Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046015.D
Acq On : 10 Jul 2020 20:32
Operator : CG/JU
Sample : L3203-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-20

Quant Time: Jul 11 01:01:41 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	8.00	152	130803	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	535252	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	338800	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	772256	20.00	ng	0.00
76) Chrysene-d12	21.63	240	697880	20.00	ng	0.00
86) Perylene-d12	24.78	264	670022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1141379	141.51	ng	0.00
7) Phenol-d6	7.16	99	1493626	128.62	ng	0.00
23) Nitrobenzene-d5	9.16	82	1214330	130.58	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	600883	191.10	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2235736	102.93	ng	0.00
79) Terphenyl-d14	19.99	244	3168950	101.06	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.33	79	20024	2.199	ng	# 45
19) n-Nitroso-di-n-propylamine	9.16	70	167207	20.496	ng	# 80
32) Benzoic acid	10.04	122	56	6.517	ng	# 19
48) 2-Nitroaniline	13.46	65	185	3.400	ng	# 7
51) 2,6-Dinitrotoluene	14.63	165	44781	12.479	ng	# 19
53) 3-Nitroaniline	14.84	138	145	3.007	ng	# 1
57) 2,4-Dinitrotoluene	14.63	165	44781	11.004	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.11	198	2609	7.633	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	45031	5.221	ng	# 1
77) Benzidine	19.99	184	76145	3.816	ng	# 92

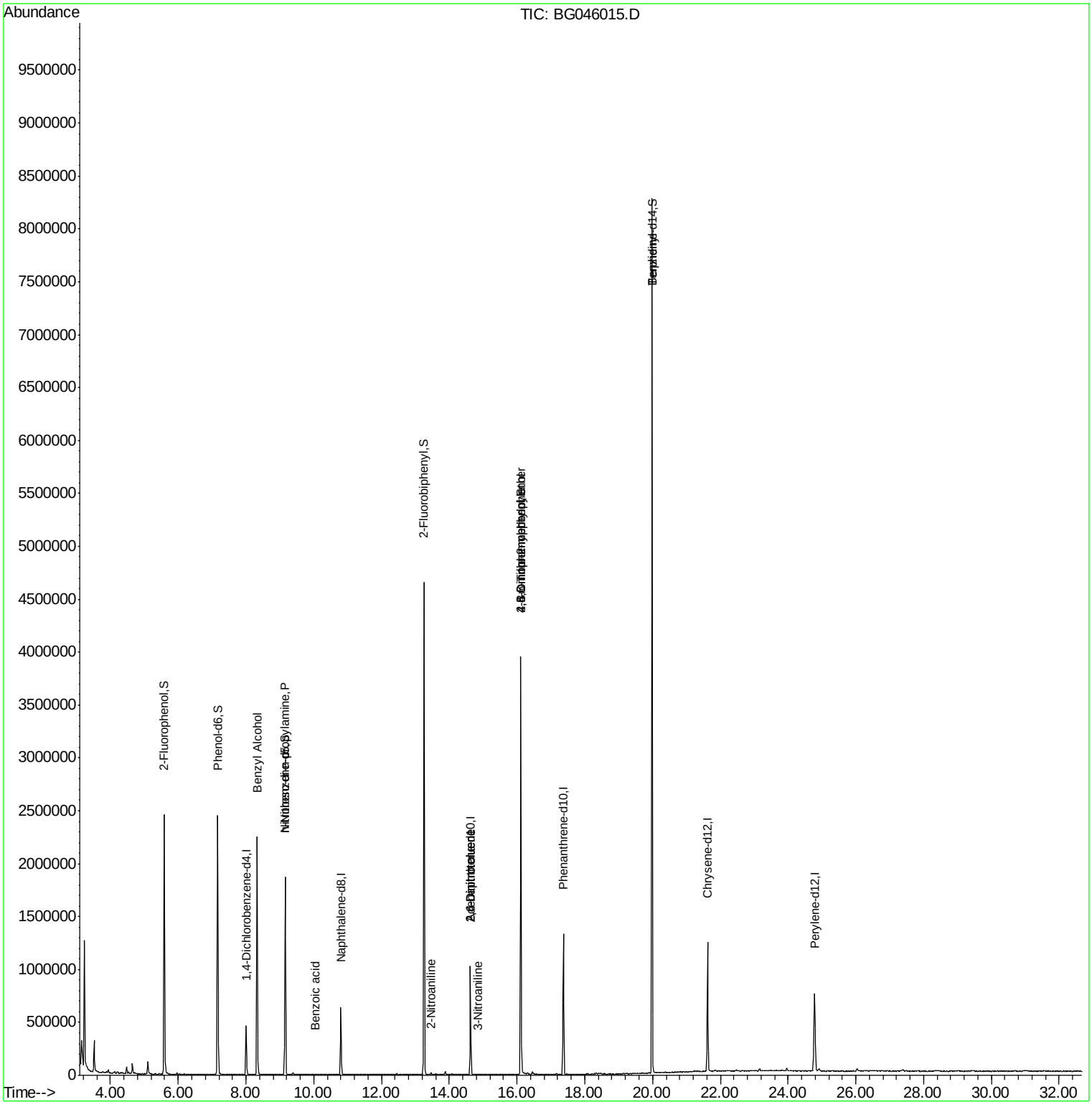
(#) = qualifier out of range (m) = manual integration (+) = signals summed

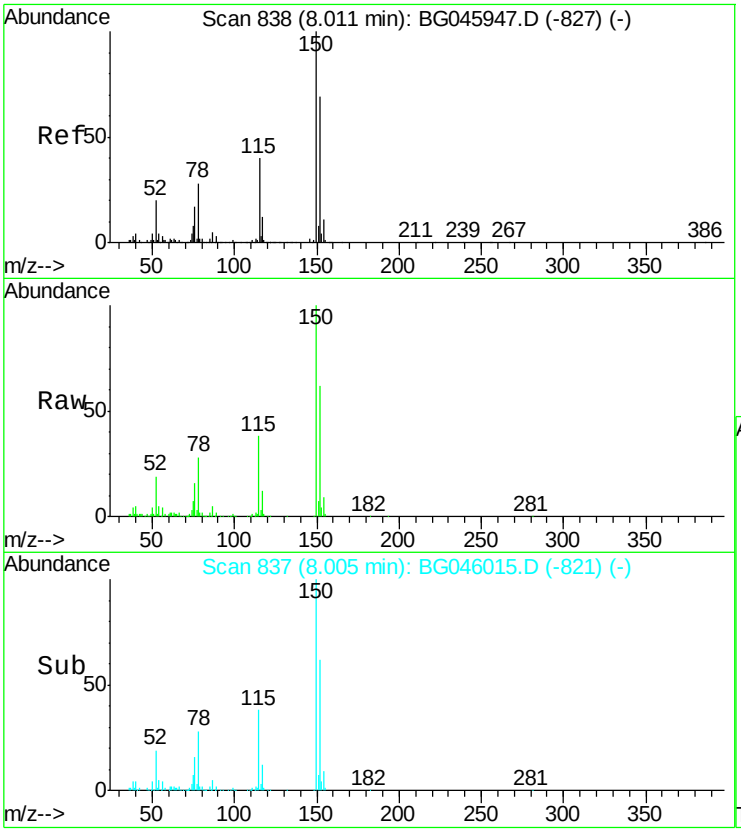
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046015.D
Acq On : 10 Jul 2020 20:32
Operator : CG/JU
Sample : L3203-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-20

Quant Time: Jul 11 01:01:41 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



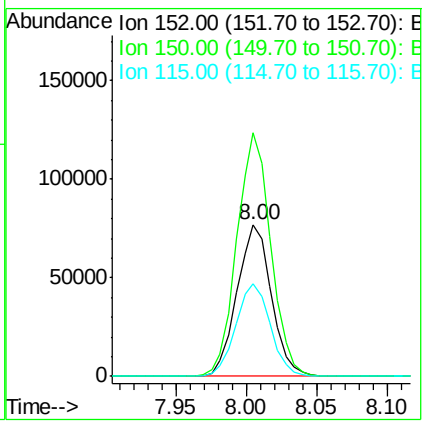


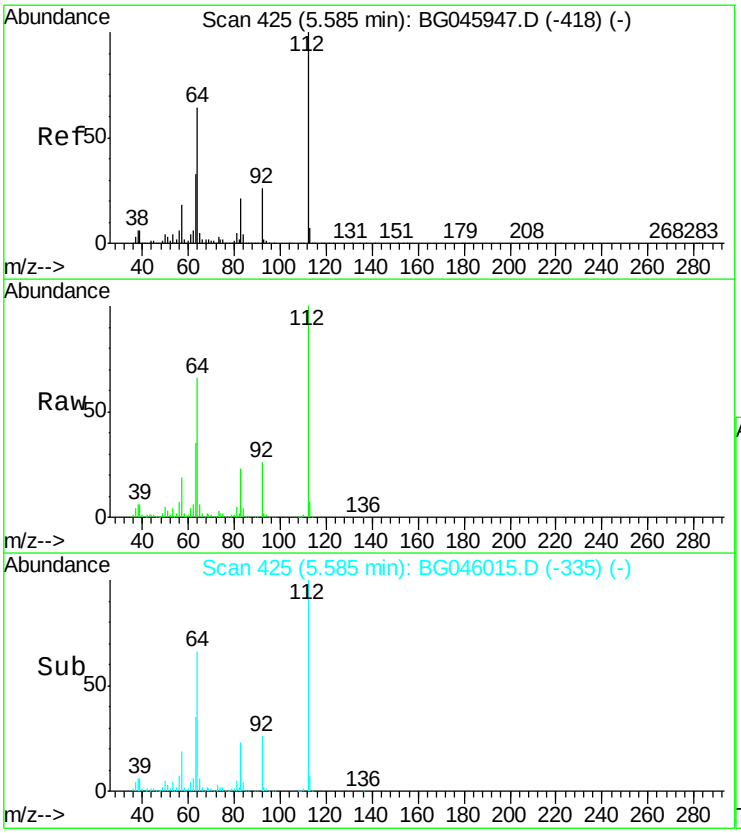
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:152 Resp: 130803

Ion	Ratio	Lower	Upper
152	100		
150	160.2	116.7	175.1
115	60.5	47.4	71.0

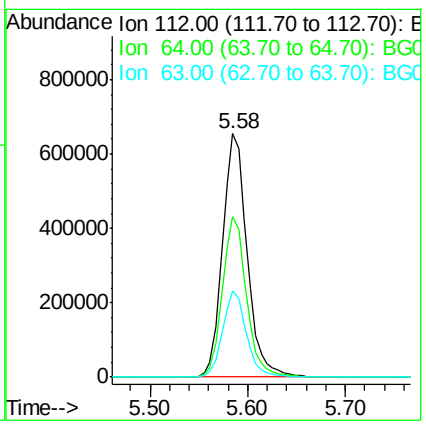


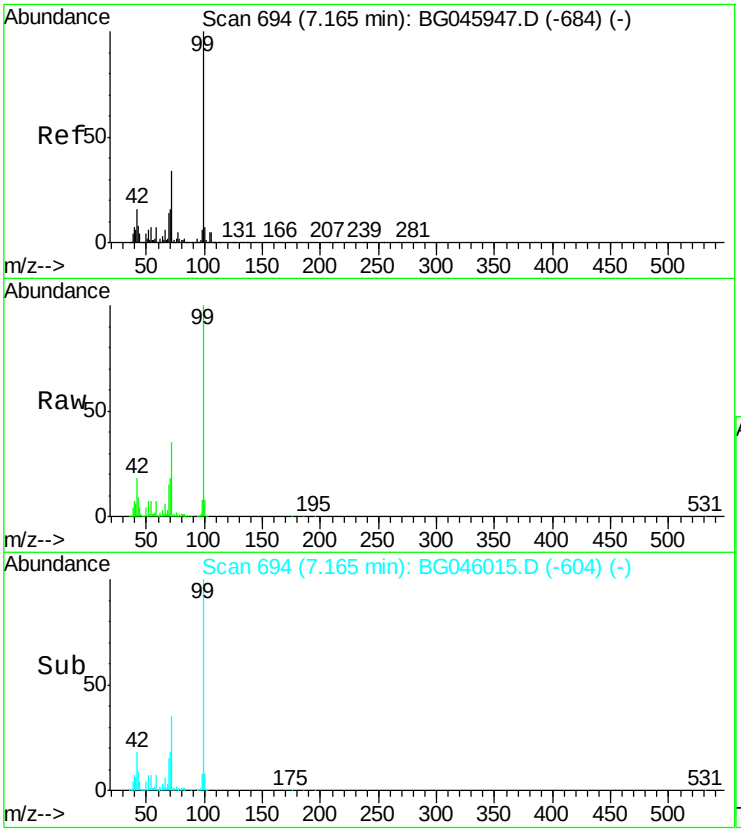


#5
2-Fluorophenol
Concen: 141.506 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:112 Resp: 1141379

Ion	Ratio	Lower	Upper
112	100		
64	65.8	51.4	77.2
63	35.4	26.6	40.0



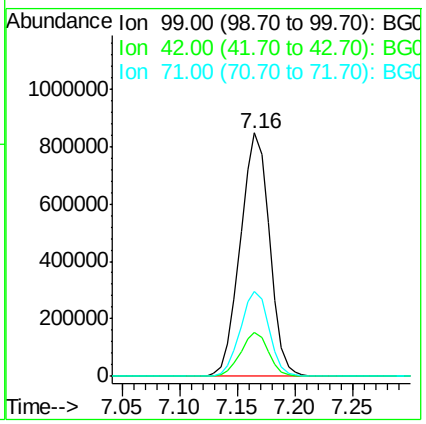


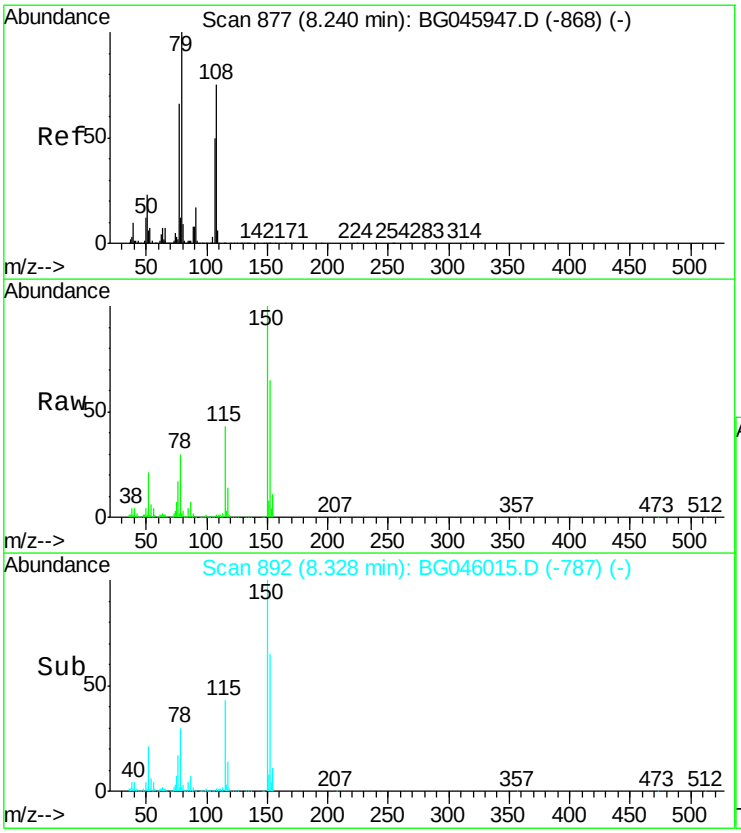
#7
Phenol-d6
Concen: 128.621 ng
RT: 7.16 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion: 99 Resp: 1493626

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.0	19.4
71	35.1	27.5	41.3

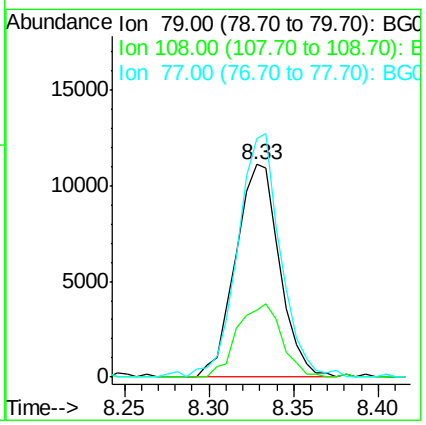


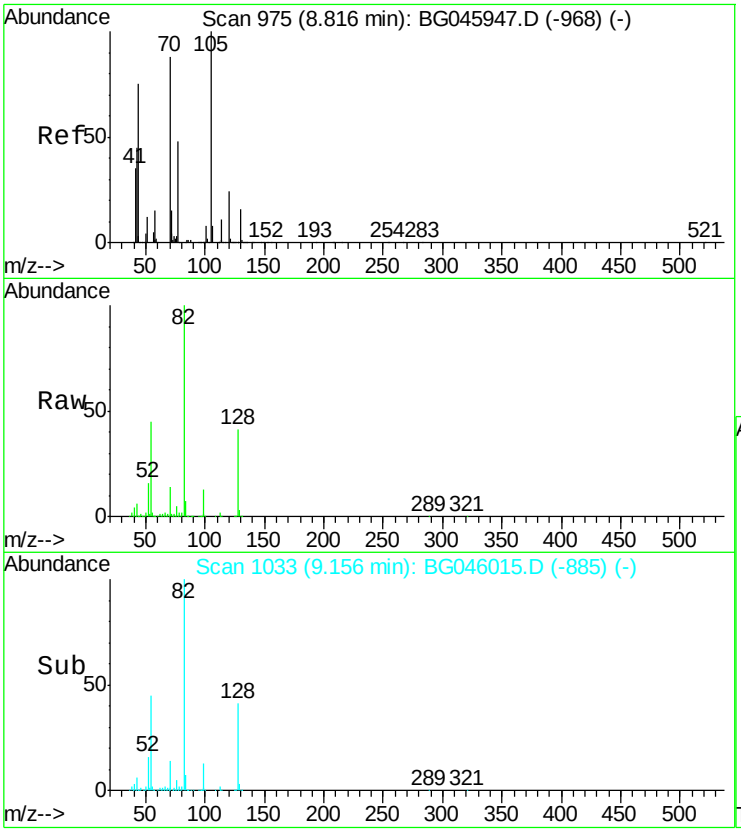


#15
Benzyl Alcohol
Concen: 2.199 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.09 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion: 79 Resp: 20024

Ion	Ratio	Lower	Upper
79	100		
108	31.3	60.2	90.4#
77	112.4	52.9	79.3#



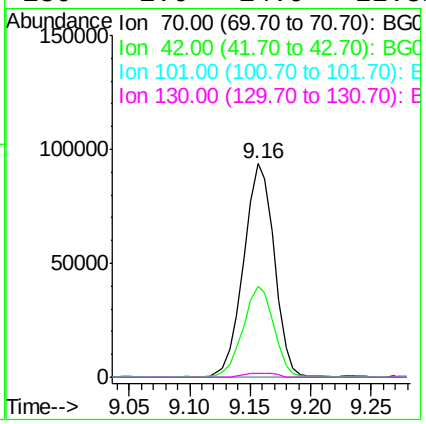


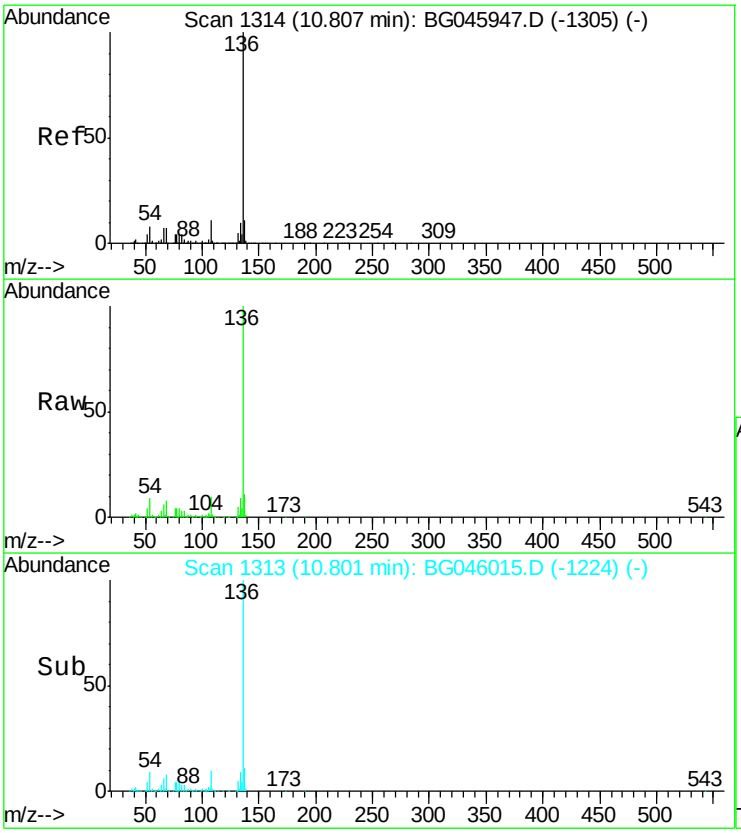
#19
n-Nitroso-di-n-propylamine
Concen: 20.496 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion: 70 Resp: 167207

Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.4	62.0
101	0.0	7.1	10.7#
130	1.6	14.9	22.3#

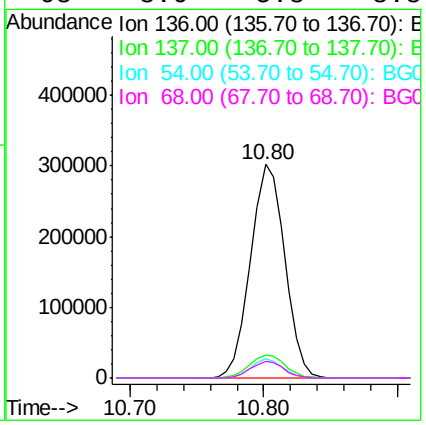


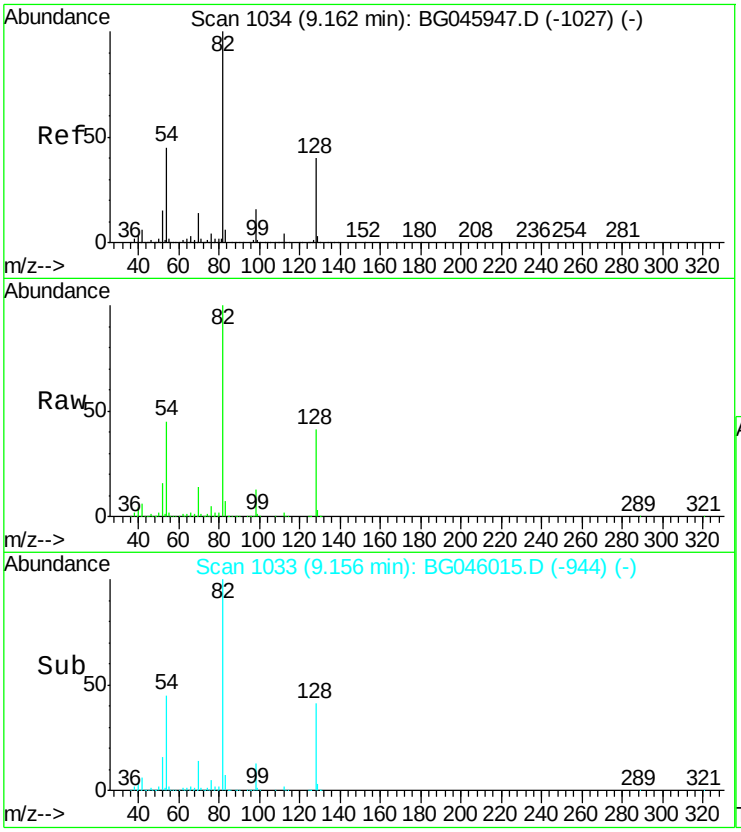


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:136 Resp: 535252

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.8	6.2	9.4
68	8.0	5.8	8.8



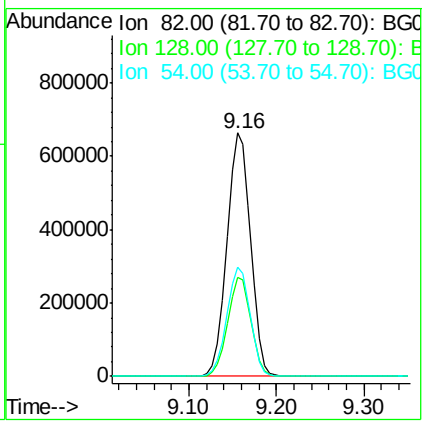


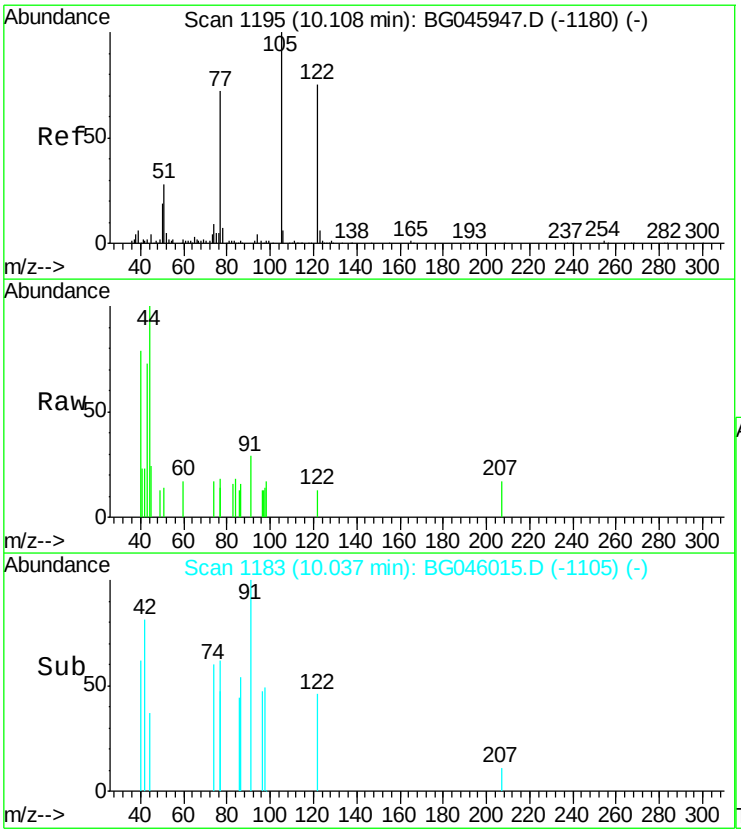
#23
Nitrobenzene-d5
Concen: 130.582 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion: 82 Resp: 1214330

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.2	48.4
54	44.8	35.8	53.6

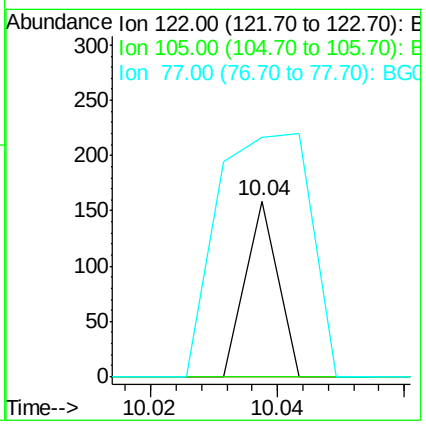


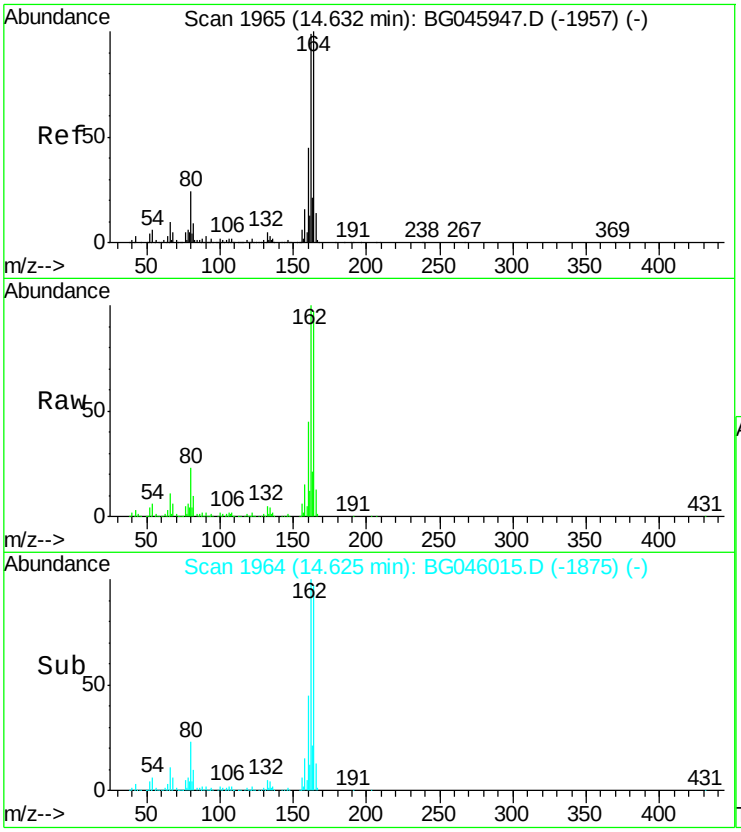


#32
Benzoic acid
Concen: 6.517 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.07 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	110.8	150.8#
77	135.8	76.4	116.4#



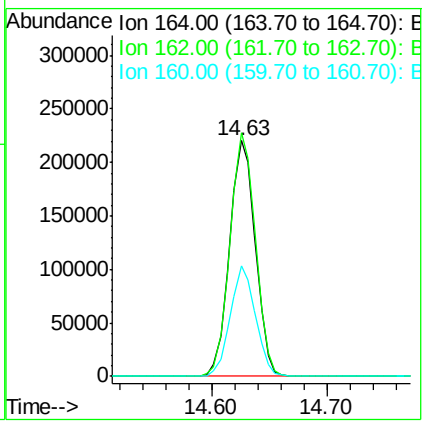


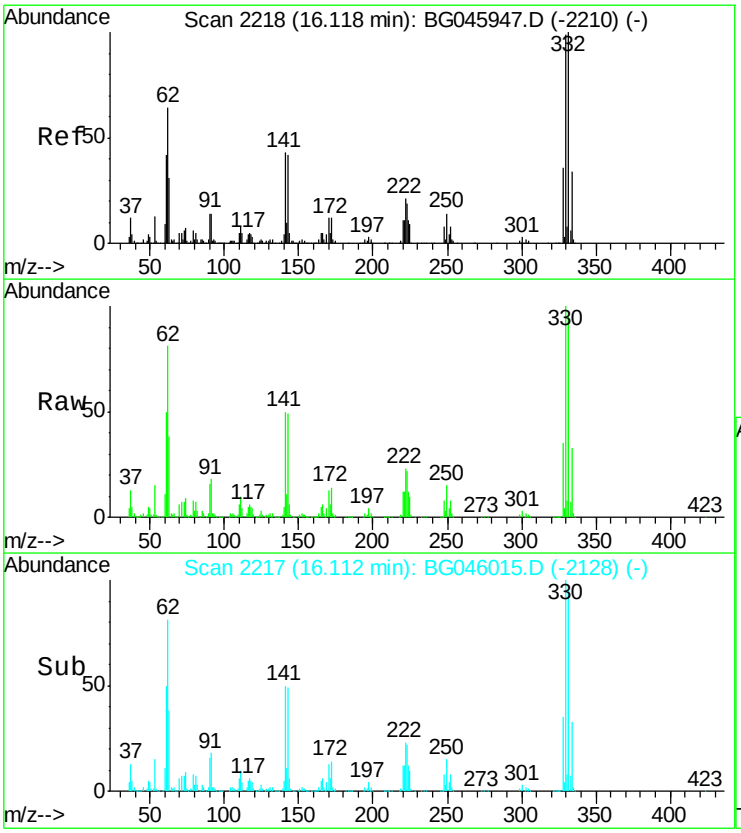
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:164 Resp: 338800

Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.3	118.9
160	47.0	35.7	53.5

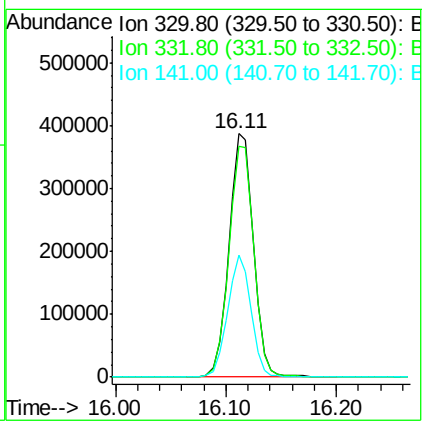


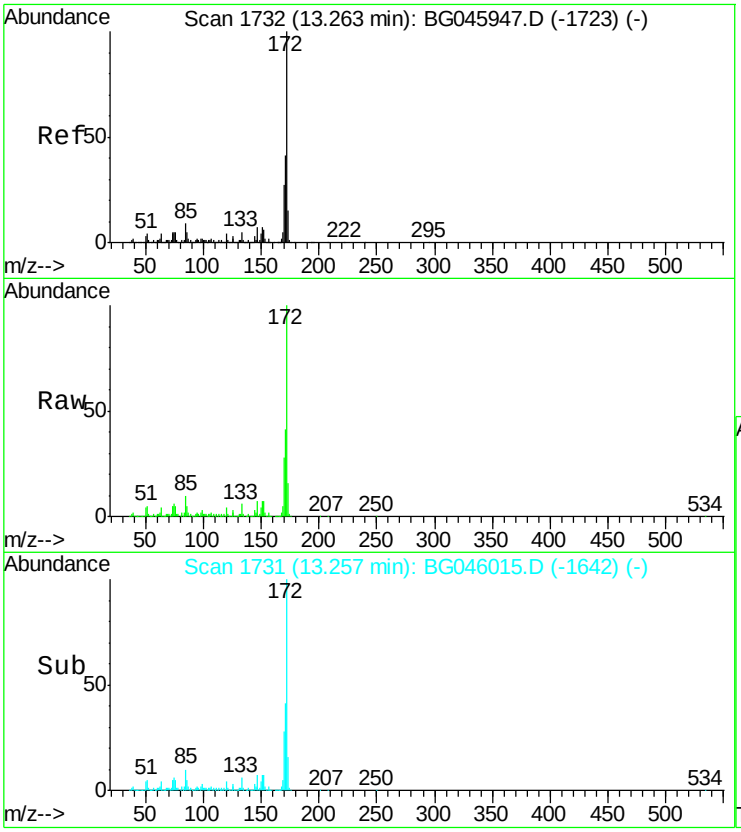


#42
2,4,6-Tribromophenol
Concen: 191.095 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:330 Resp: 600883

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.3	117.5
141	47.9	36.6	54.8



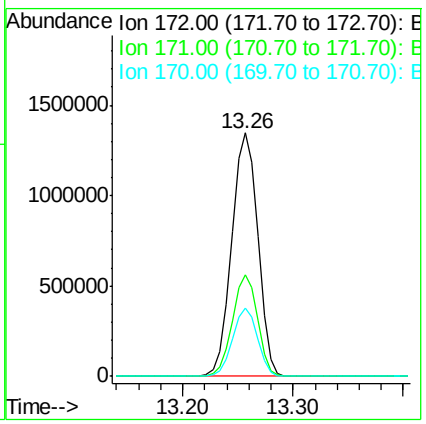


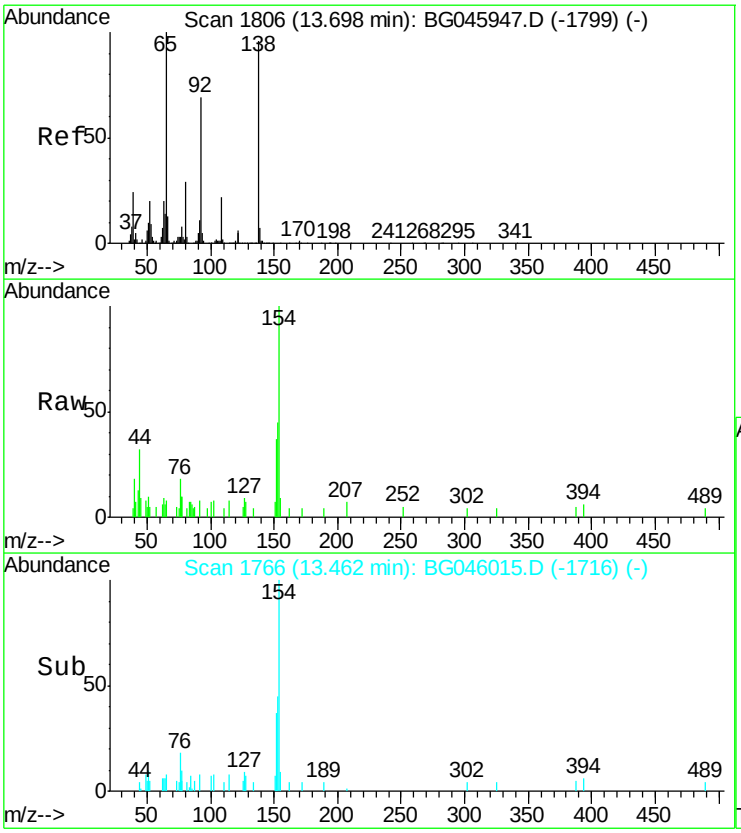
#45
2-Fluorobiphenyl
Concen: 102.933 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:172 Resp: 2235736

Ion	Ratio	Lower	Upper
172	100		
171	41.5	32.9	49.3
170	28.1	21.8	32.6

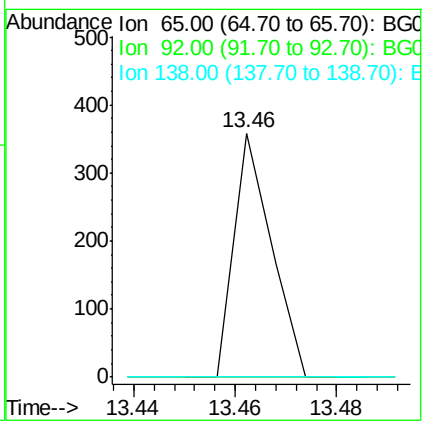


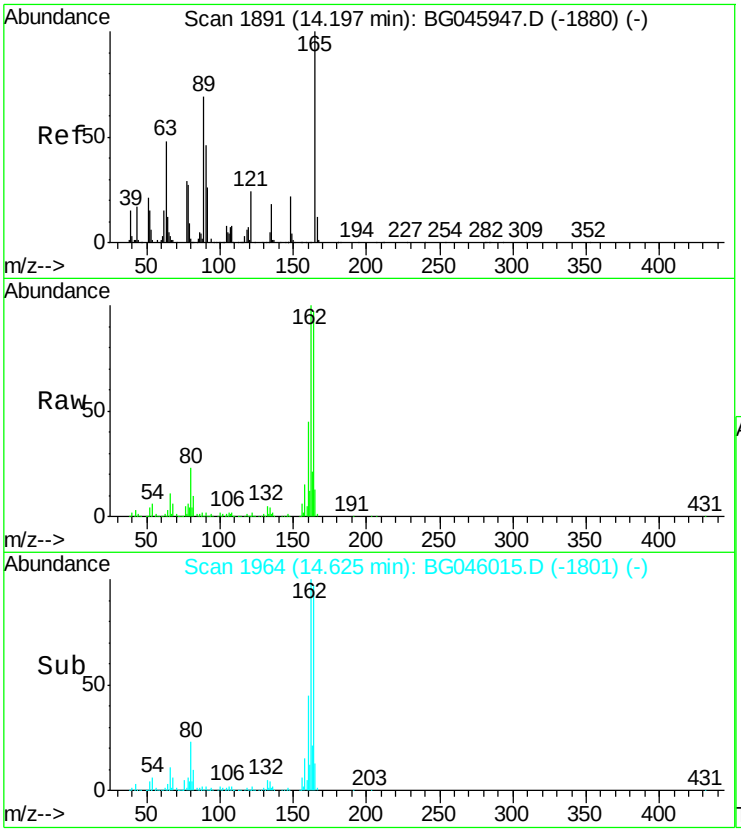


#48
2-Nitroaniline
Concen: 3.400 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.23 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion: 65 Resp: 185

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



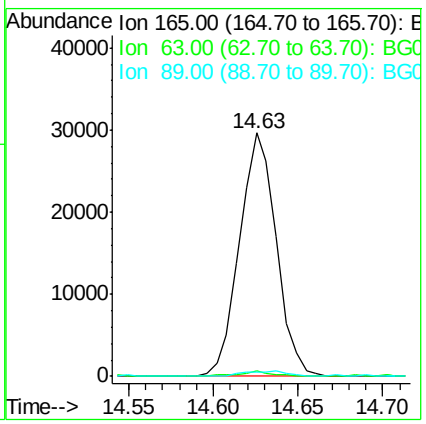


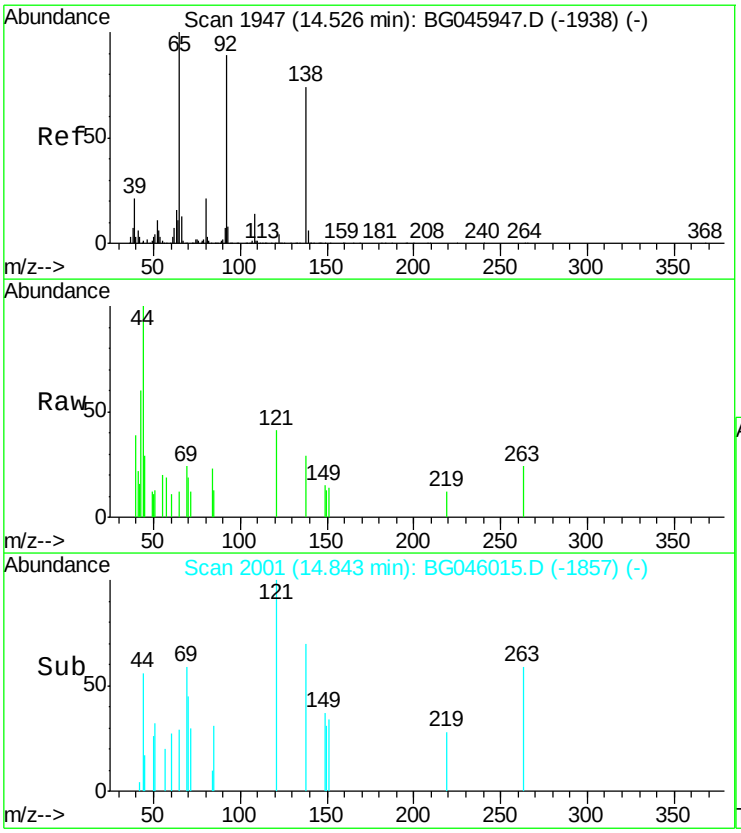
#51
2,6-Dinitrotoluene
Concen: 12.479 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:165 Resp: 44781

Ion	Ratio	Lower	Upper
165	100		
63	2.3	51.0	76.4#
89	2.0	55.7	83.5#

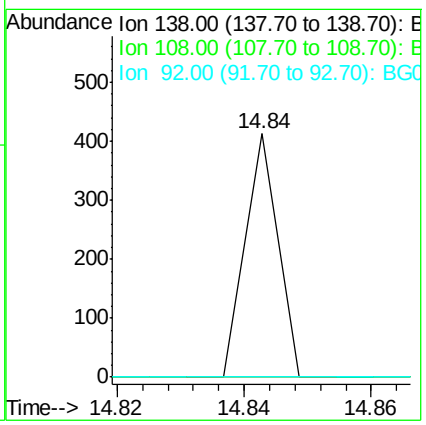


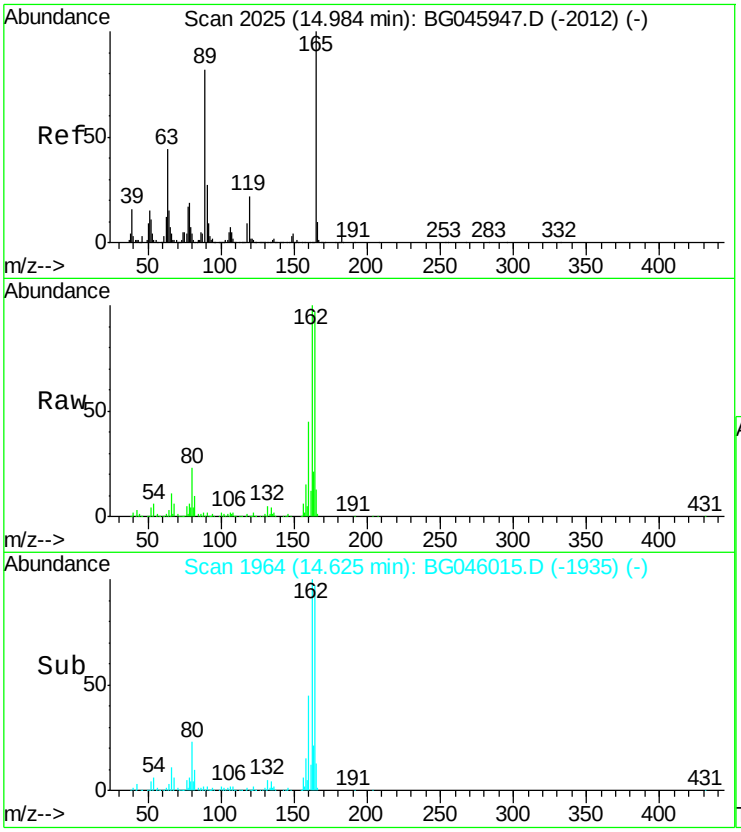


#53
3-Nitroaniline
Concen: 3.007 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.32 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:138 Resp: 145

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



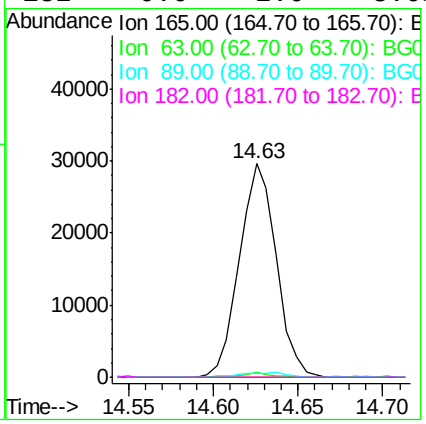


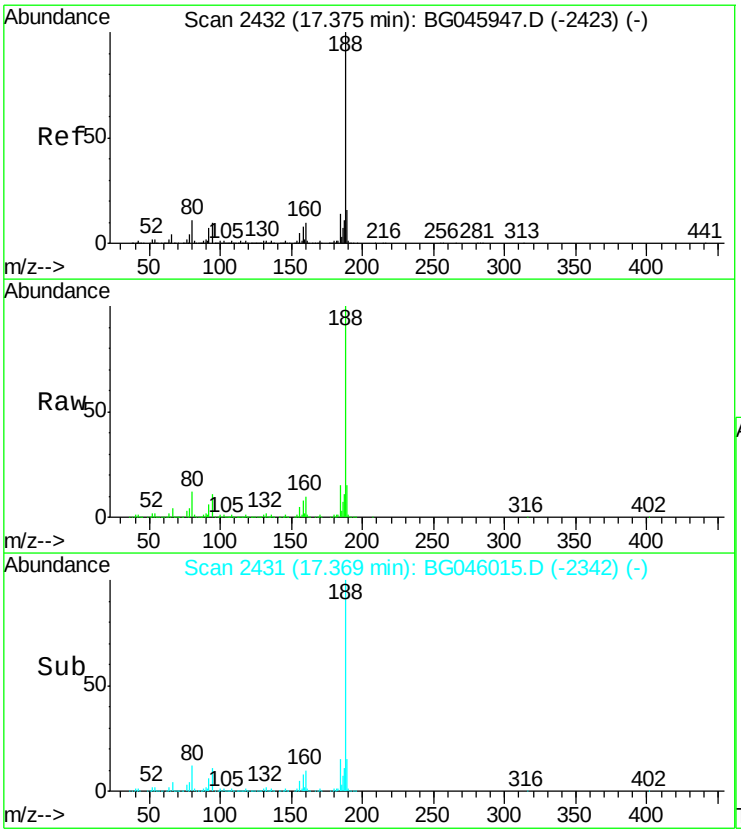
#57
2,4-Dinitrotoluene
Concen: 11.004 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:165 Resp: 44781

Ion	Ratio	Lower	Upper
165	100		
63	2.3	35.4	53.0#
89	2.0	65.4	98.2#
182	0.0	2.0	3.0#

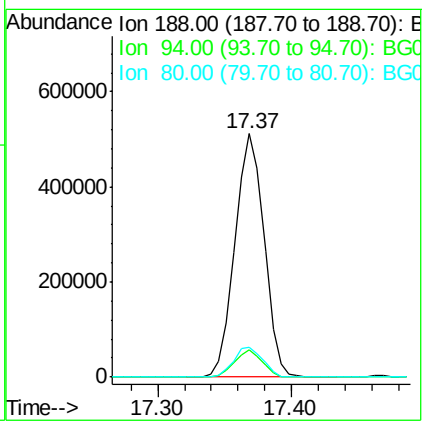


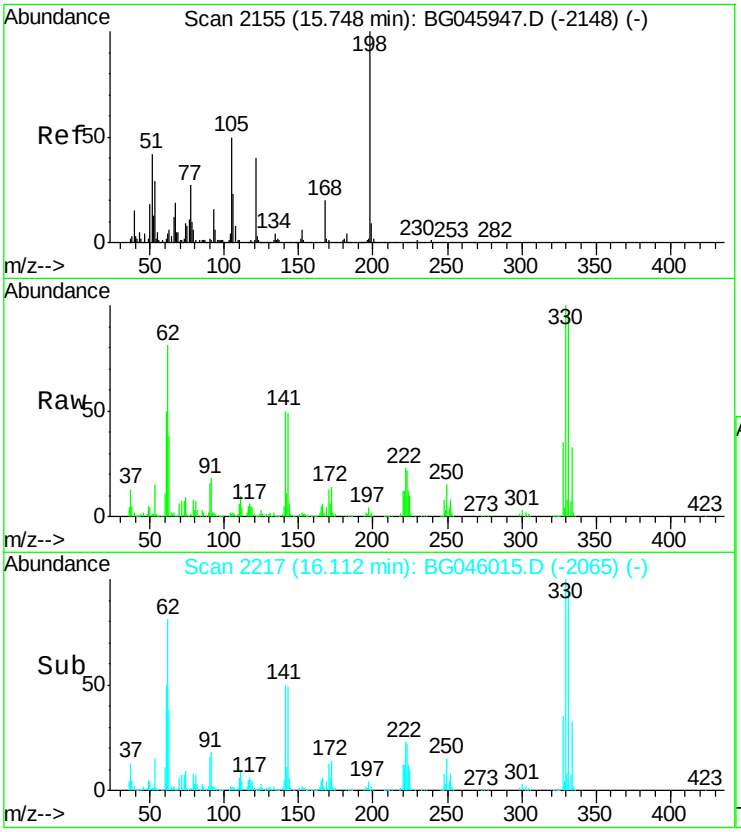


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:188 Resp: 772256

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.2	12.4
80	12.1	9.0	13.6



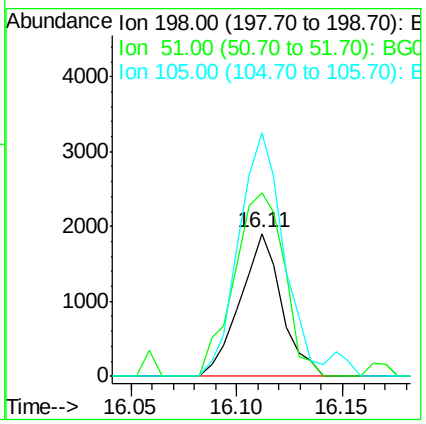


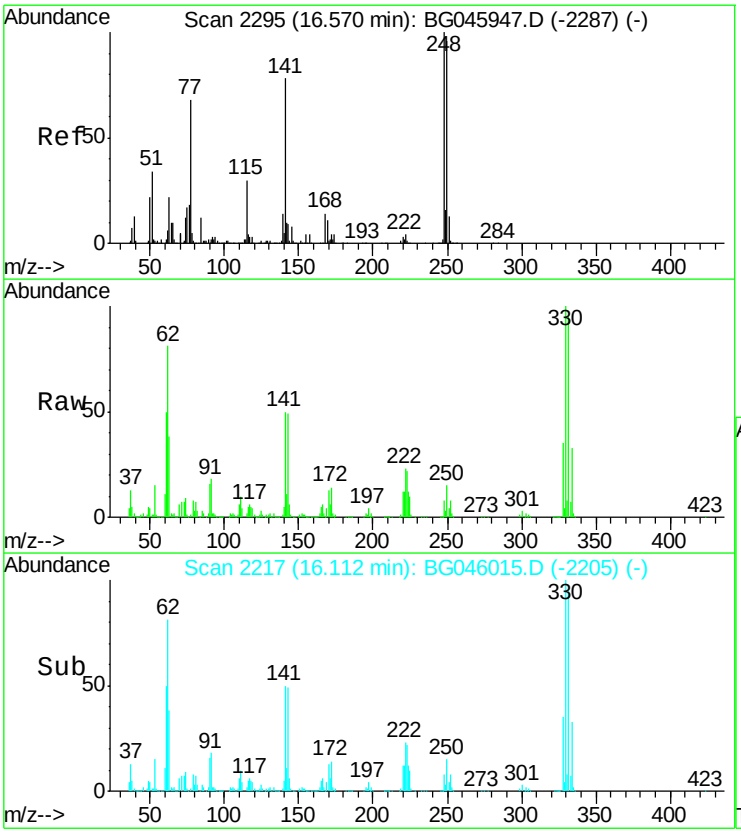
#65
4,6-Dinitro-2-methylphenol
Concen: 7.633 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.36 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:198 Resp: 2609

Ion	Ratio	Lower	Upper
198	100		
51	128.2	24.5	64.5#
105	170.6	30.9	70.9#

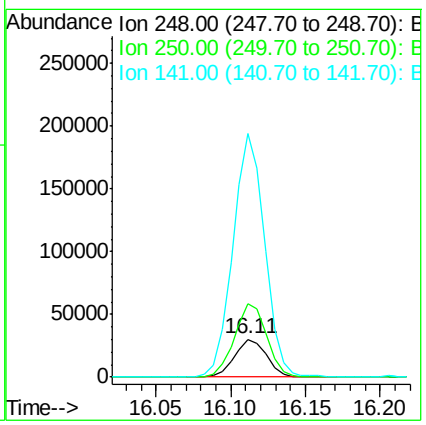


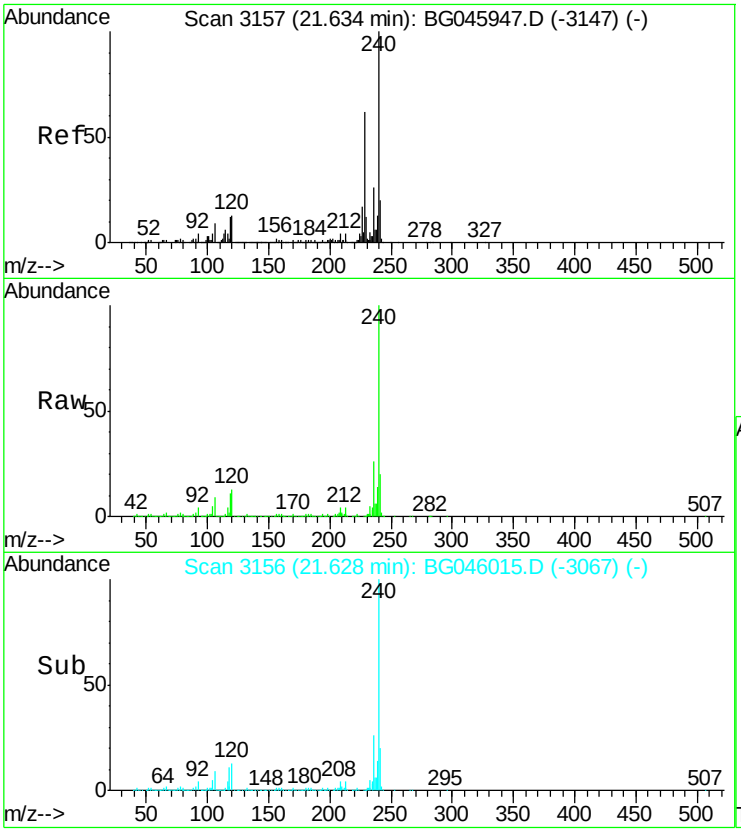


#67
4-Bromophenyl-phenylether
Concen: 5.221 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:248 Resp: 45031

Ion	Ratio	Lower	Upper
248	100		
250	192.6	76.6	114.8#
141	644.1	62.7	94.1#



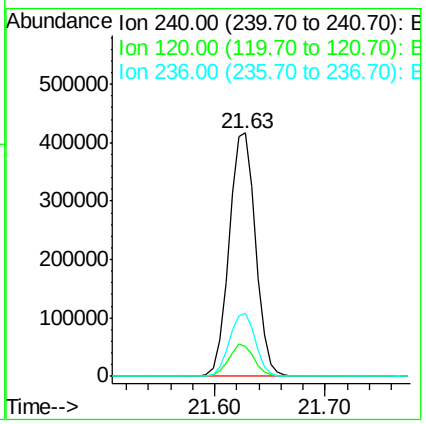


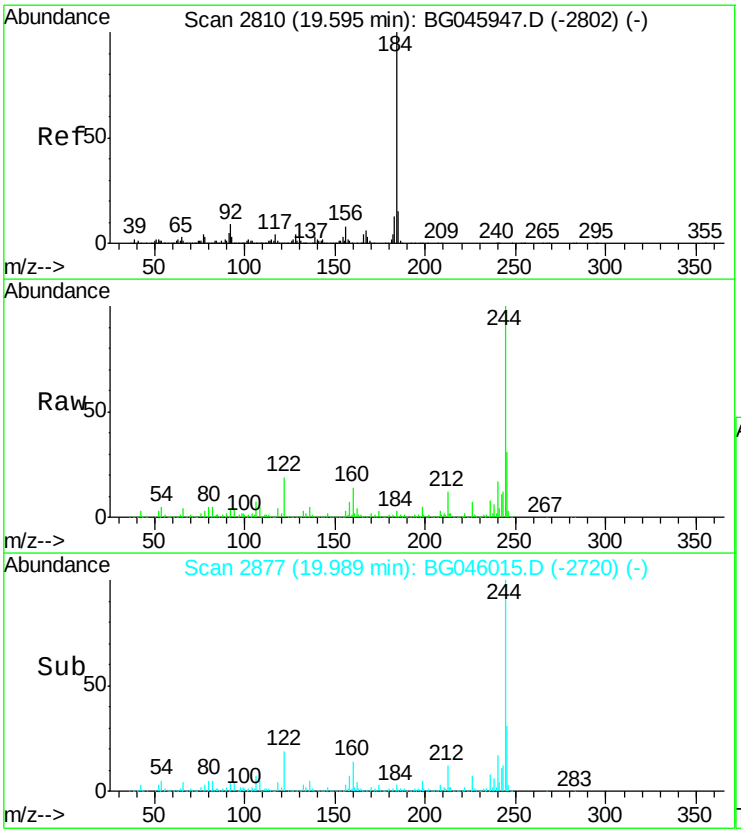
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:240 Resp: 697880

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.6	16.0
236	26.2	20.4	30.6

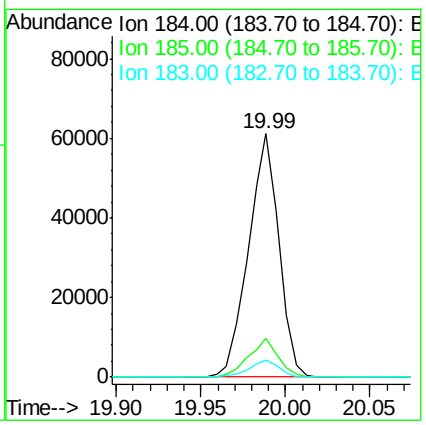


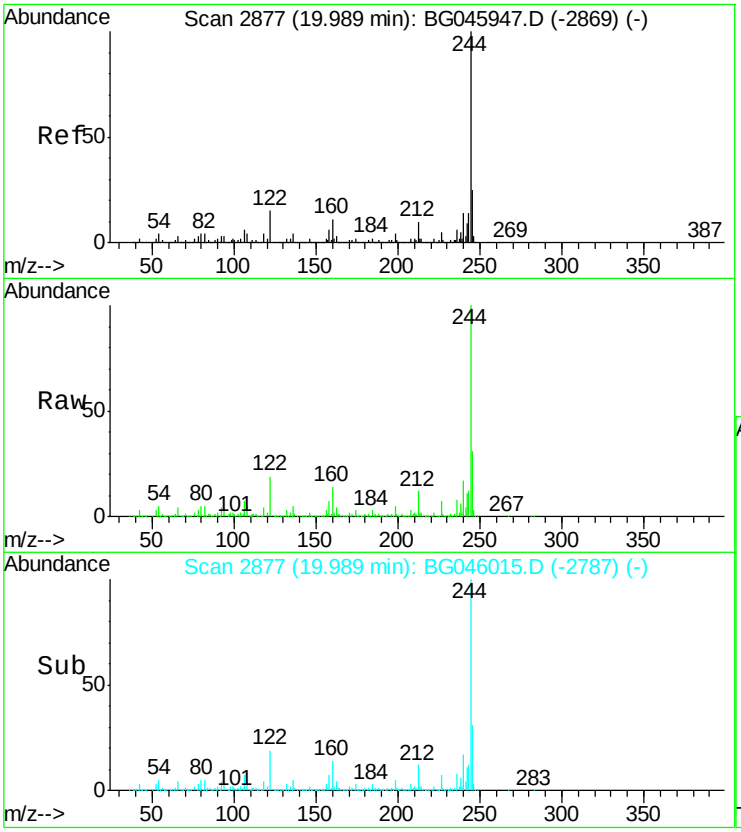


#77
Benzidine
Concen: 3.816 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:184 Resp: 76145

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.6	17.4
183	7.2	10.4	15.6#



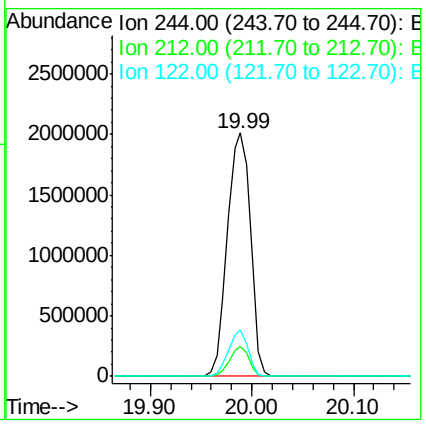


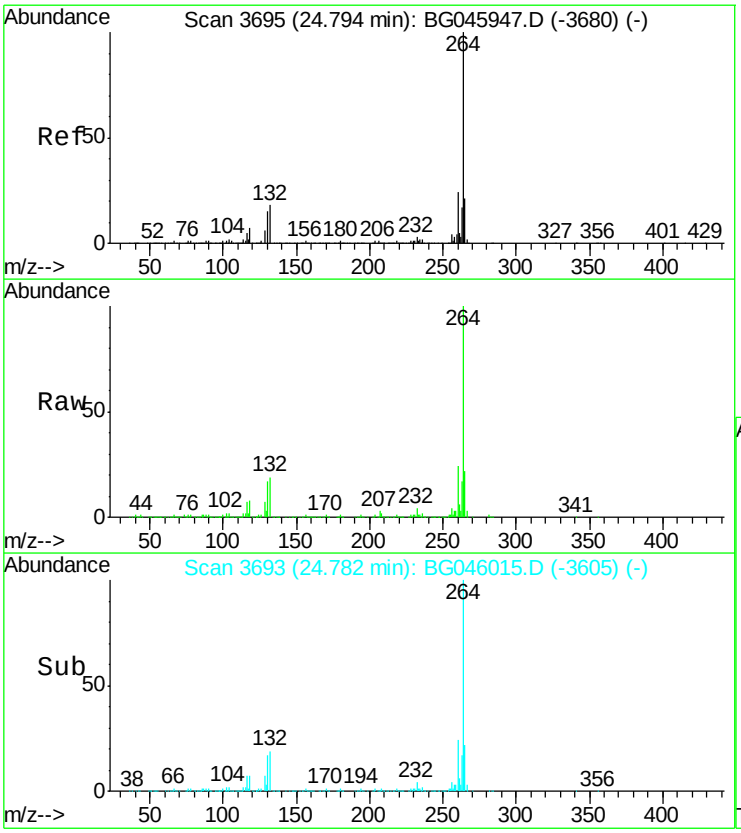
#79
Terphenyl-d14
Concen: 101.057 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tgt Ion:244 Resp: 3168950

Ion	Ratio	Lower	Upper
244	100		
212	12.5	8.3	12.5
122	18.9	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: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:264 Resp: 670022

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.0	16.9	25.3