Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

Quantitation Report (Not Reviewed)

Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F1-F2

Quant Time: Jan 21 04:52:18 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	7.93	152	76822	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	338895	20.00	ng		-0.03
39) Acenaphthene-d10	14.56	164	236428	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	508595	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	431327	20.00	ng		-0.03
87) Perylene-d12	24.66	264	485021	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	255709	61.12	ng		-0.03
7) Phenol-d6	7.10	99	218558	37.37	ng		-0.03
23) Nitrobenzene-d5	9.09	82	543145	85.74	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	385745	155.91	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1279035	98.01	ng		-0.03
79) Terphenyl-d14	19.93	244	1814879	108.87	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	25932	4.304	ng		97
19) n-Nitroso-di-n-propylamine	9.09	70	71167	16.340	ng	#	79
32) Benzoic acid	9.92	122	151	6.298	ng	#	1
36) 4-Chloro-3-methylphenol	12.07	107	20491	3.611	ng	#	18
50) Dimethylphthalate	14.02	163	72975	4.347	ng		96
51) 2,6-Dinitrotoluene	14.56	165	30771	8.110	ng	#	26
57) 2,4-Dinitrotoluene	14.56	165	30771	5.960	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1283	4.835	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	27761	4.853	ng	#	1
77) Benzidine	19.93	184	30920	2.852	ng	#	87
84) Bis(2-ethylhexyl)phthalate	21.46	149	37203	2.012	ng		95

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

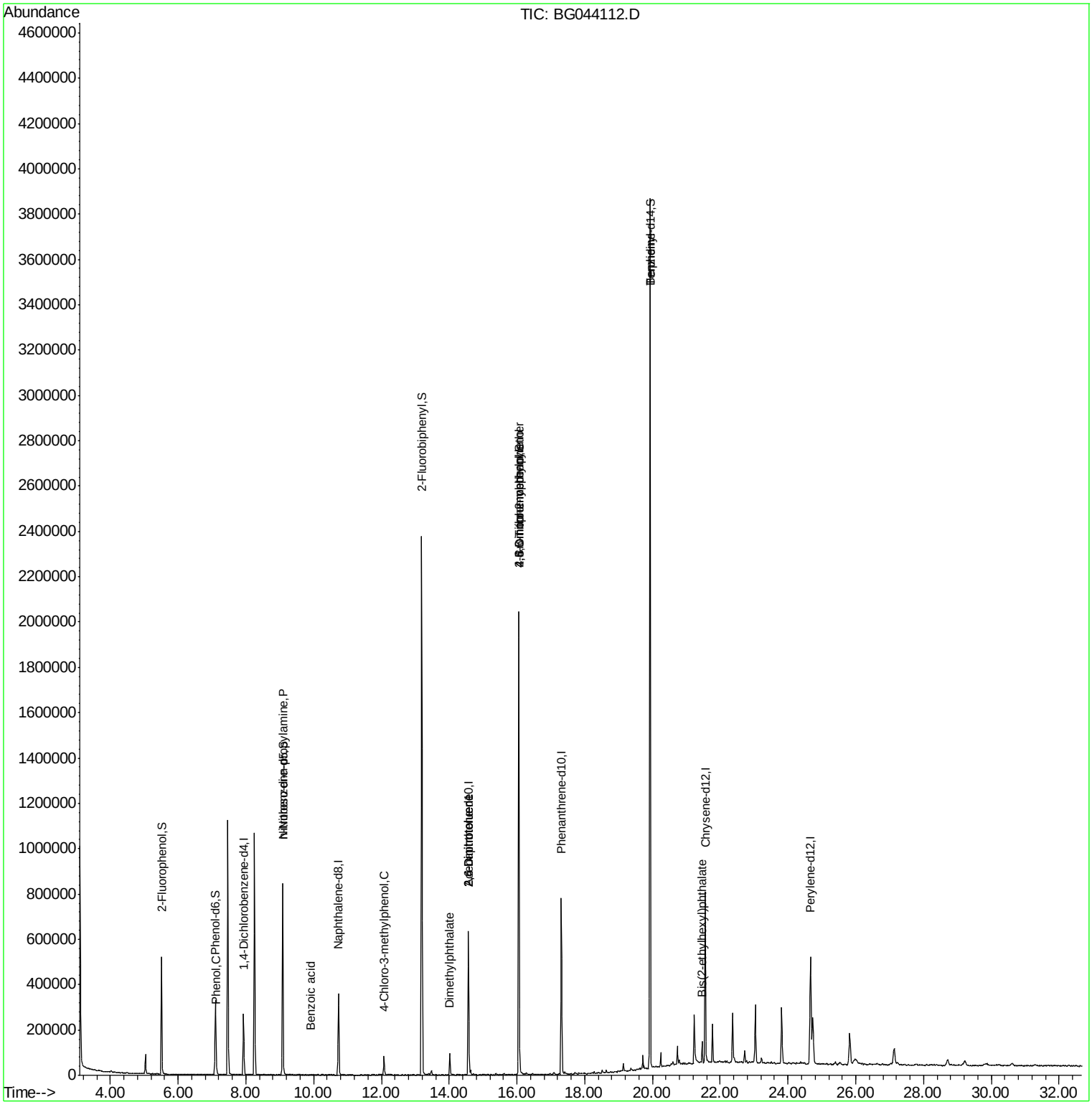
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

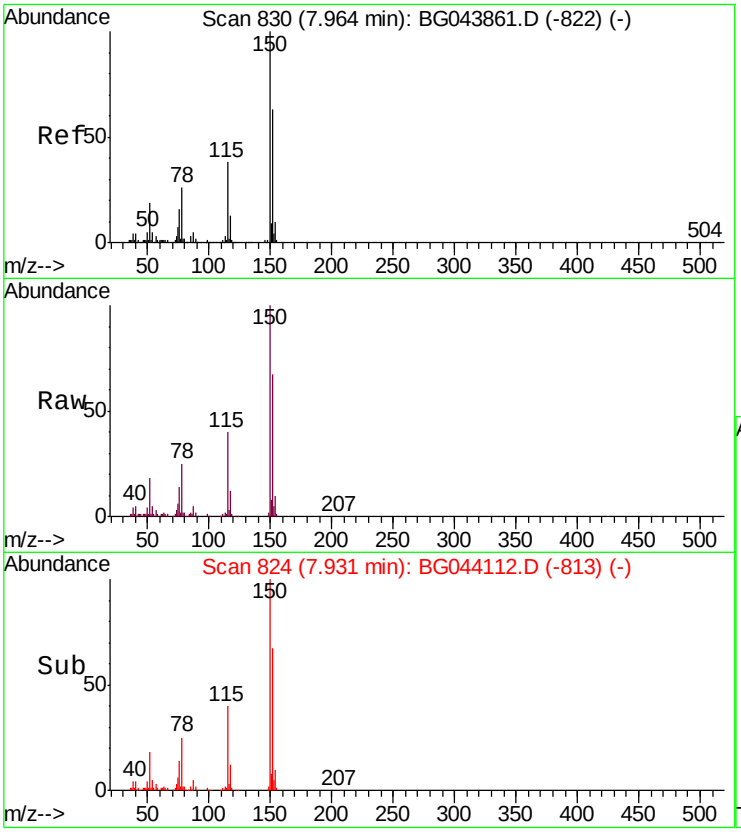
Quantitation Report (Not Reviewed)

Data File : BG044112.D
Acq On : 21 Jan 2020 00:15
Operator : JU
Sample : L1184-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F1-F2

Quant Time: Jan 21 04:52:18 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



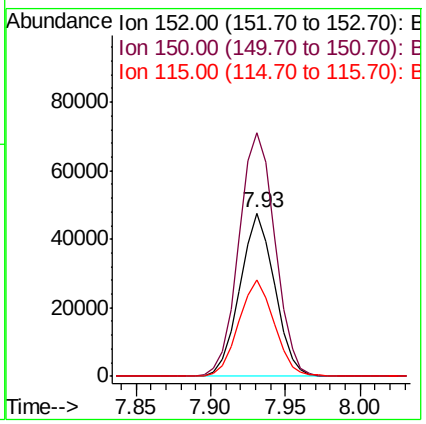


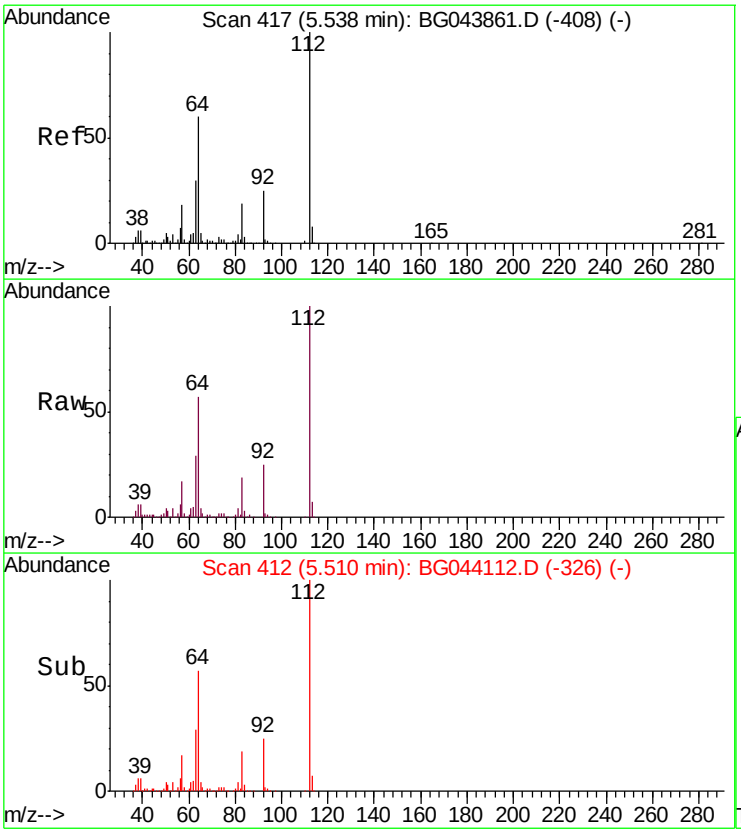
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:152 Resp: 76822

Ion	Ratio	Lower	Upper
152	100		
150	149.1	127.0	190.4
115	59.0	47.8	71.8

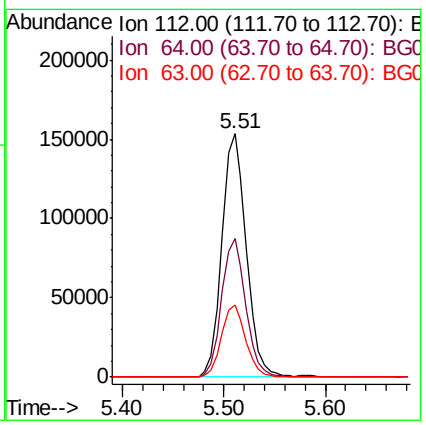


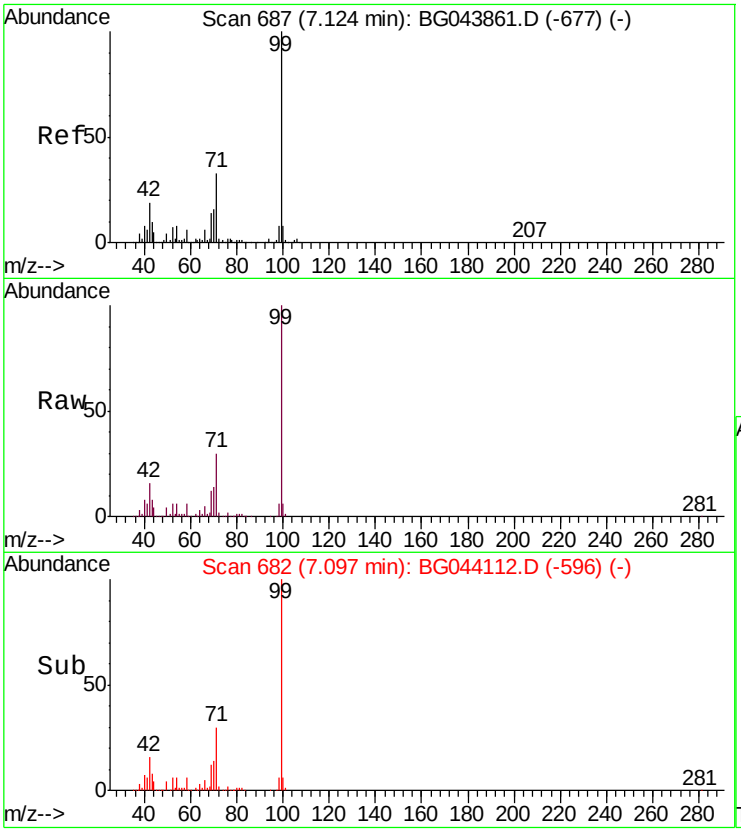


#5
2-Fluorophenol
Concen: 61.117 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:112 Resp: 255709

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.8	71.6
63	29.5	24.3	36.5



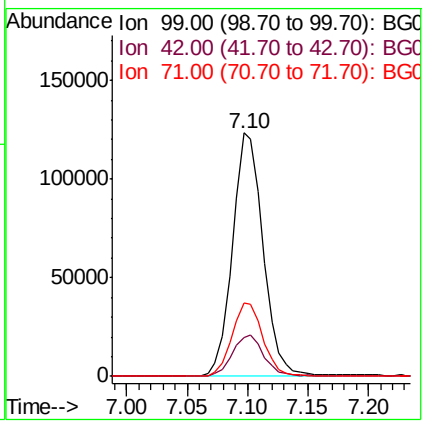


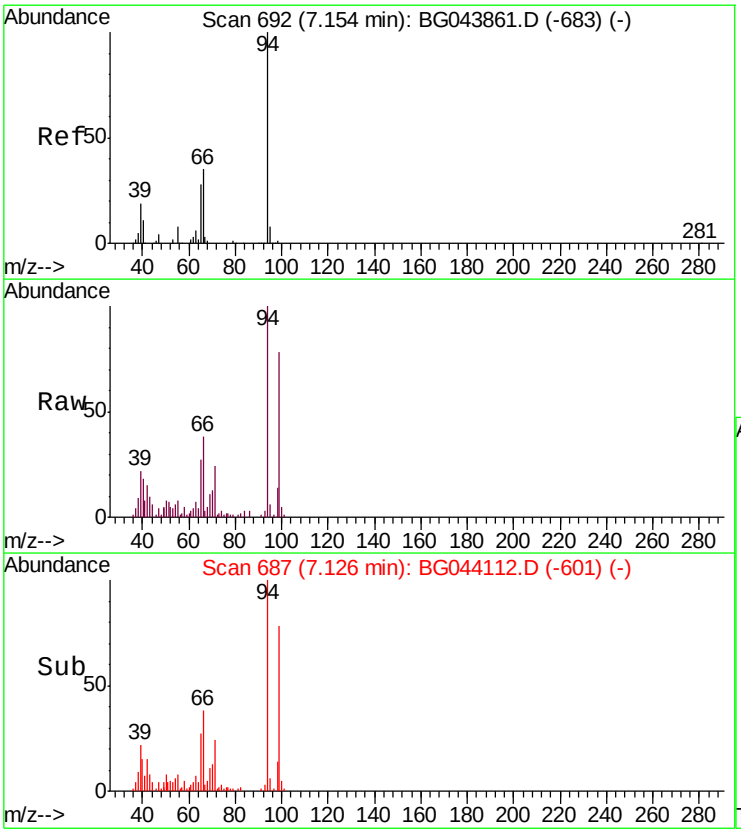
#7
Phenol-d6
Concen: 37.371 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion: 99 Resp: 218558

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.9	22.3
71	30.4	26.4	39.6

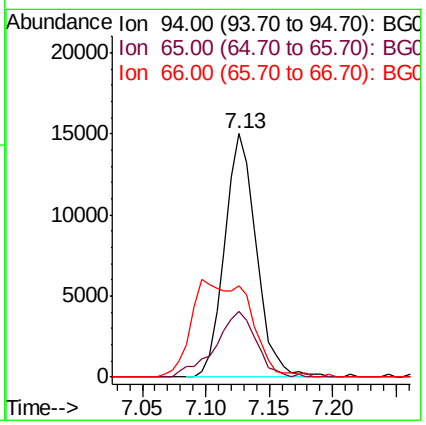


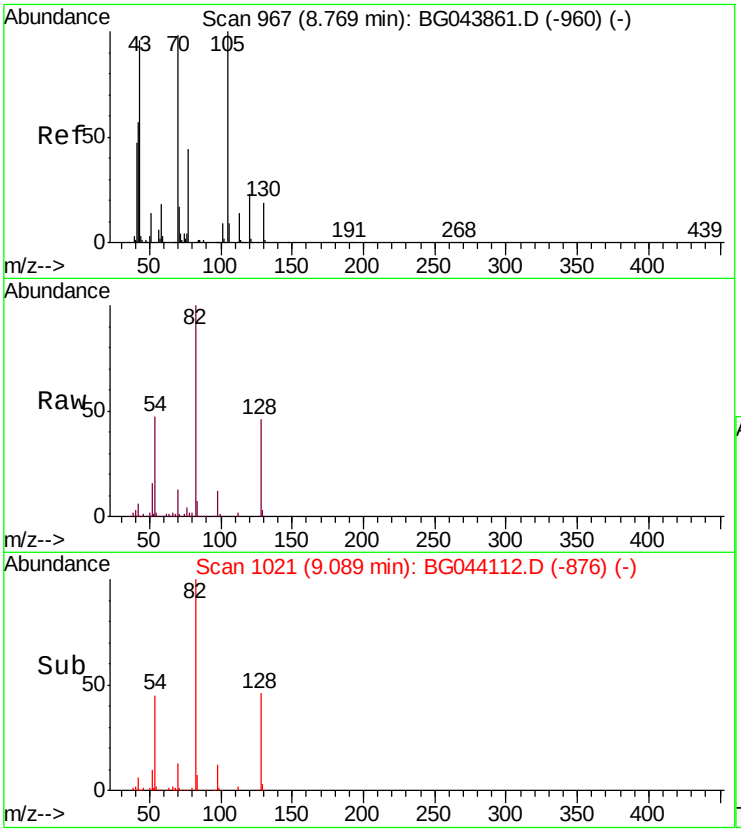


#10
Phenol
Concen: 4.304 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion: 94 Resp: 25932

Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.1	48.1
66	37.5	15.6	55.6



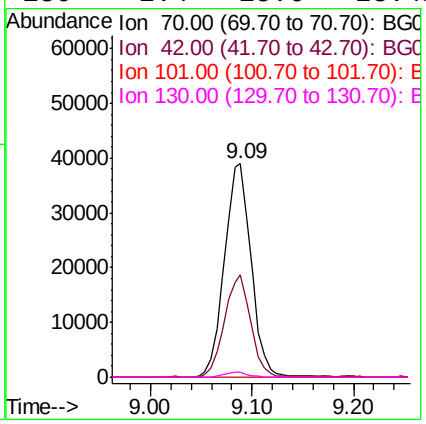


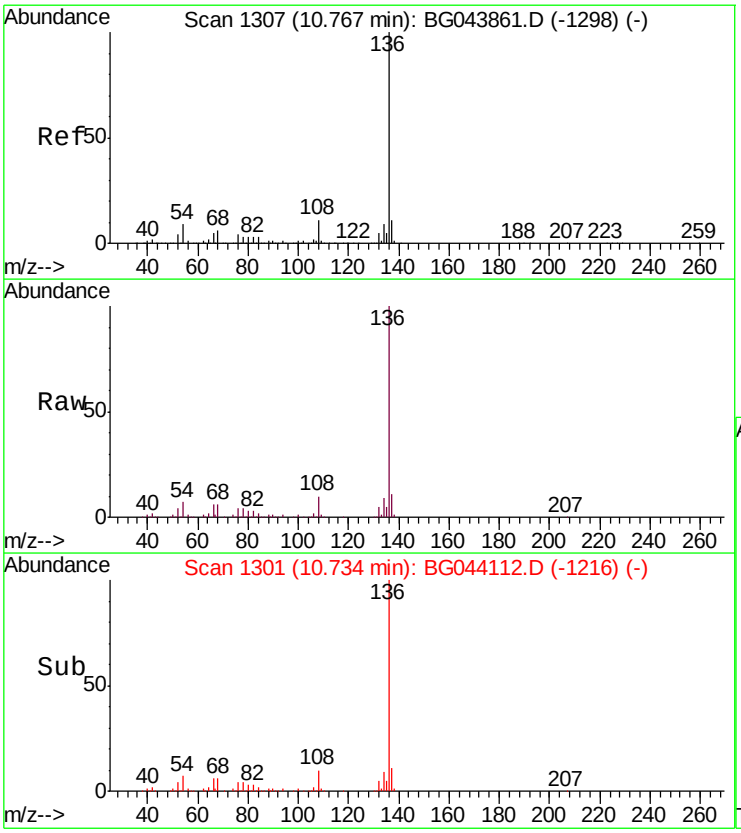
#19
n-Nitroso-di-n-propylamine
Concen: 16.340 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion: 70 Resp: 71167

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.0	70.4
101	0.0	7.2	10.8#
130	2.4	15.6	23.4#

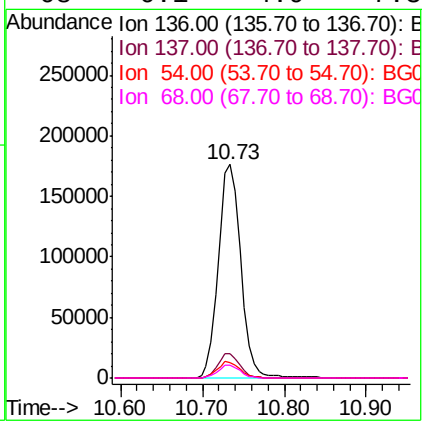


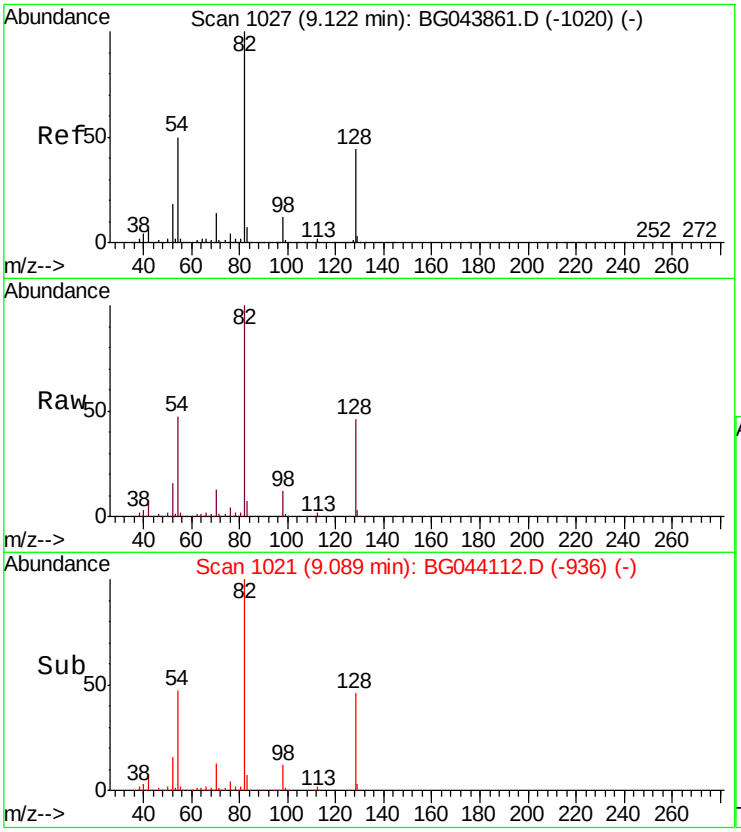


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:136 Resp: 338895

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.1	7.0	10.4
68	6.1	4.9	7.3



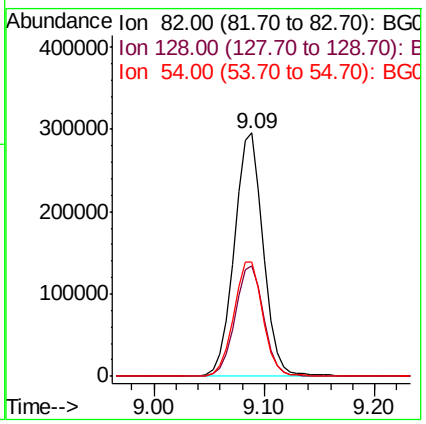


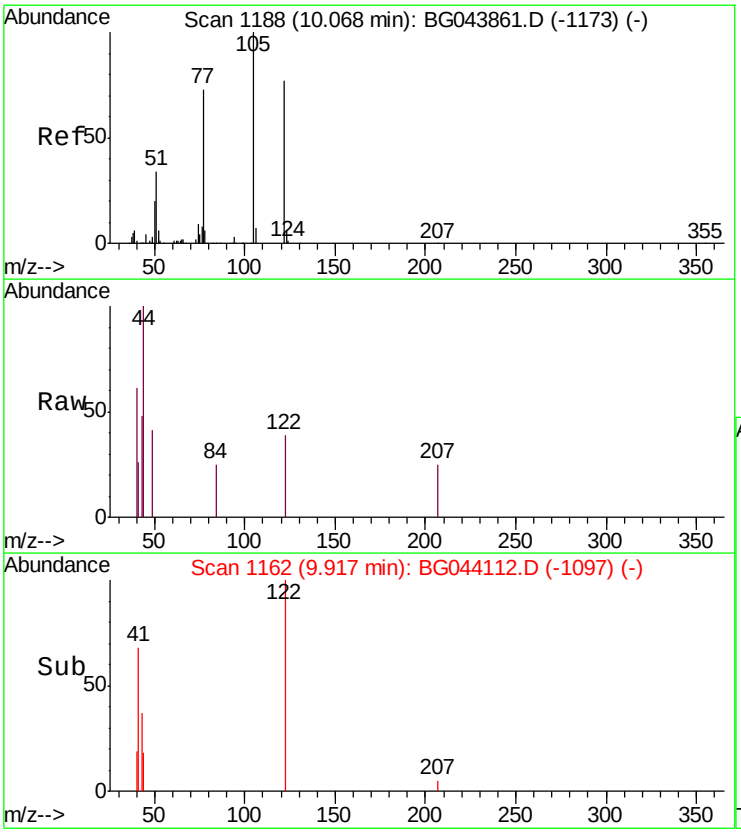
#23
Nitrobenzene-d5
Concen: 85.738 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion: 82 Resp: 543145

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	46.9	40.1	60.1

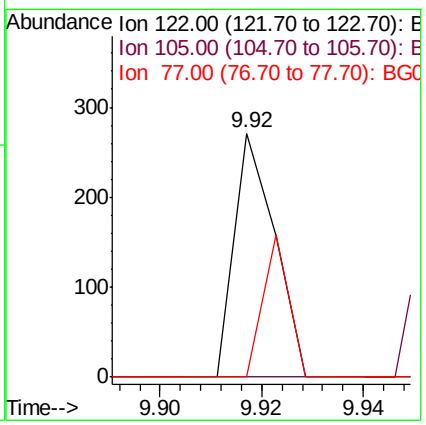


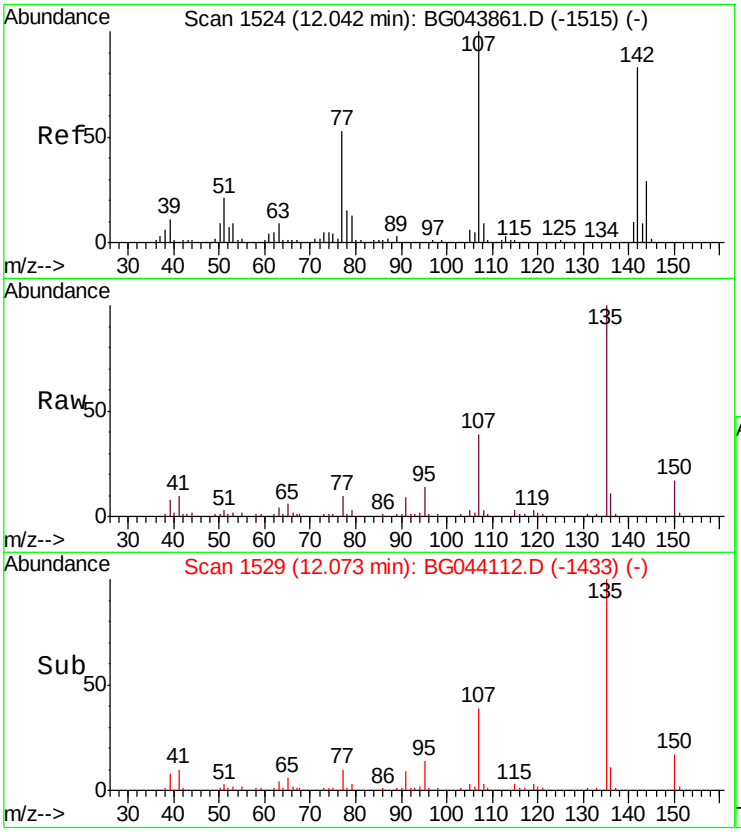


#32
Benzoic acid
Concen: 6.298 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.15 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:122 Resp: 151

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	0.0	74.6	114.6#



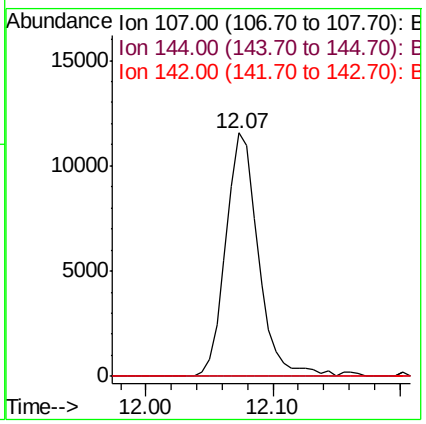


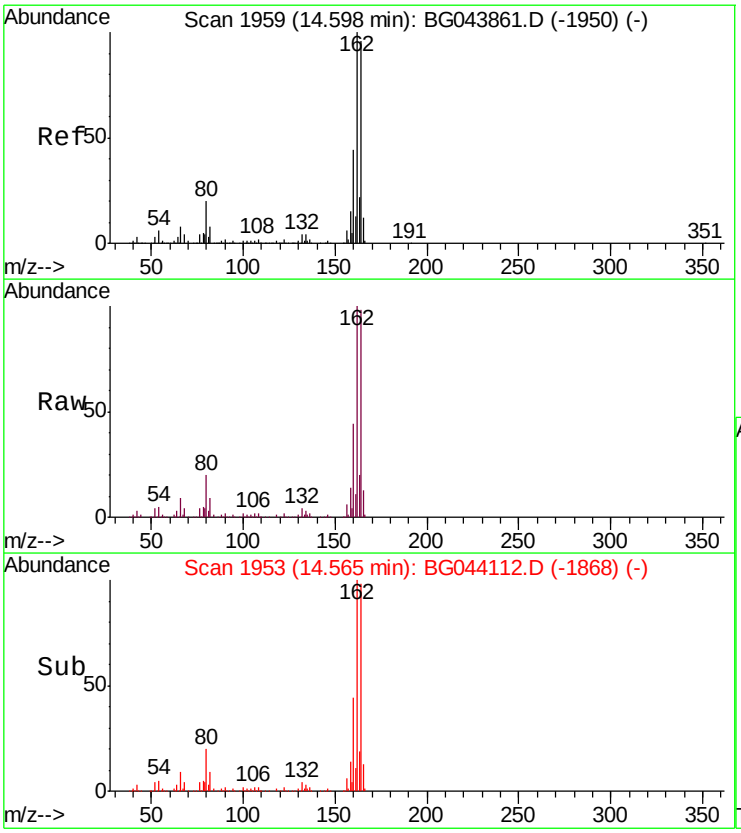
#36
4-Chloro-3-methylphenol
Concen: 3.611 ng
RT: 12.07 min Scan# 1529
Delta R.T. 0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:107 Resp: 20491

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.4	35.2#
142	0.0	66.3	99.5#

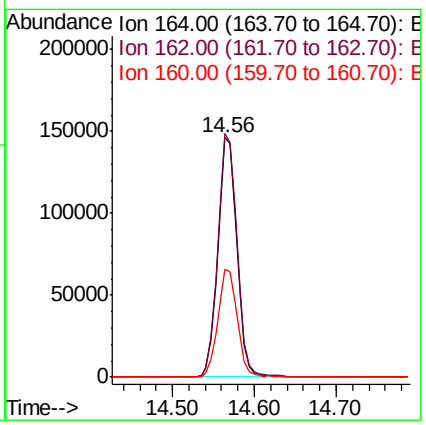


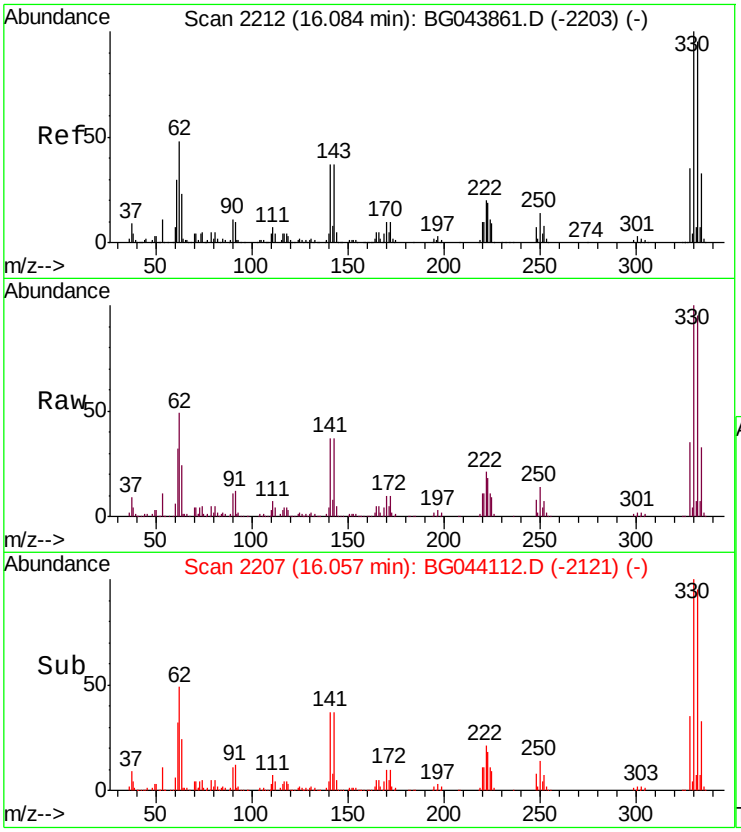


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:164 Resp: 236428

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.4
160	45.0	36.1	54.1



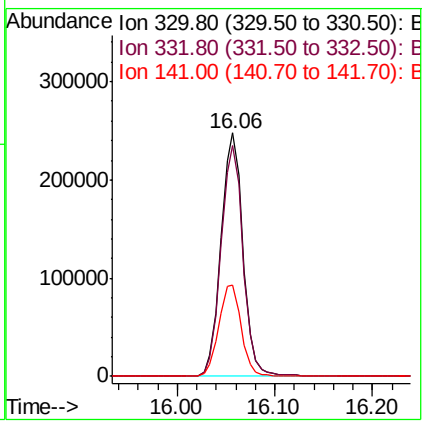


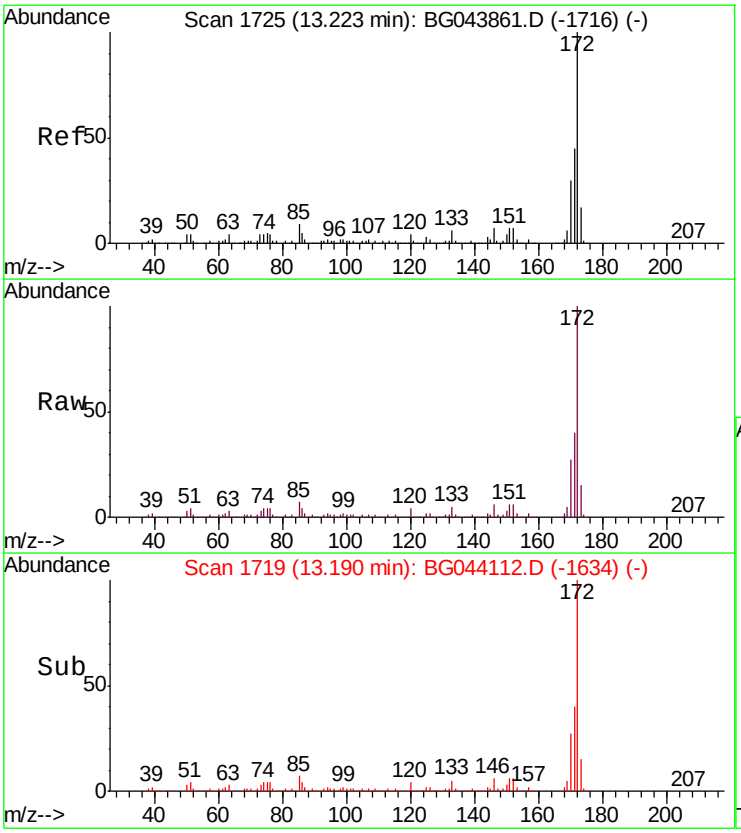
#42
2,4,6-Tribromophenol
Concen: 155.909 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:330 Resp: 385745

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.2	115.8
141	38.7	33.1	49.7

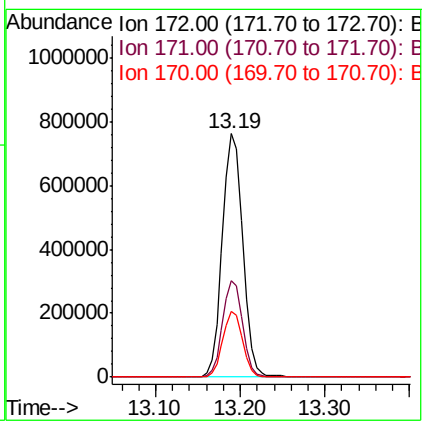


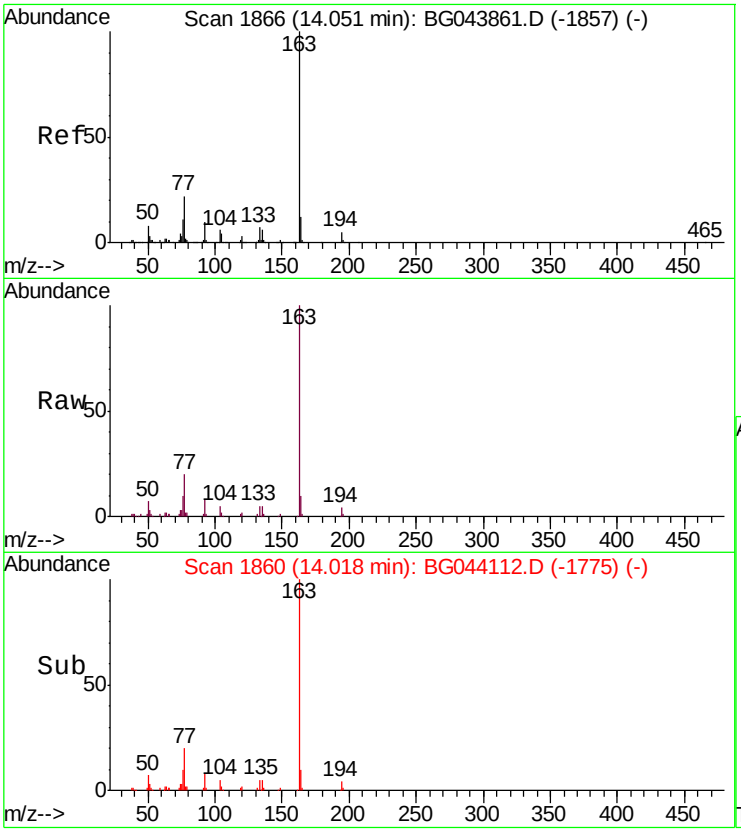


#45
2-Fluorobiphenyl
Concen: 98.014 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:172 Resp: 1279035

Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.8	53.8
170	27.1	24.2	36.4



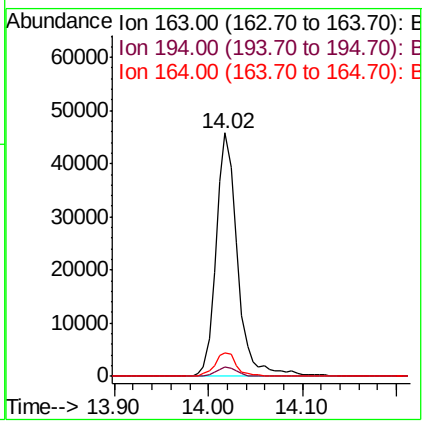


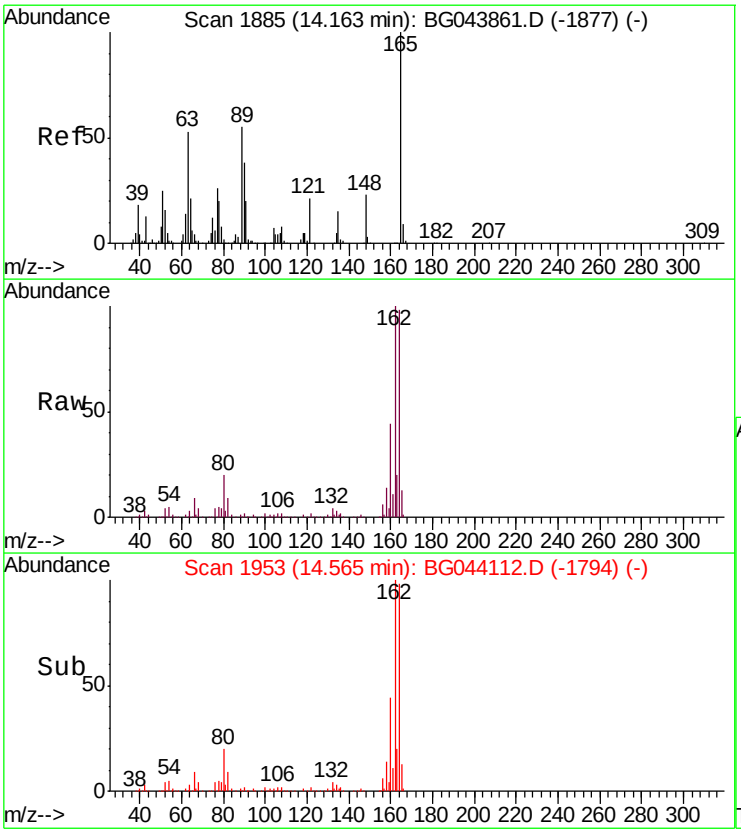
#50
Dimethylphthalate
Concen: 4.347 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:163 Resp: 72975

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.7	5.5
164	9.7	9.3	13.9

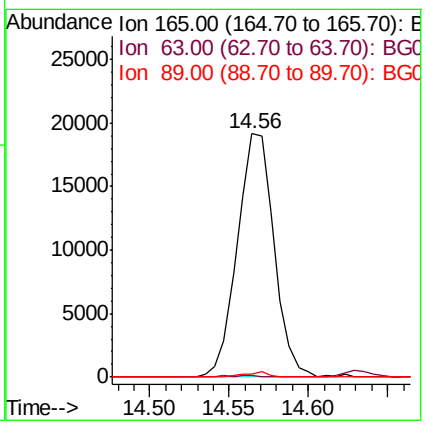


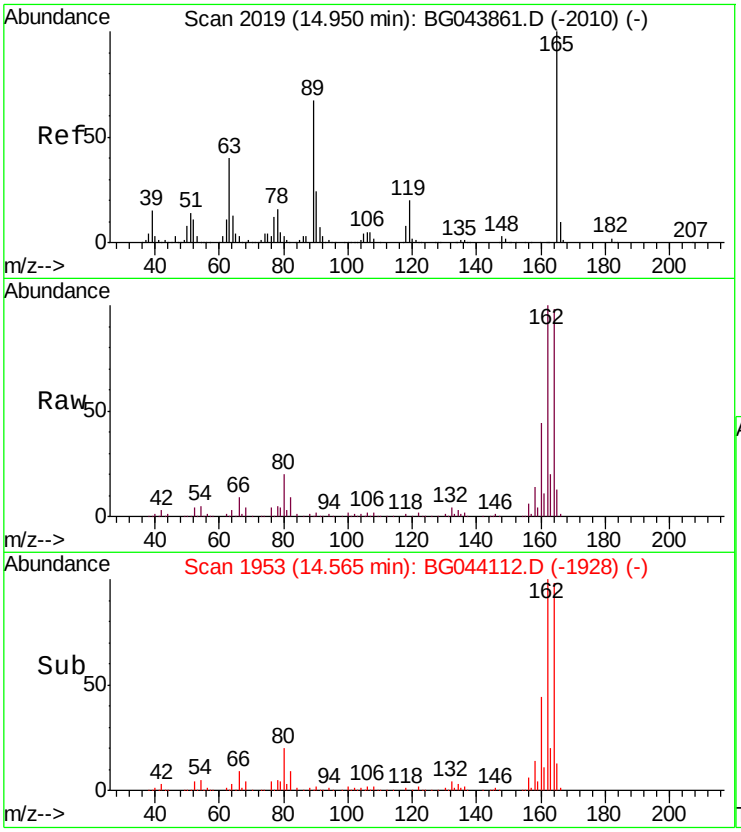


#51
2,6-Dinitrotoluene
Concen: 8.110 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.40 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:165 Resp: 30771

Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.1	64.7#
89	1.4	43.8	65.6#



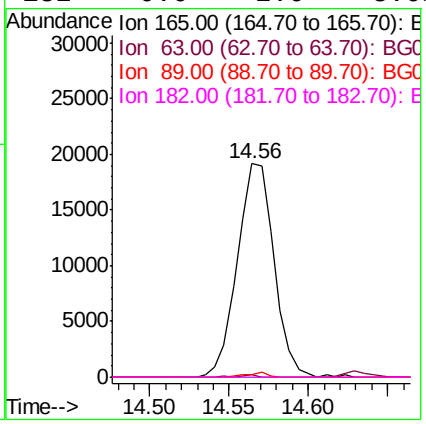


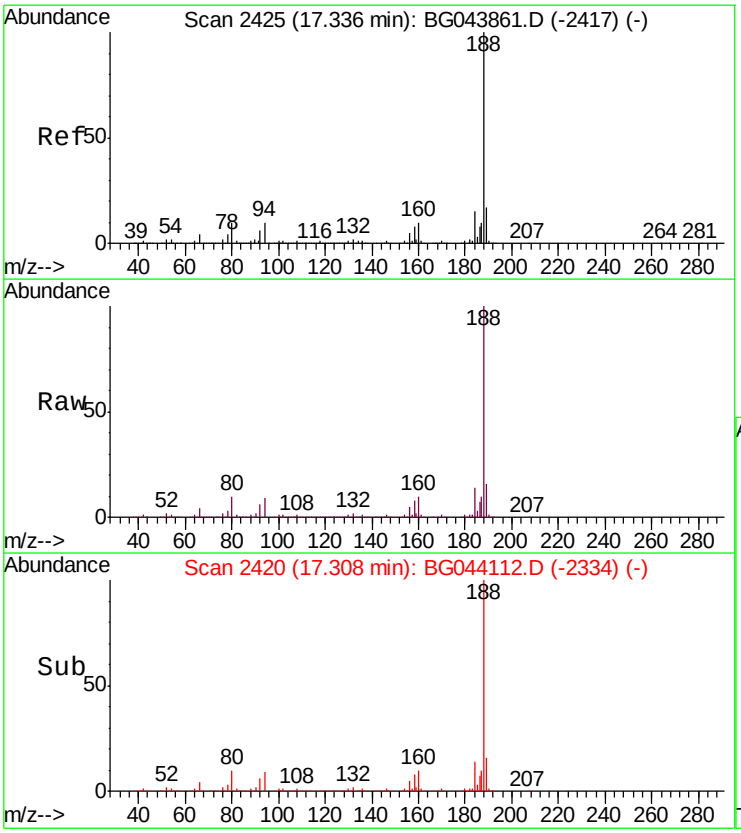
#57
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:165 Resp: 30771

Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.9	47.9#
89	1.4	53.8	80.6#
182	0.0	2.0	3.0#

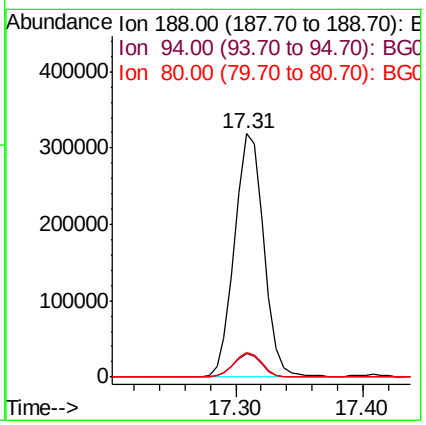


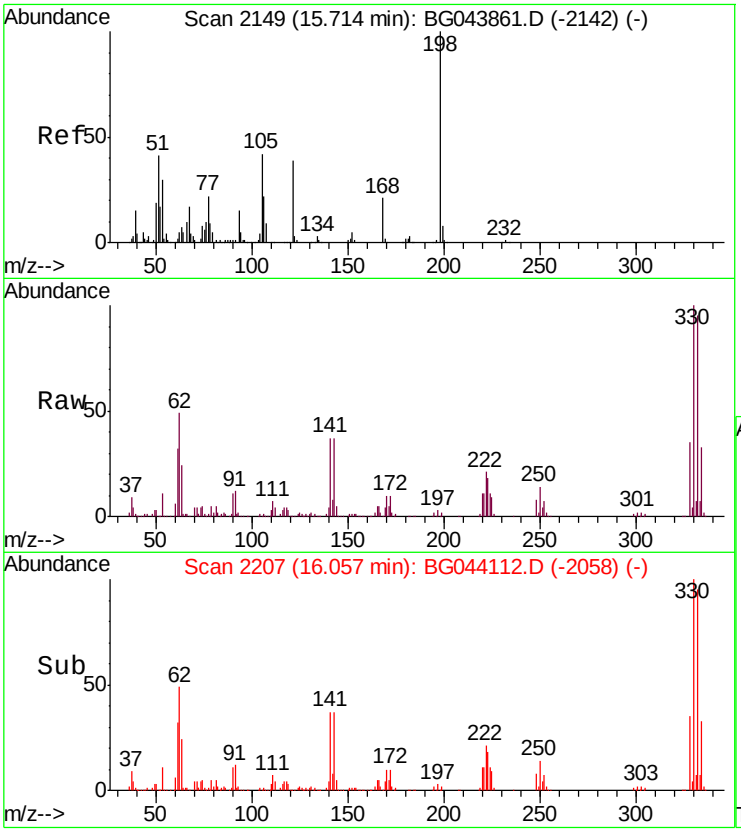


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:188 Resp: 508595

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.3	8.2	12.4



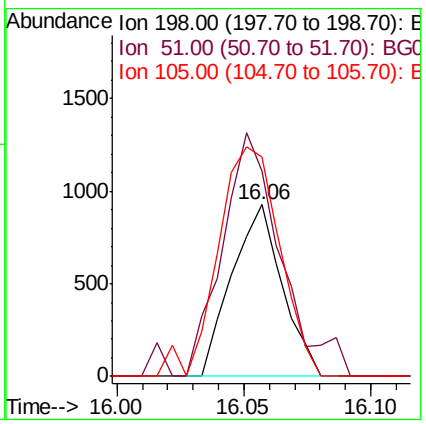


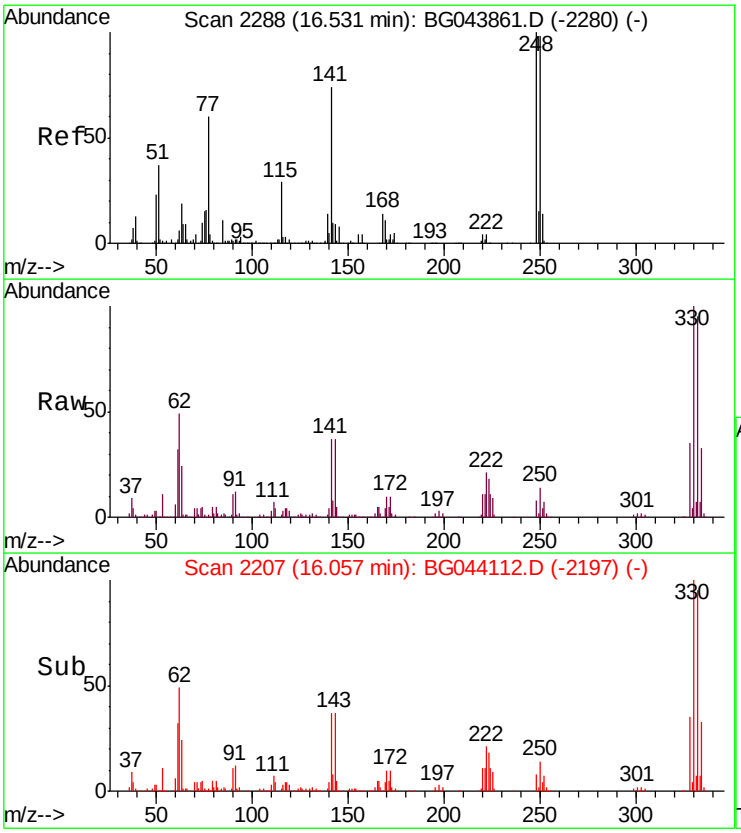
#65
4,6-Dinitro-2-methylphenol
Concen: 4.835 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:198 Resp: 1283

Ion	Ratio	Lower	Upper
198	100		
51	119.6	22.5	62.5#
105	127.9	22.3	62.3#

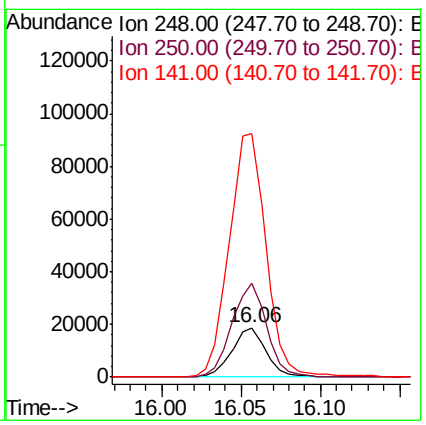


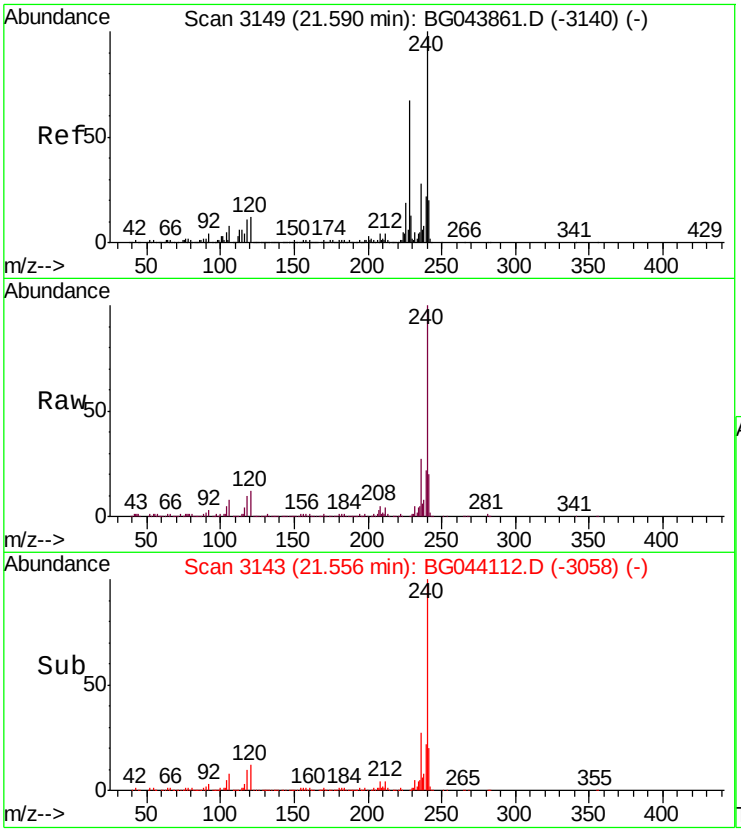


#67
4-Bromophenyl-phenylether
Concen: 4.853 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.47 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:248 Resp: 27761

Ion	Ratio	Lower	Upper
248	100		
250	190.2	78.2	117.2#
141	492.2	59.3	88.9#



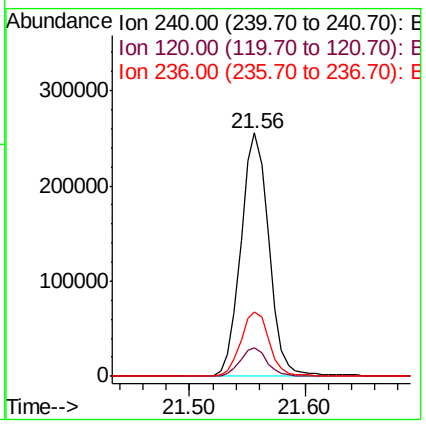


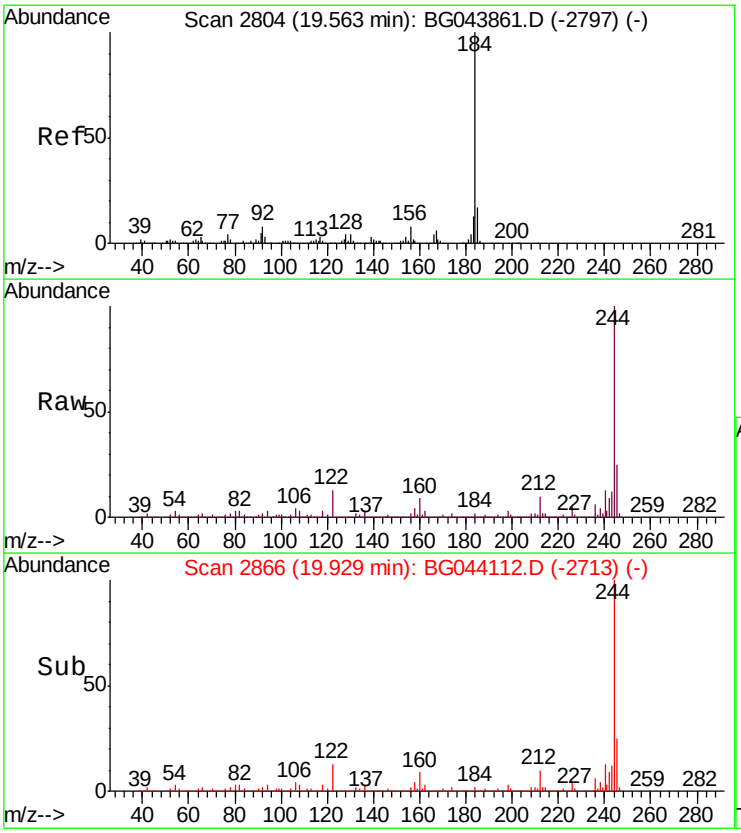
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:240 Resp: 431327

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	26.6	22.2	33.2

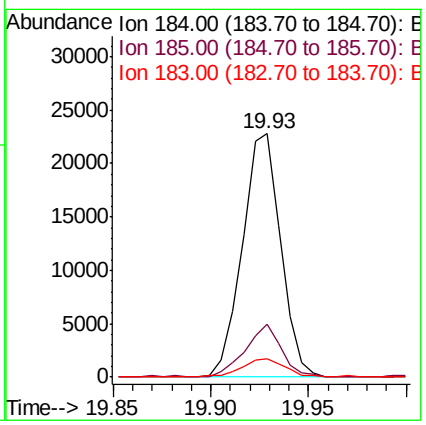


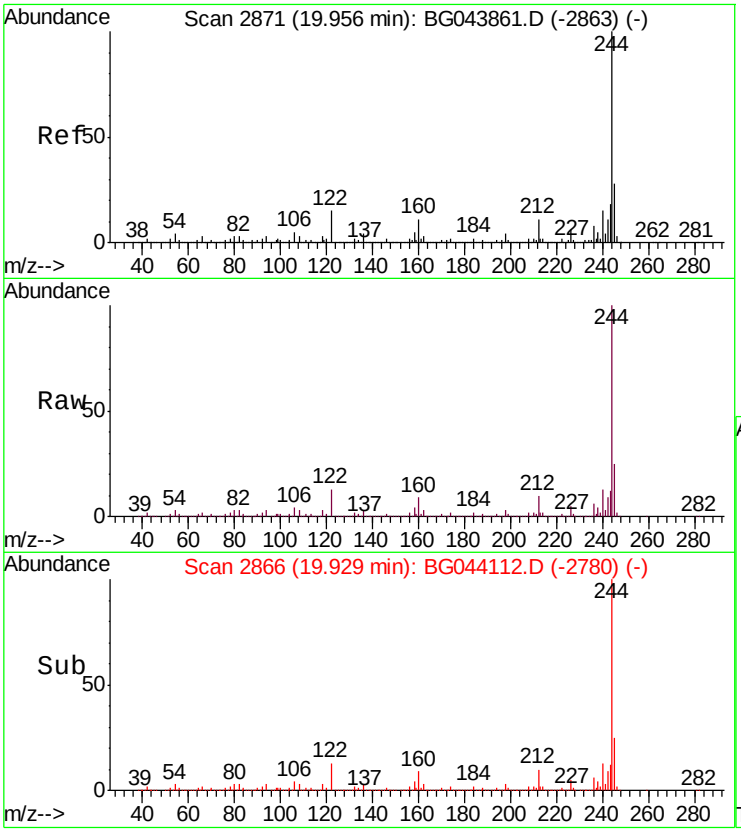


#77
Benzidine
Concen: 2.852 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.37 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:184 Resp: 30920

Ion	Ratio	Lower	Upper
184	100		
185	21.7	13.4	20.0#
183	7.5	10.6	15.8#



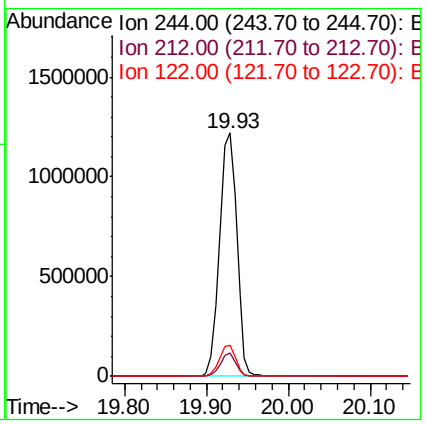


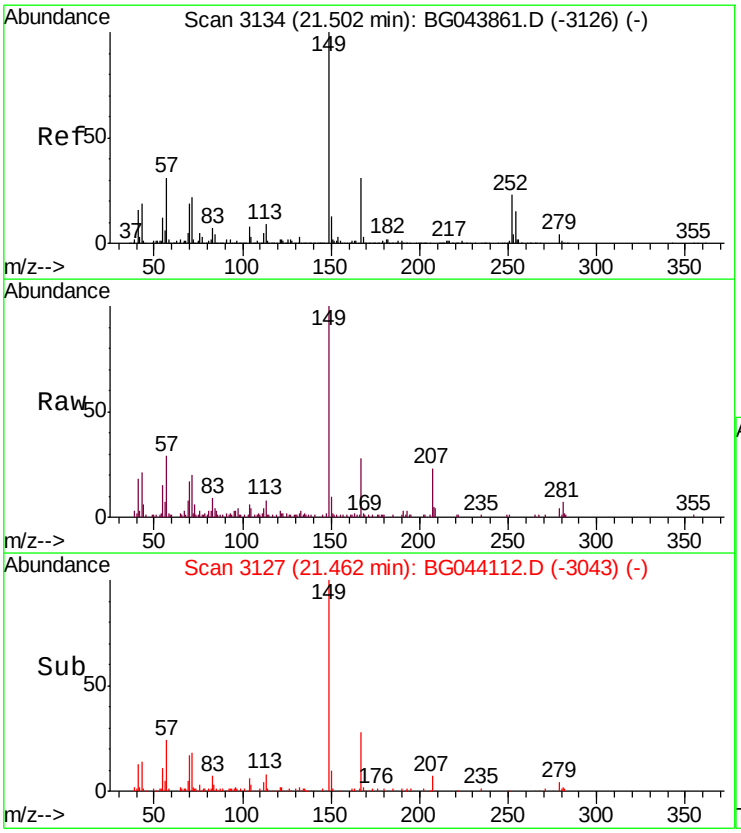
#79
Terphenyl-d14
Concen: 108.870 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:244 Resp: 1814879

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	13.0
122	12.6	11.9	17.9

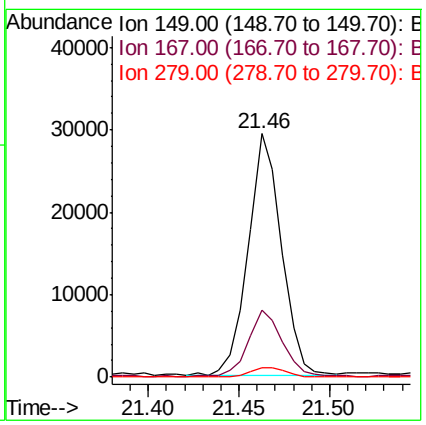


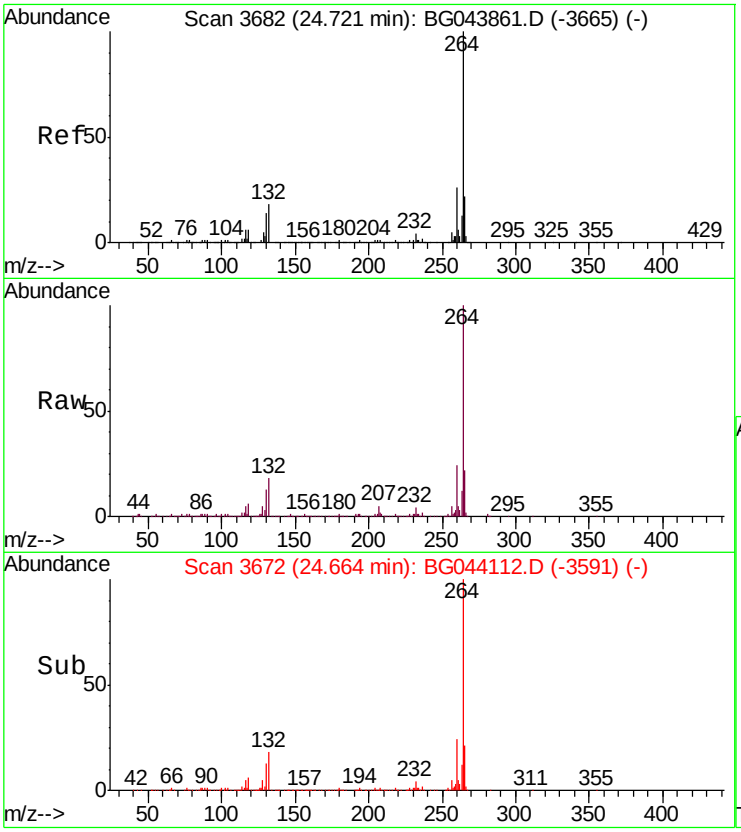


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.012 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:149 Resp: 37203

Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.7	37.1
279	3.9	3.3	4.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tgt Ion:264 Resp: 485021

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.4	30.6
265	21.6	17.4	26.2