Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044128.D
Acq On : 21 Jan 2020 11:28
Operator : JU
Sample : L1162-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-5-(SETTLED)

Quant Time: Jan 21 12:14:47 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	88457	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	397295	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	266565	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	528935	20.00	ng		-0.02
76) Chrysene-d12	21.55	240	447620	20.00	ng		-0.04
87) Perylene-d12	24.66	264	498217	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	367627	76.31	ng		-0.03
7) Phenol-d6	7.10	99	326321	48.46	ng		-0.02
23) Nitrobenzene-d5	9.09	82	633415	85.29	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	409147	146.67	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1463603	99.48	ng		-0.03
79) Terphenyl-d14	19.93	244	1857815	106.74	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	26665	3.84	ng		98
19) n-Nitroso-di-n-propylamine	9.09	70	83526	16.66	ng	#	80
50) Dimethylphthalate	14.02	163	157269	8.31	ng		97
57) 2,4-Dinitrotoluene	14.56	165	35756	6.14	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1687	4.95	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	28781	4.84	ng	#	1
77) Benzidine	19.93	184	34253	3.04	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044128.D
Acq On : 21 Jan 2020 11:28
Operator : JU
Sample : L1162-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Quant Time: Jan 21 12:14:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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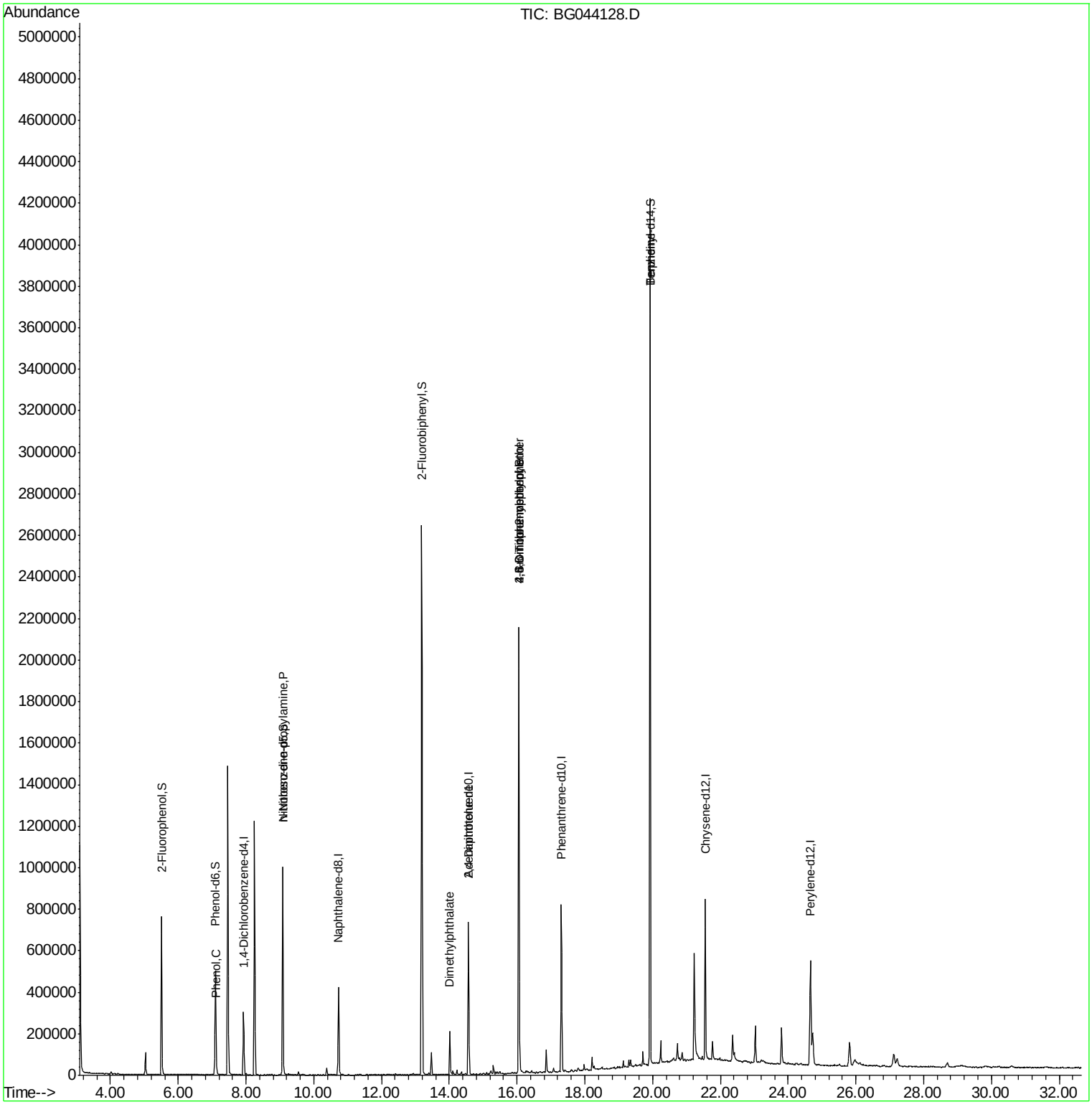
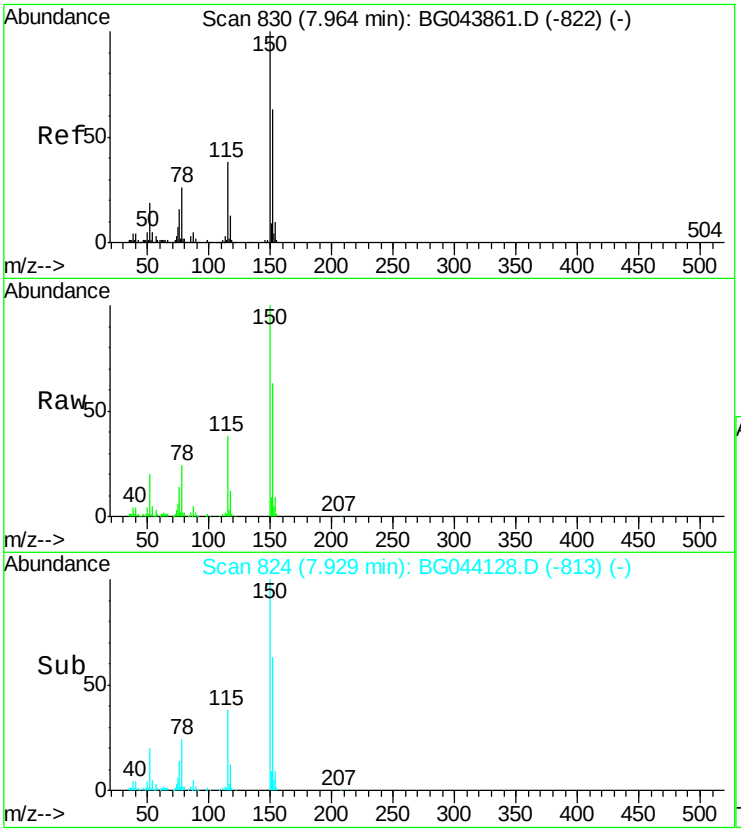


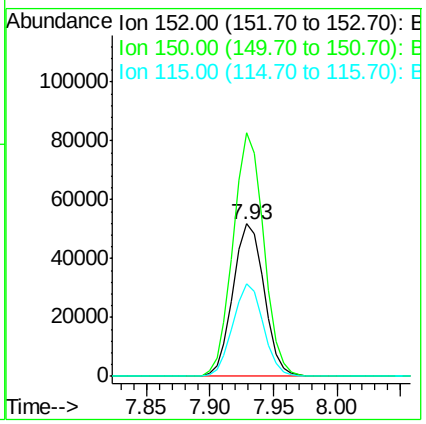


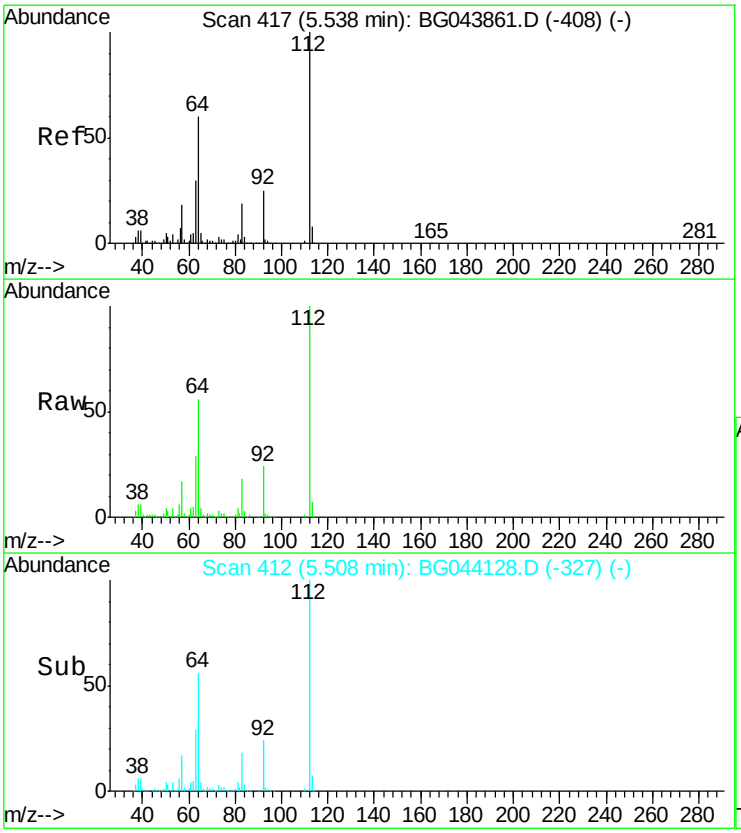
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:152 Resp: 88457

Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.0	190.4
115	60.8	47.8	71.8

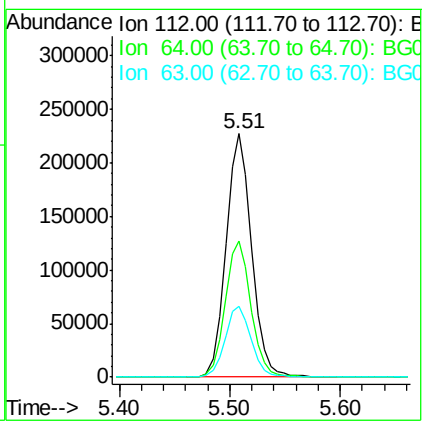


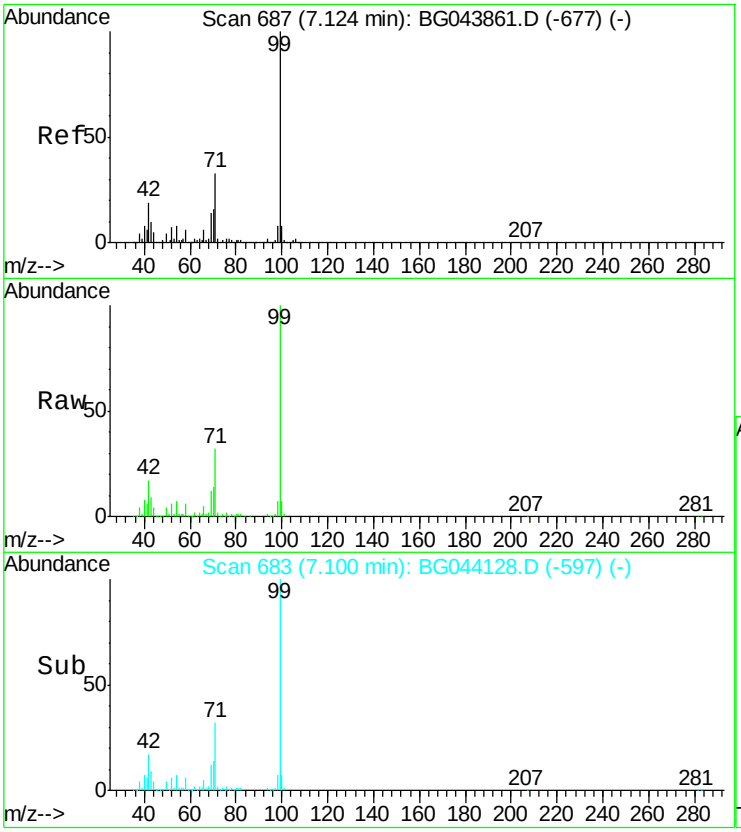


#5
2-Fluorophenol
Concen: 76.31 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:112 Resp: 367627

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.8	71.6
63	29.2	24.3	36.5



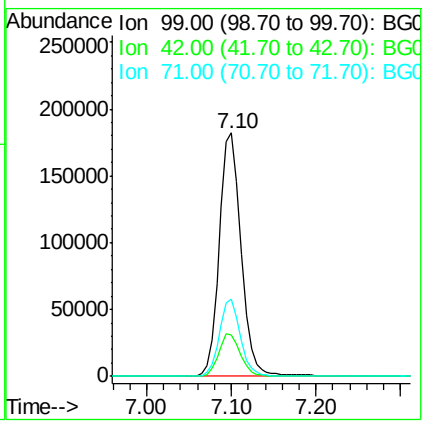


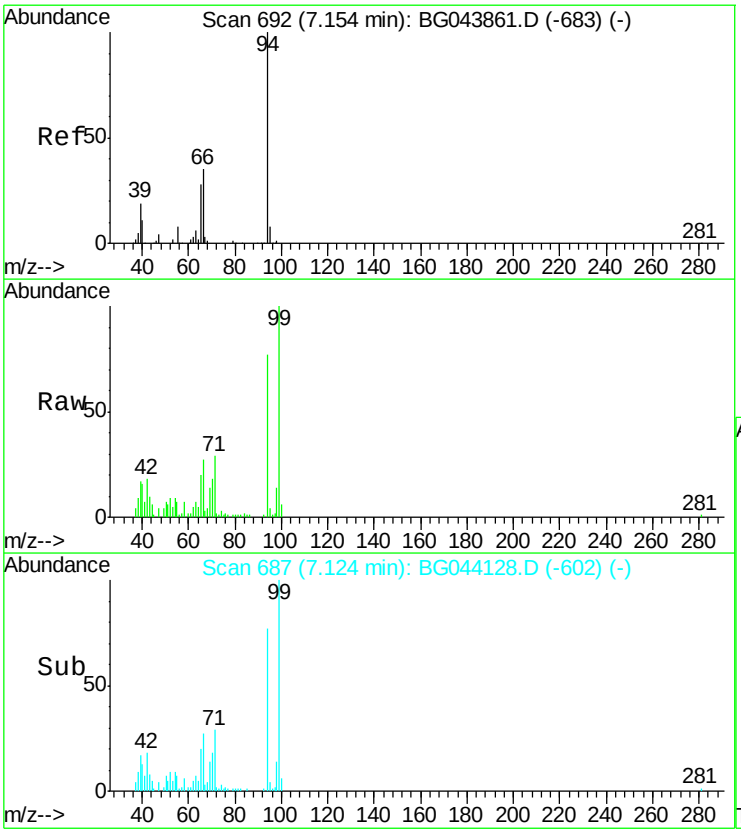
#7
Phenol-d6
Concen: 48.46 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion: 99 Resp: 326321

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.9	22.3
71	31.7	26.4	39.6

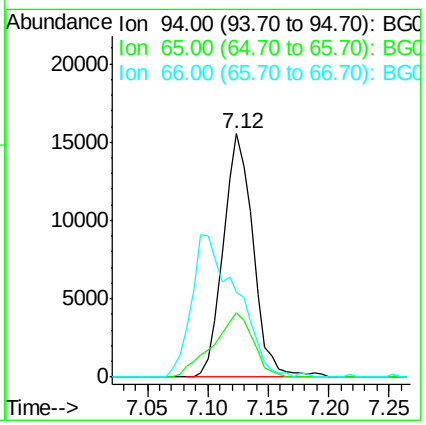


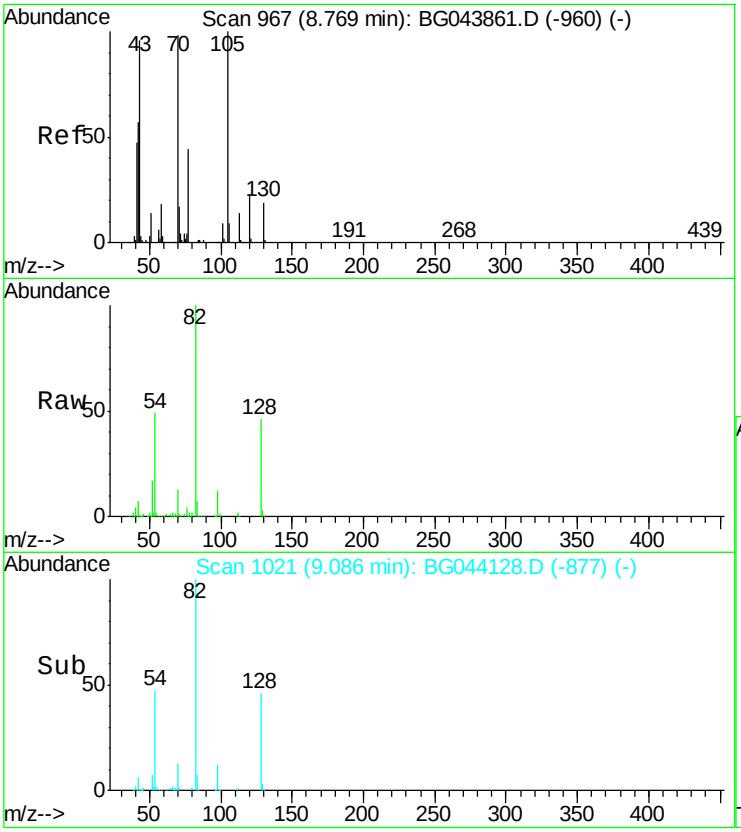


#10
Phenol
Concen: 3.84 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion: 94 Resp: 26665

Ion	Ratio	Lower	Upper
94	100		
65	26.2	8.1	48.1
66	35.0	15.6	55.6



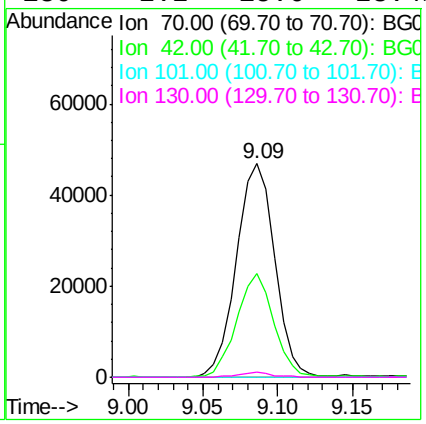


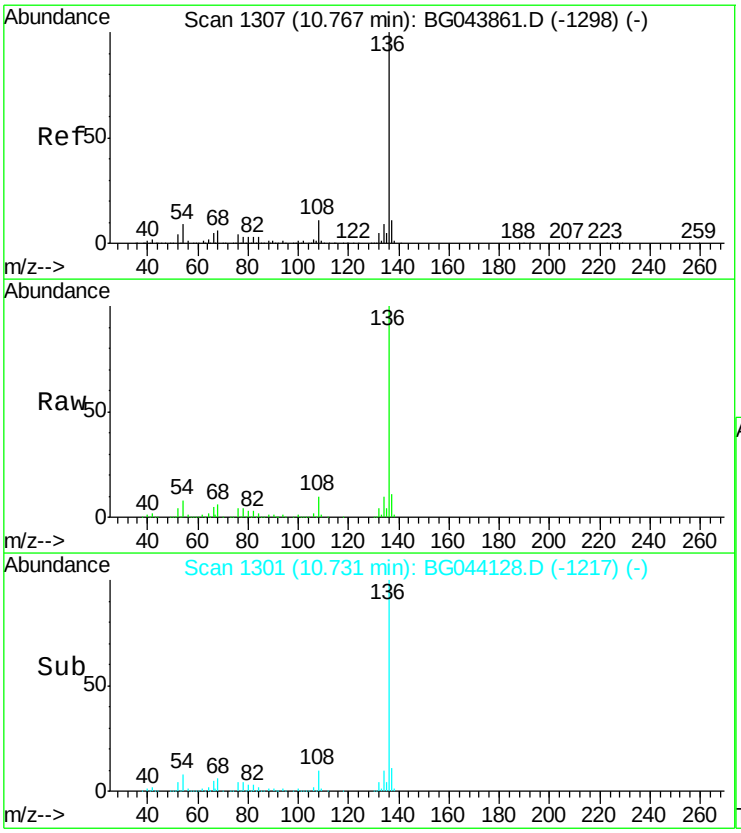
#19
n-Nitroso-di-n-propylamine
Concen: 16.66 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion: 70 Resp: 83526

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.0	70.4
101	0.0	7.2	10.8#
130	2.2	15.6	23.4#

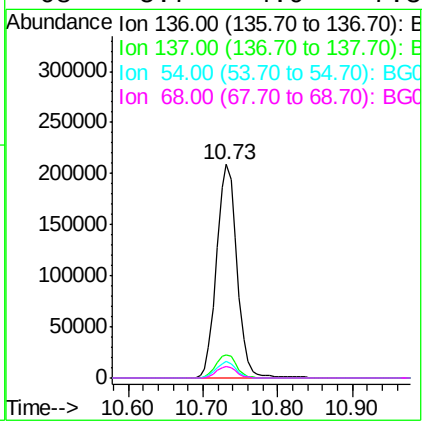


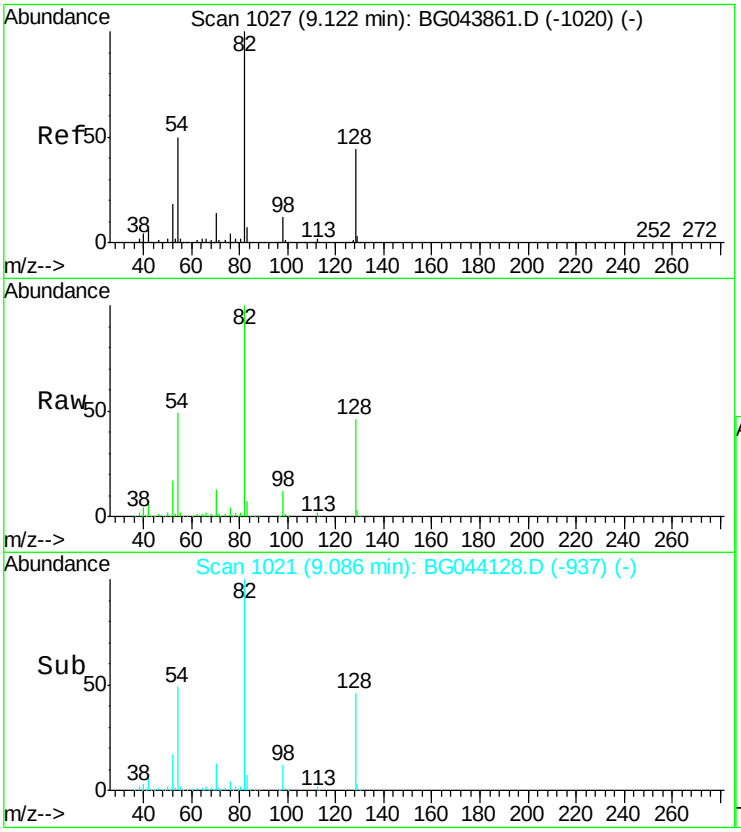


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:136 Resp: 397295

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.0	10.4
68	5.7	4.9	7.3



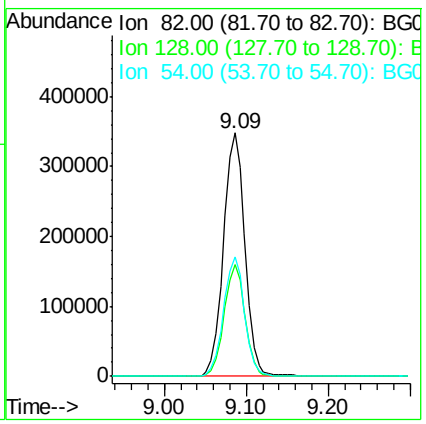


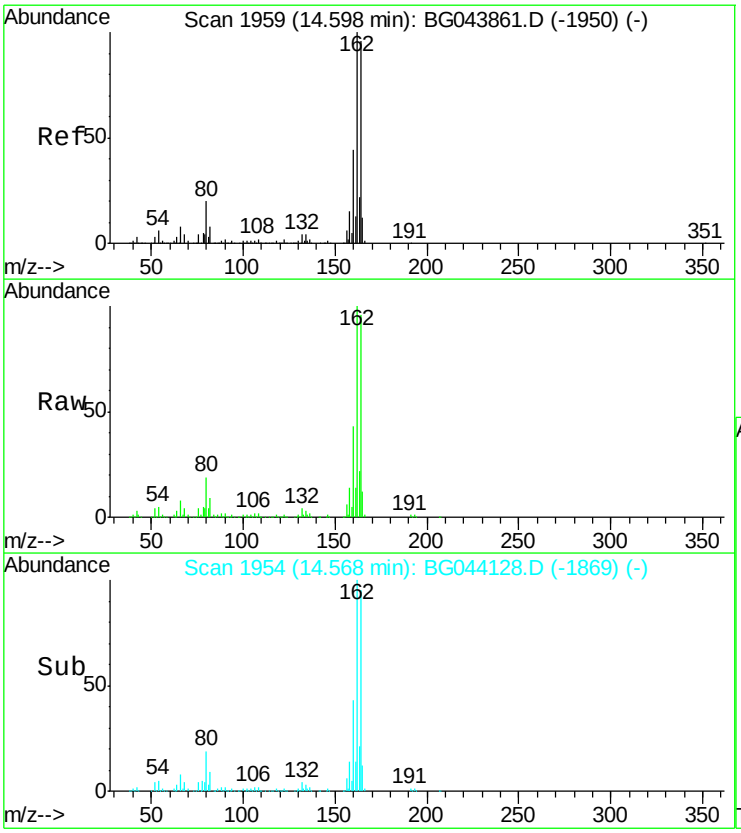
#23
Nitrobenzene-d5
Concen: 85.29 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion: 82 Resp: 633415

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.1	52.7
54	49.1	40.1	60.1

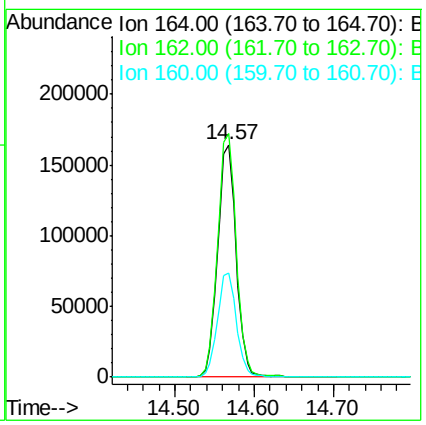


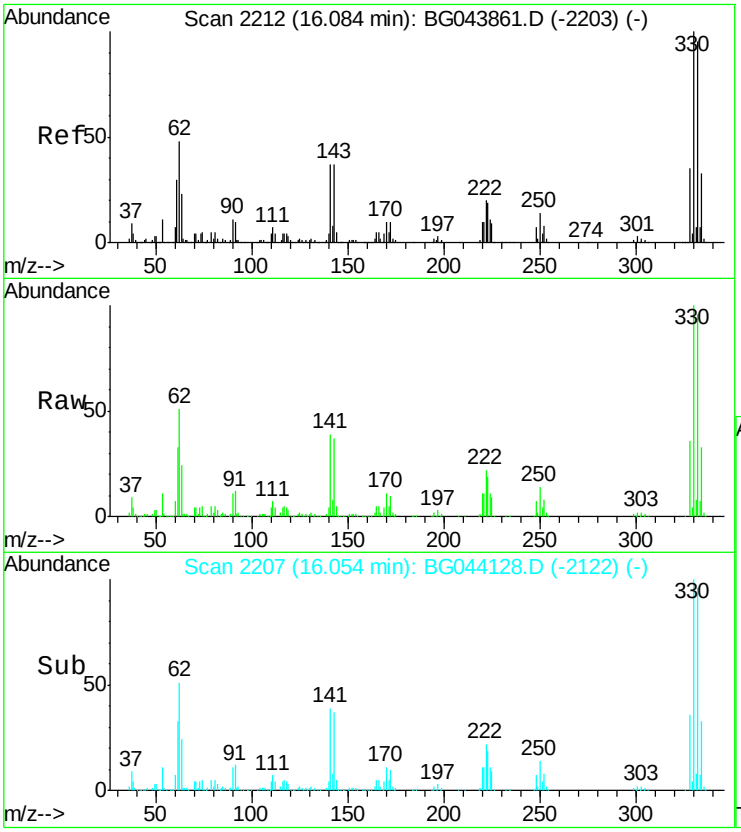


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:164 Resp: 266565

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	44.9	36.1	54.1



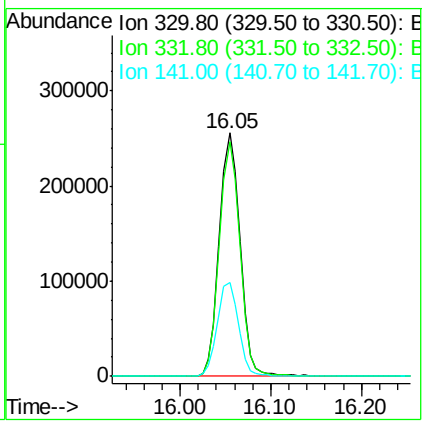


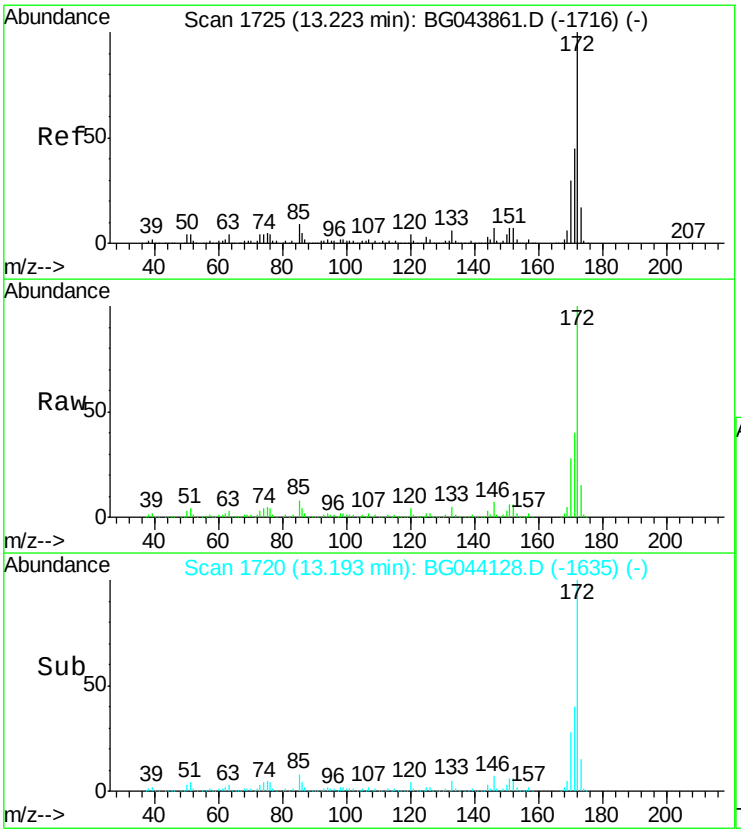
#42
2,4,6-Tribromophenol
Concen: 146.67 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:330 Resp: 409147

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	39.3	33.1	49.7

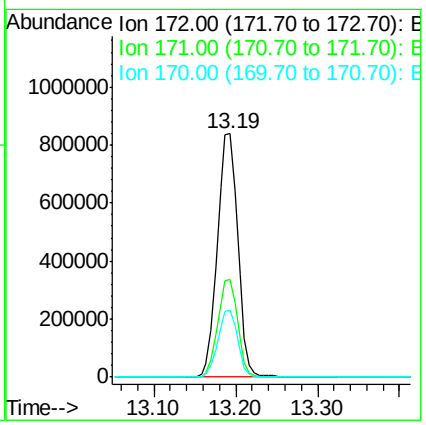


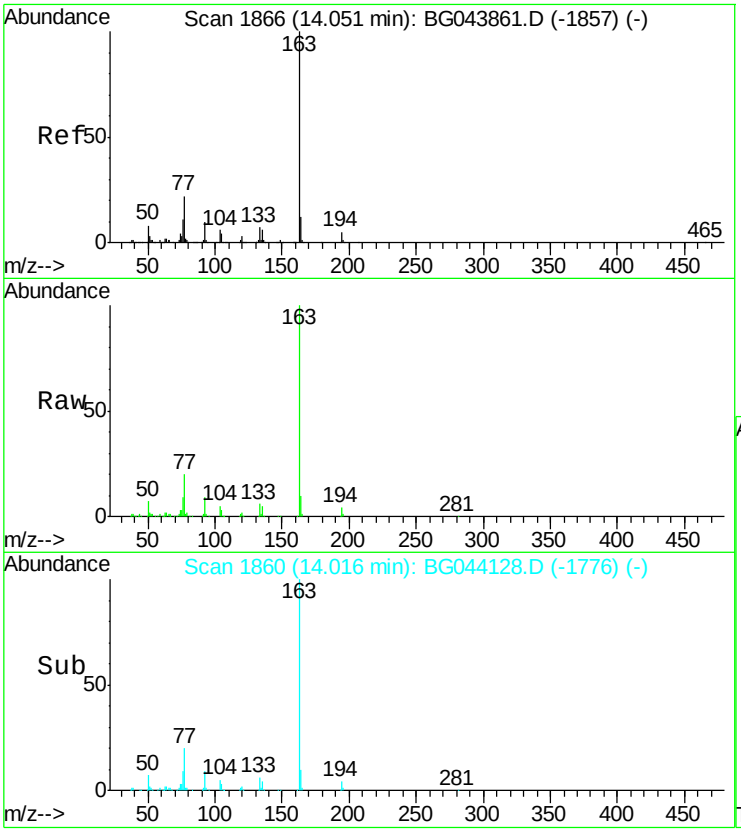


#45
2-Fluorobiphenyl
Concen: 99.48 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:172 Resp: 1463603

Ion	Ratio	Lower	Upper
172	100		
171	40.3	35.8	53.8
170	27.5	24.2	36.4



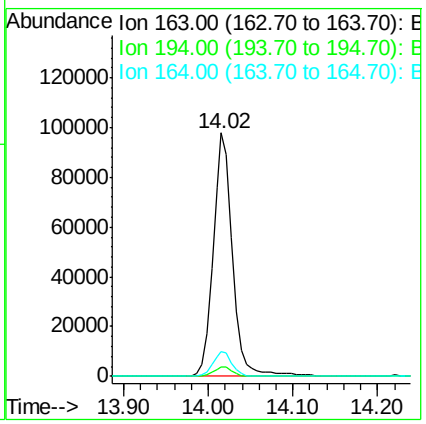


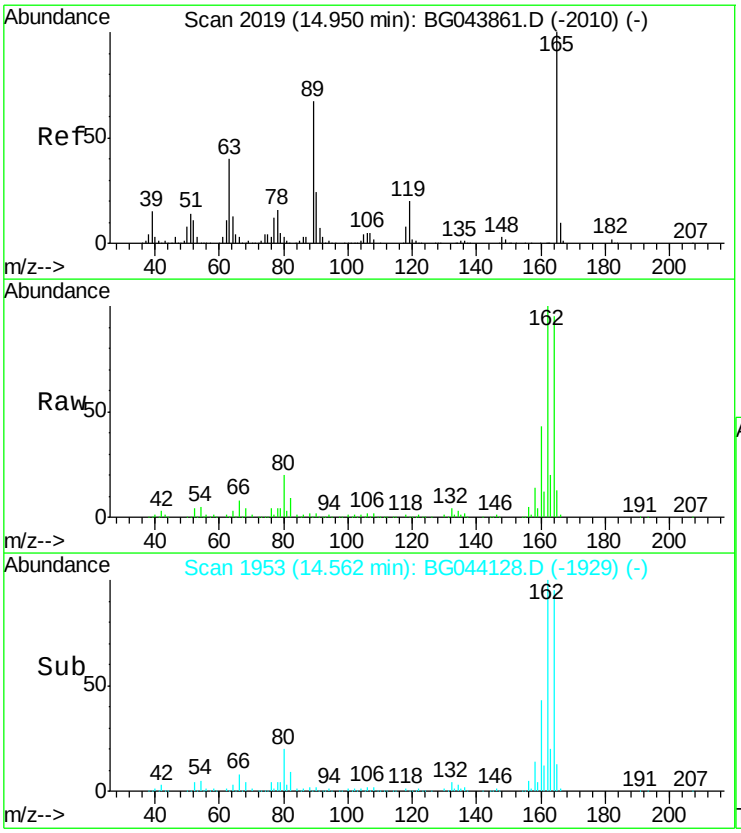
#50
Dimethylphthalate
Concen: 8.31 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:163 Resp: 157269

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.2	9.3	13.9

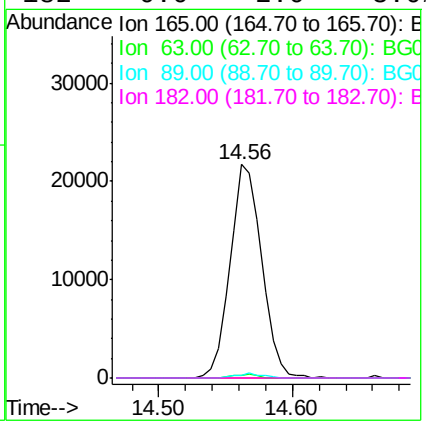


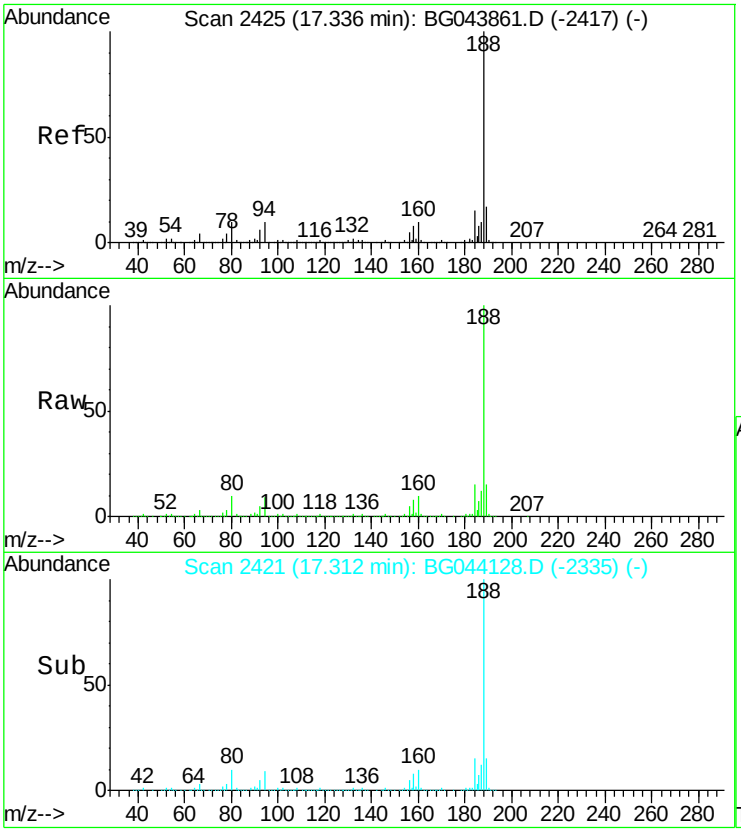


#57
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:165 Resp: 35756

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.5	53.8	80.6#
182	0.0	2.0	3.0#



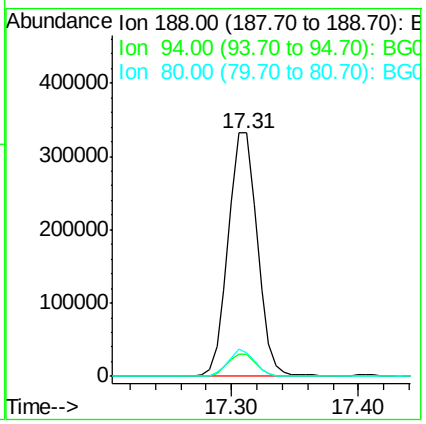


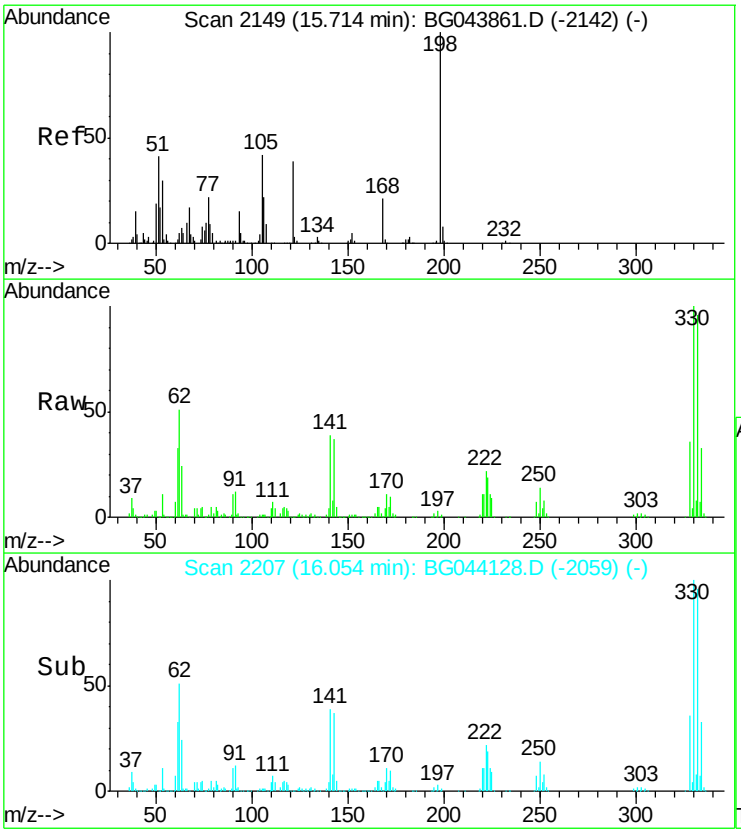
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:188 Resp: 528935

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.8	8.2	12.4

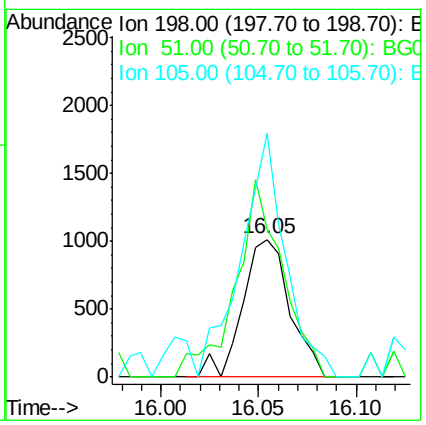


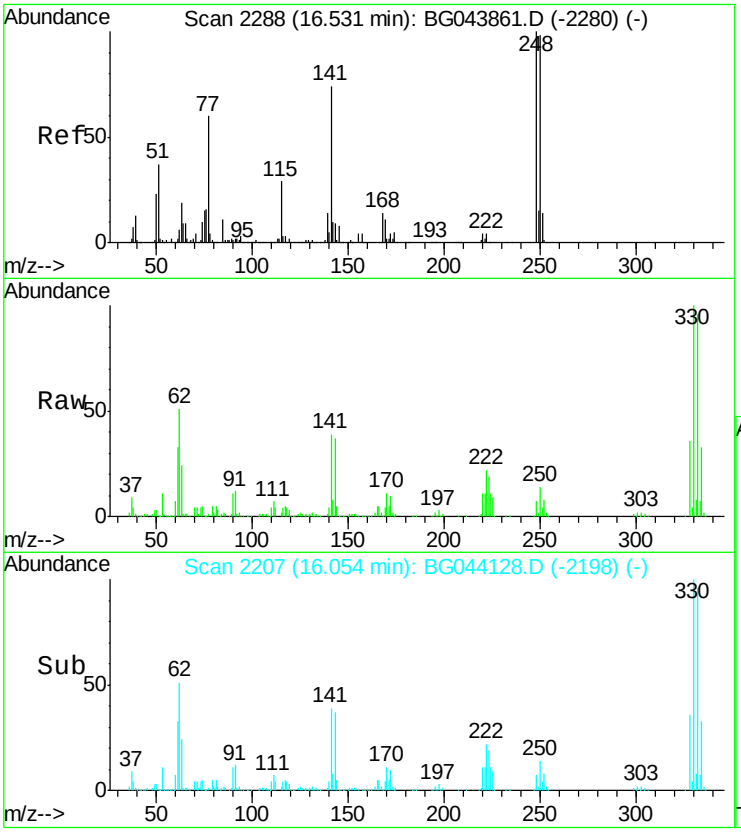


#65
4,6-Dinitro-2-methylphenol
Concen: 4.95 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:198 Resp: 1687

Ion	Ratio	Lower	Upper
198	100		
51	106.7	22.5	62.5#
105	176.7	22.3	62.3#



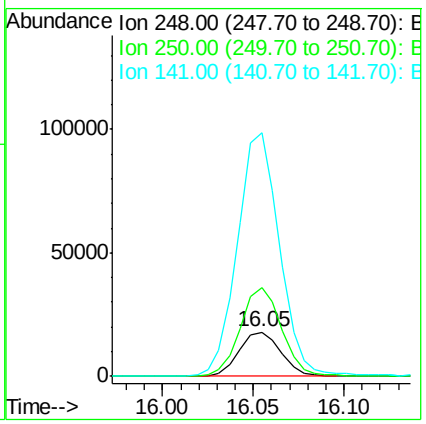


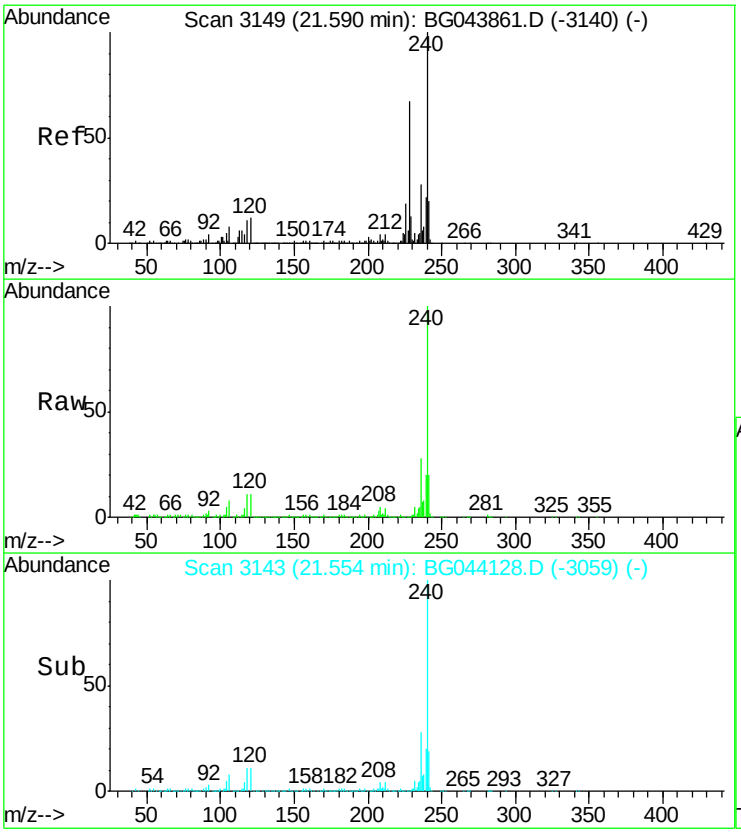
#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:248 Resp: 28781

Ion	Ratio	Lower	Upper
248	100		
250	201.4	78.2	117.2#
141	550.6	59.3	88.9#

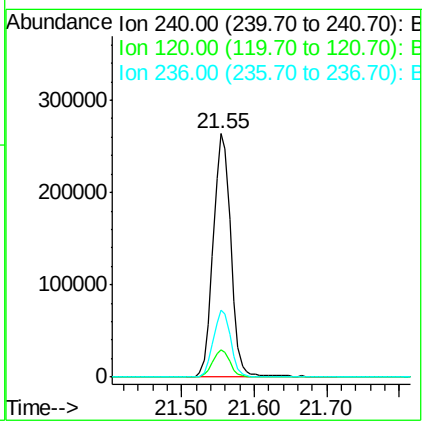


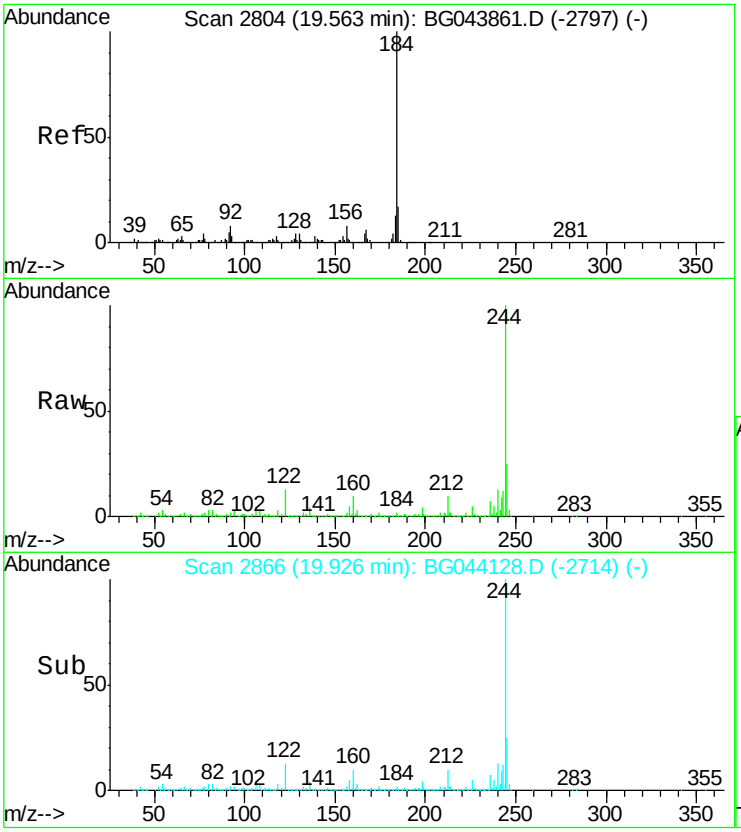


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:240 Resp: 447620

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	27.7	22.2	33.2



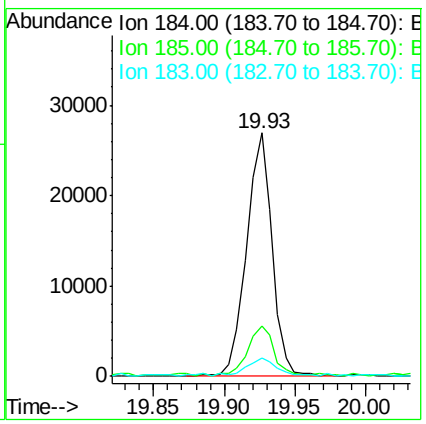


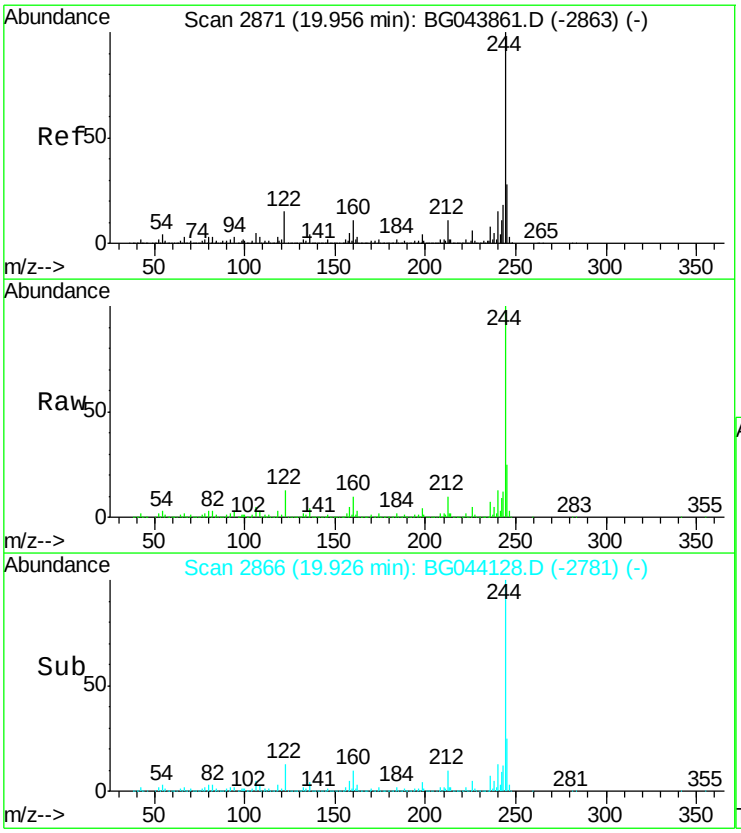
#77
Benzidine
Concen: 3.04 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:184 Resp: 34253

Ion	Ratio	Lower	Upper
184	100		
185	20.8	13.4	20.0#
183	7.6	10.6	15.8#

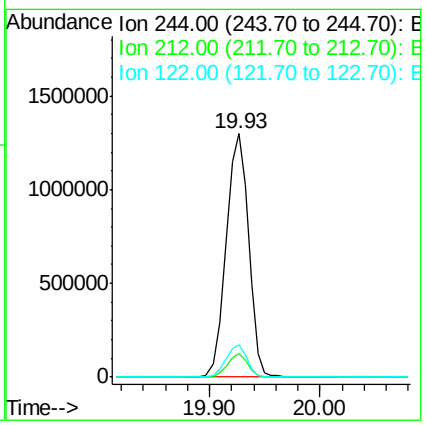


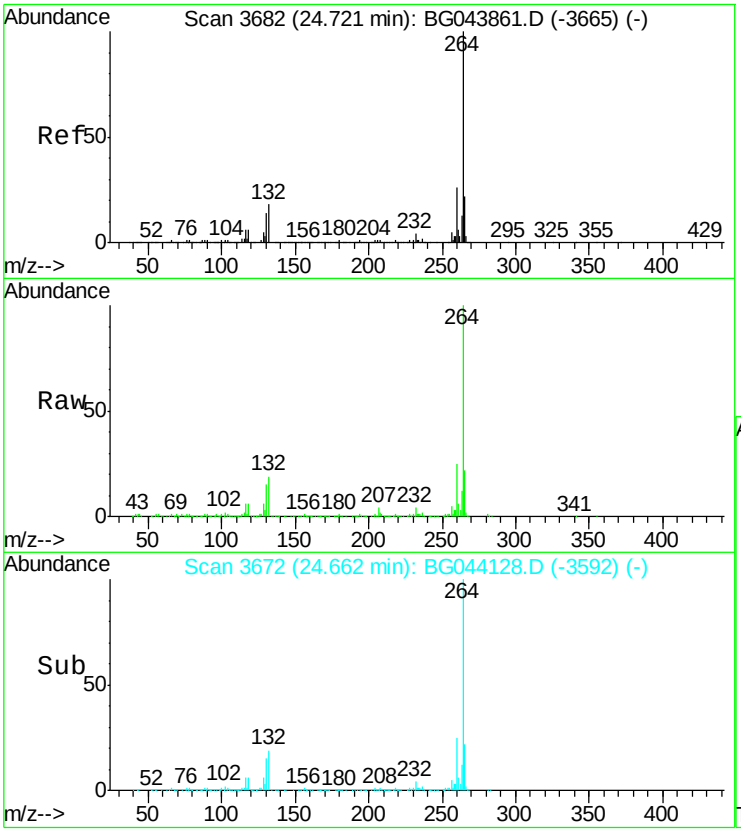


#79
Terphenyl-d14
Concen: 106.74 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Tgt Ion:244 Resp: 1857815

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	13.0
122	13.1	11.9	17.9





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044128.D
Acq: 21 Jan 2020 11:28

Instrument :
BNA_G
ClientSampleId :
MH-5-(SETTLED)

Tgt Ion:264 Resp: 498217

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.0	17.4	26.2