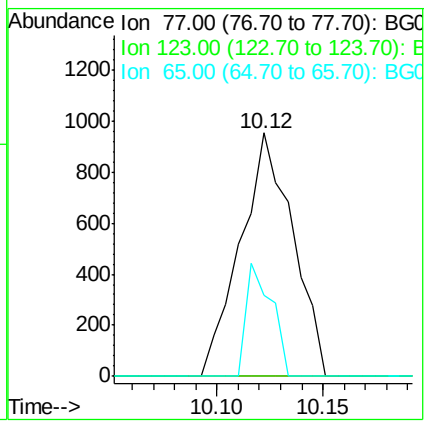


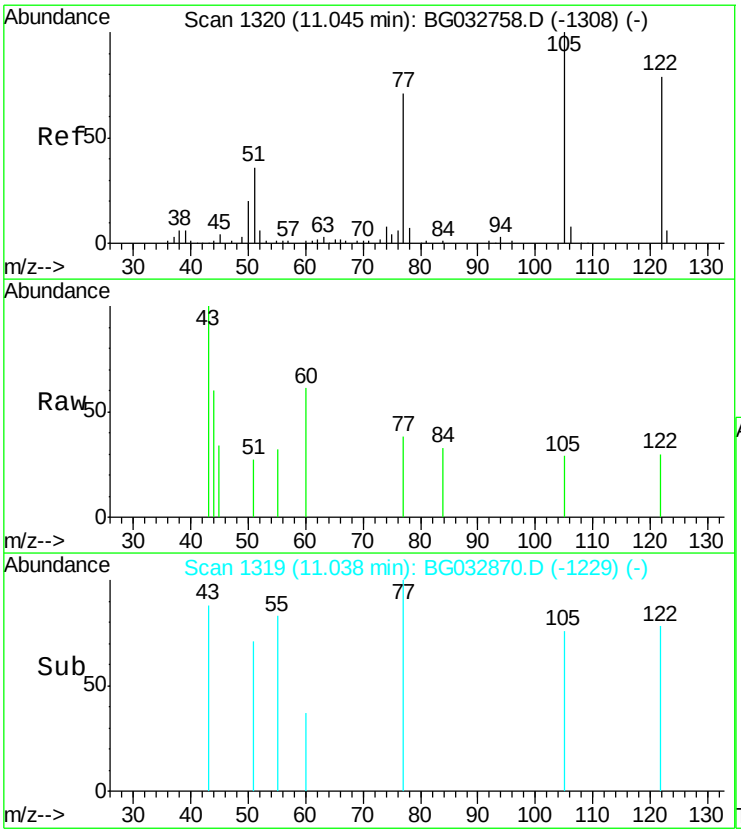
#24
Nitrobenzene
Concen: 6.65 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1643

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	33.3	13.0	19.6#

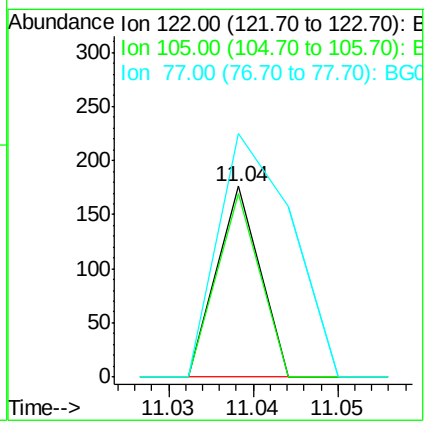


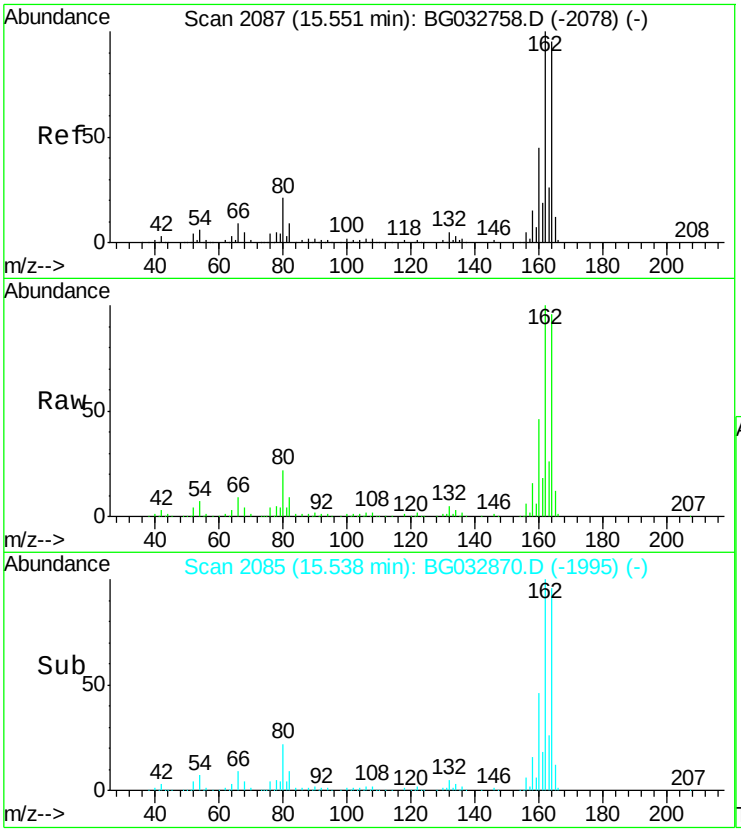


#32
Benzoic acid
Concen: 5.84 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	96.6	123.5	163.5#
77	127.8	85.7	125.7#



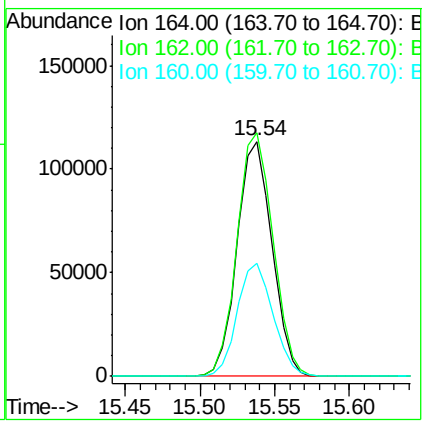


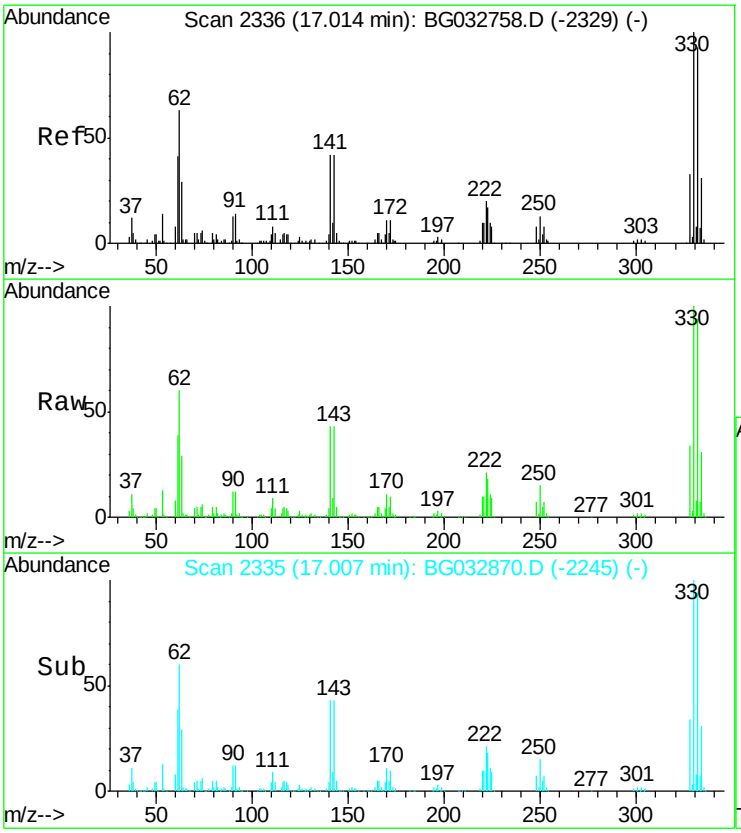
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 183507

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	48.2	35.4	53.0

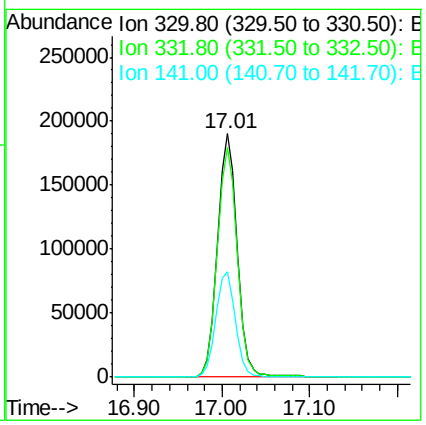


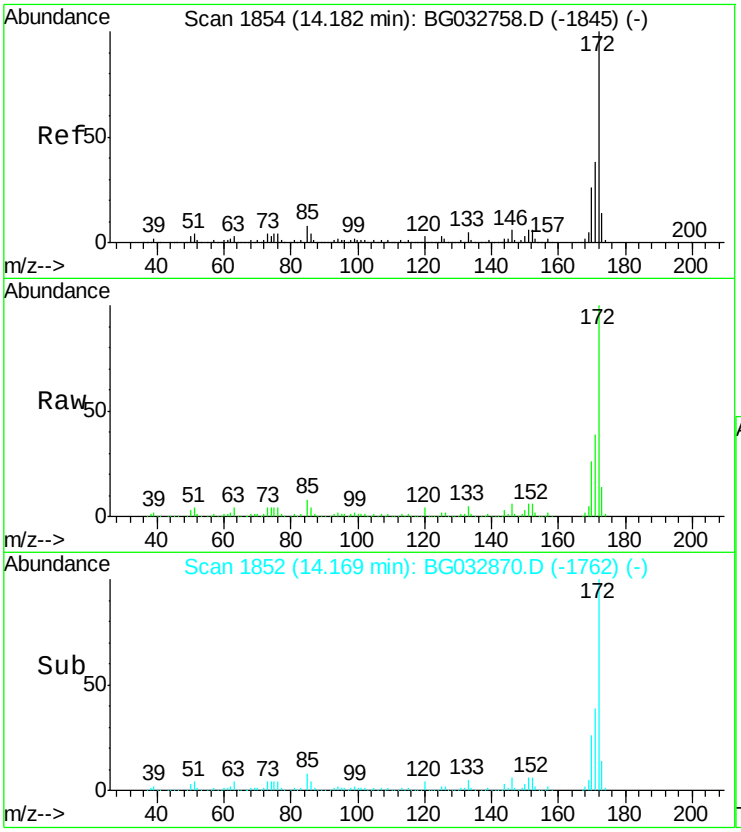


#41
2,4,6-Tribromophenol
Concen: 154.77 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:330 Resp: 298626

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	43.2	25.2	37.8#



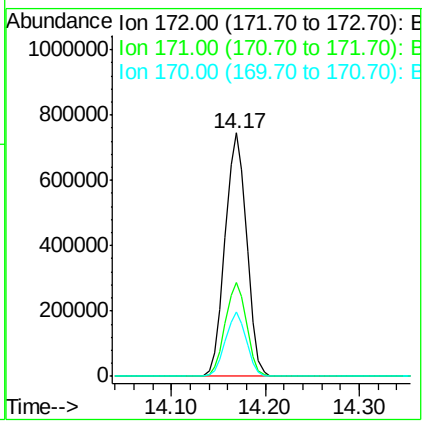


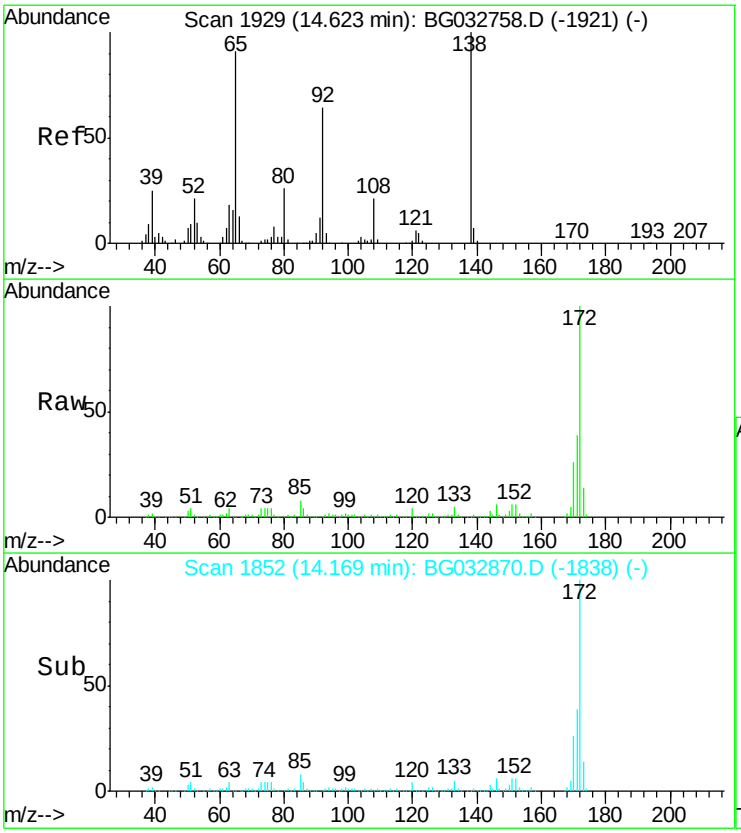
#44
2-Fluorobiphenyl
Concen: 93.35 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1187751

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	26.3	19.5	29.3

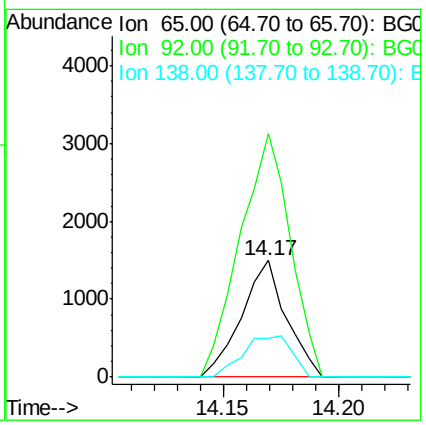


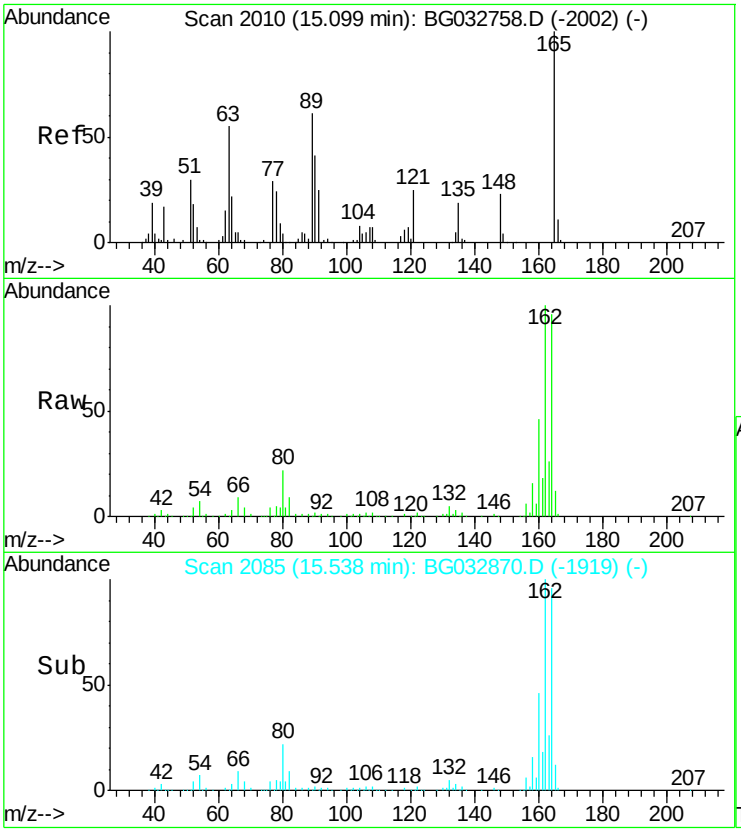


#47
2-Nitroaniline
Concen: 10.37 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion: 65 Resp: 2026

Ion	Ratio	Lower	Upper
65	100		
92	208.6	54.6	82.0#
138	33.2	72.9	109.3#



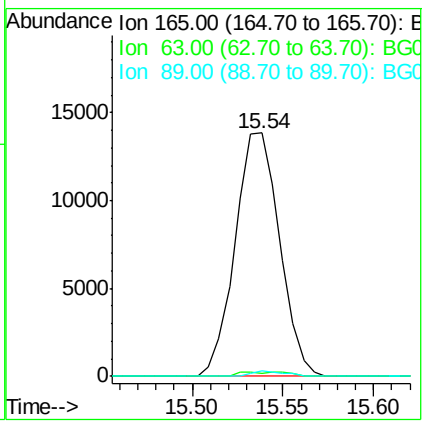


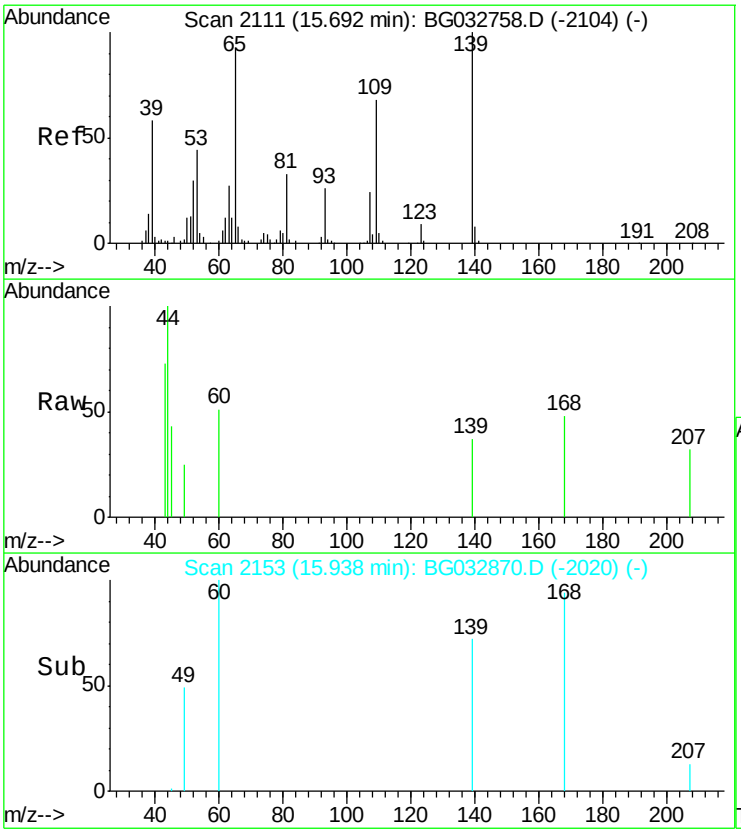
#50
2,6-Dinitrotoluene
Concen: 16.40 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23749

Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	2.2	49.2	73.8#

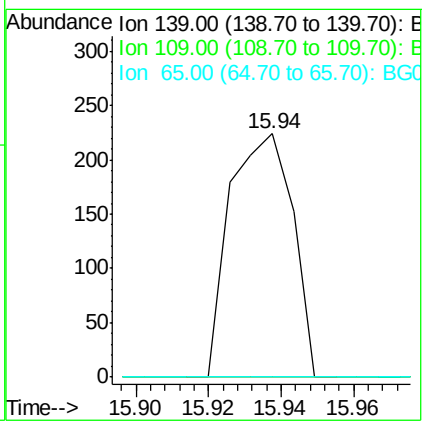


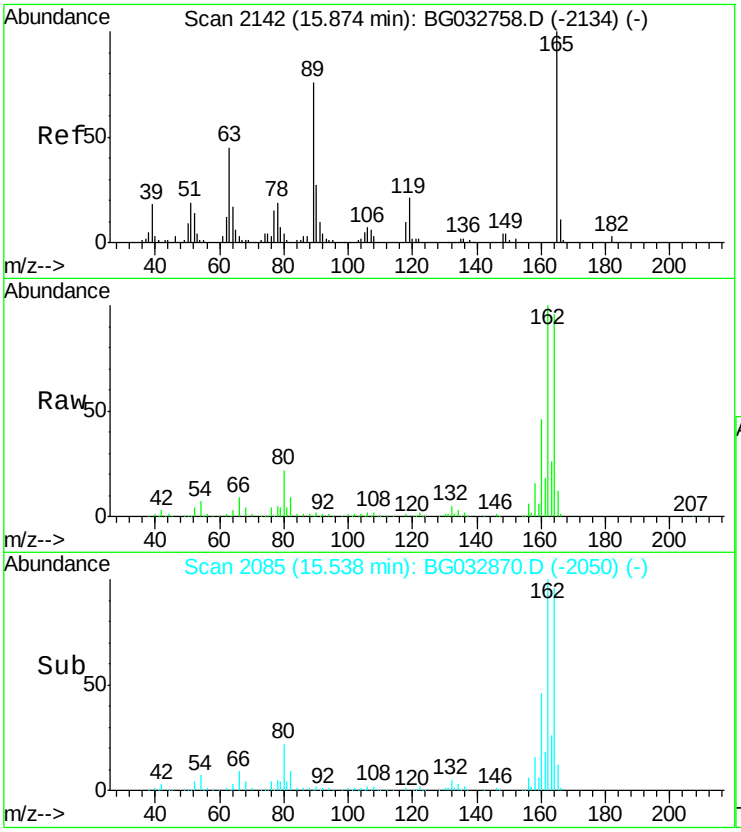


#55
4-Nitrophenol
Concen: 7.18 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.25 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:139 Resp: 267

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



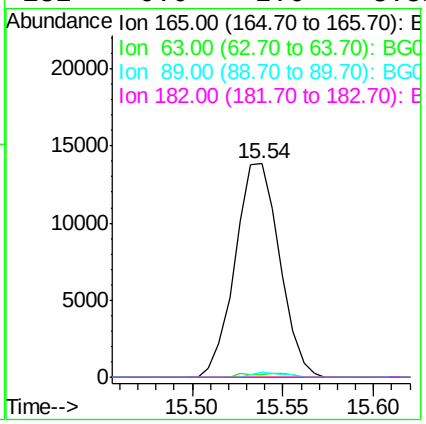


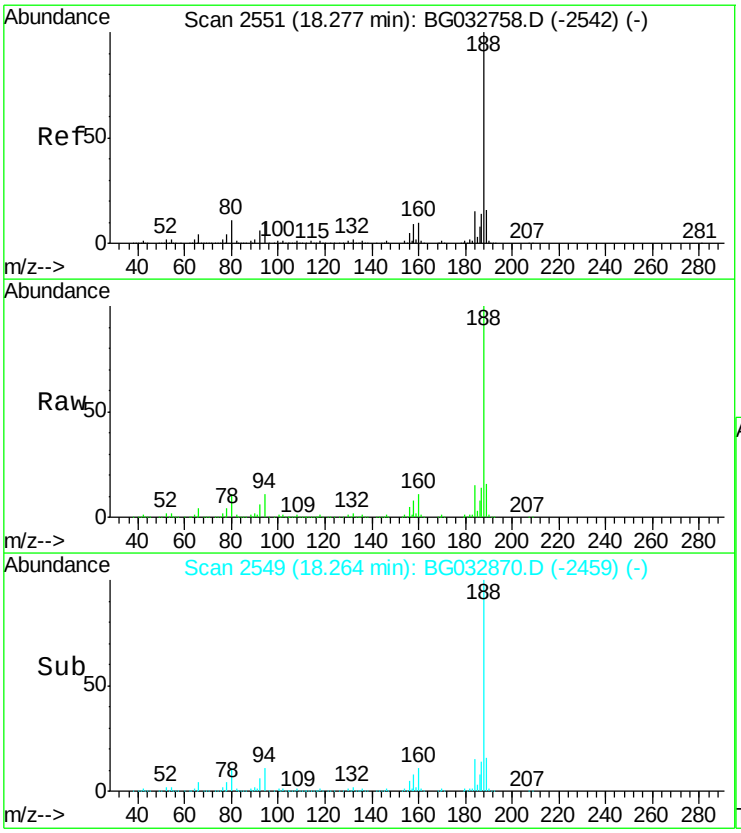
#56
2,4-Dinitrotoluene
Concen: 14.60 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.33 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23749

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

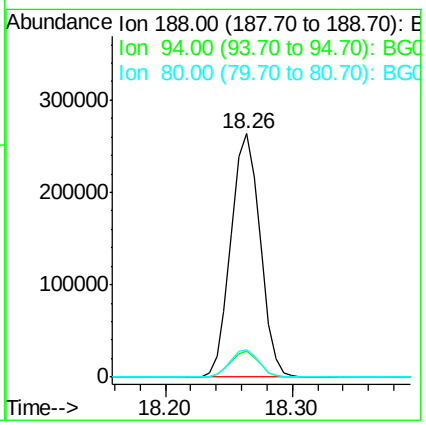


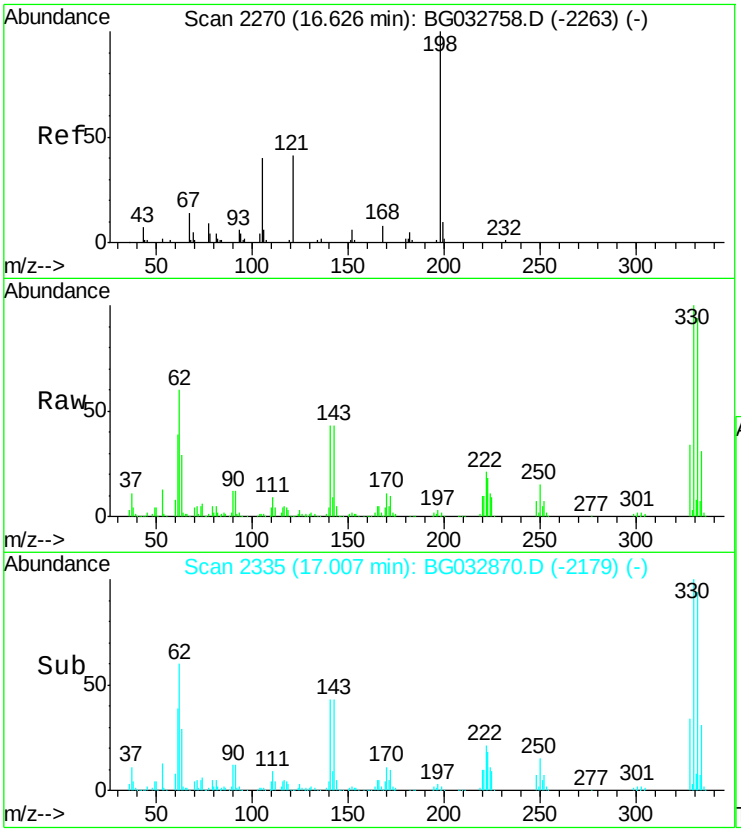


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:188 Resp: 420622

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	11.1	7.7	11.5



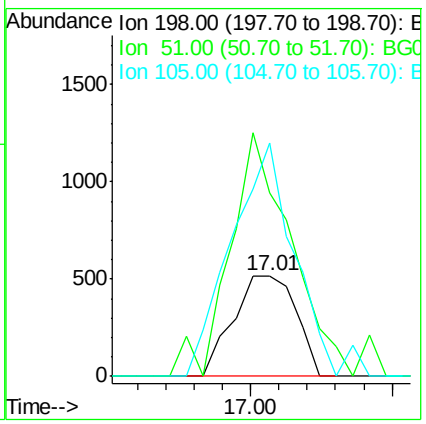


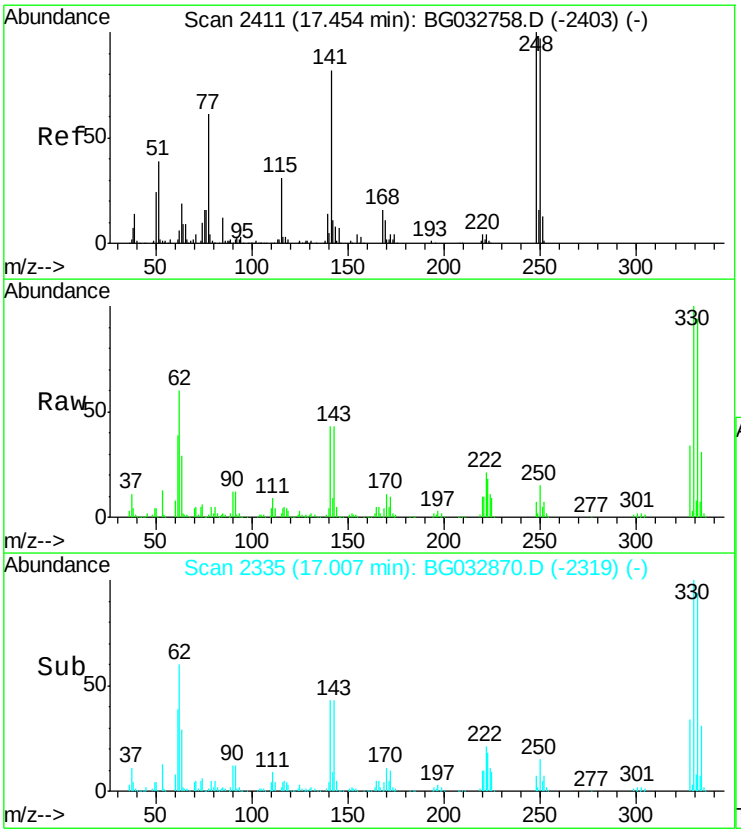
#64
4,6-Dinitro-2-methylphenol
Concen: 5.75 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.38 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 794

Ion	Ratio	Lower	Upper
198	100		
51	183.3	30.6	70.6#
105	232.8	23.8	63.8#

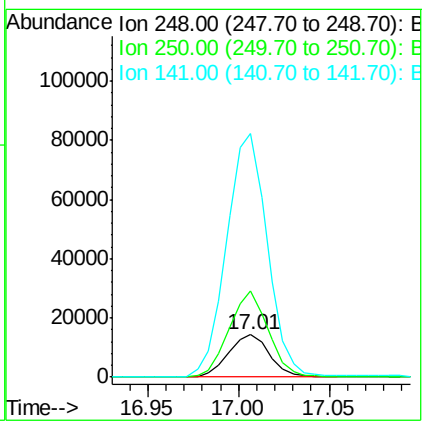


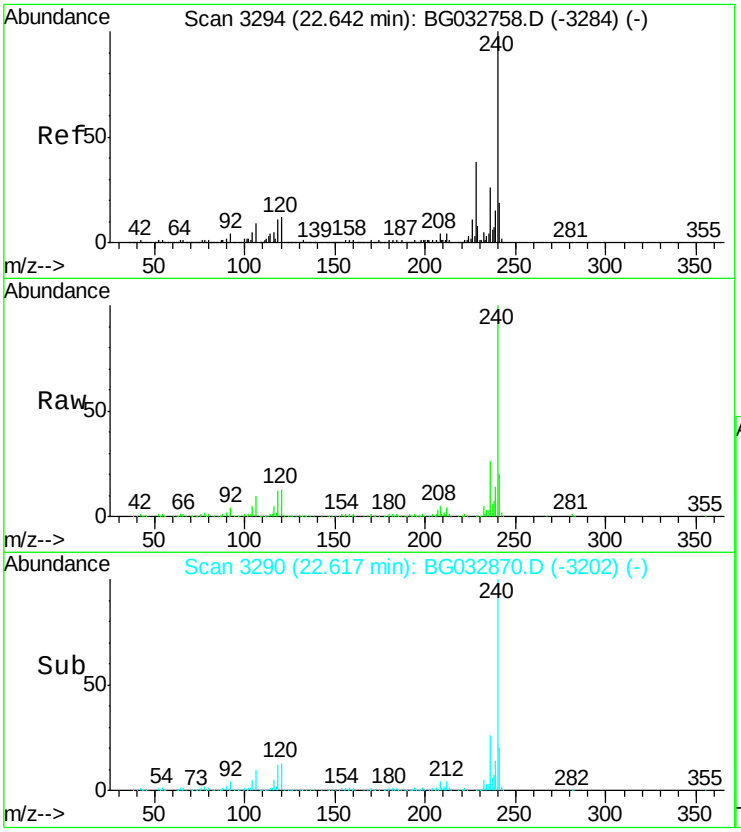


#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.44 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:248 Resp: 22090

Ion	Ratio	Lower	Upper
248	100		
250	203.9	77.1	115.7#
141	579.2	50.8	76.2#



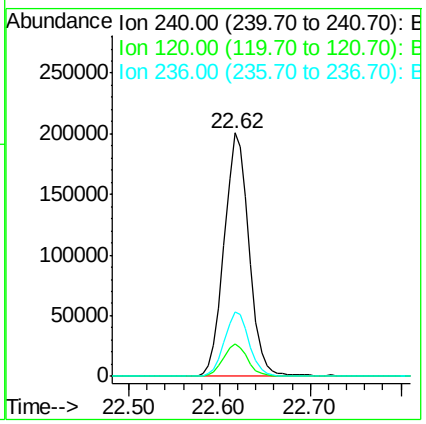


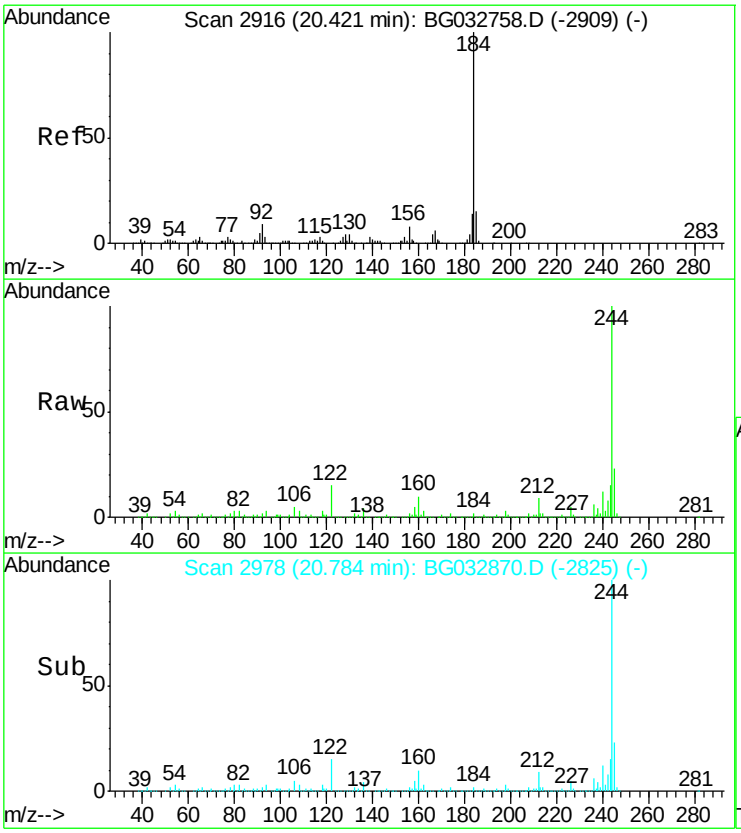
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 383414

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	26.5	20.9	31.3

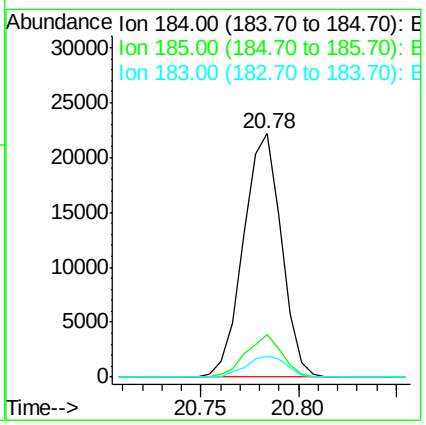


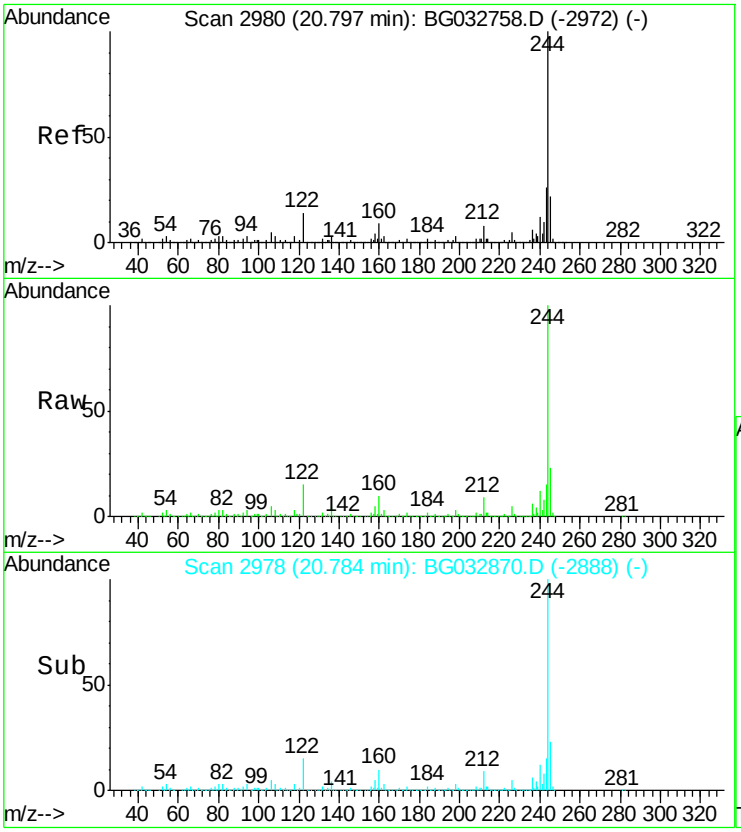


#76
Benzidine
Concen: 2.28 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.37 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:184 Resp: 29815

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.1	16.7#
183	8.7	10.6	16.0#



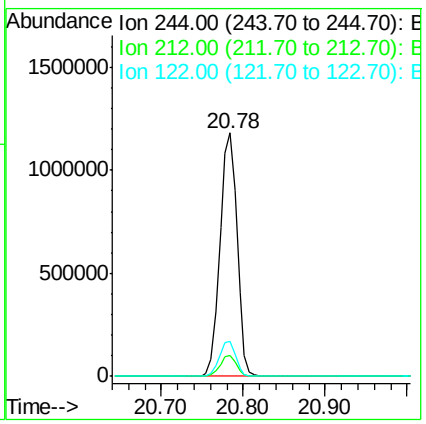


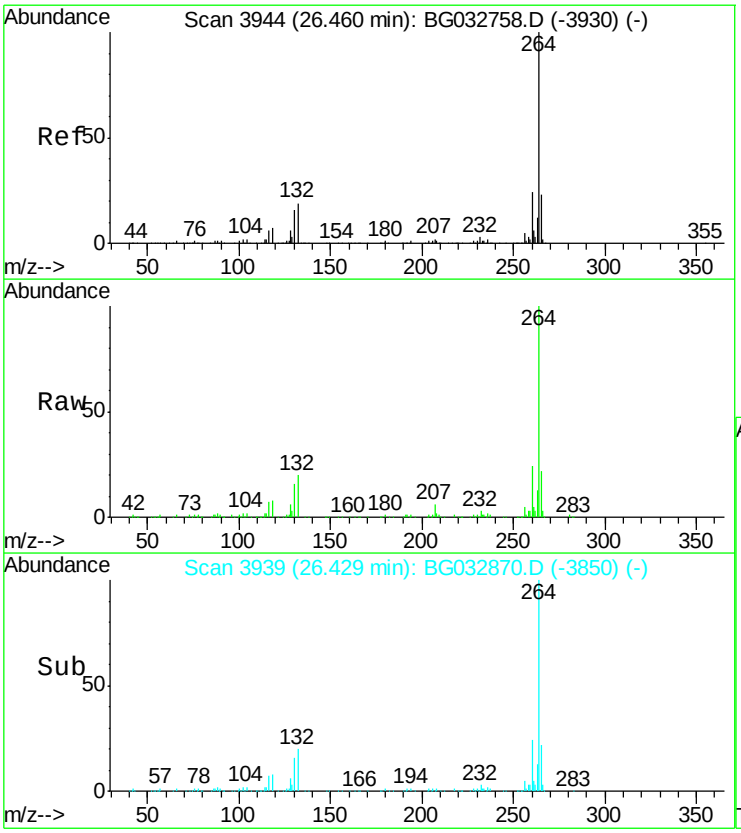
#78
Terphenyl-d14
Concen: 100.48 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1714768

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	14.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032870.D
Acq: 28 Feb 2018 1:31

Tgt Ion:264 Resp: 391126

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.2	17.7	26.5