Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046001.D
Acq On : 10 Jul 2020 10:59
Operator : CG/JU
Sample : PB130037TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130037TB

Quant Time: Jul 10 13:03:51 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	169908	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	690497	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	412986	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	834867	20.00	ng	0.00
76) Chrysene-d12	21.63	240	759797	20.00	ng	0.00
86) Perylene-d12	24.78	264	741668	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1220587	116.50	ng	0.00
7) Phenol-d6	7.16	99	1689776	112.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	1160012	96.70	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	462153	120.57	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2153950	81.35	ng	0.00
79) Terphenyl-d14	19.99	244	2802300	82.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	157430	14.856	ng	# 76
32) Benzoic acid	10.08	122	69	6.516	ng	# 1
48) 2-Nitroaniline	13.66	65	174	3.393	ng	# 7
51) 2,6-Dinitrotoluene	14.62	165	54930	12.536	ng	# 18
53) 3-Nitroaniline	14.72	138	90	2.995	ng	# 1
54) 2,4-Dinitrophenol	15.13	184	74	6.144	ng	# 17
57) 2,4-Dinitrotoluene	14.62	165	54930	11.049	ng	# 19
65) 4,6-Dinitro-2-methylphenol	16.11	198	2180	7.442	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	33945	3.640	ng	# 1
77) Benzidine	19.99	184	60215	2.772	ng	# 90

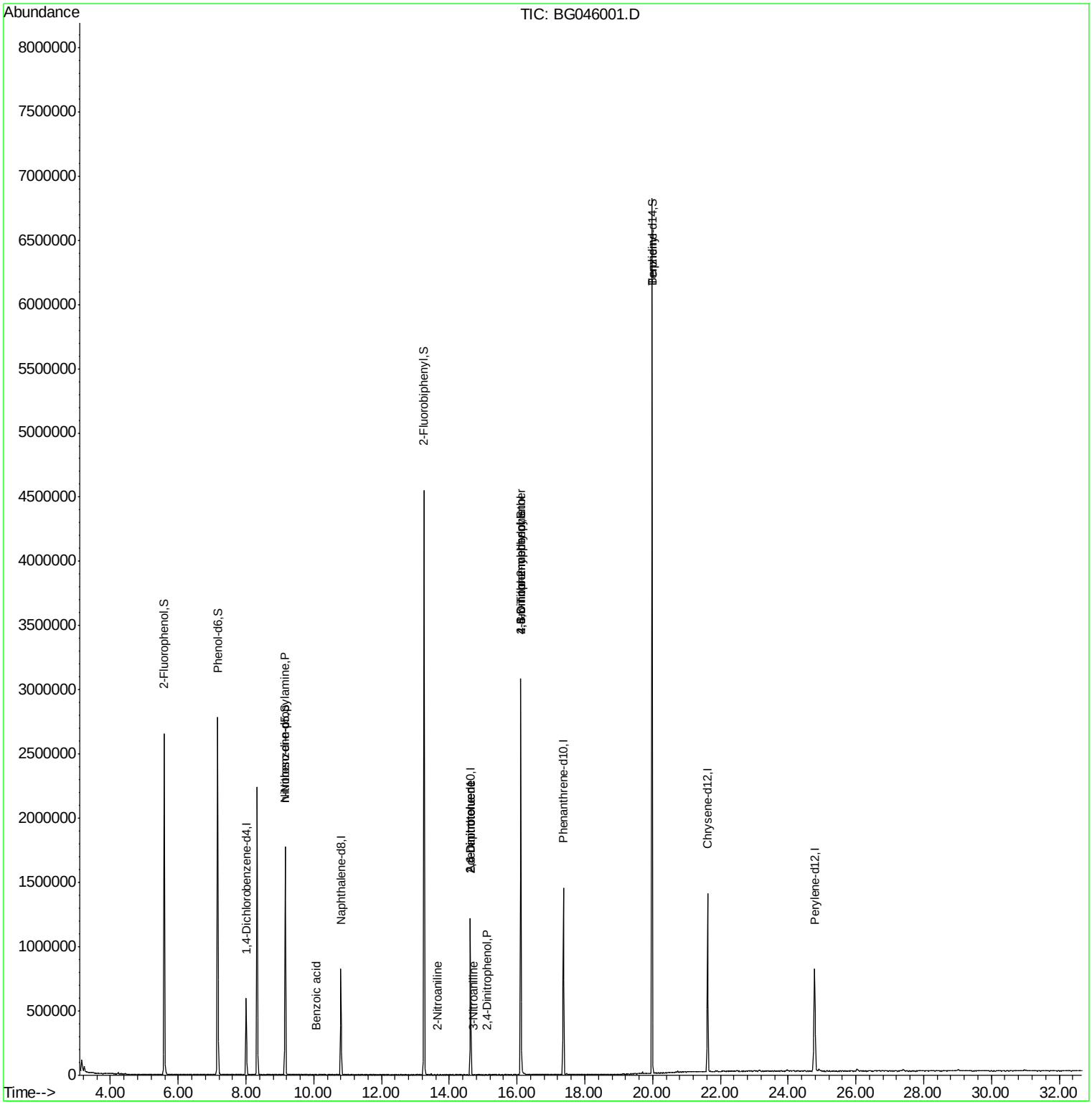
(#) = qualifier out of range (m) = manual integration (+) = signals summed

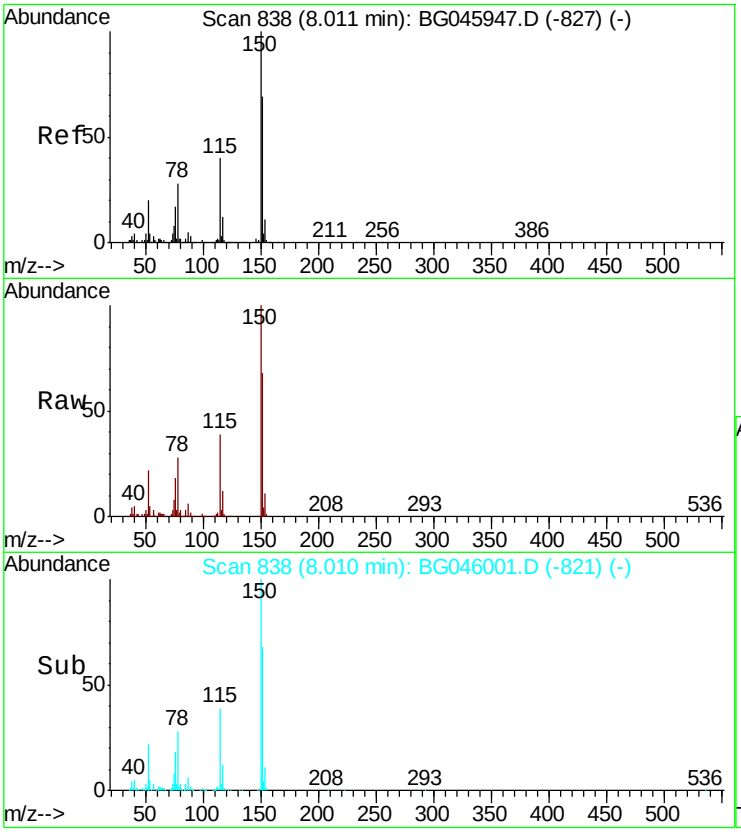
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046001.D
Acq On : 10 Jul 2020 10:59
Operator : CG/JU
Sample : PB130037TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130037TB

Quant Time: Jul 10 13:03:51 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



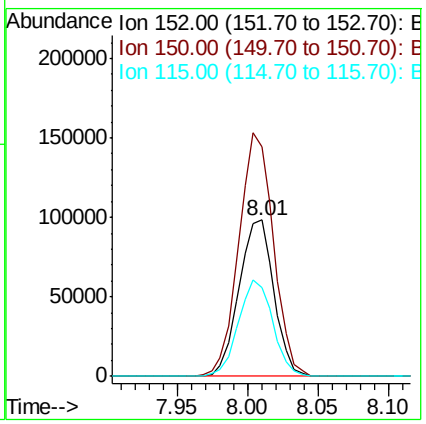


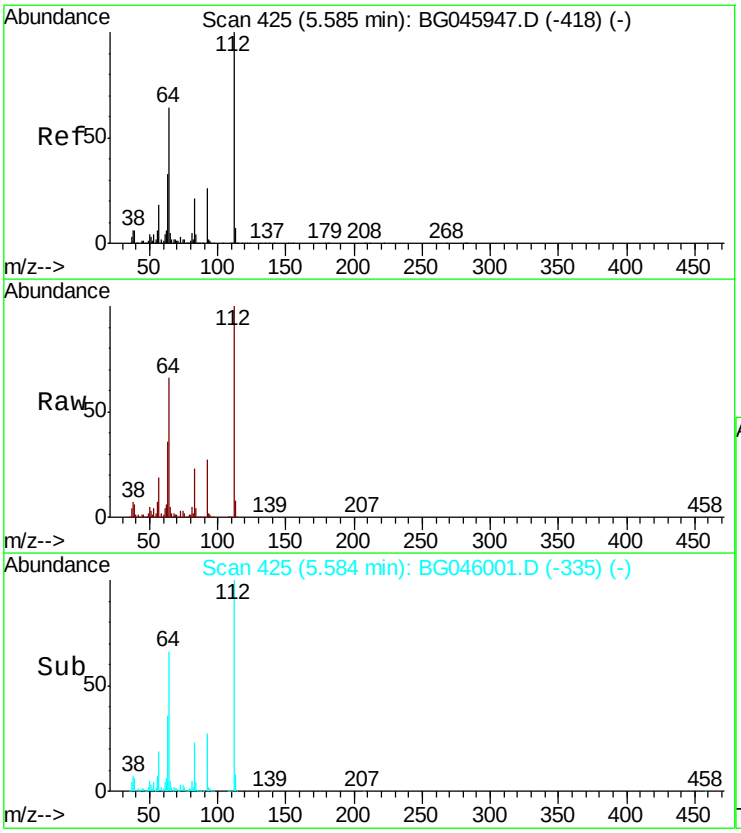
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:152 Resp: 169908

Ion	Ratio	Lower	Upper
152	100		
150	146.7	116.7	175.1
115	56.8	47.4	71.0

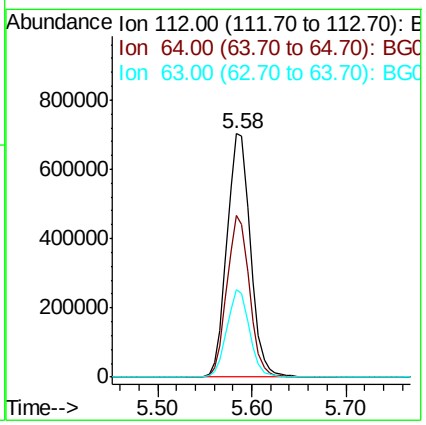


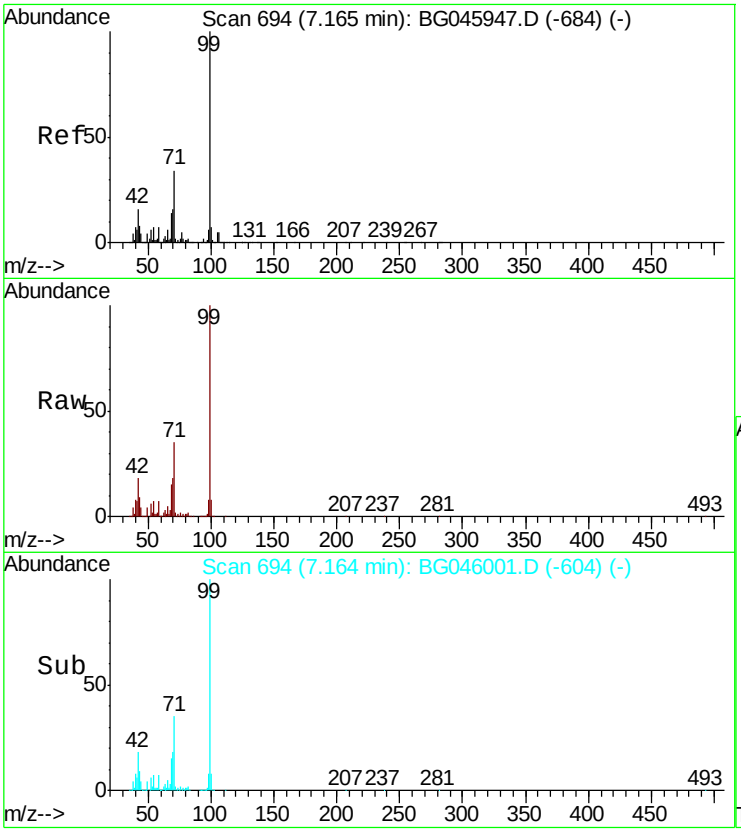


#5
2-Fluorophenol
Concen: 116.497 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:112 Resp: 1220587

Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.4	77.2
63	35.9	26.6	40.0



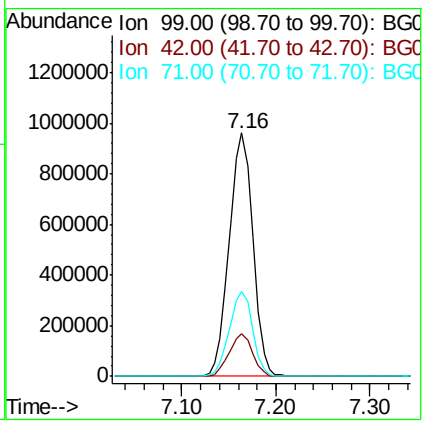


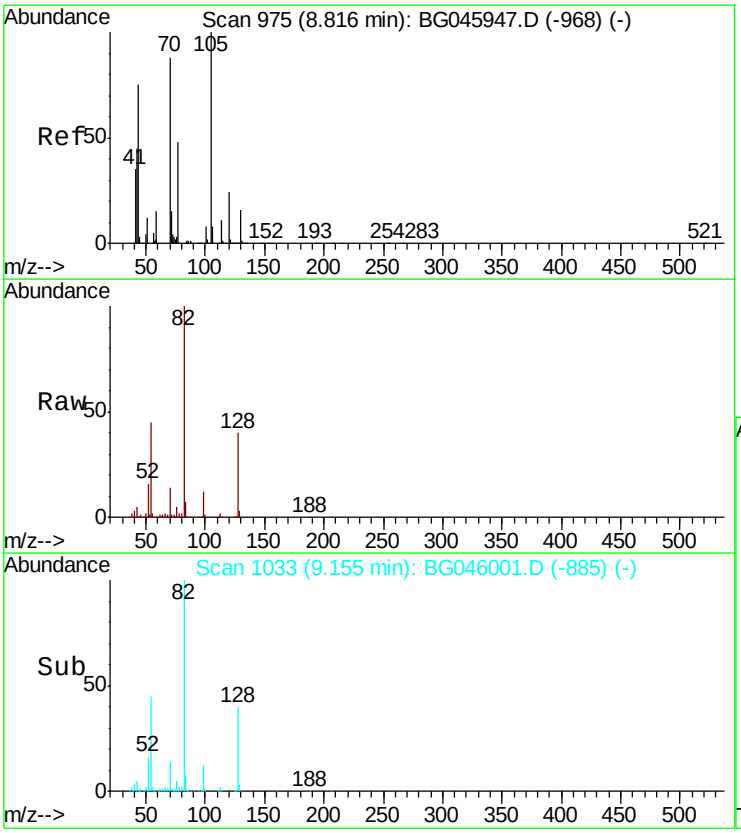
#7
Phenol-d6
Concen: 112.021 ng
RT: 7.16 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion: 99 Resp: 1689776

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.0	19.4
71	34.7	27.5	41.3

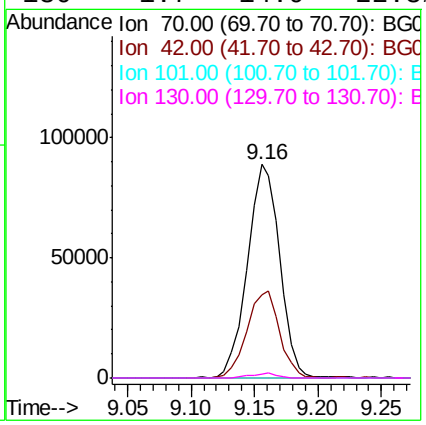


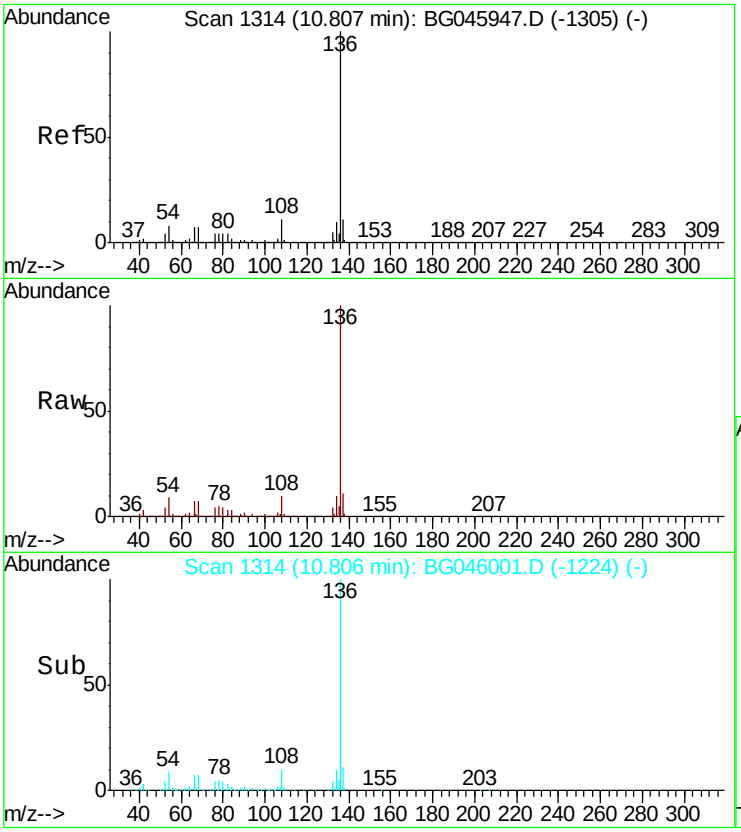


#19
n-Nitroso-di-n-propylamine
Concen: 14.856 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion: 70 Resp: 157430

Ion	Ratio	Lower	Upper
70	100		
42	39.0	41.4	62.0#
101	0.0	7.1	10.7#
130	1.7	14.9	22.3#



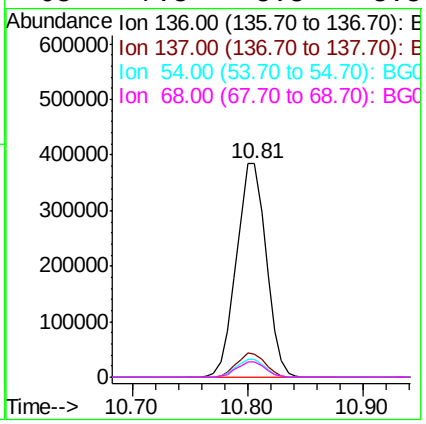


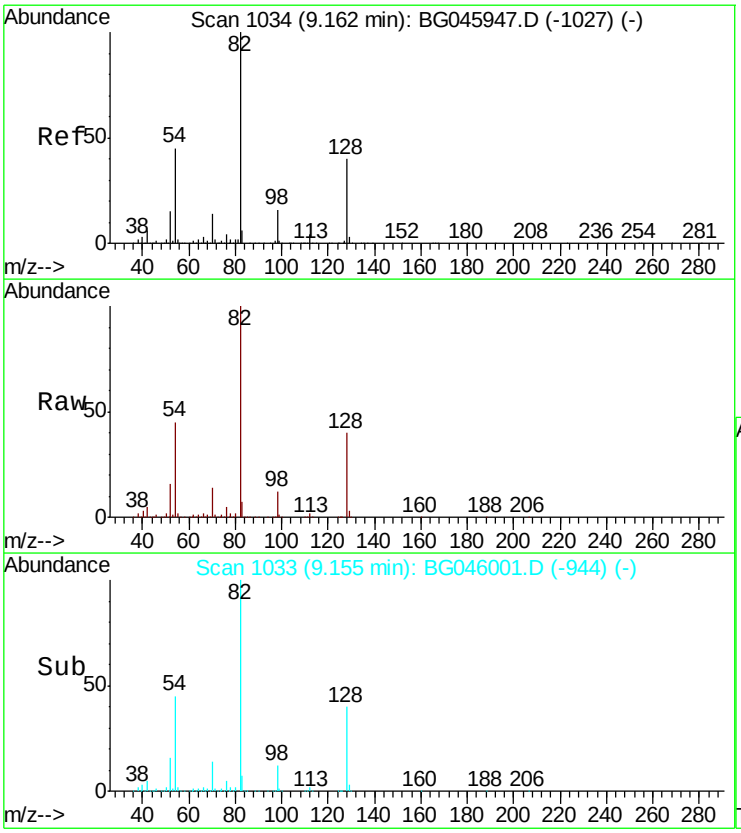
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:136 Resp: 690497

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.6	6.2	9.4
68	7.3	5.8	8.8

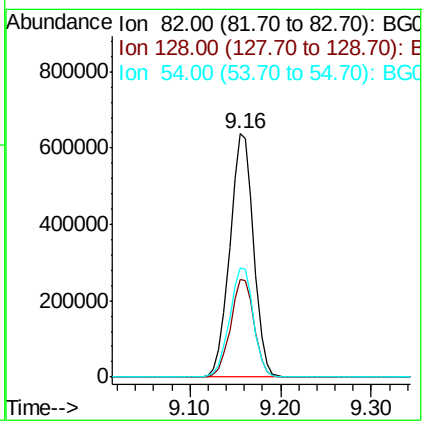


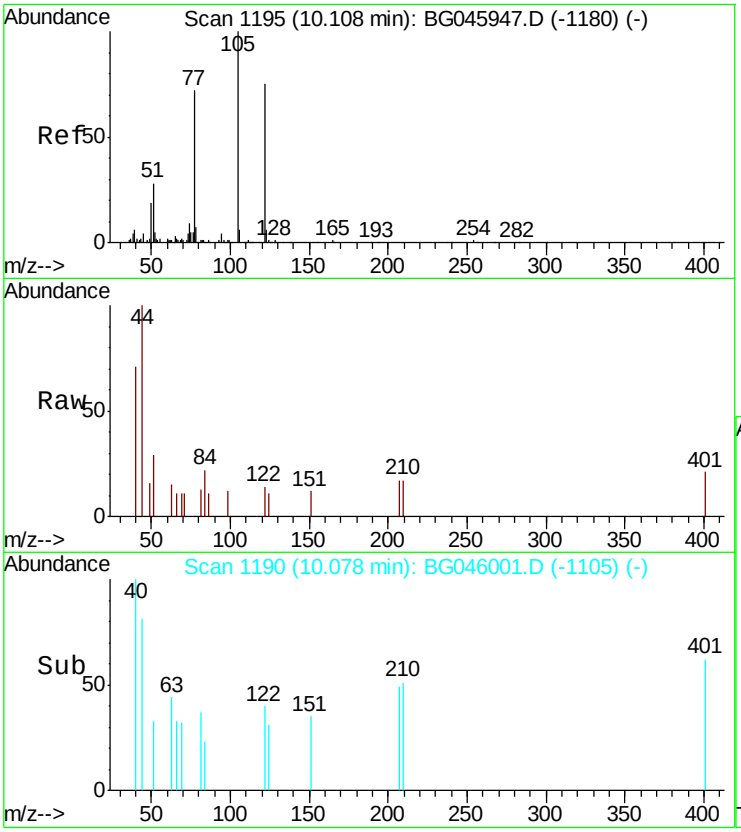


#23
Nitrobenzene-d5
Concen: 96.695 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion: 82 Resp: 1160012

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.4
54	44.7	35.8	53.6



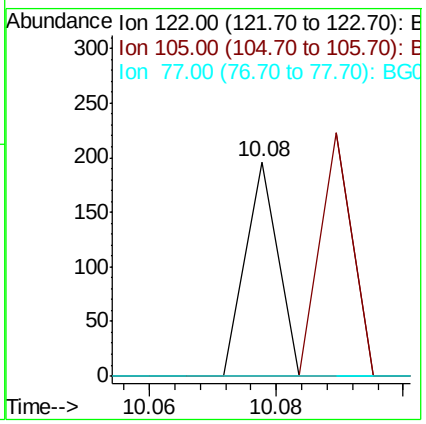


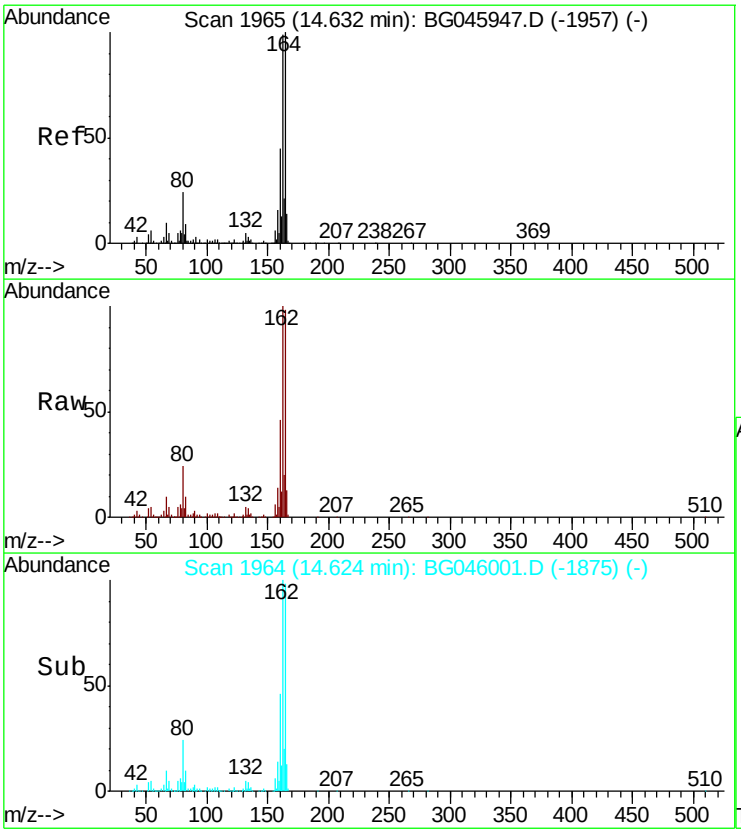
#32
Benzoic acid
Concen: 6.516 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:122 Resp: 69

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

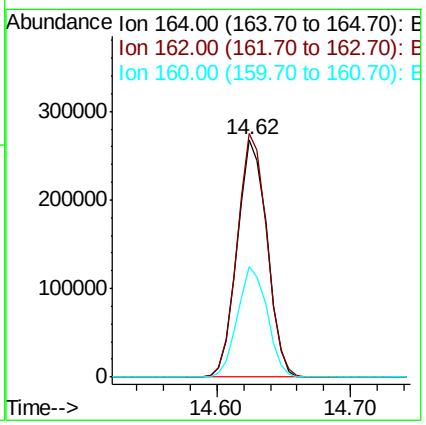


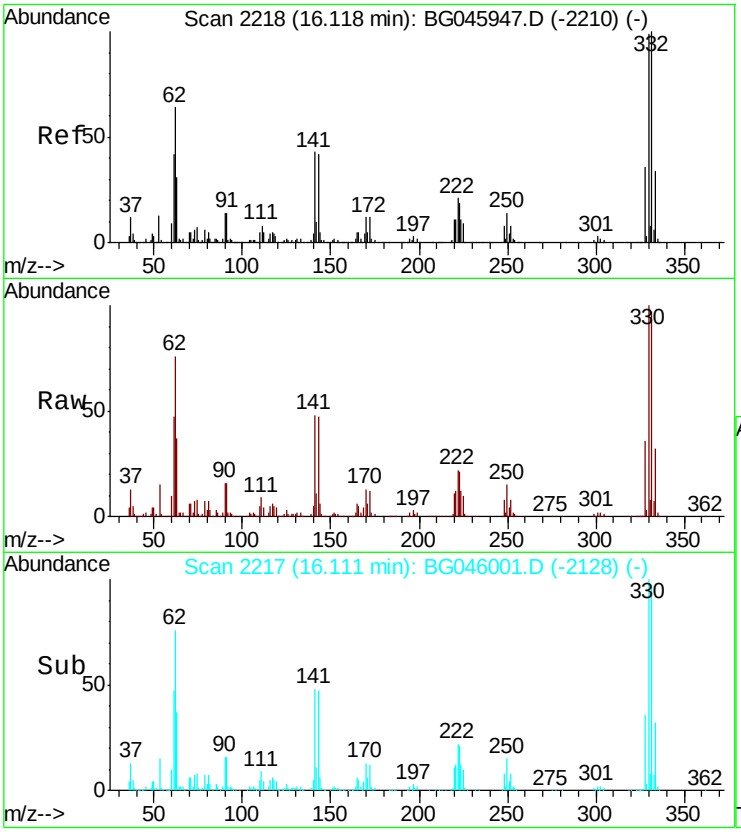


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:164 Resp: 412986

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.3	118.9
160	46.6	35.7	53.5



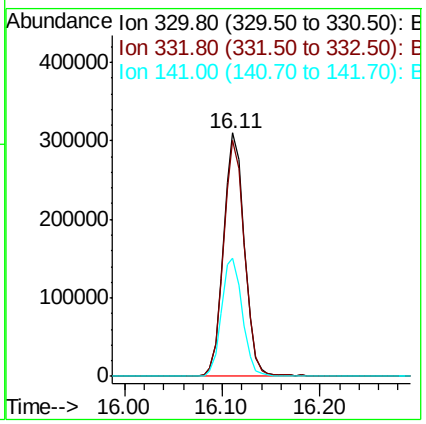


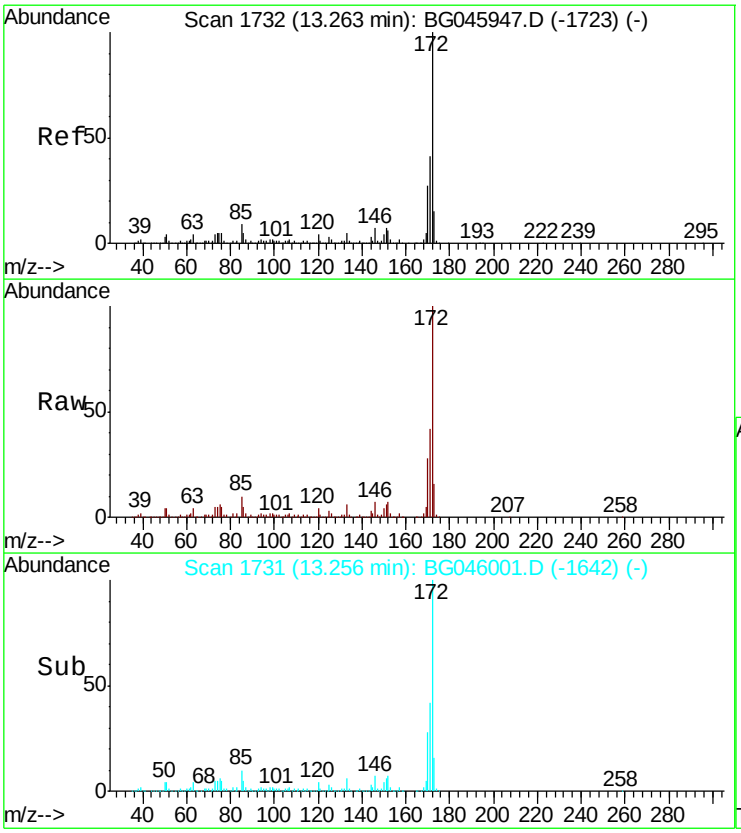
#42
2,4,6-Tribromophenol
Concen: 120.574 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:330 Resp: 462153

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	48.0	36.6	54.8

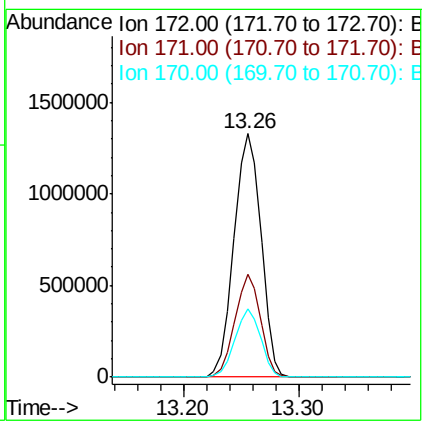


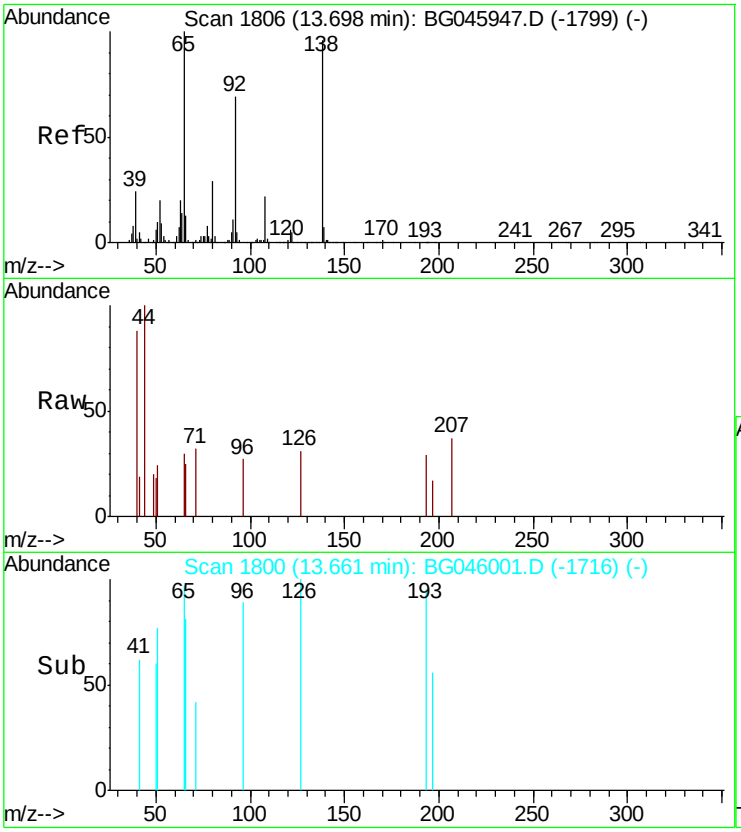


#45
2-Fluorobiphenyl
Concen: 81.353 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:172 Resp: 2153950

Ion	Ratio	Lower	Upper
172	100		
171	42.2	32.9	49.3
170	28.2	21.8	32.6



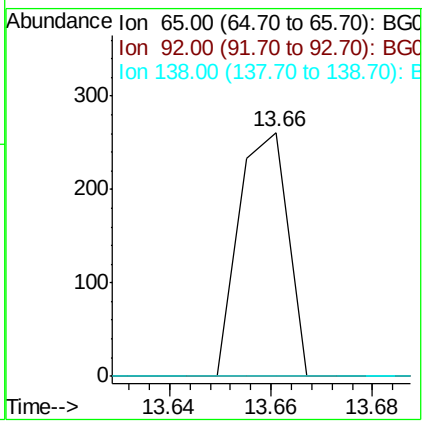


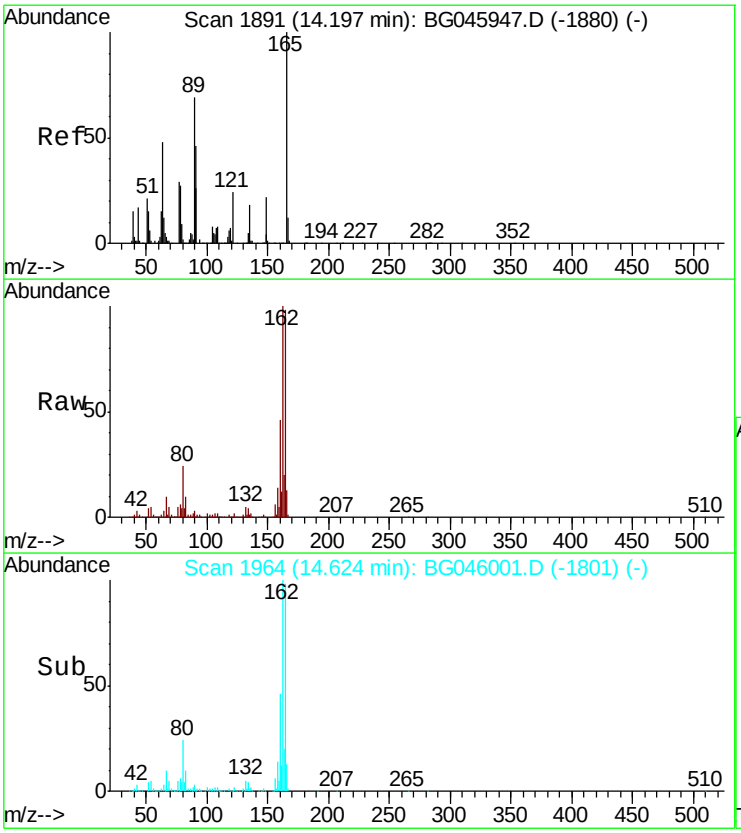
#48
2-Nitroaniline
Concen: 3.393 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.04 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion: 65 Resp: 174

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

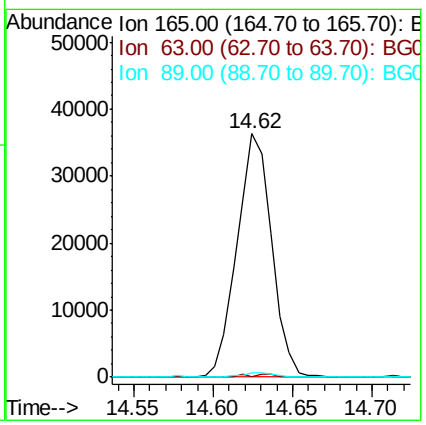


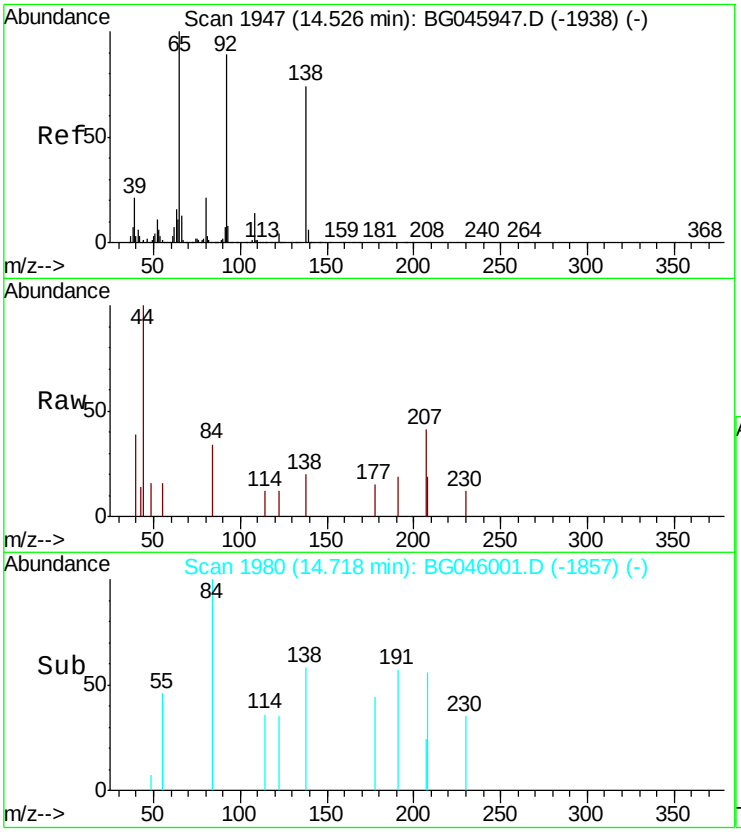


#51
2,6-Dinitrotoluene
Concen: 12.536 ng
RT: 14.62 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:165 Resp: 54930

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	1.9	55.7	83.5#



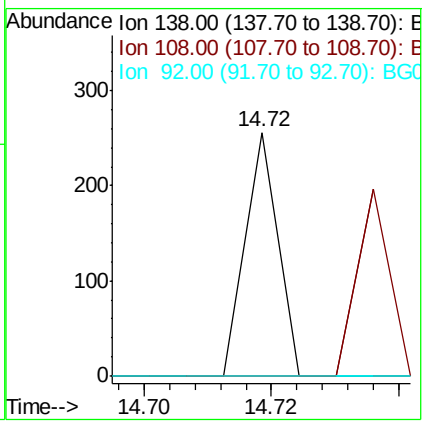


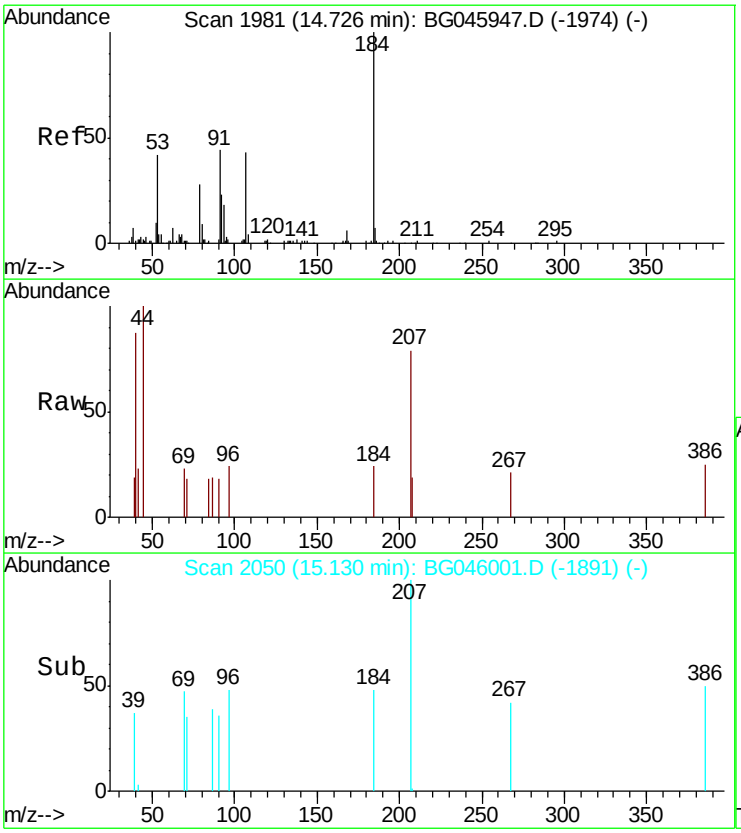
#53
3-Nitroaniline
Concen: 2.995 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.19 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:138 Resp: 90

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

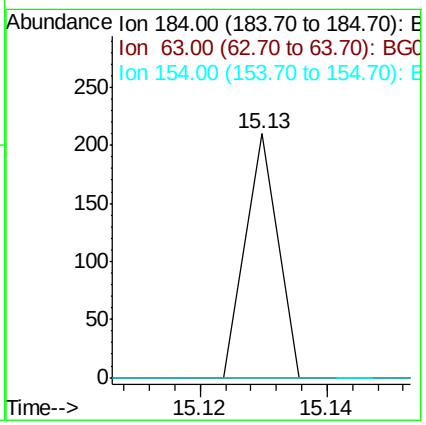


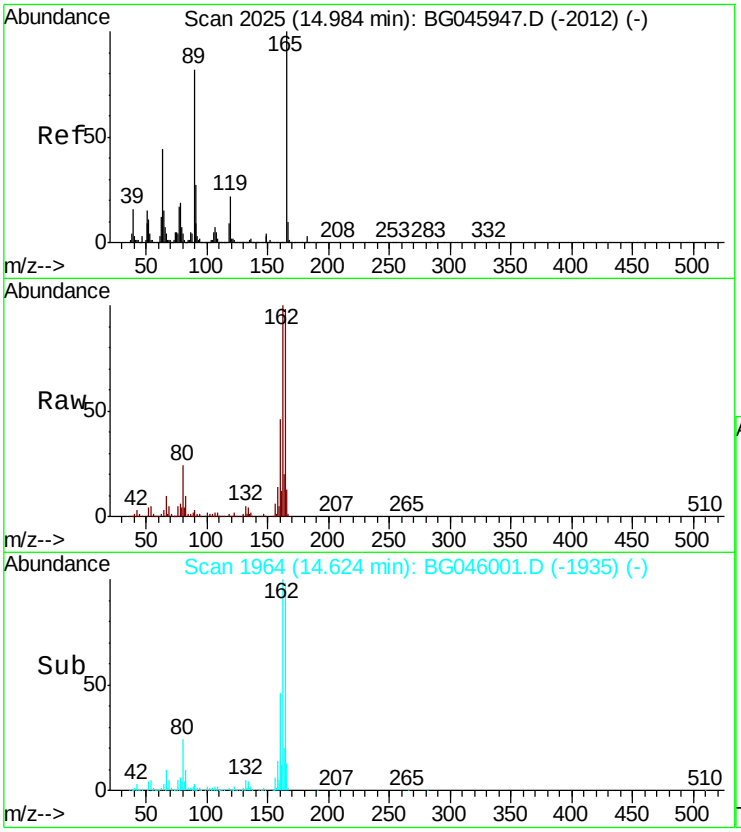


#54
2,4-Dinitrophenol
Concen: 6.144 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.40 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.0	69.0#
154	0.0	58.2	87.2#



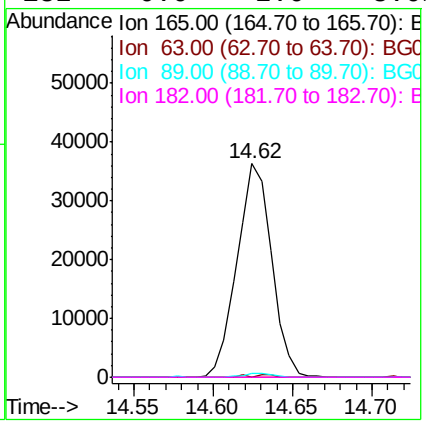


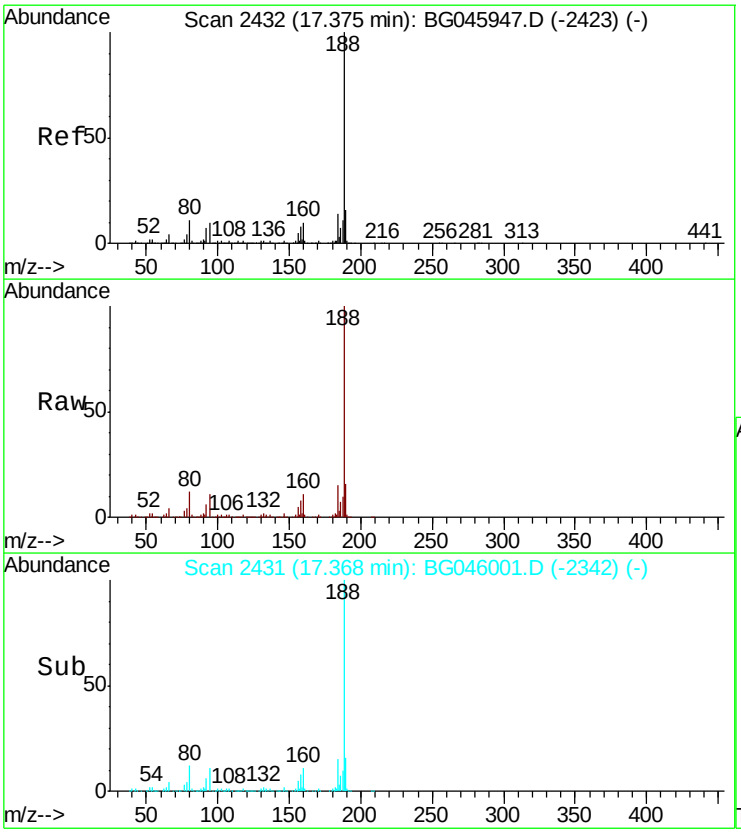
#57
2,4-Dinitrotoluene
Concen: 11.049 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:165 Resp: 54930

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.4	53.0#
89	1.9	65.4	98.2#
182	0.0	2.0	3.0#

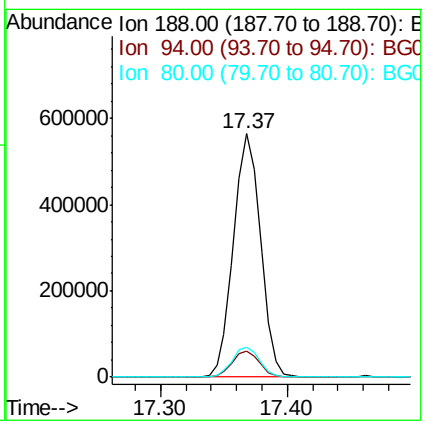


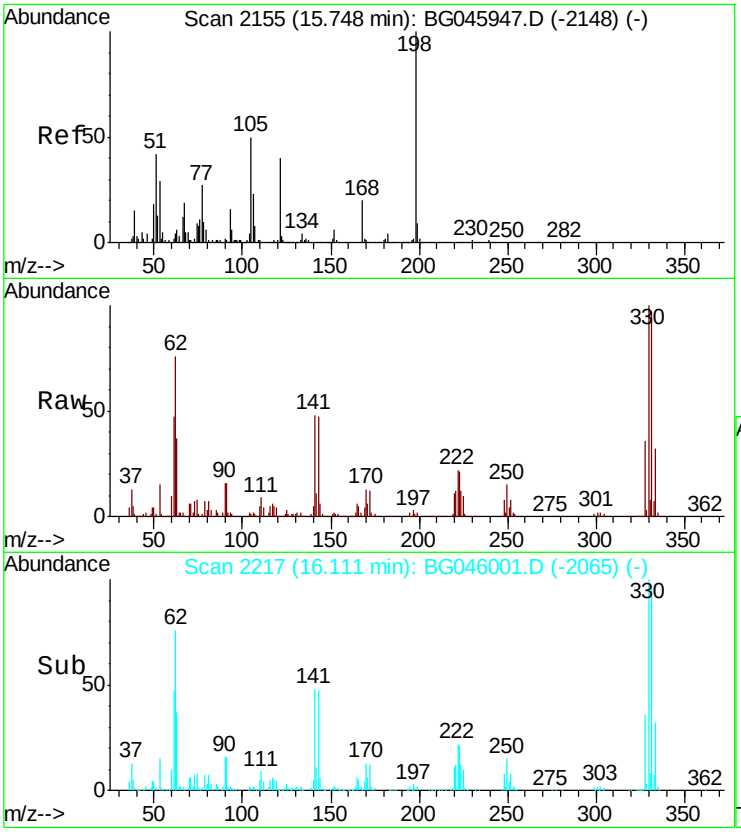


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:188 Resp: 834867

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	12.1	9.0	13.6



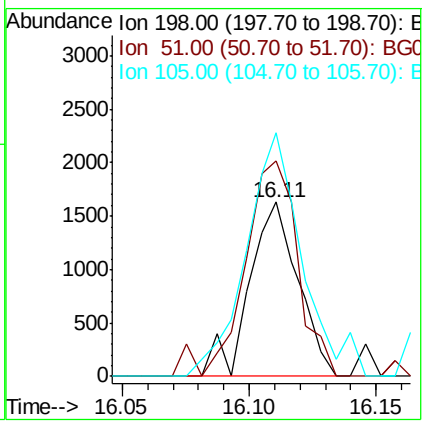


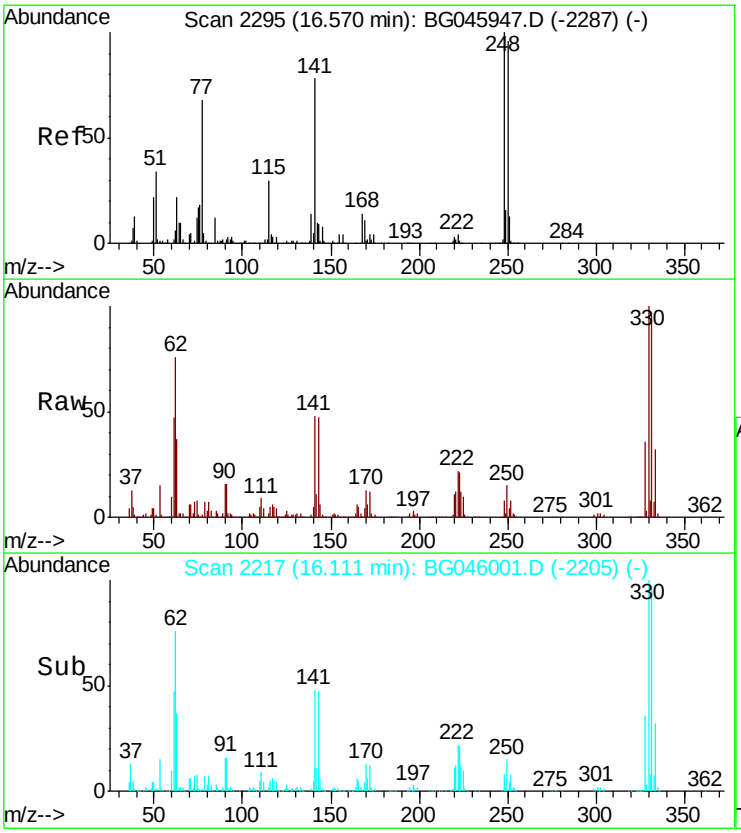
#65
4,6-Dinitro-2-methylphenol
Concen: 7.442 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.36 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:198 Resp: 2180

Ion	Ratio	Lower	Upper
198	100		
51	123.6	24.5	64.5#
105	139.6	30.9	70.9#

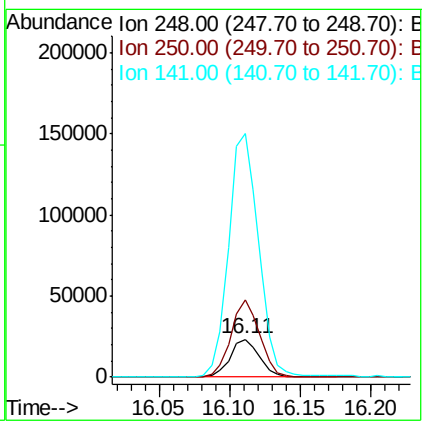


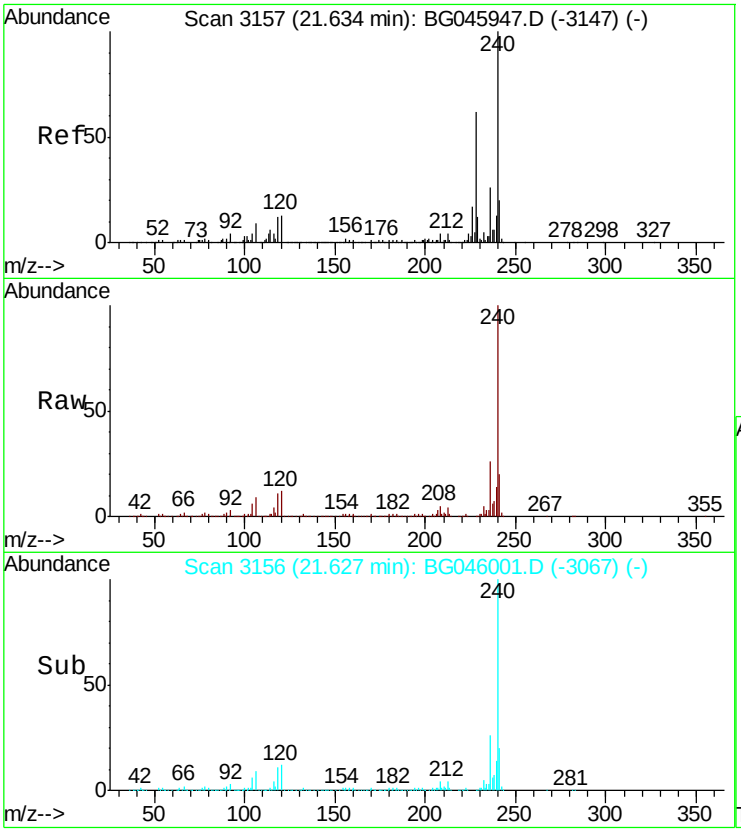


#67
4-Bromophenyl-phenylether
Concen: 3.640 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:248 Resp: 33945

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.6	114.8#
141	643.0	62.7	94.1#



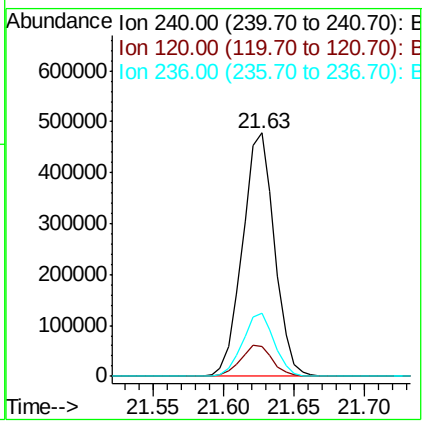


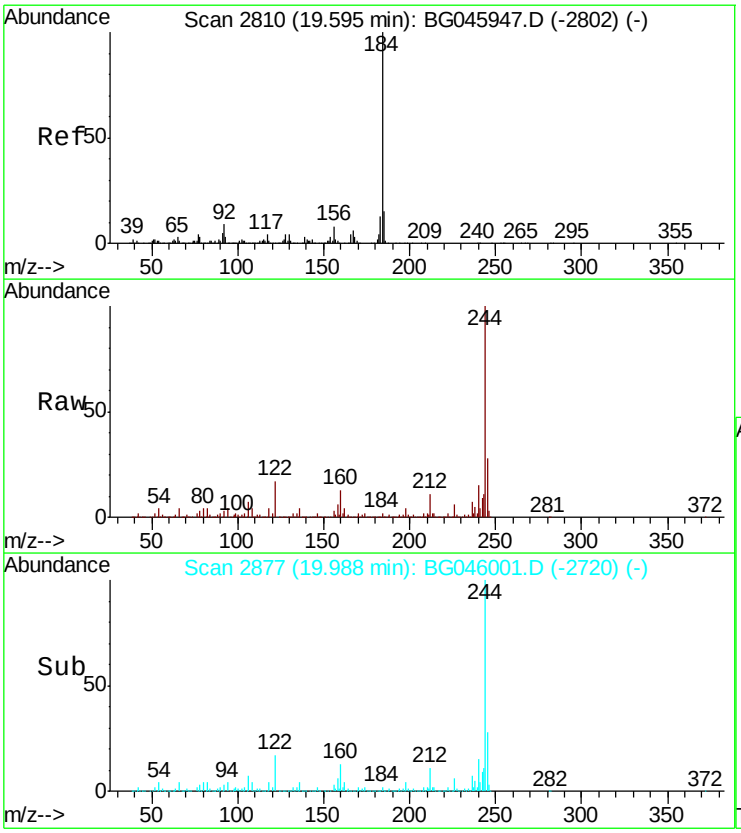
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:240 Resp: 759797

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.6	16.0
236	26.1	20.4	30.6

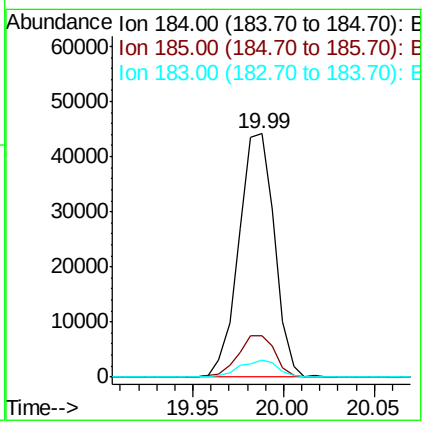


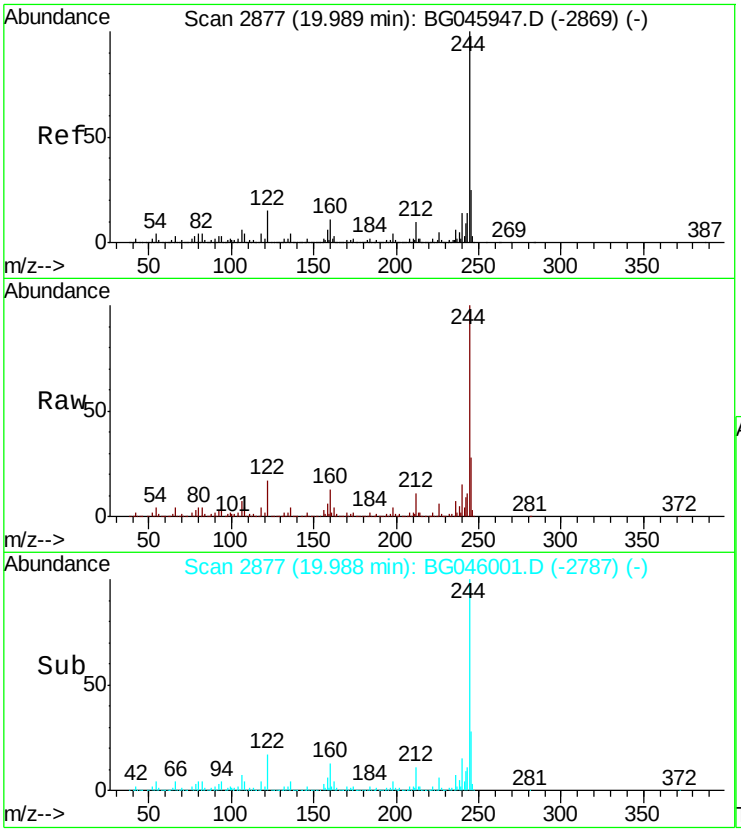


#77
Benzidine
Concen: 2.772 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:184 Resp: 60215

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.6	17.4
183	7.1	10.4	15.6#



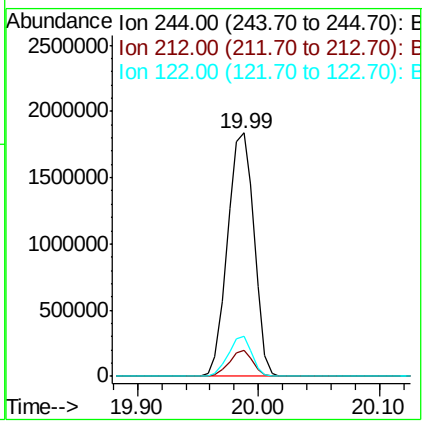


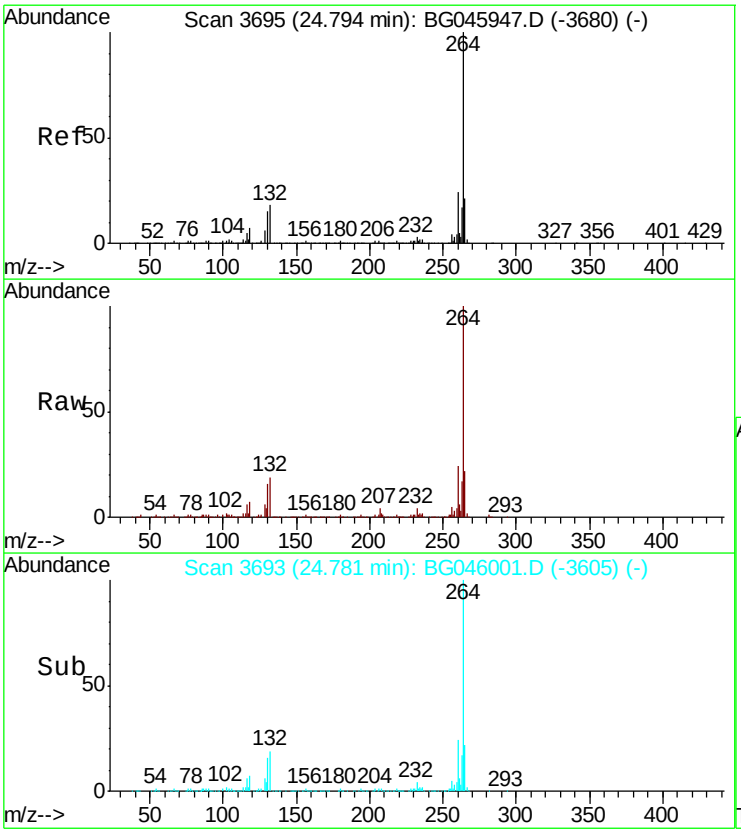
#79
Terphenyl-d14
Concen: 82.082 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tgt Ion:244 Resp: 2802300

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.3	12.5
122	16.6	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: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:264 Resp: 741668

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.3	16.9	25.3