Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046000.D
Acq On : 10 Jul 2020 10:19
Operator : CG/JU
Sample : PB130037BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130037BL

Quant Time: Jul 10 11:02:16 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	170694	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	684173	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	409919	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	850508	20.00	ng	-0.01
76) Chrysene-d12	21.62	240	773768	20.00	ng	-0.01
86) Perylene-d12	24.78	264	760590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1211929	115.14	ng	0.00
7) Phenol-d6	7.16	99	1690928	111.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	1172754	98.66	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	481646	126.60	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	2179619	82.94	ng	-0.01
79) Terphenyl-d14	19.98	244	2829208	81.37	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	162195	15.235	ng	# 79
32) Benzoic acid	10.22	122	93	6.520	ng	# 1
48) 2-Nitroaniline	13.46	65	172	3.393	ng	# 41
51) 2,6-Dinitrotoluene	14.63	165	54552	12.541	ng	# 19
53) 3-Nitroaniline	14.63	138	55	2.991	ng	# 1
54) 2,4-Dinitrophenol	14.59	184	57	6.136	ng	# 17
57) 2,4-Dinitrotoluene	14.63	165	54552	11.052	ng	# 20
65) 4,6-Dinitro-2-methylphenol	15.74	198	74	6.812	ng	# 29
67) 4-Bromophenyl-phenylether	16.11	248	35293	3.715	ng	# 1
77) Benzidine	19.98	184	60714	2.744	ng	# 89

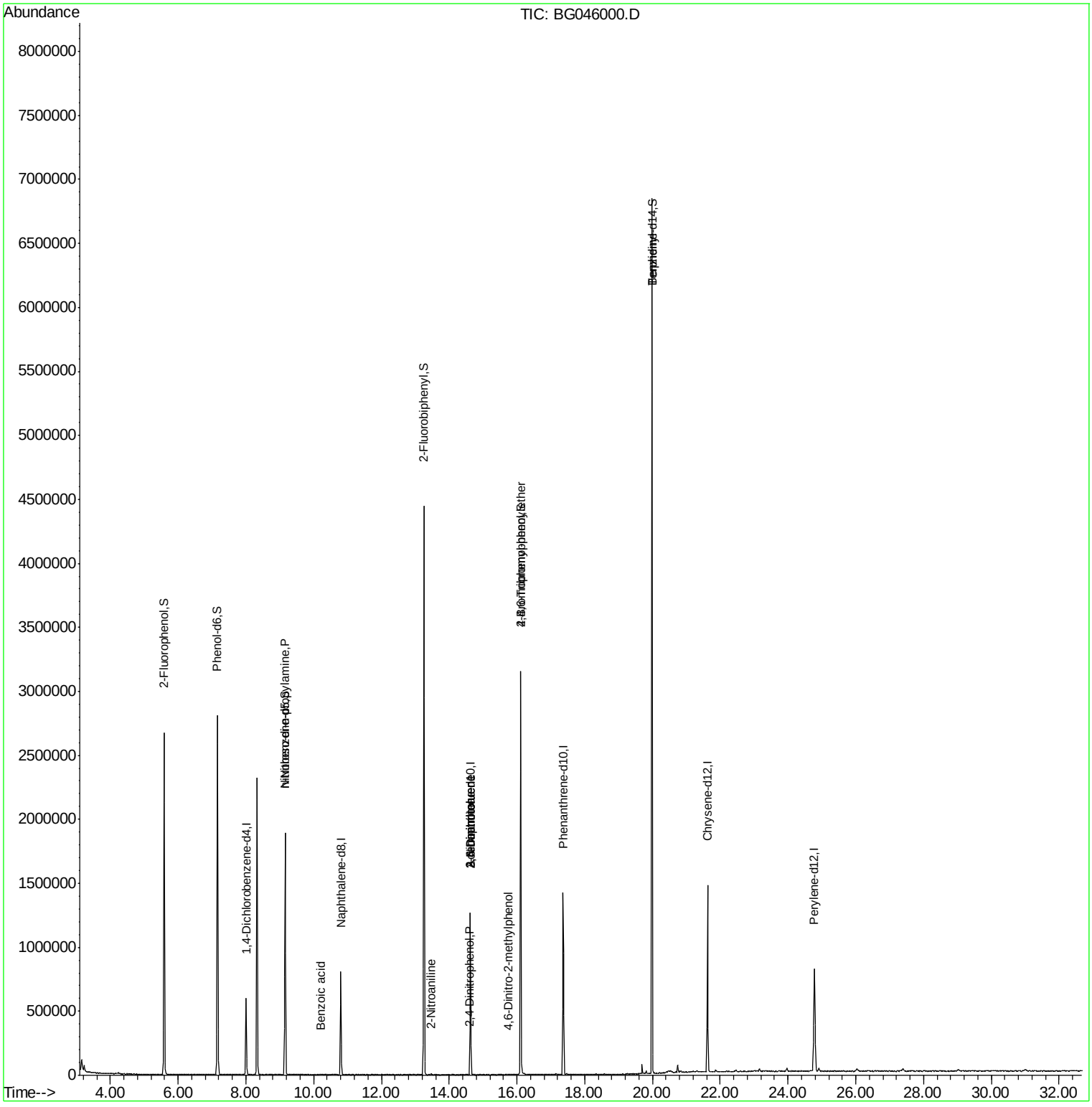
(#) = qualifier out of range (m) = manual integration (+) = signals summed

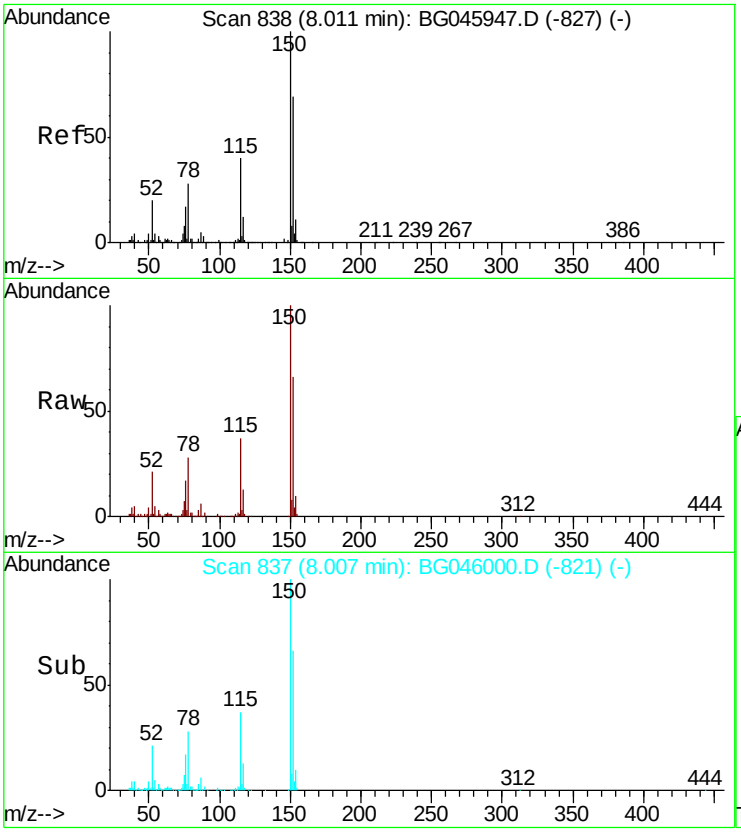
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046000.D
Acq On : 10 Jul 2020 10:19
Operator : CG/JU
Sample : PB130037BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Quant Time: Jul 10 11:02:16 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



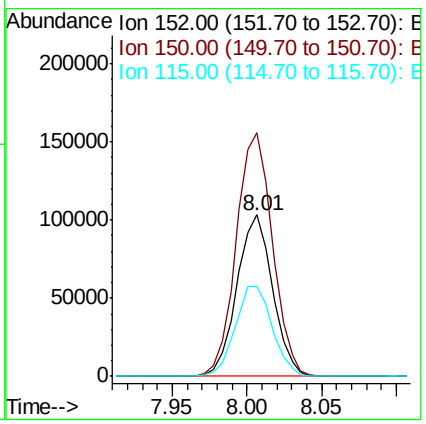


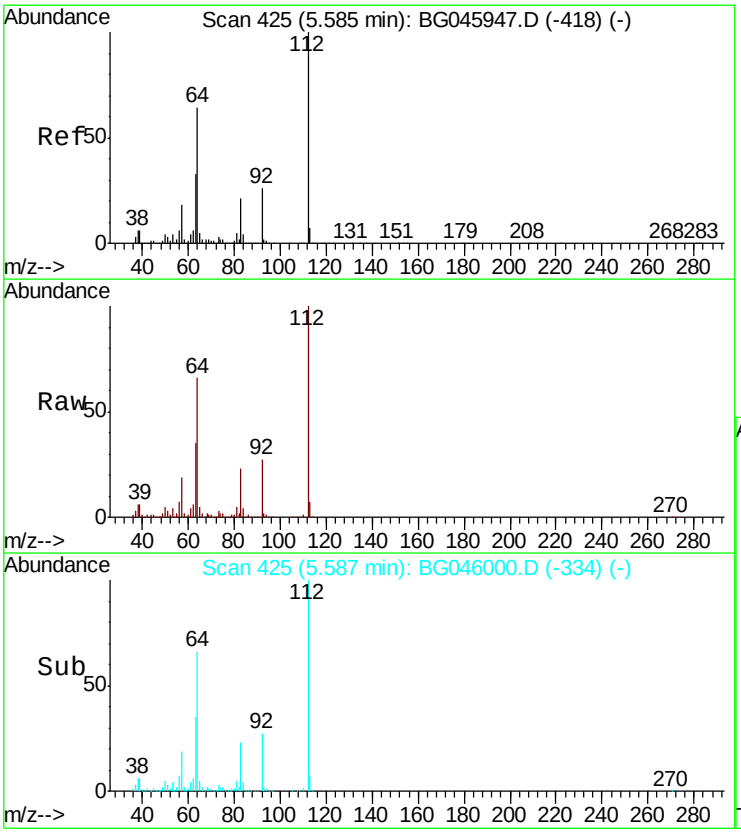
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:152 Resp: 170694

Ion	Ratio	Lower	Upper
152	100		
150	151.1	116.7	175.1
115	55.5	47.4	71.0

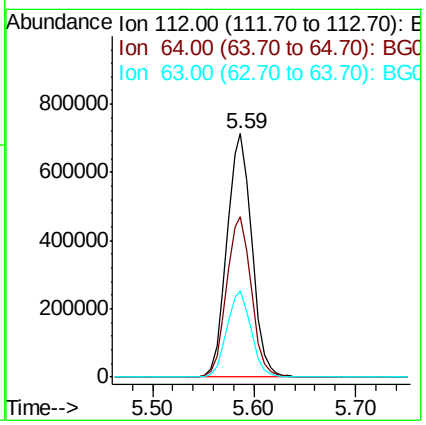


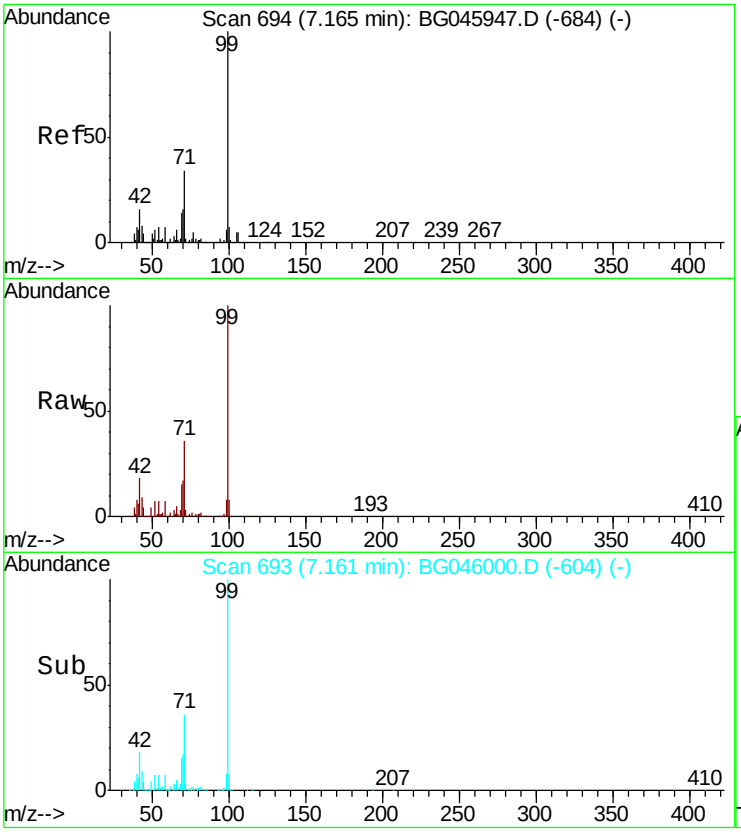


#5
2-Fluorophenol
Concen: 115.138 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:112 Resp: 1211929

Ion	Ratio	Lower	Upper
112	100		
64	66.1	51.4	77.2
63	35.3	26.6	40.0



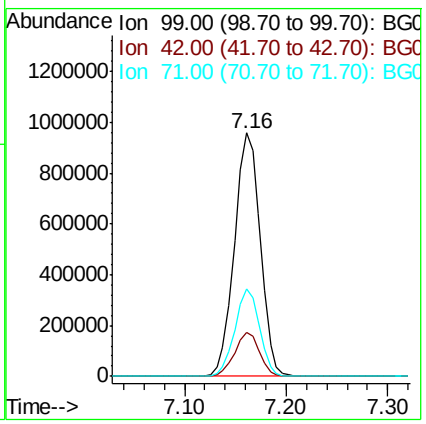


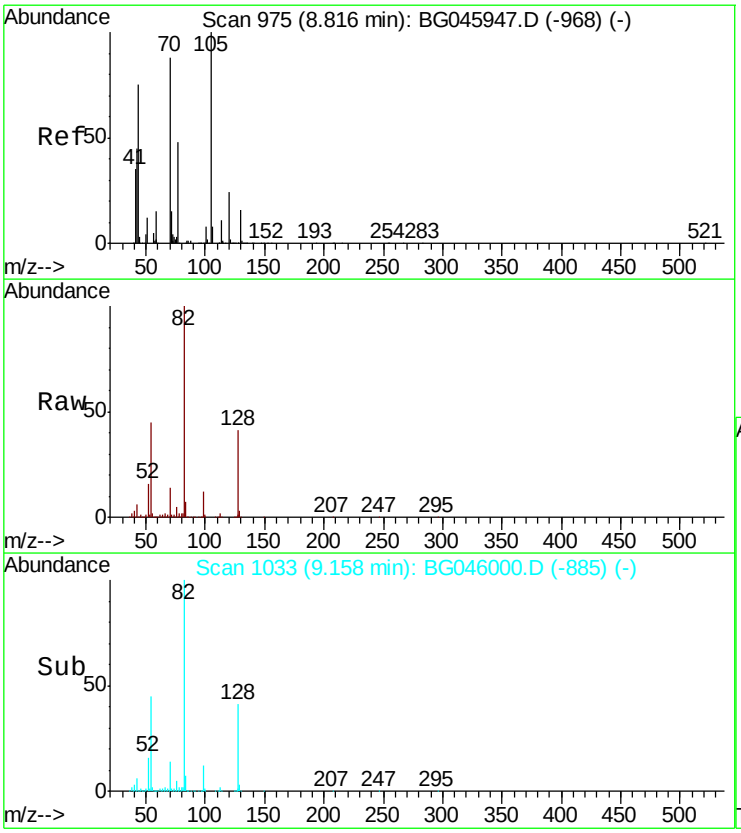
#7
Phenol-d6
Concen: 111.582 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion: 99 Resp: 1690928

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.0	19.4
71	35.8	27.5	41.3

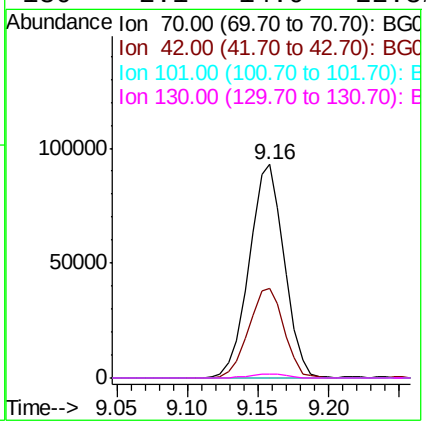


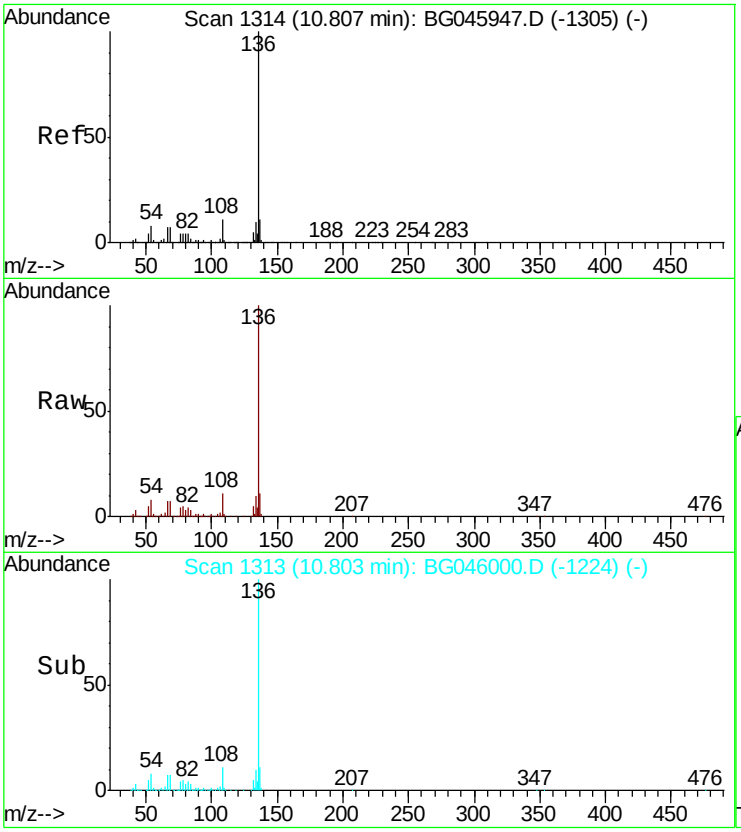


#19
n-Nitroso-di-n-propylamine
Concen: 15.235 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion: 70 Resp: 162195

Ion	Ratio	Lower	Upper
70	100		
42	41.8	41.4	62.0
101	0.0	7.1	10.7#
130	2.1	14.9	22.3#



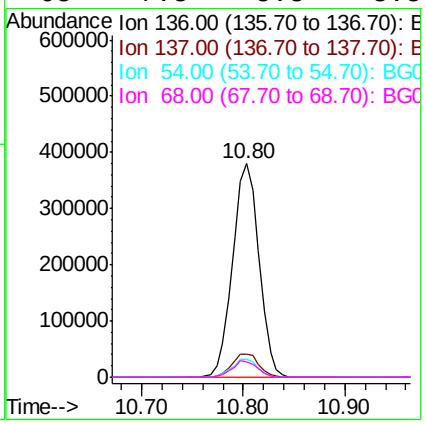


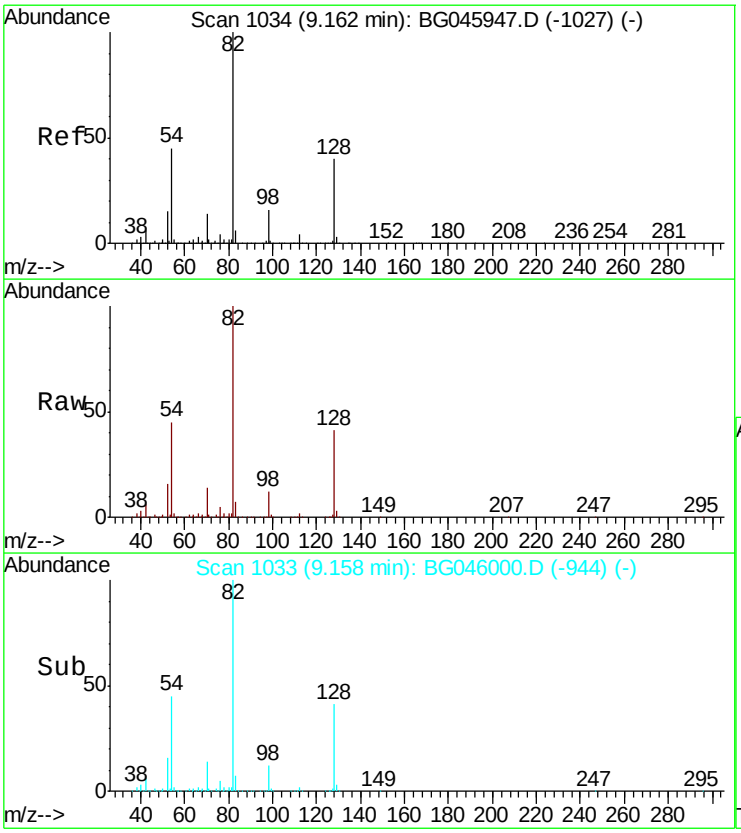
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument : BNA_G
ClientSampleId : PB130037BL

Tgt Ion:136 Resp: 684173

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.3	6.2	9.4
68	7.3	5.8	8.8

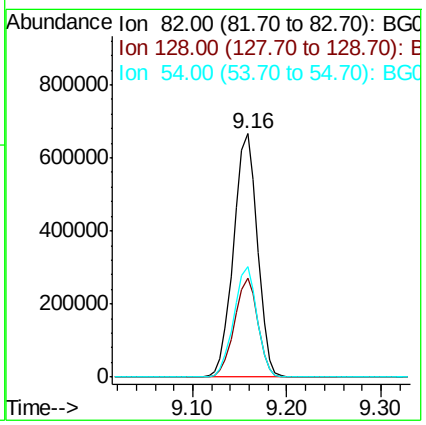


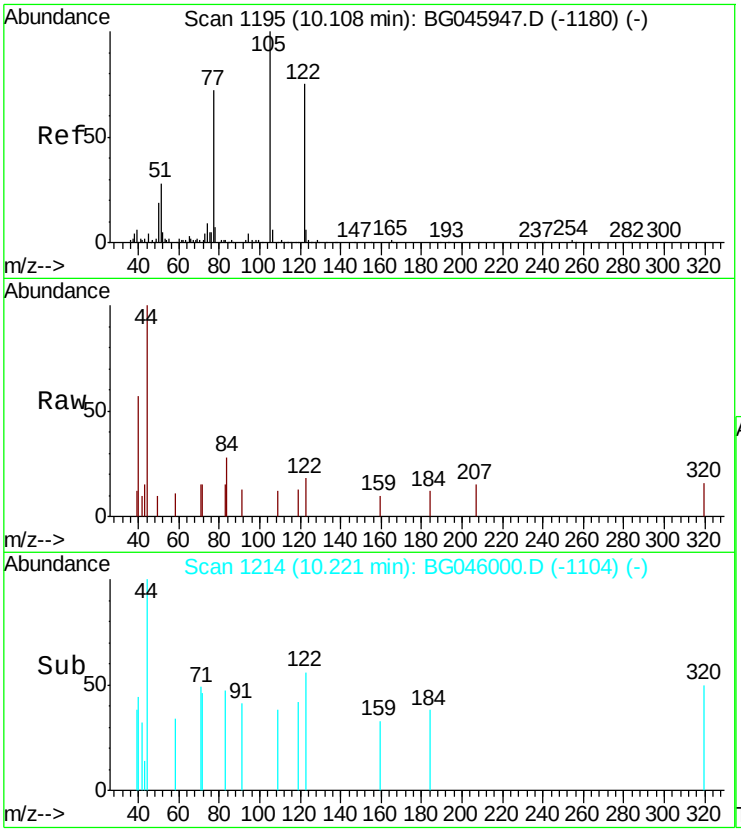


#23
Nitrobenzene-d5
Concen: 98.661 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion: 82 Resp: 1172754

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.4
54	45.4	35.8	53.6



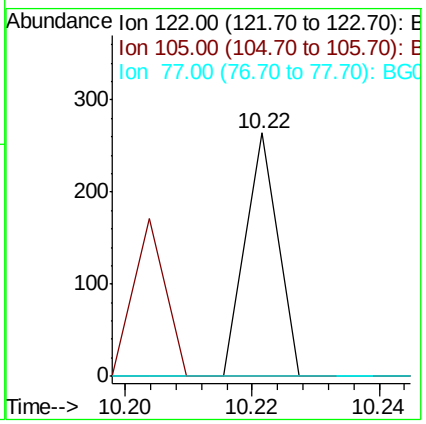


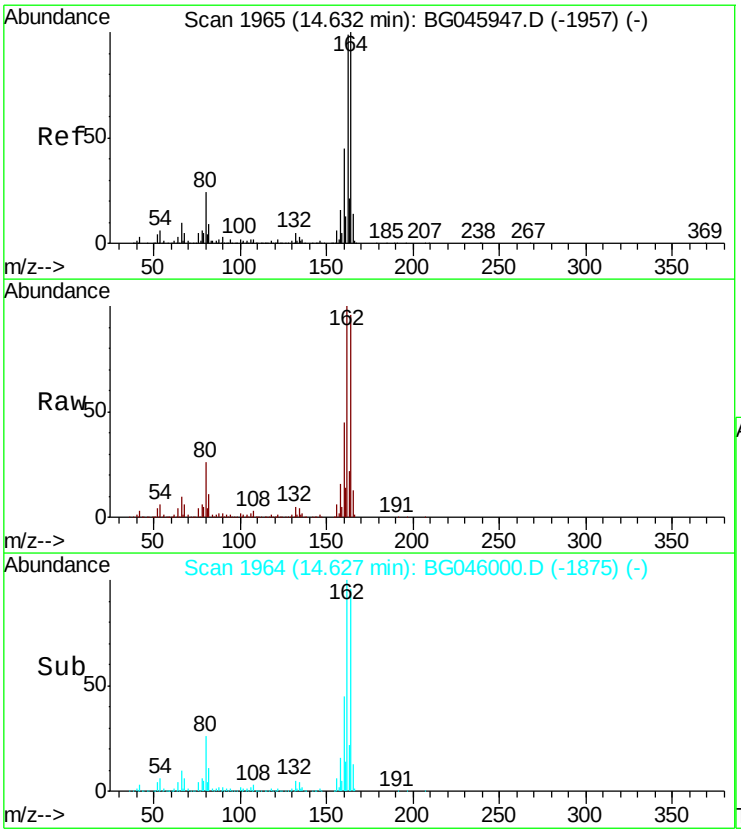
#32
Benzoic acid
Concen: 6.520 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.11 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:122 Resp: 93

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

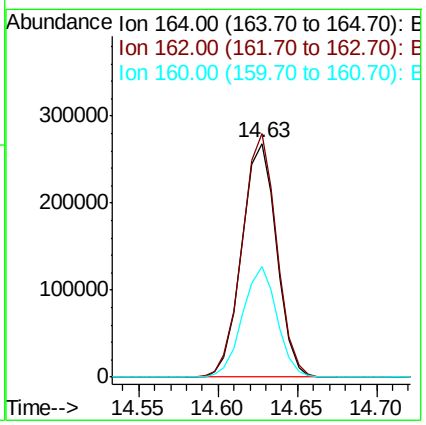


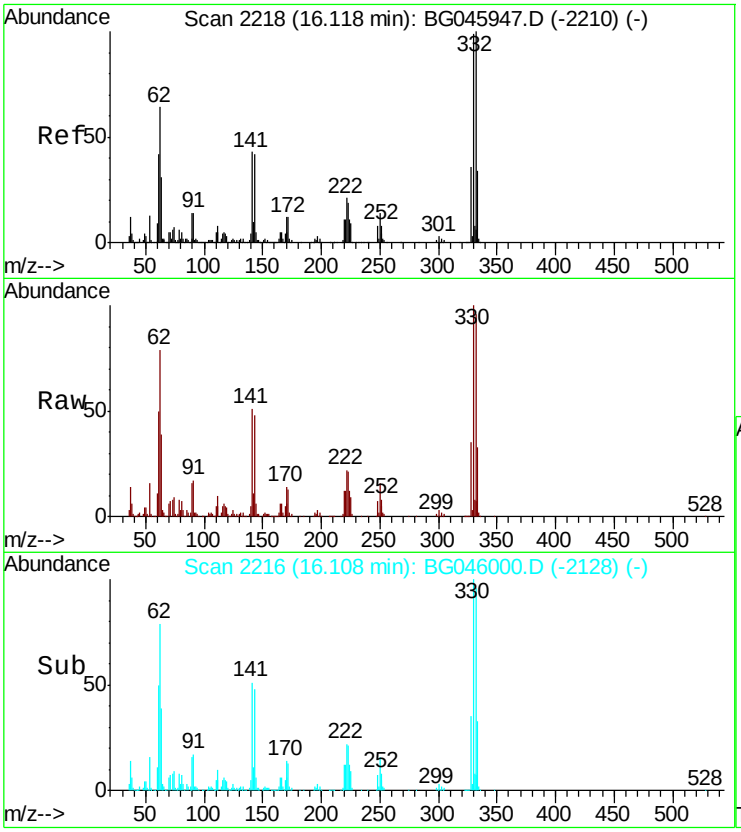


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:164 Resp: 409919

Ion	Ratio	Lower	Upper
164	100		
162	104.2	79.3	118.9
160	47.1	35.7	53.5



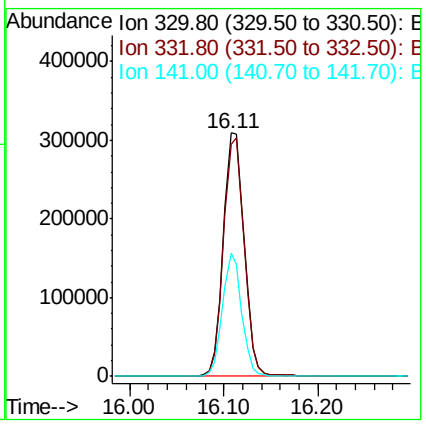


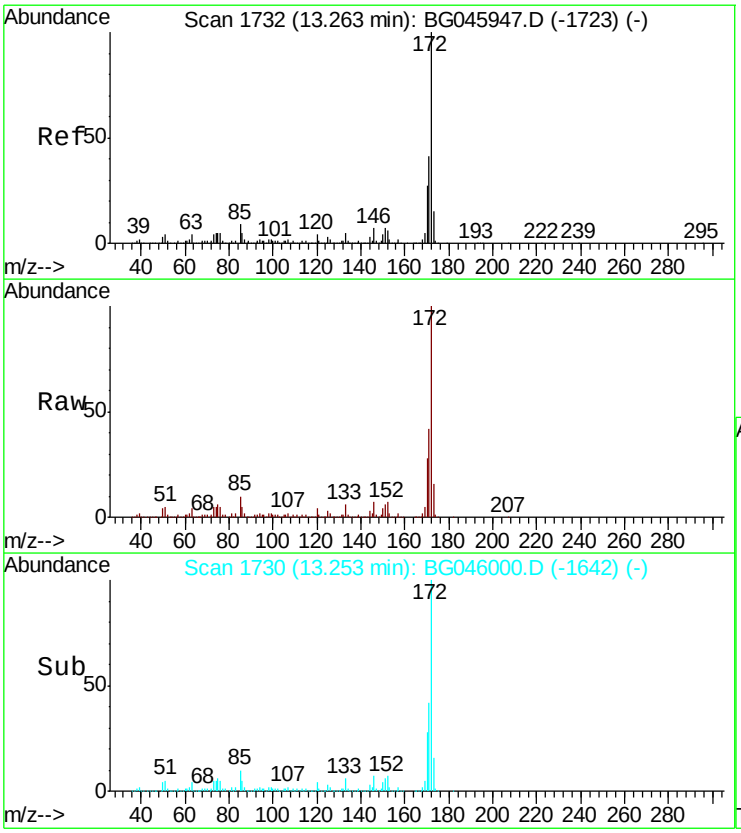
#42
2,4,6-Tribromophenol
Concen: 126.600 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:330 Resp: 481646

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	46.8	36.6	54.8

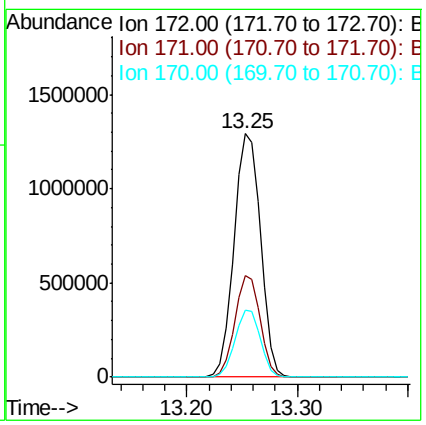


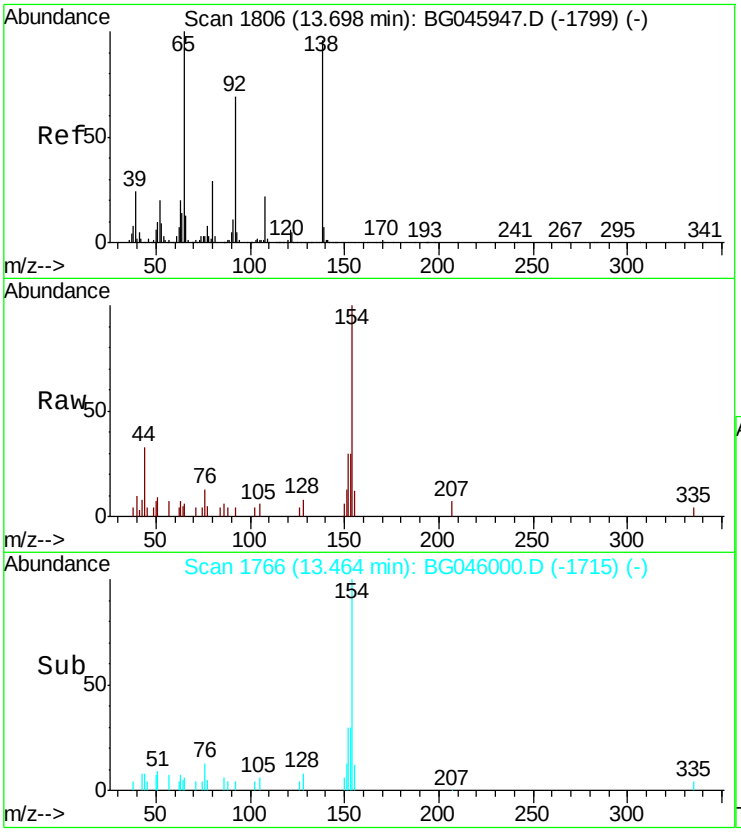


#45
2-Fluorobiphenyl
Concen: 82.939 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:172 Resp: 2179619

Ion	Ratio	Lower	Upper
172	100		
171	41.8	32.9	49.3
170	27.7	21.8	32.6



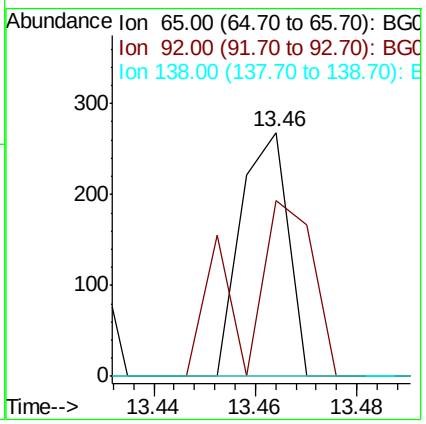


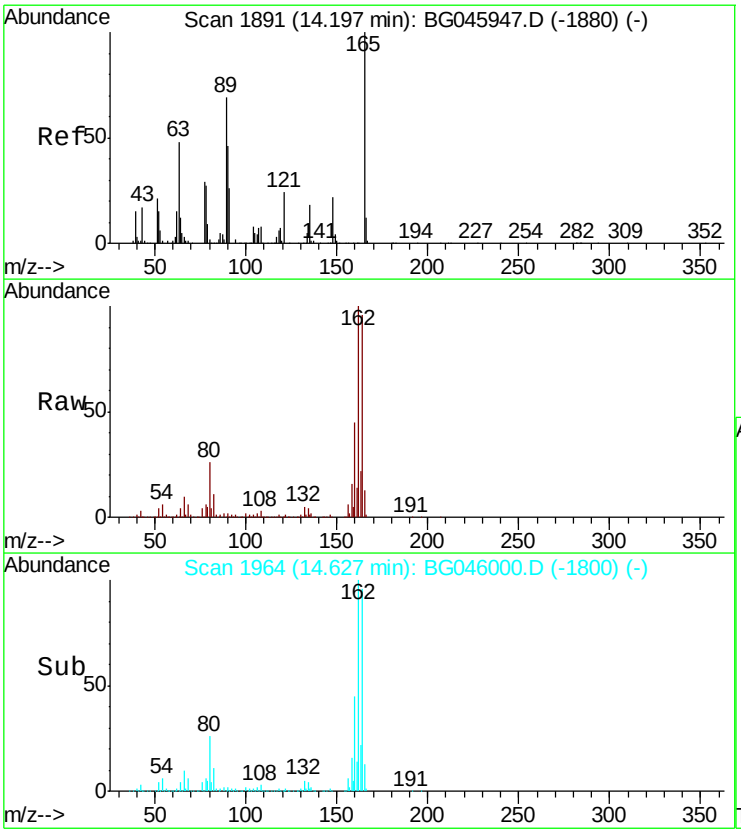
#48
2-Nitroaniline
Concen: 3.393 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.23 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion: 65 Resp: 172

Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.4	83.0
138	0.0	77.0	115.4#

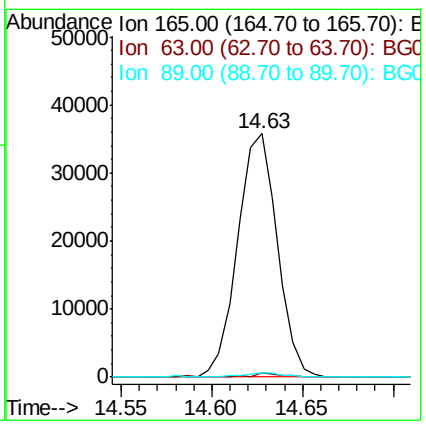


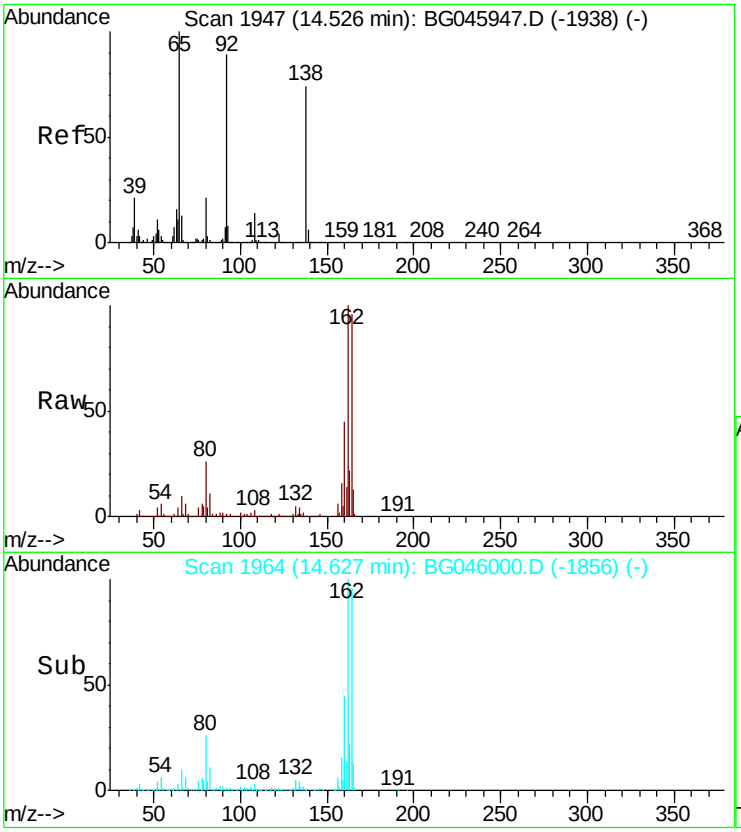


#51
2,6-Dinitrotoluene
Concen: 12.541 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:165 Resp: 54552

Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.0	76.4#
89	1.8	55.7	83.5#



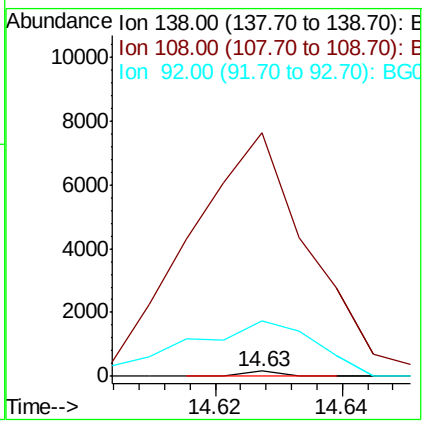


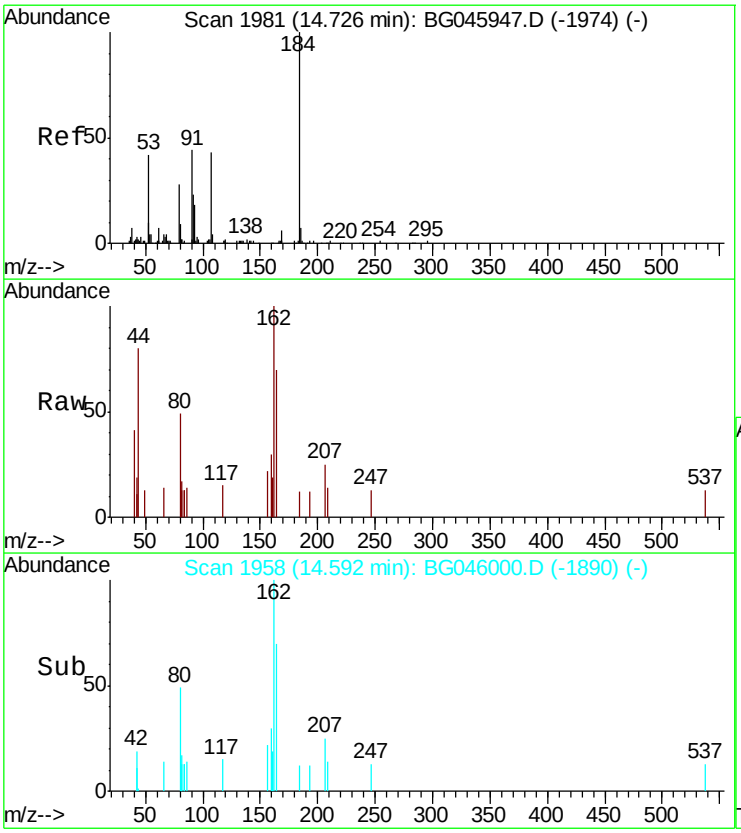
#53
3-Nitroaniline
Concen: 2.991 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.10 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	4921.9	15.4	23.2#
92	1131.6	95.9	143.9#

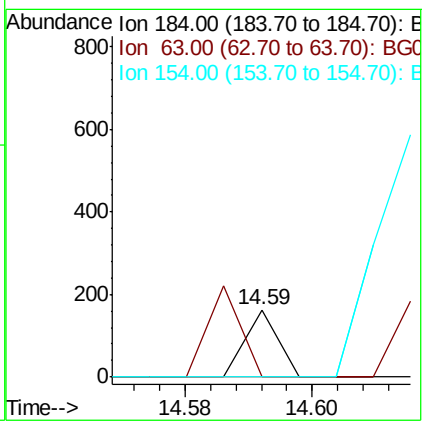


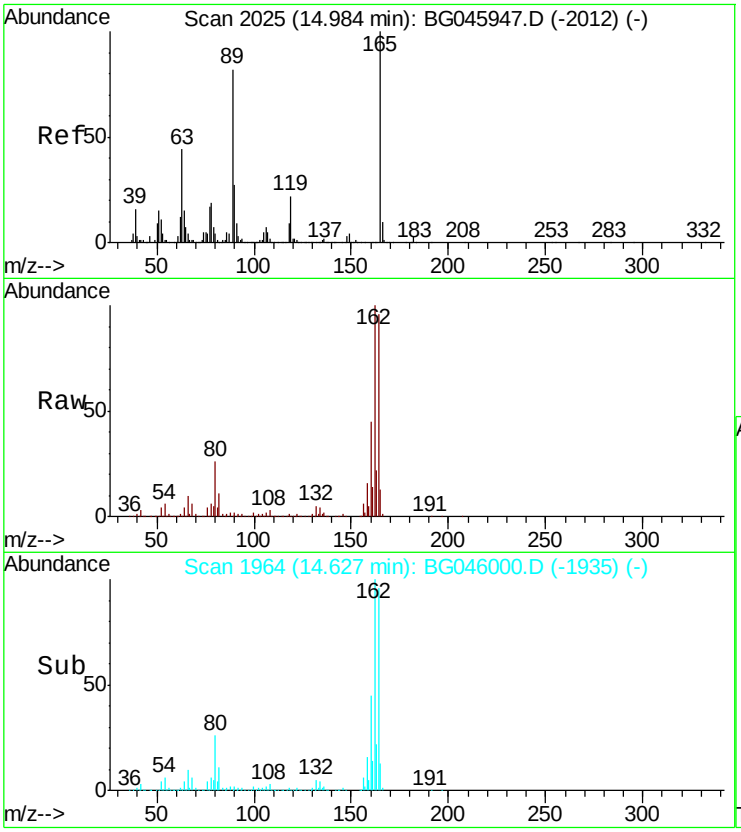


#54
2,4-Dinitrophenol
Concen: 6.136 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.13 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:184 Resp: 57

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



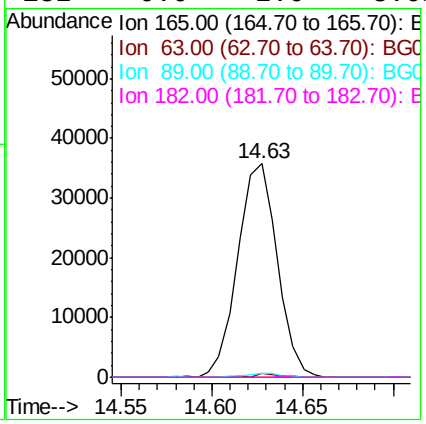


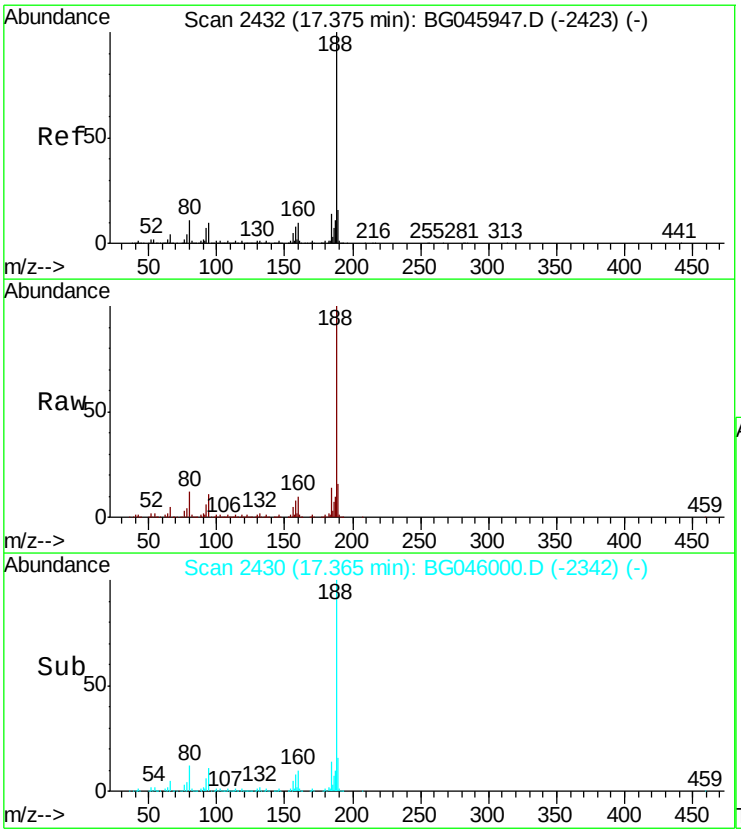
#57
2,4-Dinitrotoluene
Concen: 11.052 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:165 Resp: 54552

Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.4	53.0#
89	1.8	65.4	98.2#
182	0.0	2.0	3.0#

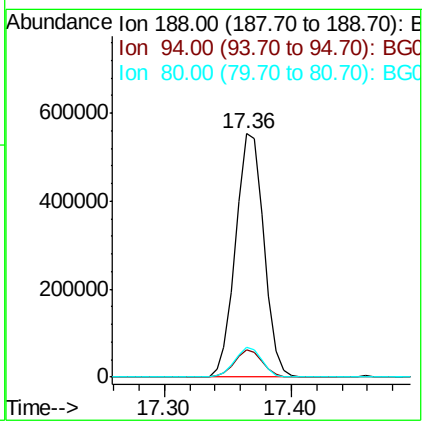


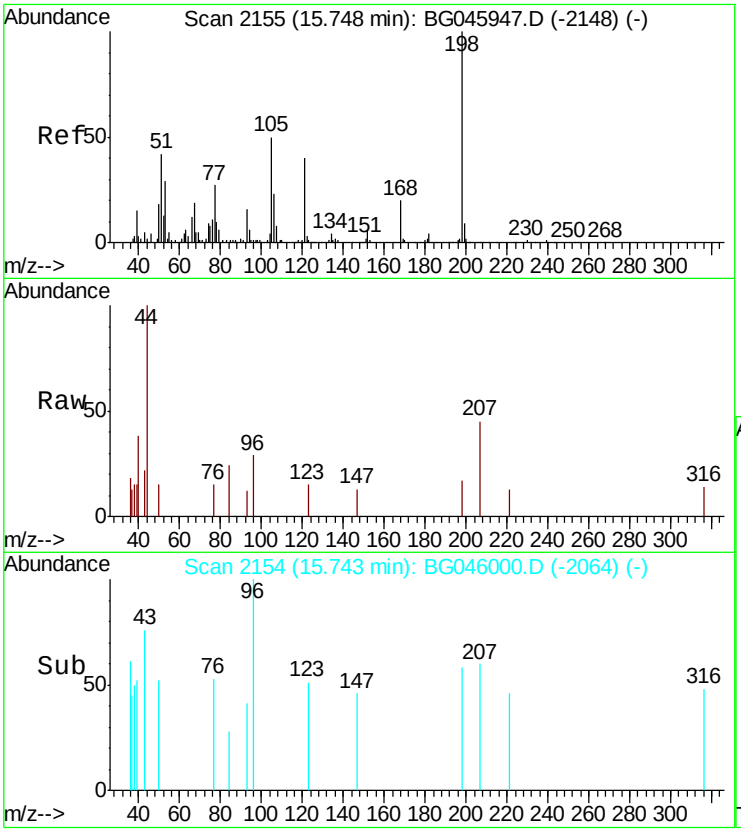


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:188 Resp: 850508

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.2	12.4
80	12.4	9.0	13.6



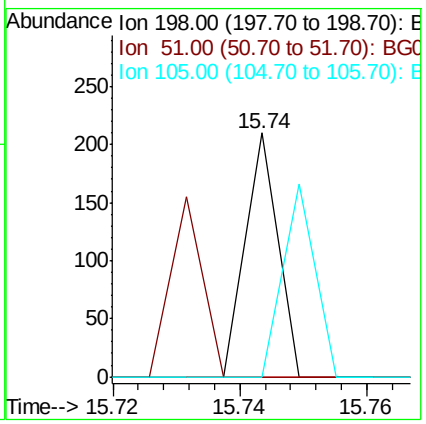


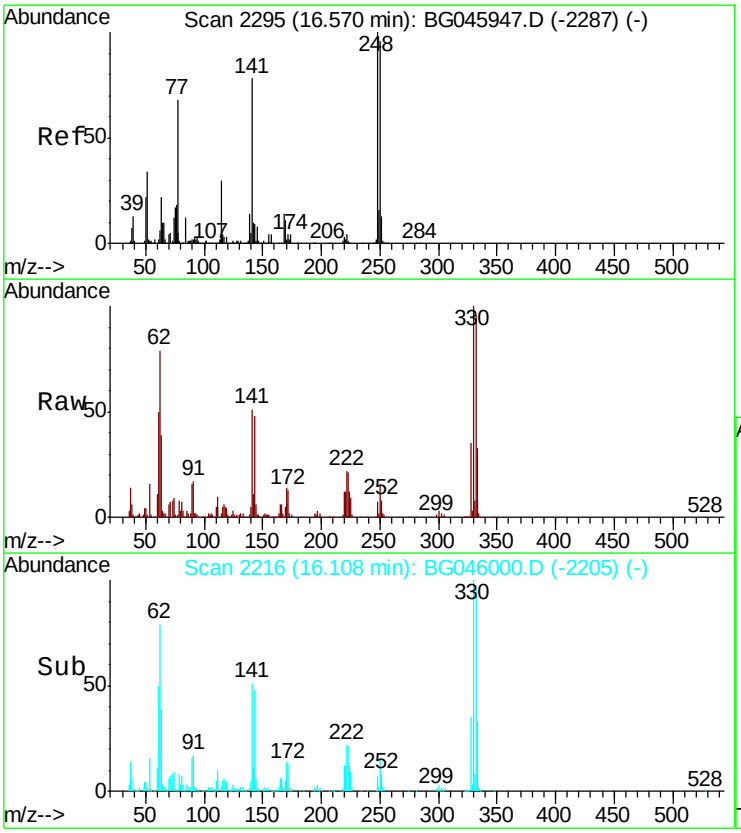
#65
4,6-Dinitro-2-methylphenol
Concen: 6.812 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:198 Resp: 74

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

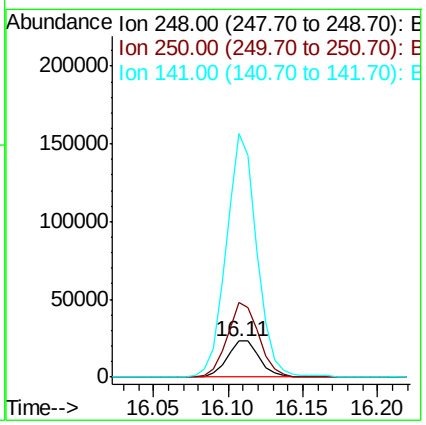


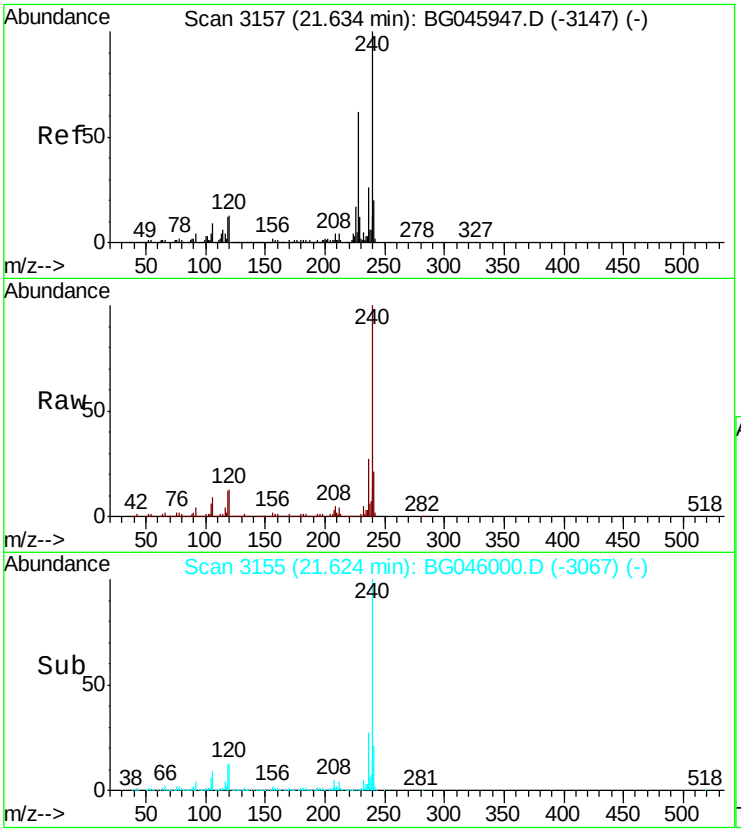


#67
4-Bromophenyl-phenylether
Concen: 3.715 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.46 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:248 Resp: 35293

Ion	Ratio	Lower	Upper
248	100		
250	209.2	76.6	114.8#
141	676.9	62.7	94.1#



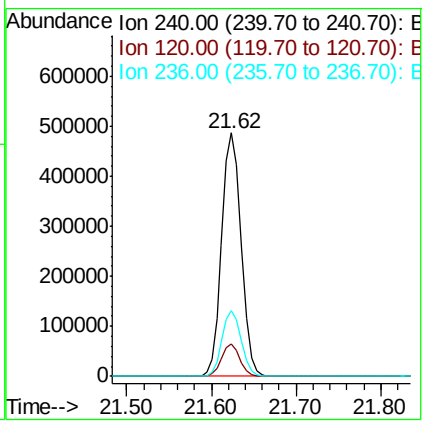


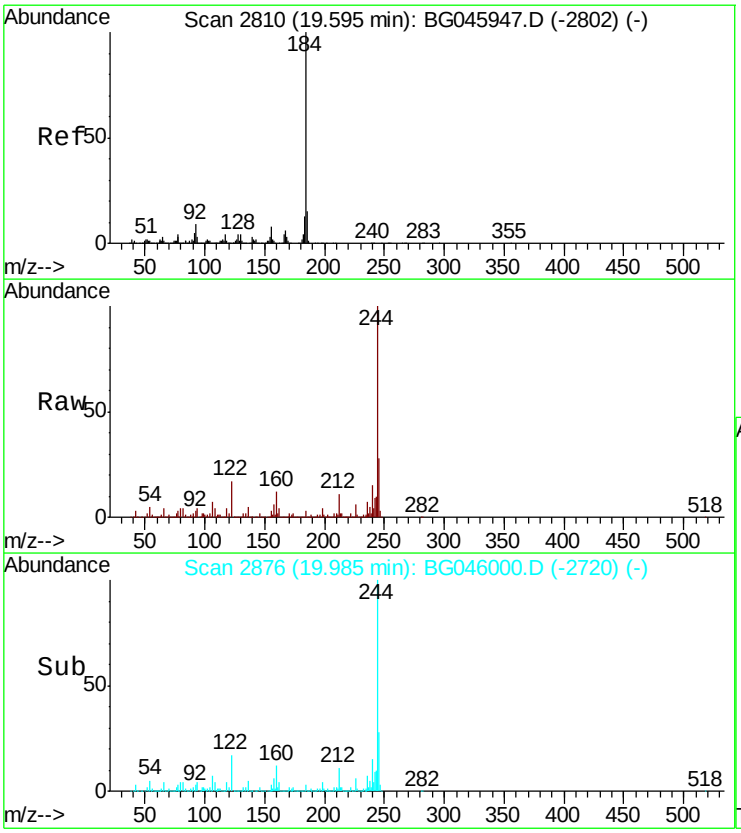
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:240 Resp: 773768

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.6	16.0
236	27.0	20.4	30.6

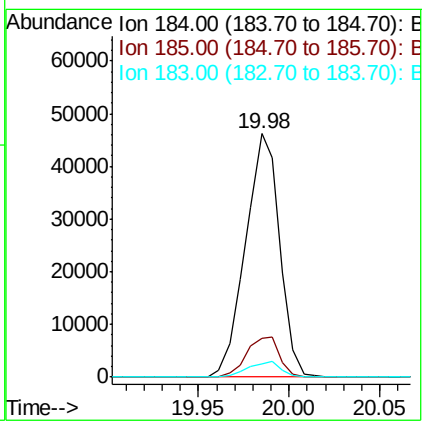


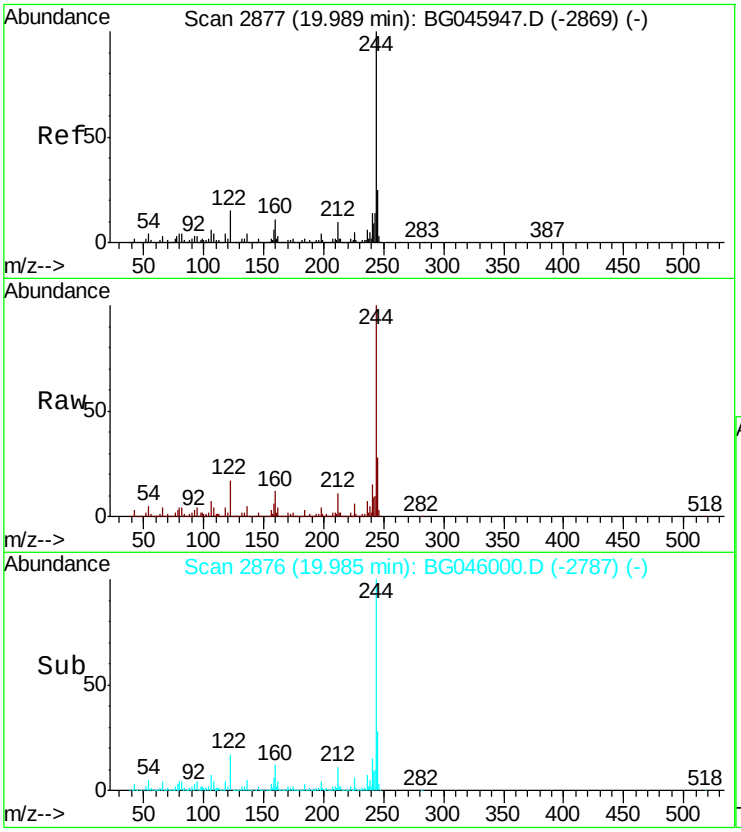


#77
Benzidine
Concen: 2.744 ng
RT: 19.98 min Scan# 2876
Delta R.T. 0.39 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:184 Resp: 60714

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.6	17.4
183	5.3	10.4	15.6#



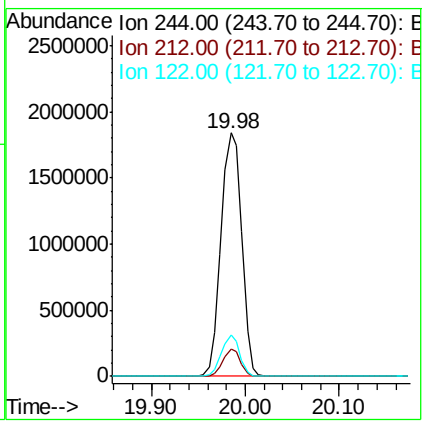


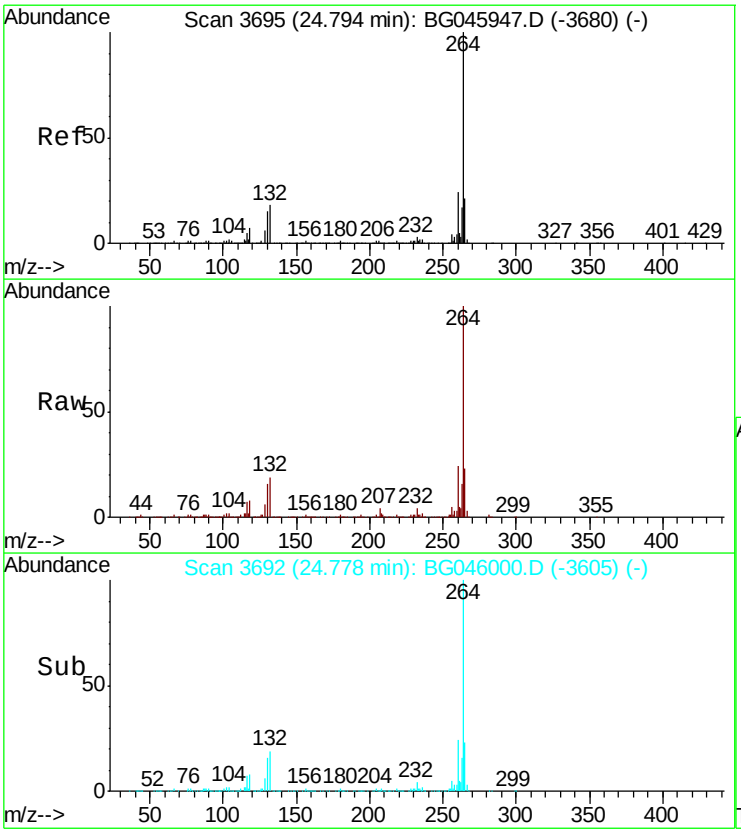
#79
Terphenyl-d14
Concen: 81.374 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

Tgt Ion:244 Resp: 2829208

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.3	12.5
122	17.2	12.1	18.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:264 Resp: 760590

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	23.0	16.9	25.3