Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043662.D
Acq On : 15 Nov 2019 22:29
Operator : JU
Sample : K5668-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-111319

Quant Time: Nov 16 01:14:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	22825	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	74029	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	60586	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	165659	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	198180	20.00	ng		-0.02
87) Perylene-d12	24.81	264	226365	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	175847	141.17	ng		0.00
7) Phenol-d6	7.19	99	238334	132.99	ng		0.00
23) Nitrobenzene-d5	9.16	82	140106	97.57	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	152437	132.21	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	409515	93.40	ng		-0.02
79) Terphenyl-d14	19.98	244	1052788	99.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	4833	9.957	ng	#	1
3) Pyridine	3.96	79	53	0.043	ng	#	22
4) n-Nitrosodimethylamine	3.78	42	226	0.366	ng	#	1
6) Aniline	7.54	93	235	0.114	ng	#	1
8) 2-Chlorophenol	7.55	128	54	0.039	ng	#	1
9) Benzaldehyde	7.19	77	207	0.235	ng	#	5
10) Phenol	7.55	94	224	0.137	ng	#	1
11) bis(2-Chloroethyl)ether	7.54	93	235	0.186	ng	#	1
15) Benzyl Alcohol	8.32	79	2670	2.121	ng	#	36
16) 2,2'-oxybis(1-Chloropropan	8.54	45	58	0.032	ng		66
19) n-Nitroso-di-n-propylamine	9.16	70	20412	17.626	ng	#	83
22) Acetophenone	9.16	105	82	0.043	ng	#	1
24) Nitrobenzene	9.19	77	56	0.041	ng	#	40
25) Isophorone	9.61	82	510	0.194	ng	#	64
37) 2-Methylnaphthalene	12.57	142	64	0.022	ng	#	14
38) 1-Methylnaphthalene	12.57	142	64	0.023	ng	#	8
43) 2,4,6-Trichlorophenol	12.57	196	85	0.064	ng	#	13
46) 1,1'-Biphenyl	13.47	154	279	0.061	ng	#	52
48) 2-Nitroaniline	13.24	65	546	0.521	ng	#	1
49) Acenaphthylene	14.26	152	55	0.010	ng	#	60
51) 2,6-Dinitrotoluene	14.63	165	8077	7.922	ng	#	22
57) 2,4-Dinitrotoluene	14.63	165	8077	5.544	ng	#	25
58) Fluorene	16.11	166	3964	0.876	ng	#	91
63) Azobenzene	16.11	77	663	0.174	ng	#	12
65) 4,6-Dinitro-2-methylphenol	16.12	198	209	0.214	ng		96
66) n-Nitrosodiphenylamine	16.11	169	4308	0.921	ng	#	47
67) 4-Bromophenyl-phenylether	16.21	248	349	0.157	ng	#	1
71) Phenanthrene	17.42	178	68	0.008	ng	#	60
72) Anthracene	17.42	178	68	0.008	ng	#	59
73) Carbazole	17.60	167	57	0.007	ng	#	58
74) Di-n-butylphthalate	18.35	149	108	0.012	ng	#	77
77) Benzidine	19.98	184	15462	3.877	ng	#	92
78) Pyrene	19.98	202	3667	0.299	ng	#	86
80) Butylbenzylphthalate	20.78	149	57	0.012	ng	#	27

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043662.D
Acq On : 15 Nov 2019 22:29
Operator : JU
Sample : K5668-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-111319

Quant Time: Nov 16 01:14:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) Benzo(a)anthracene	21.63	228	746	0.060	ng	#	50
83) Chrysene	21.68	228	68	0.006	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.52	149	366	0.055	ng	#	95
85) Di-n-octyl phthalate	22.73	149	56	0.005	ng	#	79
88) Benzo(b)fluoranthene	23.82	252	54	0.004	ng	#	60
89) Benzo(k)fluoranthene	23.82	252	54	0.004	ng	#	60
90) Benzo(a)pyrene	24.67	252	118	0.010	ng	#	60

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
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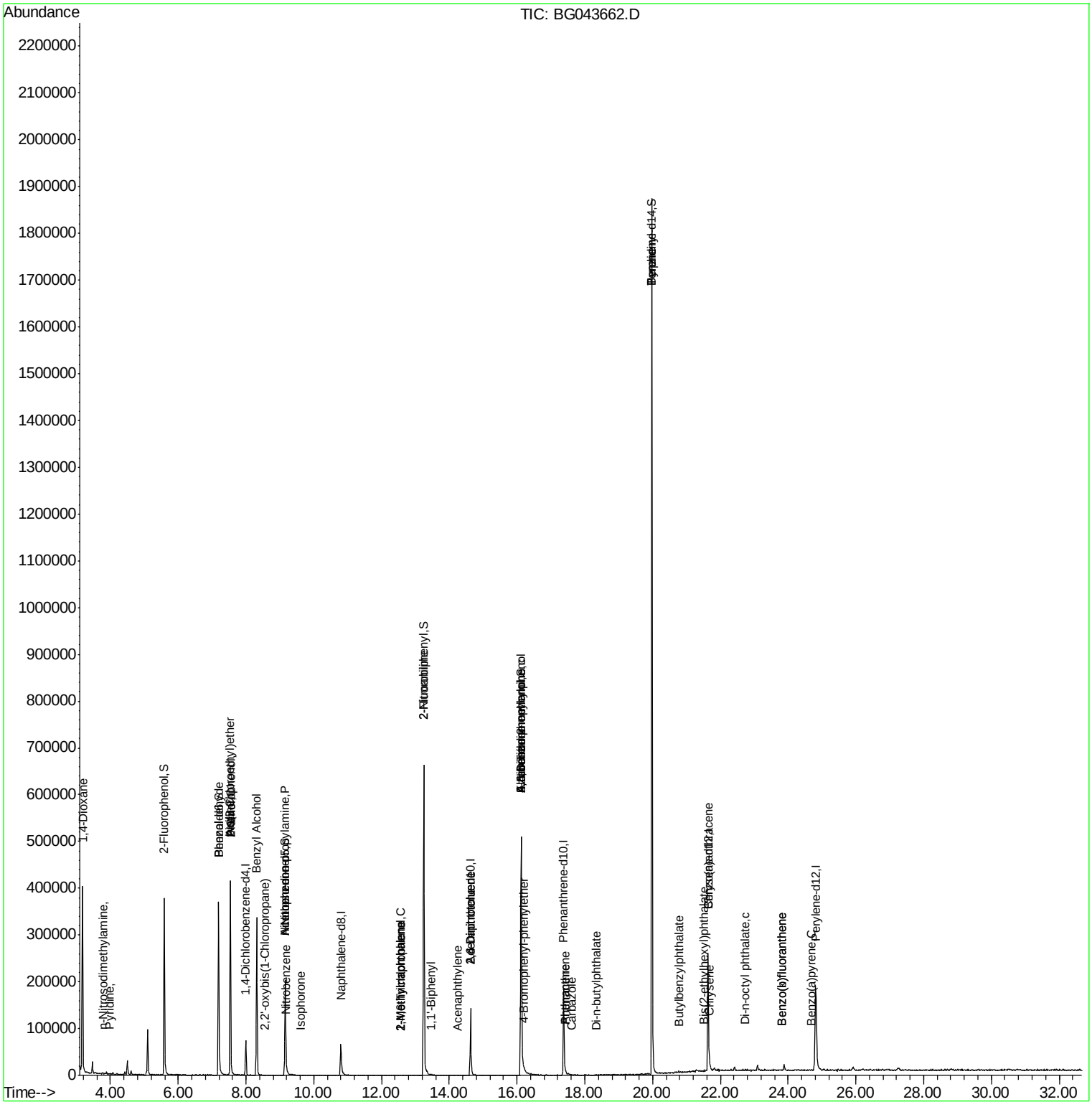
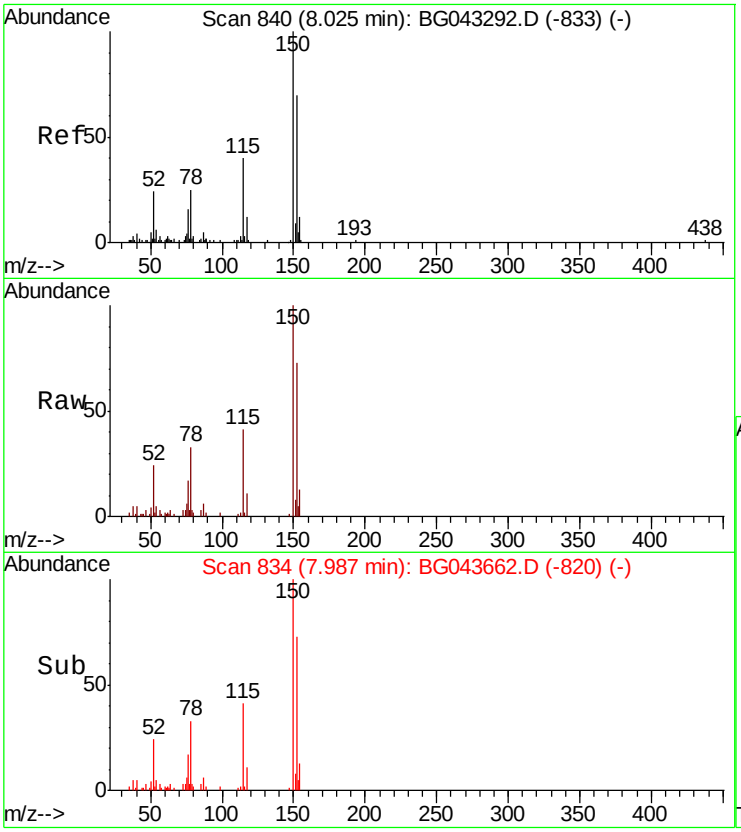
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



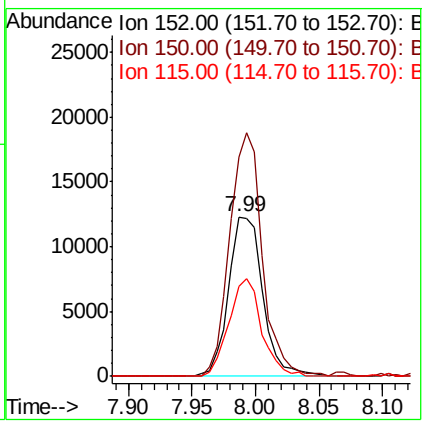


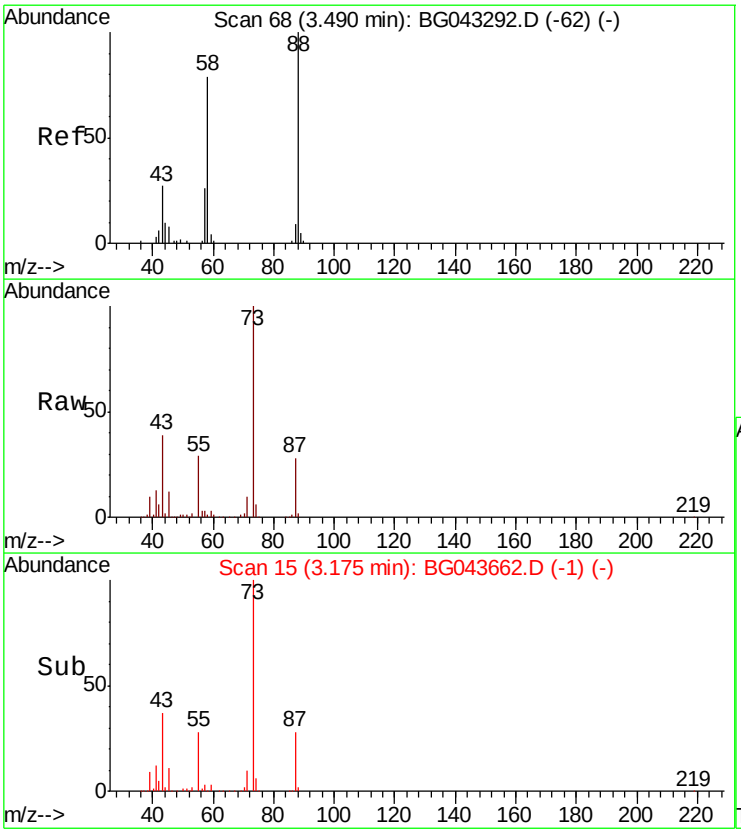
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:152 Resp: 22825

Ion	Ratio	Lower	Upper
152	100		
150	137.3	129.4	194.0
115	56.2	48.8	73.2

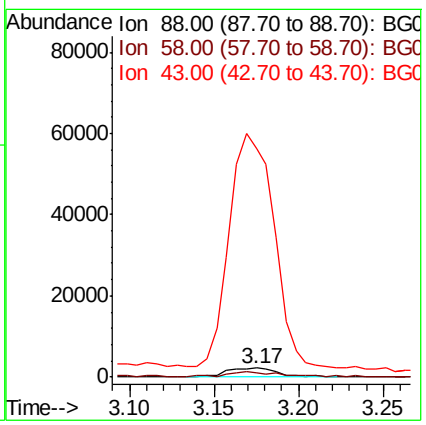


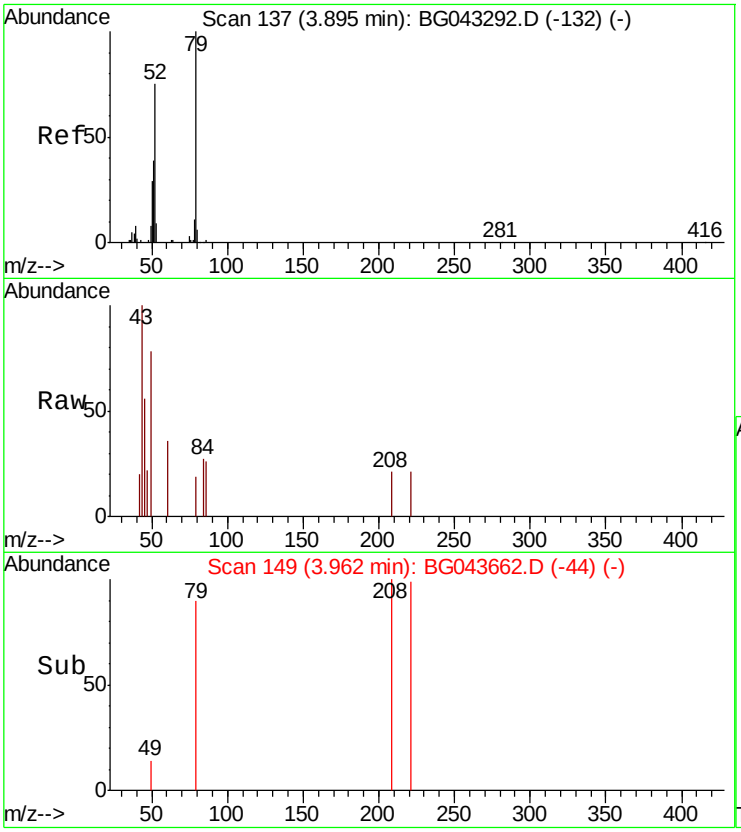


#2
1,4-Dioxane
Concen: 9.957 ng
RT: 3.17 min Scan# 15
Delta R.T. -0.30 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 88 Resp: 4833

Ion	Ratio	Lower	Upper
88	100		
58	65.3	62.7	94.1
43	2195.9	23.7	35.5#



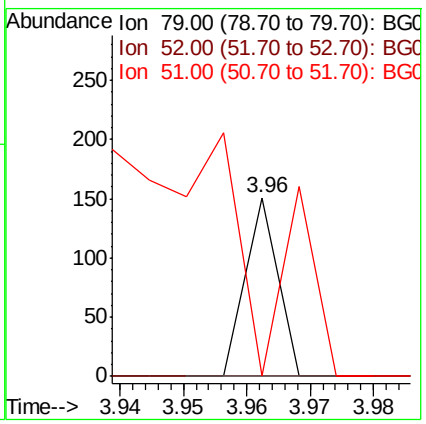


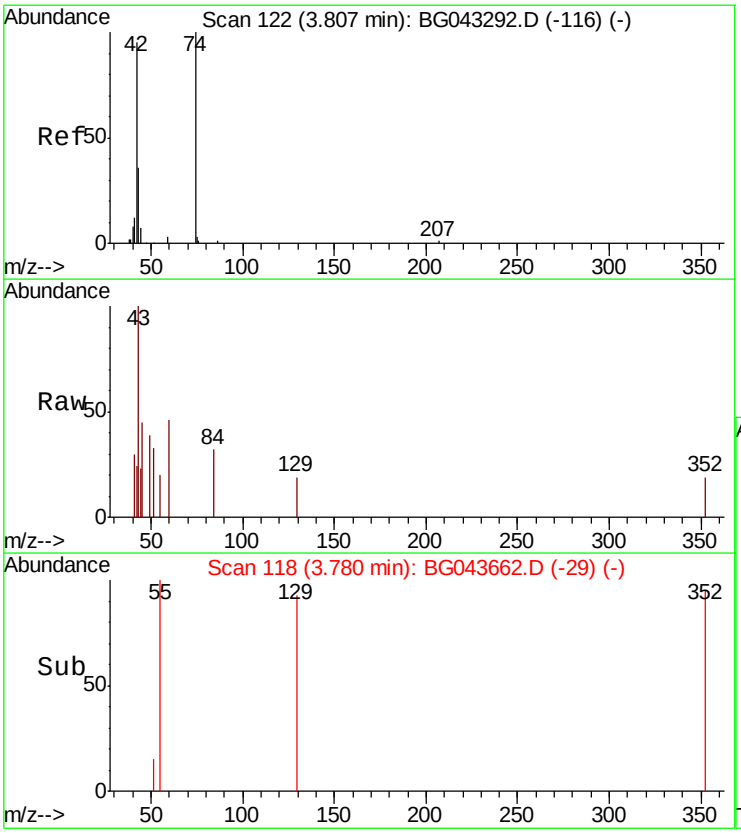
#3
Pyridine
Concen: 0.043 ng
RT: 3.96 min Scan# 149
Delta R.T. 0.09 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 79 Resp: 53

Ion	Ratio	Lower	Upper
79	100		
52	0.0	56.5	84.7#
51	0.0	33.2	49.8#

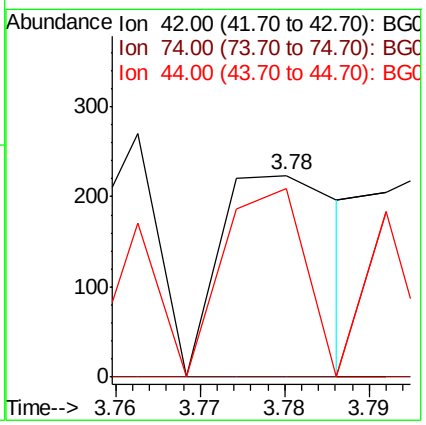


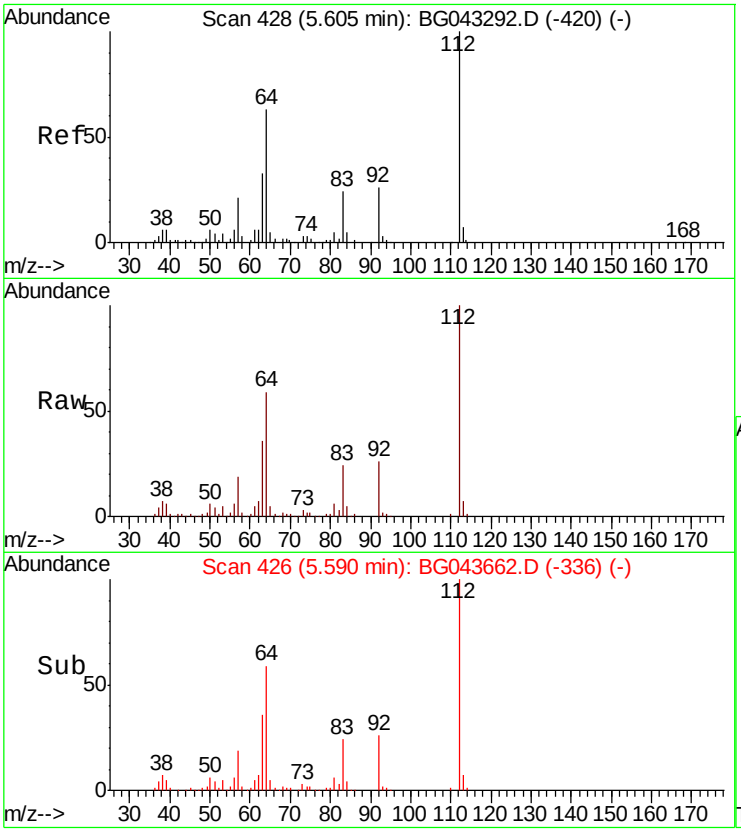


#4
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 42 Resp: 226

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.3	145.9#
44	93.3	4.4	6.6#



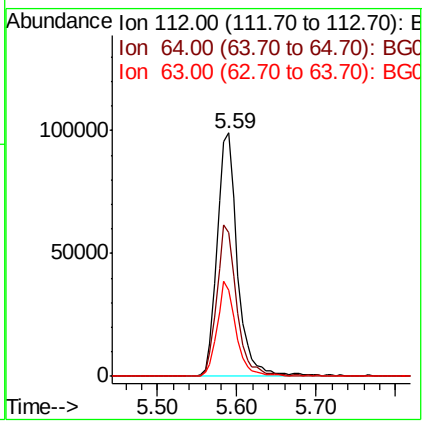


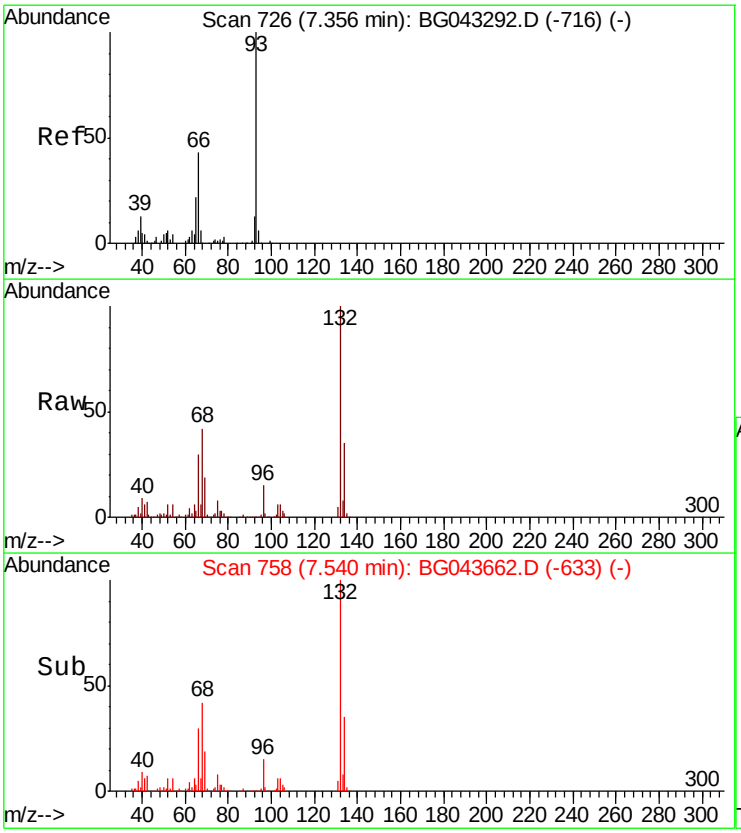
#5
2-Fluorophenol
Concen: 141.174 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:112 Resp: 175847

Ion	Ratio	Lower	Upper
112	100		
64	58.8	50.0	75.0
63	35.6	26.6	40.0

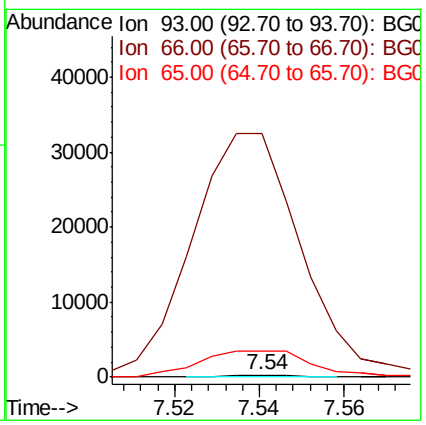


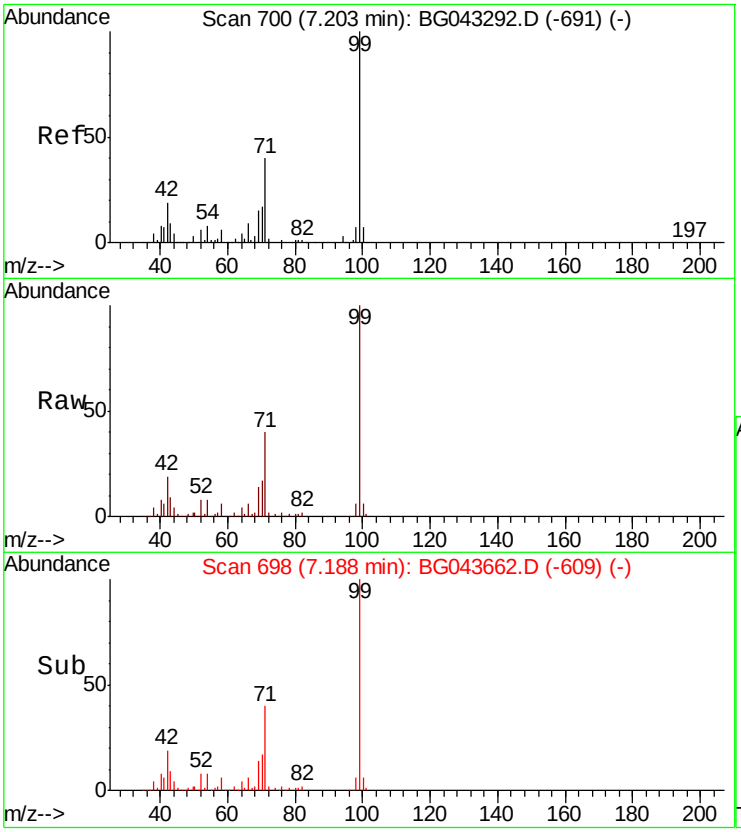


#6
Aniline
Concen: 0.114 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.20 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 93 Resp: 235

Ion	Ratio	Lower	Upper
93	100		
66	11630.1	32.3	48.5#
65	1257.0	16.1	24.1#



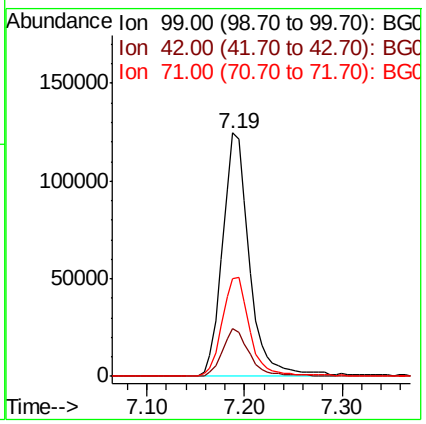


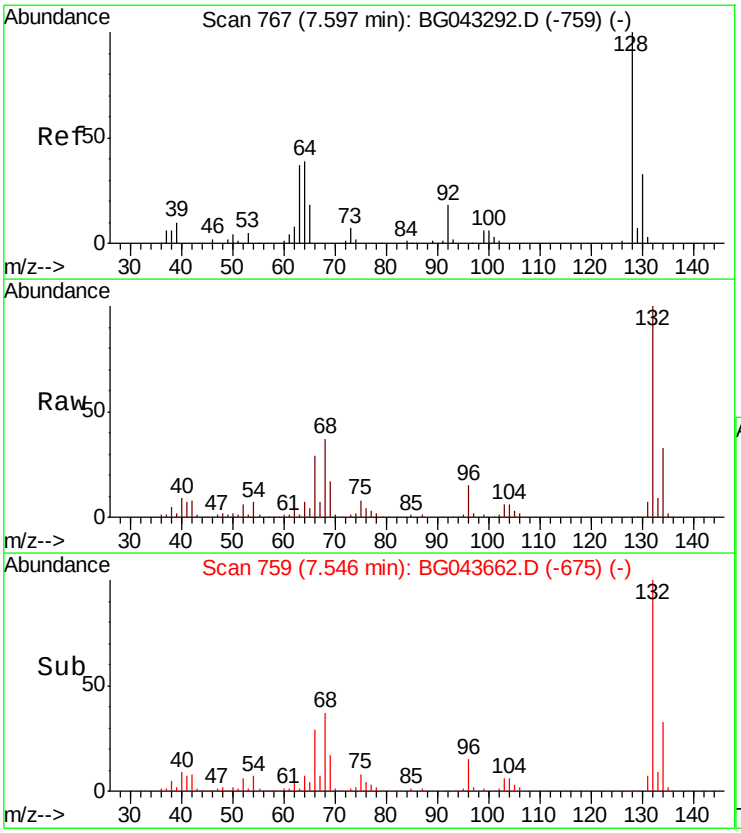
#7
Phenol-d6
Concen: 132.989 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 99 Resp: 238334

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.6	21.8
71	40.4	32.5	48.7

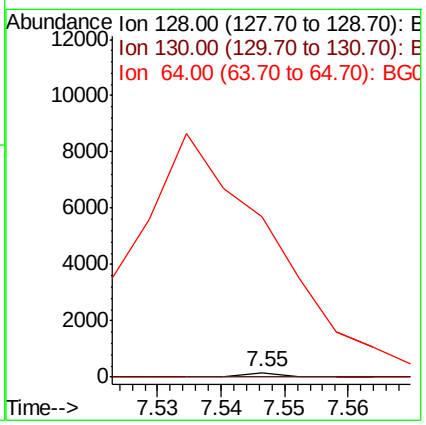


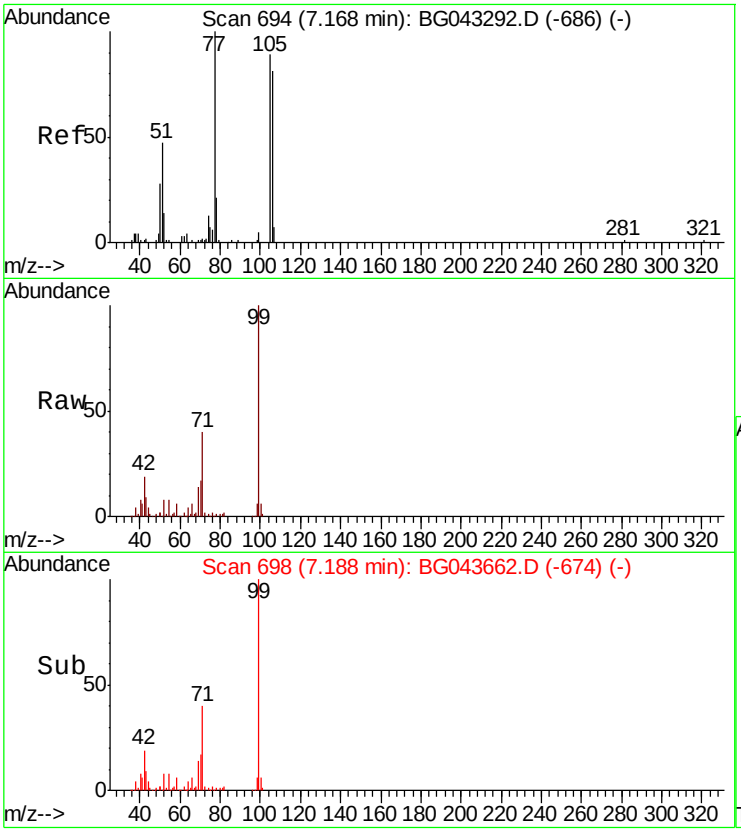


#8
2-Chlorophenol
Concen: 0.039 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.04 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.5	52.5#
64	3719.0	25.3	65.3#



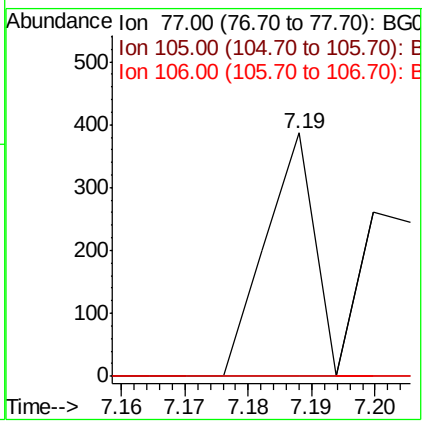


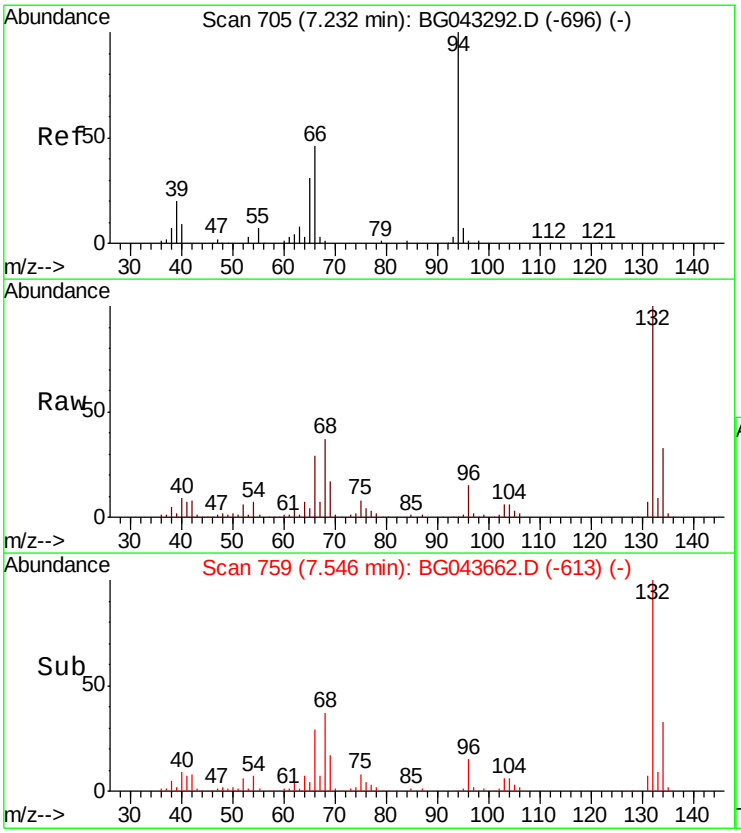
#9
Benzaldehyde
Concen: 0.235 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.04 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 77 Resp: 207

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.6	108.6#
106	0.0	69.9	109.9#

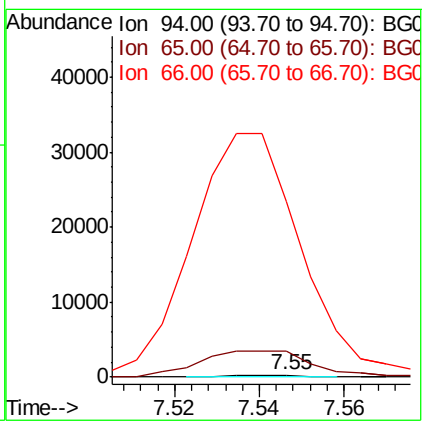


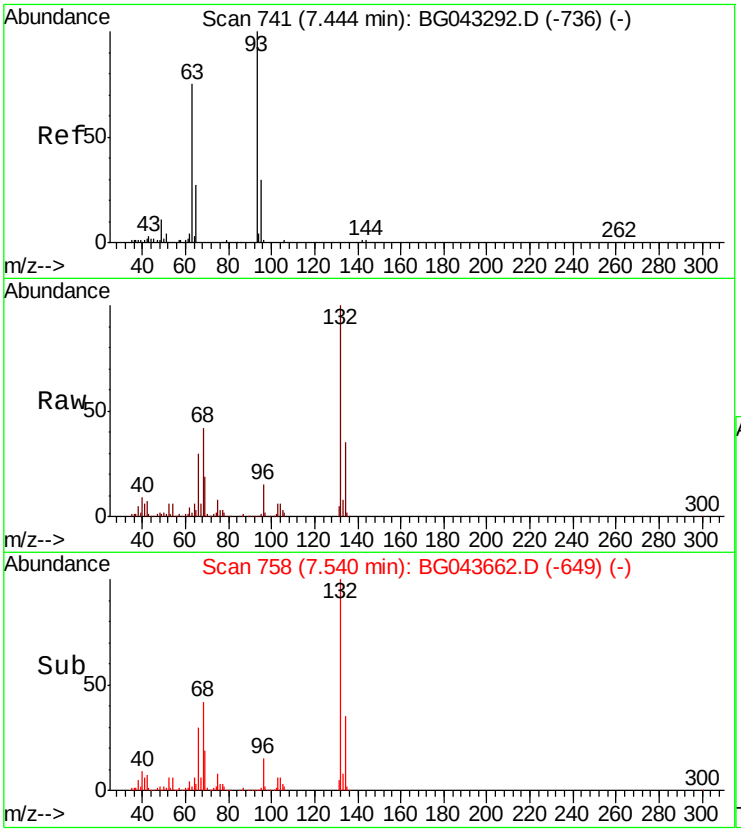


#10
Phenol
Concen: 0.137 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.33 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 94 Resp: 224

Ion	Ratio	Lower	Upper
94	100		
65	1285.0	12.6	52.6#
66	8551.8	30.7	70.7#



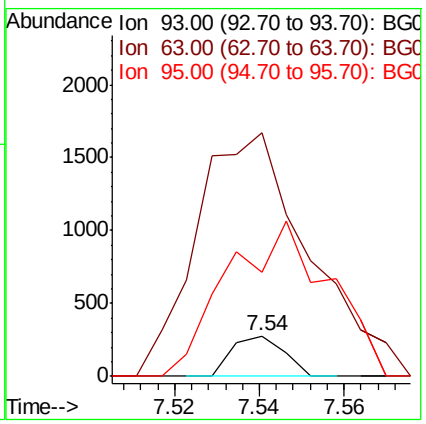


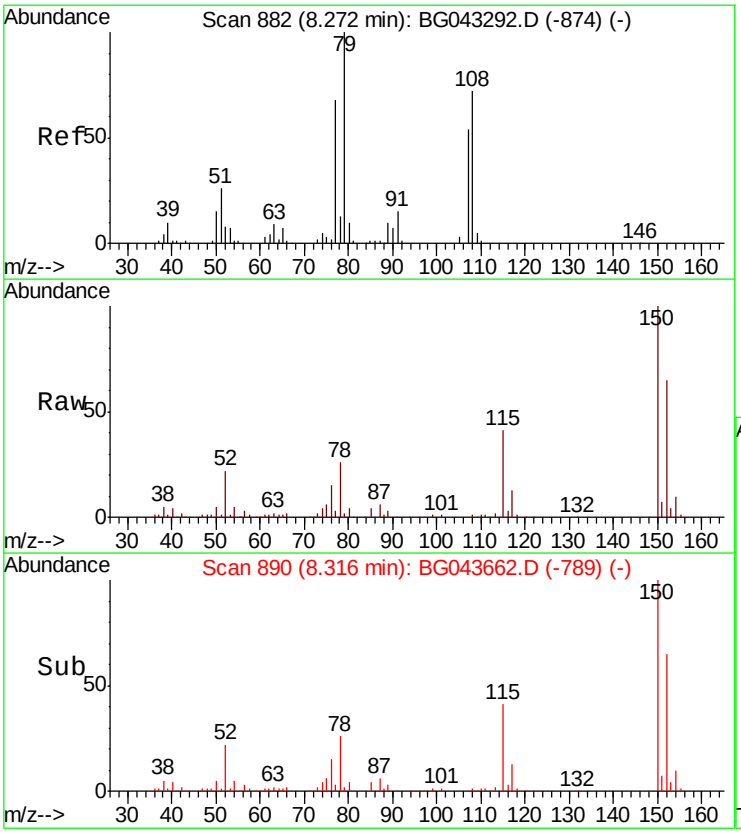
#11
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.11 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 93 Resp: 235

Ion	Ratio	Lower	Upper
93	100		
63	598.6	56.3	96.3#
95	255.6	12.2	52.2#

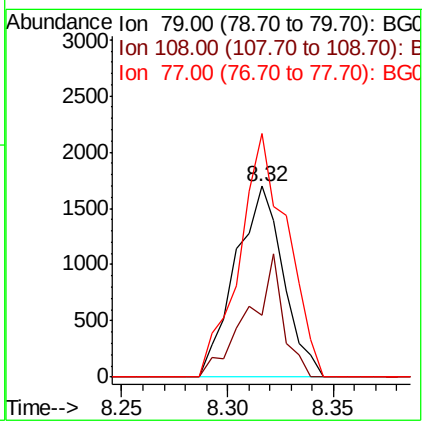


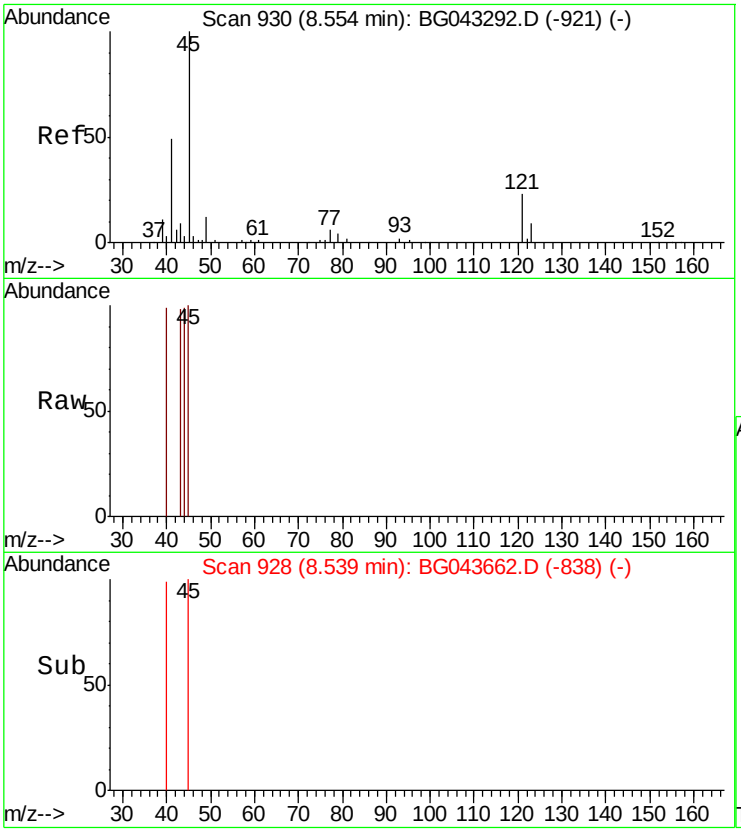


#15
Benzyl Alcohol
Concen: 2.121 ng
RT: 8.32 min Scan# 890
Delta R.T. 0.06 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 79 Resp: 2670

Ion	Ratio	Lower	Upper
79	100		
108	32.3	53.6	80.4#
77	127.7	49.6	74.4#



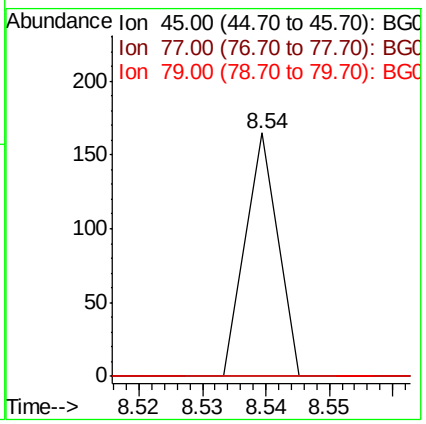


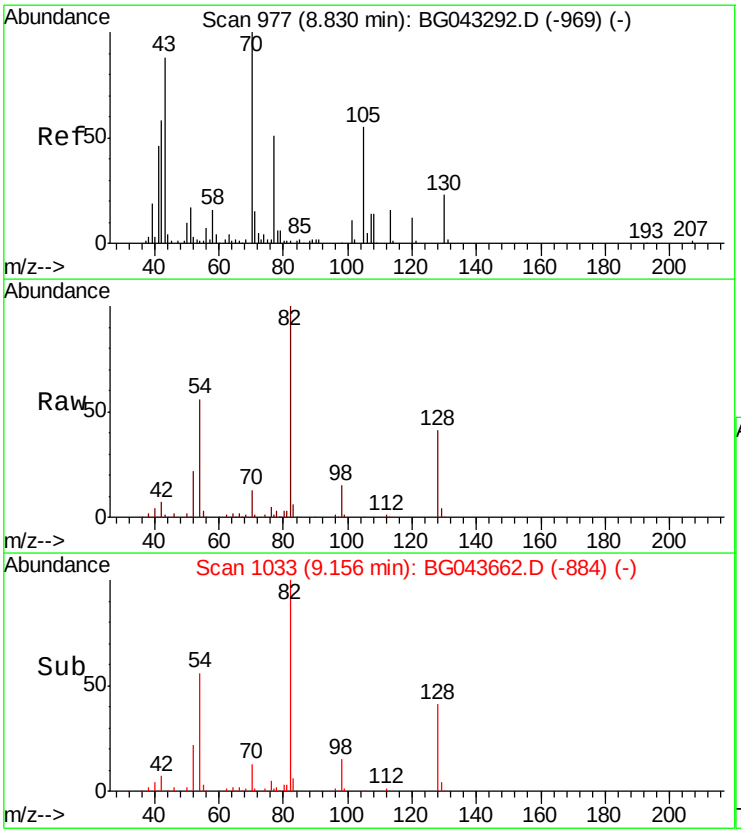
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.032 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 45 Resp: 58

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.9
79	0.0	0.0	33.0

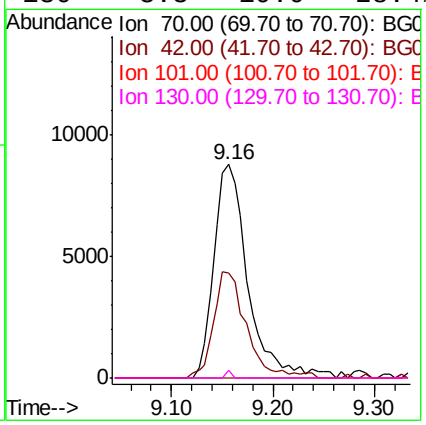


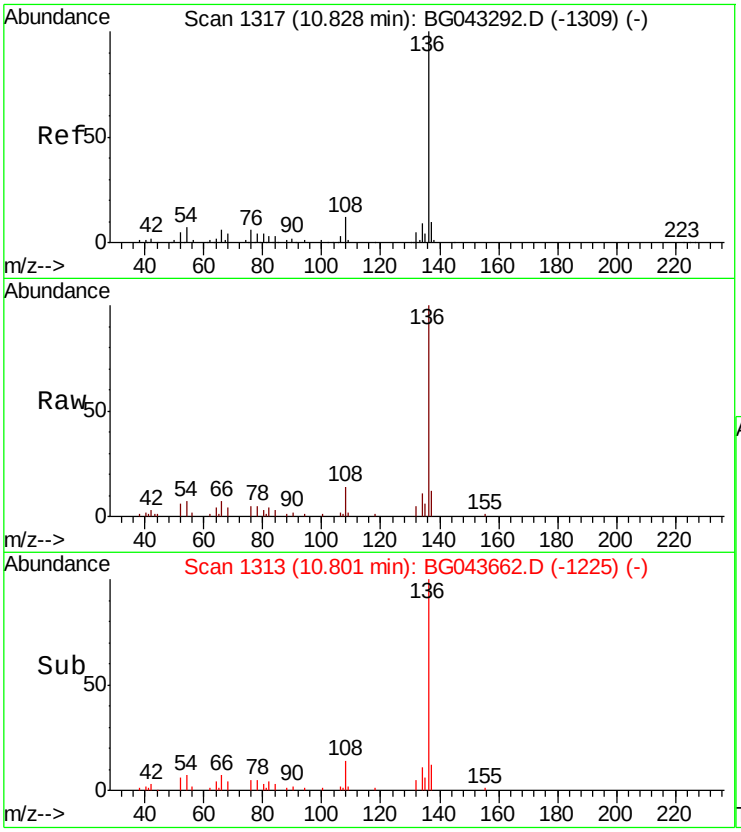


#19
n-Nitroso-di-n-propylamine
Concen: 17.626 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 70 Resp: 20412

Ion	Ratio	Lower	Upper
70	100		
42	49.3	41.4	62.2
101	0.0	7.9	11.9#
130	3.3	19.0	28.4#



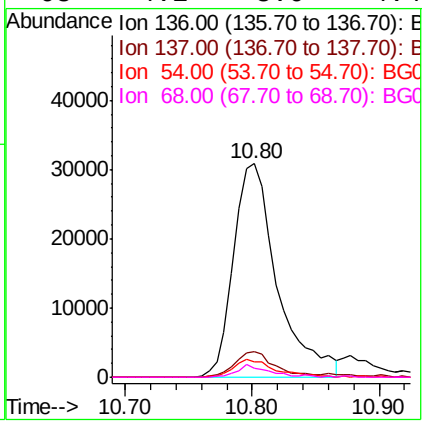


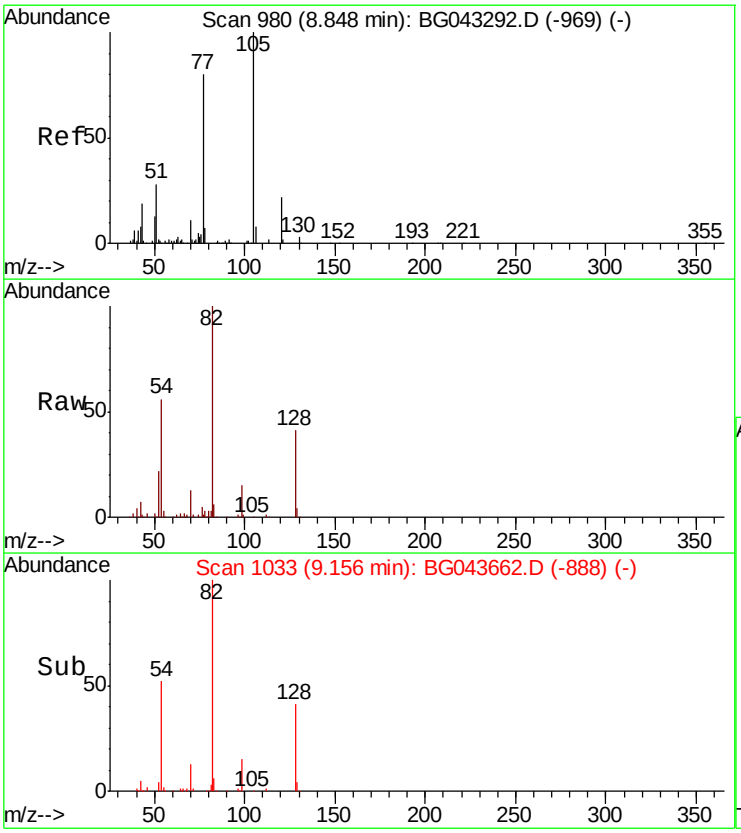
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:136 Resp: 74029

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	7.0	5.4	8.2
68	4.2	3.0	4.4

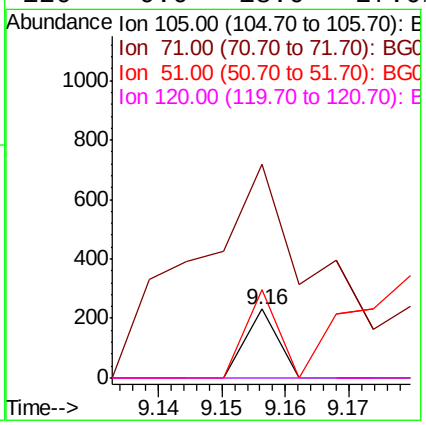


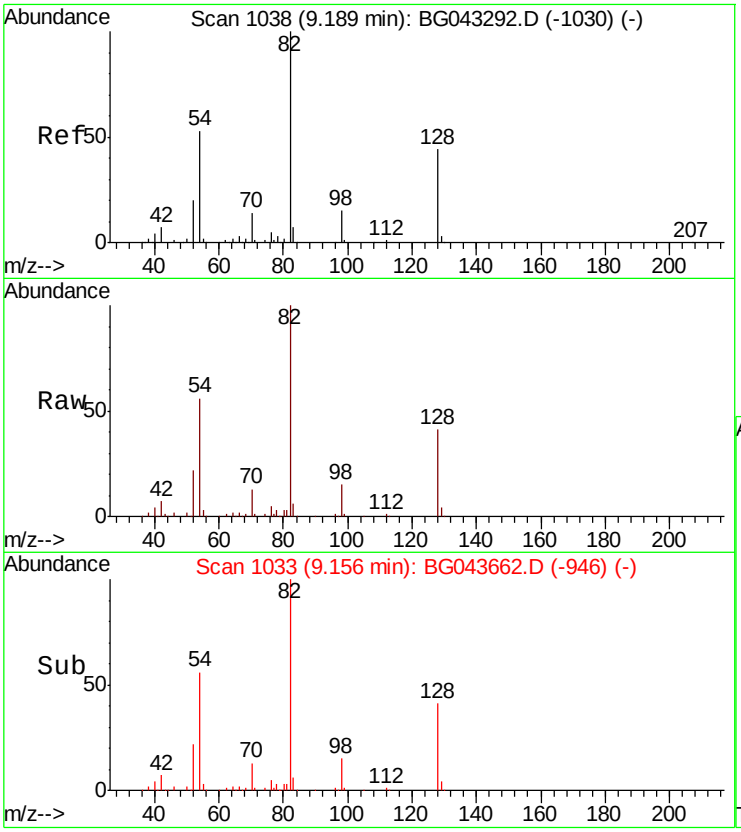


#22
Acetophenone
Concen: 0.043 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.32 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:105 Resp: 82

Ion	Ratio	Lower	Upper
105	100		
71	309.5	0.8	1.2#
51	127.2	21.0	31.4#
120	0.0	18.0	27.0#



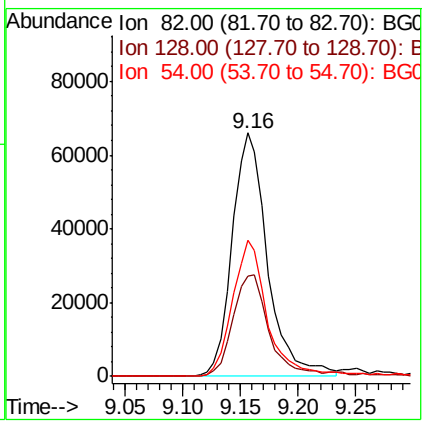


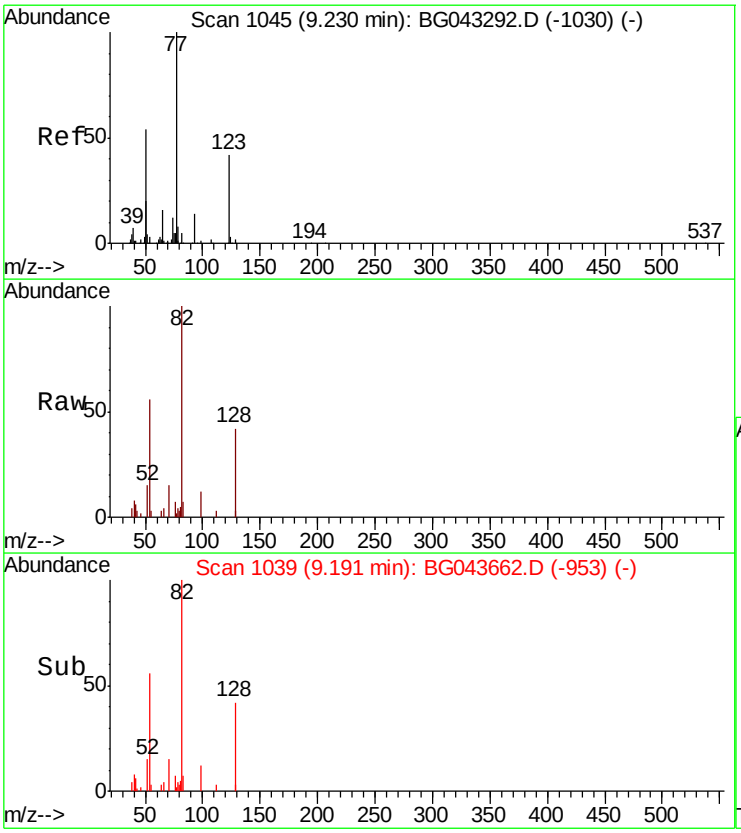
#23
Nitrobenzene-d5
Concen: 97.571 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 82 Resp: 140106

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.6
54	55.9	40.2	60.2

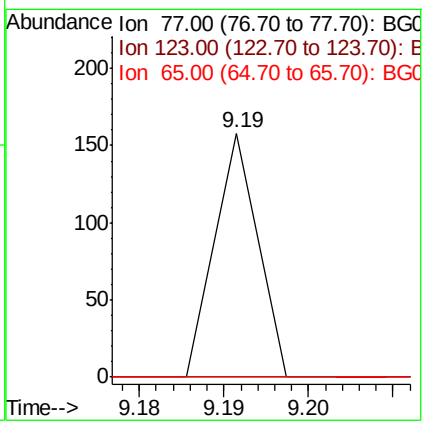


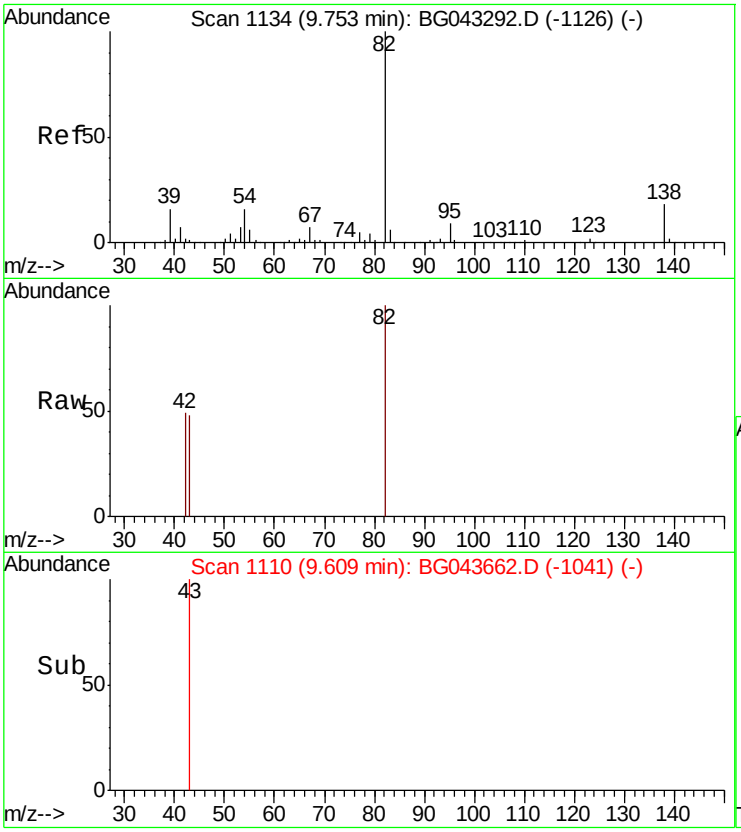


#24
Nitrobenzene
Concen: 0.041 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 77 Resp: 56

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.6#
65	0.0	9.5	14.3#



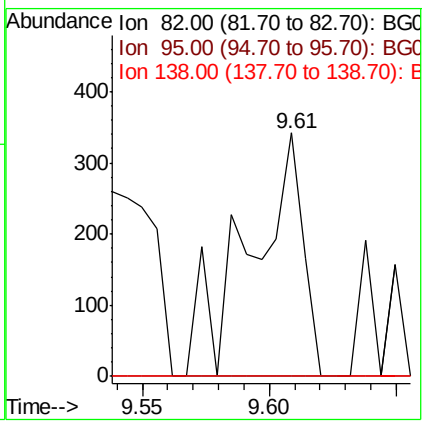


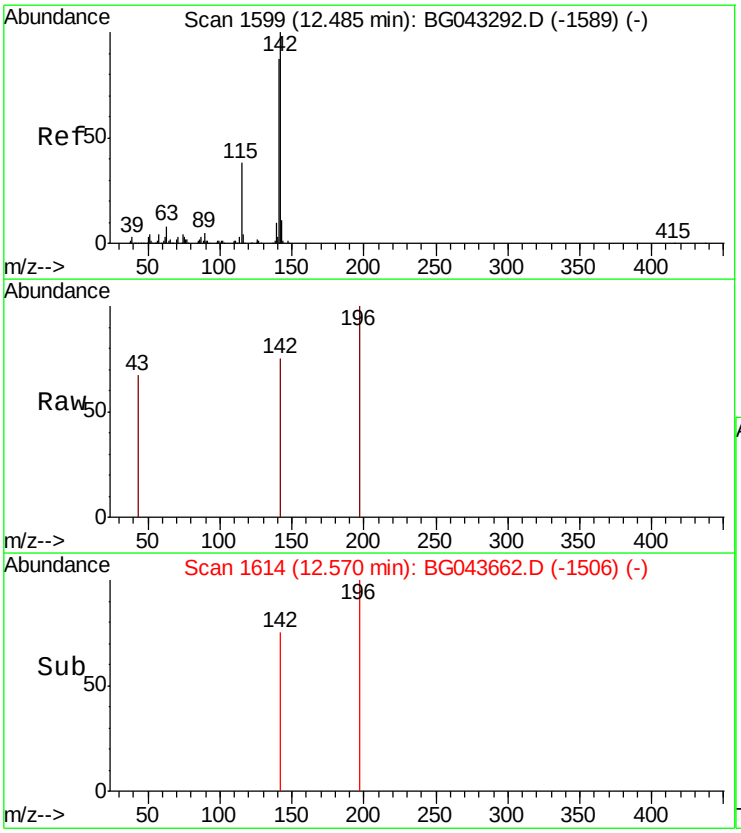
#25
Isophorone
Concen: 0.194 ng
RT: 9.61 min Scan# 1110
Delta R.T. -0.13 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 82 Resp: 510

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	15.2	22.8#

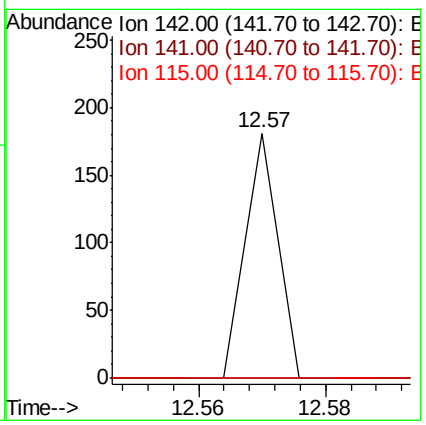


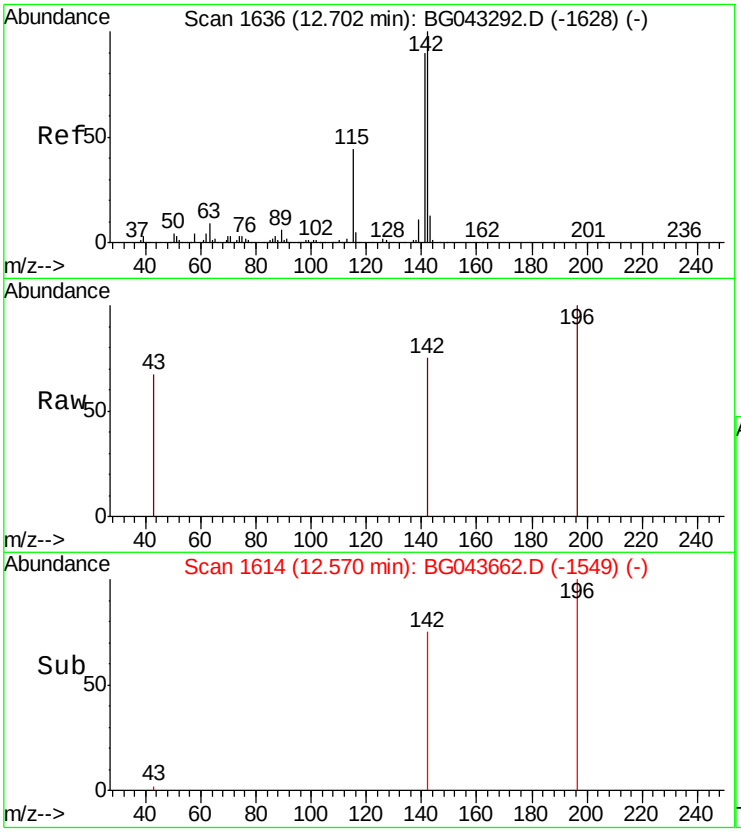


#37
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.10 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.2	108.2#
115	0.0	33.2	49.8#



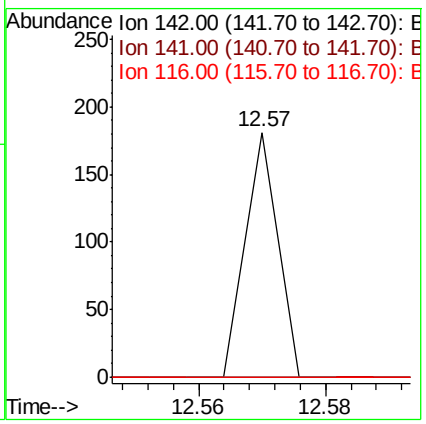


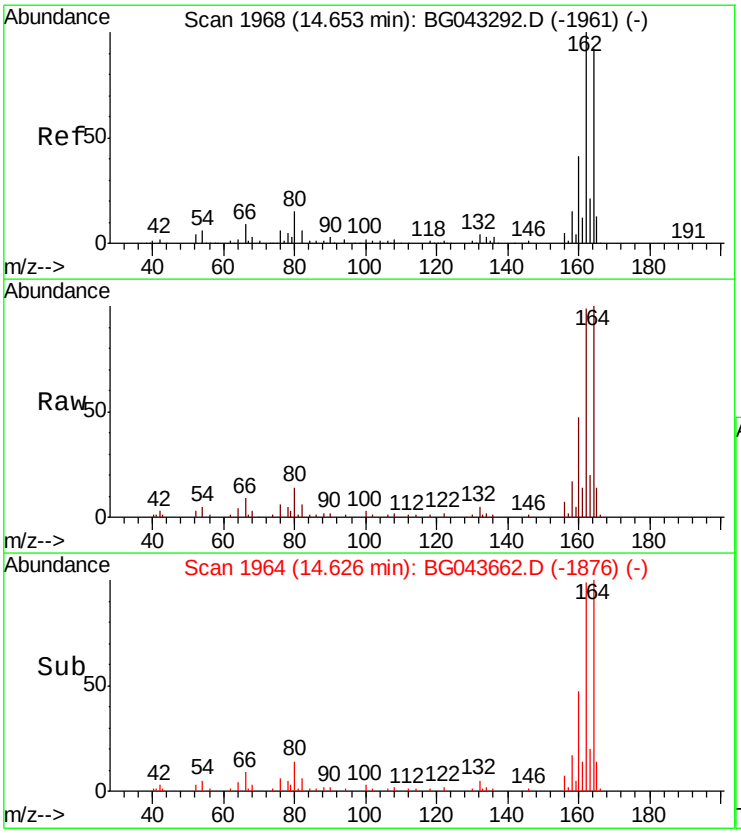
#38
1-Methylnaphthalene
Concen: 0.023 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.12 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:142 Resp: 64

Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.2	109.8#
116	0.0	3.6	5.4#

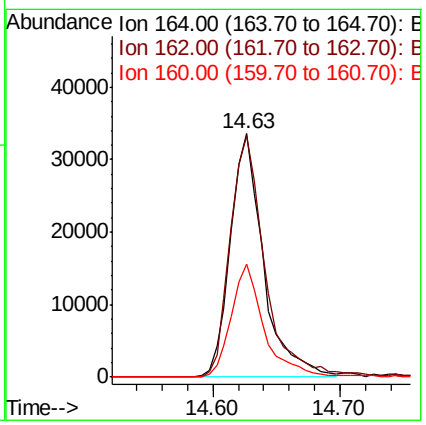


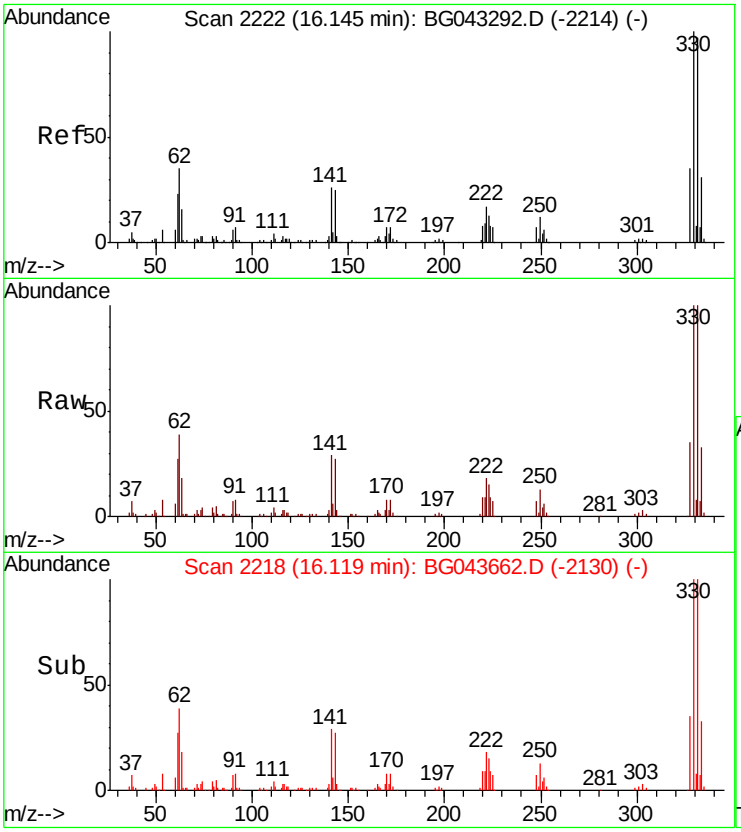


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:164 Resp: 60586

Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.5	125.3
160	46.7	36.5	54.7



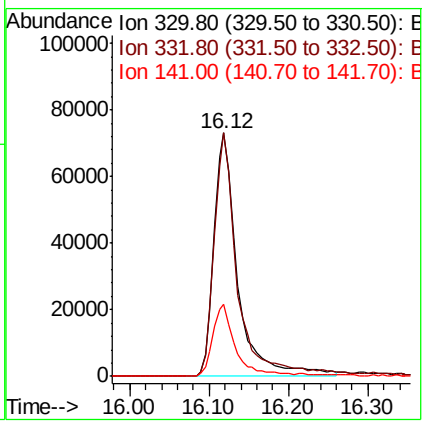


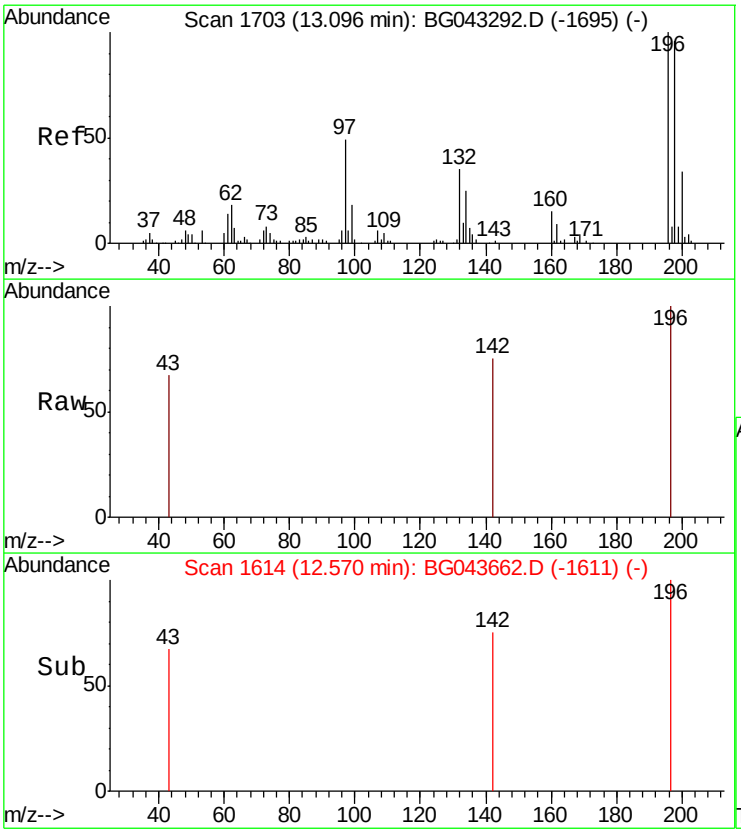
#42
2,4,6-Tribromophenol
Concen: 132.214 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:330 Resp: 152437

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	27.8	22.8	34.2

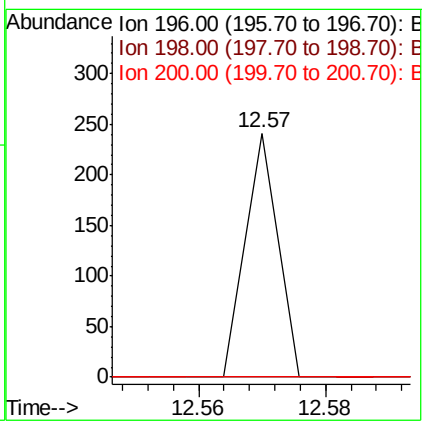


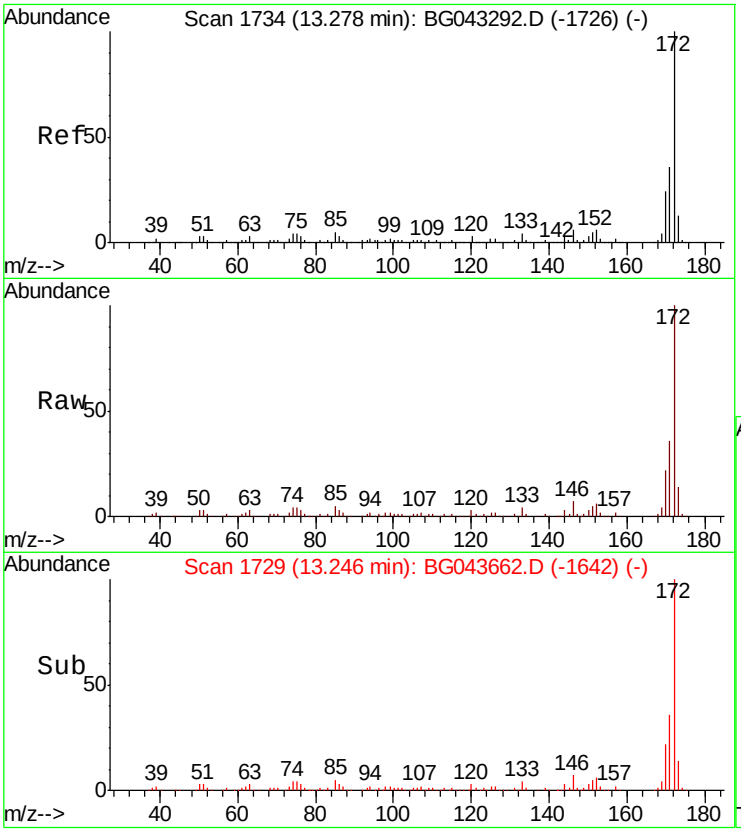


#43
2,4,6-Trichlorophenol
Concen: 0.064 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.51 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:196 Resp: 85

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.8	113.6#
200	0.0	23.9	35.9#



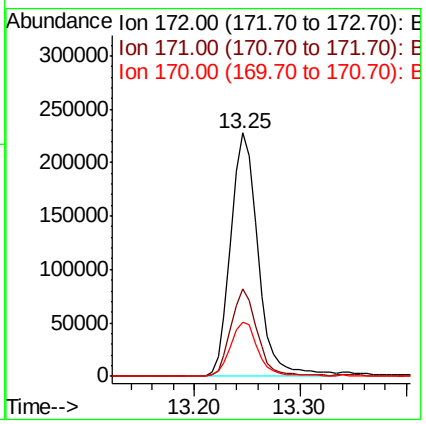


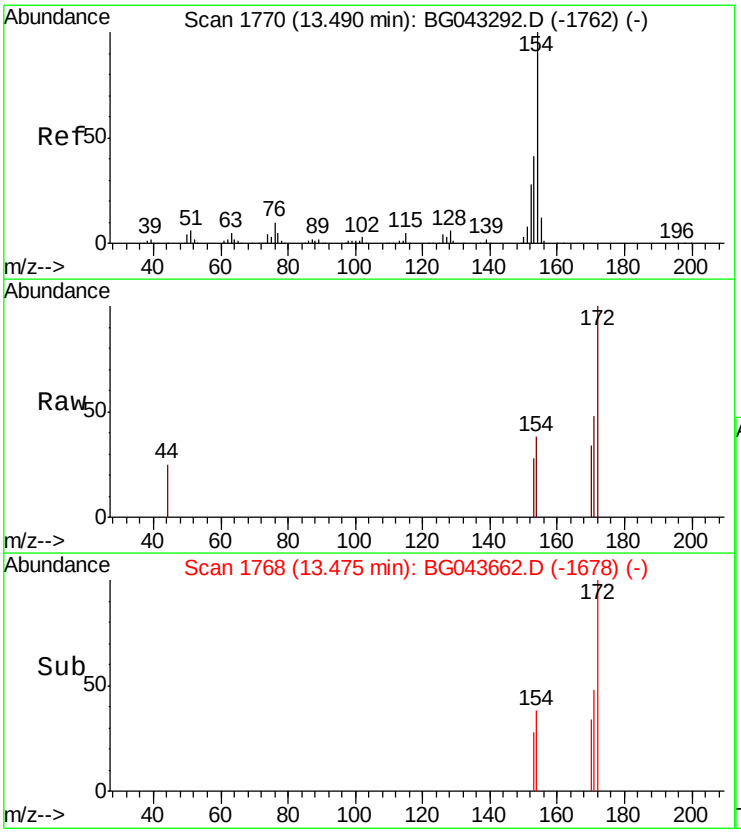
#45
2-Fluorobiphenyl
Concen: 93.399 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:172 Resp: 409515

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	22.3	18.5	27.7

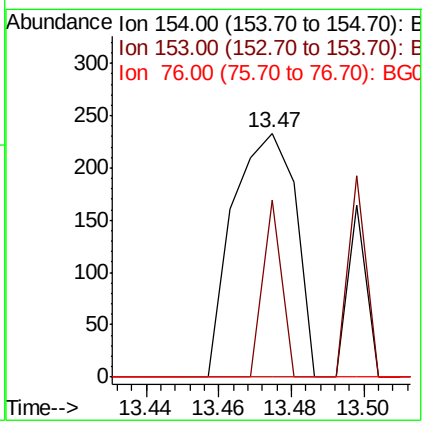


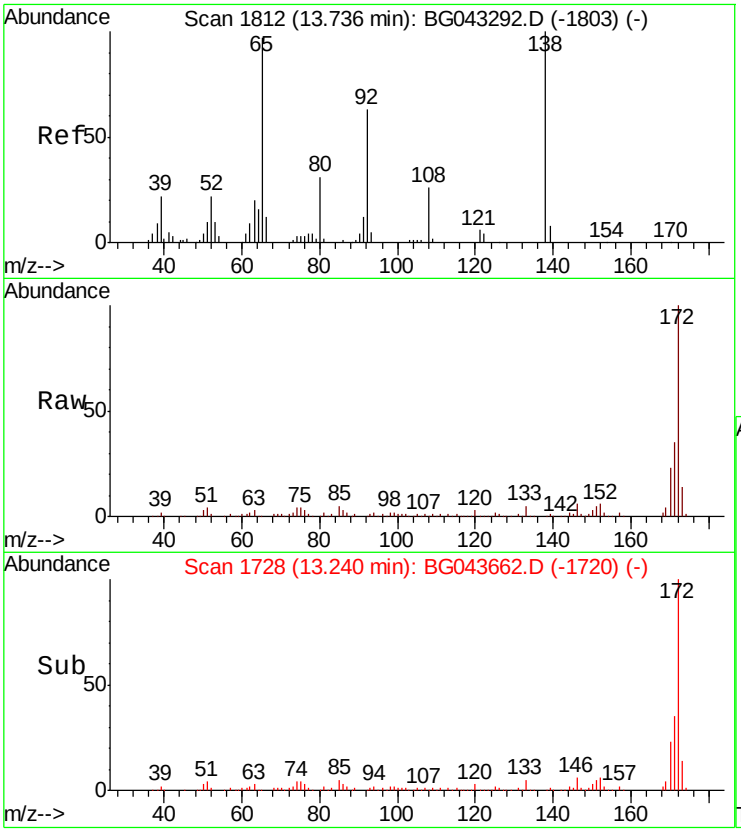


#46
1,1'-Biphenyl
Concen: 0.061 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:154 Resp: 279

Ion	Ratio	Lower	Upper
154	100		
153	72.5	19.9	59.9#
76	0.0	0.0	29.4



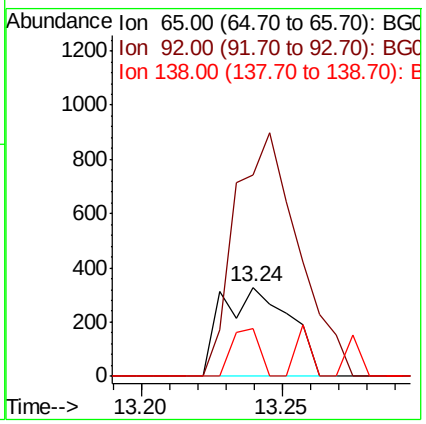


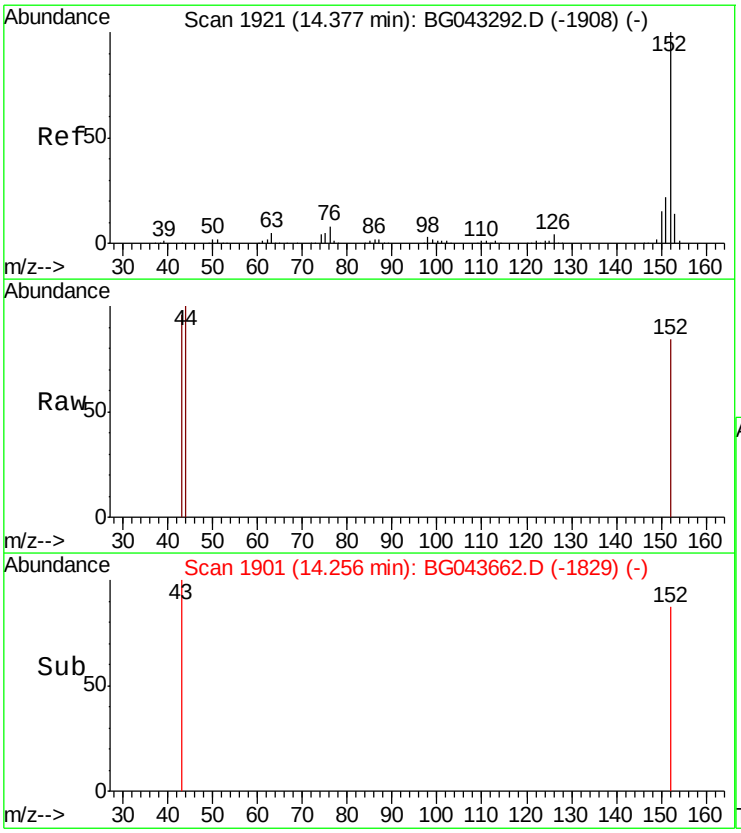
#48
2-Nitroaniline
Concen: 0.521 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.48 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion: 65 Resp: 546

Ion	Ratio	Lower	Upper
65	100		
92	226.1	56.2	84.2#
138	54.1	82.6	123.8#

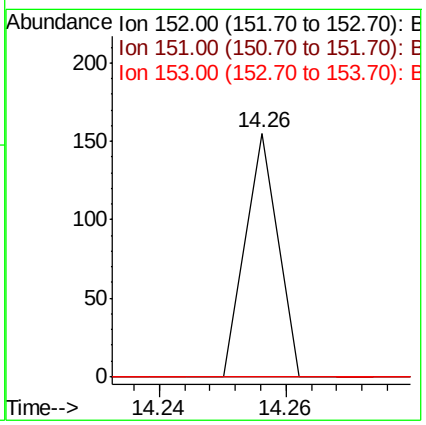


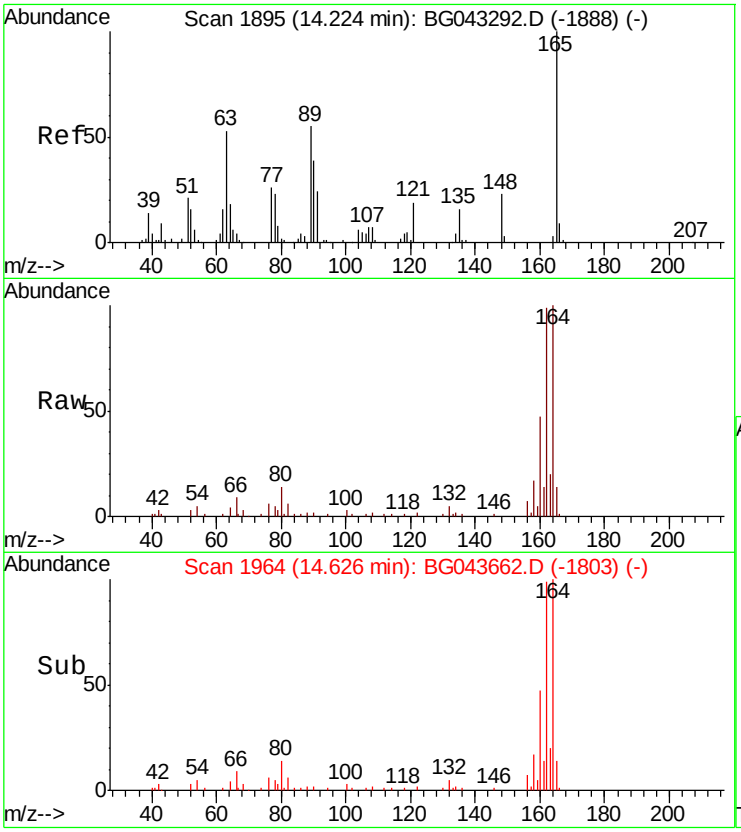


#49
Acenaphthylene
Concen: 0.010 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.11 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:152 Resp: 55

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.4#
153	0.0	10.6	15.8#



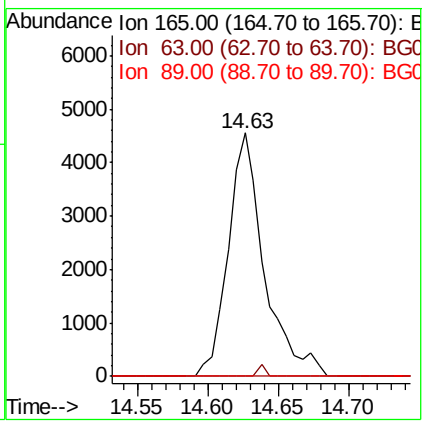


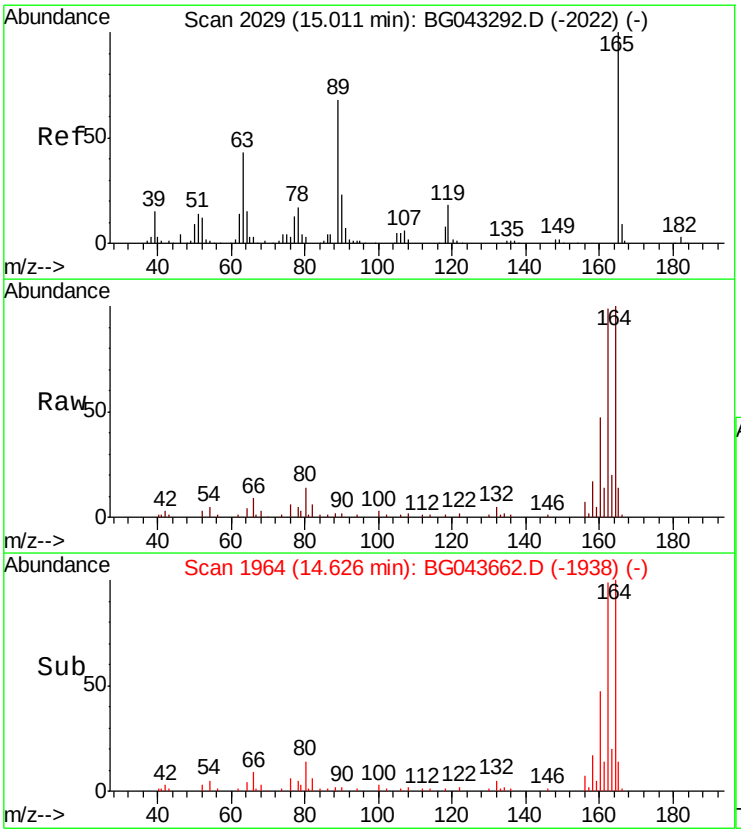
#51
2,6-Dinitrotoluene
Concen: 7.922 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.41 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:165 Resp: 8077

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#

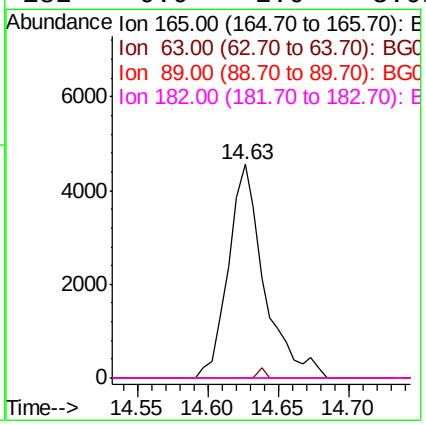


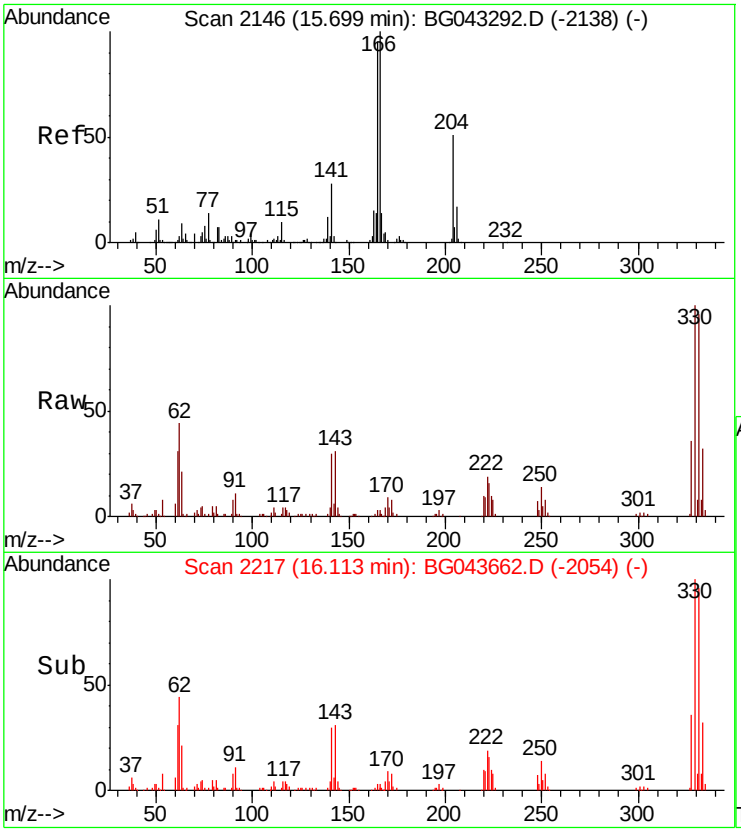


#57
2,4-Dinitrotoluene
Concen: 5.544 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.38 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:165 Resp: 8077

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



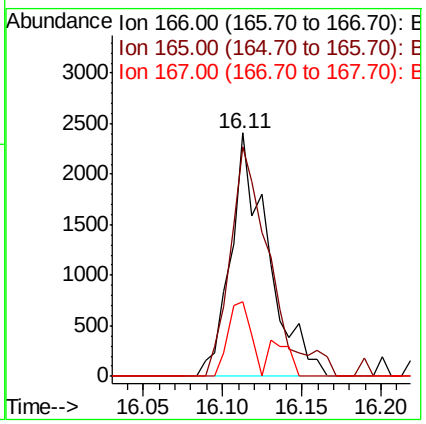


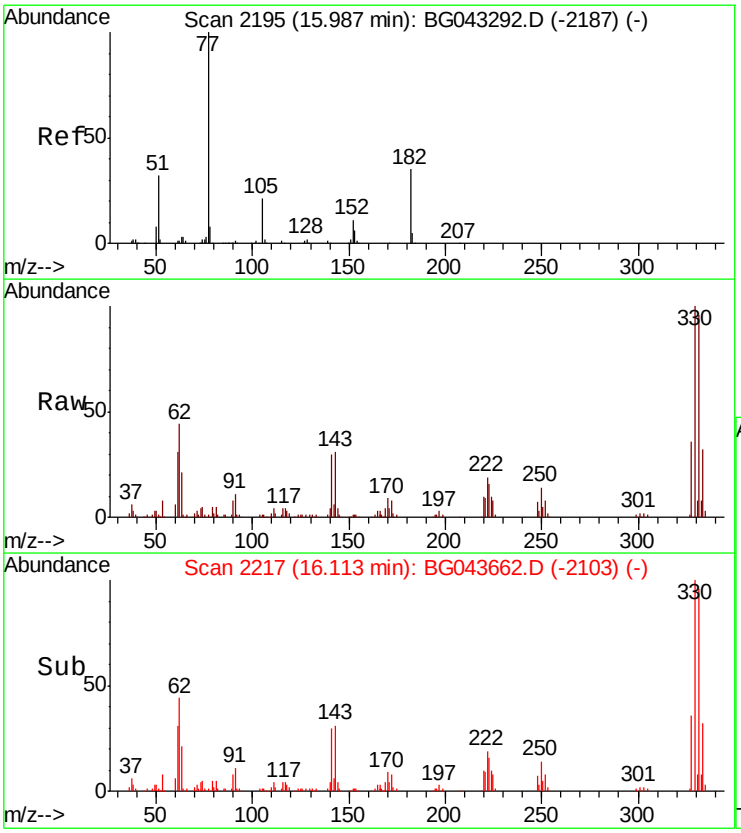
#58
Fluorene
Concen: 0.876 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.43 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:166 Resp: 3964

Ion	Ratio	Lower	Upper
166	100		
165	94.3	79.0	118.6
167	30.9	10.5	15.7#

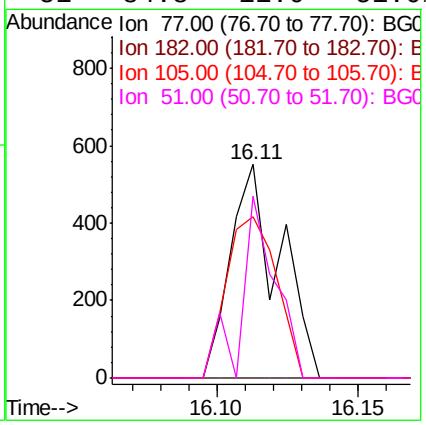


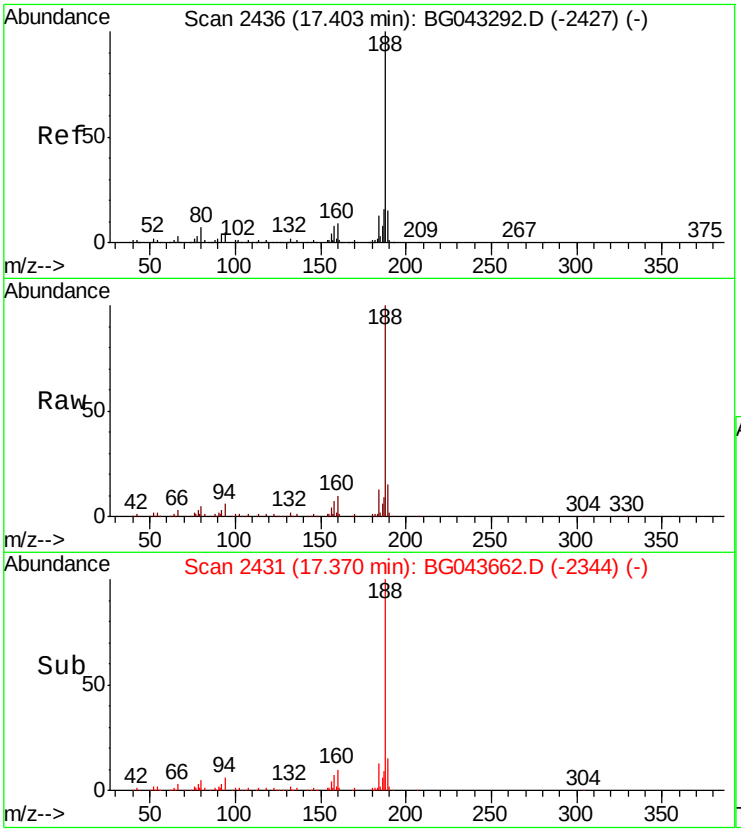


#63
Azobenzene
Concen: 0.174 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.14 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion: 77 Resp: 663

Ion	Ratio	Lower	Upper
77	100		
182	0.0	13.7	53.7#
105	75.7	0.4	40.4#
51	84.8	11.0	51.0#



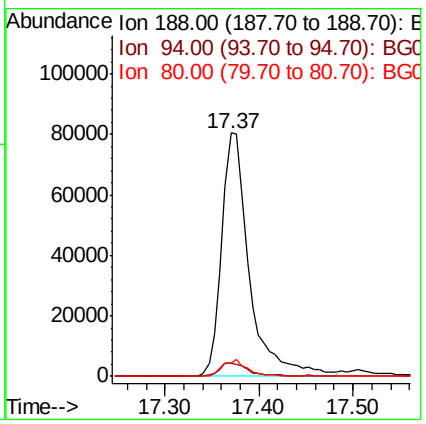


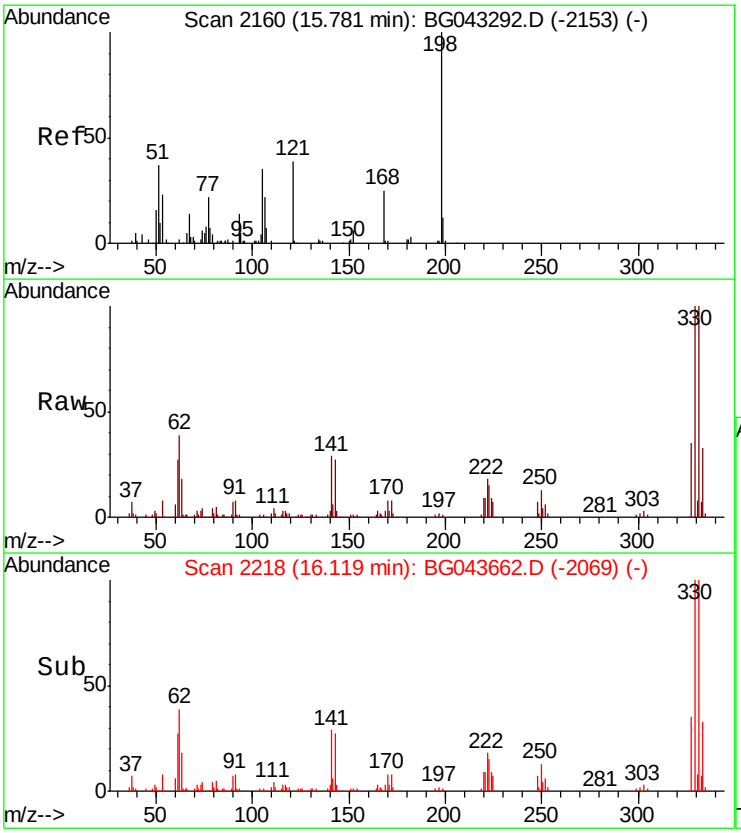
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:188 Resp: 165659

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	5.2	4.5	6.7

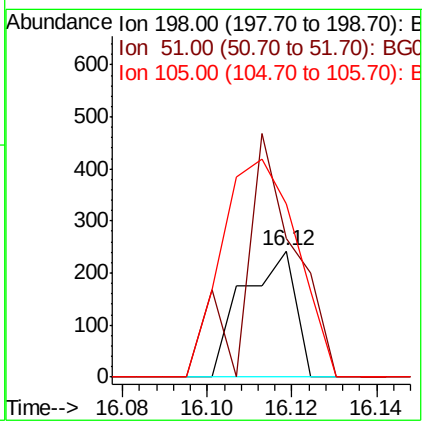


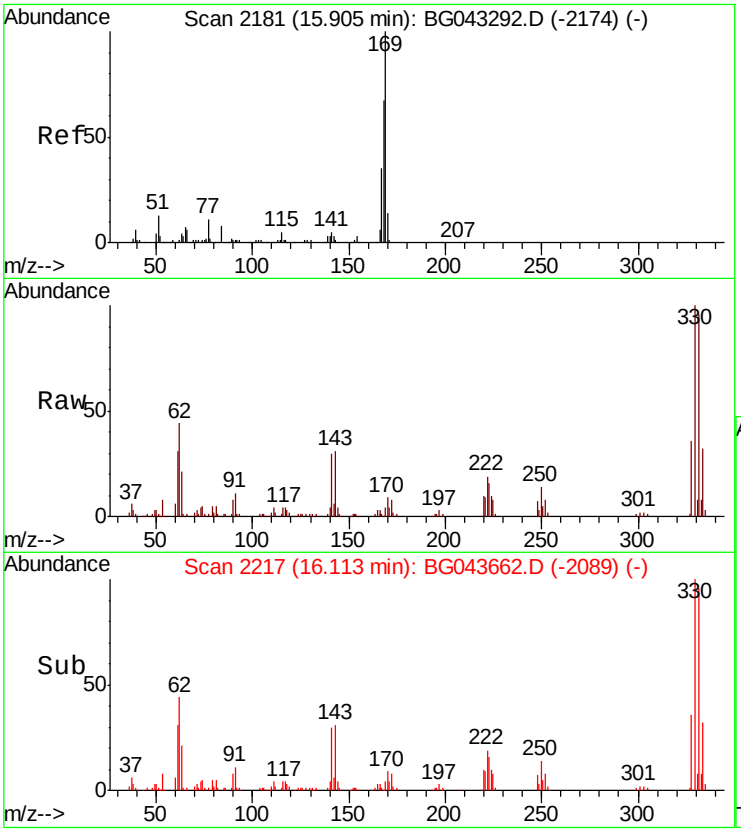


#65
4,6-Dinitro-2-methylphenol
Concen: 0.214 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.34 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:198 Resp: 209

Ion	Ratio	Lower	Upper
198	100		
51	30.1	13.2	53.2
105	37.5	15.8	55.8



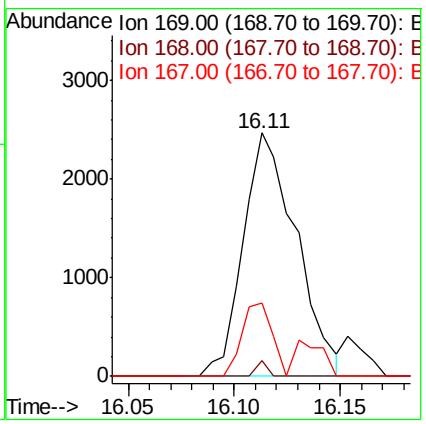


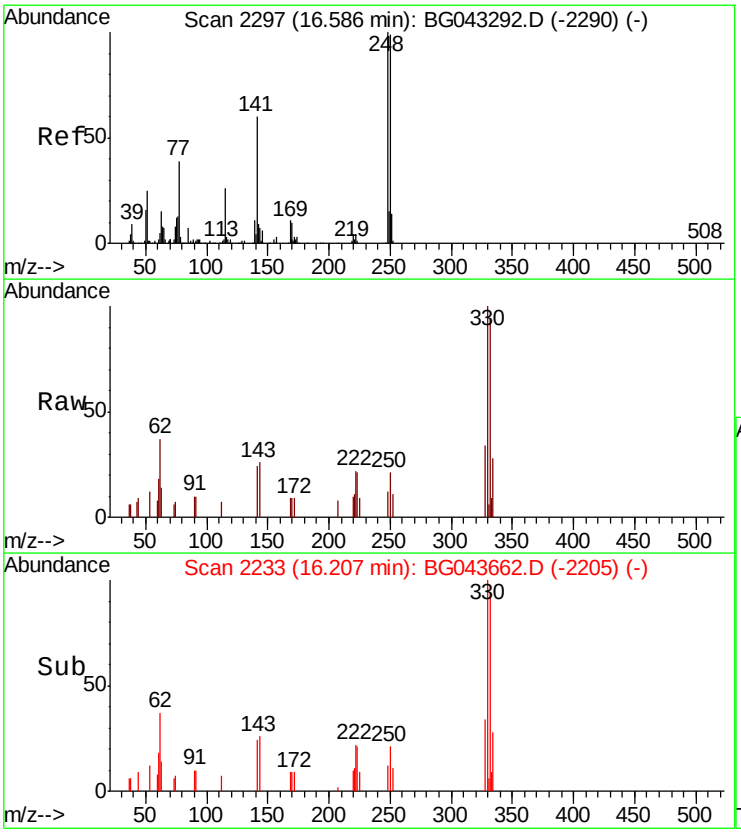
#66
n-Nitrosodiphenylamine
Concen: 0.921 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.22 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:169 Resp: 4308

Ion	Ratio	Lower	Upper
169	100		
168	6.3	53.8	80.6#
167	30.1	27.5	41.3

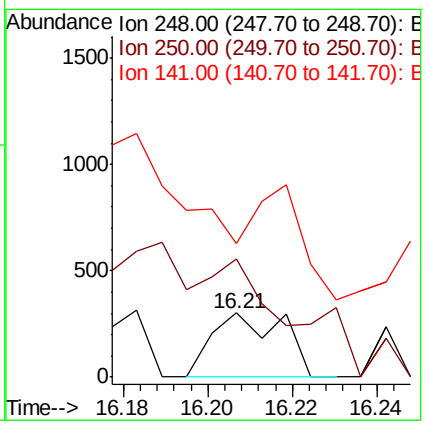


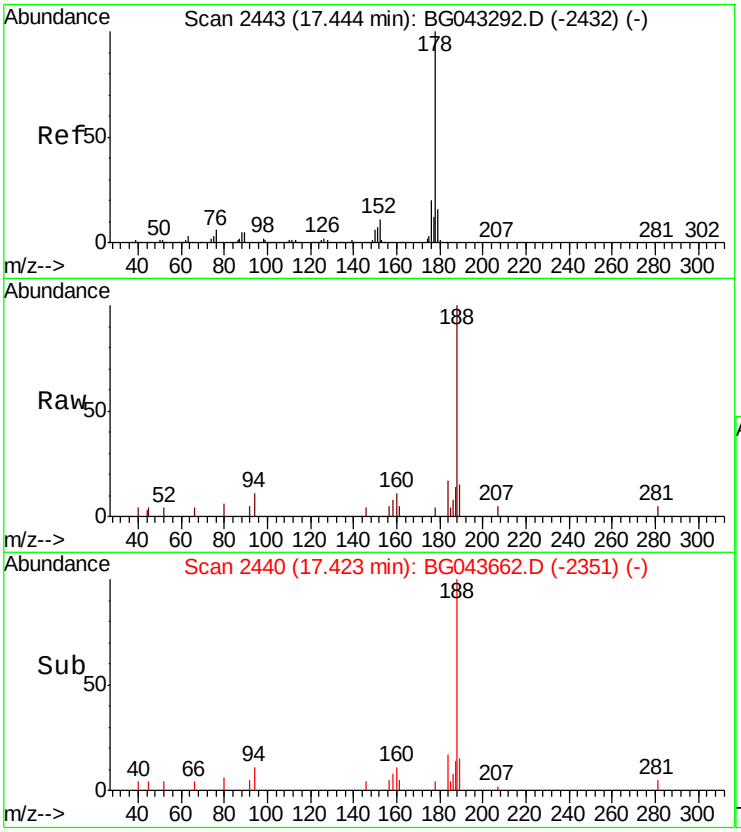


#67
4-Bromophenyl-phenylether
Concen: 0.157 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.37 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:248 Resp: 349

Ion	Ratio	Lower	Upper
248	100		
250	183.4	77.0	115.4#
141	208.6	47.5	71.3#



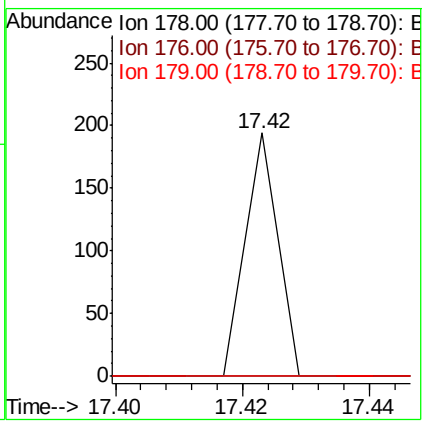


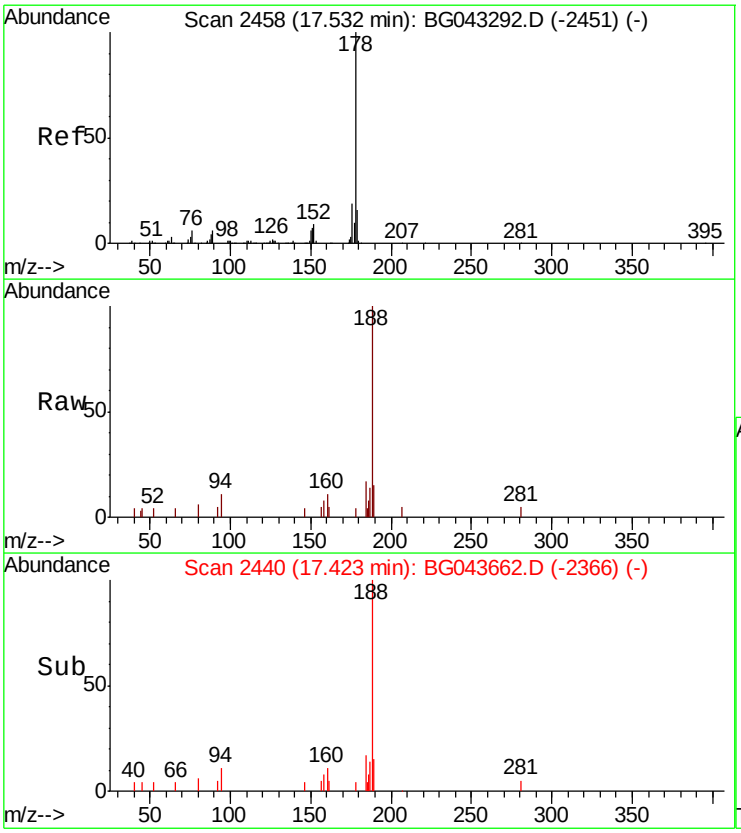
#71
Phenanthrene
Concen: 0.008 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:178 Resp: 68

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	13.0	19.6#

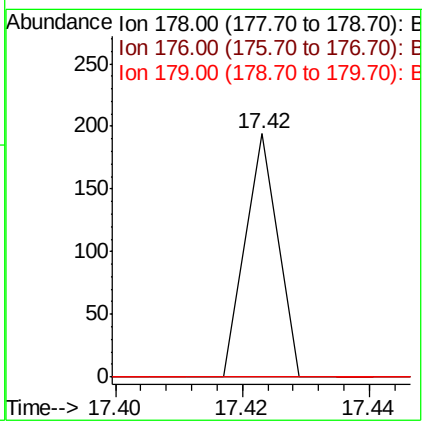


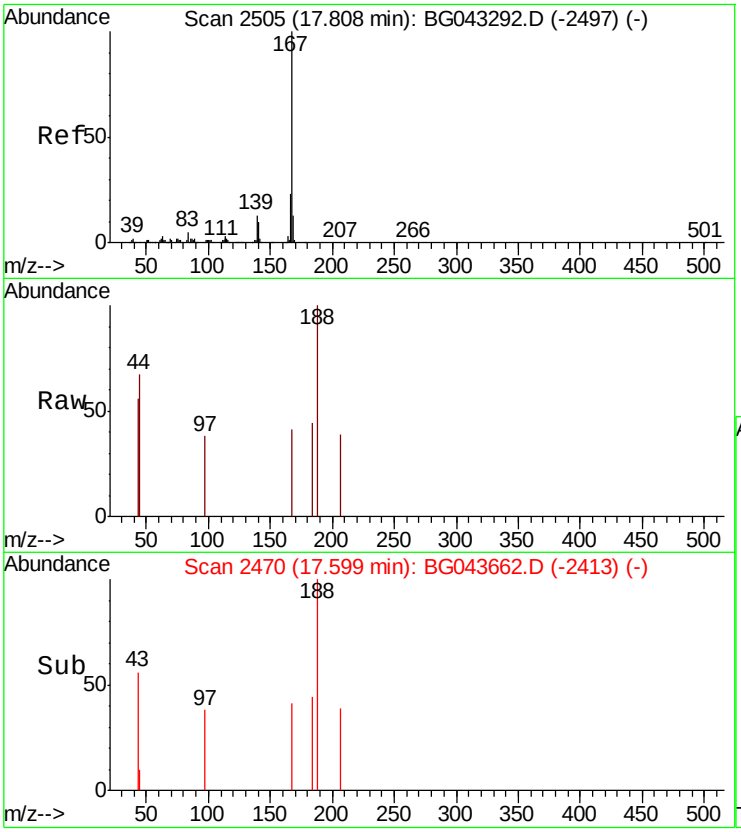


#72
Anthracene
Concen: 0.008 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.10 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:178 Resp: 68

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	13.7	20.5#



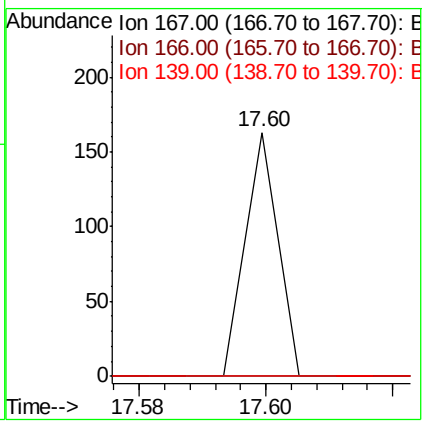


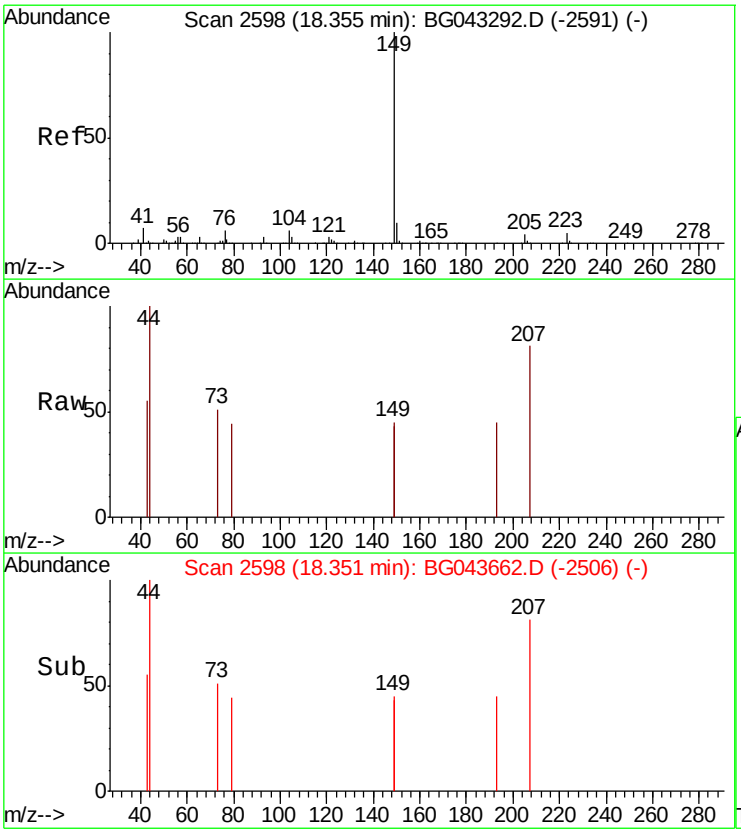
#73
Carbazole
Concen: 0.007 ng
RT: 17.60 min Scan# 2470
Delta R.T. -0.20 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:167 Resp: 57

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.7	28.1#
139	0.0	10.0	15.0#

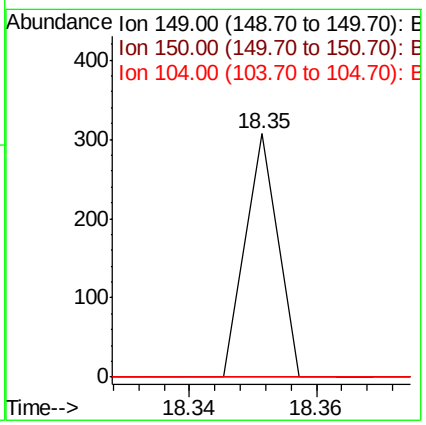


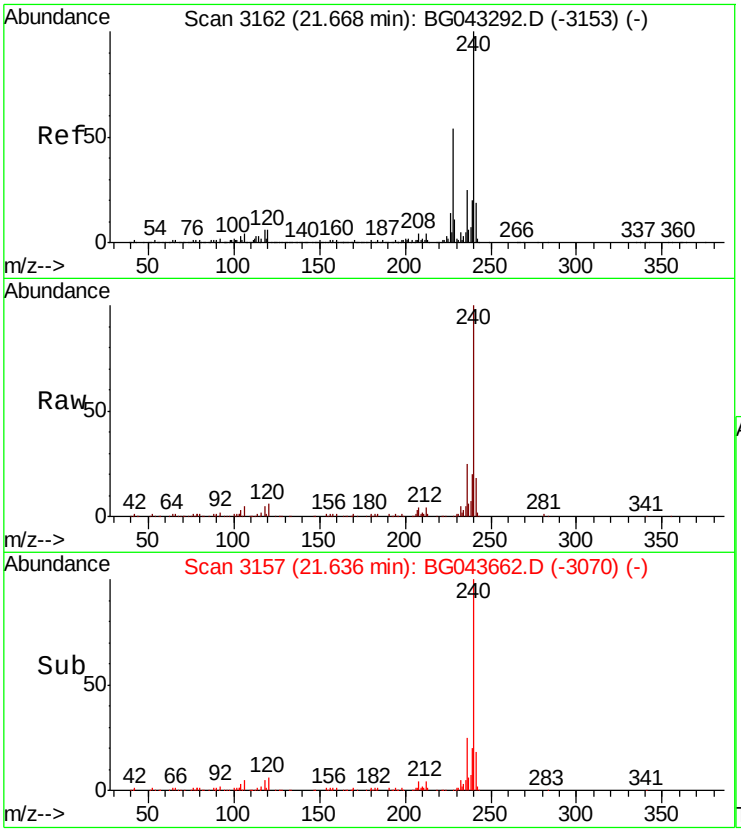


#74
Di-n-butylphthalate
Concen: 0.012 ng
RT: 18.35 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:149 Resp: 108

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.0	12.0#
104	0.0	4.4	6.8#



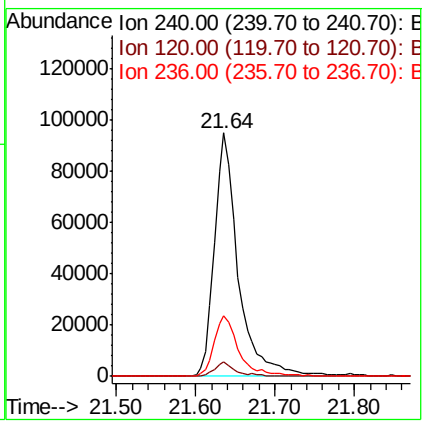


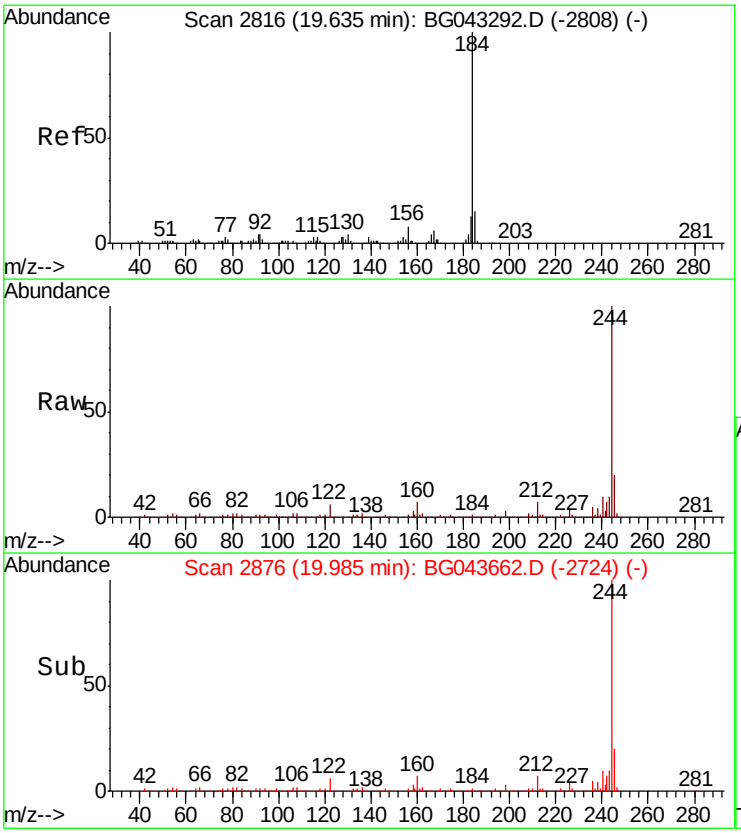
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:240 Resp: 198180

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	6.8
236	24.8	19.8	29.8

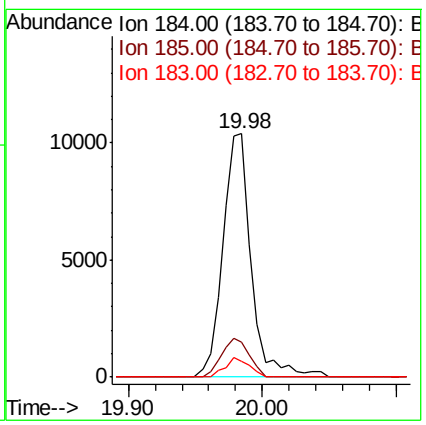


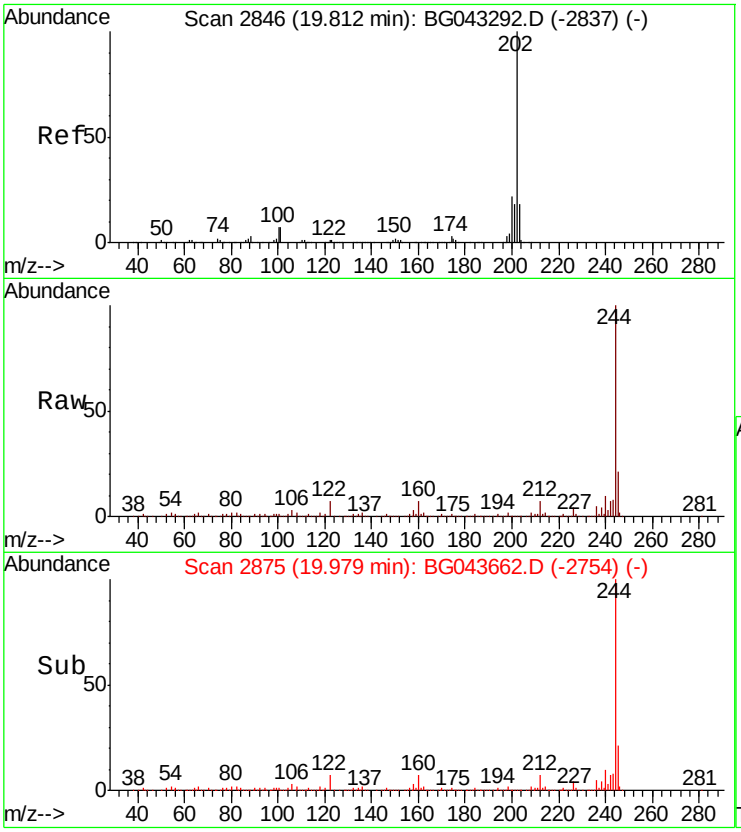


#77
Benzidine
Concen: 3.877 ng
RT: 19.98 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:184 Resp: 15462

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.0	16.4
183	6.6	10.0	15.0#



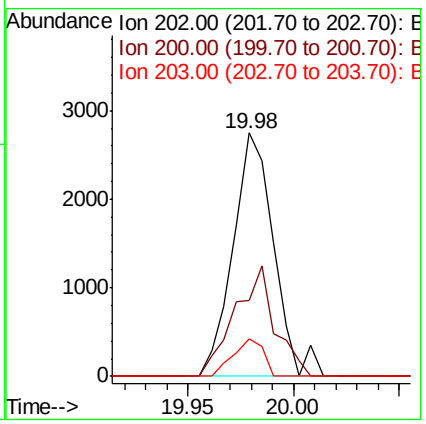


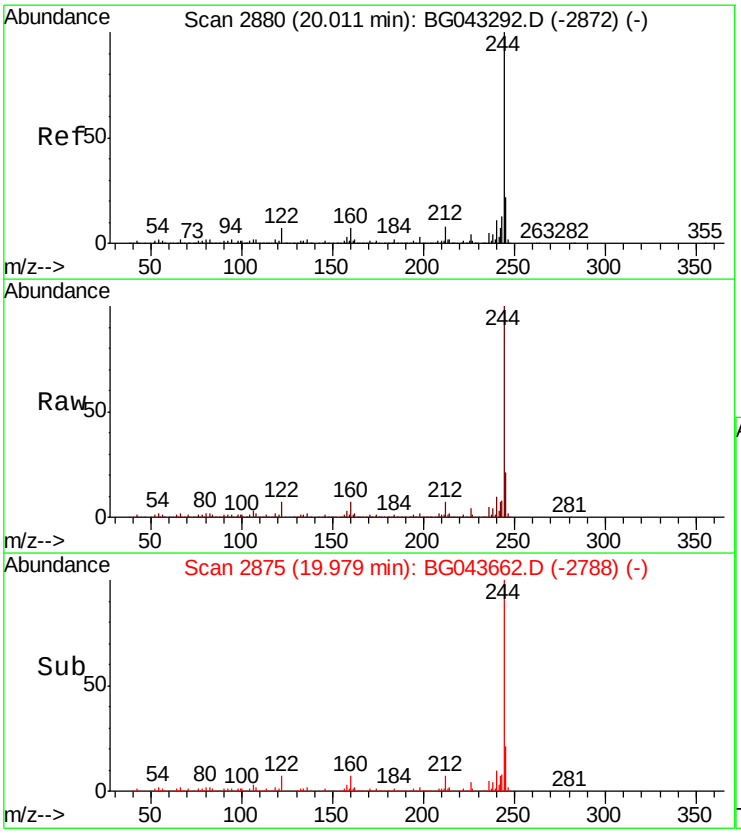
#78
Pyrene
Concen: 0.299 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.18 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:202 Resp: 3667

Ion	Ratio	Lower	Upper
202	100		
200	31.0	17.0	25.4#
203	15.2	14.7	22.1

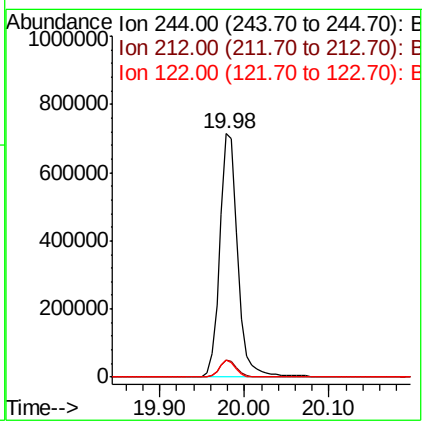


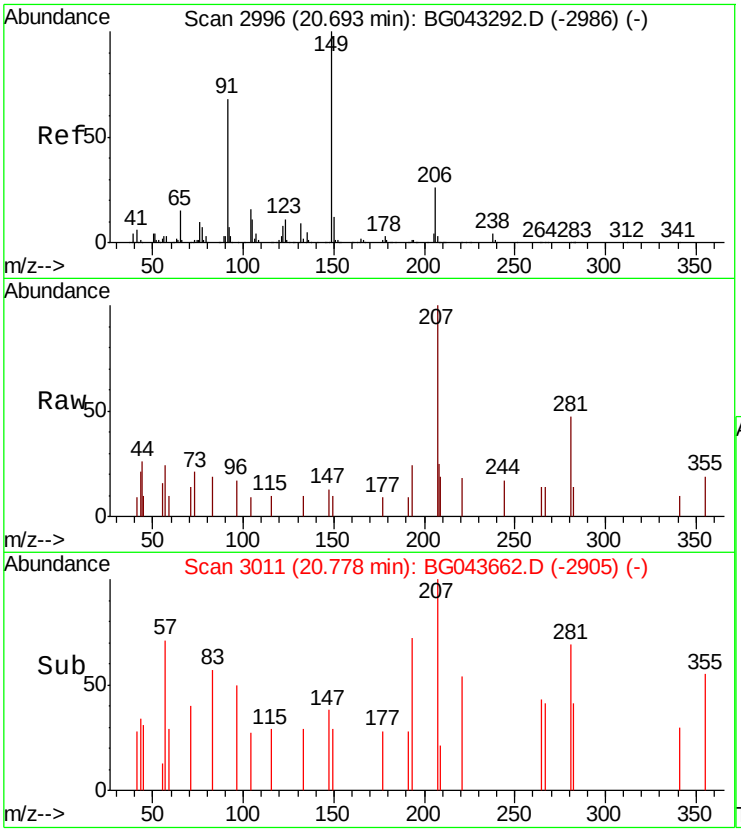


#79
Terphenyl-d14
Concen: 99.661 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:244 Resp: 1052788

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.8	5.4	8.2



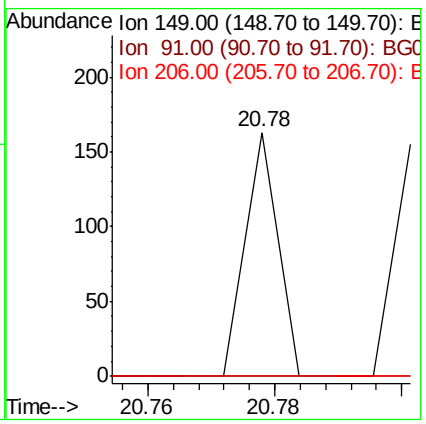


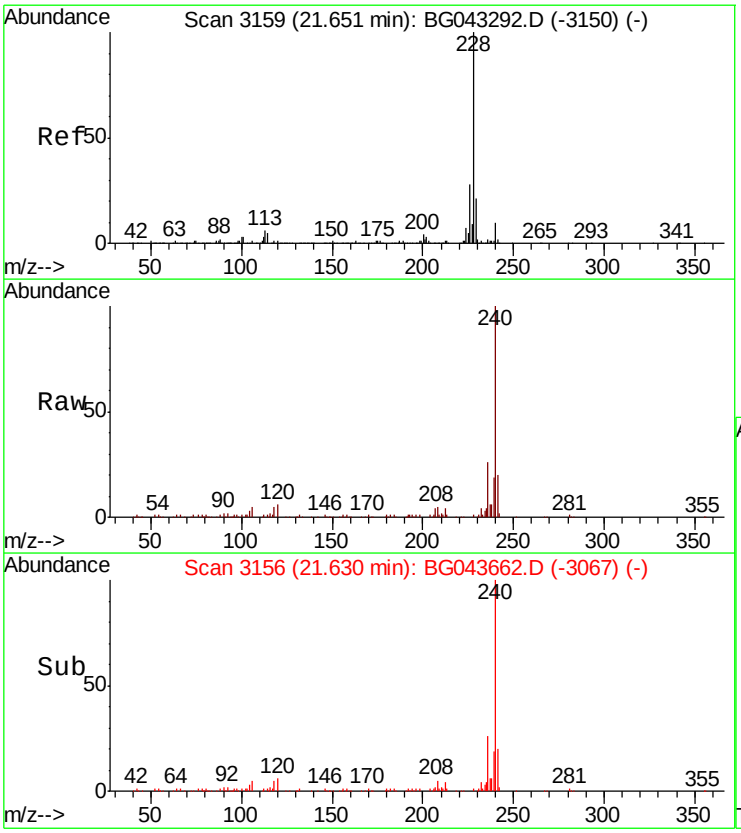
#80
Butylbenzylphthalate
Concen: 0.012 ng
RT: 20.78 min Scan# 3011
Delta R.T. 0.09 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:149 Resp: 57

Ion	Ratio	Lower	Upper
149	100		
91	0.0	51.2	76.8#
206	0.0	22.5	33.7#

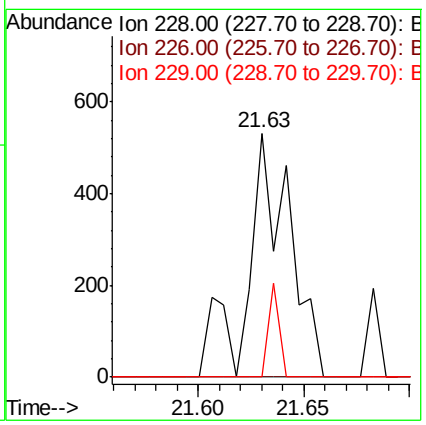


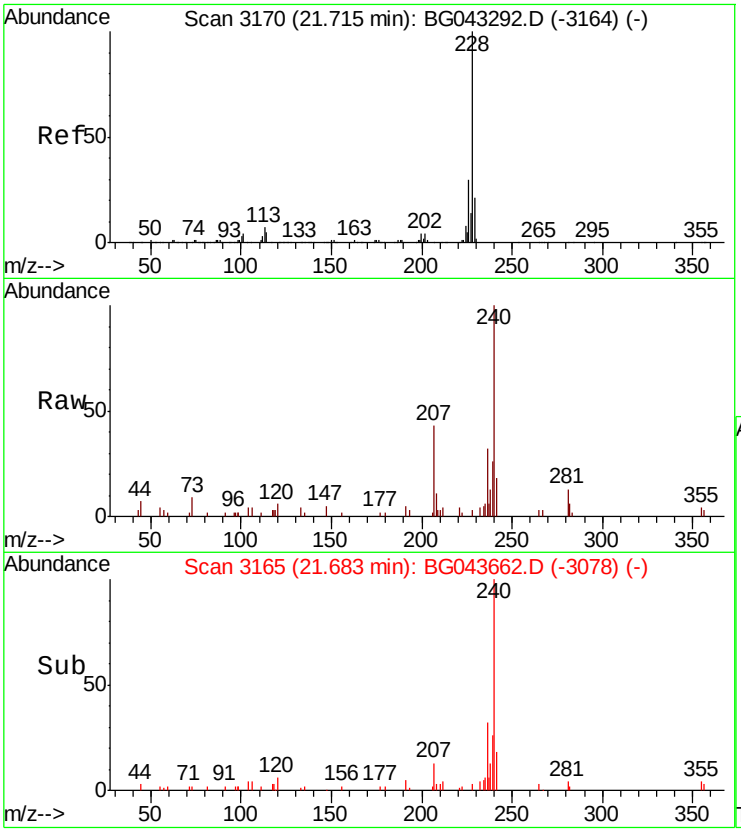


#81
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:228 Resp: 746

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.2#
229	0.0	17.0	25.4#



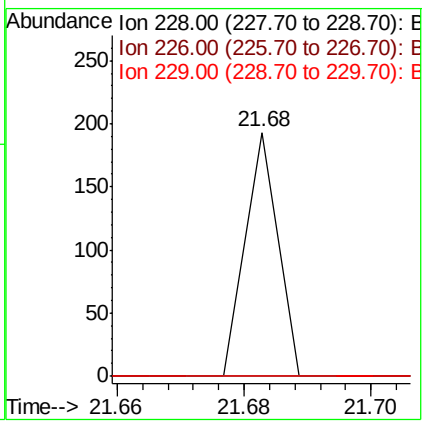


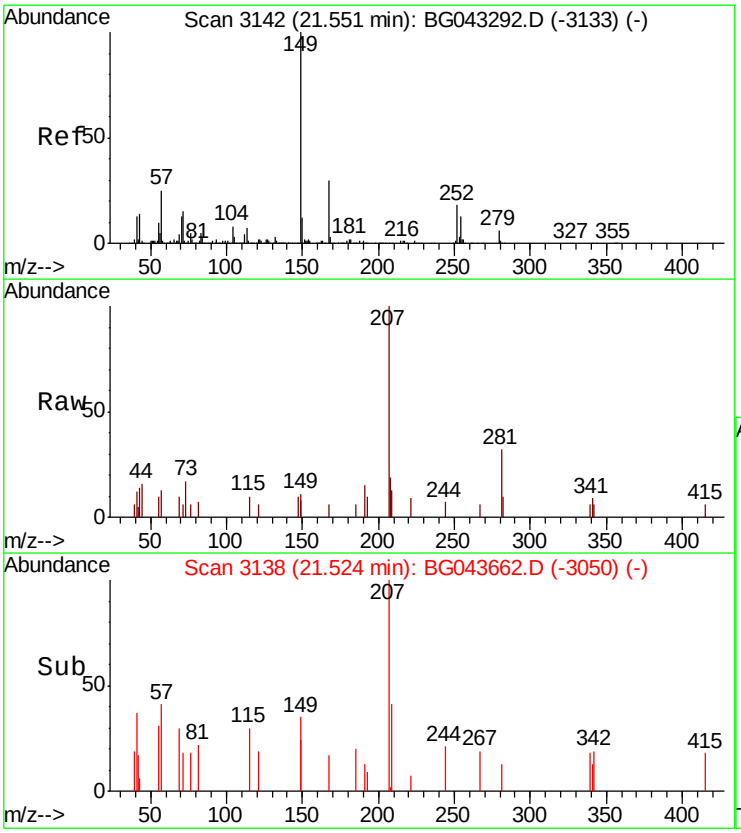
#83
Chrysene
Concen: 0.006 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:228 Resp: 68

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.1	37.7#
229	0.0	17.0	25.4#

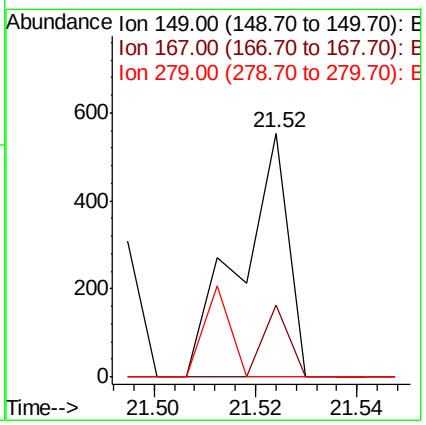


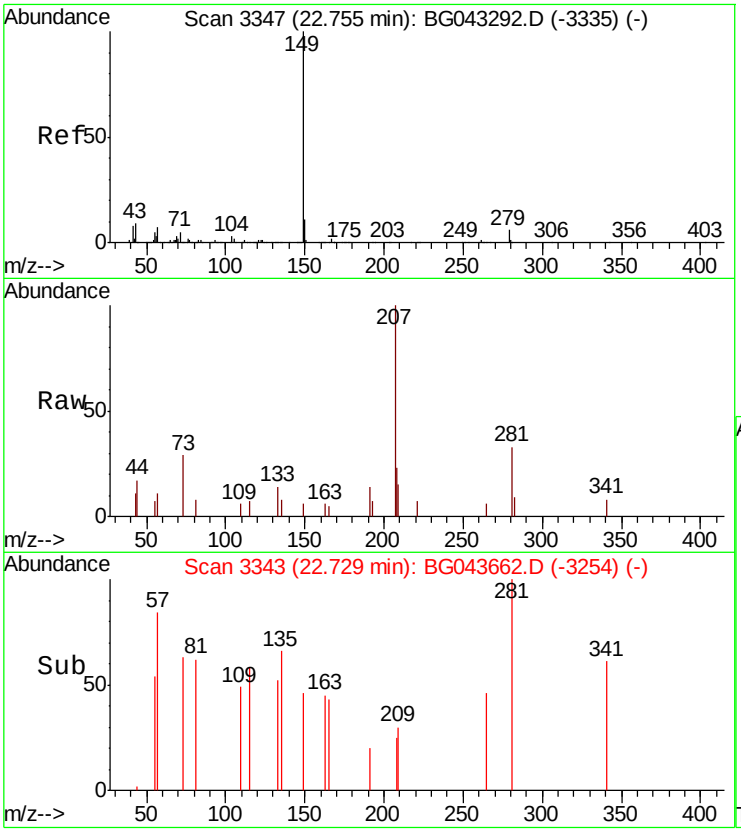


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:149 Resp: 366

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	0.0	5.4	8.2#



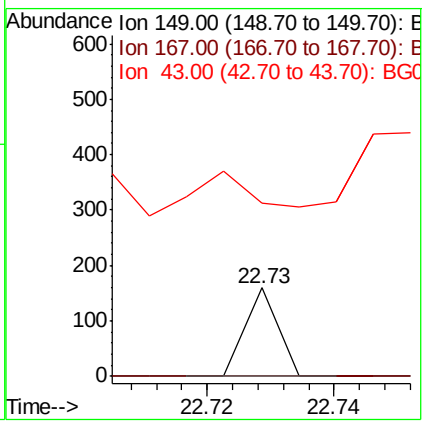


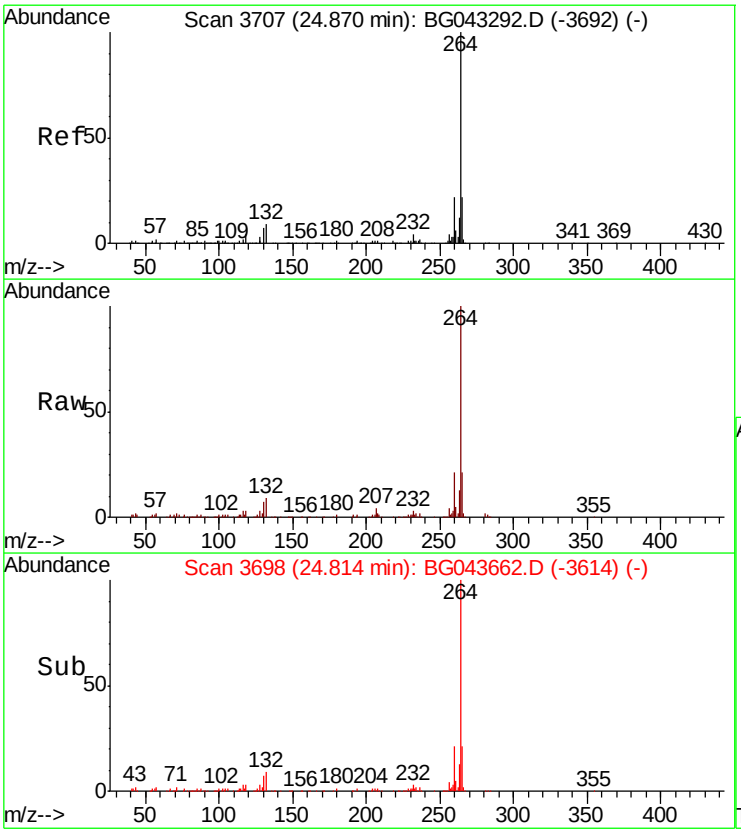
#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument : BNA_G
ClientSampleId : HD-02-111319

Tgt Ion:149 Resp: 56

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	0.0	7.0	10.6#

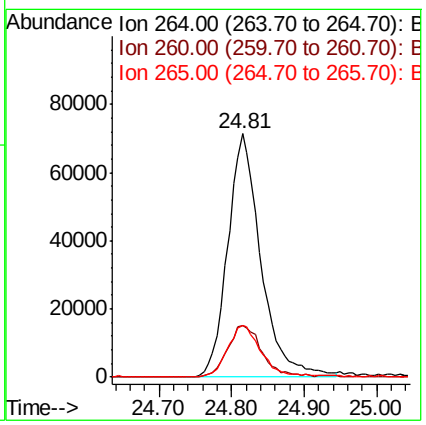


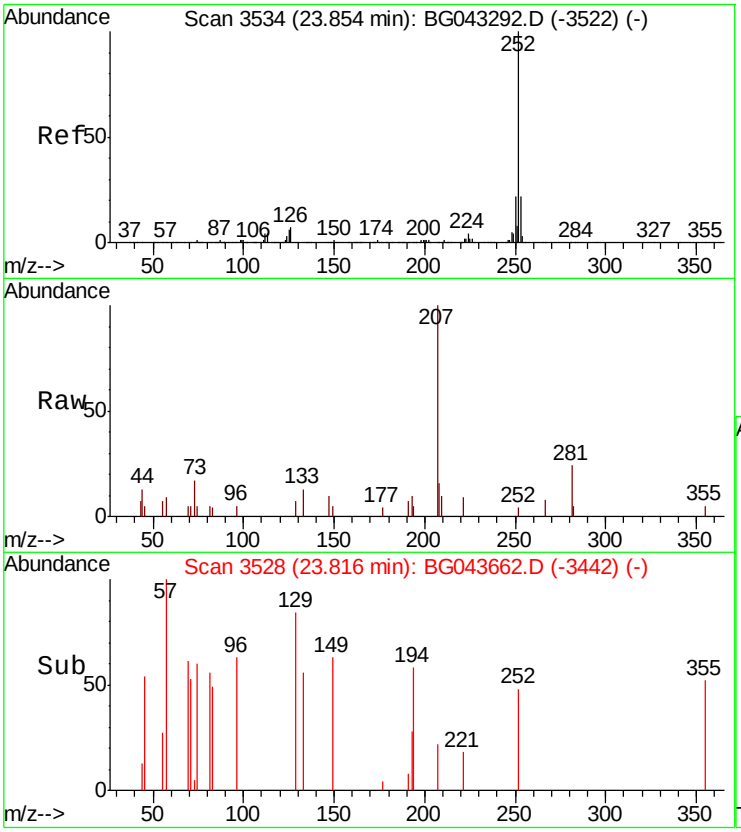


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:264 Resp: 226365

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.5	26.3
265	21.3	17.4	26.0



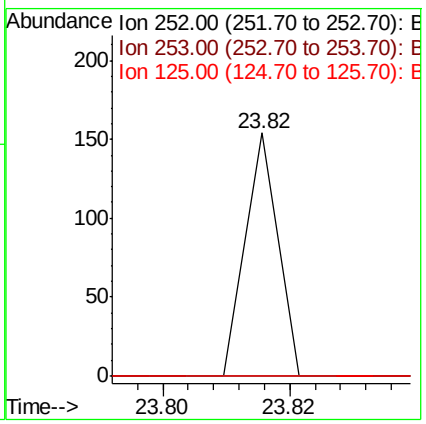


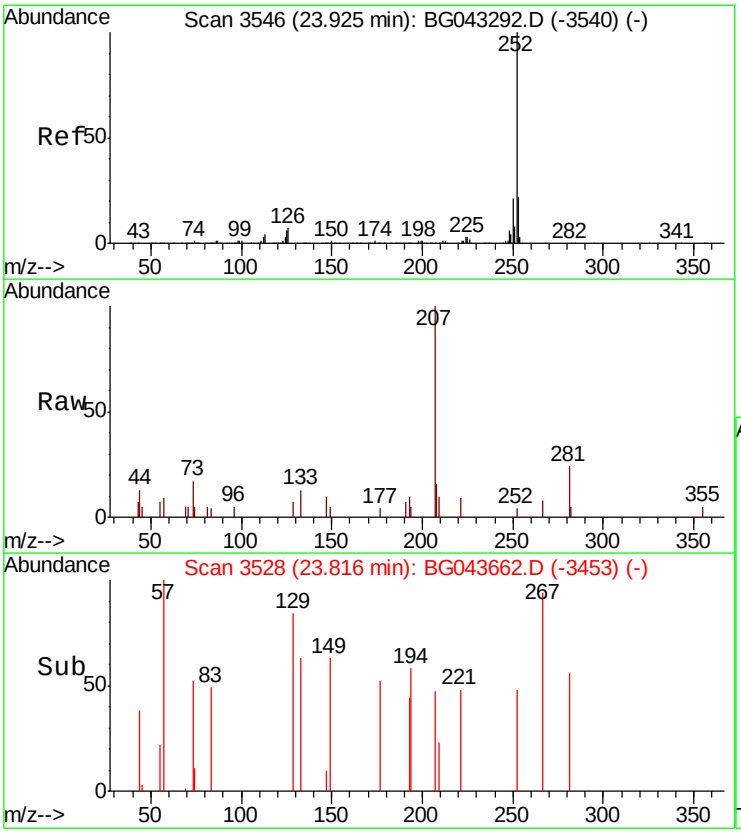
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.03 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	0.0	4.5	6.7#

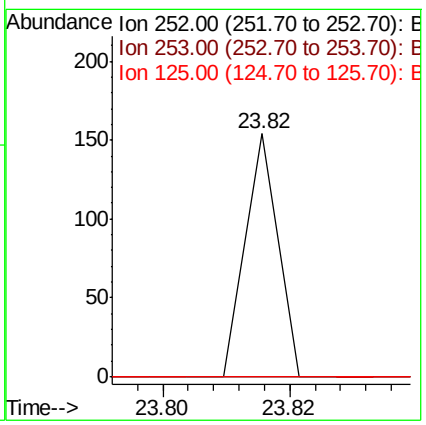


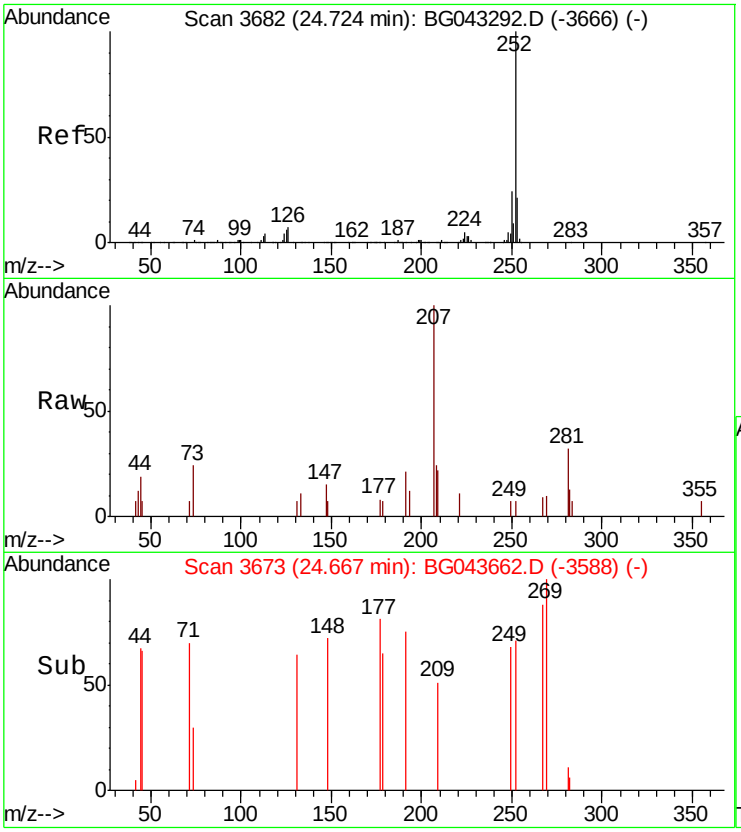


#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.09 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	4.6	6.8#





#90
Benzo(a)pyrene
Concen: 0.010 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043662.D
Acq: 15 Nov 2019 22:29

Instrument :
BNA_G
ClientSampleId :
HD-02-111319

Tgt Ion:252 Resp: 118

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	5.4	8.2#