Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012420\

Quantitation Report (Not Reviewed)

Data File : BG044208.D
Acq On : 25 Jan 2020 8:59
Operator : CG/JU
Sample : L1247-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-9-COMP

Quant Time: Jan 27 00:53:20 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	83936	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	375257	20.00	ng		-0.03
39) Acenaphthene-d10	14.56	164	256760	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	505246	20.00	ng		-0.03
76) Chrysene-d12	21.55	240	431815	20.00	ng		-0.03
87) Perylene-d12	24.66	264	481889	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	627685	137.31	ng		-0.03
7) Phenol-d6	7.10	99	861779	134.86	ng		-0.02
23) Nitrobenzene-d5	9.09	82	532388	75.90	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	317277	118.08	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1218915	86.01	ng		-0.03
79) Terphenyl-d14	19.92	244	1608981	91.70	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	33394	5.072	ng		95
19) n-Nitroso-di-n-propylamine	9.08	70	69015	14.503	ng	#	78
50) Dimethylphthalate	14.02	163	201946	11.077	ng		97
57) 2,4-Dinitrotoluene	14.56	165	32945	5.876	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1011	4.743	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	22556	3.969	ng	#	1
77) Benzidine	19.92	184	27019	2.489	ng	#	90

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

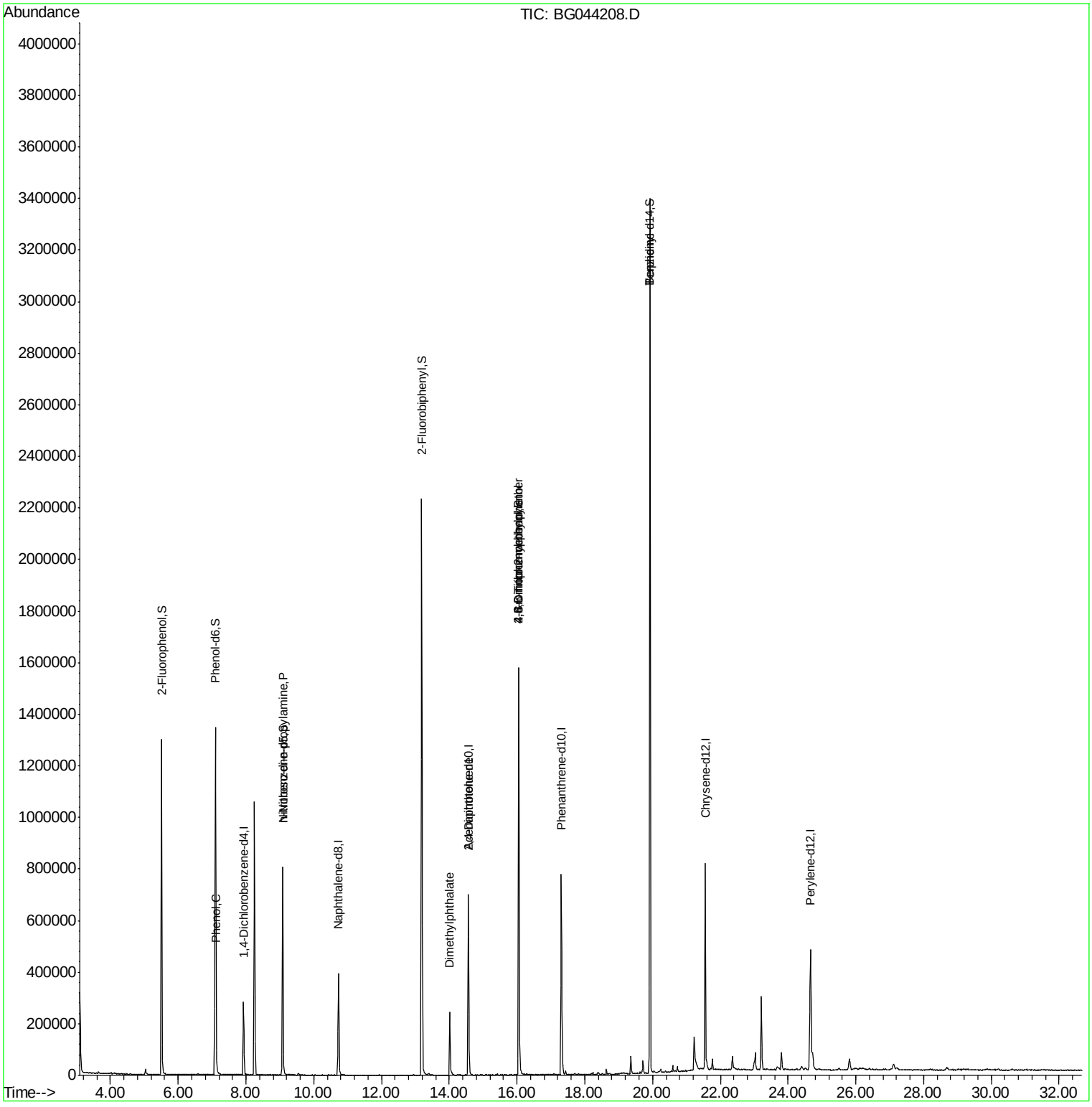
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012420\

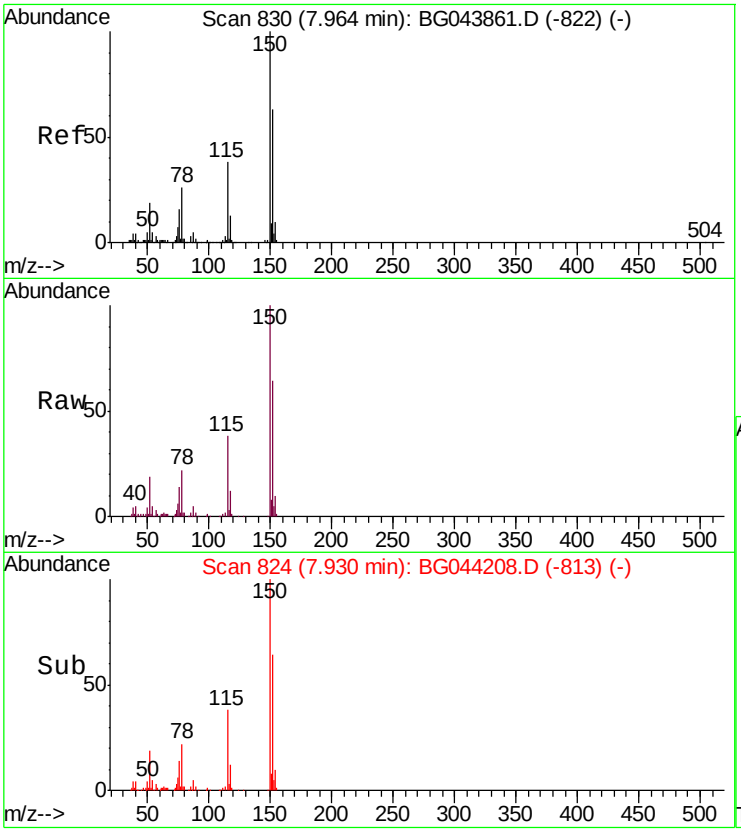
Quantitation Report (Not Reviewed)

Data File : BG044208.D
Acq On : 25 Jan 2020 8:59
Operator : CG/JU
Sample : L1247-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10-9-COMP

Quant Time: Jan 27 00:53:20 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



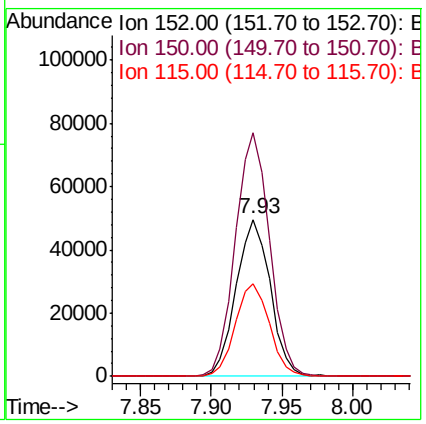


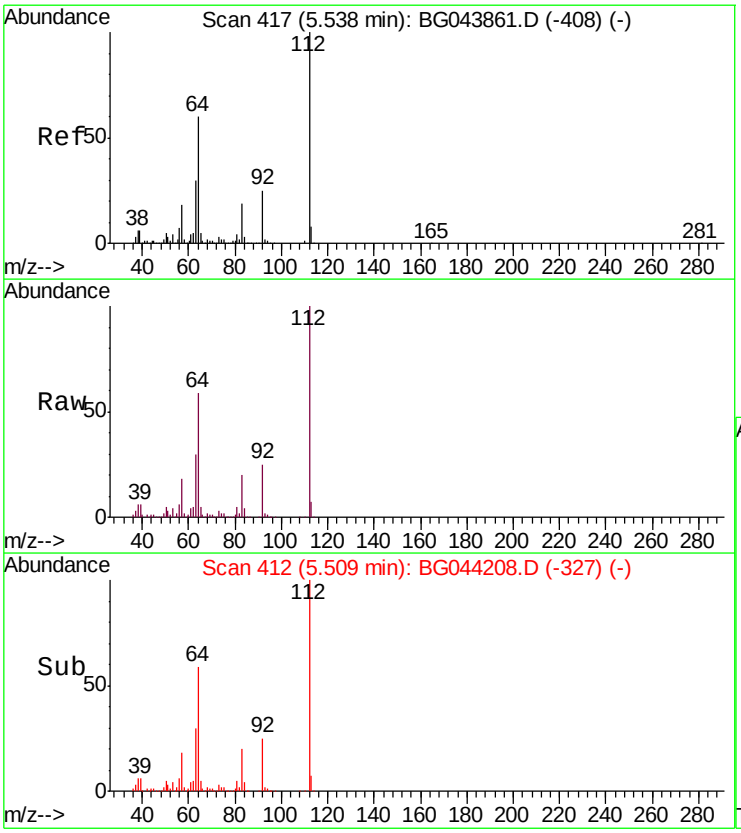
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:152 Resp: 83936

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.0	190.4
115	59.2	47.8	71.8

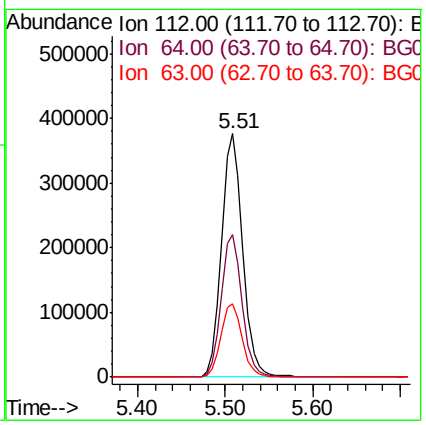


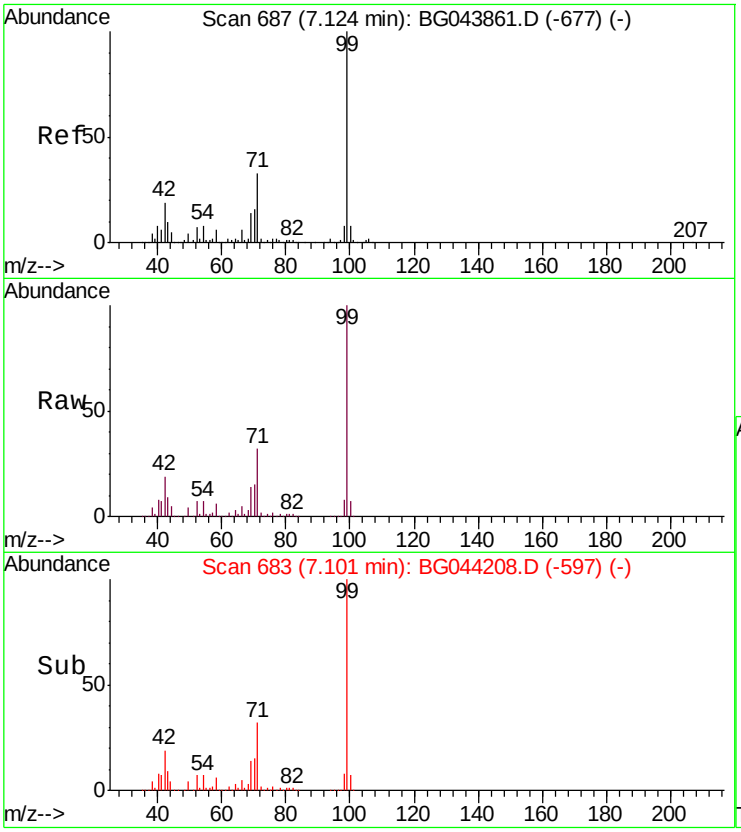


#5
2-Fluorophenol
Concen: 137.308 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:112 Resp: 627685

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.8	71.6
63	30.2	24.3	36.5



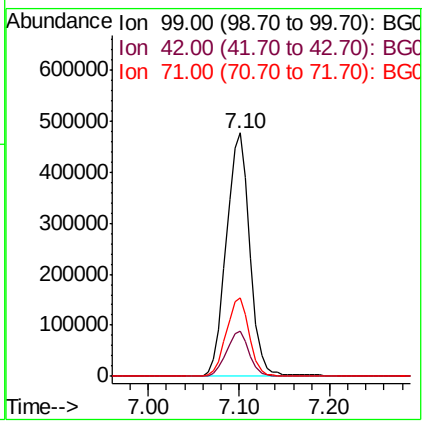


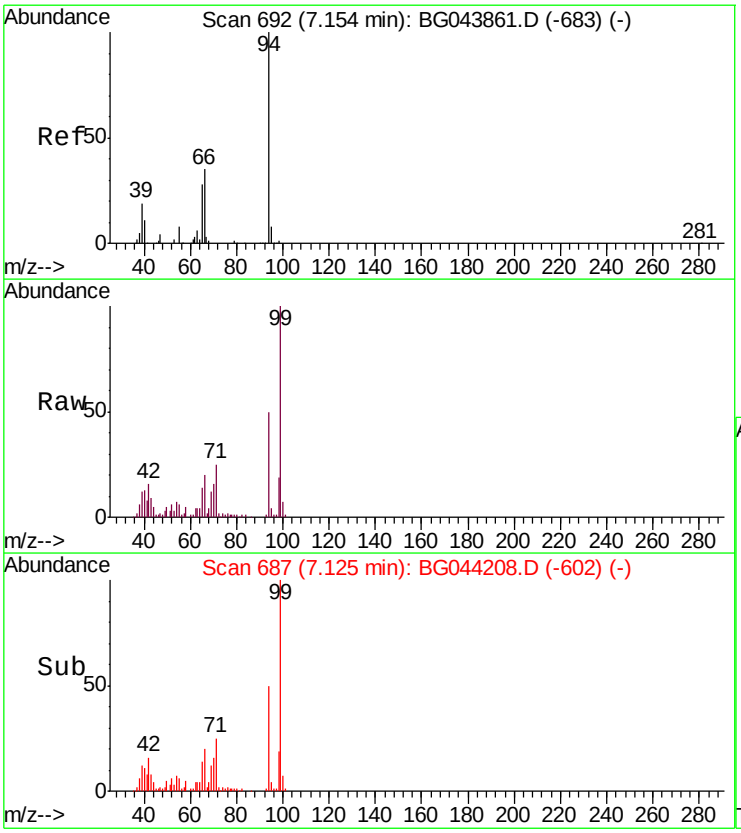
#7
Phenol-d6
Concen: 134.865 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion: 99 Resp: 861779

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	32.3	26.4	39.6

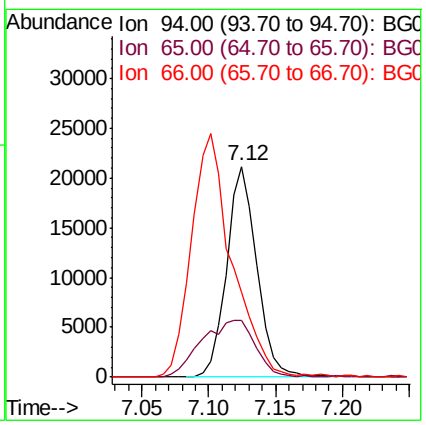


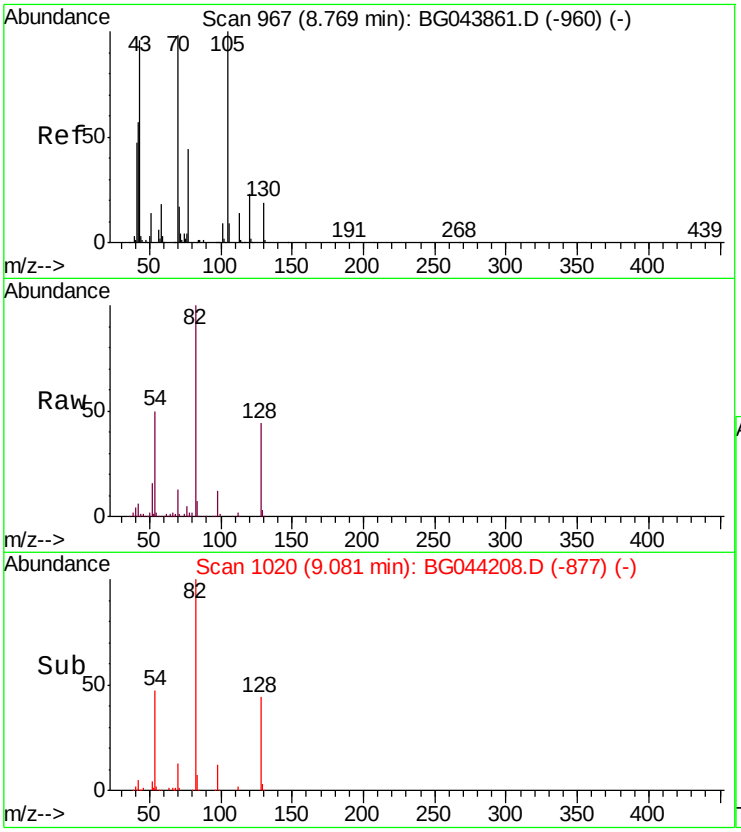


#10
Phenol
Concen: 5.072 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion: 94 Resp: 33394

Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.1	48.1
66	40.5	15.6	55.6



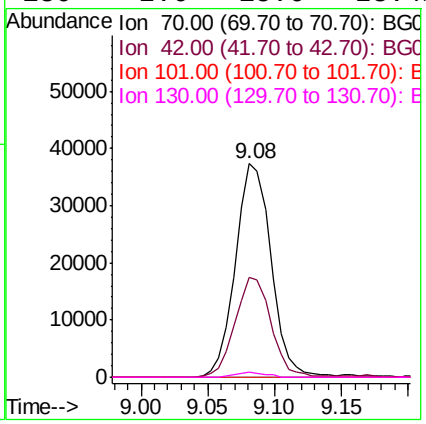


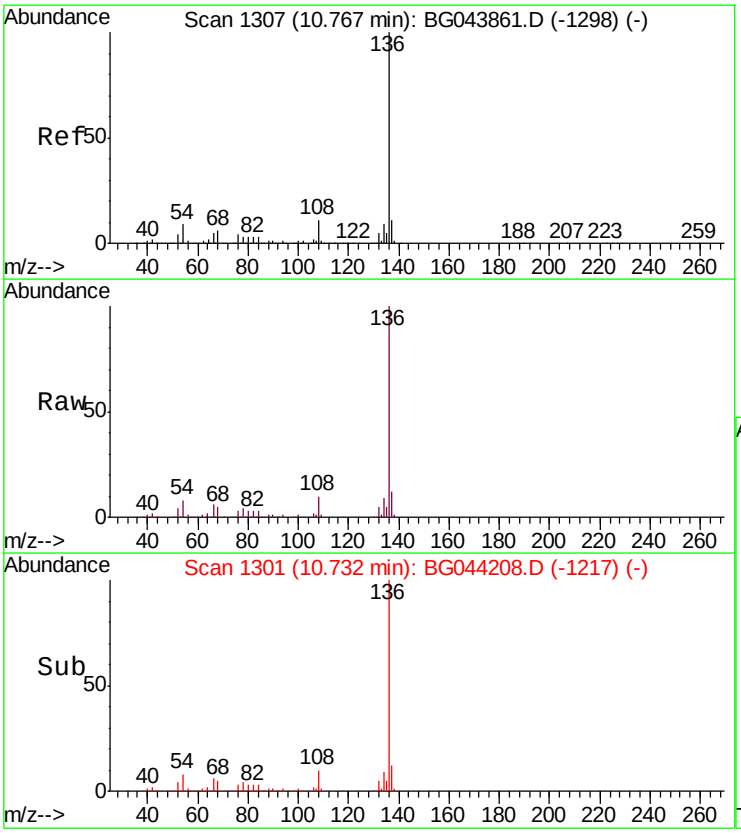
#19
n-Nitroso-di-n-propylamine
Concen: 14.503 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion: 70 Resp: 69015

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.0	70.4#
101	0.0	7.2	10.8#
130	2.6	15.6	23.4#

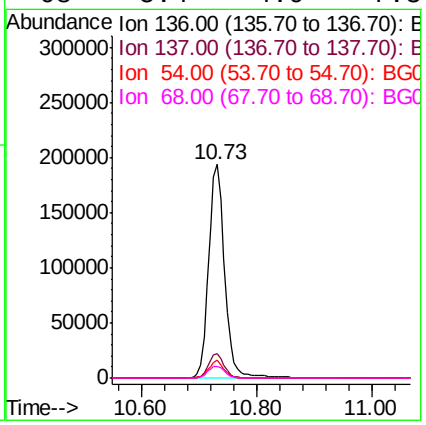


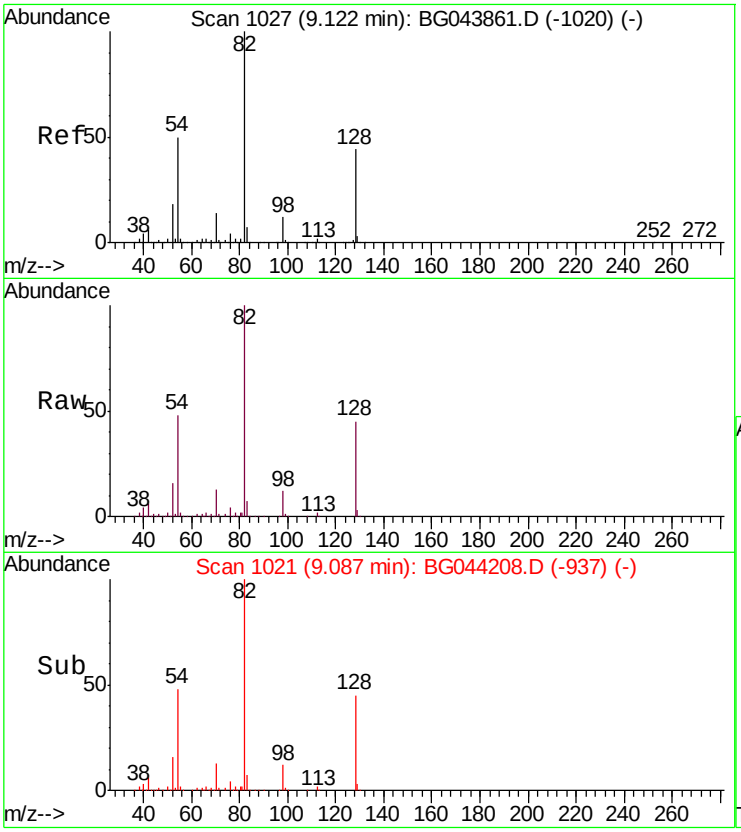


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:136 Resp: 375257

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.2	7.0	10.4
68	5.4	4.9	7.3



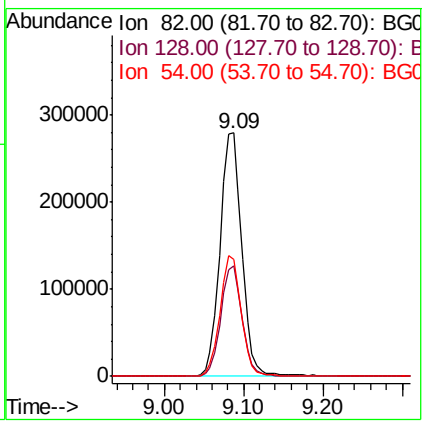


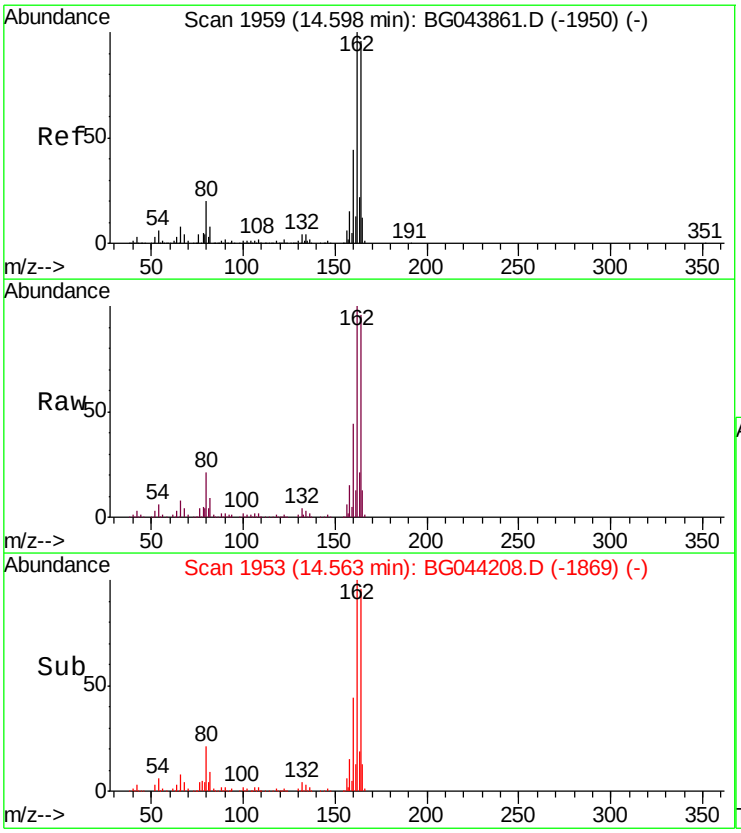
#23
Nitrobenzene-d5
Concen: 75.896 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion: 82 Resp: 532388

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	48.1	40.1	60.1

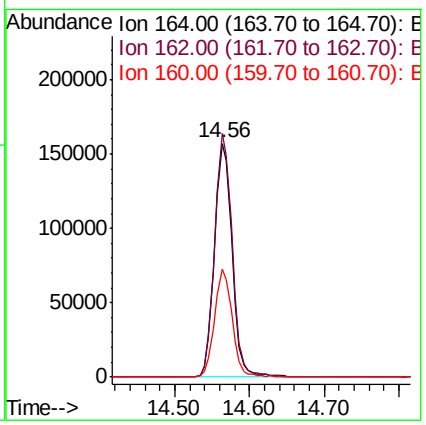


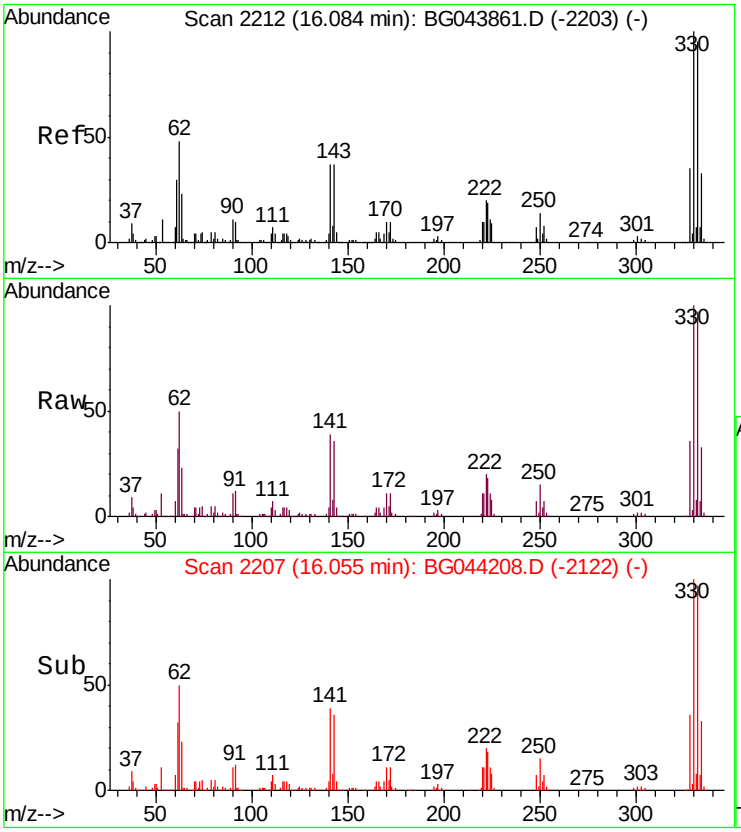


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:164 Resp: 256760

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	46.0	36.1	54.1



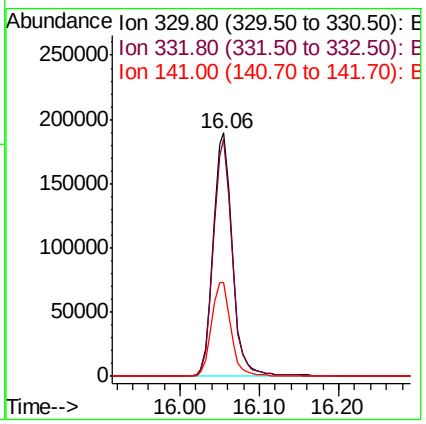


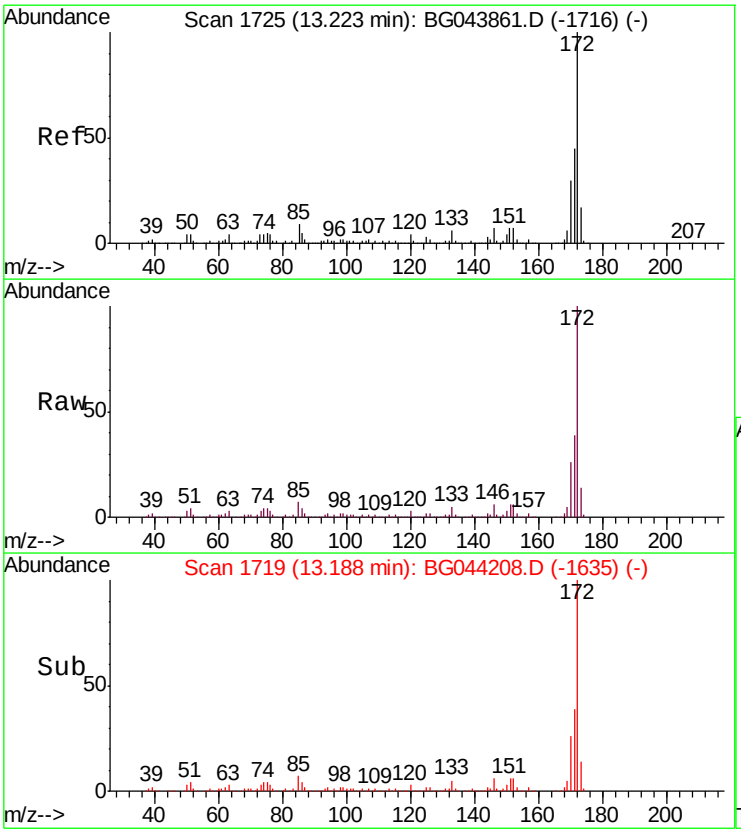
#42
2,4,6-Tribromophenol
Concen: 118.081 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:330 Resp: 317277

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	39.3	33.1	49.7

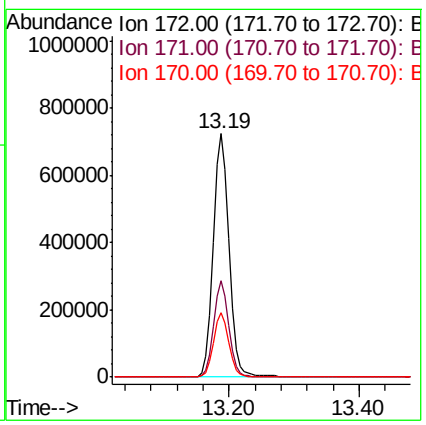


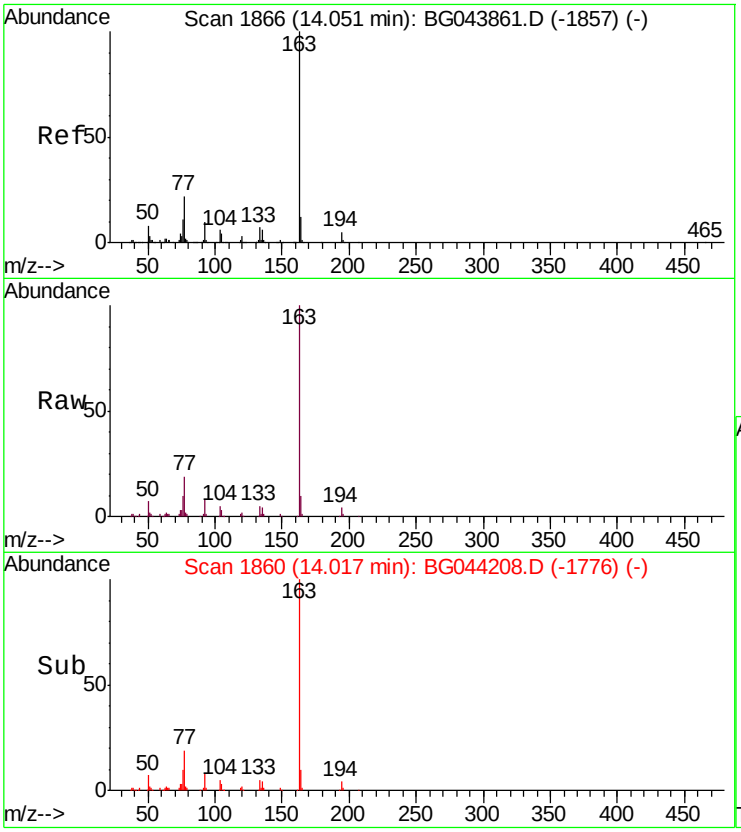


#45
2-Fluorobiphenyl
Concen: 86.010 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:172 Resp: 1218915

Ion	Ratio	Lower	Upper
172	100		
171	39.5	35.8	53.8
170	26.5	24.2	36.4



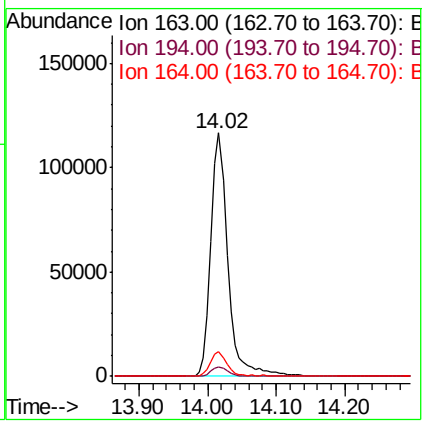


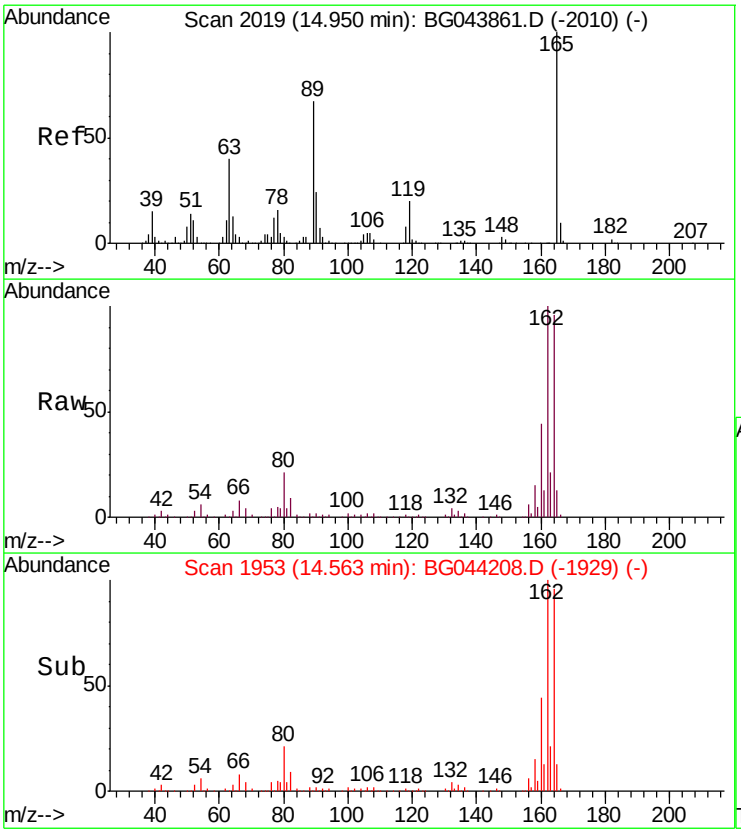
#50
Dimethylphthalate
Concen: 11.077 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:163 Resp: 201946

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.0	9.3	13.9

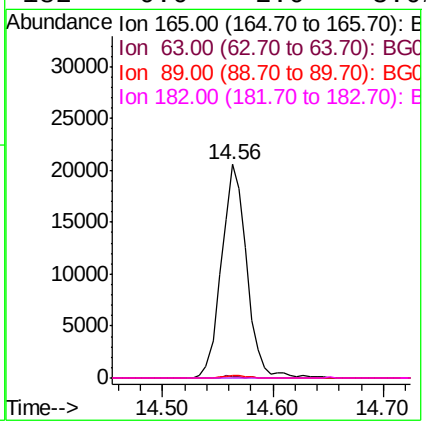


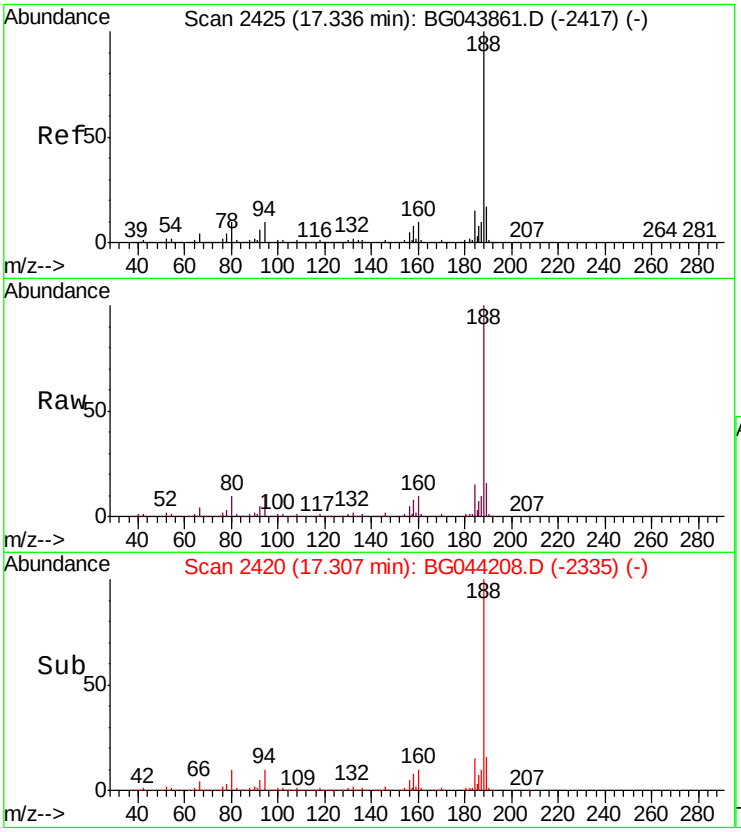


#57
2,4-Dinitrotoluene
Concen: 5.876 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:165 Resp: 32945

Ion	Ratio	Lower	Upper
165	100		
63	0.8	31.9	47.9#
89	1.5	53.8	80.6#
182	0.0	2.0	3.0#



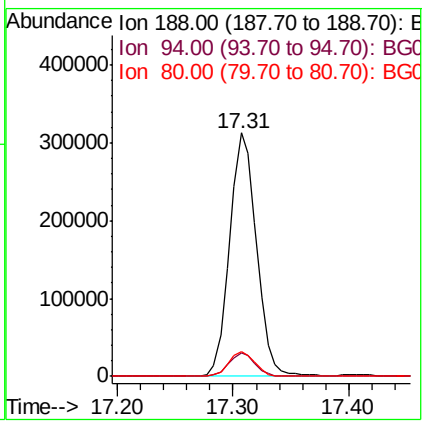


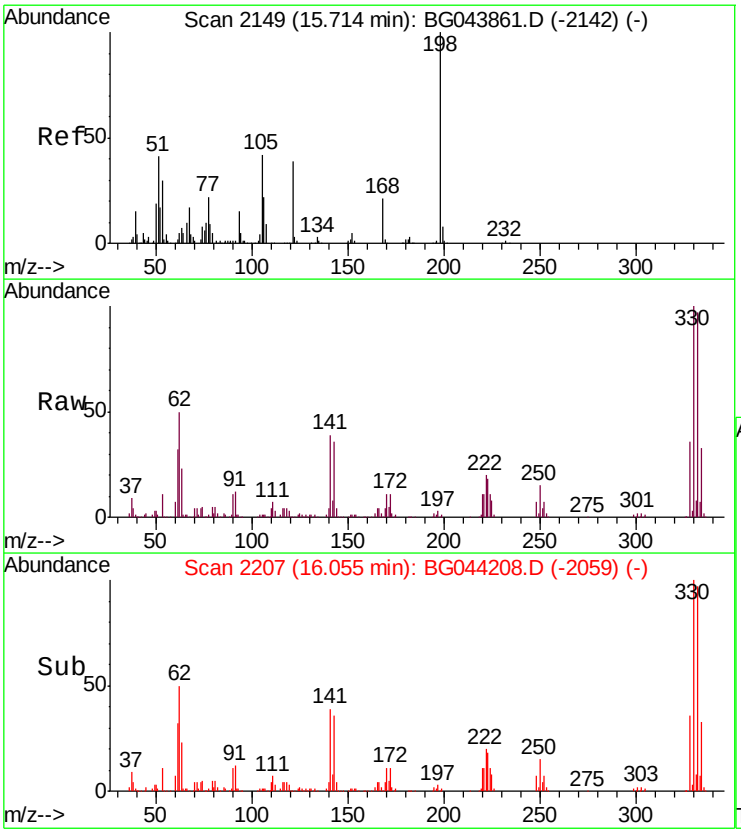
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:188 Resp: 505246

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.0	8.2	12.4

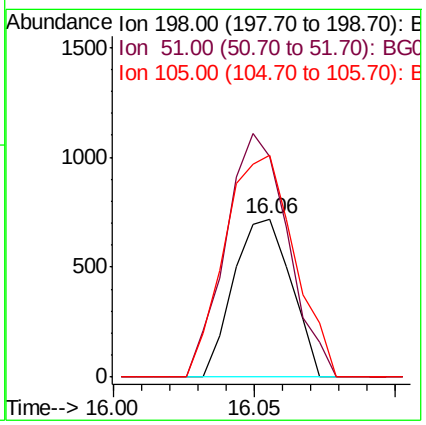


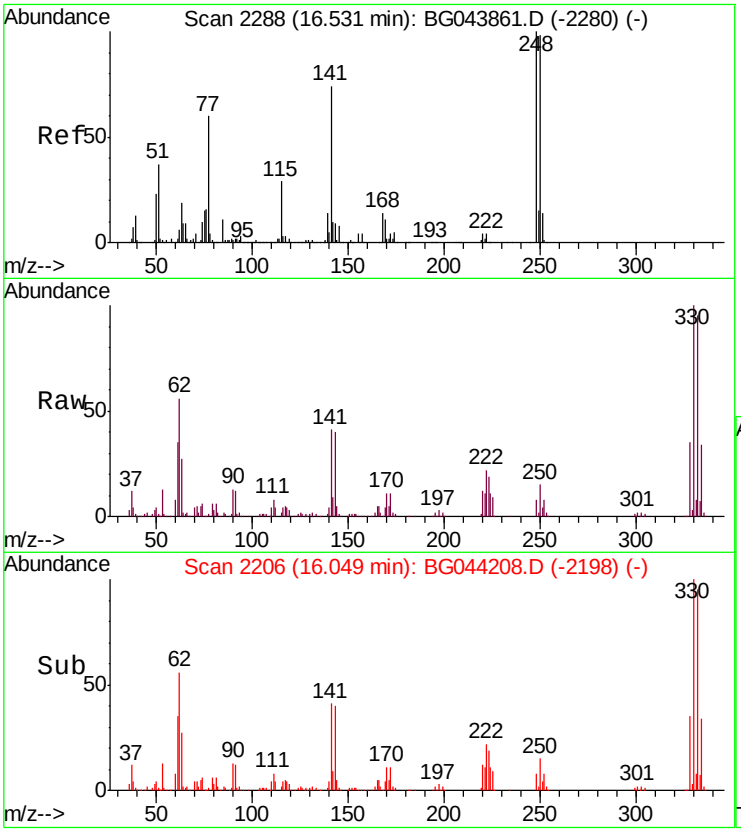


#65
4,6-Dinitro-2-methylphenol
Concen: 4.743 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:198 Resp: 1011

Ion	Ratio	Lower	Upper
198	100		
51	139.2	22.5	62.5#
105	140.1	22.3	62.3#



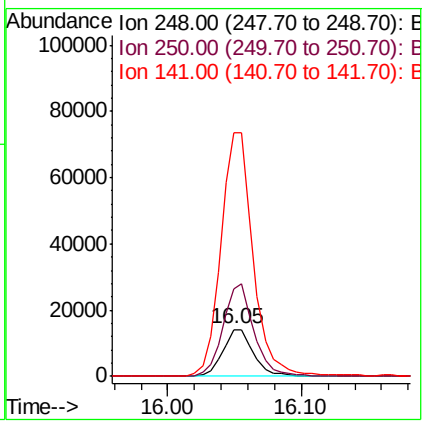


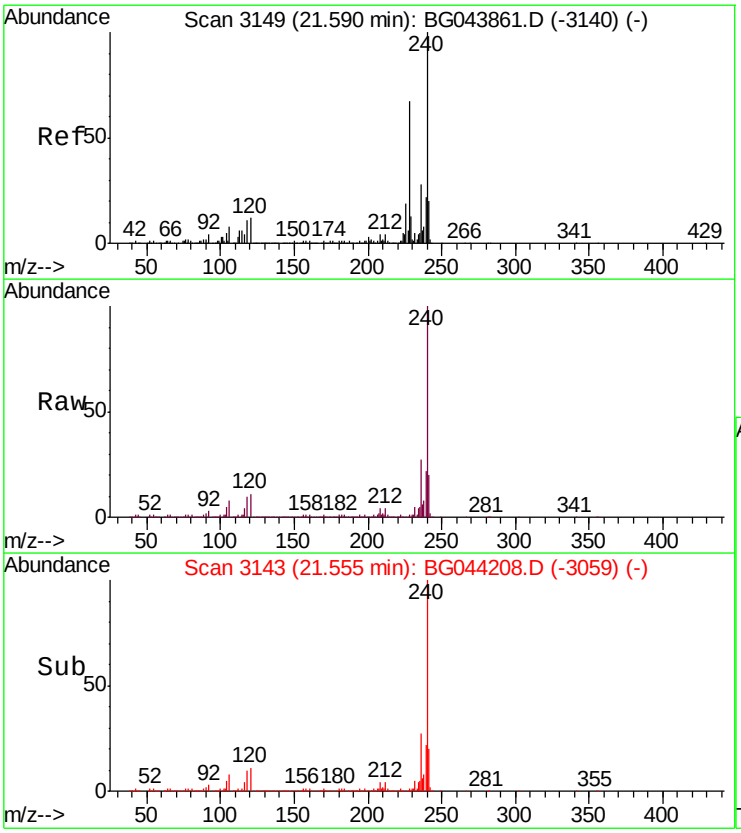
#67
4-Bromophenyl-phenylether
Concen: 3.969 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.48 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:248 Resp: 22556

Ion	Ratio	Lower	Upper
248	100		
250	187.9	78.2	117.2#
141	519.8	59.3	88.9#

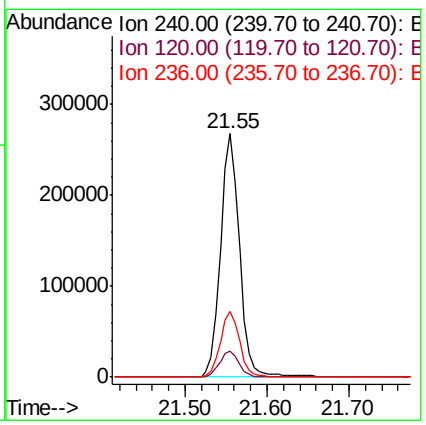


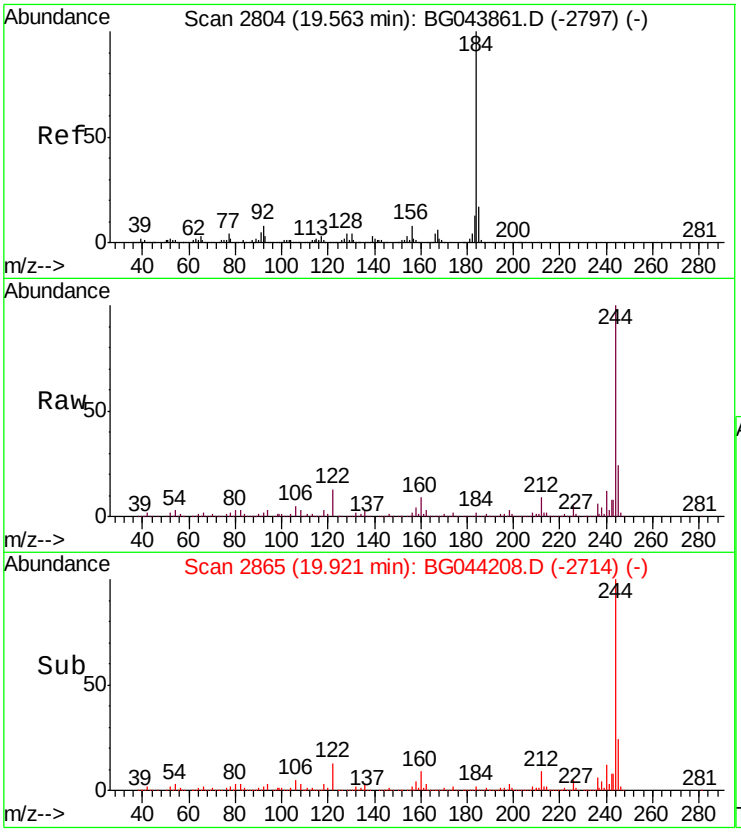


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:240 Resp: 431815

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	27.0	22.2	33.2



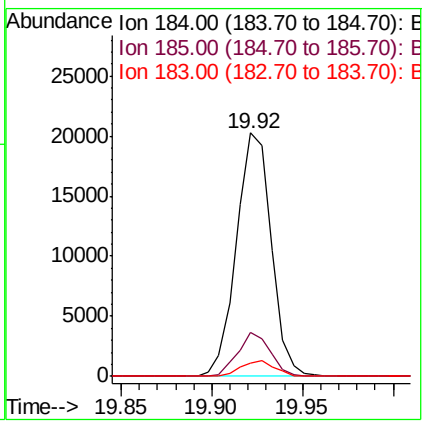


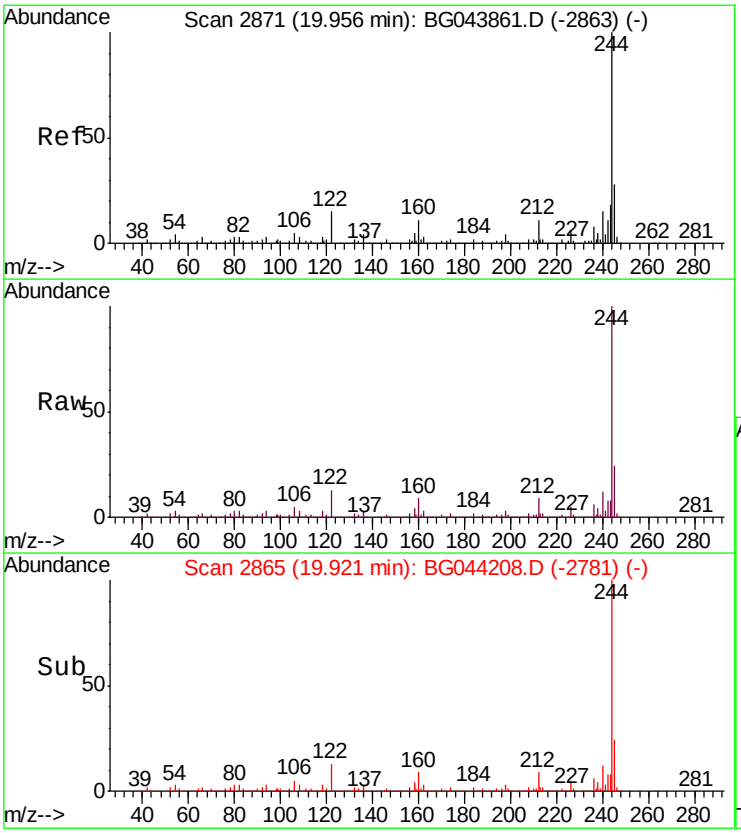
#77
Benzidine
Concen: 2.489 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:184 Resp: 27019

Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.4	20.0
183	5.4	10.6	15.8#

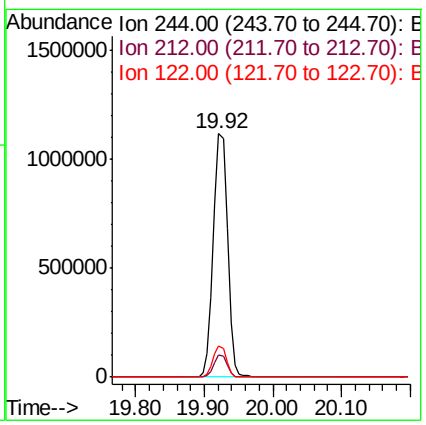


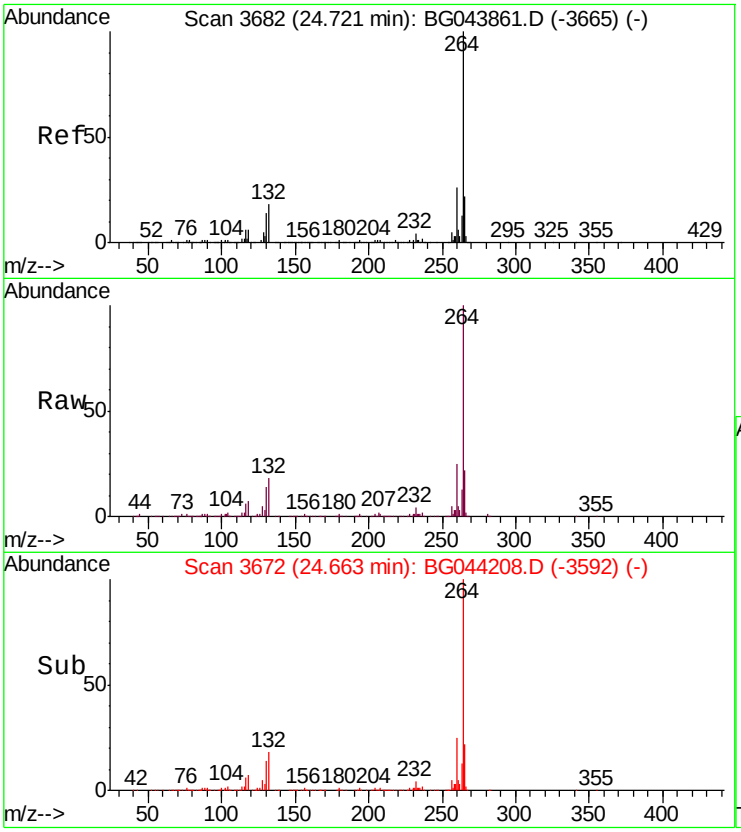


#79
Terphenyl-d14
Concen: 91.697 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Tgt Ion:244 Resp: 1608981

Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.6	13.0
122	12.9	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044208.D
Acq: 25 Jan 2020 8:59

Instrument :
BNA_G
ClientSampleId :
TP-10-9-COMP

Tgt Ion:264 Resp: 481889

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.2	17.4	26.2