Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050720\
Data File : BG045268.D
Acq On : 7 May 2020 14:03
Operator : CG/JU
Sample : PB128287TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128711TB

Quant Time: May 07 14:46:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	53081	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	210205	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	158513	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	396631	20.00	ng		0.00
76) Chrysene-d12	21.64	240	392012	20.00	ng		0.00
87) Perylene-d12	24.81	264	411430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	449584	139.83	ng		0.00
7) Phenol-d6	7.15	99	642472	134.49	ng		0.00
23) Nitrobenzene-d5	9.14	82	460640	99.99	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	373645	152.58	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1102951	102.03	ng		0.00
79) Terphenyl-d14	19.99	244	2031545	112.95	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.15	77	1226	Below Cal		#	4
15) Benzyl Alcohol	8.30	79	8039	2.007	ng	#	66
19) n-Nitroso-di-n-propylamine	9.14	70	61193	18.114	ng	#	77
32) Benzoic acid	10.43	122	55	6.392	ng	#	1
51) 2,6-Dinitrotoluene	14.63	165	20999	7.274	ng	#	25
57) 2,4-Dinitrotoluene	14.63	165	20999	4.977	ng	#	22
67) 4-Bromophenyl-phenylether	16.11	248	26570	5.193	ng	#	1
69) Atrazine	16.87	200	78	Below Cal		#	35
74) Di-n-butylphthalate	18.34	149	84	Below Cal		#	76
75) Fluoranthene	19.45	202	71	Below Cal			62
77) Benzidine	19.99	184	38631	Below Cal		#	91

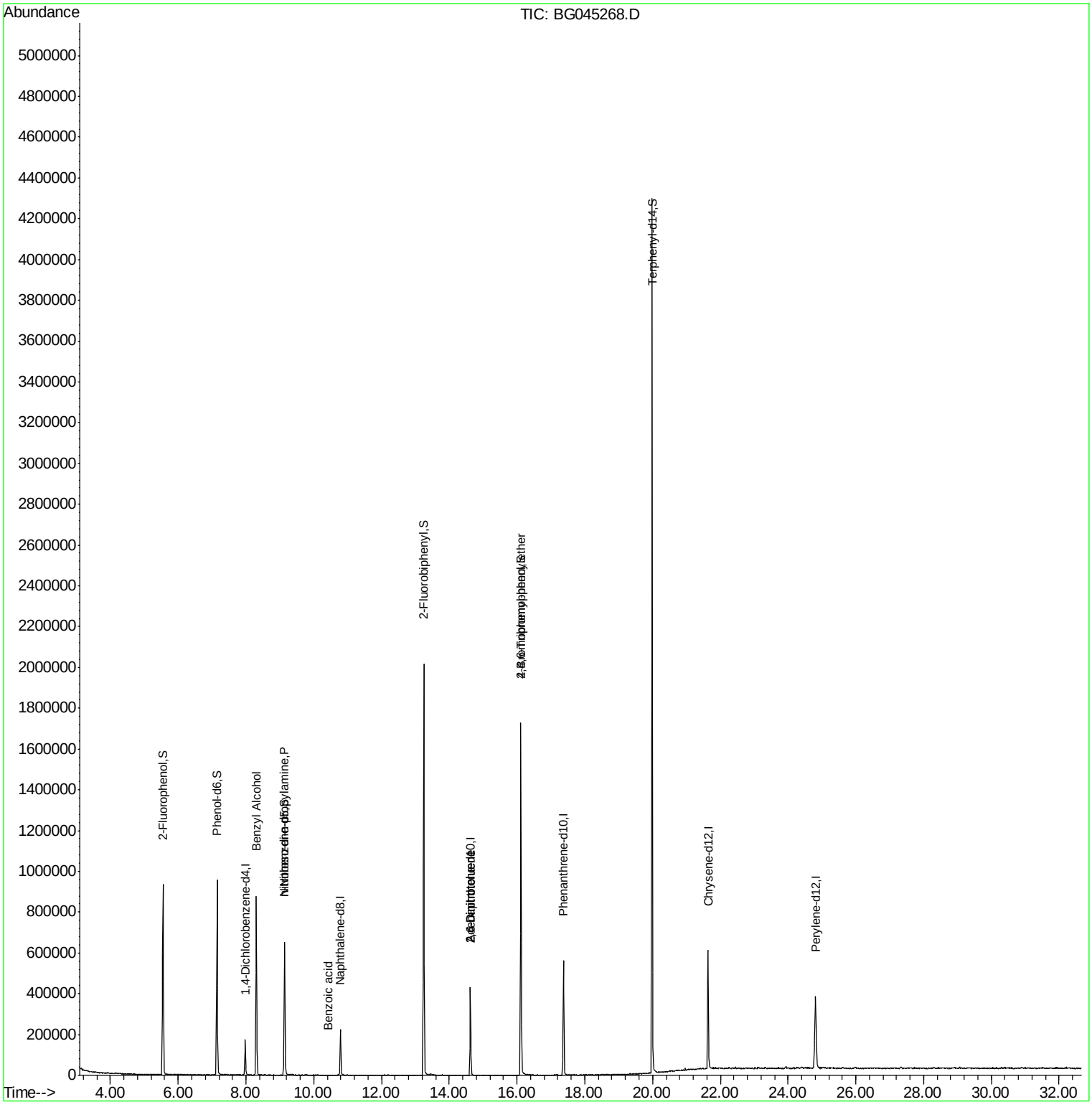
(#) = qualifier out of range (m) = manual integration (+) = signals summed

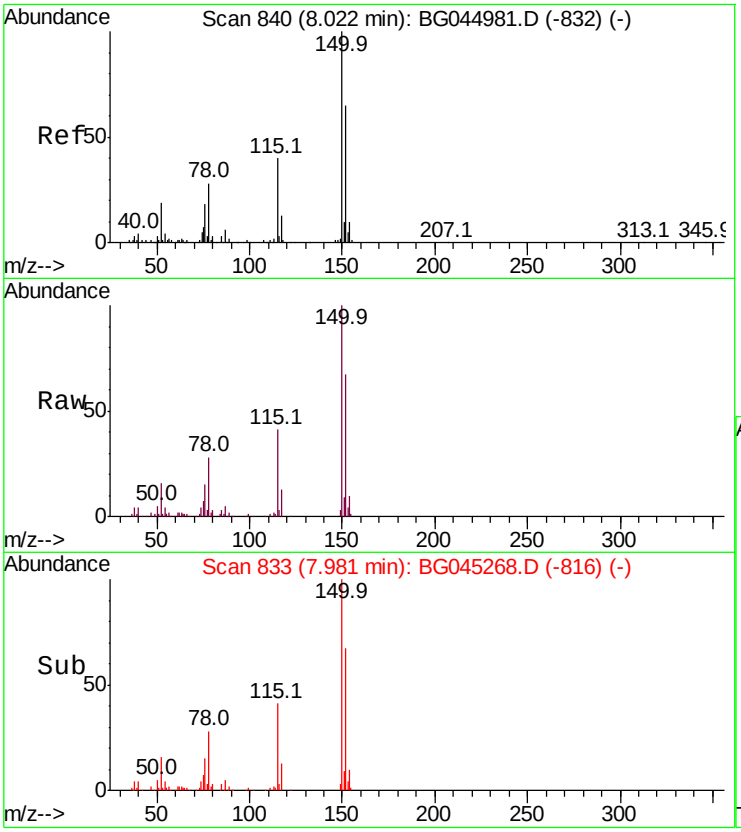
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050720\
Data File : BG045268.D
Acq On : 7 May 2020 14:03
Operator : CG/JU
Sample : PB128287TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Quant Time: May 07 14:46:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration



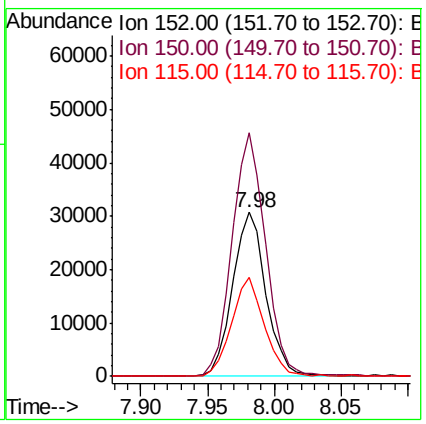


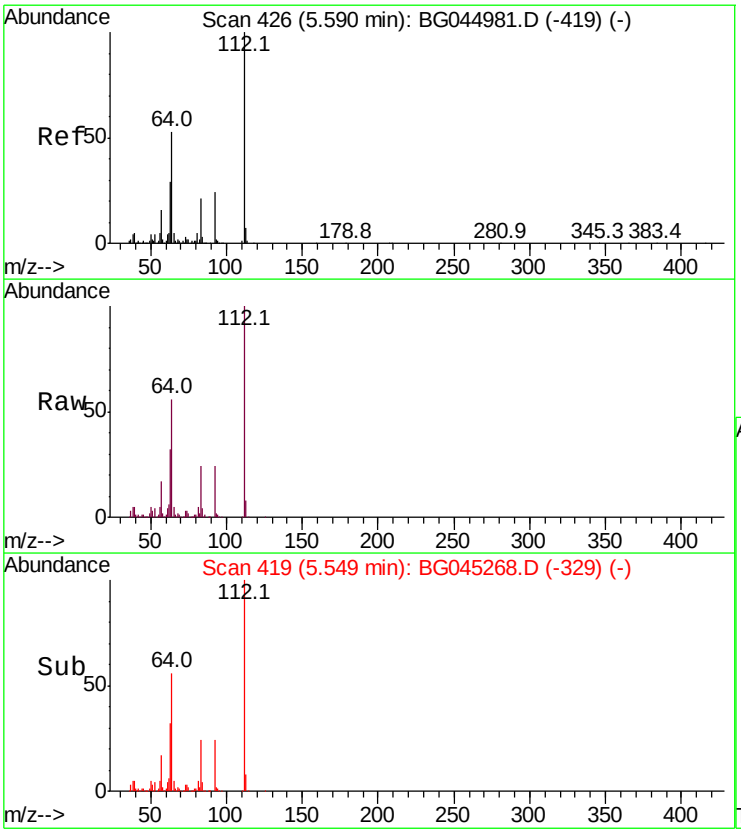
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:152 Resp: 53081

Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.6	185.4
115	60.4	49.1	73.7

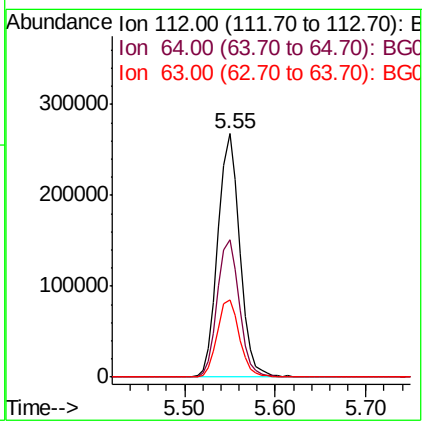


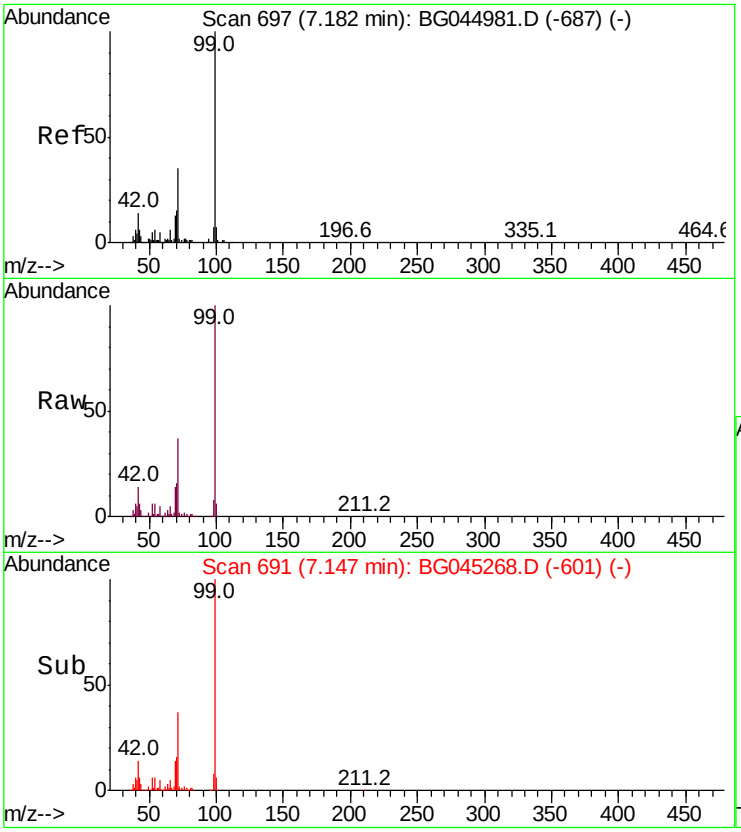


#5
2-Fluorophenol
Concen: 139.831 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:112 Resp: 449584

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.4	63.6
63	31.5	23.1	34.7



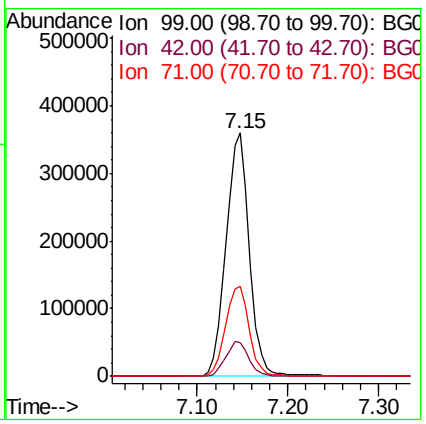


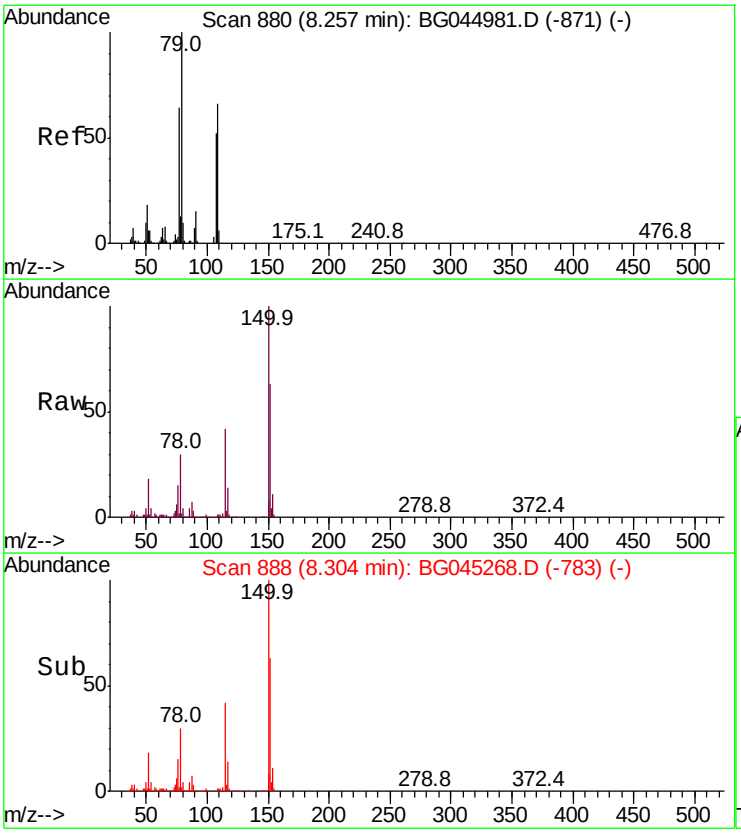
#7
Phenol-d6
Concen: 134.494 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion: 99 Resp: 642472

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.3	16.9
71	36.9	28.3	42.5

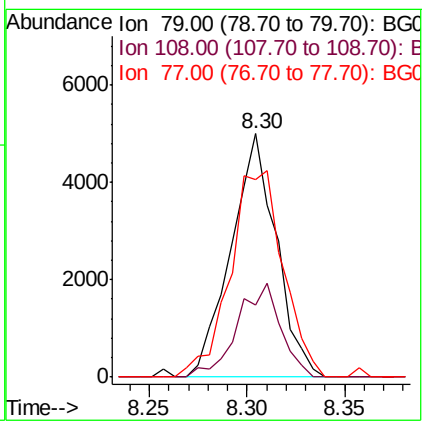


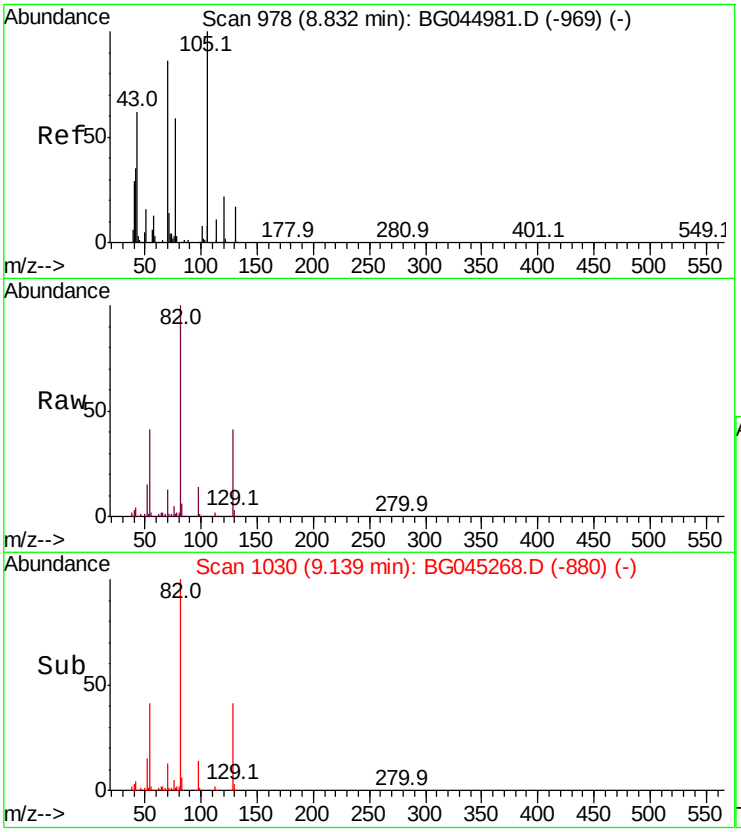


#15
Benzyl Alcohol
Concen: 2.007 ng
RT: 8.30 min Scan# 888
Delta R.T. 0.09 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion: 79 Resp: 8039

Ion	Ratio	Lower	Upper
79	100		
108	29.7	52.7	79.1#
77	80.9	51.3	76.9#



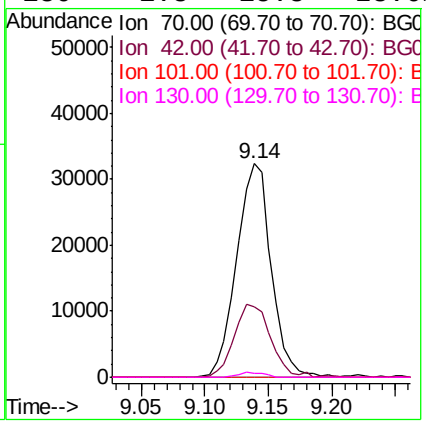


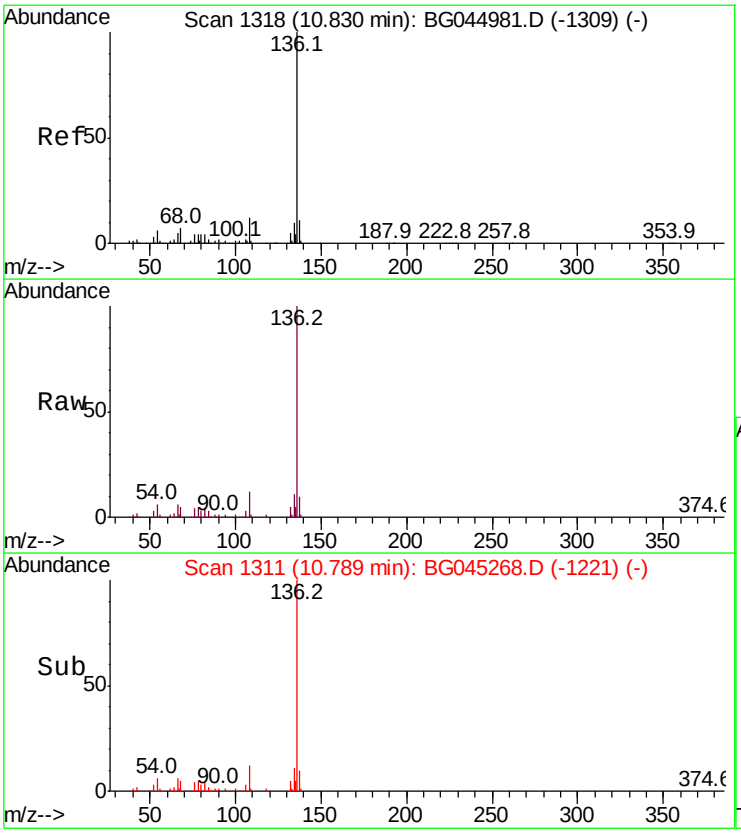
#19
n-Nitroso-di-n-propylamine
Concen: 18.114 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.35 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion: 70 Resp: 61193

Ion	Ratio	Lower	Upper
70	100		
42	32.7	33.3	49.9#
101	0.0	7.8	11.8#
130	1.8	15.8	23.6#

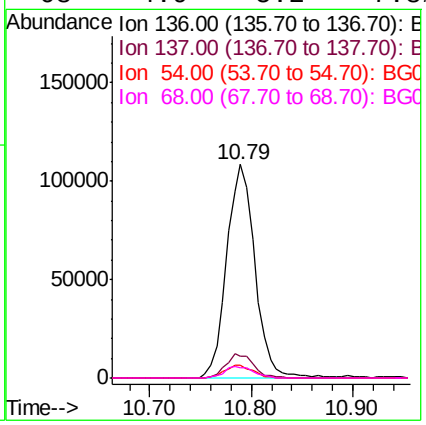


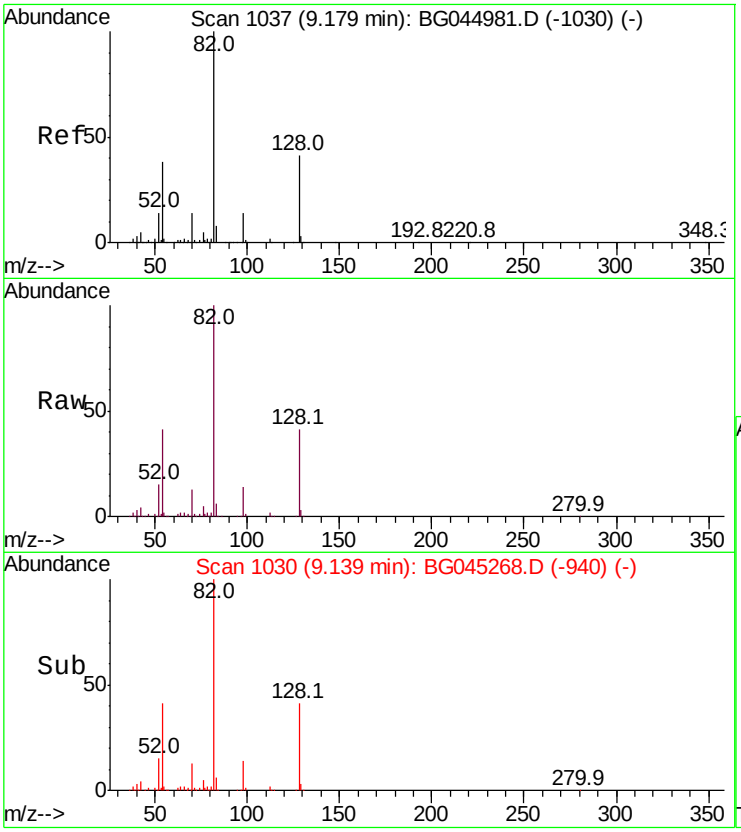


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:136 Resp: 210205

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	6.2	4.8	7.2
68	4.9	5.2	7.8#



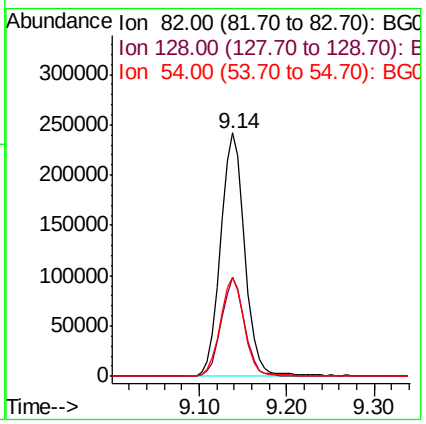


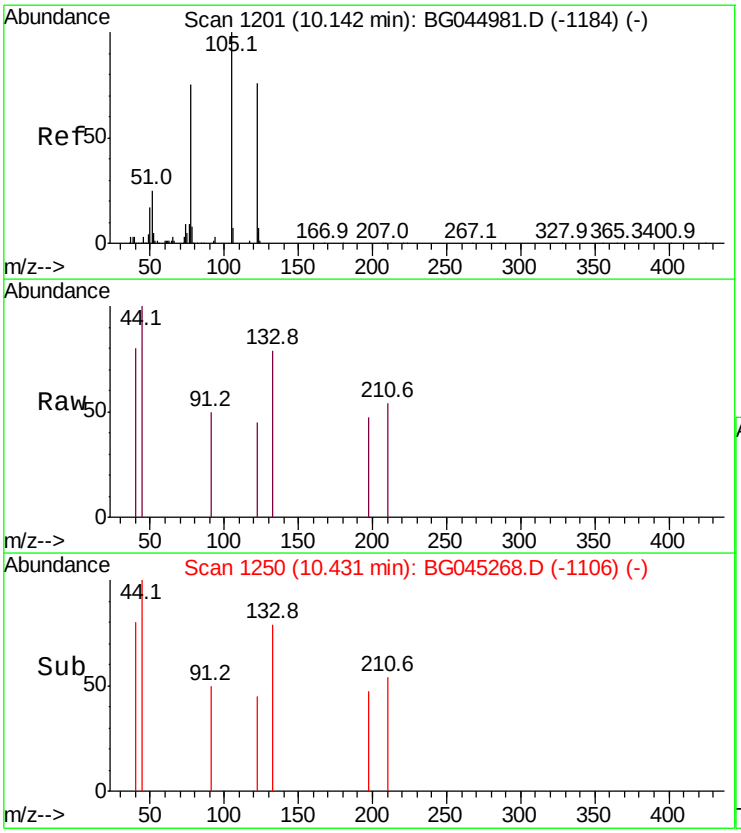
#23
Nitrobenzene-d5
Concen: 99.990 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion: 82 Resp: 460640

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.0	49.4
54	40.7	30.4	45.6

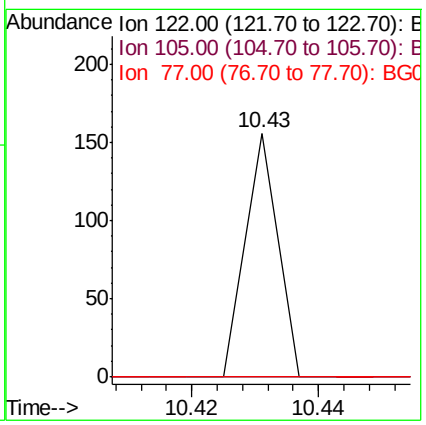


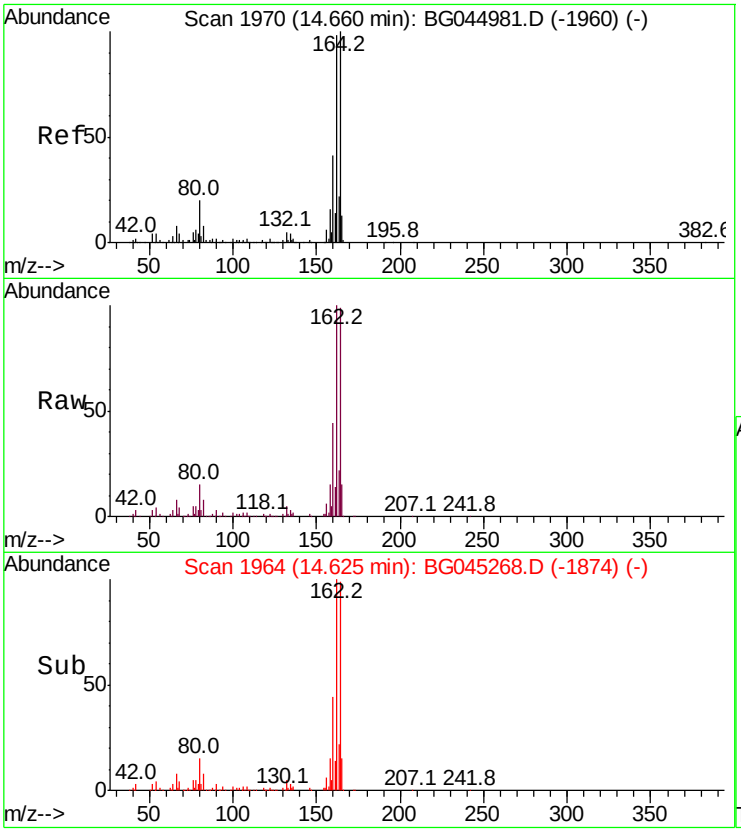


#32
Benzoic acid
Concen: 6.392 ng
RT: 10.43 min Scan# 1250
Delta R.T. 0.32 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



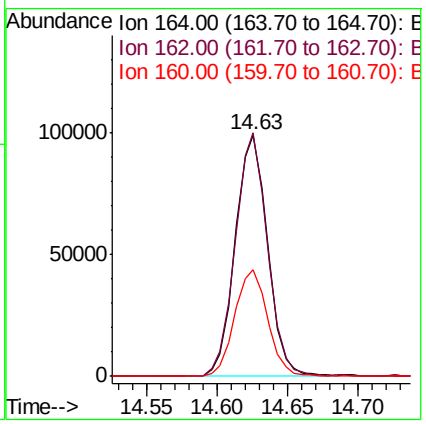


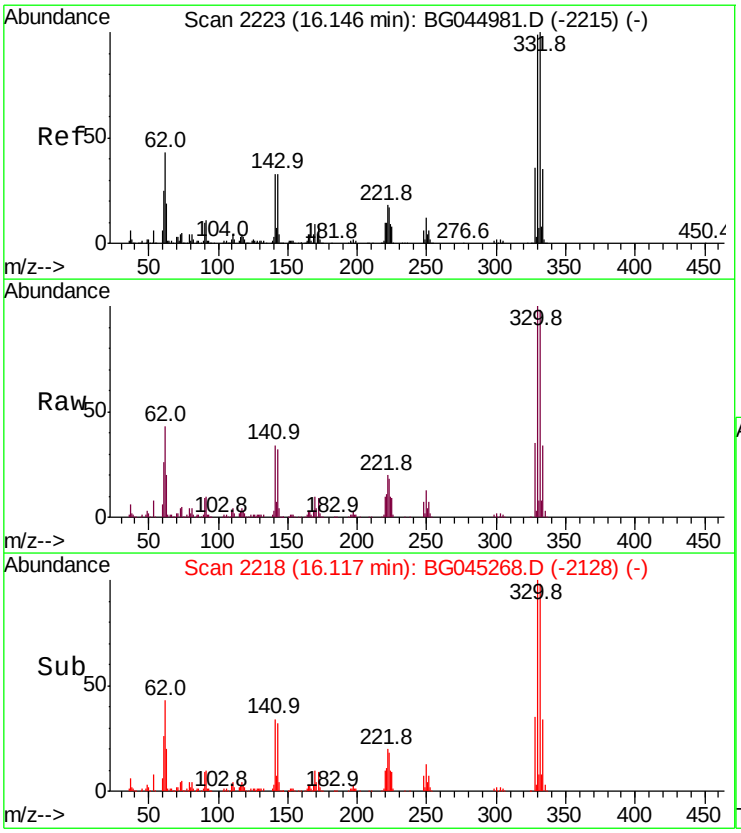
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:164 Resp: 158513

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.7	118.1
160	44.0	32.8	49.2

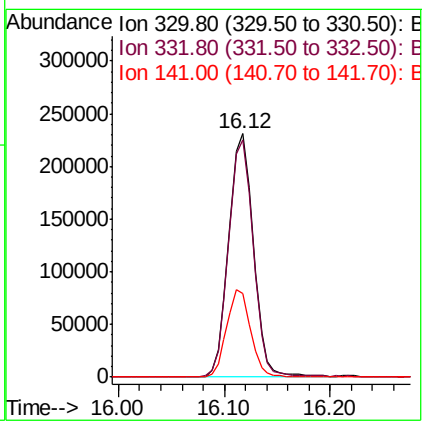


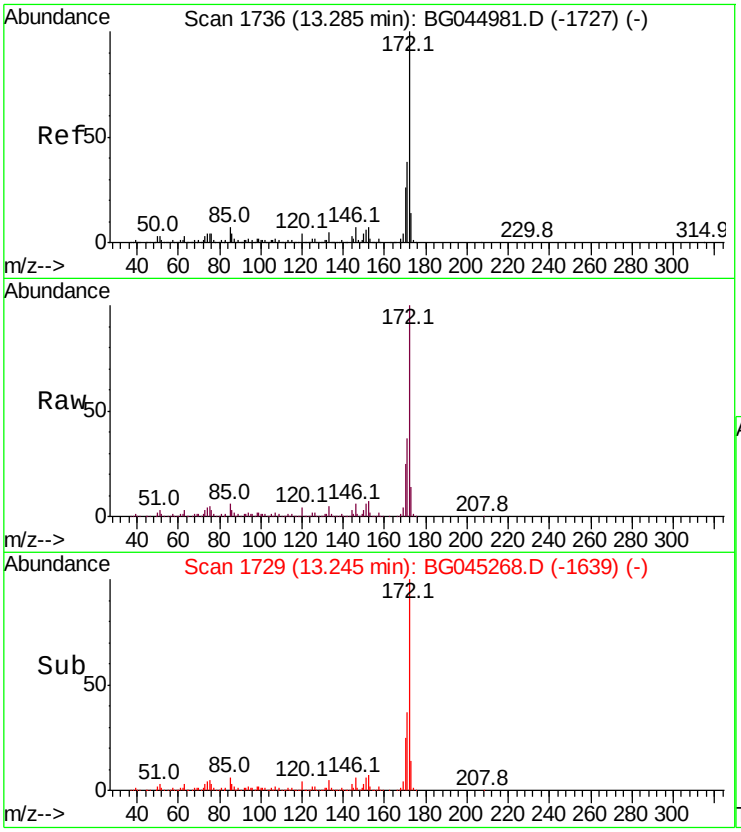


#42
2,4,6-Tribromophenol
Concen: 152.582 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:330 Resp: 373645

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	35.5	27.1	40.7



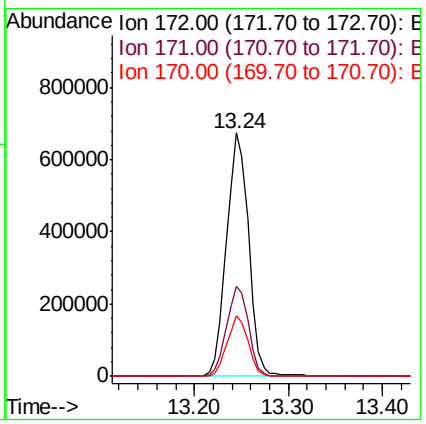


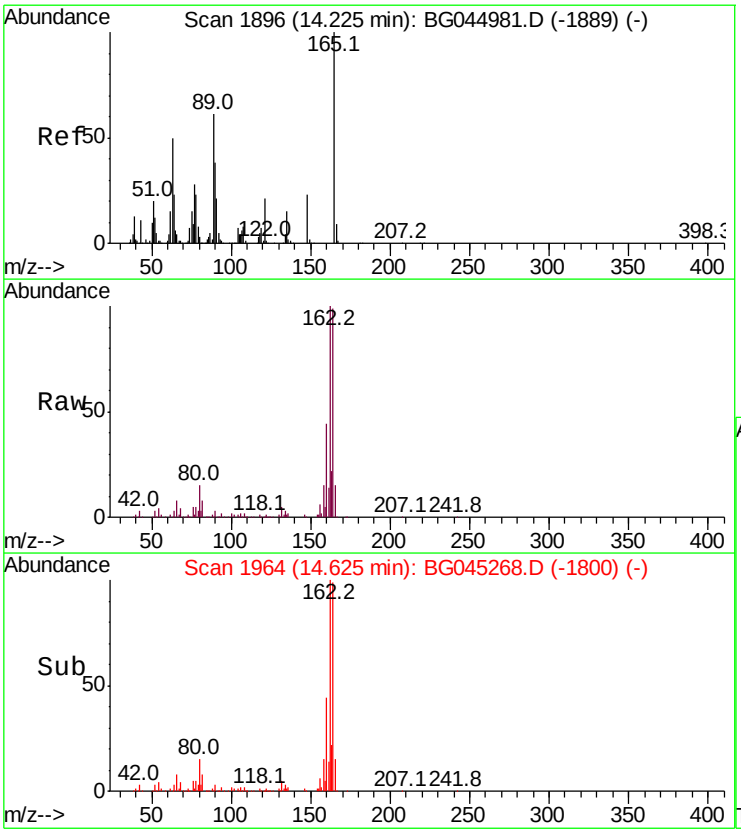
#45
2-Fluorobiphenyl
Concen: 102.028 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:172 Resp: 1102951

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.7	20.5	30.7

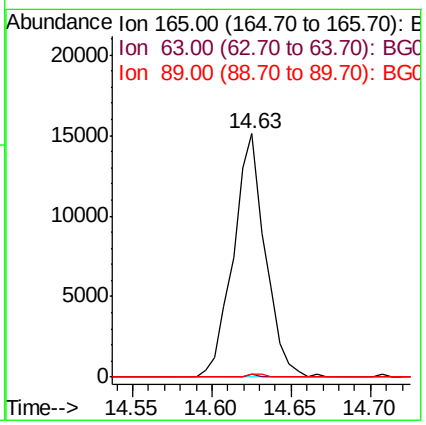


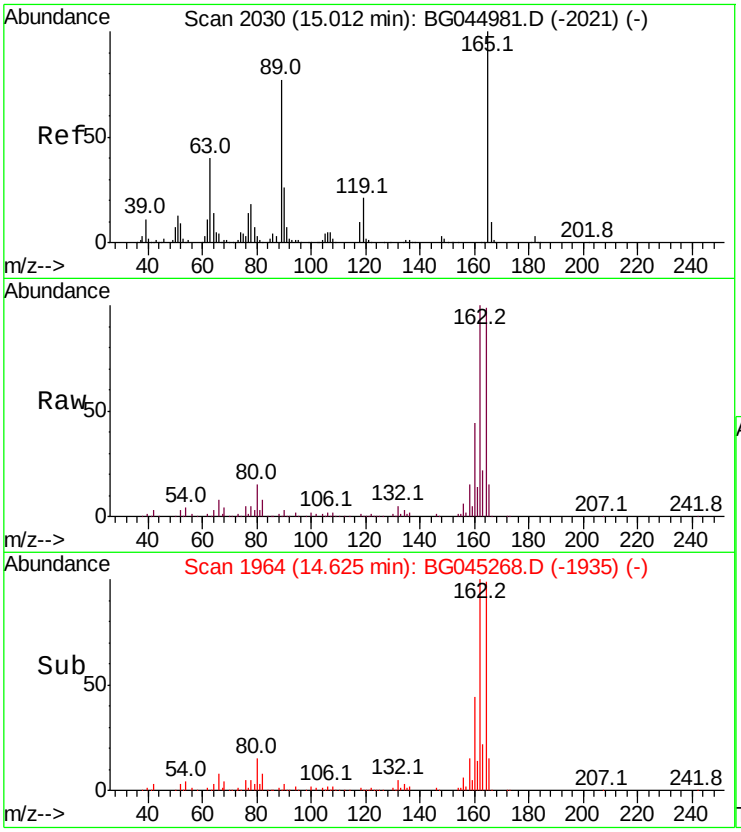


#51
2,6-Dinitrotoluene
Concen: 7.274 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:165 Resp: 20999

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.4	60.6#
89	1.4	49.1	73.7#



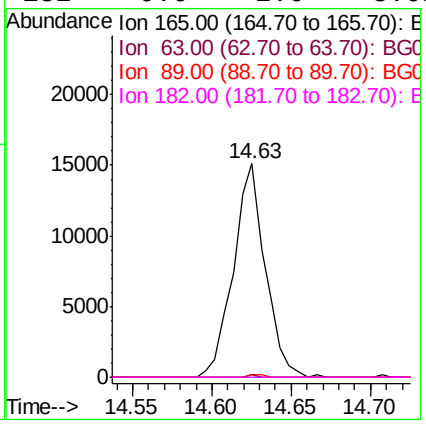


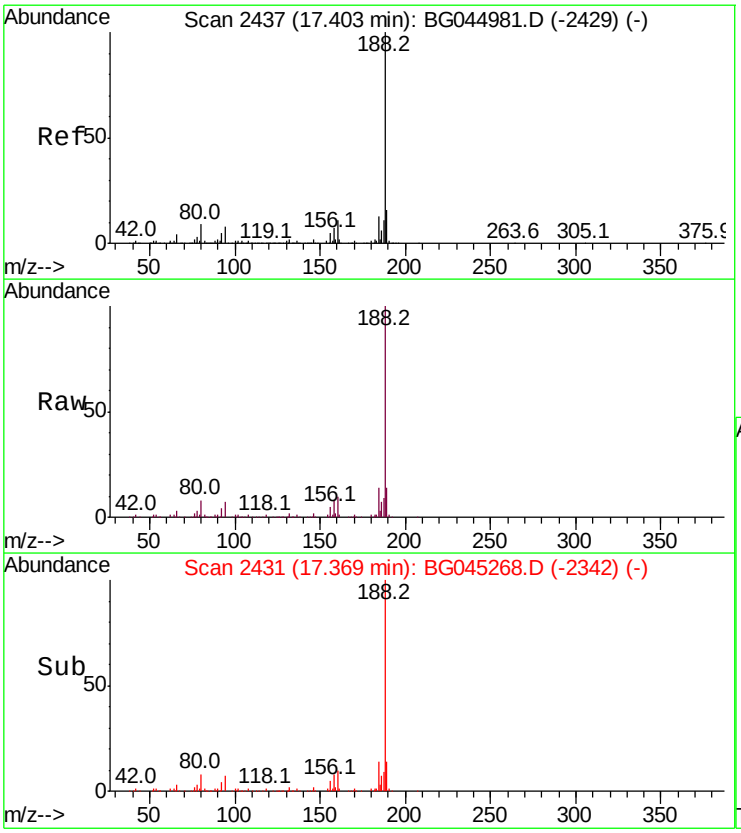
#57
2,4-Dinitrotoluene
Concen: 4.977 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument : BNA_G
ClientSampleId : PB128711TB

Tgt Ion:165 Resp: 20999

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.2	48.2#
89	1.4	61.7	92.5#
182	0.0	2.0	3.0#

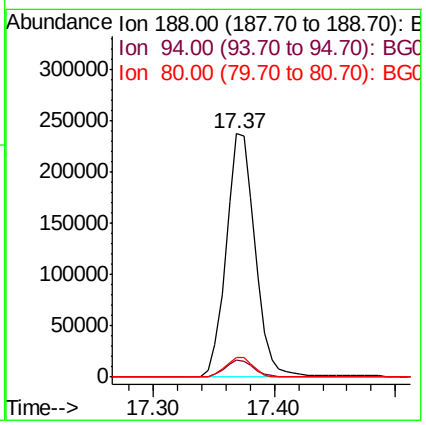


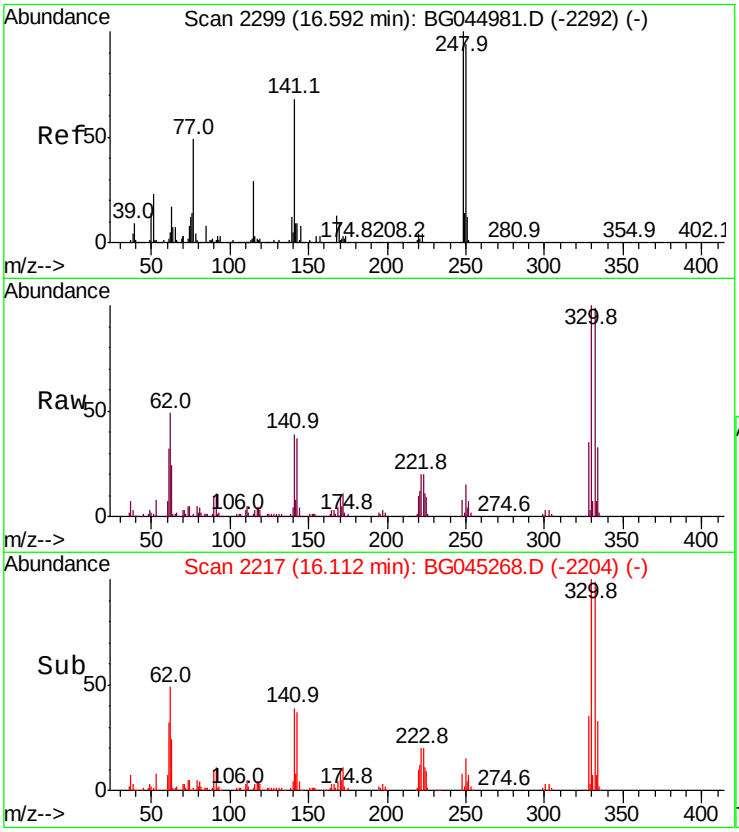


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:188 Resp: 396631

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.1	7.0	10.6



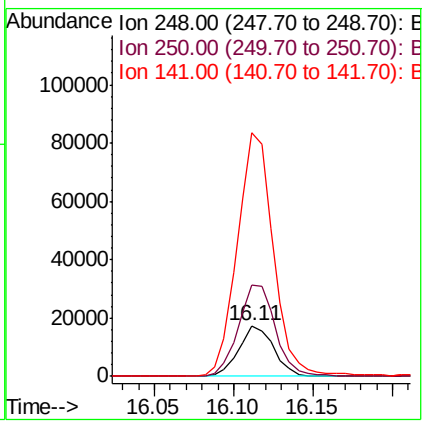


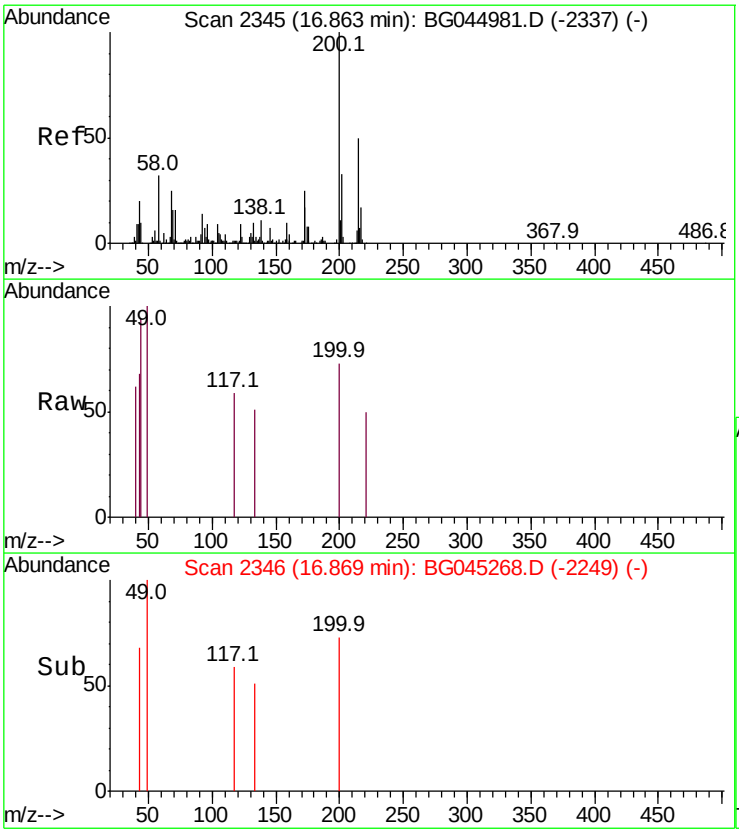
#67
4-Bromophenyl-phenylether
Concen: 5.193 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:248 Resp: 26570

Ion	Ratio	Lower	Upper
248	100		
250	178.2	75.4	113.2#
141	478.3	54.4	81.6#

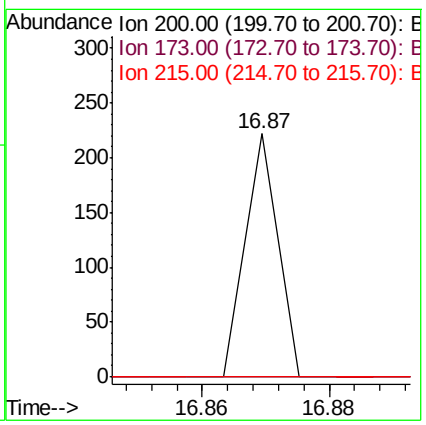


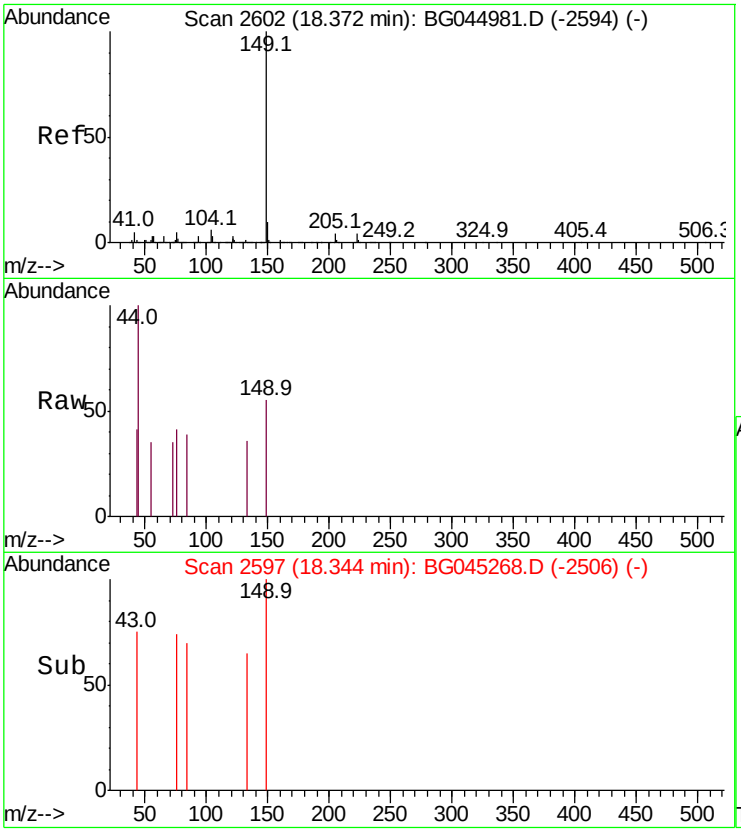


#69
Atrazine
Concen: Below Cal
RT: 16.87 min Scan# 2346
Delta R.T. 0.04 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:200 Resp: 78

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



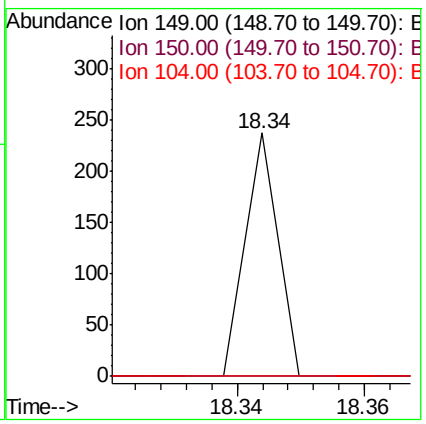


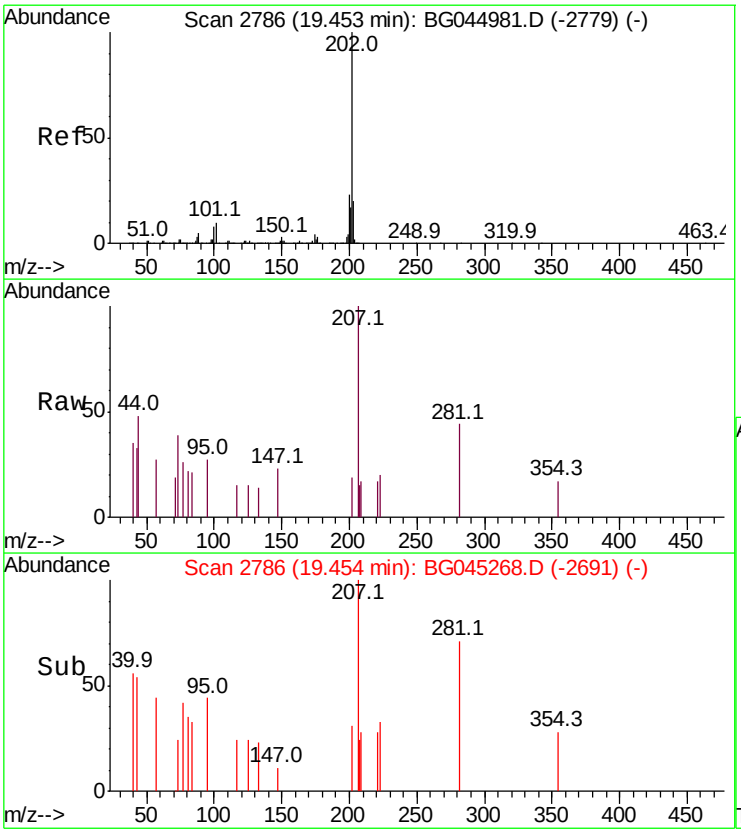
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:149 Resp: 84

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#

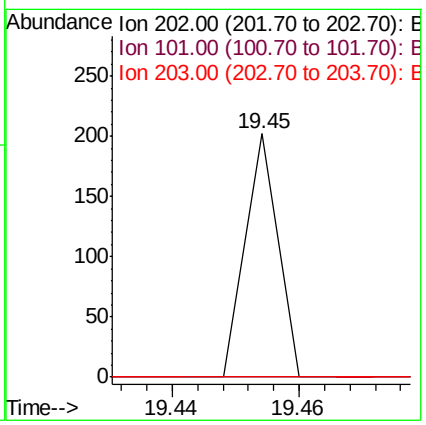


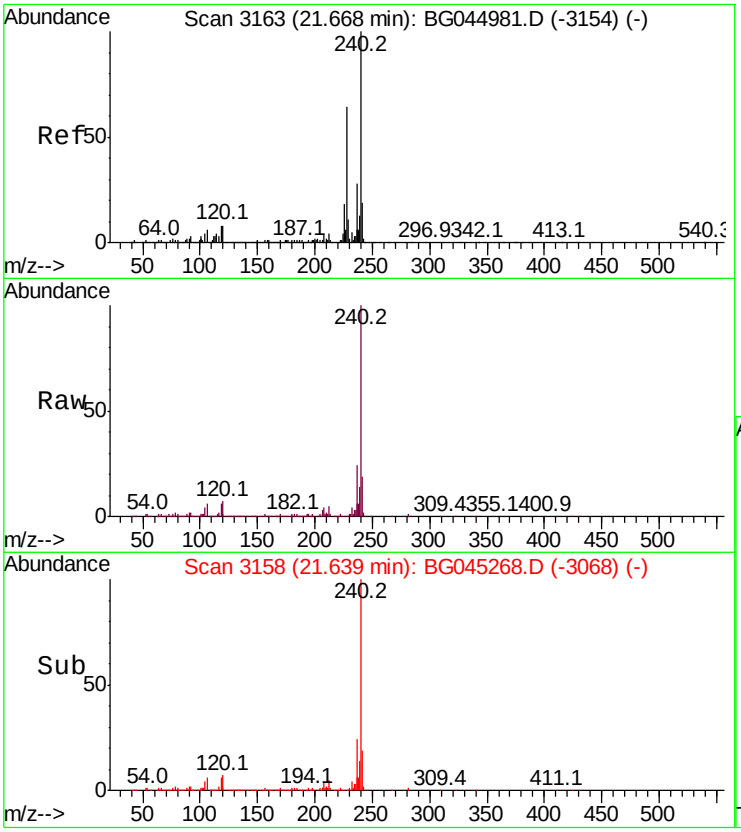


#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2786
Delta R.T. 0.03 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:202 Resp: 71

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



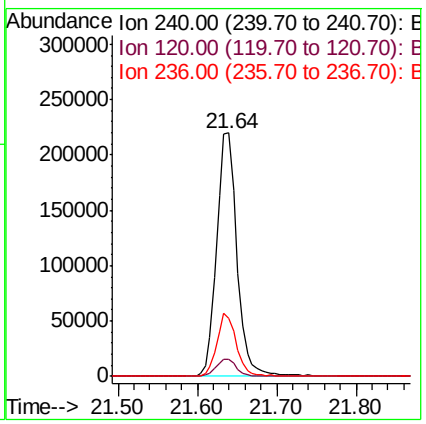


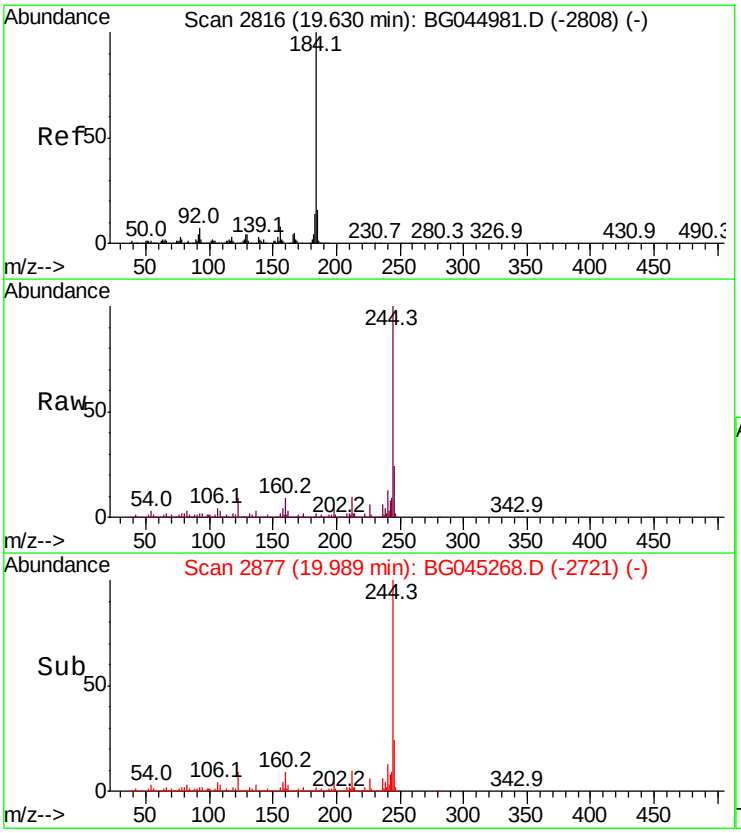
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:240 Resp: 392012

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	23.6	22.2	33.2

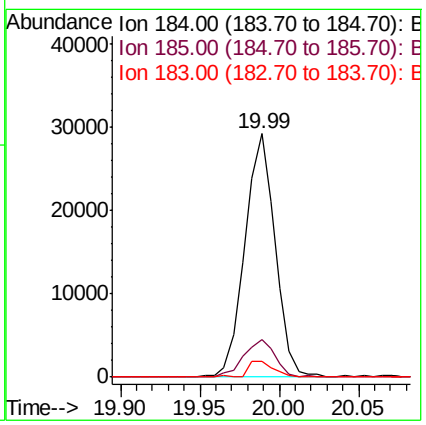


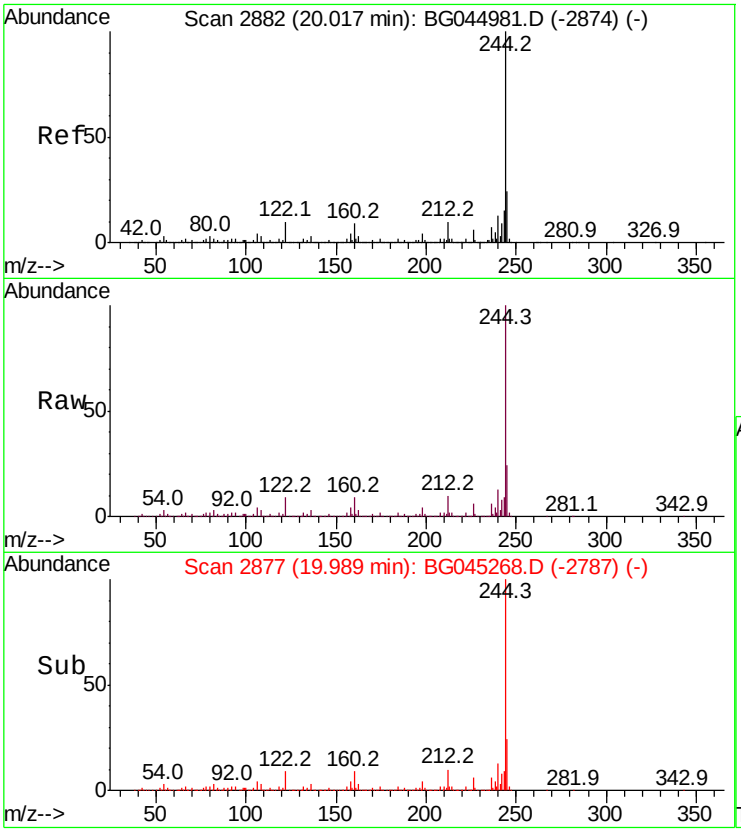


#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:184 Resp: 38631

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	19.0
183	6.3	11.3	16.9#



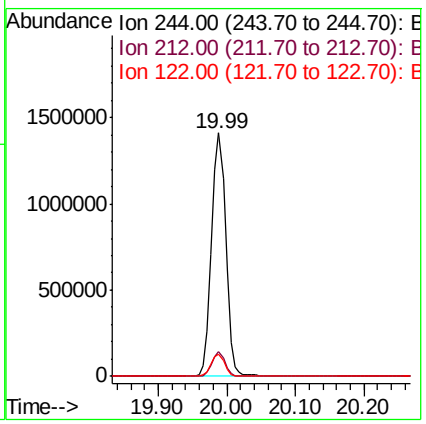


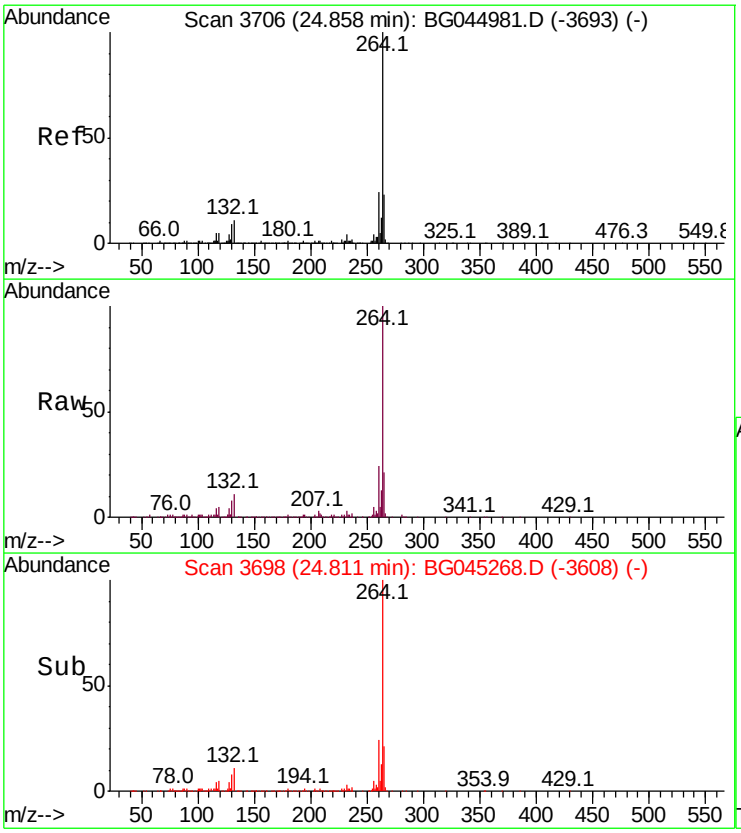
#79
Terphenyl-d14
Concen: 112.953 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tgt Ion:244 Resp: 2031545

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	9.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:264 Resp: 411430

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	19.0	28.4