Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045975.D
Acq On : 8 Jul 2020 10:51
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129955BL

Quant Time: Jul 08 11:41:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	148832	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	597583	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	363513	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	750531	20.00	ng	0.00
76) Chrysene-d12	21.62	240	692954	20.00	ng	0.00
86) Perylene-d12	24.78	264	686081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1102264	120.10	ng	0.00
7) Phenol-d6	7.16	99	1523983	115.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	1023394	98.57	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	433365	128.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1966617	84.39	ng	0.00
79) Terphenyl-d14	19.99	244	2616557	84.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	138831	14.956	ng	# 80
32) Benzoic acid	10.30	122	94	6.522	ng	# 24
48) 2-Nitroaniline	14.01	65	141	3.391	ng	# 7
51) 2,6-Dinitrotoluene	14.63	165	47243	12.325	ng	# 18
53) 3-Nitroaniline	14.53	138	59	2.992	ng	# 1
54) 2,4-Dinitrophenol	14.65	184	54	6.138	ng	# 18
57) 2,4-Dinitrotoluene	14.63	165	47243	10.886	ng	# 20
65) 4,6-Dinitro-2-methylphenol	15.96	198	80	6.817	ng	# 29
67) 4-Bromophenyl-phenylether	16.11	248	30017	3.581	ng	# 1
77) Benzidine	19.99	184	56304	2.842	ng	# 92

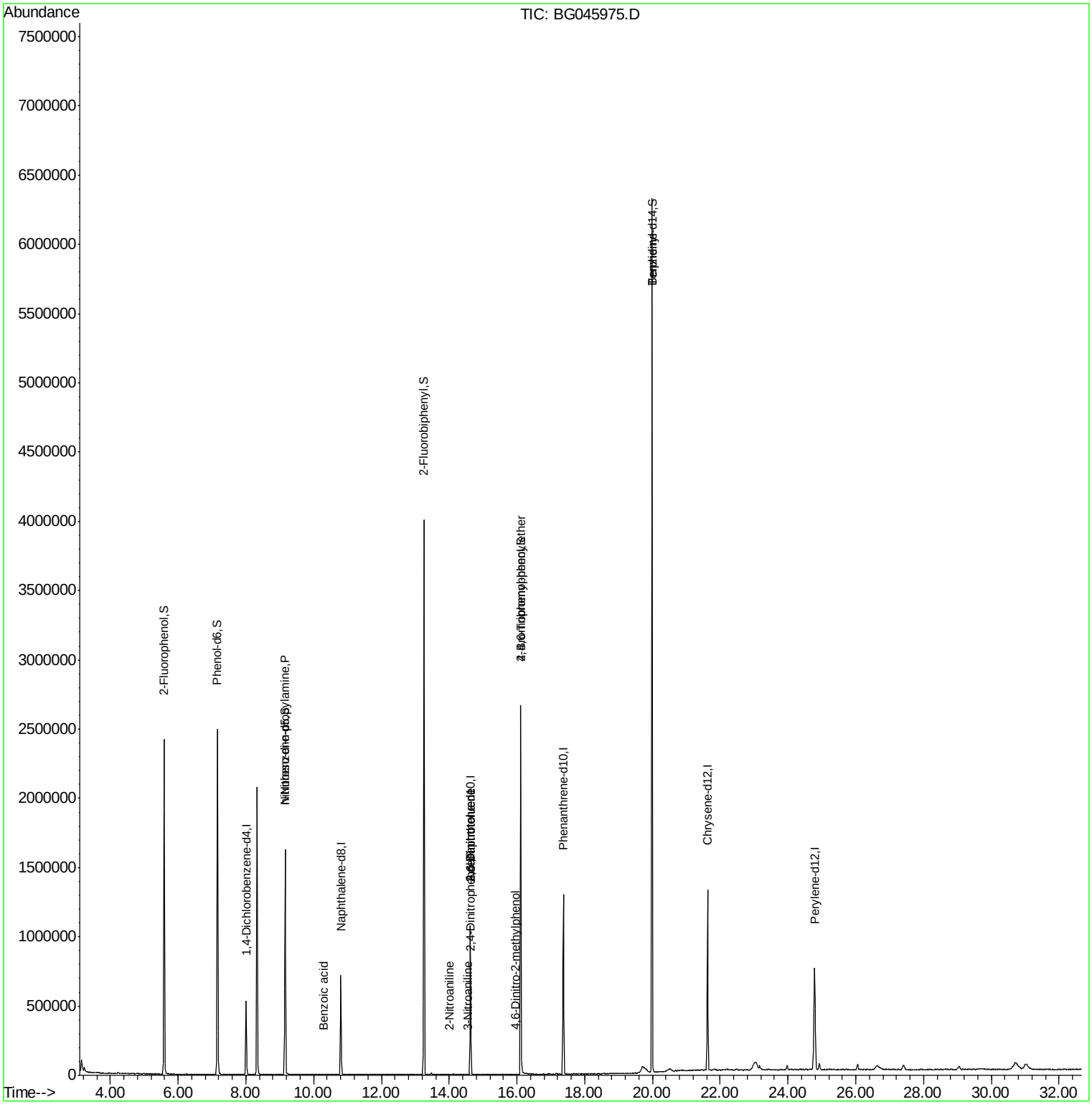
(#) = qualifier out of range (m) = manual integration (+) = signals summed

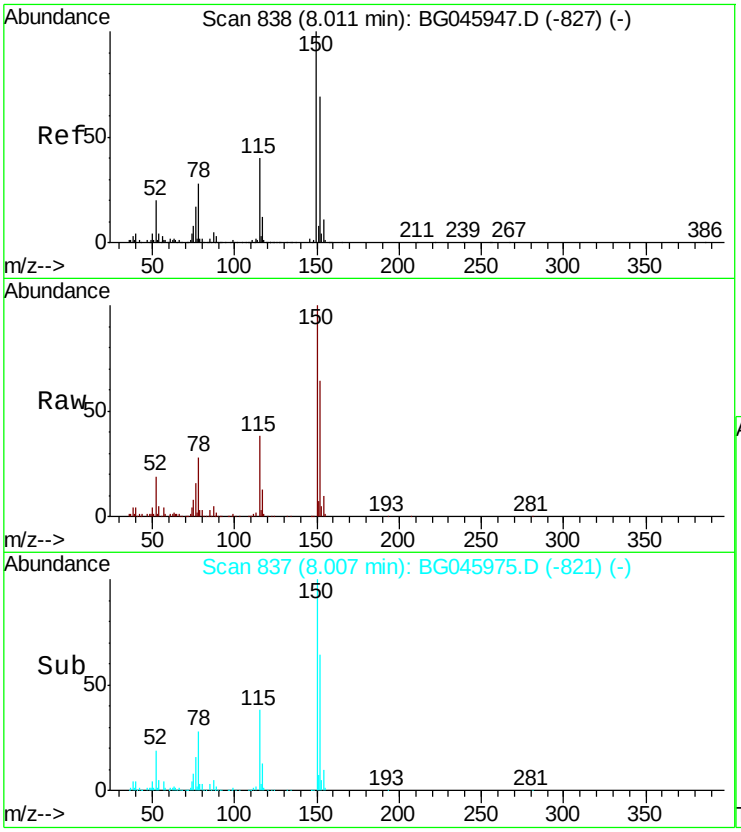
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045975.D
Acq On : 8 Jul 2020 10:51
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129955BL

Quant Time: Jul 08 11:41:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration



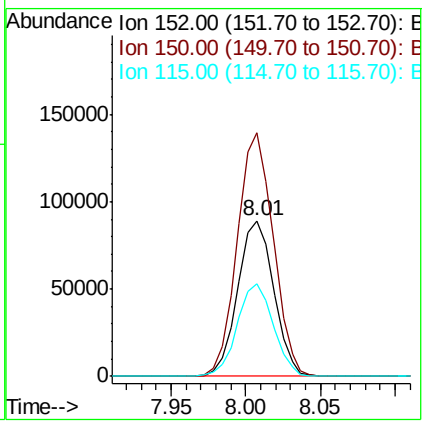


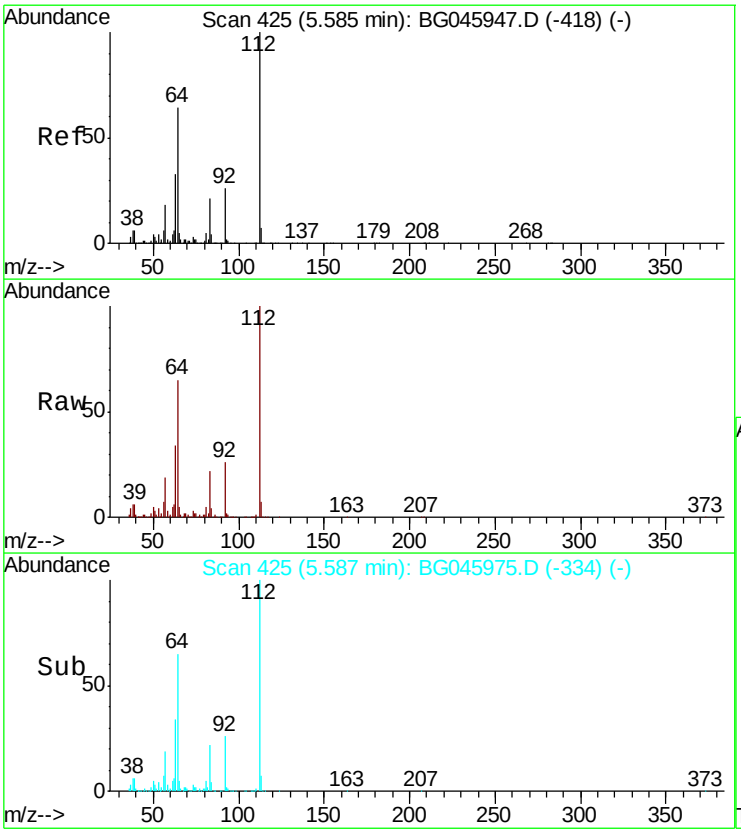
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:152 Resp: 148832

Ion	Ratio	Lower	Upper
152	100		
150	156.2	116.7	175.1
115	59.4	47.4	71.0

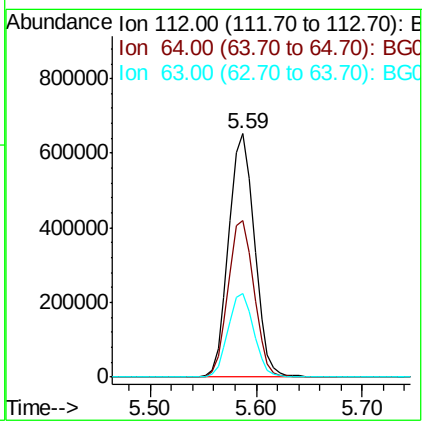


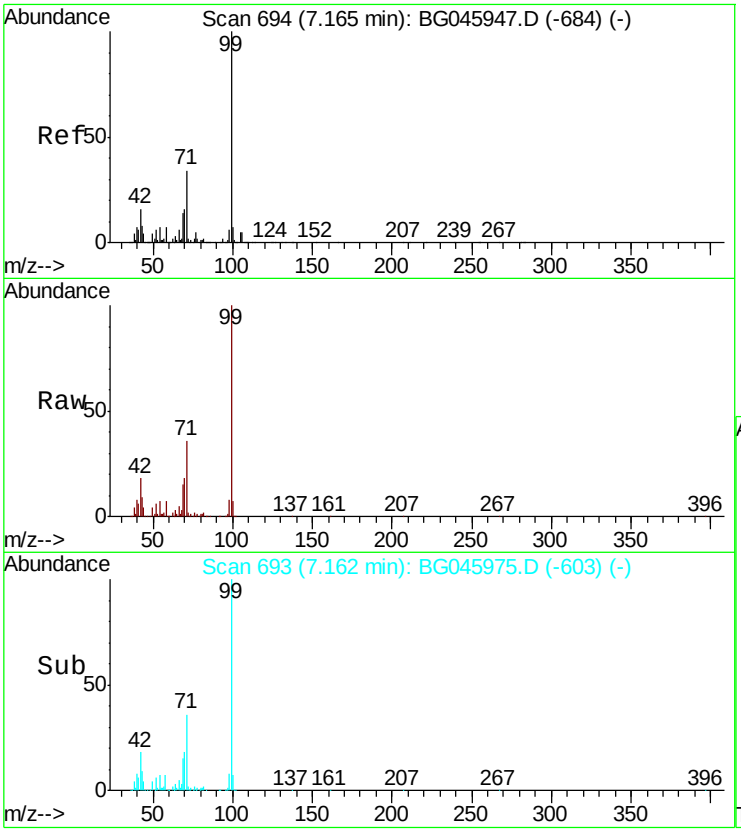


#5
2-Fluorophenol
Concen: 120.102 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:112 Resp: 1102264

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.4	77.2
63	34.2	26.6	40.0



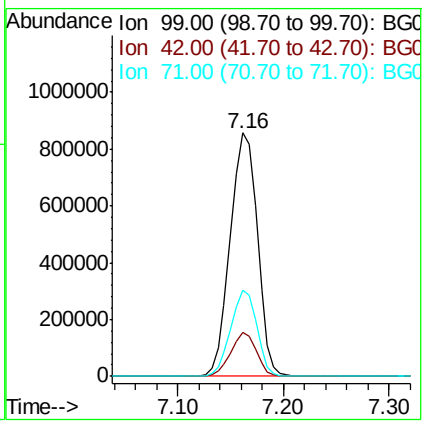


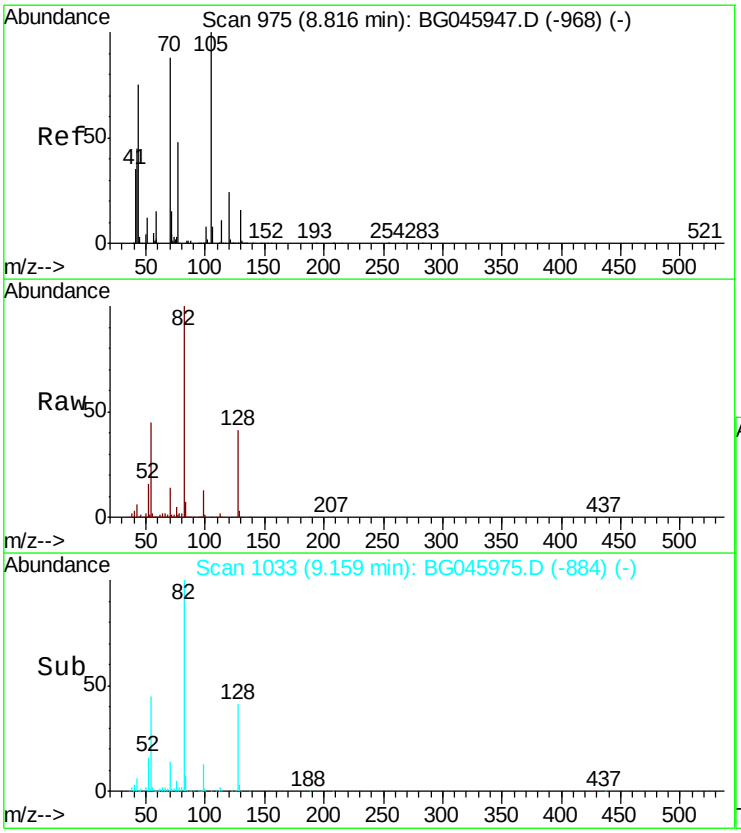
#7
Phenol-d6
Concen: 115.337 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion: 99 Resp: 1523983

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.0	19.4
71	35.6	27.5	41.3

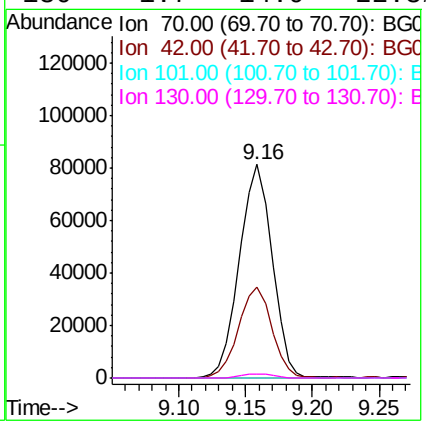


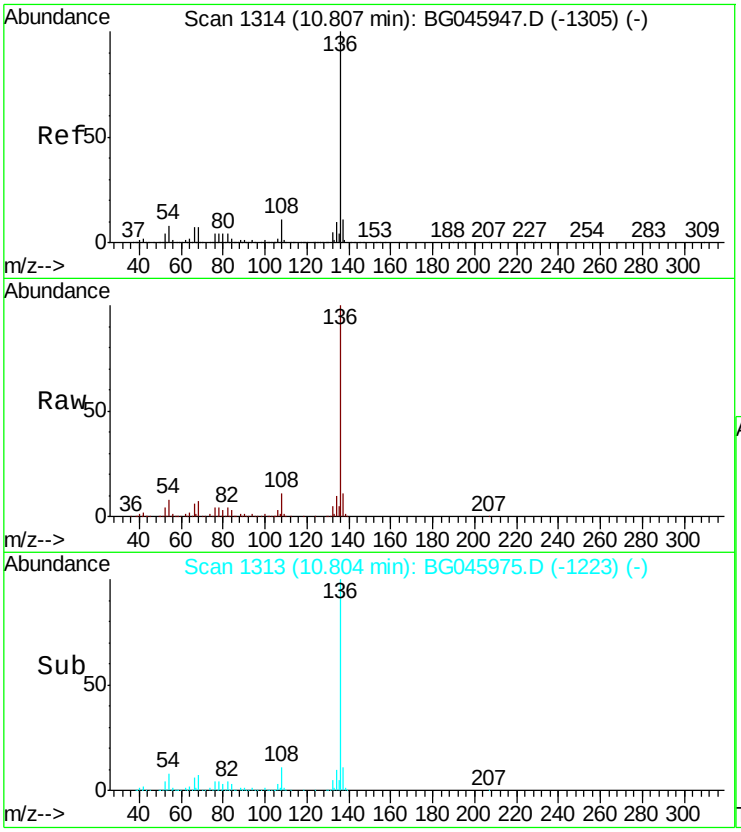


#19
n-Nitroso-di-n-propylamine
Concen: 14.956 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion: 70 Resp: 138831

Ion	Ratio	Lower	Upper
70	100		
42	42.3	41.4	62.0
101	0.0	7.1	10.7#
130	1.7	14.9	22.3#



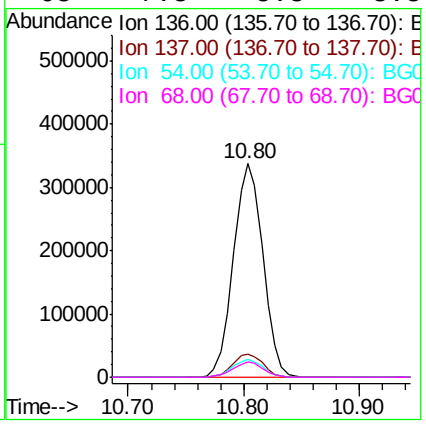


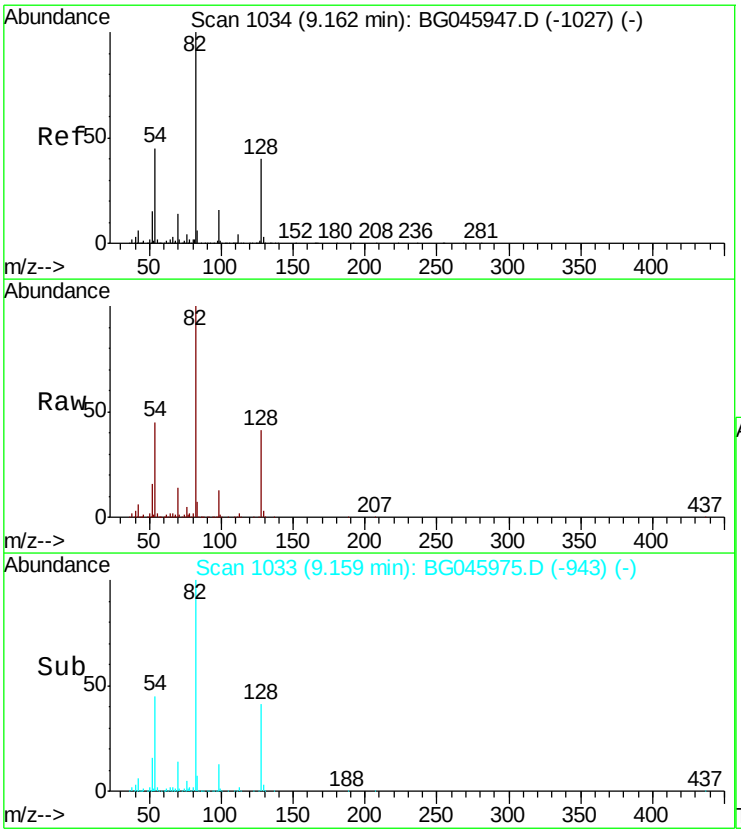
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:136 Resp: 597583

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.2	6.2	9.4
68	7.3	5.8	8.8

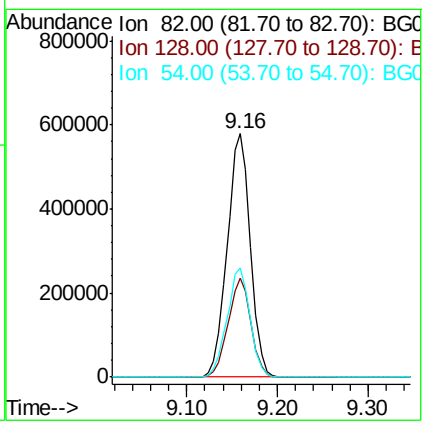


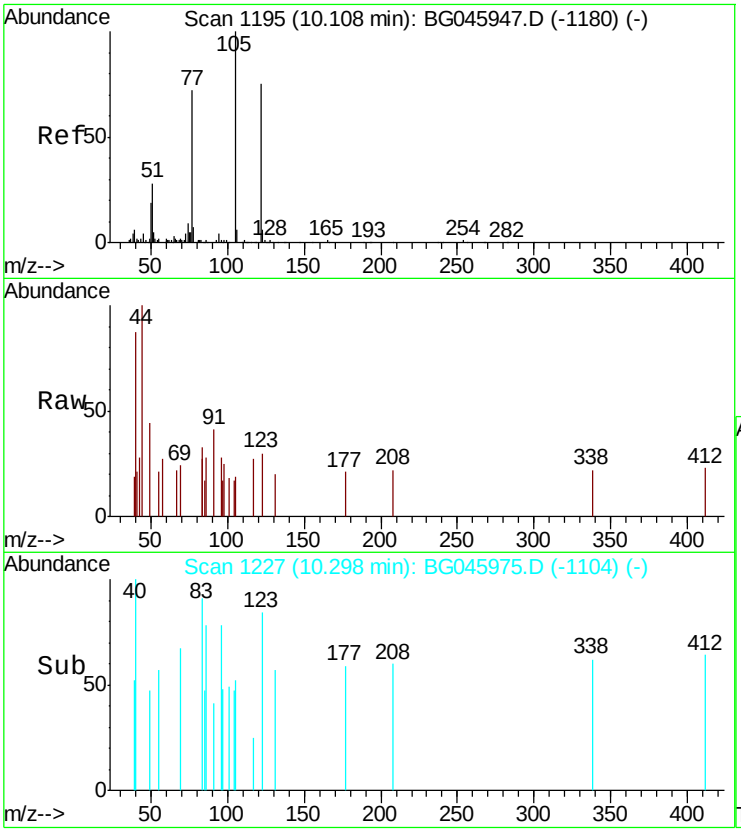


#23
Nitrobenzene-d5
Concen: 98.571 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion: 82 Resp: 1023394

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.4
54	44.7	35.8	53.6



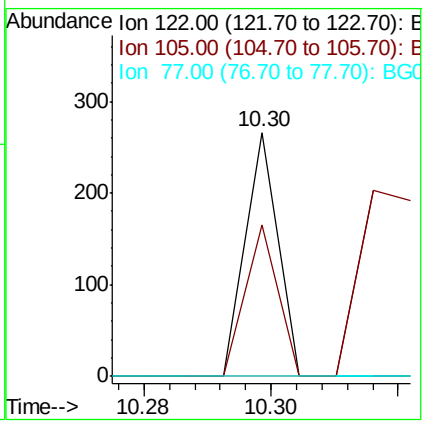


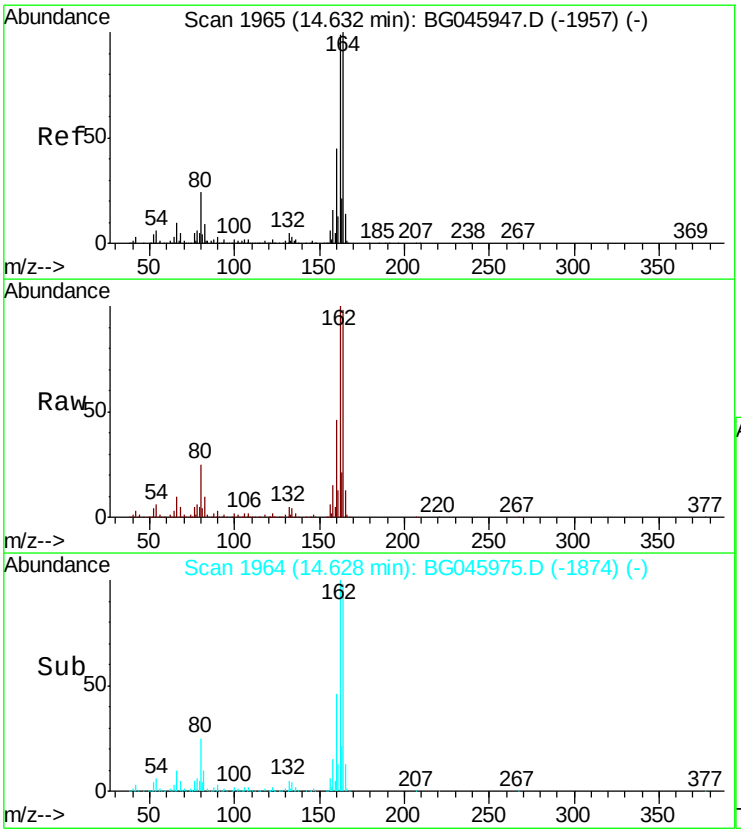
#32
Benzoic acid
Concen: 6.522 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.19 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:122 Resp: 94

Ion	Ratio	Lower	Upper
122	100		
105	62.0	110.8	150.8#
77	0.0	76.4	116.4#

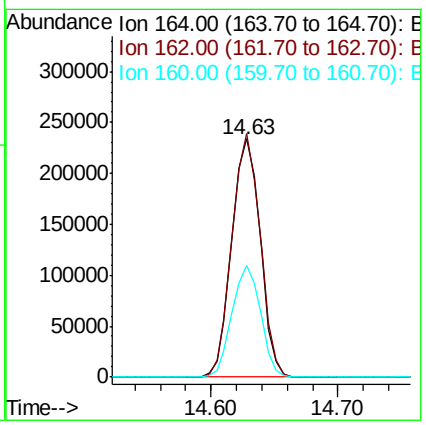


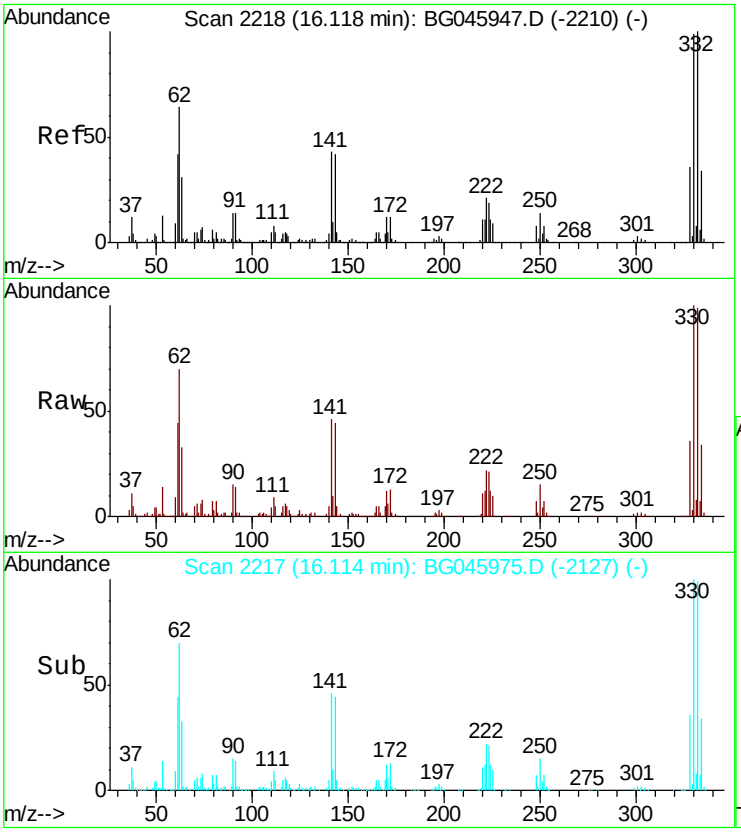


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:164 Resp: 363513

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.3	118.9
160	47.1	35.7	53.5



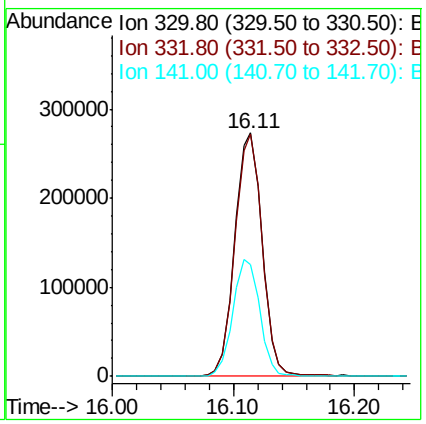


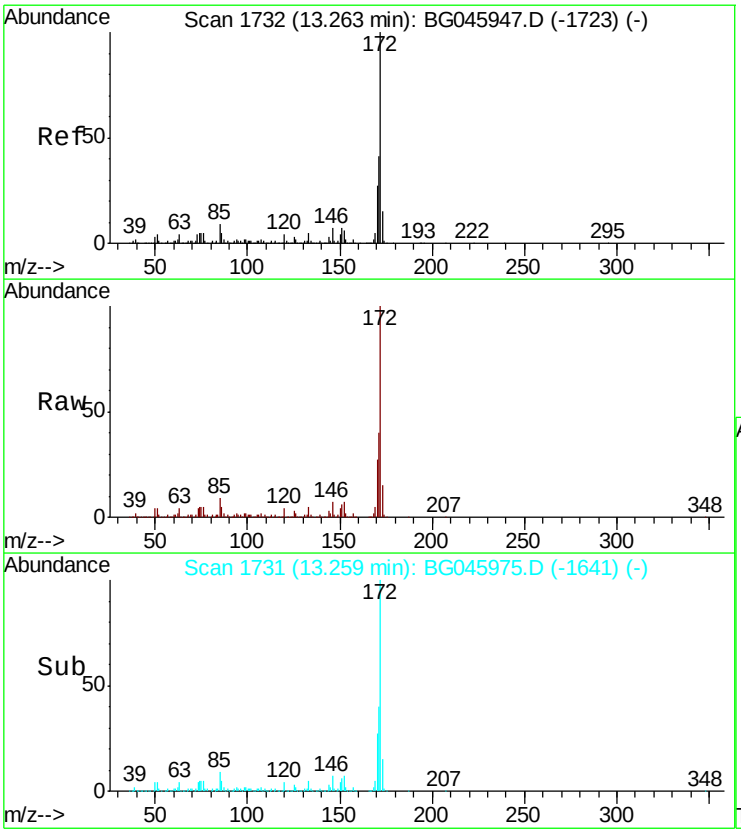
#42
2,4,6-Tribromophenol
Concen: 128.451 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:330 Resp: 433365

Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.3	117.5
141	47.5	36.6	54.8

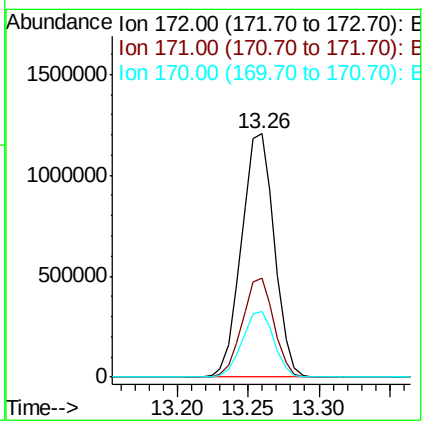


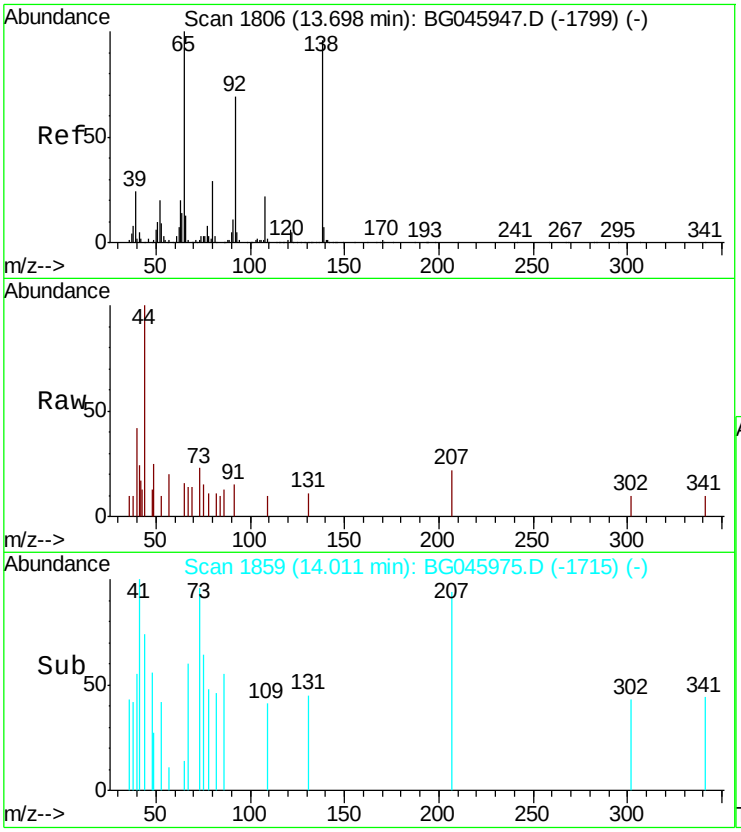


#45
2-Fluorobiphenyl
Concen: 84.387 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:172 Resp: 1966617

Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	27.2	21.8	32.6



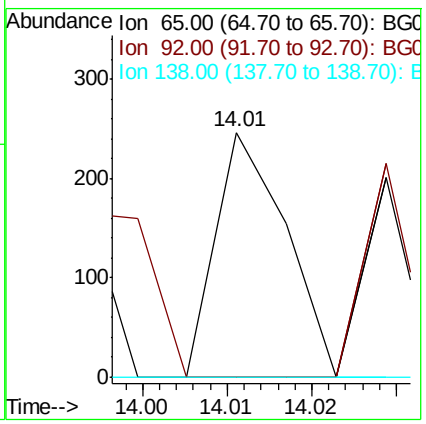


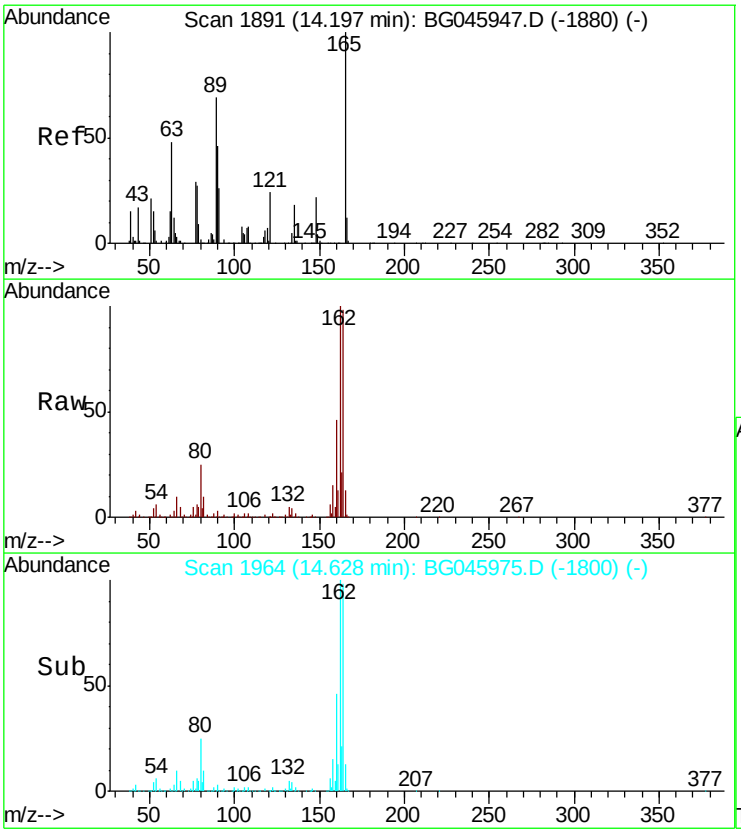
#48
2-Nitroaniline
Concen: 3.391 ng
RT: 14.01 min Scan# 1859
Delta R.T. 0.31 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion: 65 Resp: 141

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.4	83.0#
138	0.0	77.0	115.4#

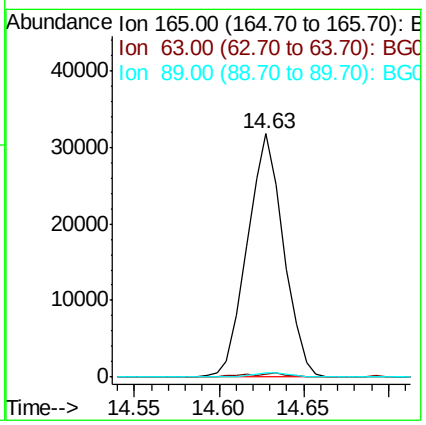


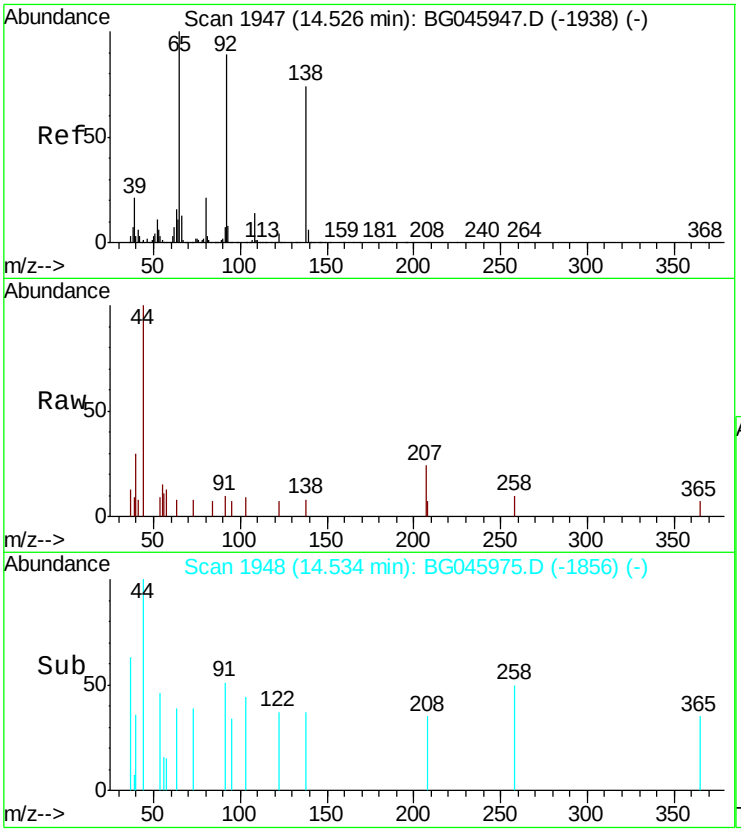


#51
2,6-Dinitrotoluene
Concen: 12.325 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:165 Resp: 47243

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.0	76.4#
89	1.6	55.7	83.5#



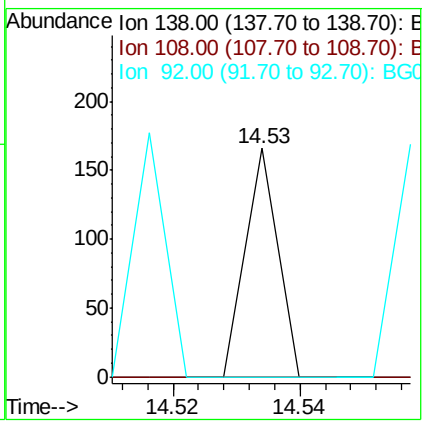


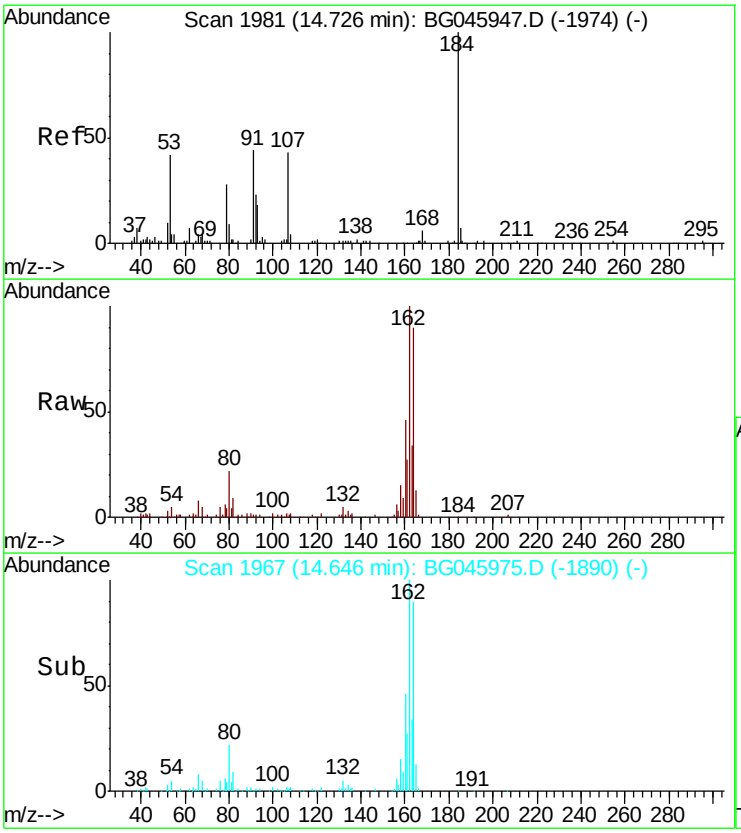
#53
3-Nitroaniline
Concen: 2.992 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
108	0.0	15.4	23.2#
92	0.0	95.9	143.9#

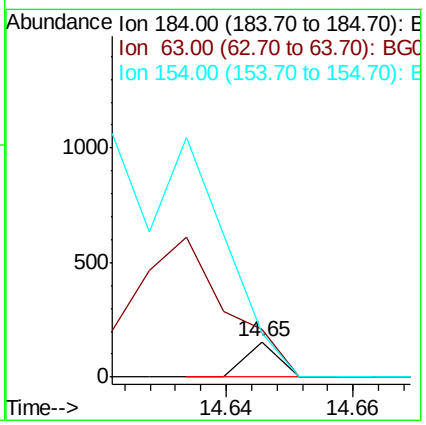


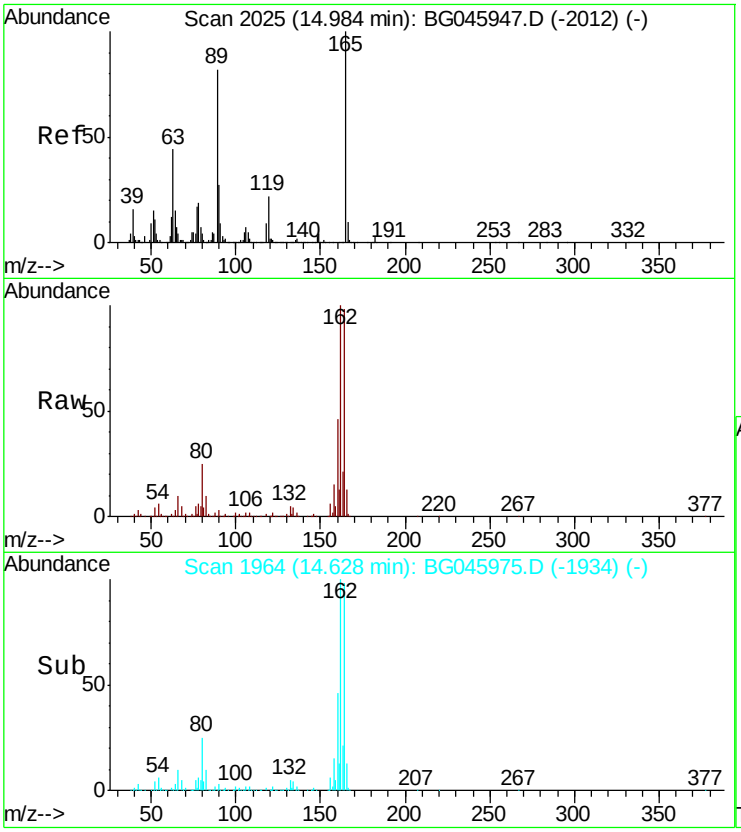


#54
2,4-Dinitrophenol
Concen: 6.138 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.08 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	136.4	46.0	69.0#
154	125.3	58.2	87.2#



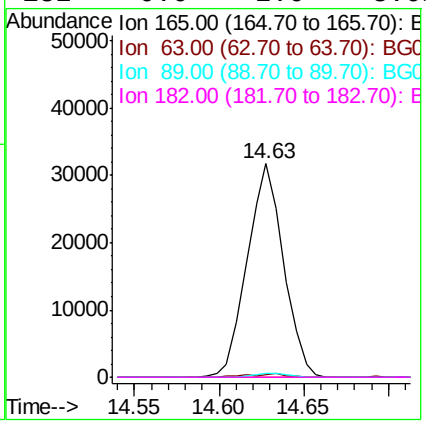


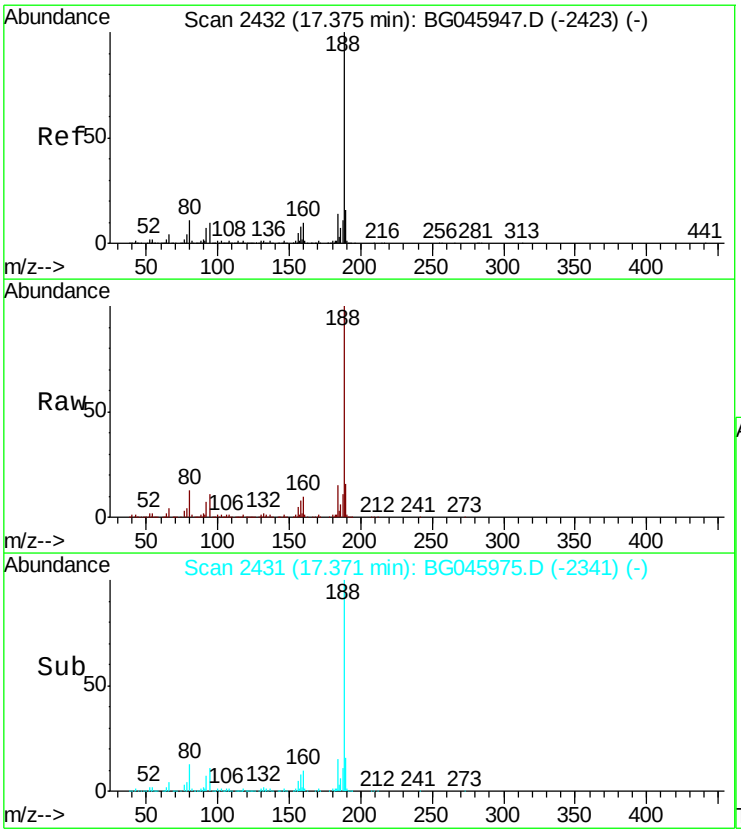
#57
2,4-Dinitrotoluene
Concen: 10.886 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:165 Resp: 47243

Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.6	65.4	98.2#
182	0.0	2.0	3.0#

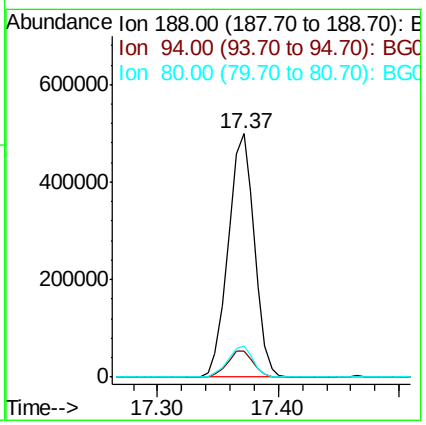


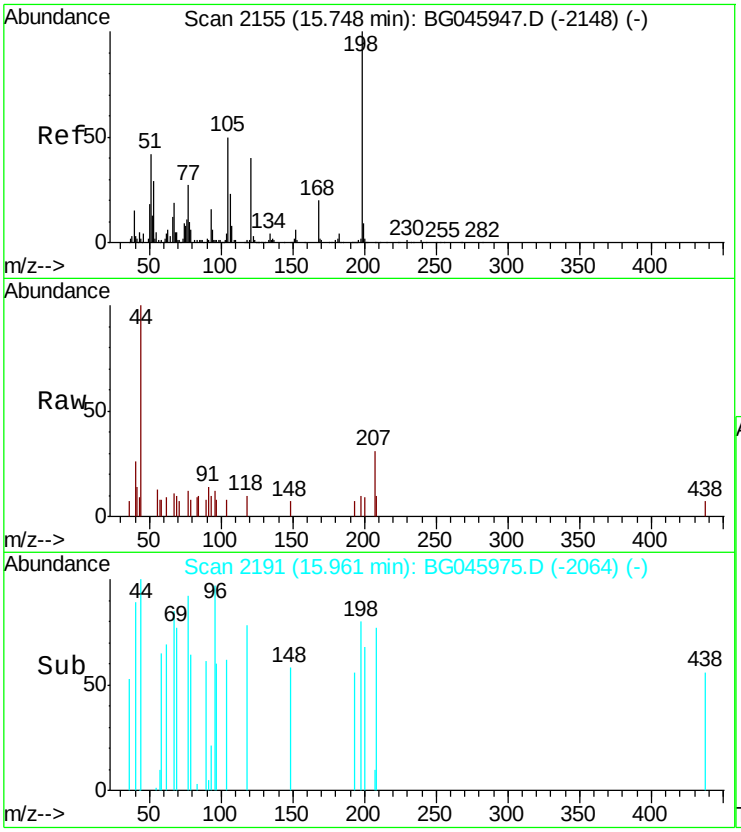


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:188 Resp: 750531

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.6	9.0	13.6



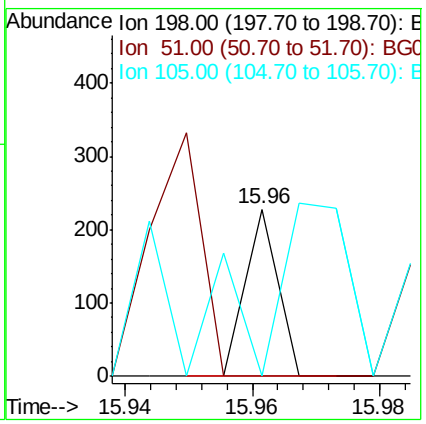


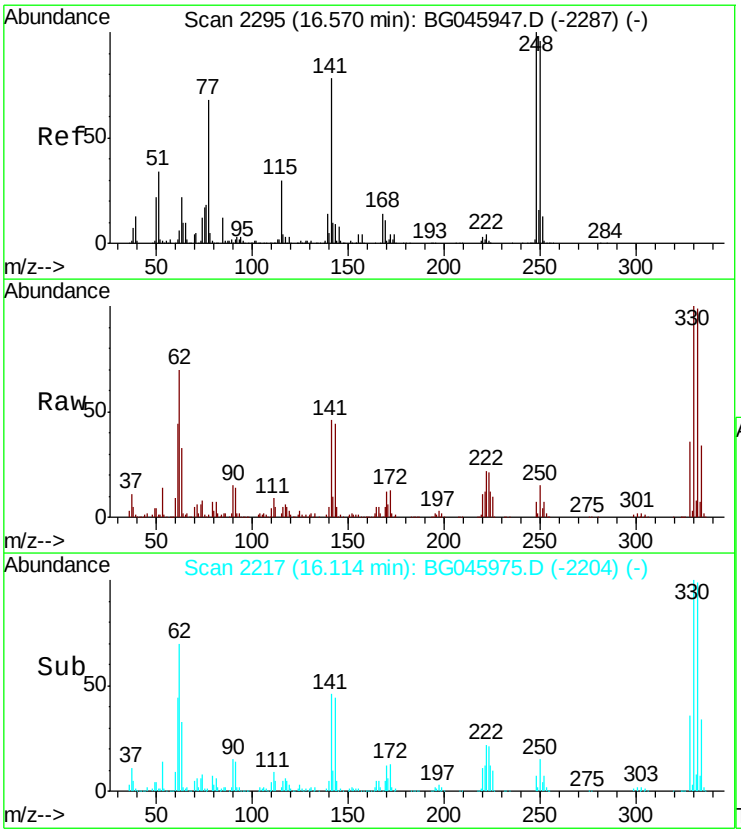
#65
4,6-Dinitro-2-methylphenol
Concen: 6.817 ng
RT: 15.96 min Scan# 2191
Delta R.T. 0.21 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:198 Resp: 80

Ion	Ratio	Lower	Upper
198	100		
51	0.0	24.5	64.5#
105	0.0	30.9	70.9#

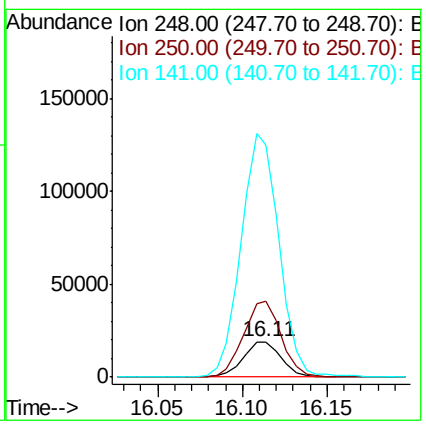


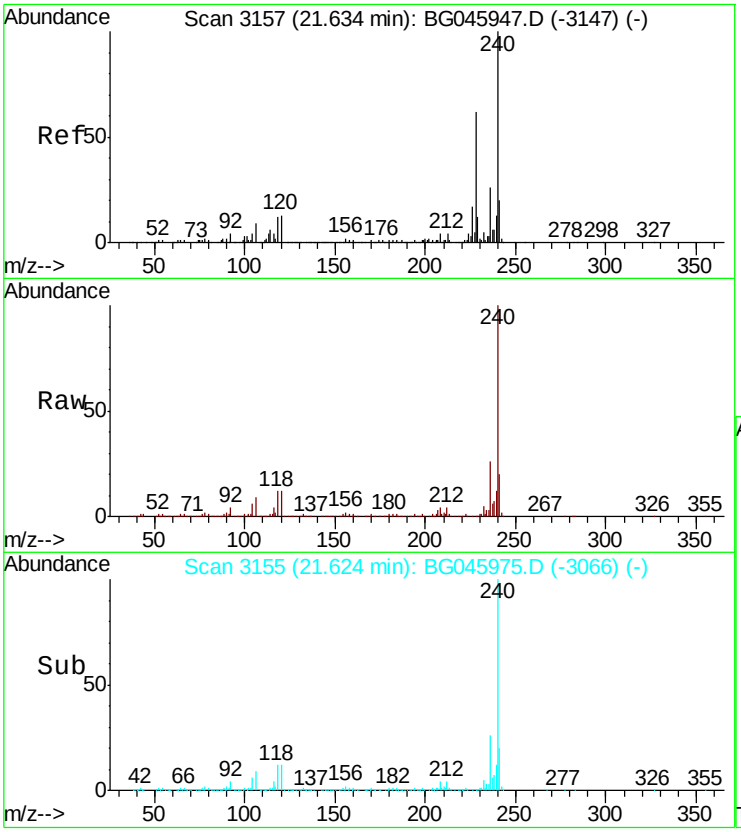


#67
4-Bromophenyl-phenylether
Concen: 3.581 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:248 Resp: 30017

Ion	Ratio	Lower	Upper
248	100		
250	213.6	76.6	114.8#
141	658.2	62.7	94.1#



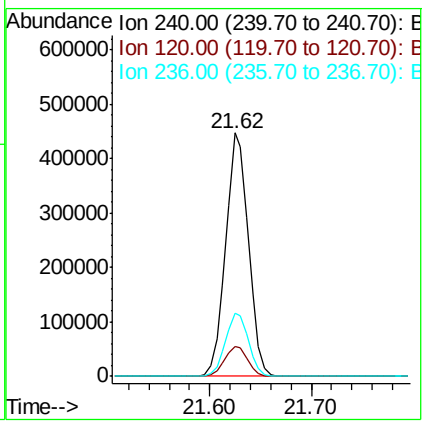


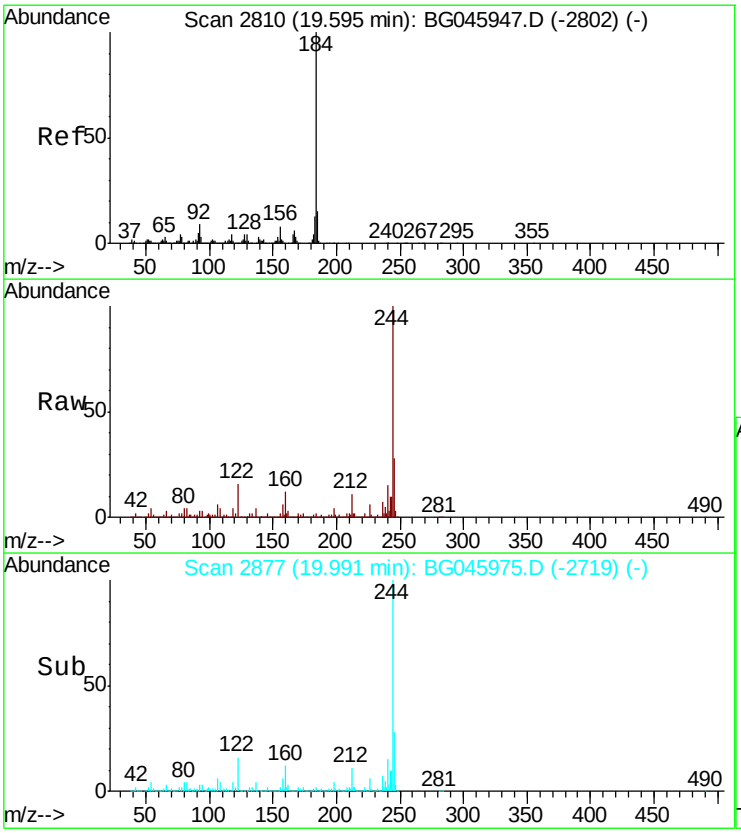
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

Tgt Ion:240 Resp: 692954

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.6	16.0
236	25.9	20.4	30.6

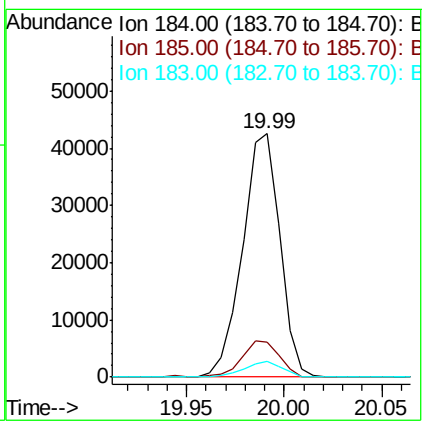


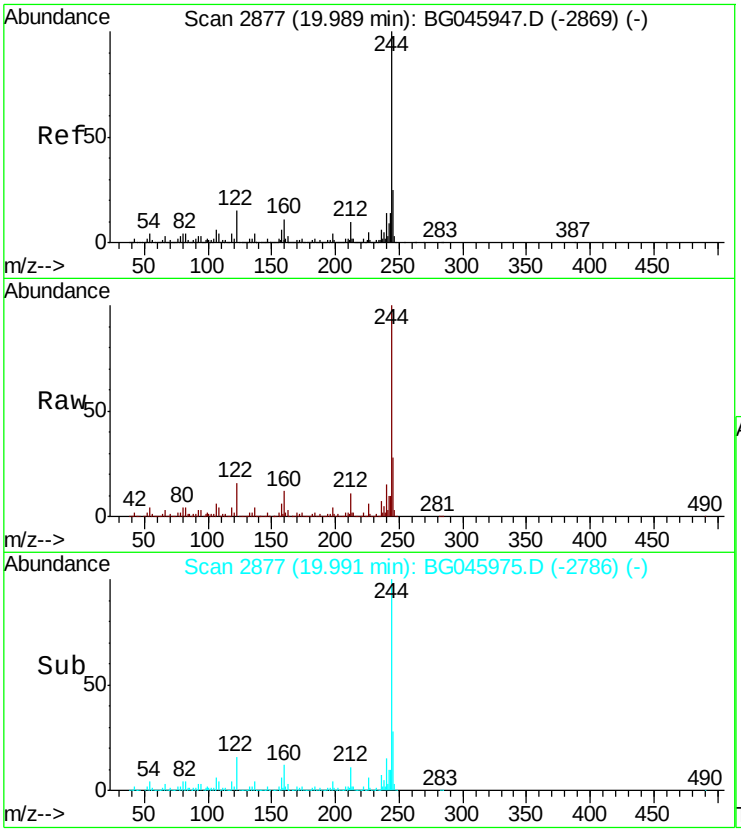


#77
Benzidine
Concen: 2.842 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.40 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:184 Resp: 56304

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	6.4	10.4	15.6#



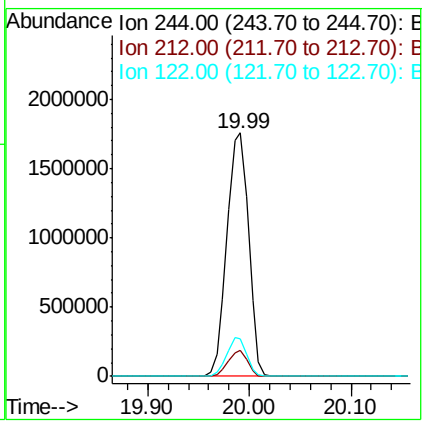


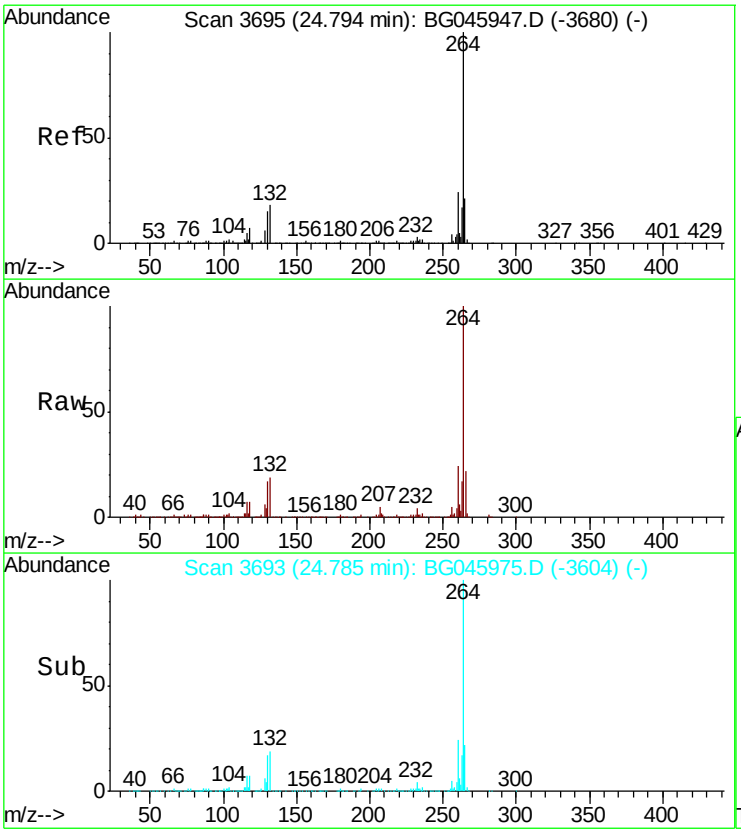
#79
Terphenyl-d14
Concen: 84.034 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Instrument :
BNA_G
ClientSampleId :
PB129955BL

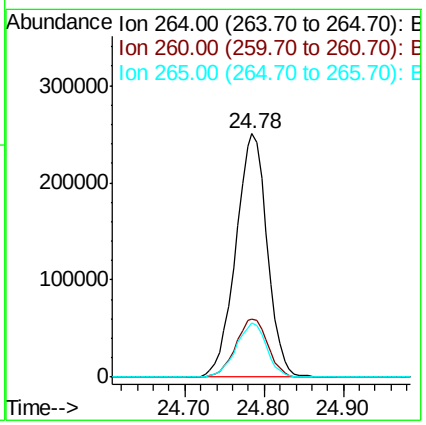
Tgt Ion:244 Resp: 2616557

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.3	12.5
122	15.7	12.1	18.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045975.D
Acq: 8 Jul 2020 10:51

Tgt Ion:264 Resp: 686081

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.0	16.9	25.3