Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043288.D
Acq On : 18 Oct 2019 23:13
Operator : JU
Sample : K5411-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-658

Quant Time: Oct 19 00:36:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48301	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	178447	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	125440	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	281851	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	320506	20.00	ng		-0.01
87) Perylene-d12	24.89	264	375083	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	127651	47.16	ng		-0.02
7) Phenol-d6	7.21	99	114716	29.43	ng		-0.02
23) Nitrobenzene-d5	9.20	82	263788	71.85	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	183101	84.89	ng		-0.01
45) 2-Fluorobiphenyl	13.29	172	696631	80.51	ng		-0.02
79) Terphenyl-d14	20.02	244	1266575	84.21	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	14818	4.144	ng		93
15) Benzyl Alcohol	8.28	79	9113	3.110	ng		89
19) n-Nitroso-di-n-propylamine	9.19	70	37910	14.813	ng	#	69
20) 3+4-Methylphenols	8.83	107	7777	2.268	ng		83
32) Benzoic acid	10.14	122	440	3.069	ng		90
50) Dimethylphthalate	14.11	163	65615	6.981	ng		99
67) 4-Bromophenyl-phenylether	16.15	248	11728	3.315	ng	#	1
71) Phenanthrene	17.45	178	36551	2.656	ng		98
72) Anthracene	17.45	178	36551	2.661	ng		97
74) Di-n-butylphthalate	18.36	149	86864	5.715	ng		100
77) Benzidine	20.01	184	19337	2.410	ng	#	91

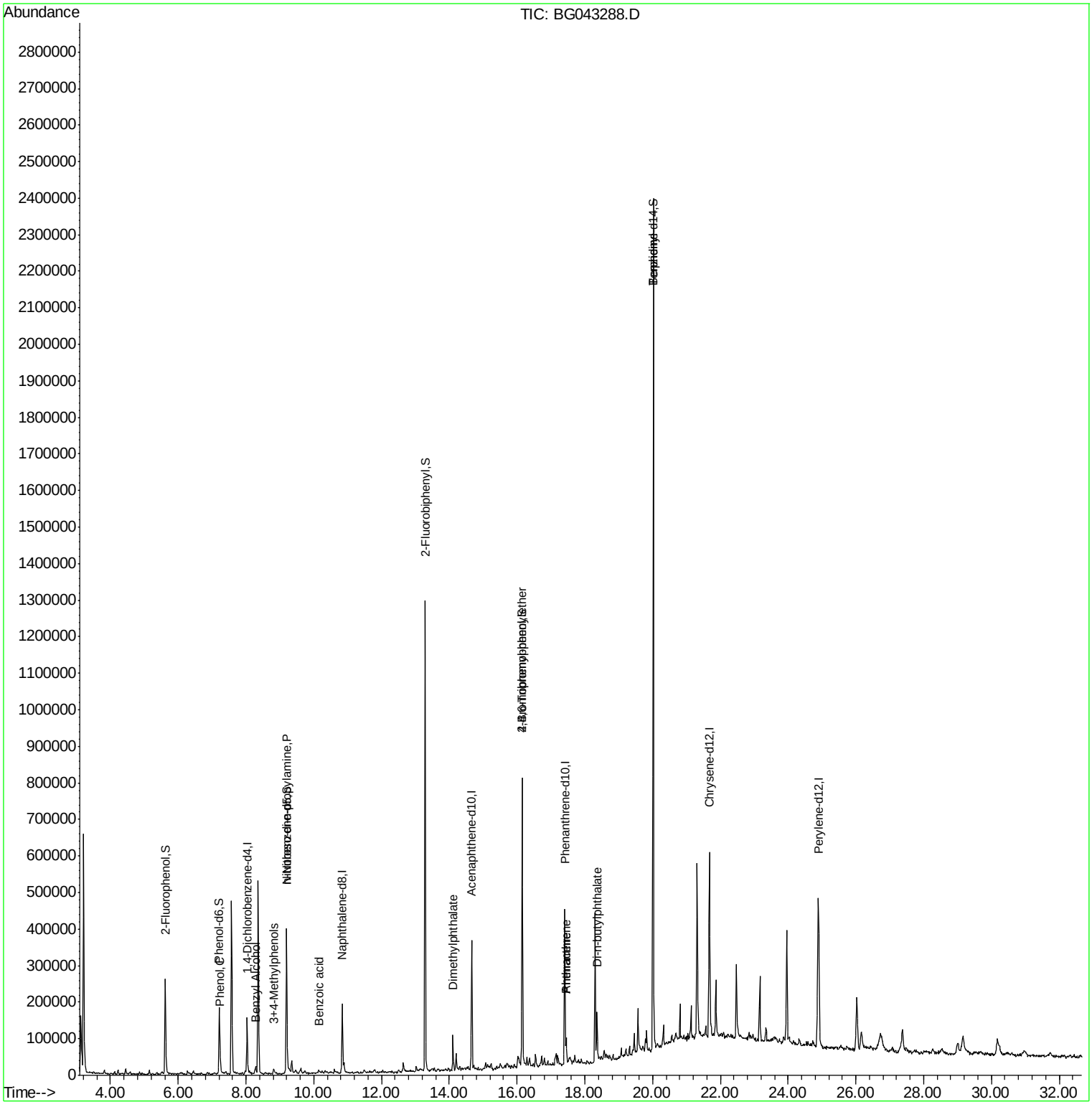
(#) = qualifier out of range (m) = manual integration (+) = signals summed

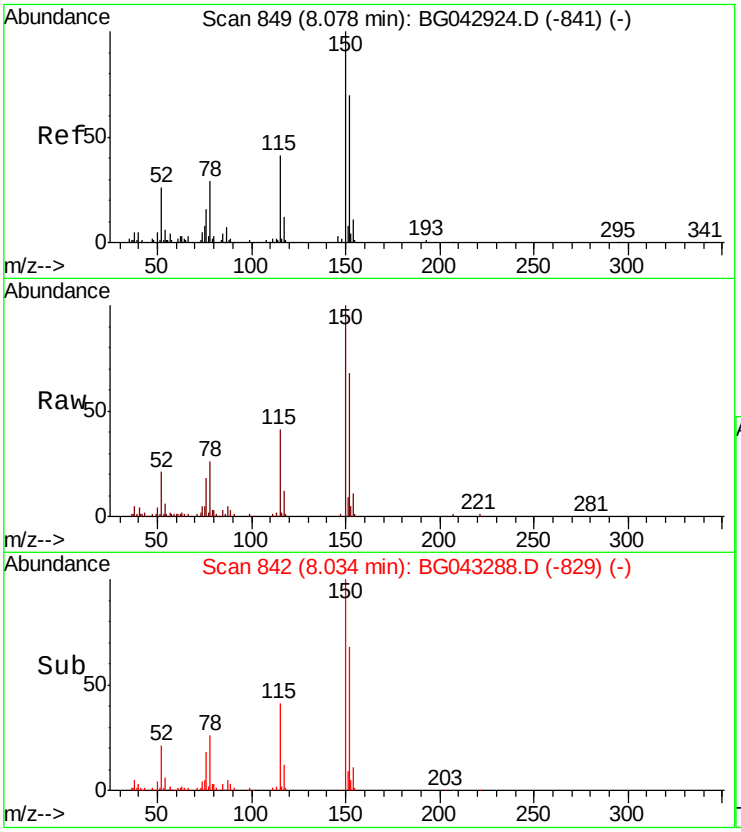
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043288.D
Acq On : 18 Oct 2019 23:13
Operator : JU
Sample : K5411-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-658

Quant Time: Oct 19 00:36:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



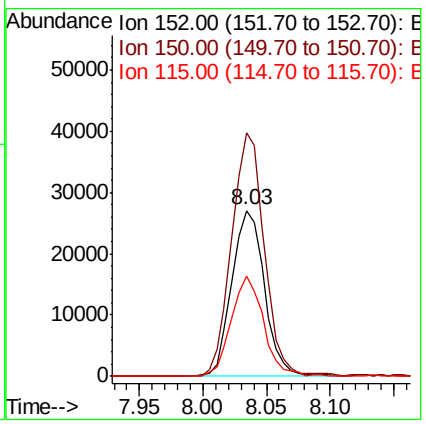


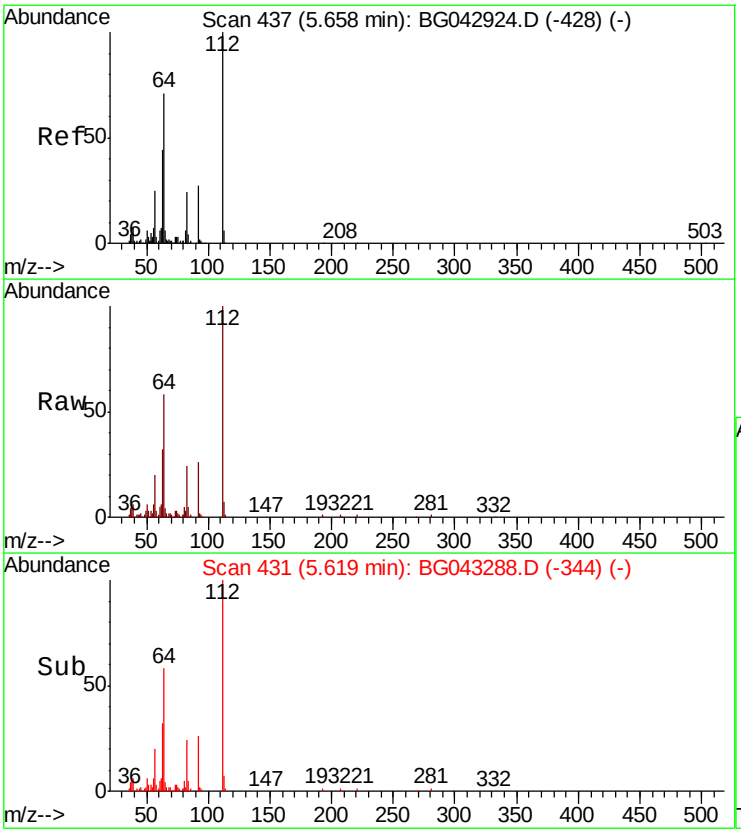
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:152 Resp: 48301

Ion	Ratio	Lower	Upper
152	100		
150	147.1	115.0	172.4
115	60.5	47.0	70.6

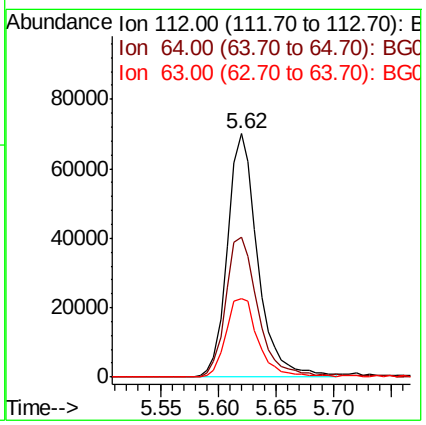


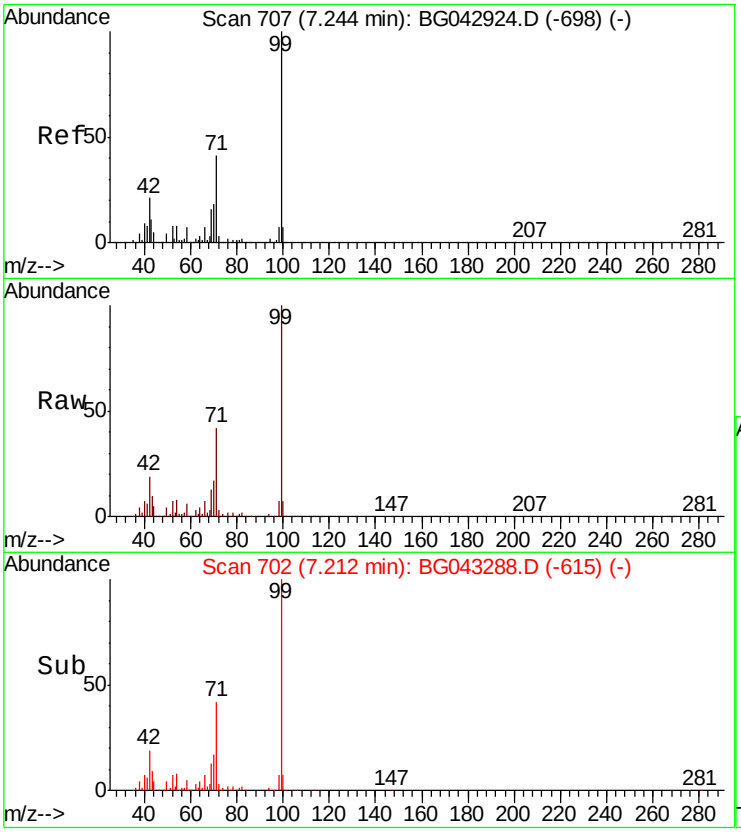


#5
2-Fluorophenol
Concen: 47.164 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:112 Resp: 127651

Ion	Ratio	Lower	Upper
112	100		
64	57.7	56.6	84.8
63	32.1	35.1	52.7#



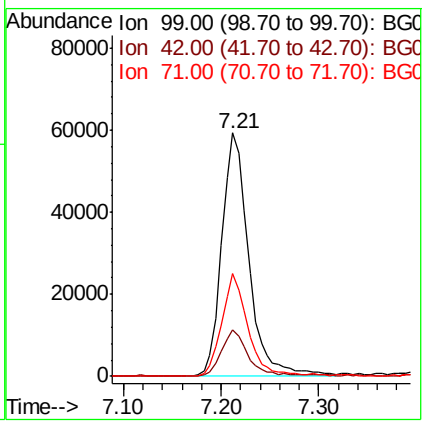


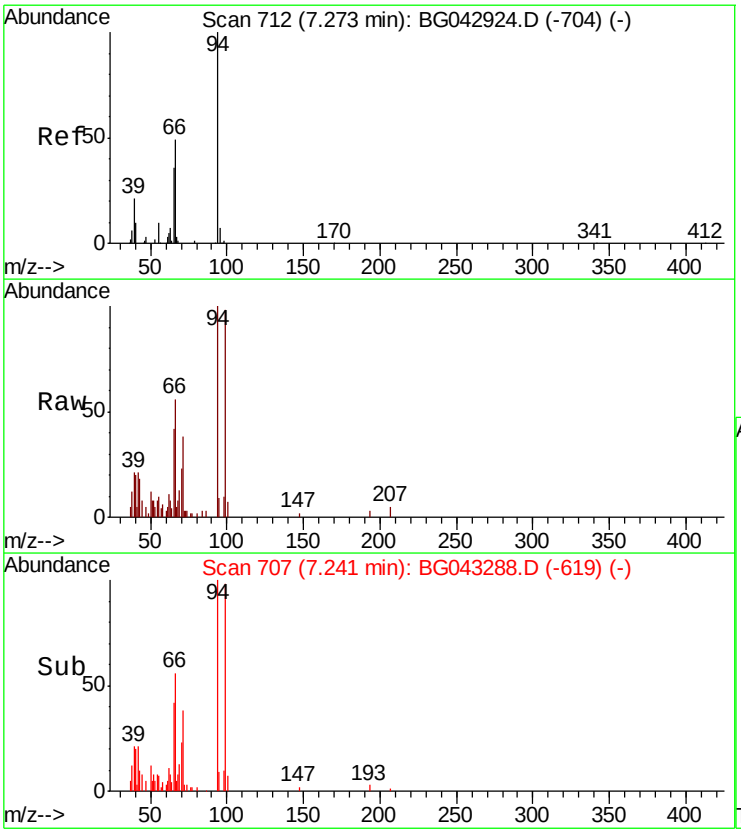
#7
Phenol-d6
Concen: 29.433 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion: 99 Resp: 114716

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.2	25.8
71	42.4	33.1	49.7

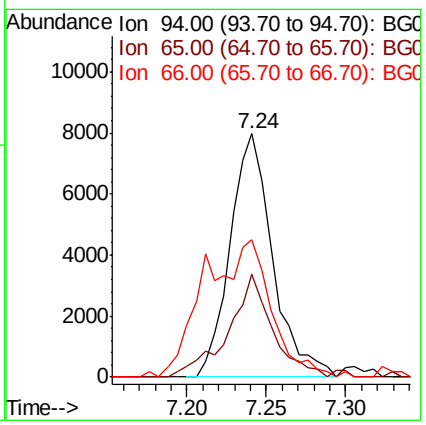


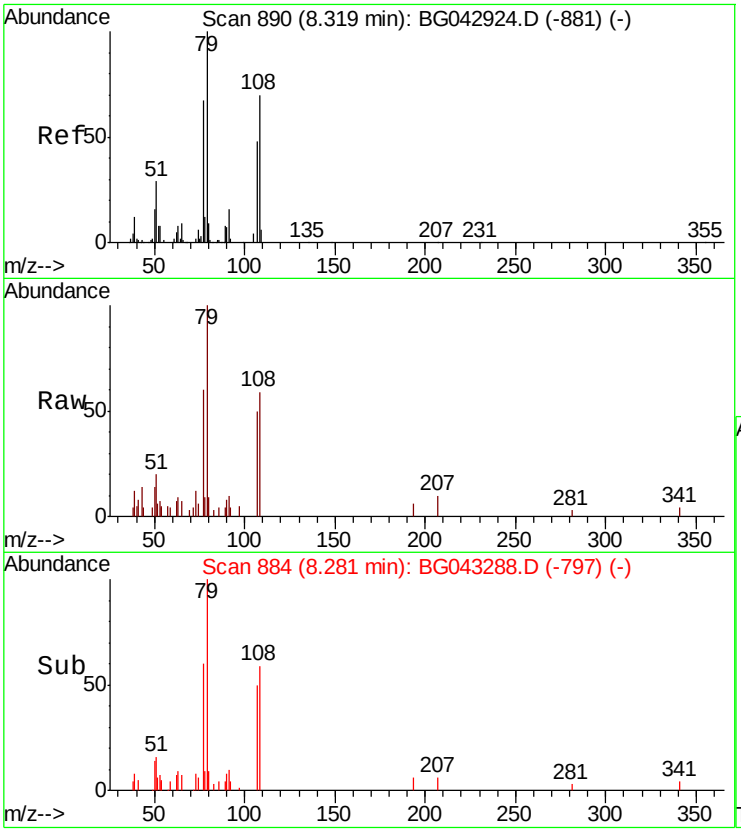


#10
Phenol
Concen: 4.144 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion: 94 Resp: 14818

Ion	Ratio	Lower	Upper
94	100		
65	42.0	16.6	56.6
66	56.3	32.4	72.4



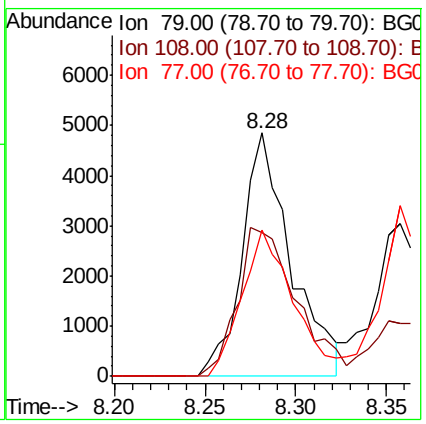


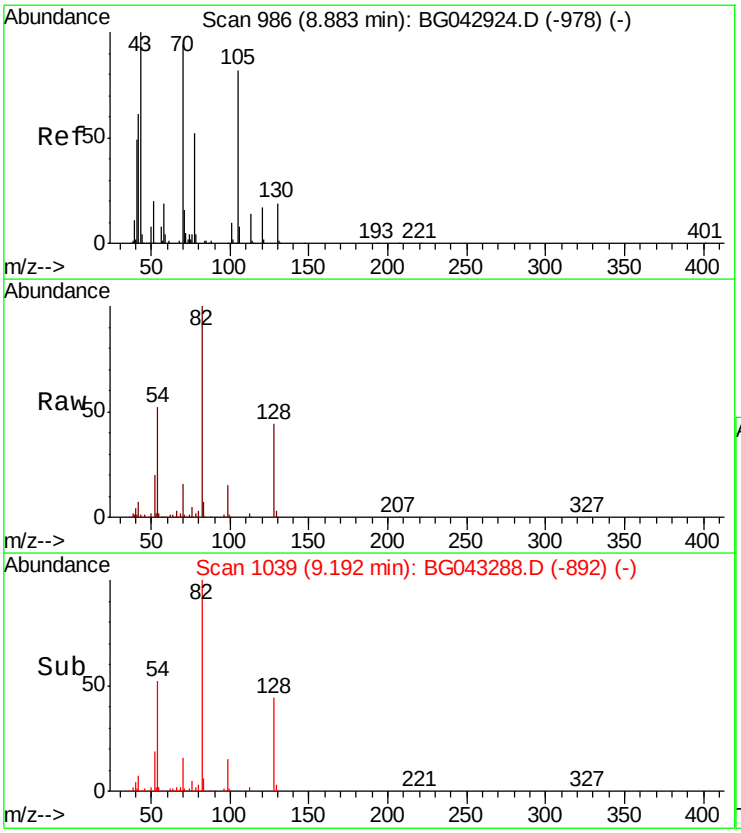
#15
Benzyl Alcohol
Concen: 3.110 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion: 79 Resp: 9113

Ion	Ratio	Lower	Upper
79	100		
108	59.0	55.7	83.5
77	60.0	53.3	79.9

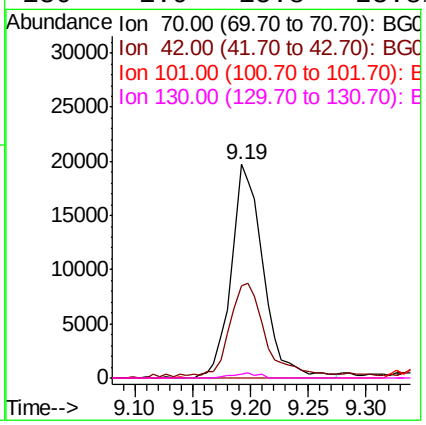


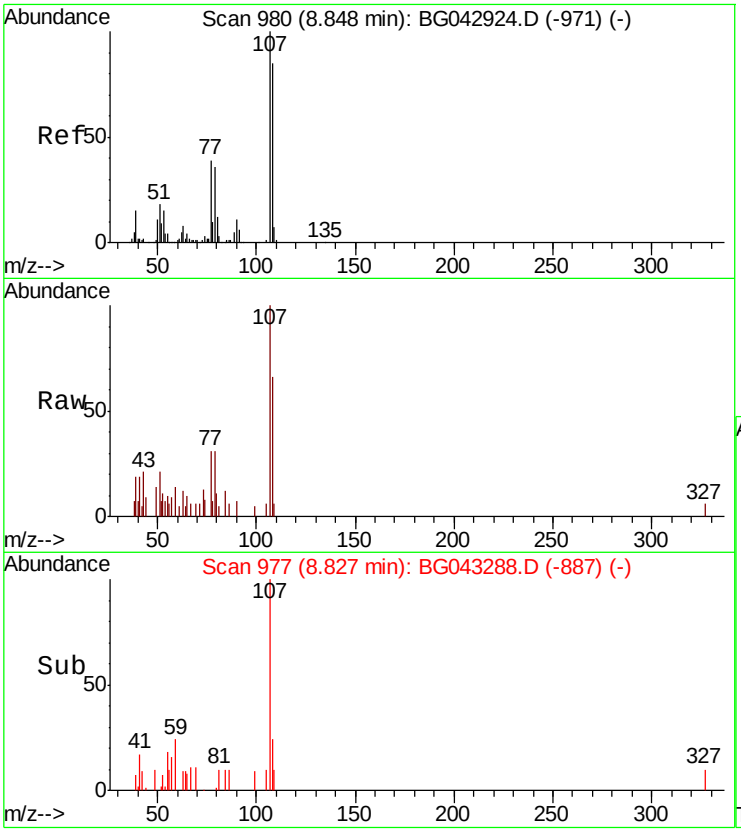


#19
n-Nitroso-di-n-propylamine
Concen: 14.813 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.33 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion: 70 Resp: 37910

Ion	Ratio	Lower	Upper
70	100		
42	43.0	52.6	79.0#
101	0.0	8.7	13.1#
130	1.9	15.8	23.8#



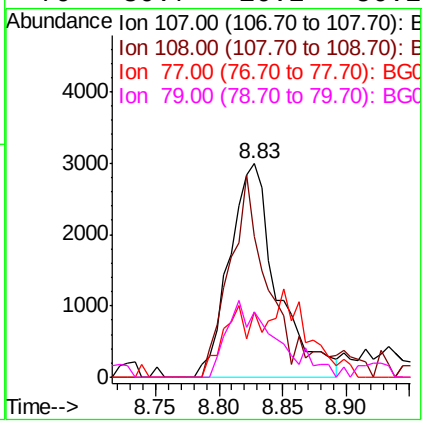


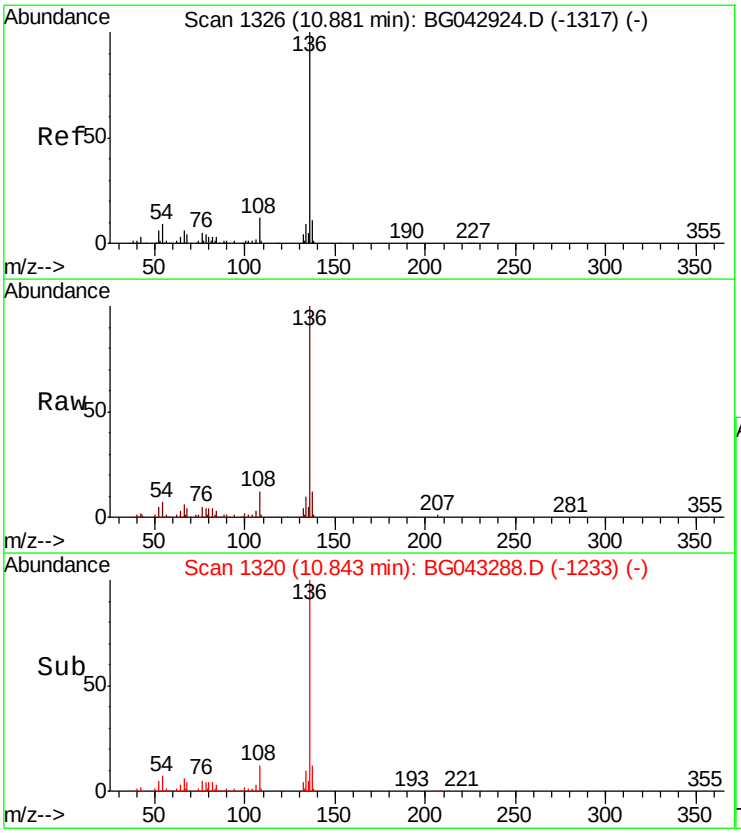
#20
3+4-Methylphenols
Concen: 2.268 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:107 Resp: 7777

Ion	Ratio	Lower	Upper
107	100		
108	65.9	64.9	104.9
77	30.5	19.4	59.4
79	30.7	16.2	56.2

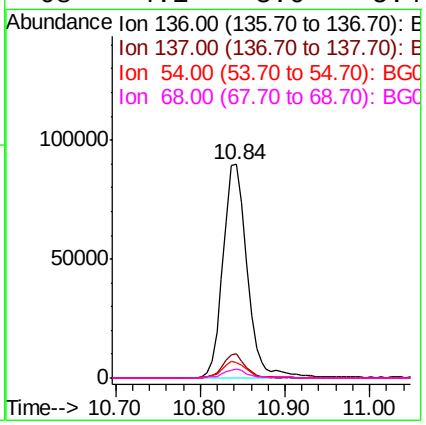


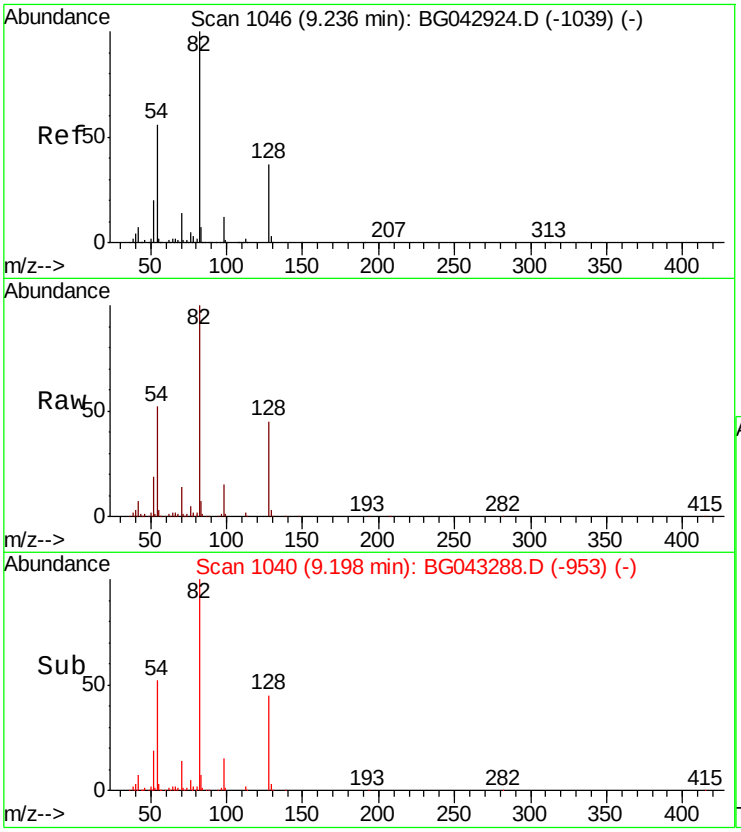


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:136 Resp: 178447

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	7.2	7.4	11.2#
68	4.1	3.6	5.4



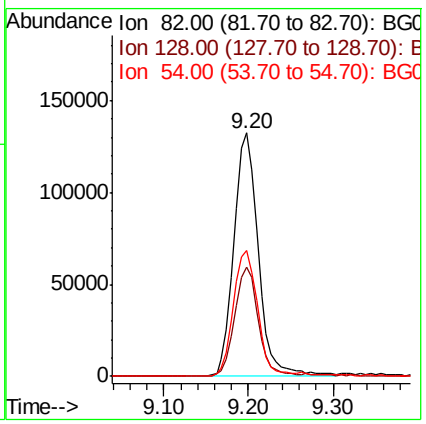


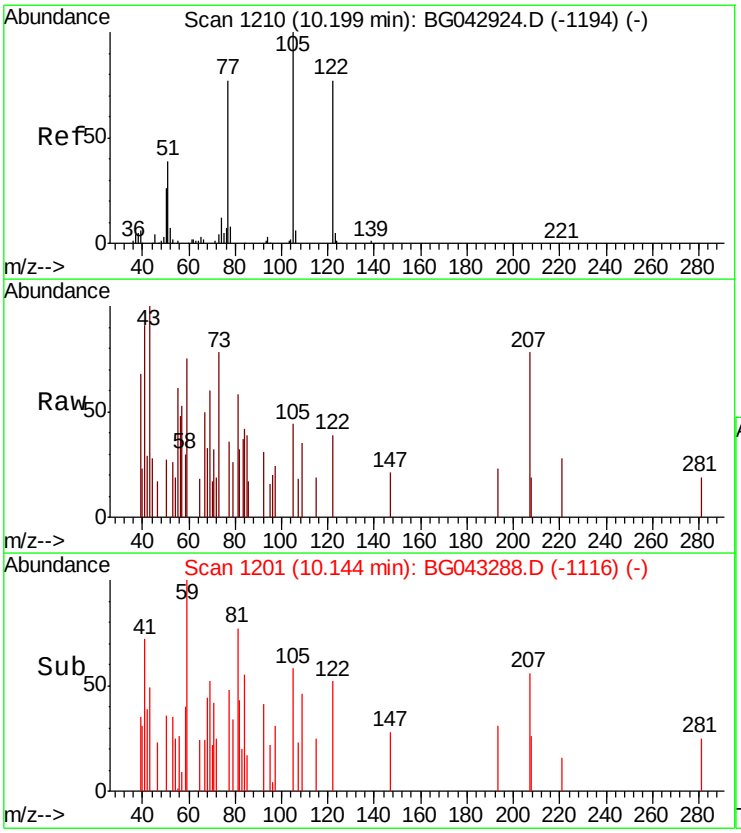
#23
Nitrobenzene-d5
Concen: 71.850 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion: 82 Resp: 263788

Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.5	44.3#
54	51.5	44.6	67.0

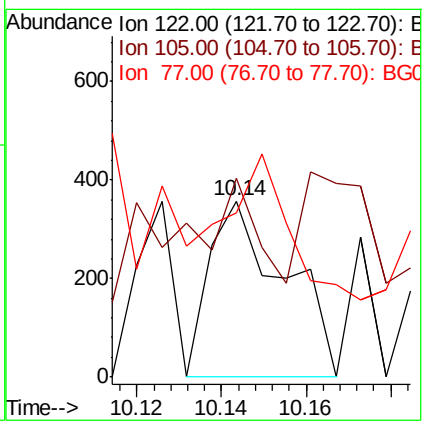


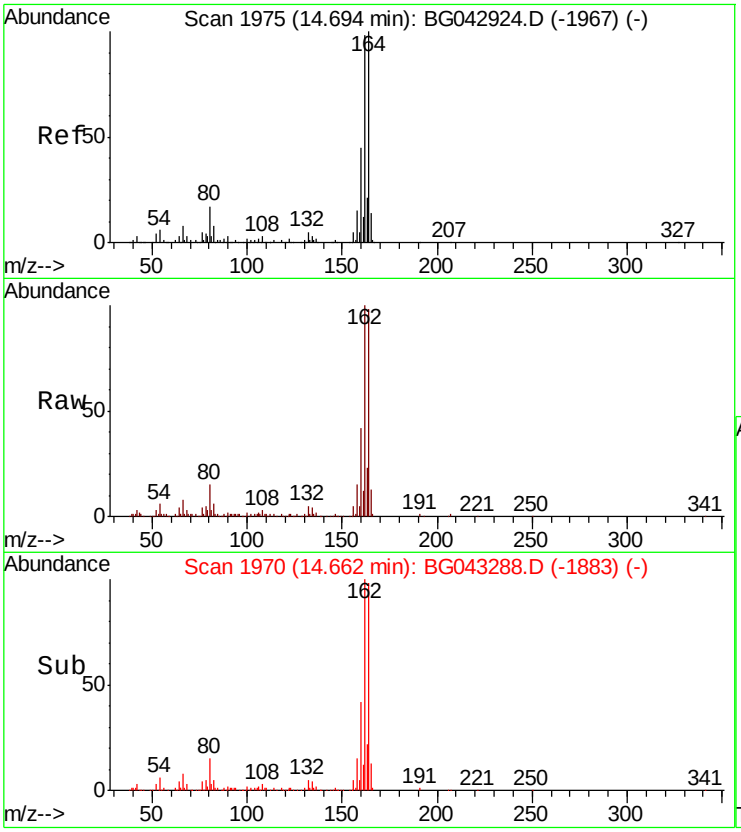


#32
Benzoic acid
Concen: 3.069 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:122 Resp: 440

Ion	Ratio	Lower	Upper
122	100		
105	112.9	107.5	147.5
77	93.3	79.8	119.8



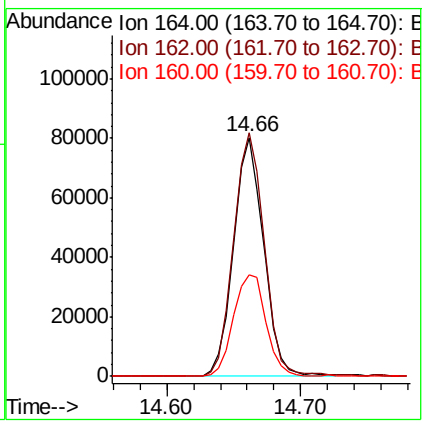


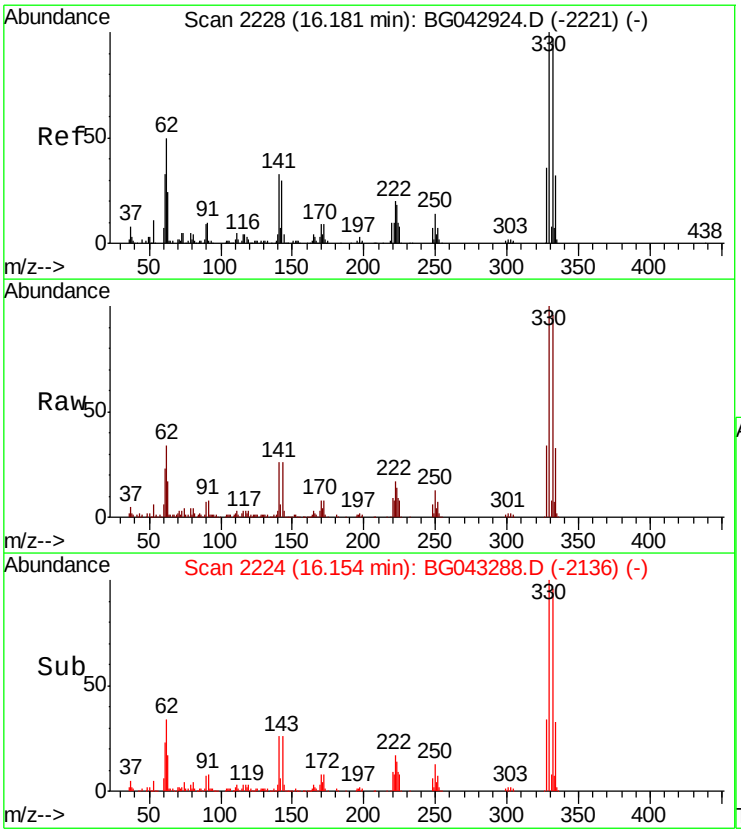
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:164 Resp: 125440

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.5	117.7
160	42.4	35.9	53.9

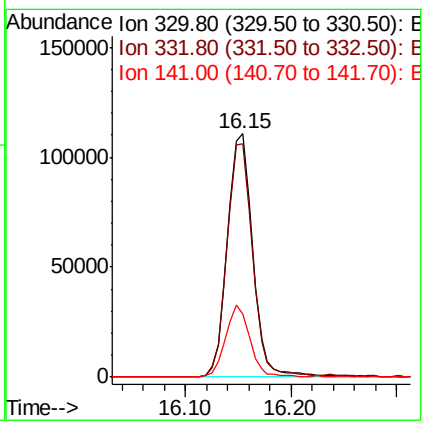


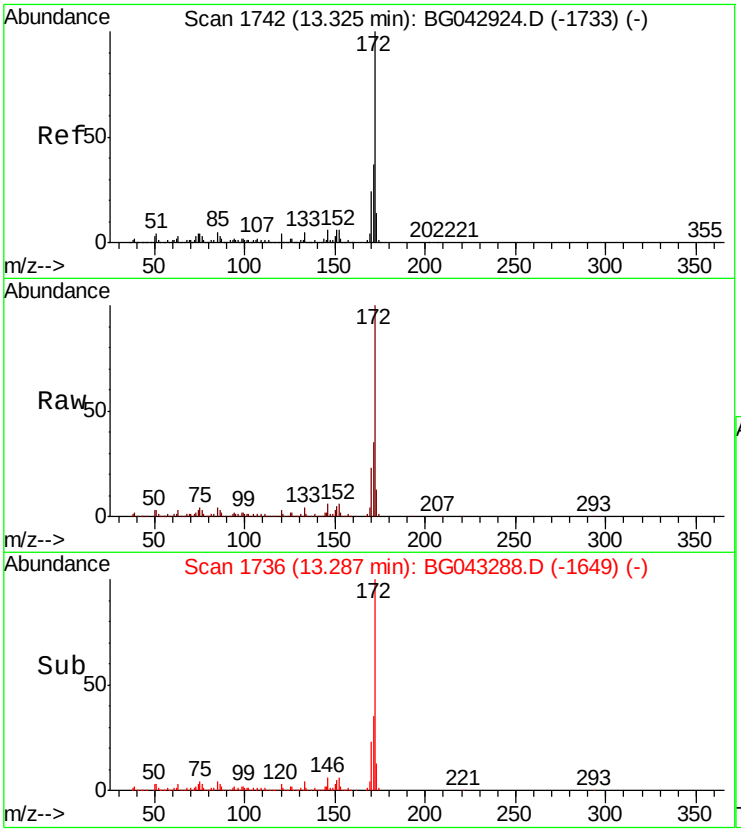


#42
2,4,6-Tribromophenol
Concen: 84.886 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:330 Resp: 183101

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	28.5	26.0	39.0



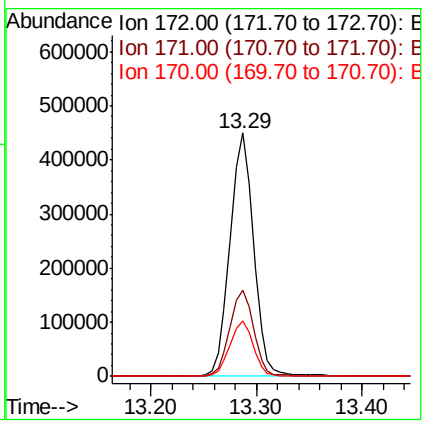


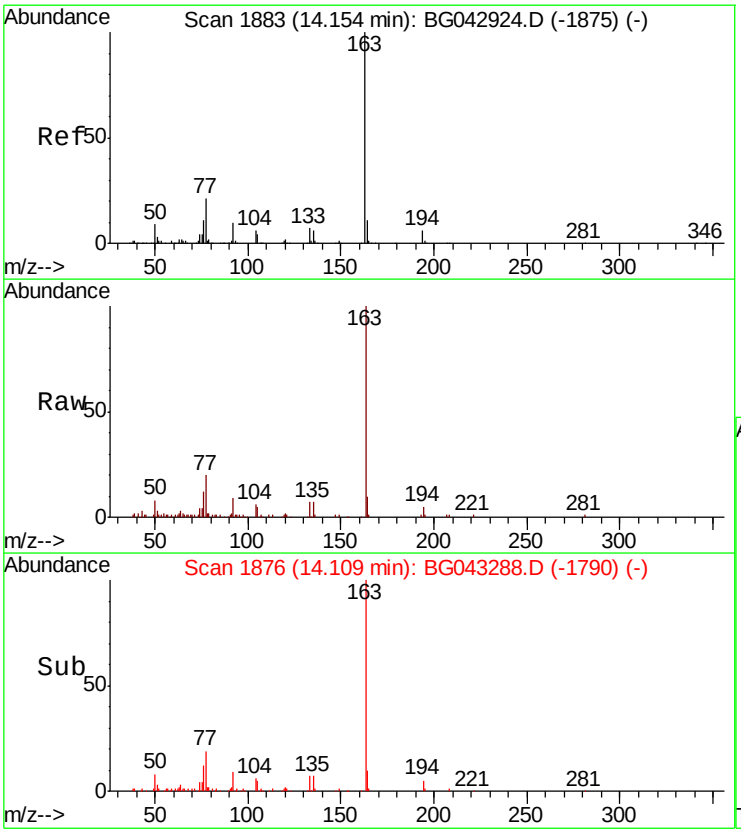
#45
2-Fluorobiphenyl
Concen: 80.509 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:172 Resp: 696631

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.9	19.6	29.4

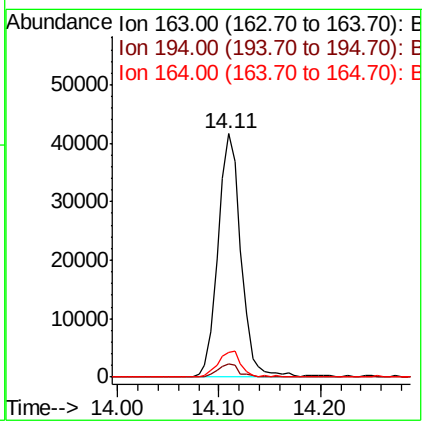


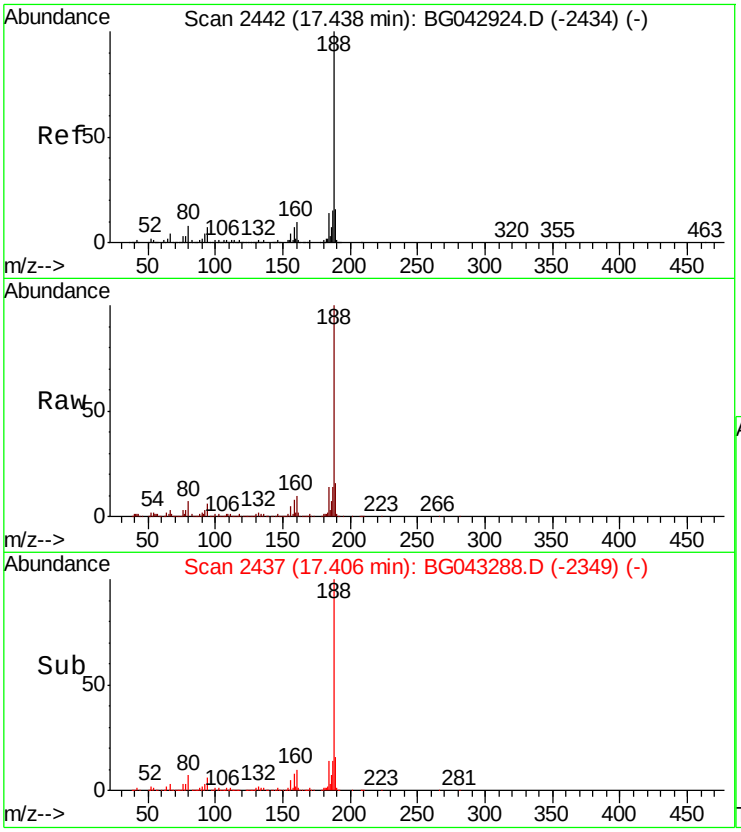


#50
Dimethylphthalate
Concen: 6.981 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:163 Resp: 65615

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.4	6.6
164	10.3	8.6	12.8



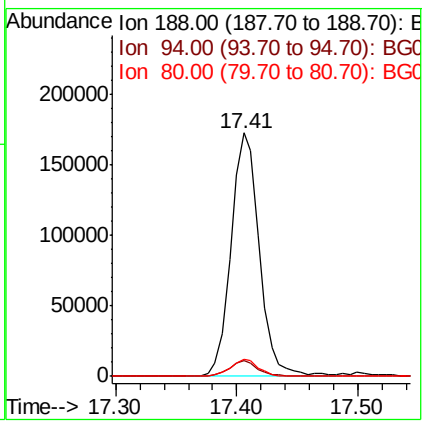


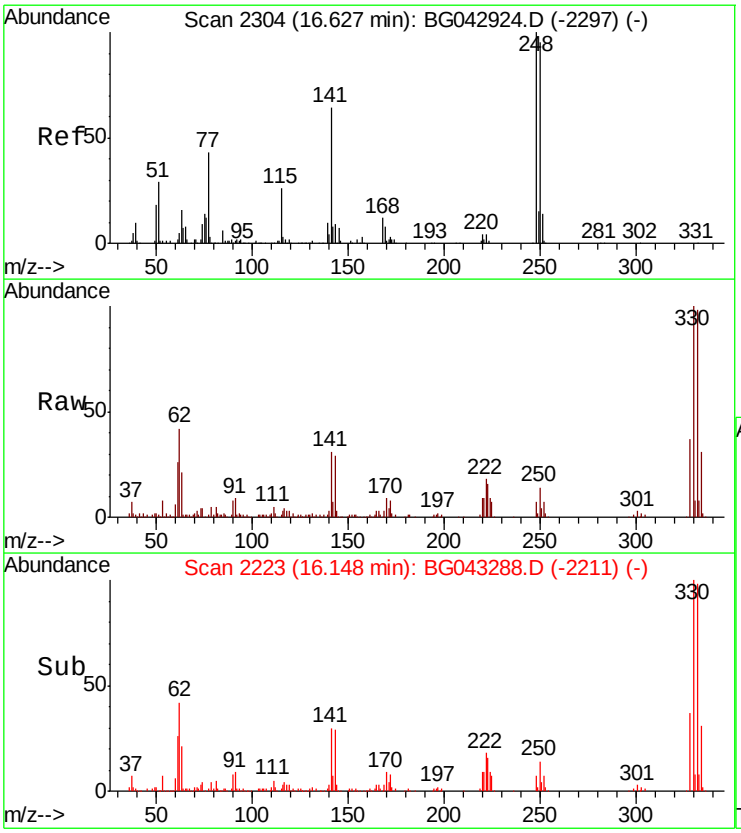
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:188 Resp: 281851

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	7.1	6.5	9.7

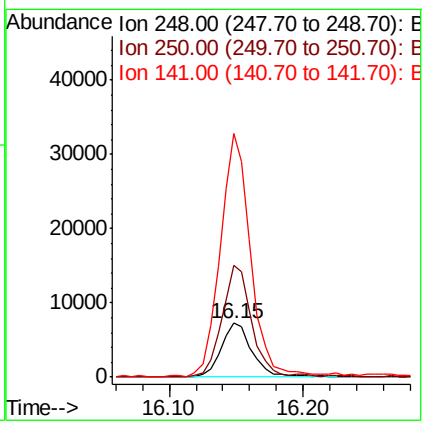


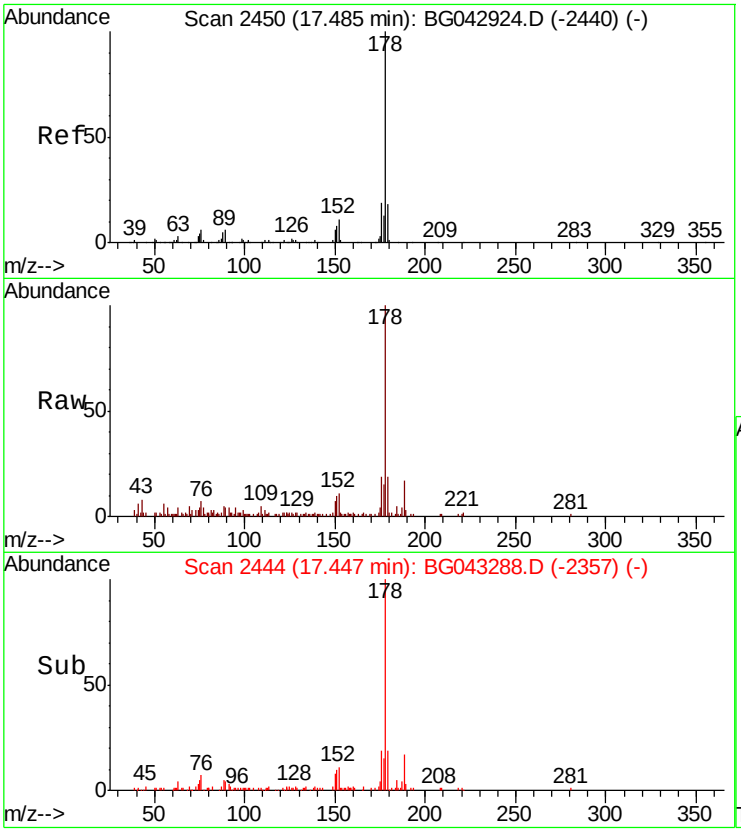


#67
4-Bromophenyl-phenylether
Concen: 3.315 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.46 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:248 Resp: 11728

Ion	Ratio	Lower	Upper
248	100		
250	208.2	75.8	113.8#
141	453.2	51.1	76.7#



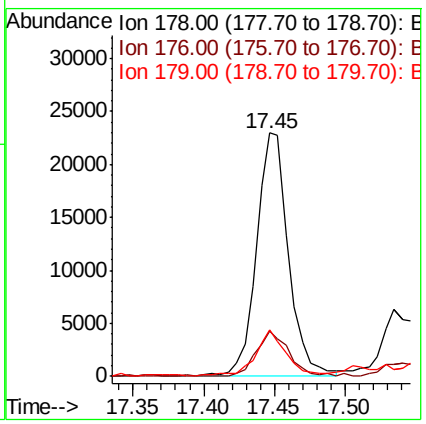


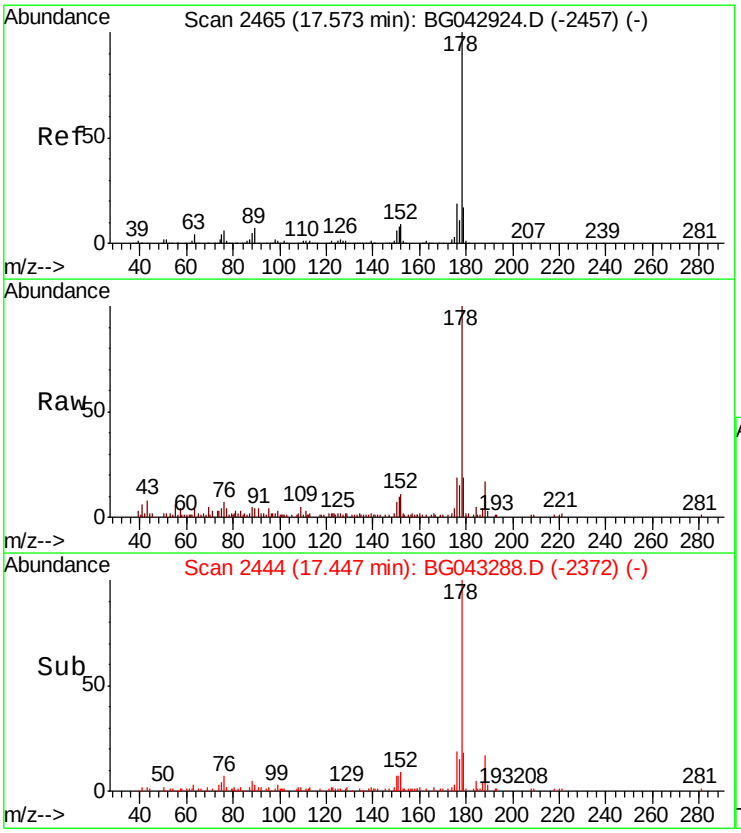
#71
Phenanthrene
Concen: 2.656 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:178 Resp: 36551

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	18.9	14.1	21.1

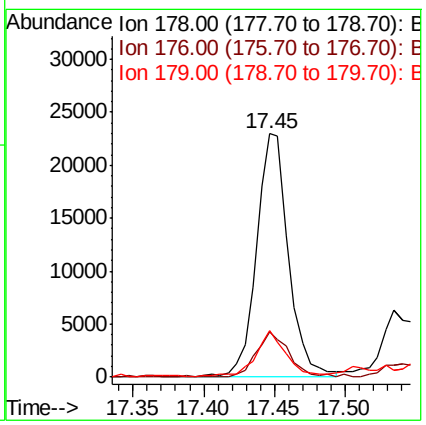


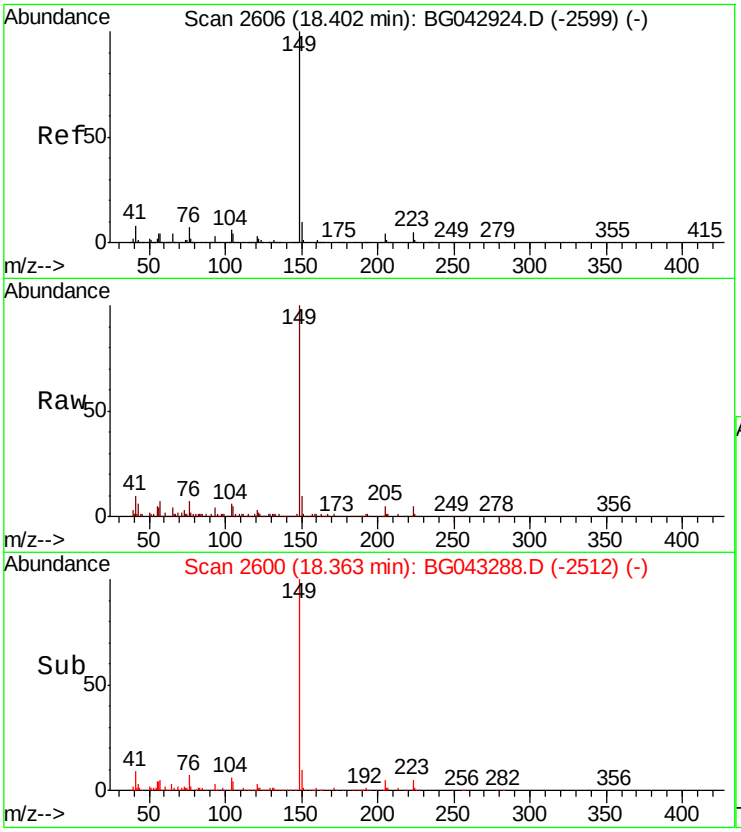


#72
Anthracene
Concen: 2.661 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.11 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:178 Resp: 36551

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	18.9	13.5	20.3



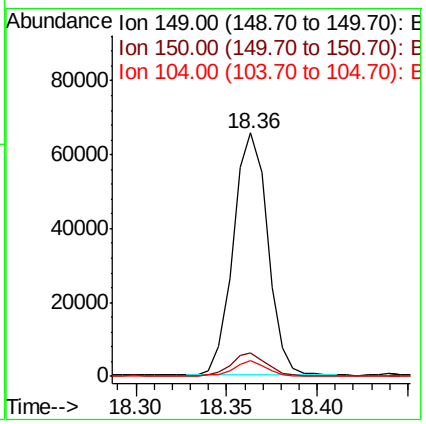


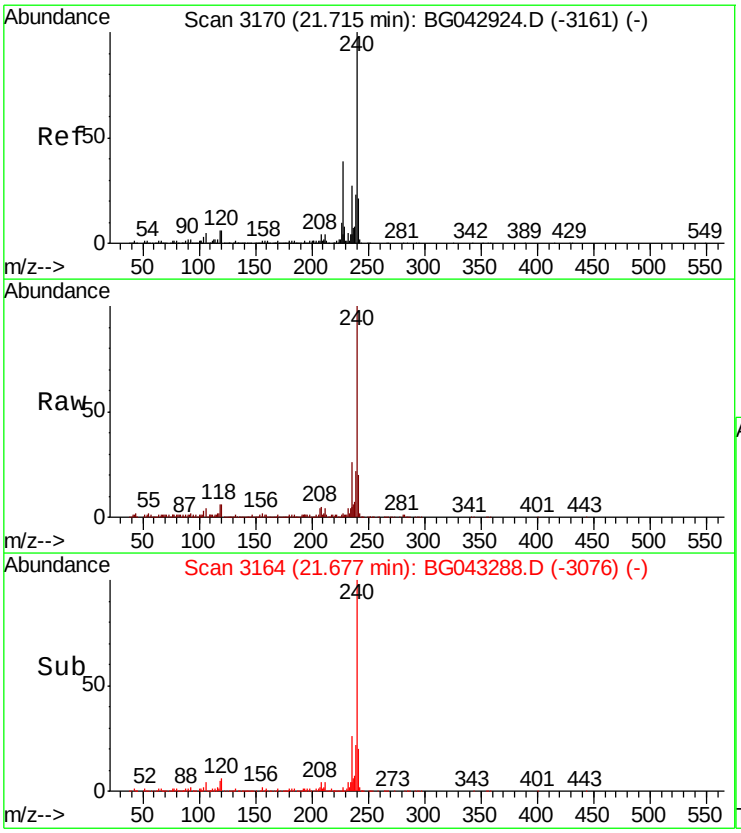
#74
Di-n-butylphthalate
Concen: 5.715 ng
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:149 Resp: 86864

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	6.2	5.0	7.6

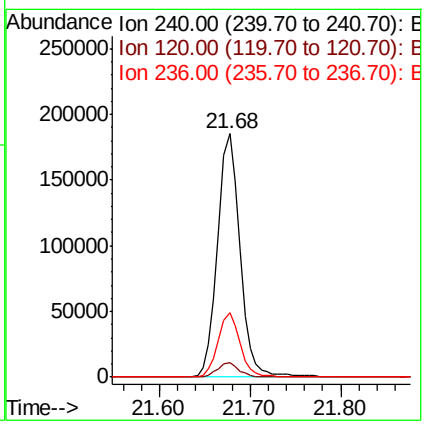


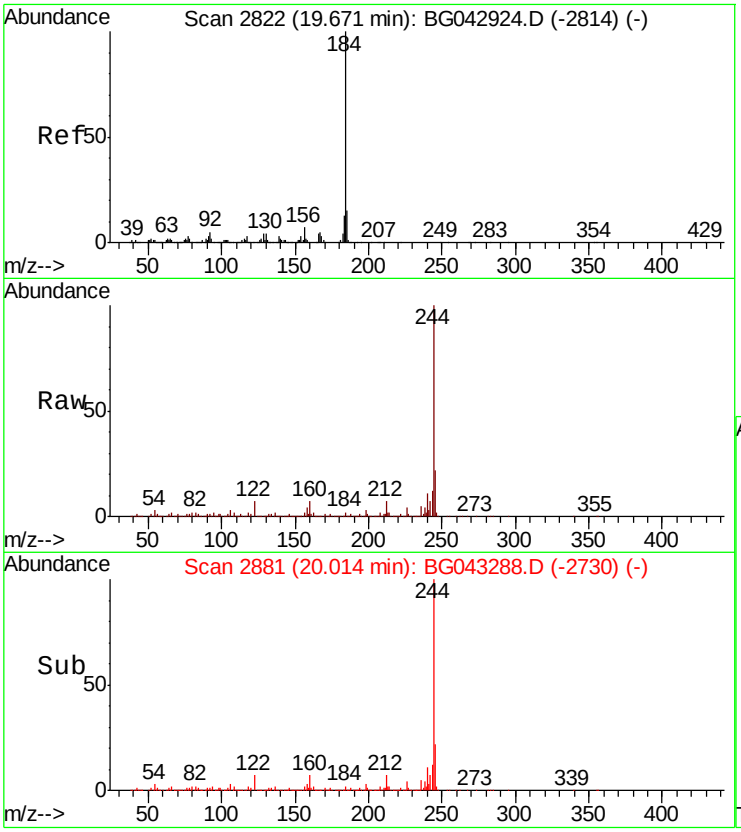


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:240 Resp: 320506

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	26.3	21.4	32.0



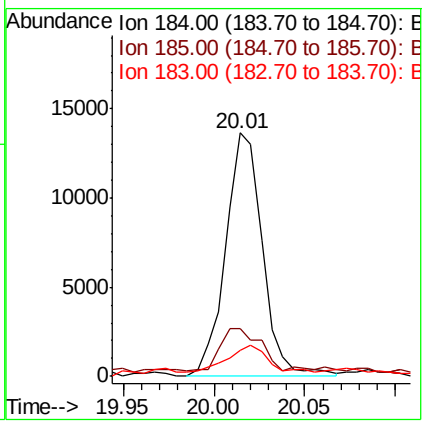


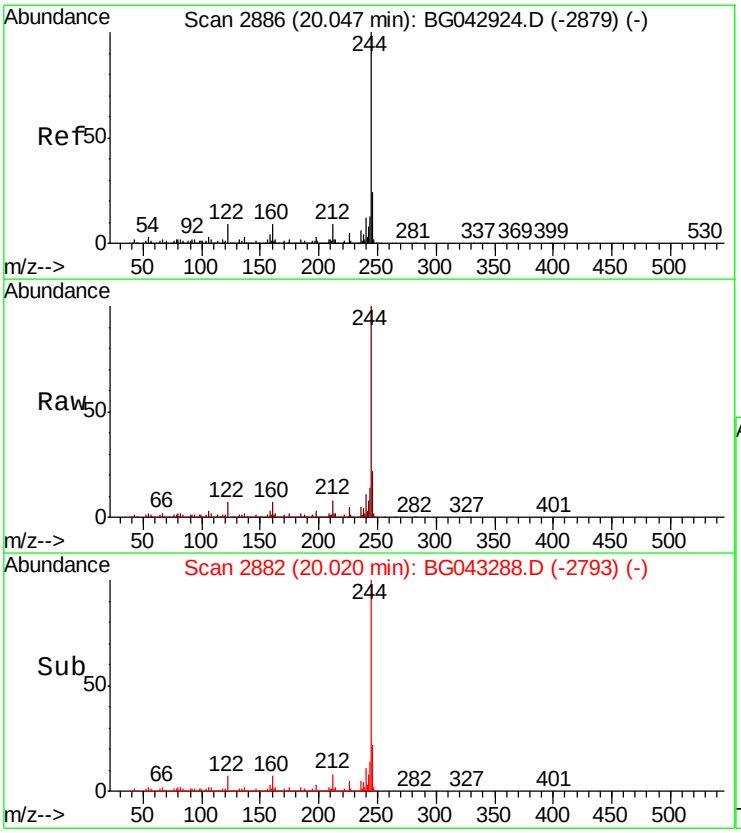
#77
Benzidine
Concen: 2.410 ng
RT: 20.01 min Scan# 2881
Delta R.T. 0.36 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:184 Resp: 19337

Ion	Ratio	Lower	Upper
184	100		
185	19.7	11.8	17.8#
183	10.5	10.1	15.1

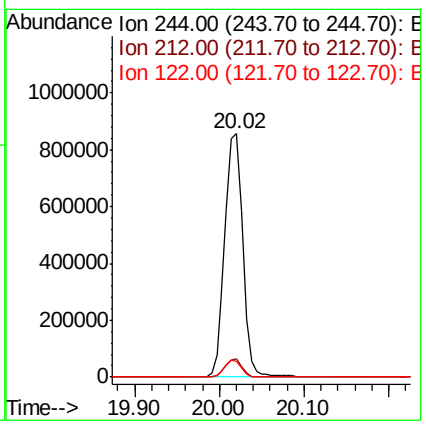


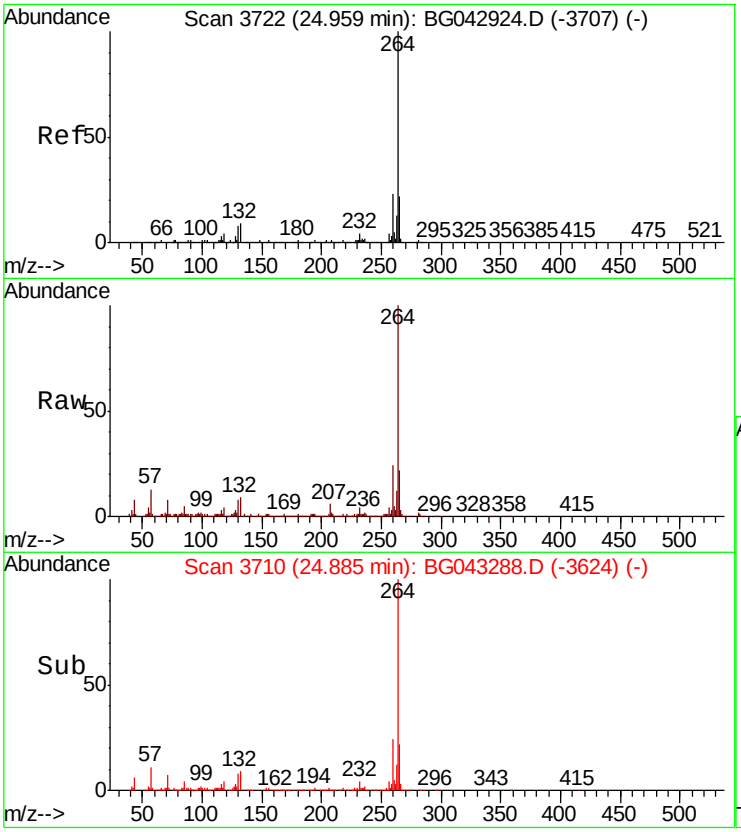


#79
Terphenyl-d14
Concen: 84.208 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:244 Resp: 1266575

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	6.6	7.0	10.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tgt Ion:264 Resp: 375083

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	17.7	26.5