Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032690.D
Acq On : 14 Feb 2018 20:46
Operator : SJ/JU
Sample : J1545-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 15 02:54:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	18252	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	91462	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	76632	20.00	ng	0.00
63) Phenanthrene-d10	18.03	188	226394	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	303283	20.00	ng	-0.02
86) Perylene-d12	25.98	264	309079	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	153960	169.24	ng	-0.02
7) Phenol-d6	7.78	99	199980	160.76	ng	-0.02
23) Nitrobenzene-d5	9.85	82	128441	89.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	224827	190.54	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	527998	86.16	ng	-0.02
78) Terphenyl-d14	20.58	244	1239771	93.17	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.81	94	4687	3.87	ng	# 53
15) Benzyl Alcohol	8.99	79	2821	3.03	ng	# 35
19) n-Nitroso-di-n-propylamine	9.85	70	17431	20.84	ng	# 70
49) Dimethylphthalate	14.72	163	43868	6.62	ng	# 95
50) 2,6-Dinitrotoluene	15.30	165	9519	6.98	ng	# 18
53) 2,4-Dinitrophenol	15.87	184	71	11.54	ng	# 1
55) 4-Nitrophenol	15.72	139	66	5.55	ng	# 1
56) 2,4-Dinitrotoluene	15.30	165	9519	5.06	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.77	198	468	5.28	ng	# 64
66) 4-Bromophenyl-phenylether	16.77	248	18583	5.74	ng	# 1
76) Benzidine	20.58	184	17493	2.45	ng	# 89

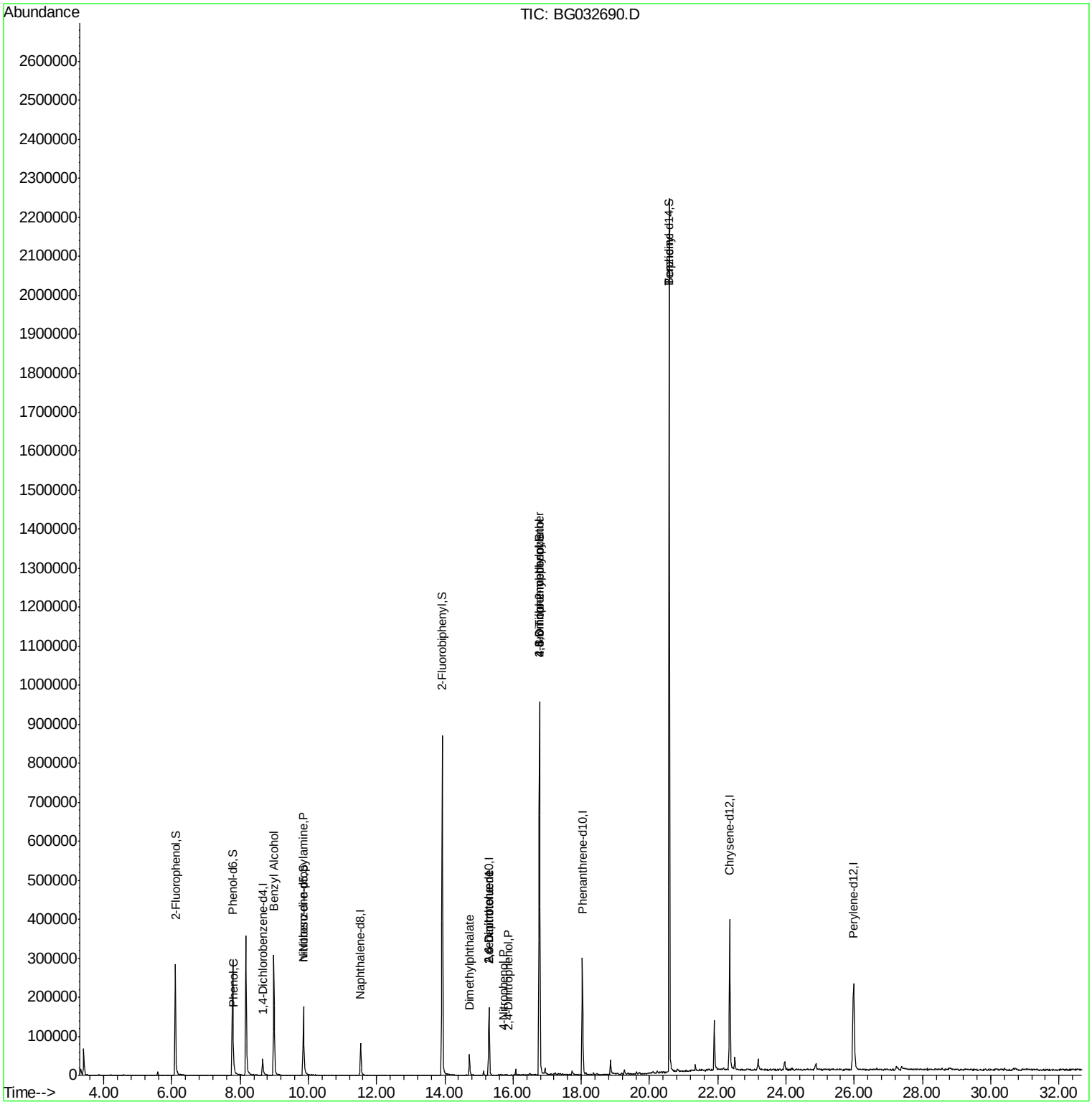
(#) = qualifier out of range (m) = manual integration (+) = signals summed

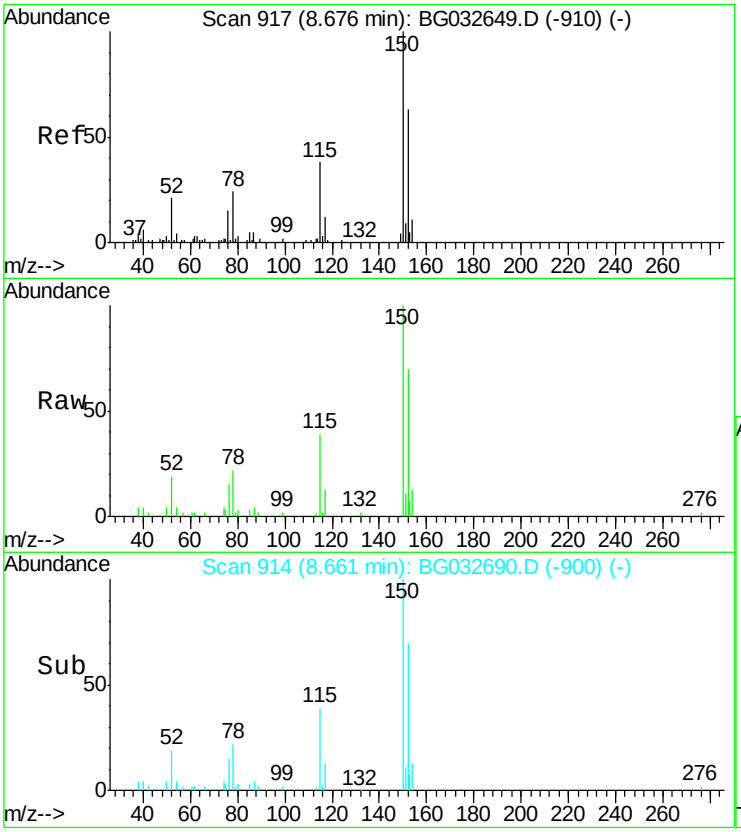
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032690.D
Acq On : 14 Feb 2018 20:46
Operator : SJ/JU
Sample : J1545-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 15 02:54:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration



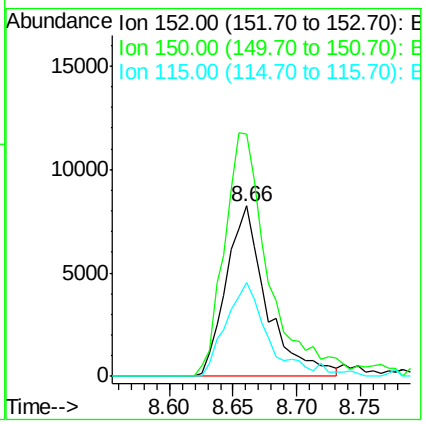


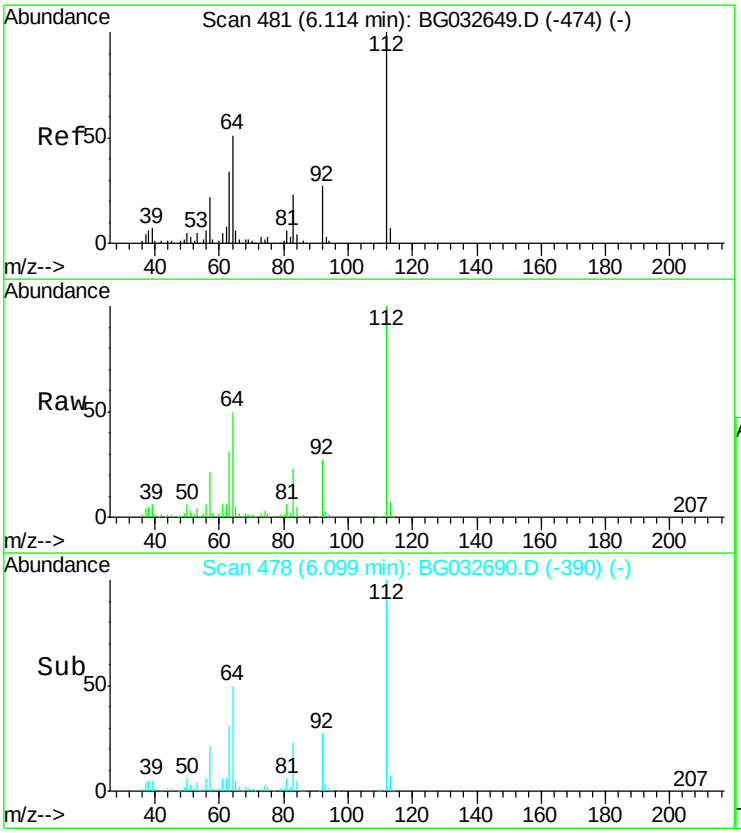
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18252

Ion	Ratio	Lower	Upper
152	100		
150	142.2	126.6	189.8
115	55.1	53.0	79.4

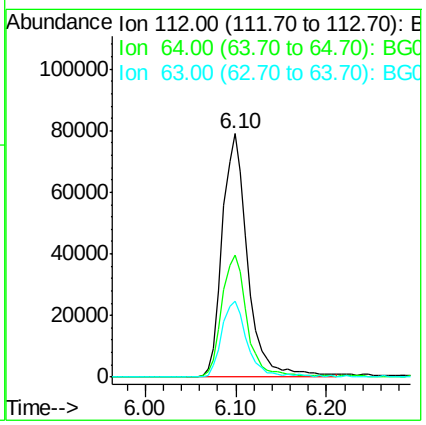


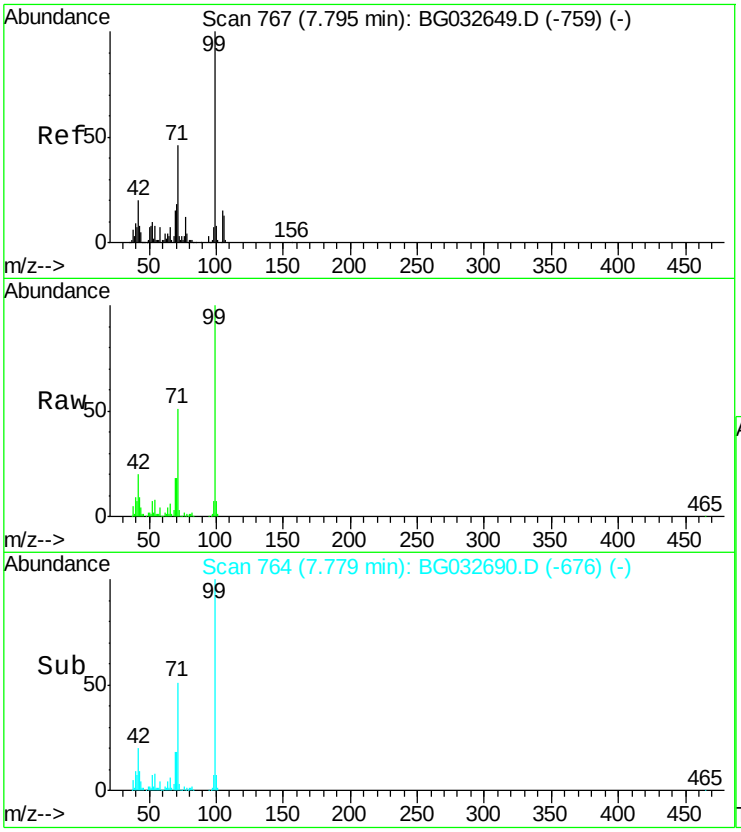


#5
2-Fluorophenol
Concen: 169.24 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:112 Resp: 153960

Ion	Ratio	Lower	Upper
112	100		
64	50.0	56.3	84.5#
63	31.4	30.1	45.1



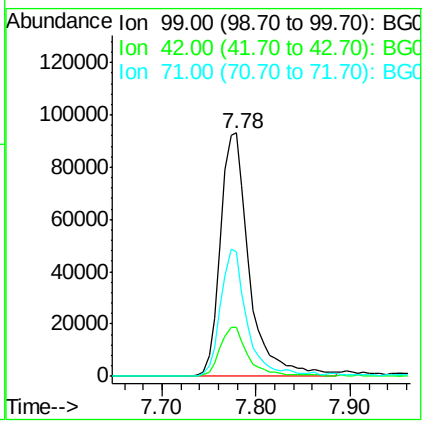


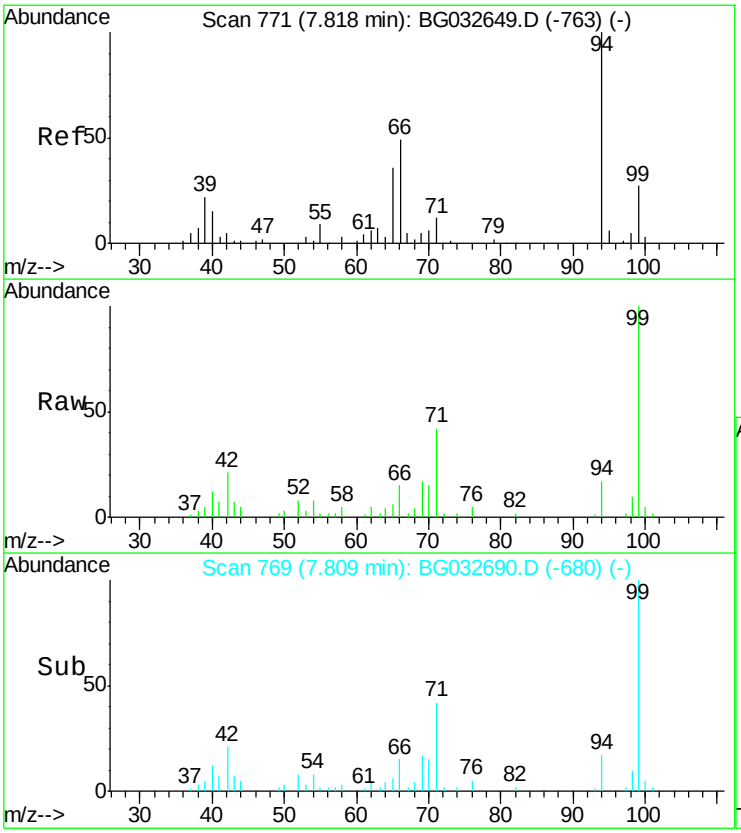
#7
Phenol-d6
Concen: 160.76 ng
RT: 7.78 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 199980

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.1	21.1
71	51.0	26.1	39.1#

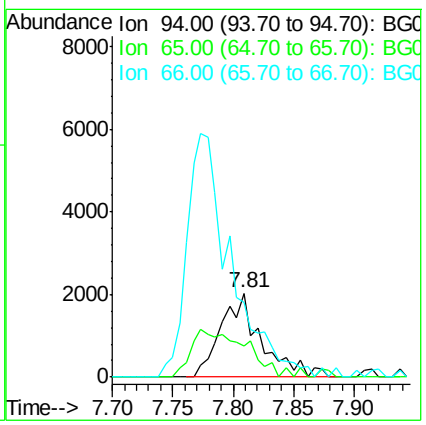


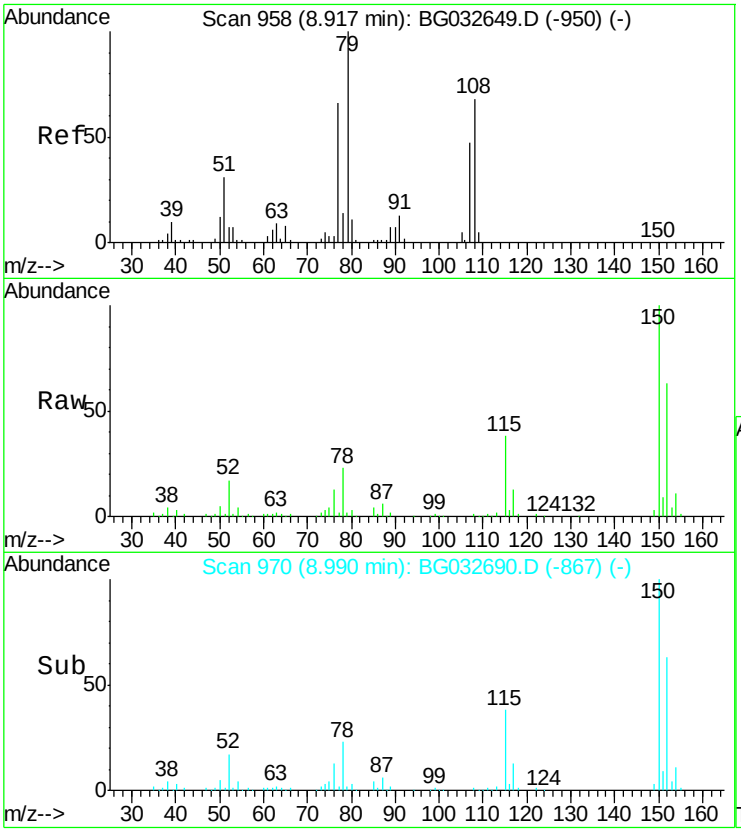


#10
Phenol
Concen: 3.87 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion: 94 Resp: 4687

Ion	Ratio	Lower	Upper
94	100		
65	37.7	11.9	51.9
66	89.4	22.2	62.2#



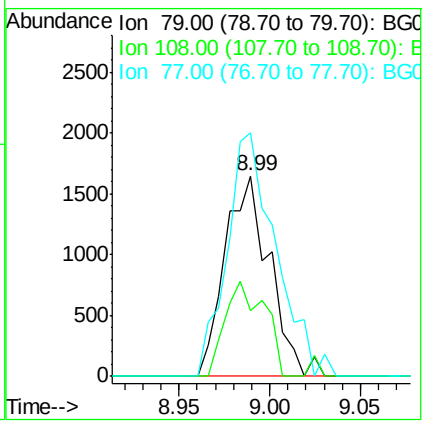


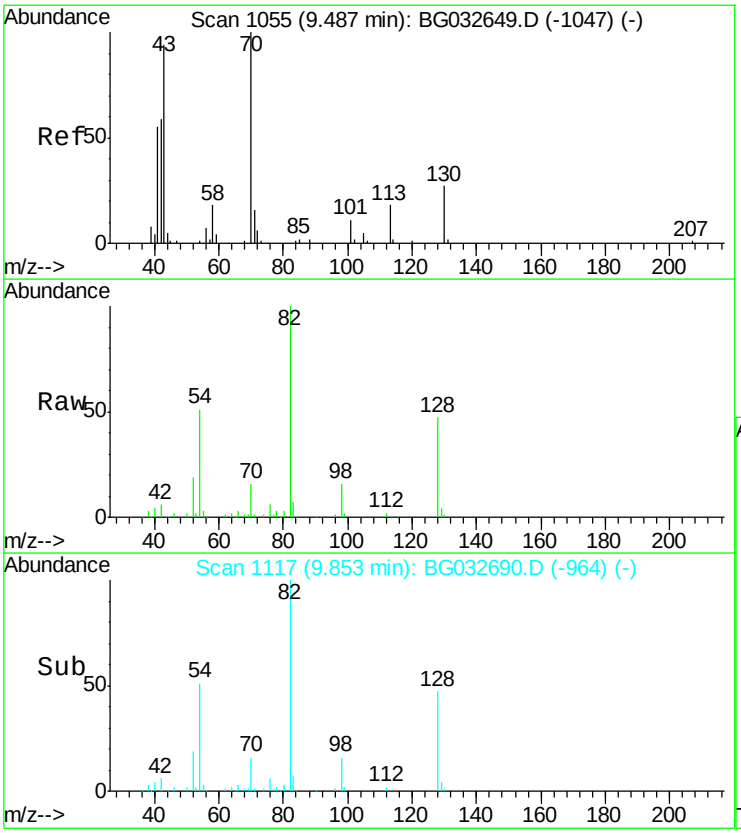
#15
Benzyl Alcohol
Concen: 3.03 ng
RT: 8.99 min Scan# 970
Delta R.T. 0.07 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2821

Ion	Ratio	Lower	Upper
79	100		
108	32.5	57.2	85.8#
77	121.6	46.1	69.1#

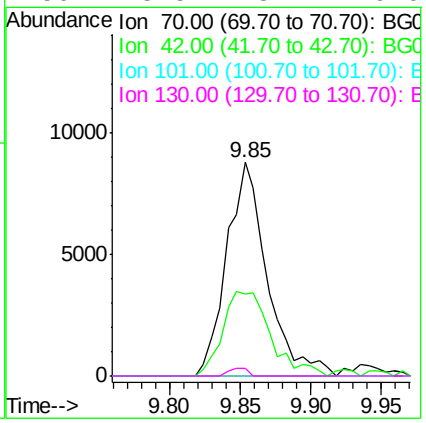


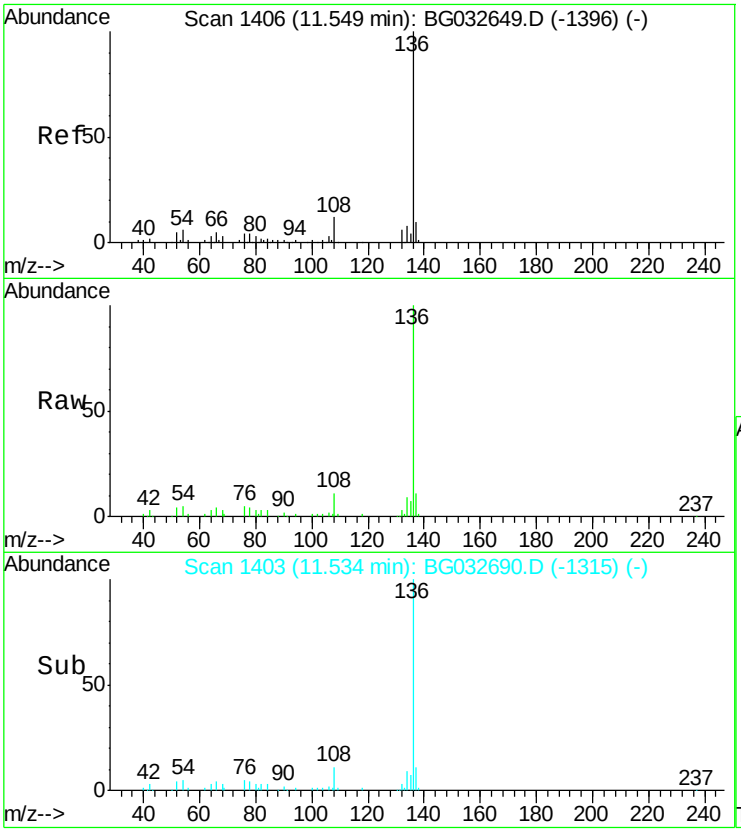


#19
n-Nitroso-di-n-propylamine
Concen: 20.84 ng
RT: 9.85 min Scan# 1117
Delta R.T. 0.37 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion: 70 Resp: 17431

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.1	73.7#
101	0.0	8.5	12.7#
130	3.5	13.4	20.0#



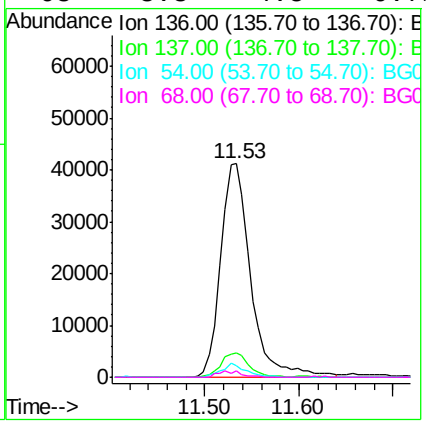


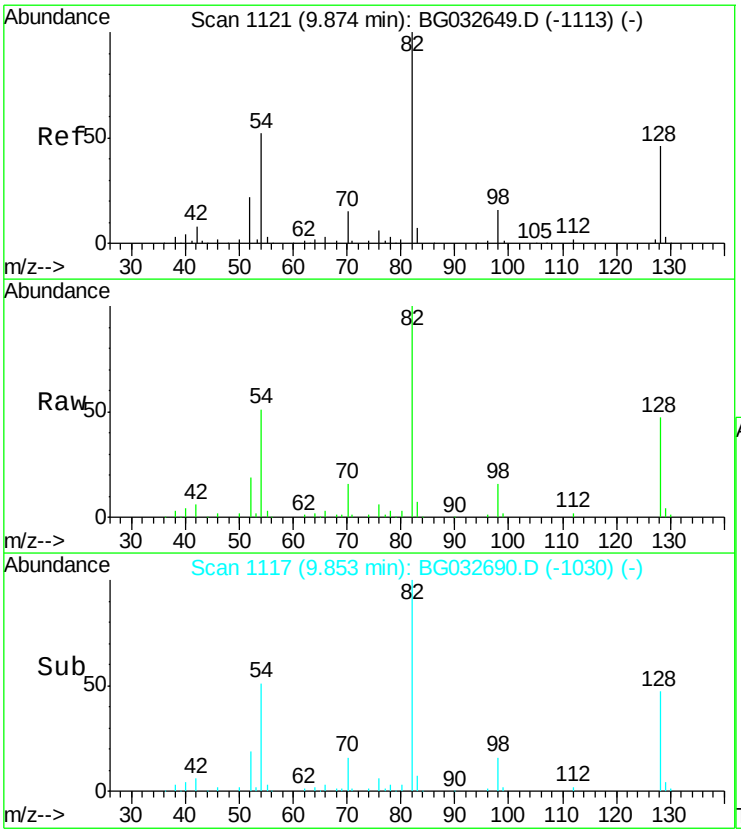
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 91462

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.3	10.3	15.5#
68	3.3	4.5	6.7#

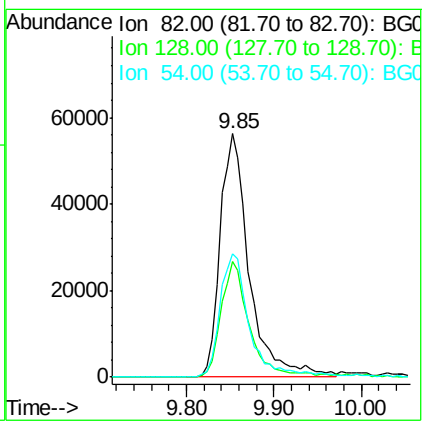


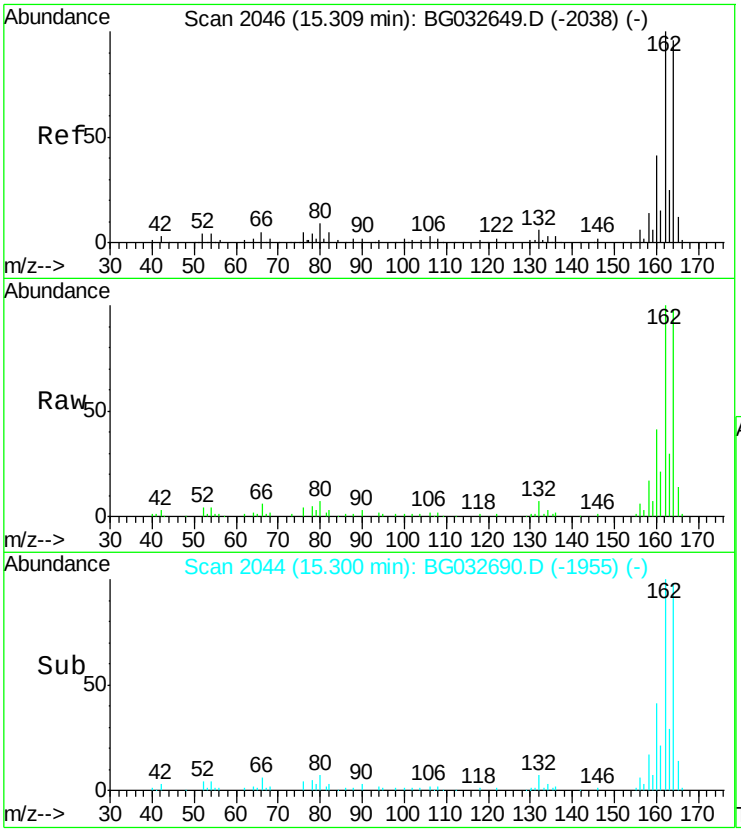


#23
Nitrobenzene-d5
Concen: 89.25 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion: 82 Resp: 128441

Ion	Ratio	Lower	Upper
82	100		
128	47.4	29.7	44.5#
54	50.7	43.1	64.7



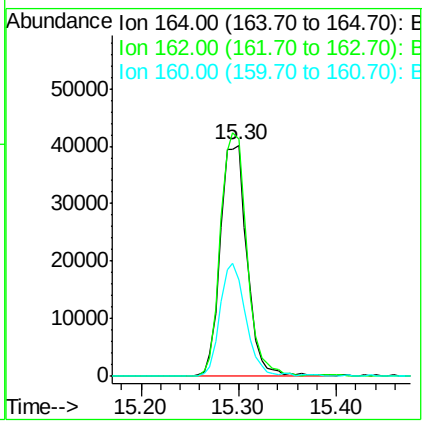


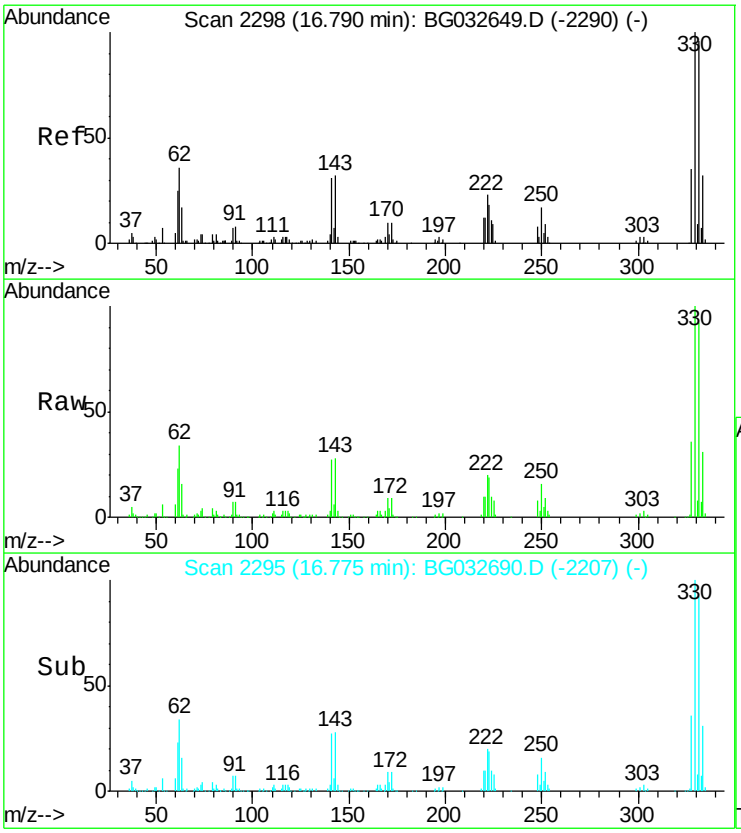
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 76632

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	41.8	35.4	53.0

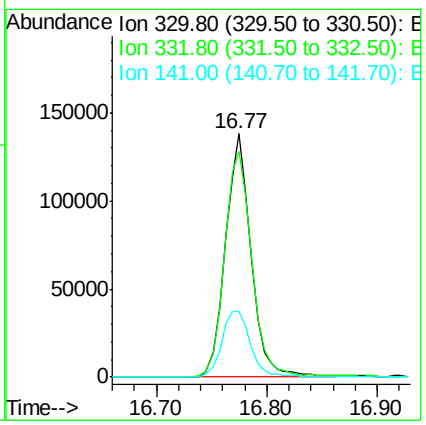


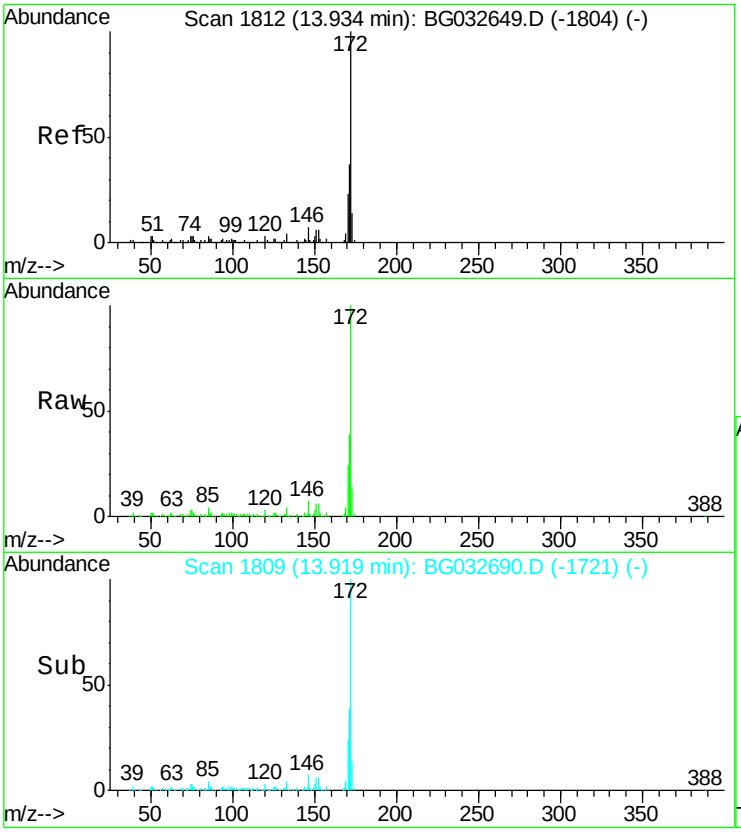


#41
2,4,6-Tribromophenol
Concen: 190.54 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:330 Resp: 224827

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	30.2	25.2	37.8



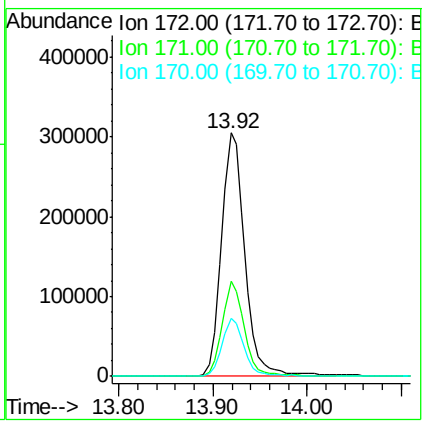


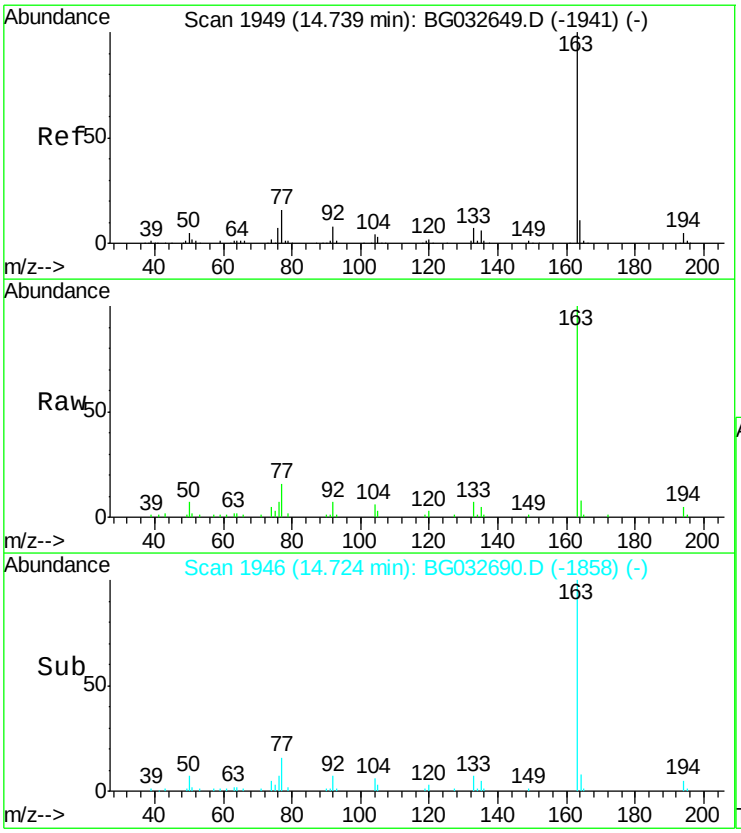
#44
2-Fluorobiphenyl
Concen: 86.16 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 527998

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	24.0	19.5	29.3

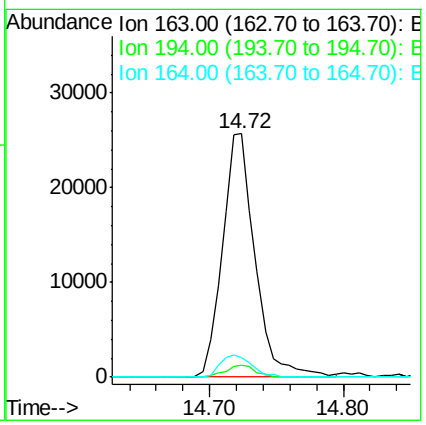


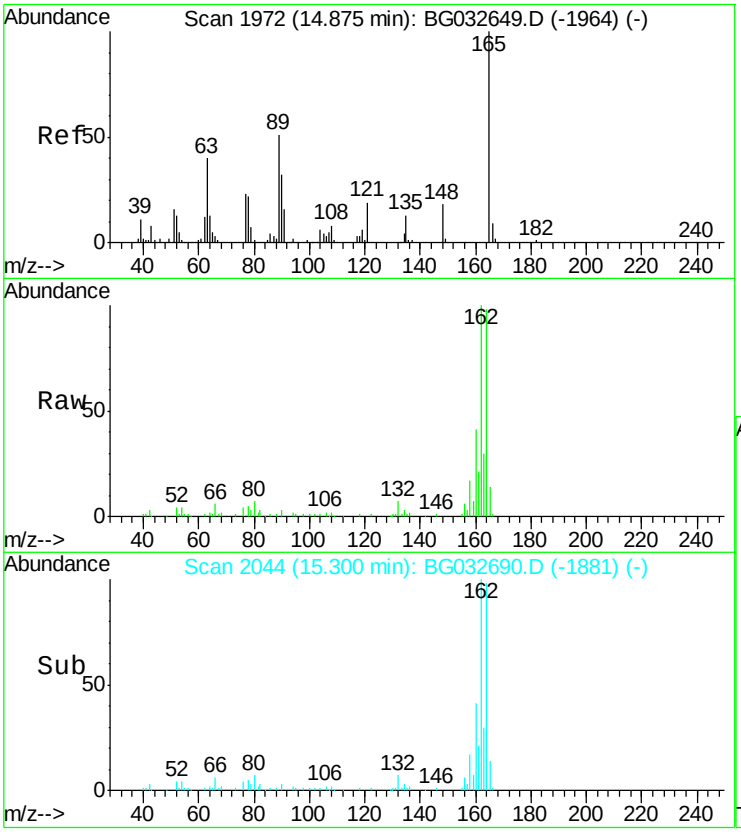


#49
Dimethylphthalate
Concen: 6.62 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:163 Resp: 43868

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2
164	8.1	8.2	12.4#



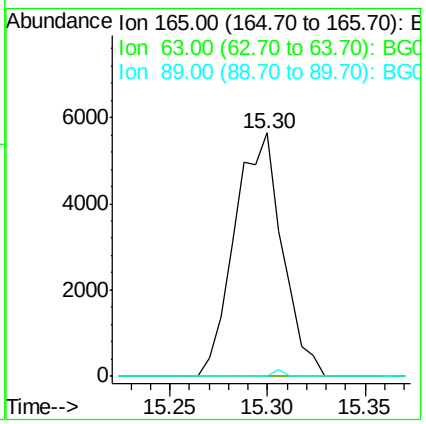


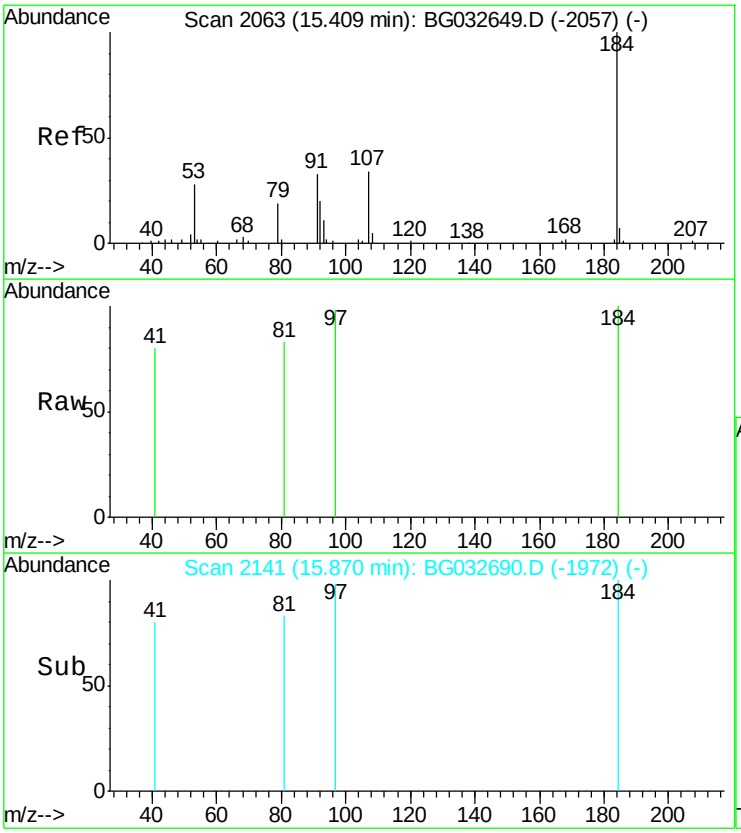
#50
2,6-Dinitrotoluene
Concen: 6.98 ng
RT: 15.30 min Scan# 2044
Delta R.T. 0.43 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9519

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

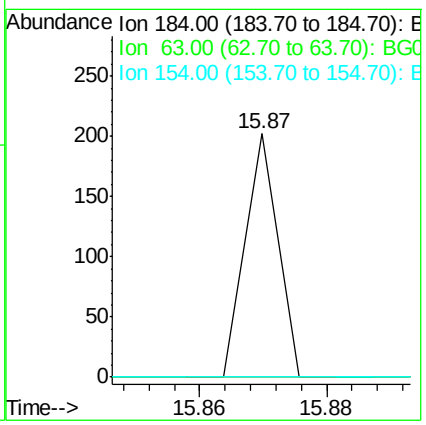


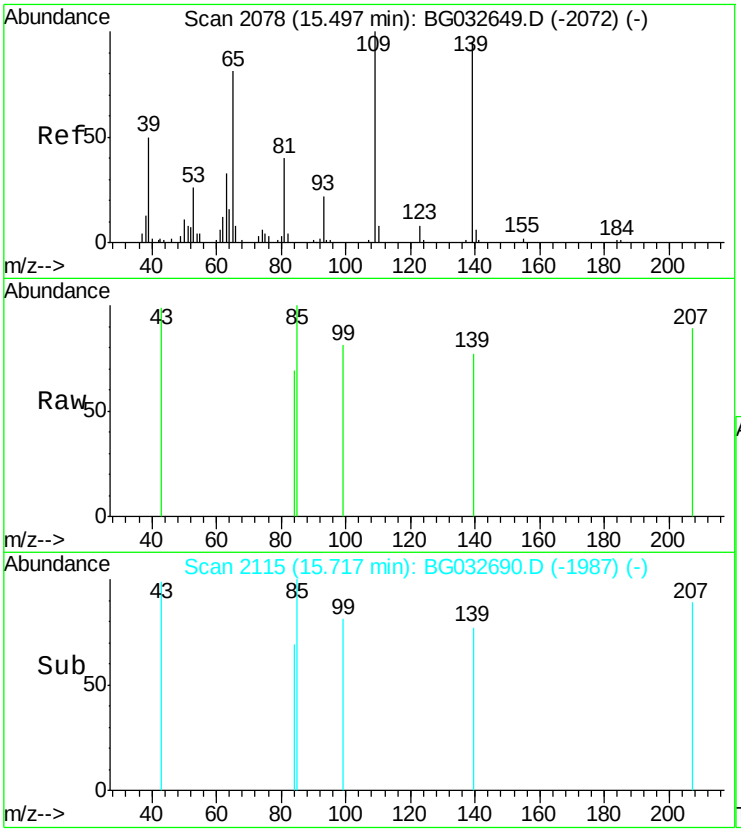


#53
2,4-Dinitrophenol
Concen: 11.54 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.46 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:184 Resp: 71

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



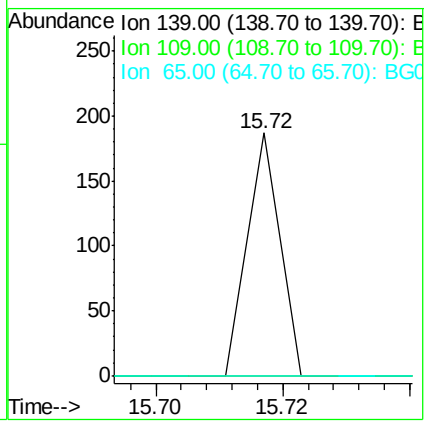


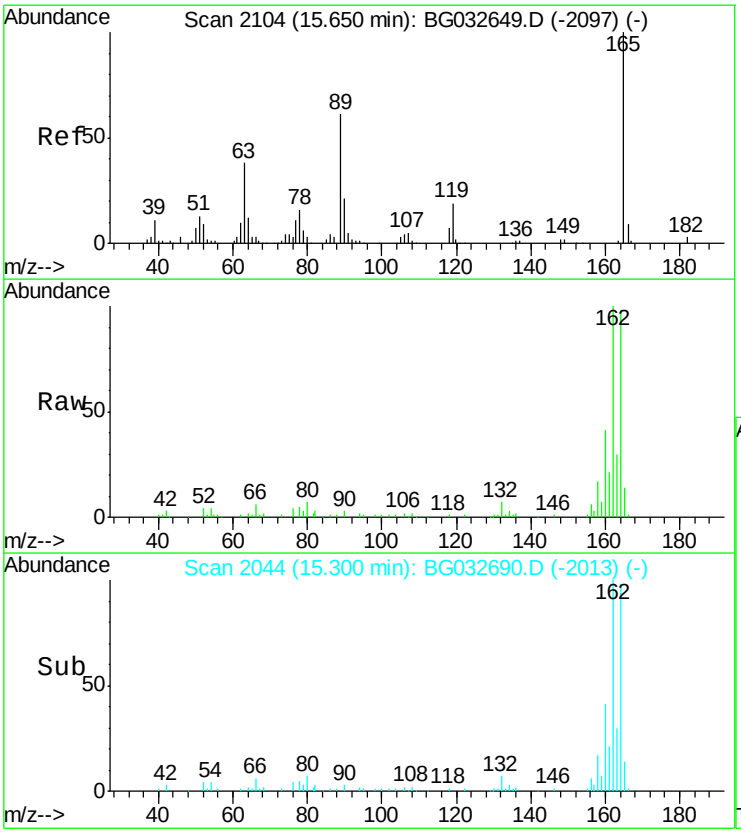
#55
4-Nitrophenol
Concen: 5.55 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.22 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 66

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

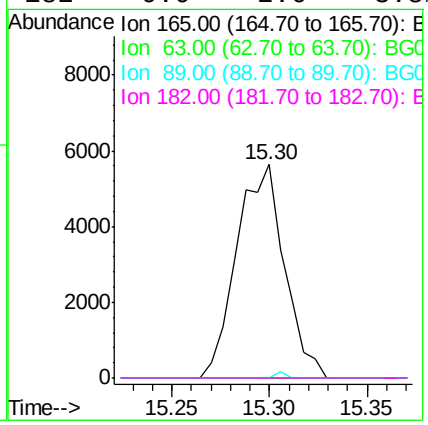


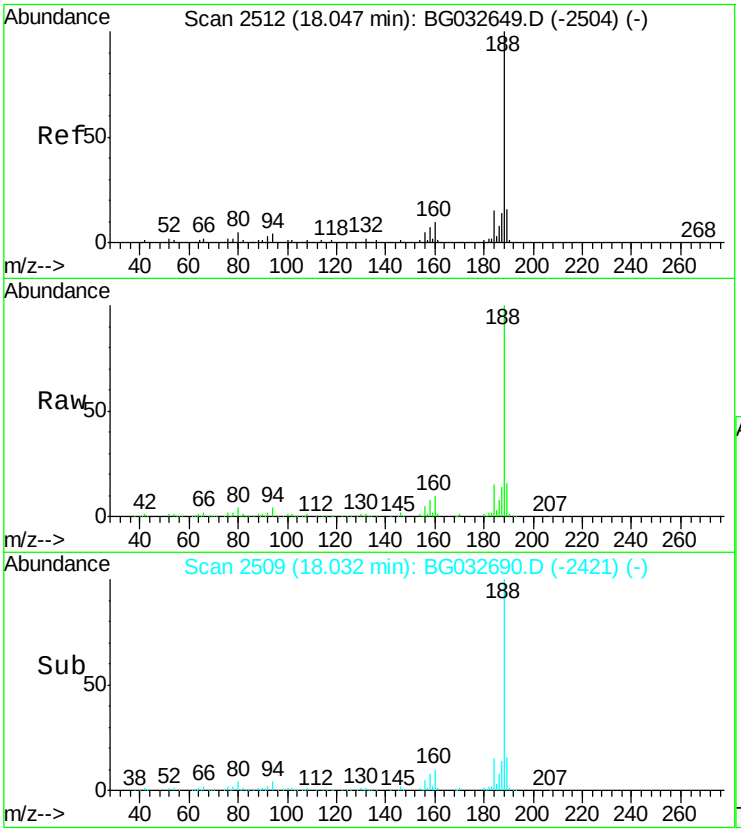


#56
2,4-Dinitrotoluene
Concen: 5.06 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.35 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:165 Resp: 9519

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



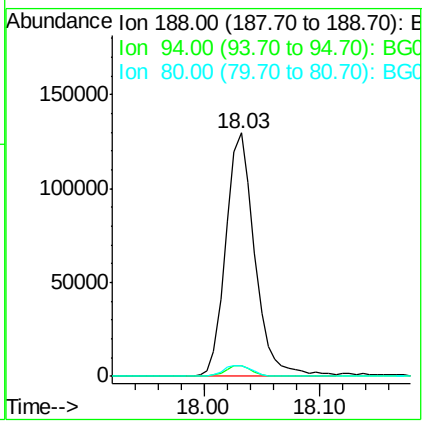


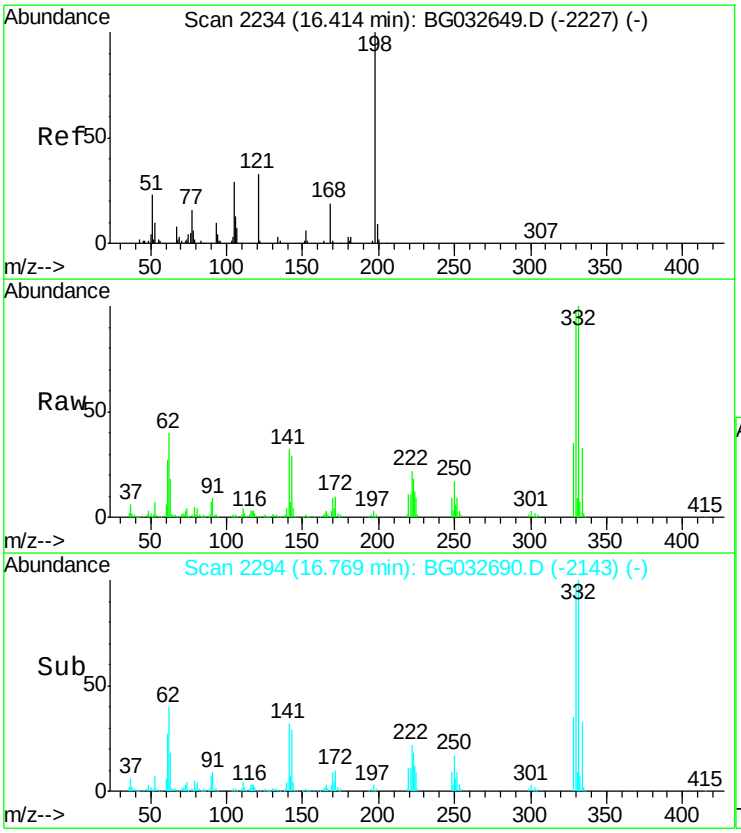
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 226394

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.2	7.7	11.5#

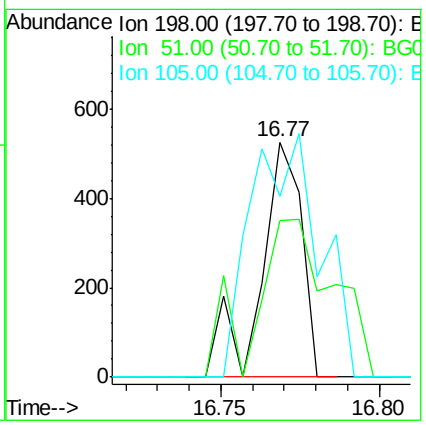


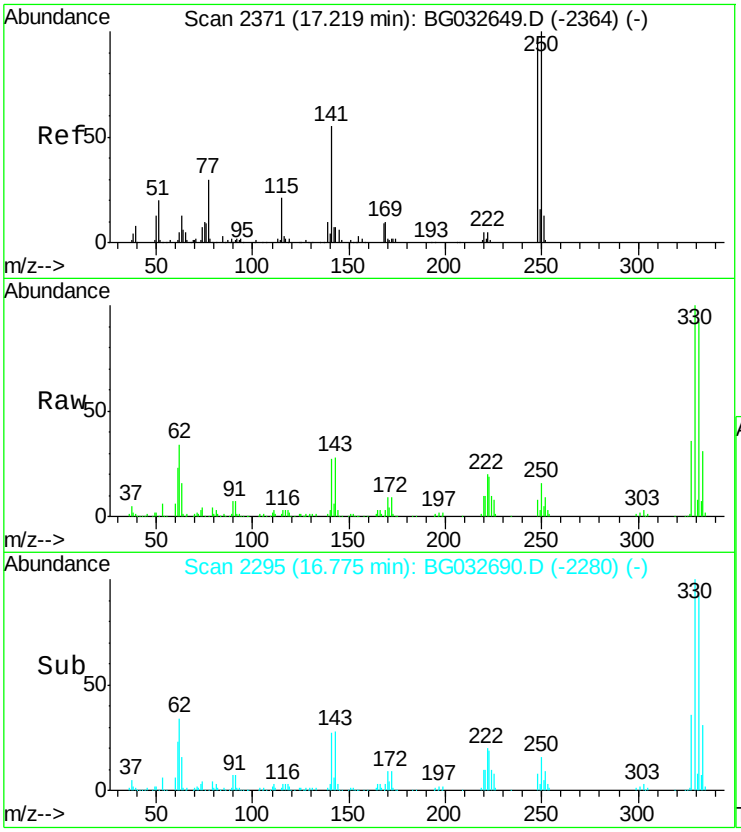


#64
4,6-Dinitro-2-methylphenol
Concen: 5.28 ng
RT: 16.77 min Scan# 2294
Delta R.T. 0.36 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:198 Resp: 468

Ion	Ratio	Lower	Upper
198	100		
51	66.3	30.6	70.6
105	77.0	23.8	63.8#



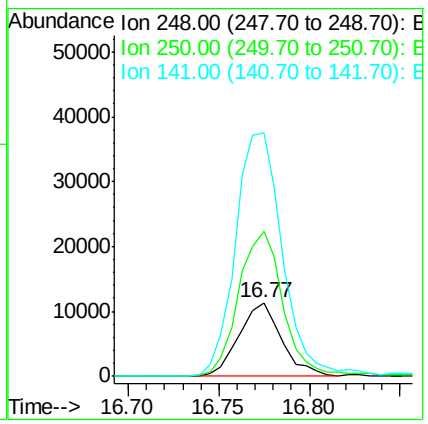


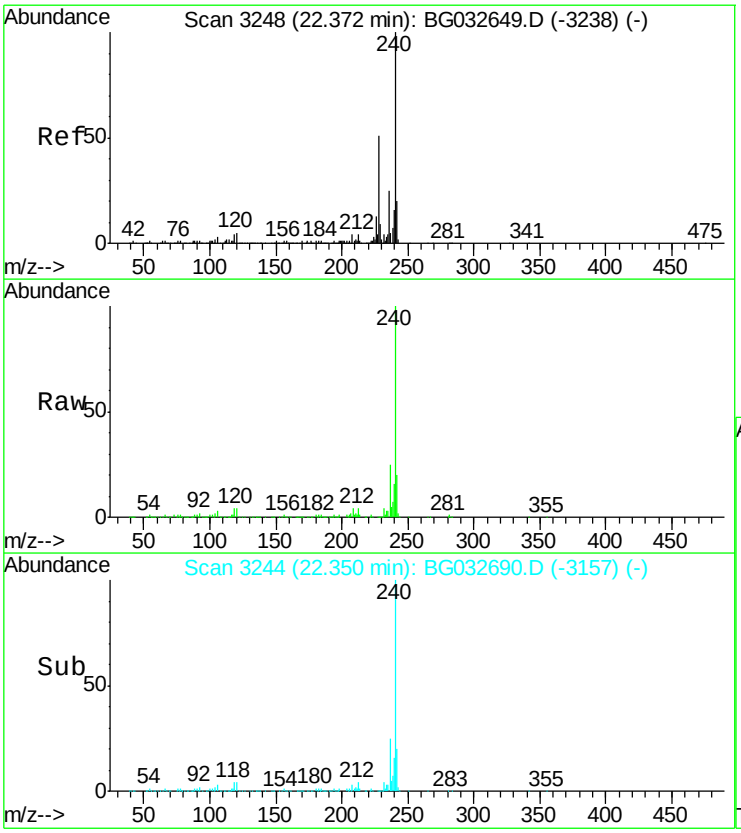
#66
4-Bromophenyl-phenylether
Concen: 5.74 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.44 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18583

Ion	Ratio	Lower	Upper
248	100		
250	197.2	77.1	115.7#
141	330.0	50.8	76.2#

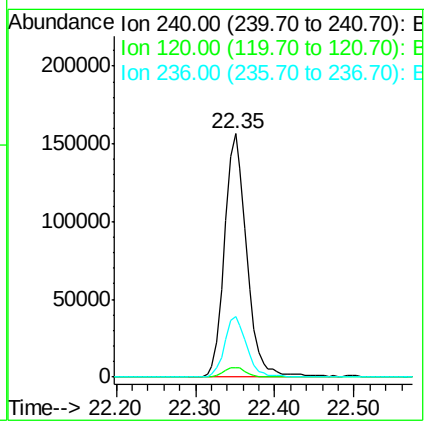


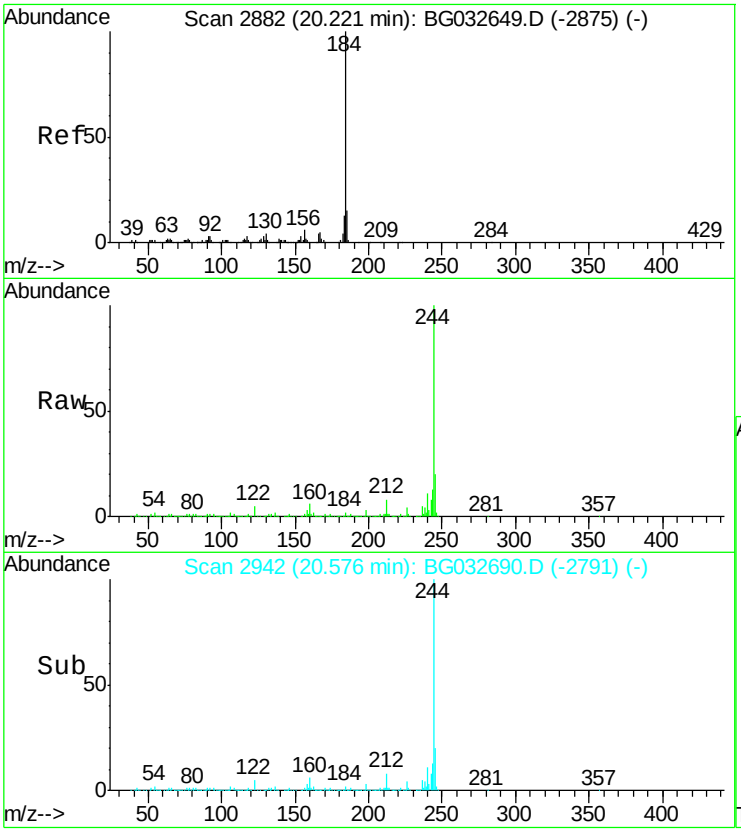


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:240 Resp: 303283

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	25.0	20.9	31.3



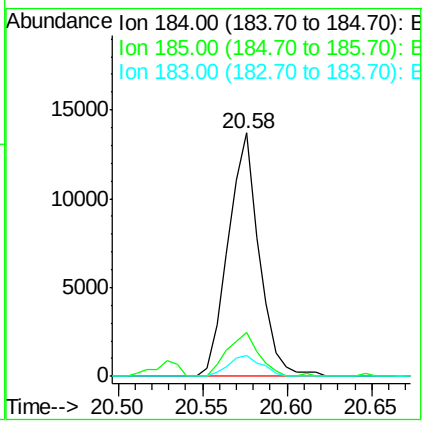


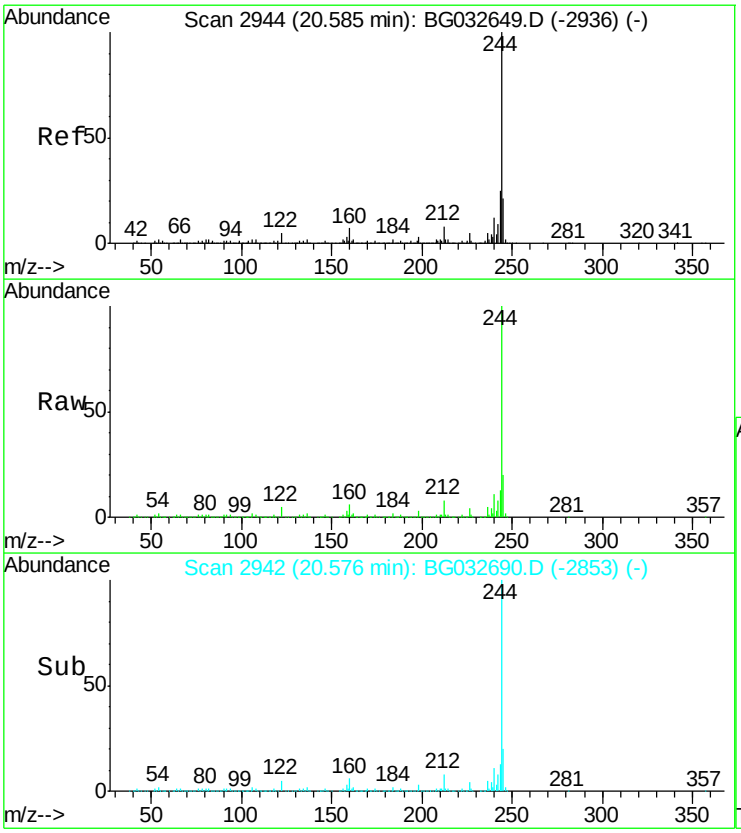
#76
Benzidine
Concen: 2.45 ng
RT: 20.58 min Scan# 2942
Delta R.T. 0.35 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17493

Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.1	16.7#
183	8.6	10.6	16.0#

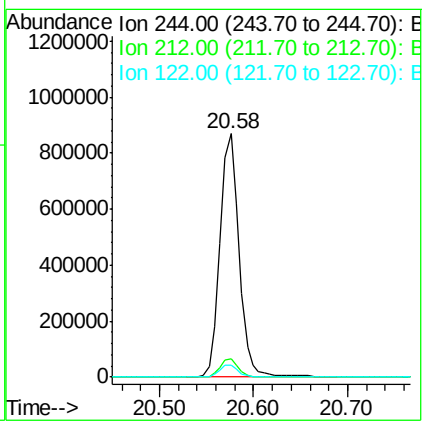


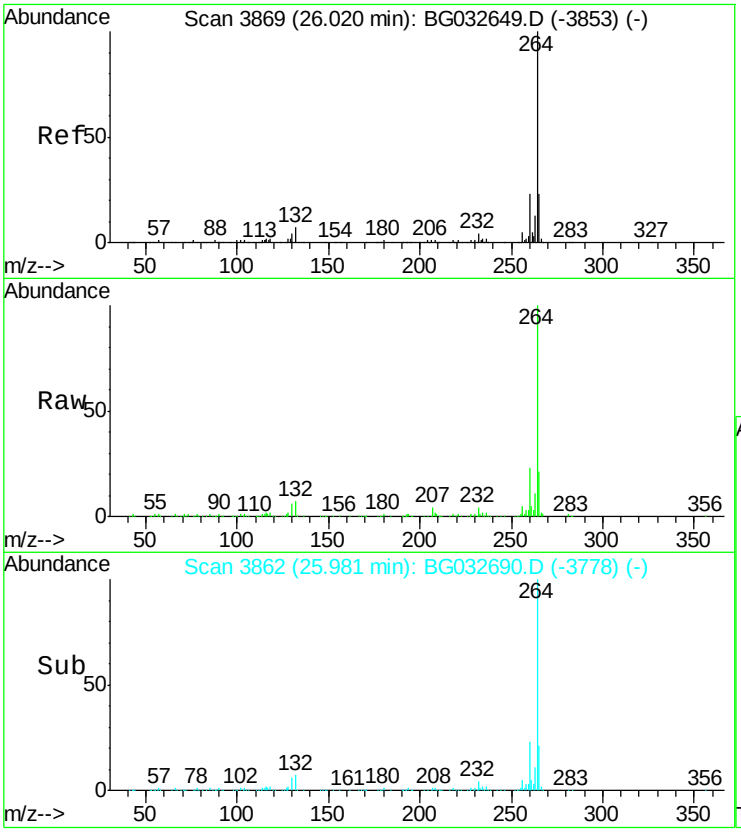


#78
Terphenyl-d14
Concen: 93.17 ng
RT: 20.58 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Tgt Ion:244 Resp: 1239771

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.98 min Scan# 3862
Delta R.T. -0.04 min
Lab File: BG032690.D
Acq: 14 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 309079

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.7	17.7	26.5