Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011620\

Quantitation Report (Not Reviewed)

Data File : BG044064.D
Acq On : 16 Jan 2020 11:50
Operator : JU
Sample : PB126101BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126101BL

Quant Time: Jan 17 06:38:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85318	20.00	ng		-0.03
21) Naphthalene-d8	10.74	136	354511	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	233699	20.00	ng		-0.03
64) Phenanthrene-d10	17.32	188	533125	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	494745	20.00	ng		-0.03
87) Perylene-d12	24.68	264	557878	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	644380	138.68	ng		-0.02
7) Phenol-d6	7.11	99	914246	140.76	ng		-0.01
23) Nitrobenzene-d5	9.10	82	519911	78.45	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	380170	155.45	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1225088	94.98	ng		-0.03
79) Terphenyl-d14	19.93	244	2075779	108.42	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	66938	13.839	ng	#	80
32) Benzoic acid	10.07	122	123	6.290	ng		89
50) Dimethylphthalate	14.03	163	33953	2.046	ng	#	96
51) 2,6-Dinitrotoluene	14.57	165	31354	8.360	ng	#	26
57) 2,4-Dinitrotoluene	14.57	165	31354	6.144	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1255	4.805	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	26909	4.488	ng	#	1
84) Bis(2-ethylhexyl)phthalate	21.47	149	47060	2.218	ng		95
85) Di-n-octyl phthalate	22.64	149	77810	2.182	ng	#	99
92) Benzo(g,h,i)perylene	29.29	276	63192	2.035	ng		94

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

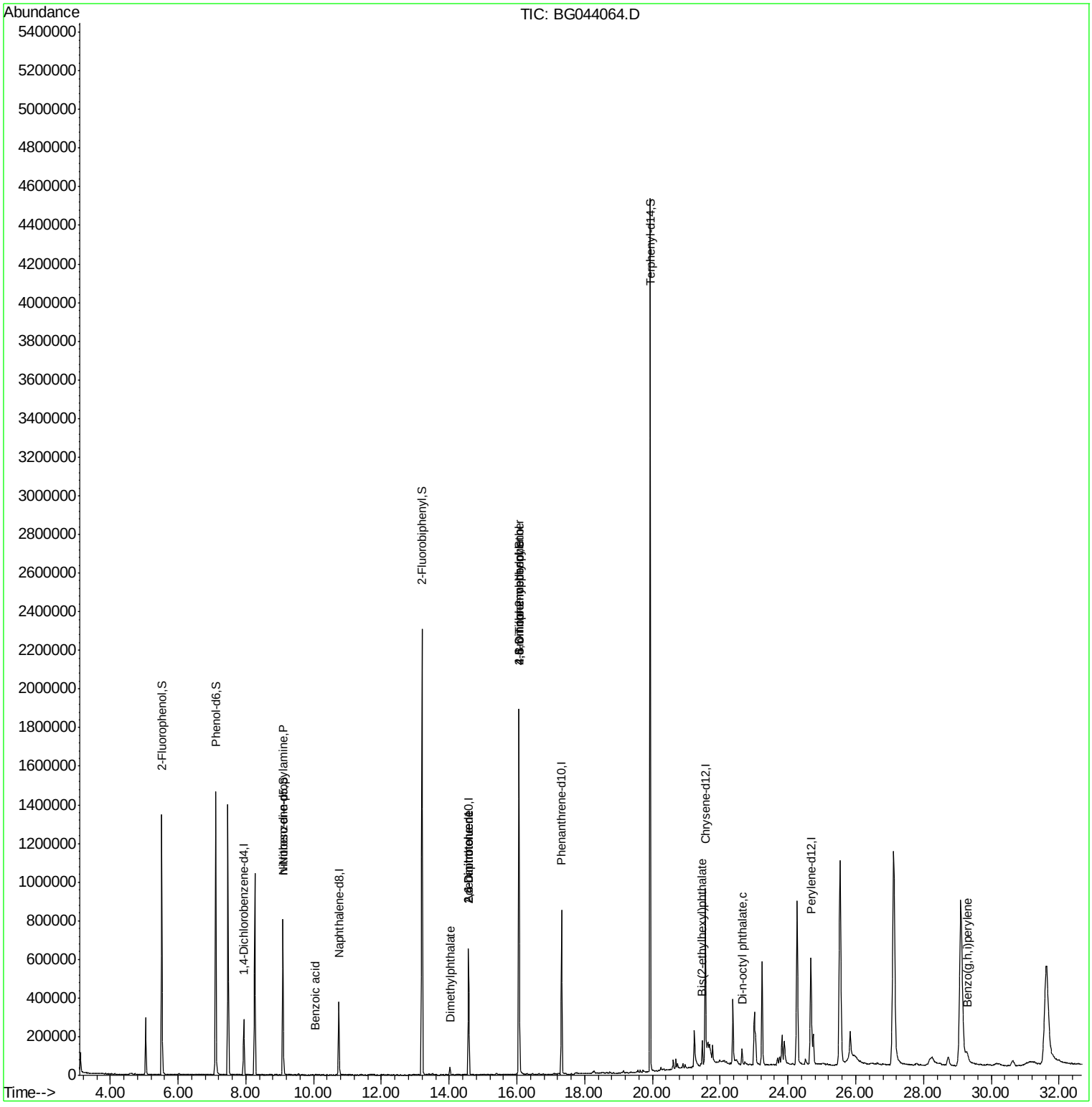
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011620\

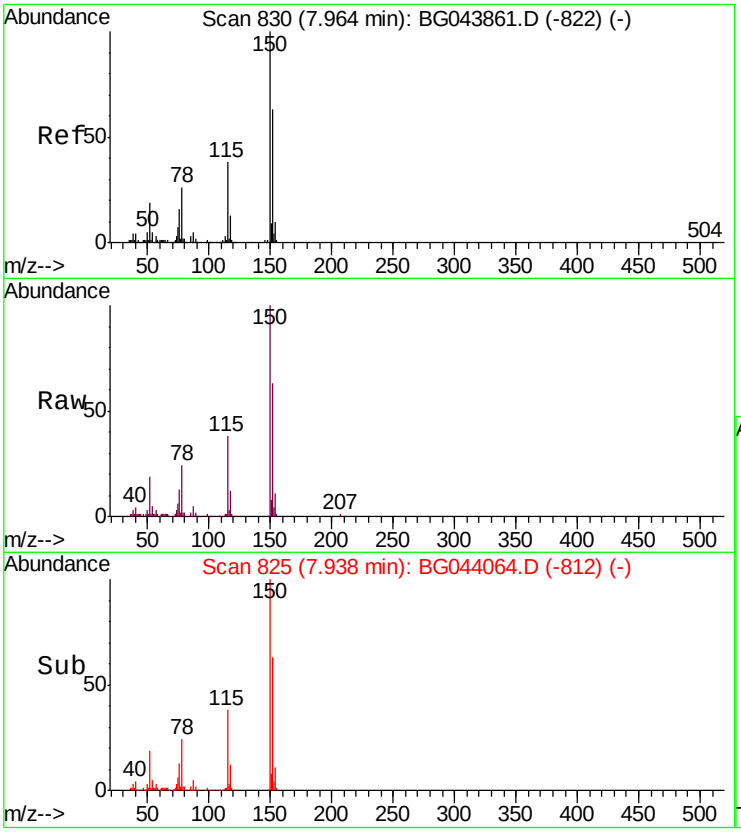
Quantitation Report (Not Reviewed)

Data File : BG044064.D
Acq On : 16 Jan 2020 11:50
Operator : JU
Sample : PB126101BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126101BL

Quant Time: Jan 17 06:38:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



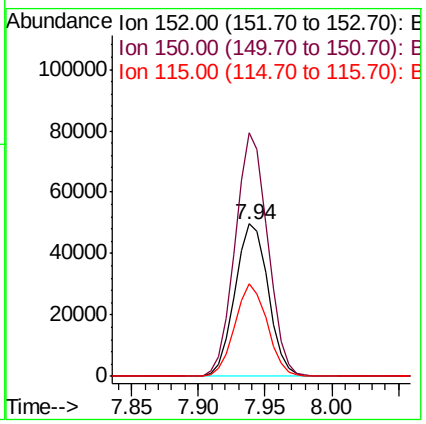


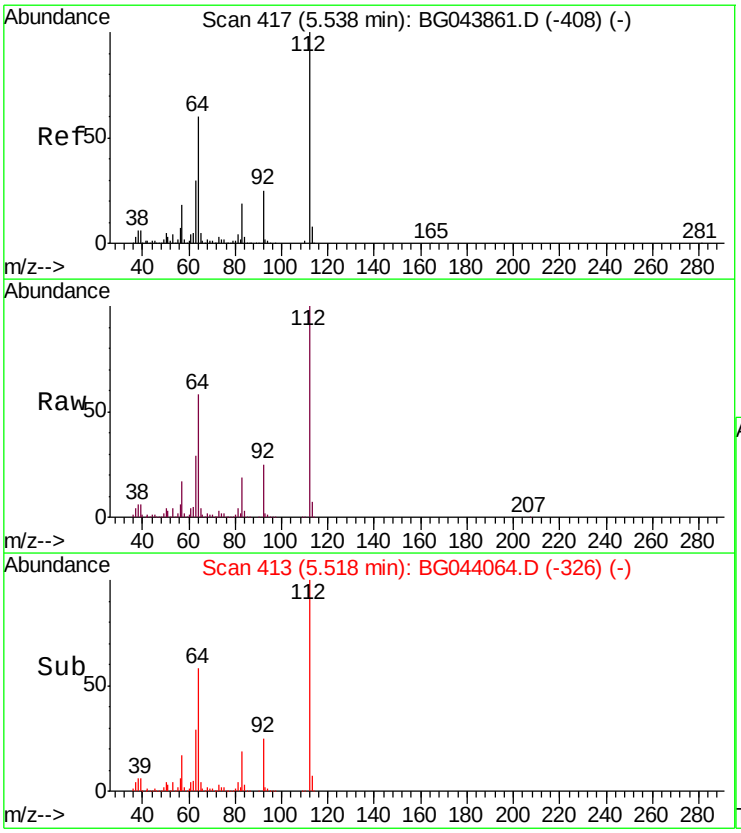
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:152 Resp: 85318

Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.0	190.4
115	61.0	47.8	71.8

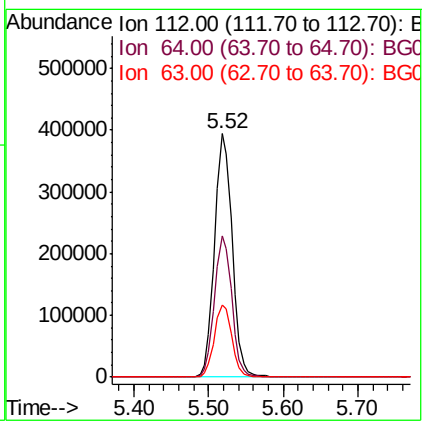


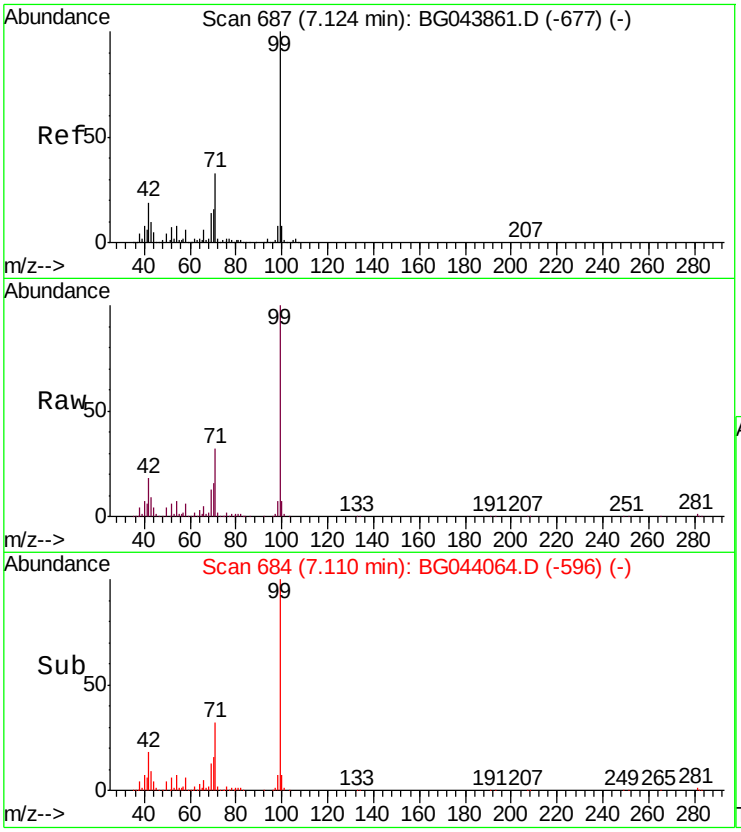


#5
2-Fluorophenol
Concen: 138.676 ng
RT: 5.52 min Scan# 413
Delta R.T. -0.02 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:112 Resp: 644380

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.8	71.6
63	29.5	24.3	36.5



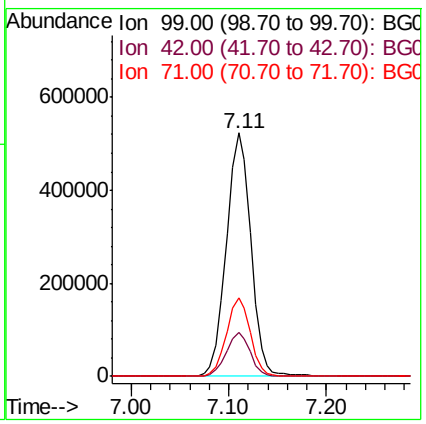


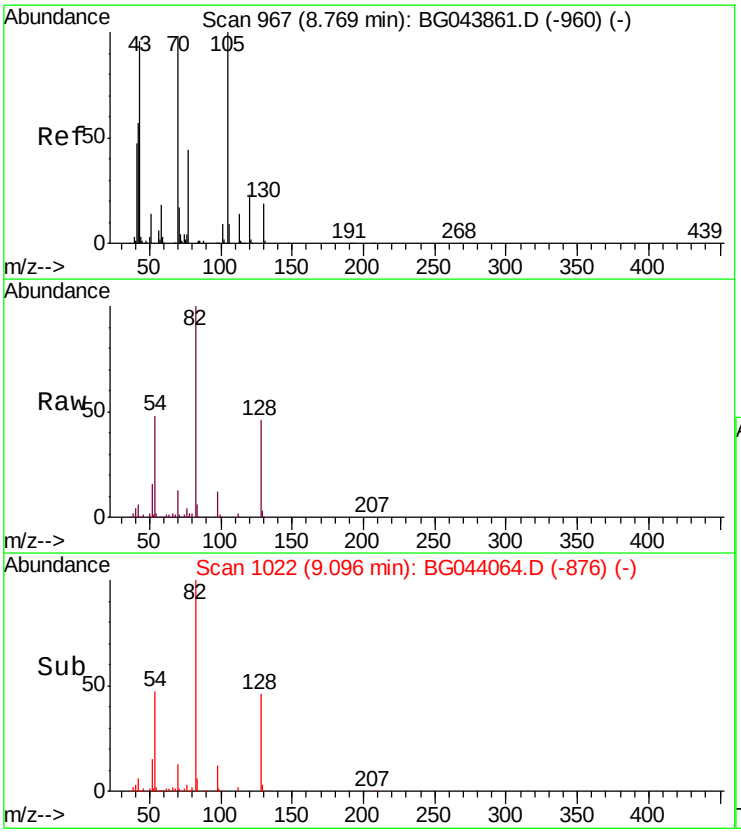
#7
Phenol-d6
Concen: 140.758 ng
RT: 7.11 min Scan# 684
Delta R.T. -0.01 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion: 99 Resp: 914246

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	32.2	26.4	39.6

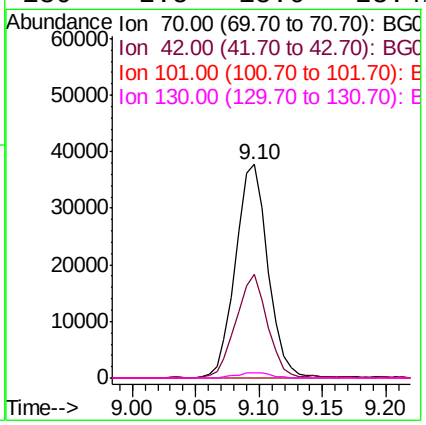


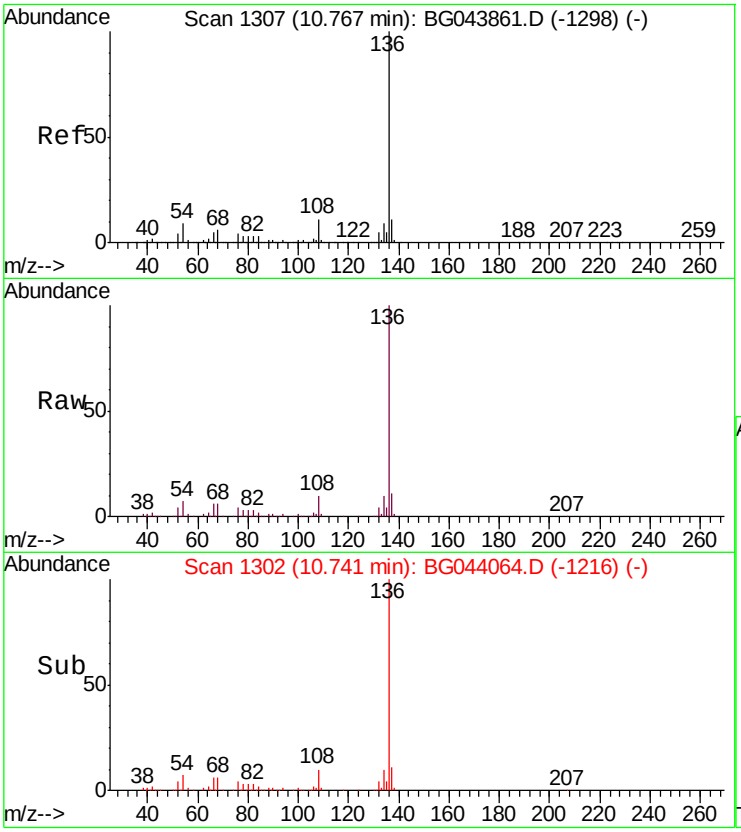


#19
n-Nitroso-di-n-propylamine
Concen: 13.839 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.33 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion: 70 Resp: 66938

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.0	70.4
101	0.0	7.2	10.8#
130	2.5	15.6	23.4#



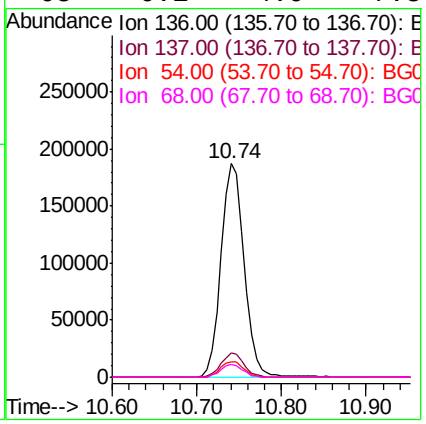


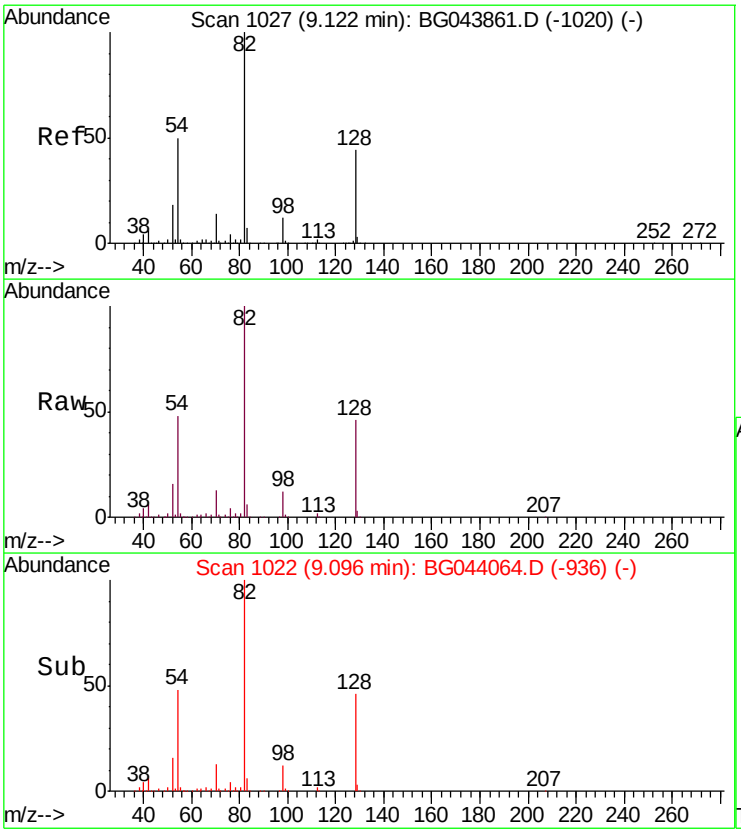
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:136 Resp: 354511

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.4	7.0	10.4
68	6.1	4.9	7.3

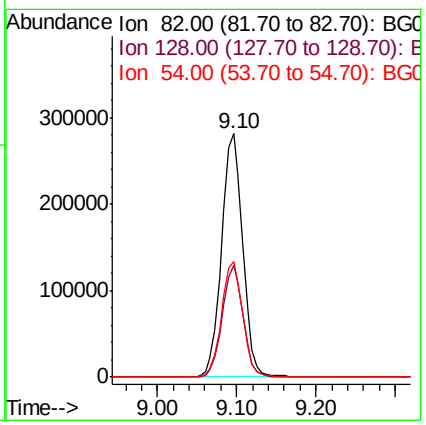


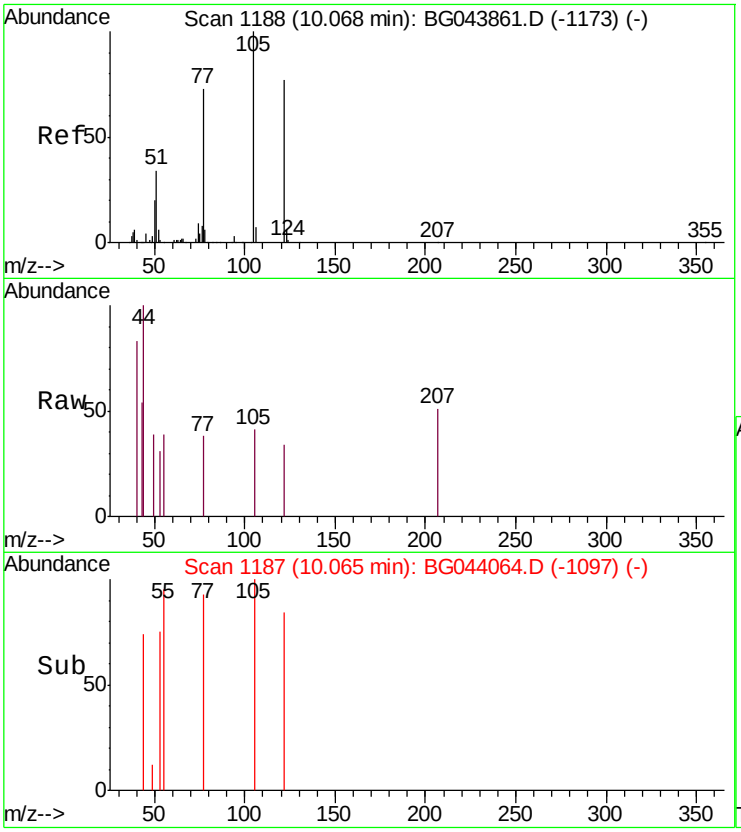


#23
Nitrobenzene-d5
Concen: 78.455 ng
RT: 9.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion: 82 Resp: 519911

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.1	52.7
54	47.7	40.1	60.1



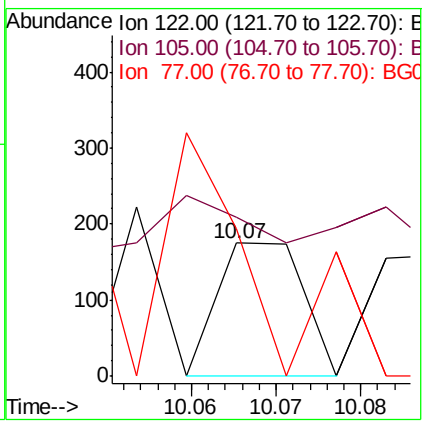


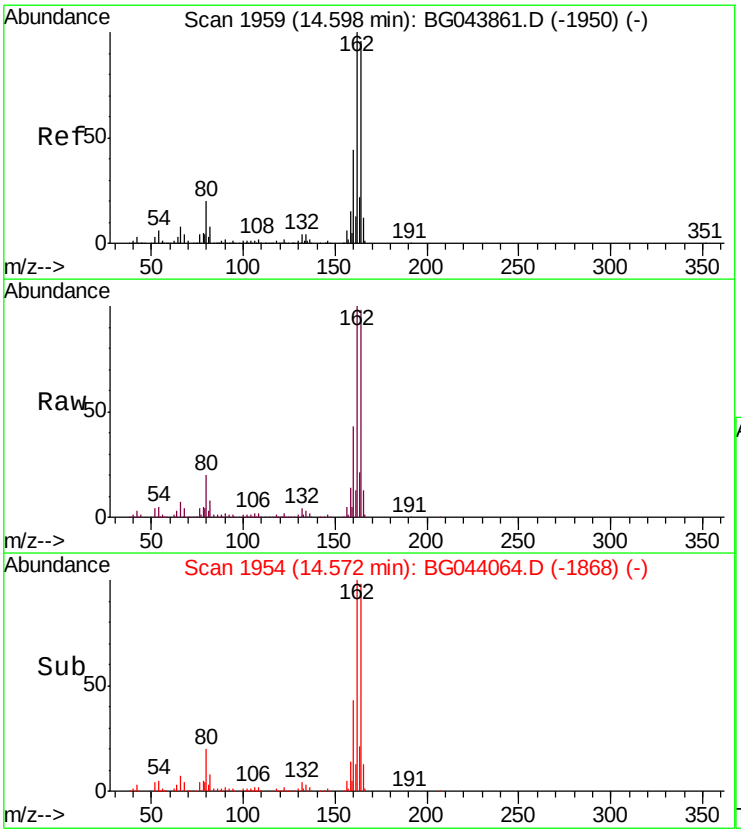
#32
Benzoic acid
Concen: 6.290 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:122 Resp: 123

Ion	Ratio	Lower	Upper
122	100		
105	119.4	106.4	146.4
77	110.9	74.6	114.6

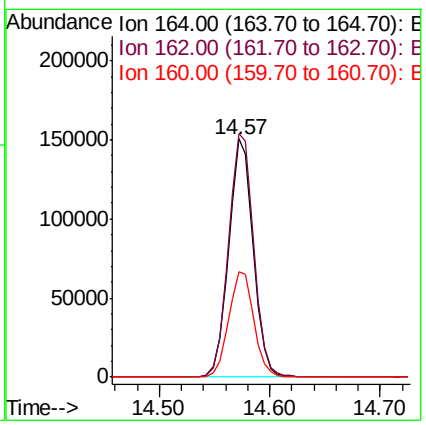


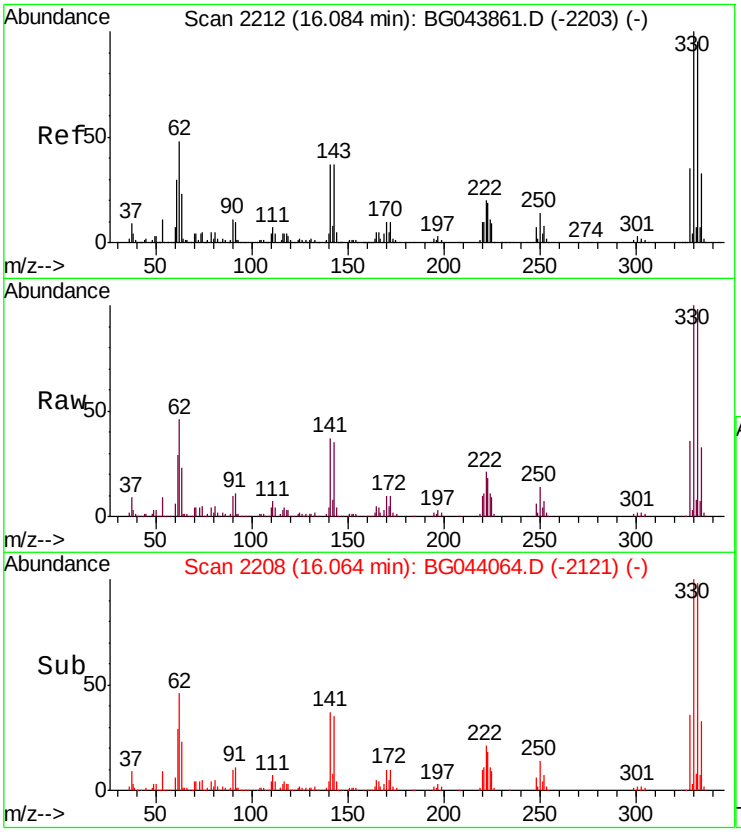


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:164 Resp: 233699

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.4
160	44.3	36.1	54.1



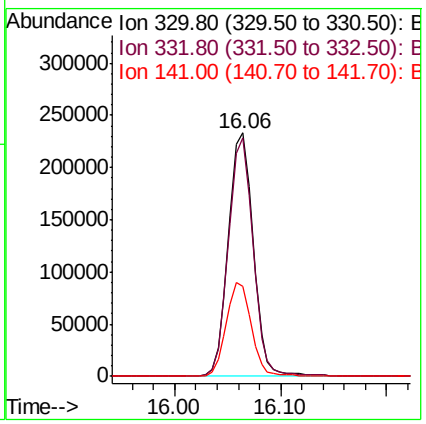


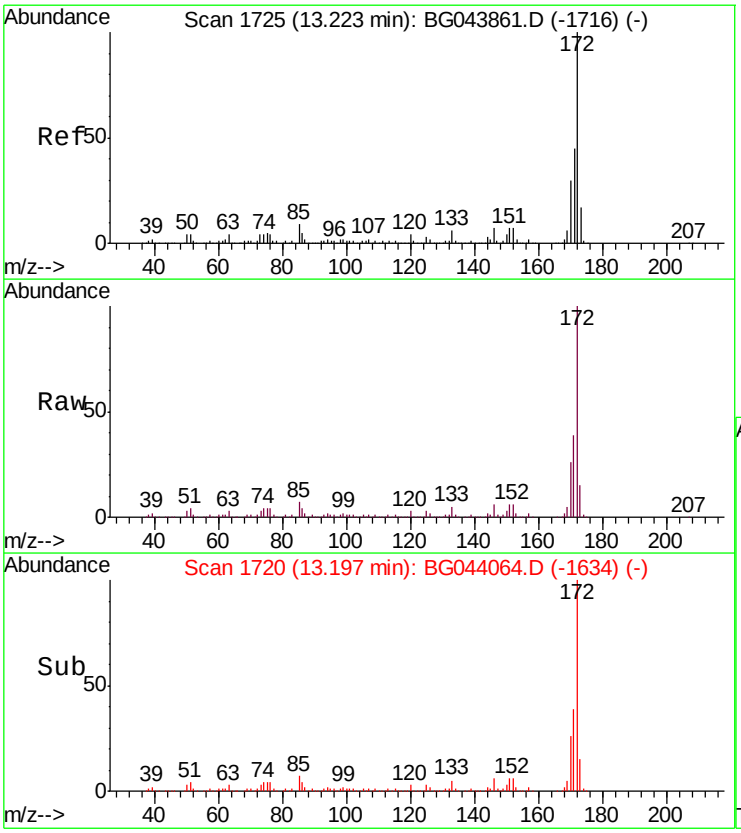
#42
2,4,6-Tribromophenol
Concen: 155.450 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:330 Resp: 380170

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	38.9	33.1	49.7

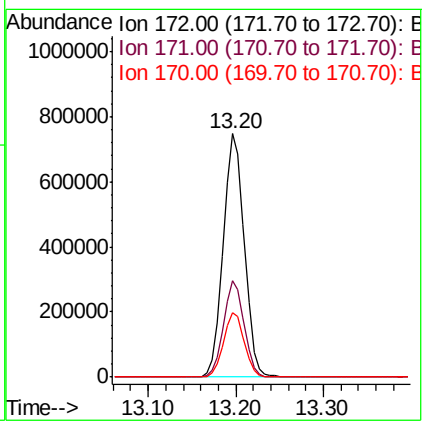


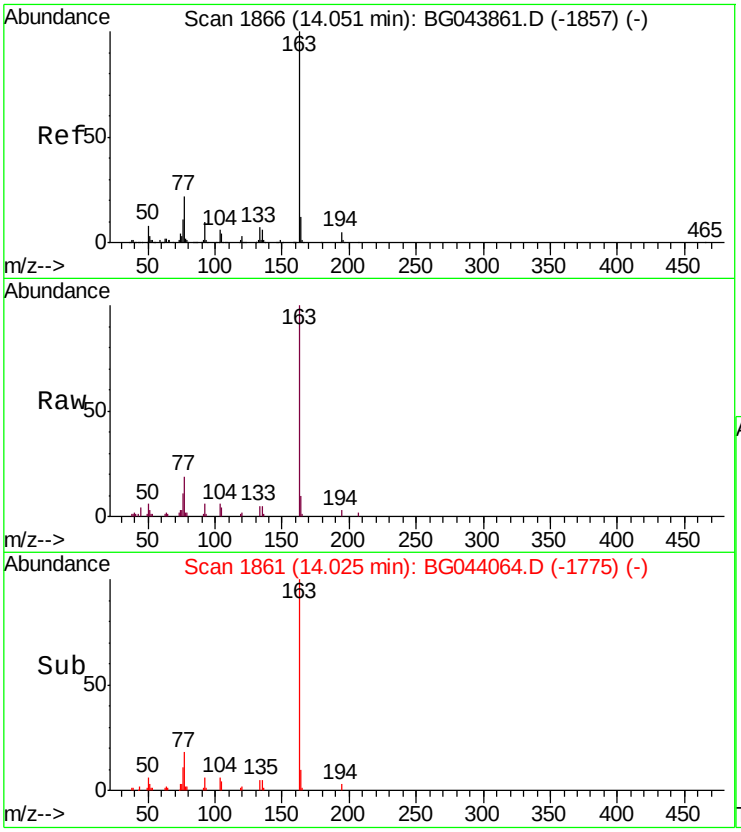


#45
2-Fluorobiphenyl
Concen: 94.976 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:172 Resp: 1225088

Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.8
170	26.4	24.2	36.4



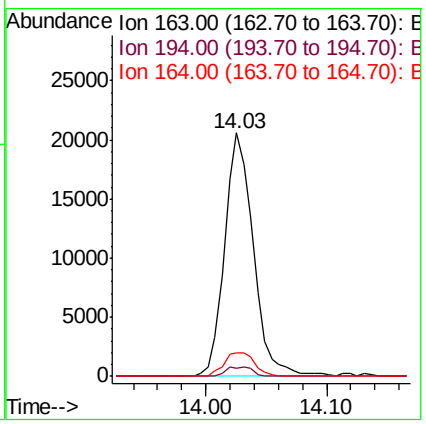


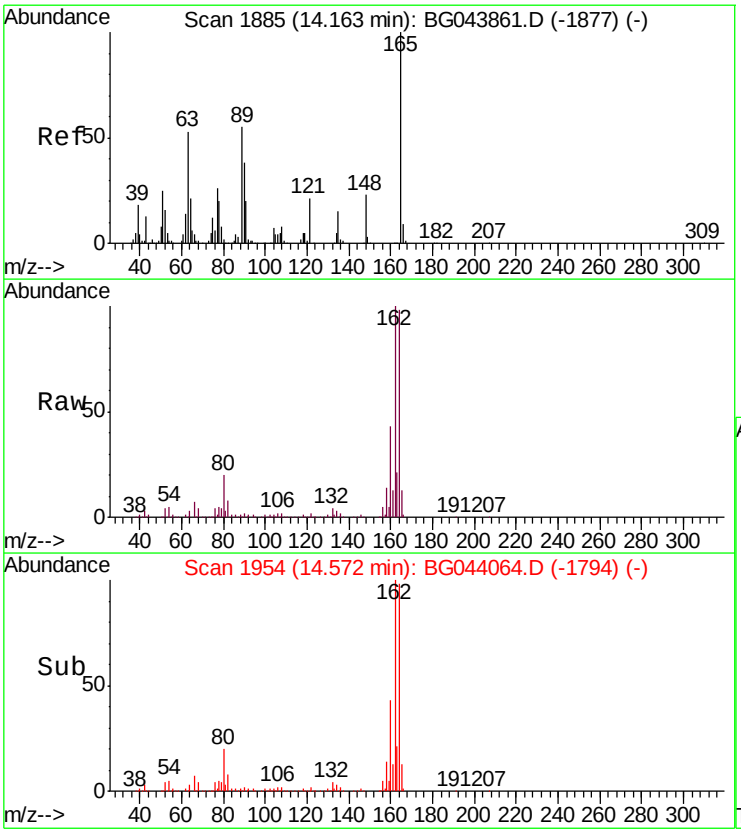
#50
Dimethylphthalate
Concen: 2.046 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:163 Resp: 33953

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.7	5.5#
164	9.8	9.3	13.9

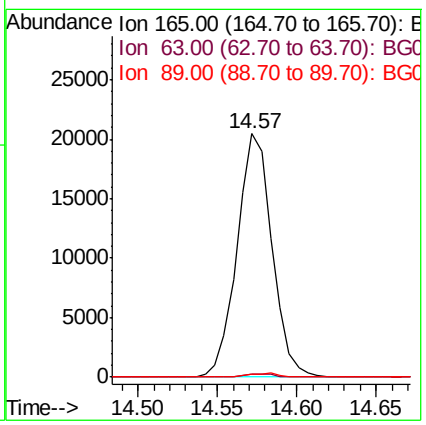


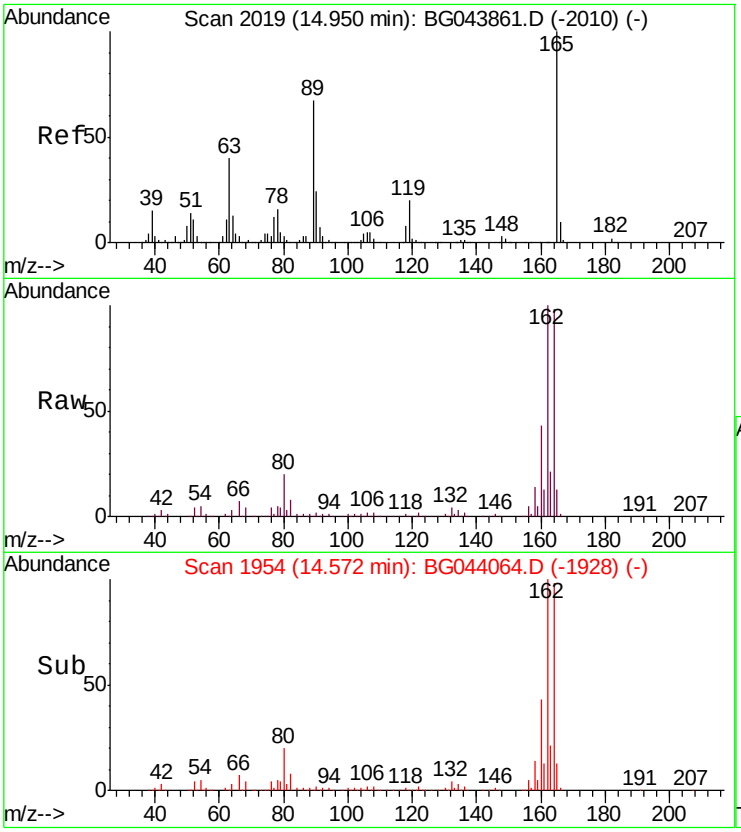


#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:165 Resp: 31354

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.1	64.7#
89	1.4	43.8	65.6#



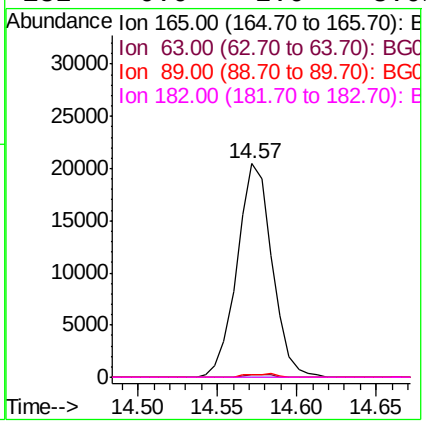


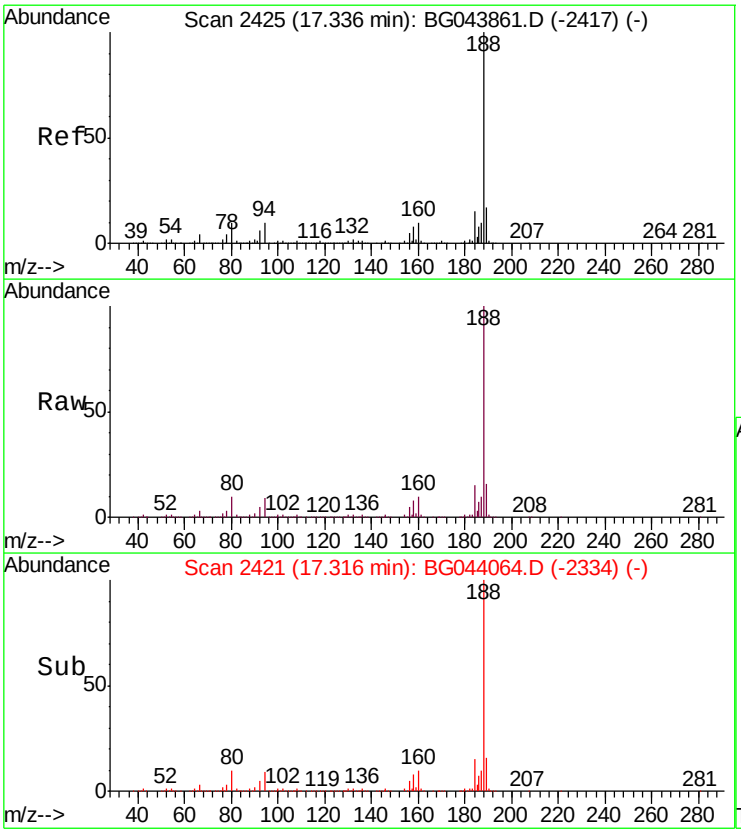
#57
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:165 Resp: 31354

Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.9	47.9#
89	1.4	53.8	80.6#
182	0.0	2.0	3.0#

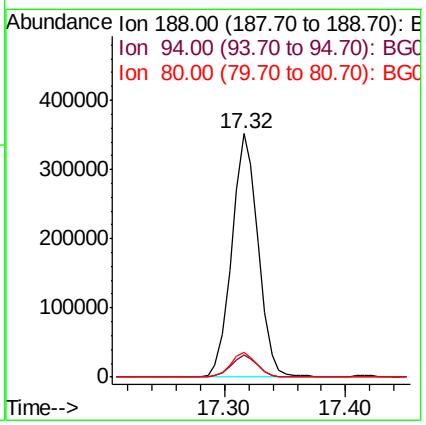


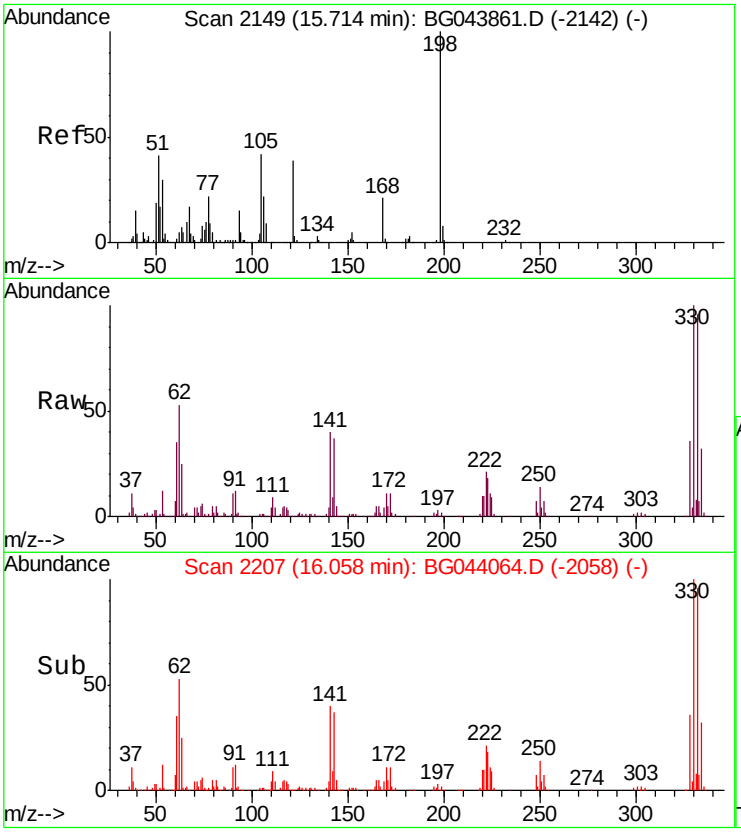


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:188 Resp: 533125

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	10.2	8.2	12.4



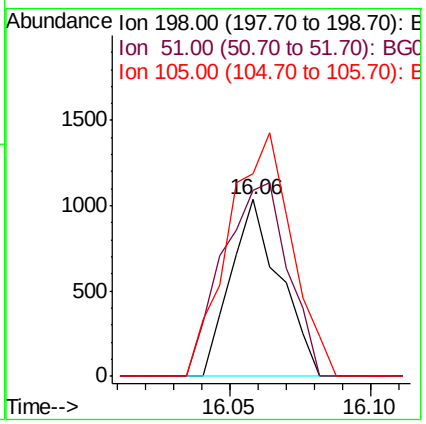


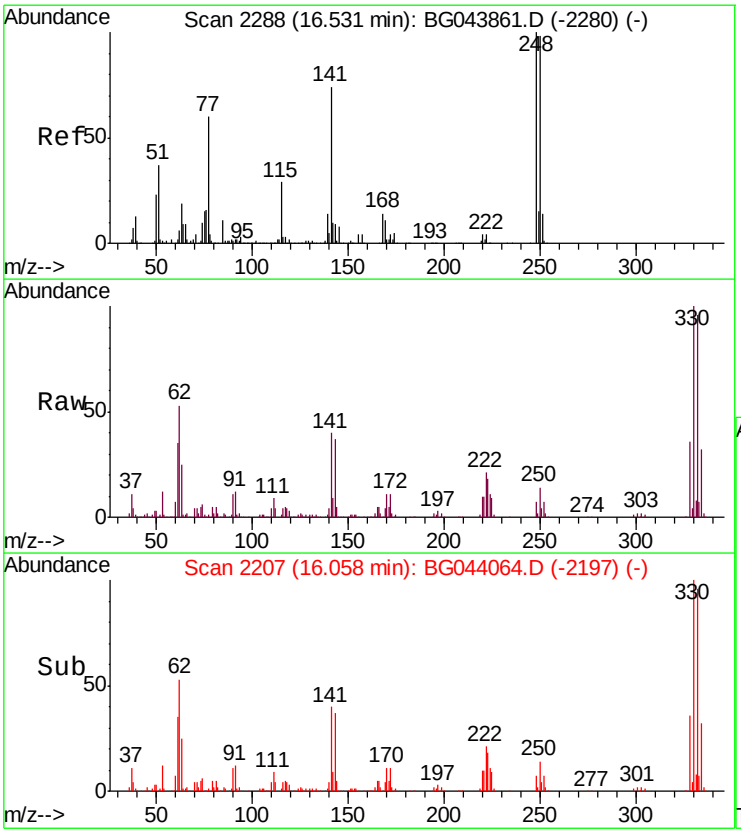
#65
4,6-Dinitro-2-methylphenol
Concen: 4.805 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:198 Resp: 1255

Ion	Ratio	Lower	Upper
198	100		
51	105.5	22.5	62.5#
105	114.7	22.3	62.3#

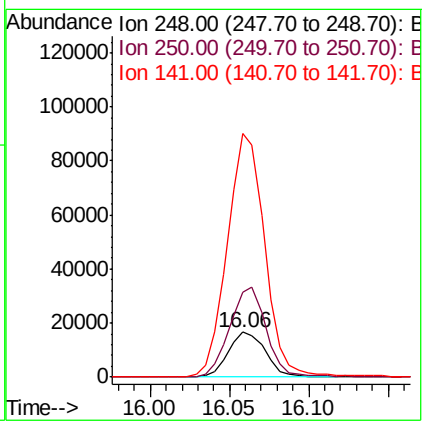


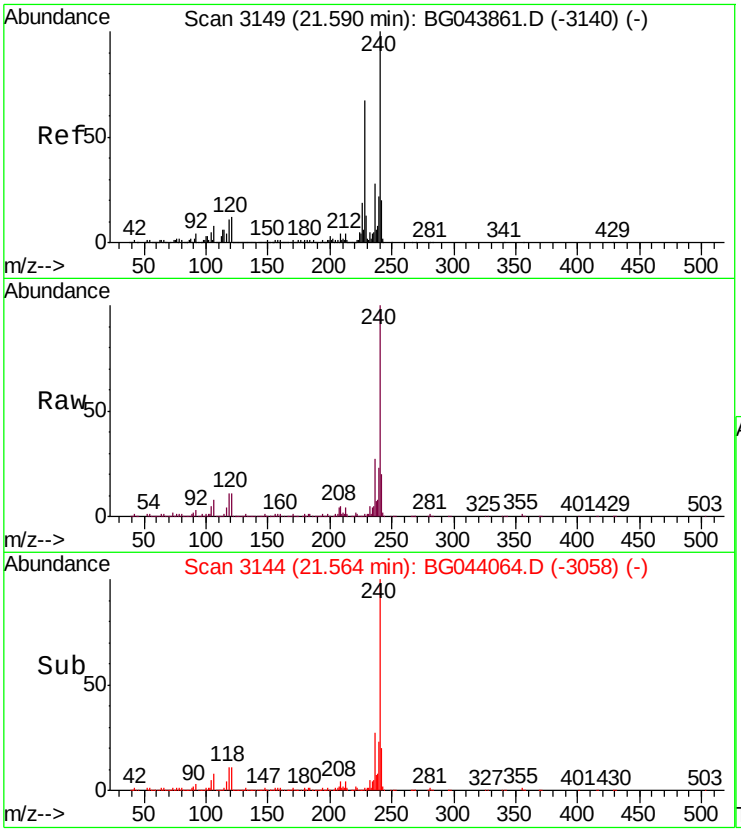


#67
4-Bromophenyl-phenylether
Concen: 4.488 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.47 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:248 Resp: 26909

Ion	Ratio	Lower	Upper
248	100		
250	187.7	78.2	117.2#
141	540.1	59.3	88.9#



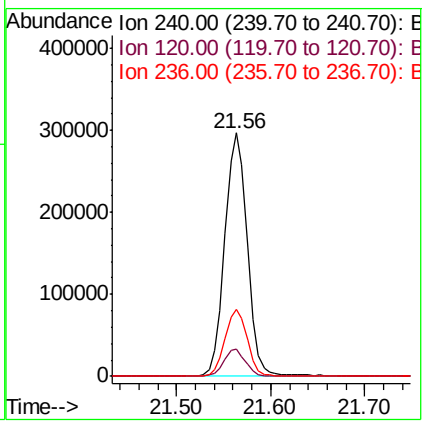


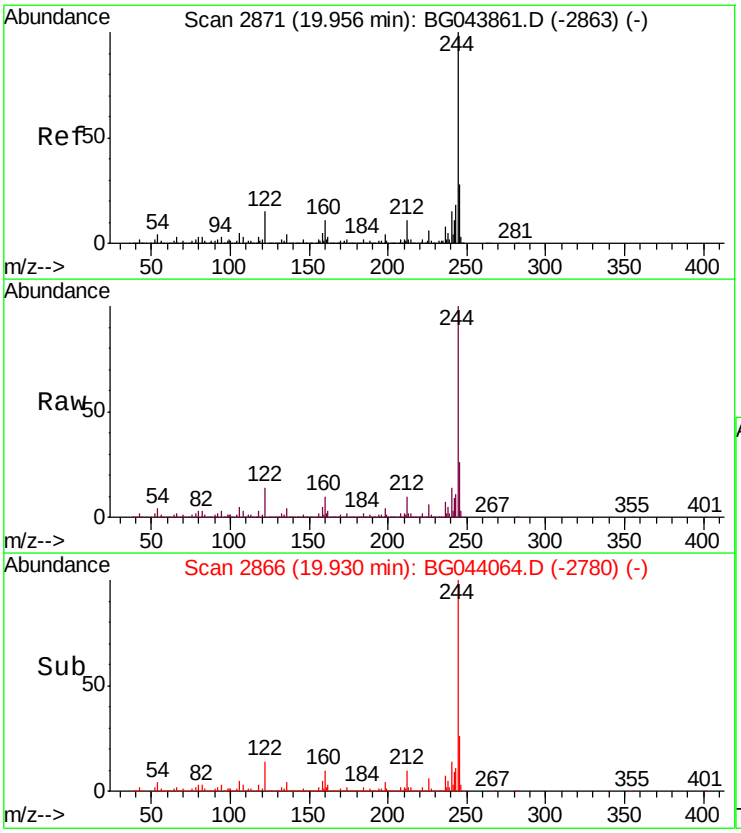
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:240 Resp: 494745

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	27.4	22.2	33.2

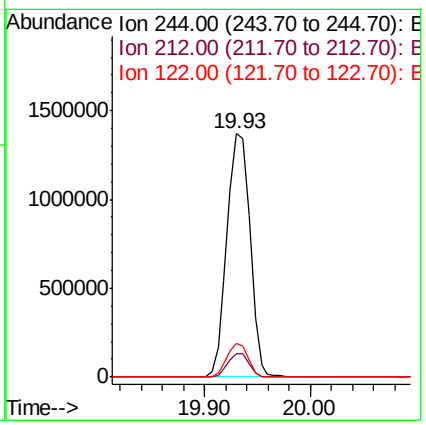


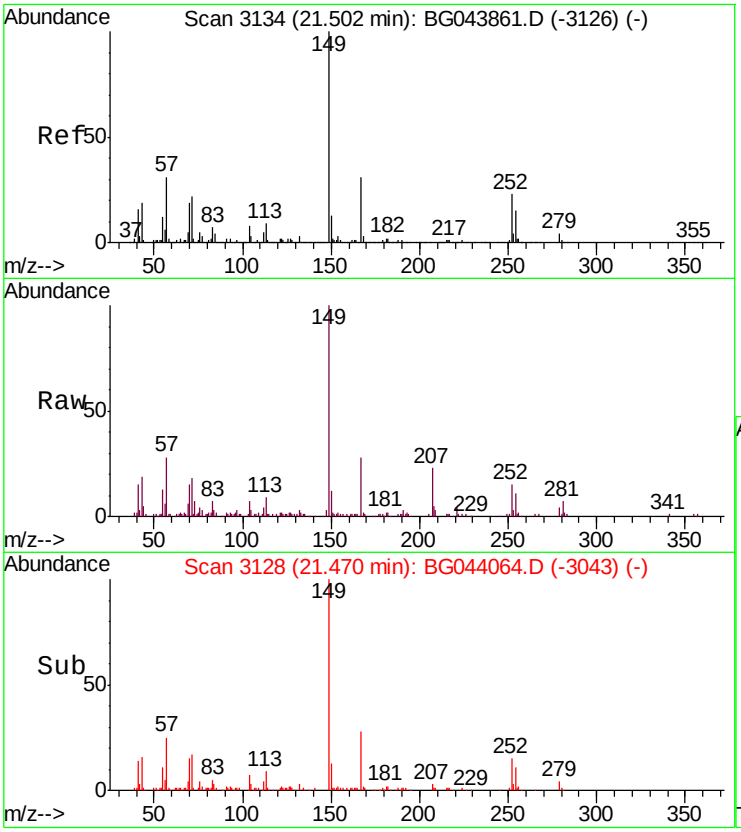


#79
Terphenyl-d14
Concen: 108.421 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:244 Resp: 2075779

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	14.0	11.9	17.9



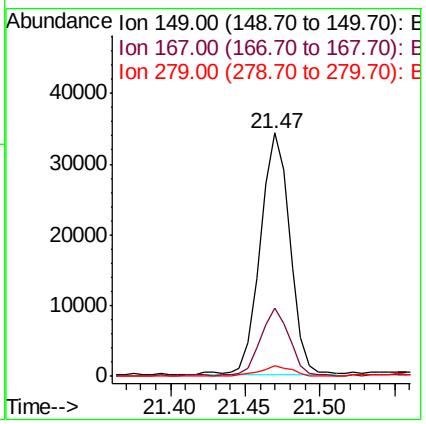


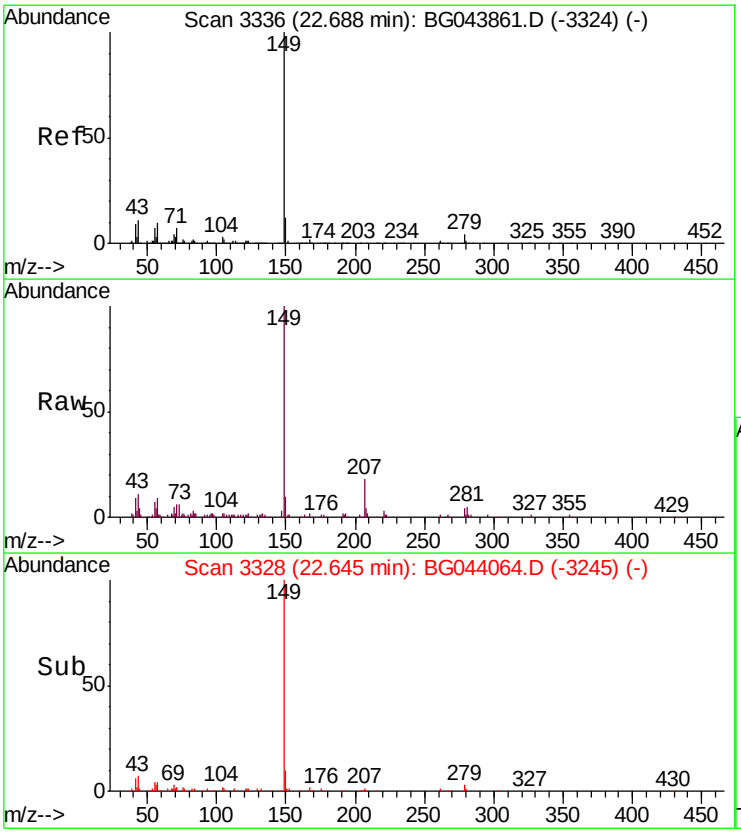
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.218 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:149 Resp: 47060

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.7	37.1
279	4.3	3.3	4.9

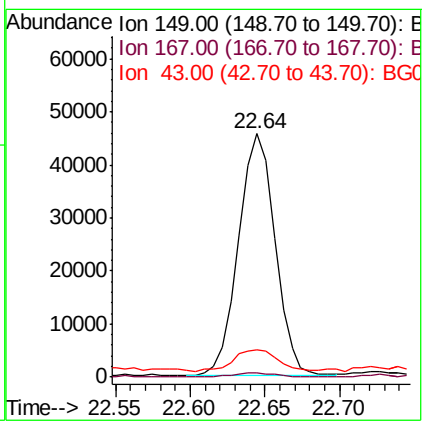


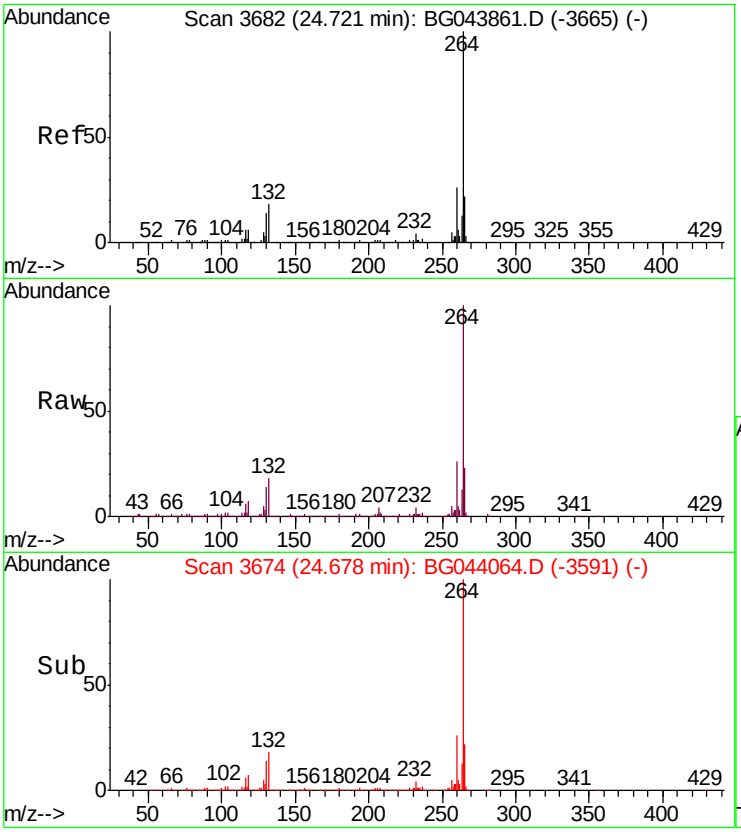


#85
Di-n-octyl phthalate
Concen: 2.182 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:149 Resp: 77810

Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.4	2.0#
43	10.6	8.8	13.2



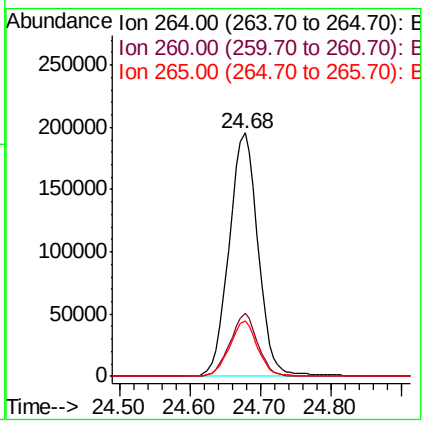


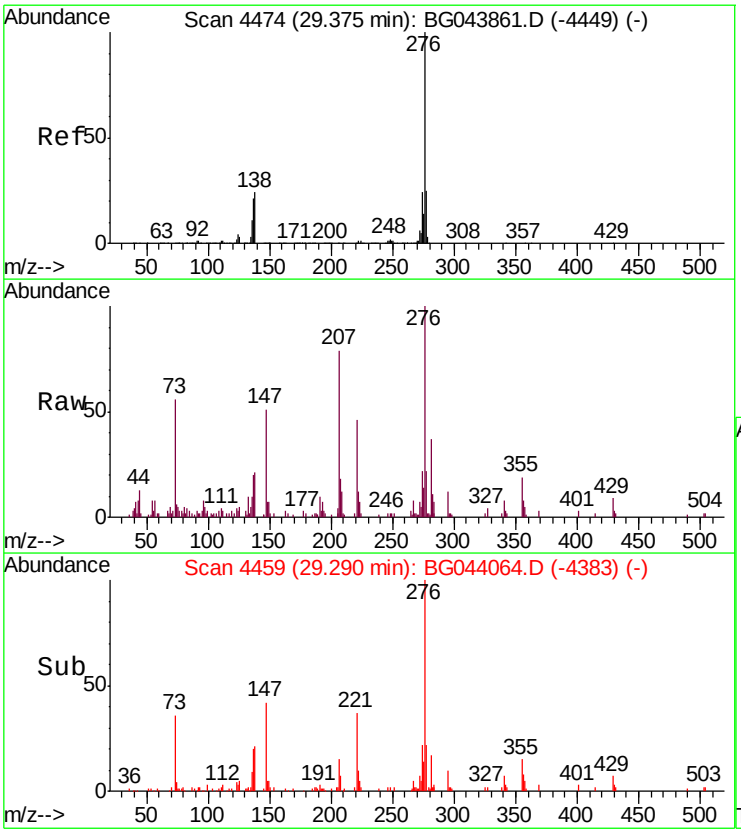
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3674
Delta R.T. -0.04 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tgt Ion:264 Resp: 557878

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	22.6	17.4	26.2





#92
Benzo(g,h,i)perylene
Concen: 2.035 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.08 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:276 Resp: 63192

Ion	Ratio	Lower	Upper
276	100		
277	22.0	20.2	30.4
138	21.3	19.0	28.6