Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043342.D
Acq On : 25 Oct 2019 16:45
Operator : JU
Sample : K5145-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-102319

Quant Time: Oct 25 17:42:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37696	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	128767	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	101794	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	255293	20.00	ng		0.00
76) Chrysene-d12	21.66	240	293422	20.00	ng		0.00
87) Perylene-d12	24.87	264	340849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	288517	140.25	ng		0.01
7) Phenol-d6	7.22	99	396126	133.84	ng		0.01
23) Nitrobenzene-d5	9.19	82	239937	96.06	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	277389	143.19	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	676844	91.88	ng		0.00
79) Terphenyl-d14	20.01	244	1510685	96.59	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.10	79	66	0.033	ng	#	1
4) n-Nitrosodimethylamine	3.86	42	434	0.425	ng	#	1
6) Aniline	7.47	93	220	0.065	ng	#	40
9) Benzaldehyde	7.21	77	764	0.525	ng	#	7
10) Phenol	7.24	94	2757	1.019	ng	#	1
11) bis(2-Chloroethyl)ether	7.47	93	220	0.105	ng	#	21
15) Benzyl Alcohol	8.34	79	4103	1.974	ng	#	48
16) 2,2'-oxybis(1-Chloropropan	8.56	45	435	0.143	ng		67
22) Acetophenone	8.36	105	55	0.017	ng	#	16
24) Nitrobenzene	9.25	77	56	0.024	ng	#	41
25) Isophorone	9.72	82	395	0.087	ng	#	65
27) 2,4-Dimethylphenol	10.51	122	65	0.039	ng	#	1
30) 1,2,4-Trichlorobenzene	10.19	180	84	0.032	ng	#	11
31) Naphthalene	10.90	128	243	0.037	ng	#	68
35) Caprolactam	11.75	113	98	0.135	ng	#	1
36) 4-Chloro-3-methylphenol	12.05	107	72	0.031	ng	#	20
37) 2-Methylnaphthalene	12.71	142	214	0.043	ng	#	15
38) 1-Methylnaphthalene	12.71	142	214	0.045	ng	#	8
46) 1,1'-Biphenyl	13.49	154	806	0.104	ng	#	36
48) 2-Nitroaniline	13.85	65	63	0.036	ng	#	6
50) Dimethylphthalate	14.10	163	39313	4.986	ng		98
52) Acenaphthene	14.71	154	63	0.011	ng	#	4
55) Dibenzofuran	15.08	168	63	0.007	ng	#	43
56) 4-Nitrophenol	14.94	139	65	0.059	ng	#	2
58) Fluorene	16.14	166	7996	1.051	ng	#	90
60) Diethylphthalate	15.46	149	1571	0.198	ng	#	83
63) Azobenzene	16.14	77	1236	0.193	ng	#	41
65) 4,6-Dinitro-2-methylphenol	16.14	198	612	0.407	ng	#	1
66) n-Nitrosodiphenylamine	16.15	169	7633	1.059	ng	#	47
68) Hexachlorobenzene	17.03	284	54	0.014	ng	#	46
70) Pentachlorophenol	17.22	266	79	0.044	ng	#	20
71) Phenanthrene	17.44	178	569	0.044	ng	#	59
72) Anthracene	17.52	178	164	0.013	ng	#	60
73) Carbazole	18.28	167	59	0.005	ng	#	58

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043342.D
Acq On : 25 Oct 2019 16:45
Operator : JU
Sample : K5145-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-102319

Quant Time: Oct 25 17:42:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) Di-n-butylphthalate	18.36	149	1255	0.087	ng	#	77
75) Fluoranthene	19.45	202	149	0.009	ng		65
78) Pyrene	20.01	202	5534	0.305	ng	#	54
80) Butylbenzylphthalate	20.69	149	204	0.030	ng	#	25
81) Benzo(a)anthracene	21.63	228	147	0.008	ng	#	50
82) 3,3'-Dichlorobenzidine	21.58	252	216	0.030	ng	#	23
83) Chrysene	21.70	228	165	0.009	ng	#	49
84) Bis(2-ethylhexyl)phthalate	21.55	149	1573	0.161	ng	#	90
85) Di-n-octyl phthalate	22.74	149	441	0.027	ng	#	75
86) Indeno(1,2,3-cd)pyrene	28.57	276	72	0.003	ng	#	56
88) Benzo(b)fluoranthene	23.85	252	183	0.009	ng	#	60
89) Benzo(k)fluoranthene	23.94	252	72	0.004	ng	#	1
90) Benzo(a)pyrene	24.74	252	161	0.009	ng	#	61
91) Dibenzo(a,h)anthracene	28.58	278	119	0.006	ng	#	58
92) Benzo(g,h,i)perylene	29.67	276	53	0.003	ng	#	58

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

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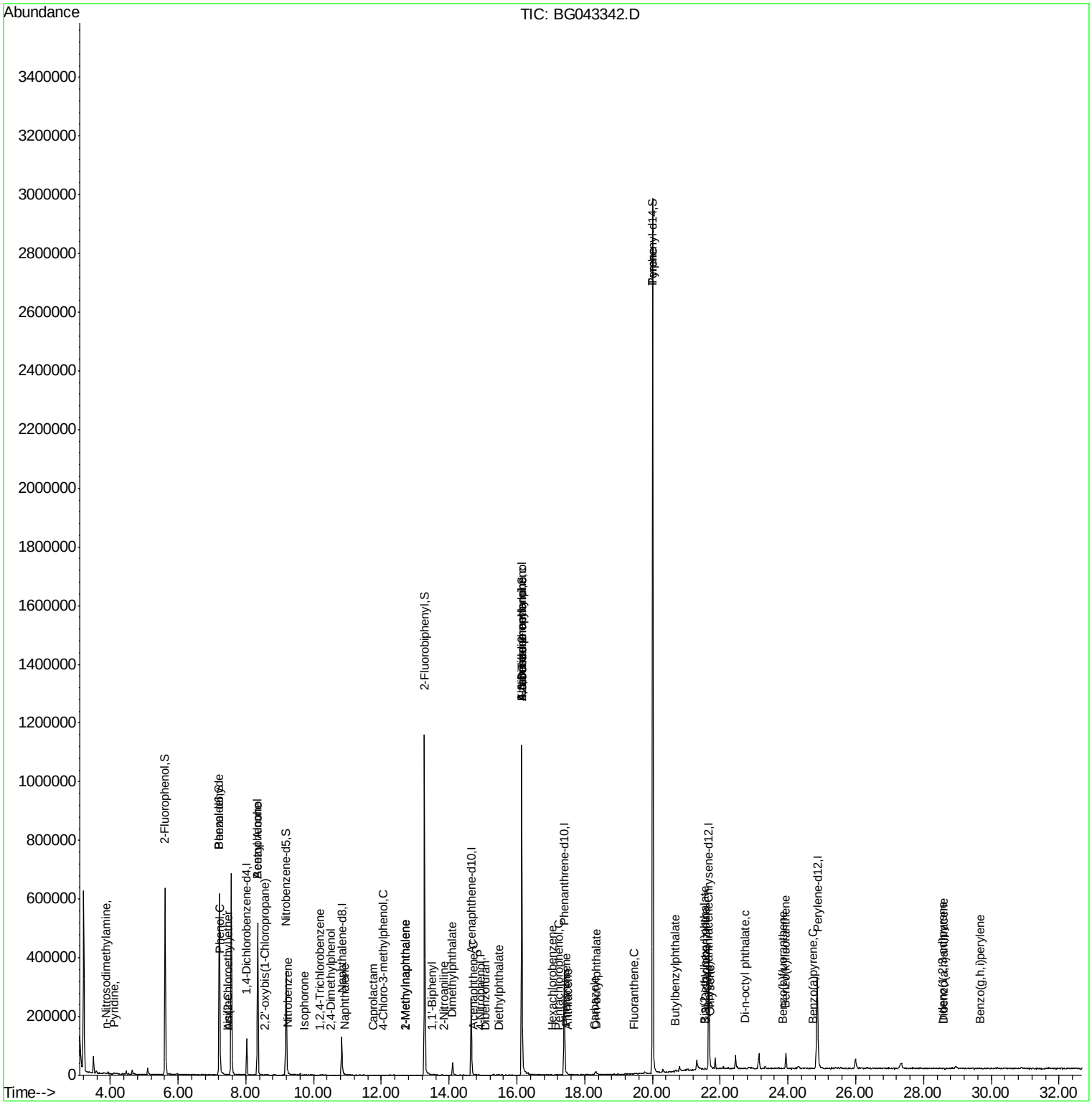
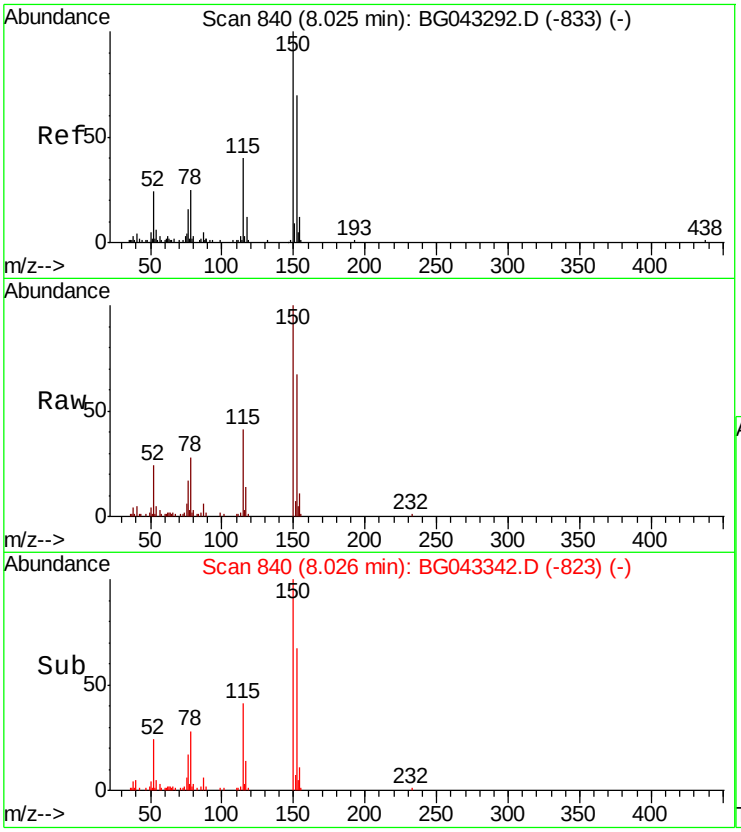


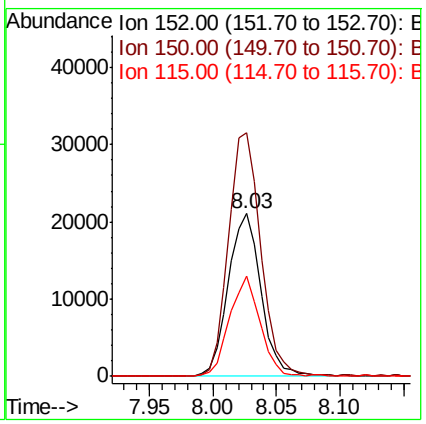


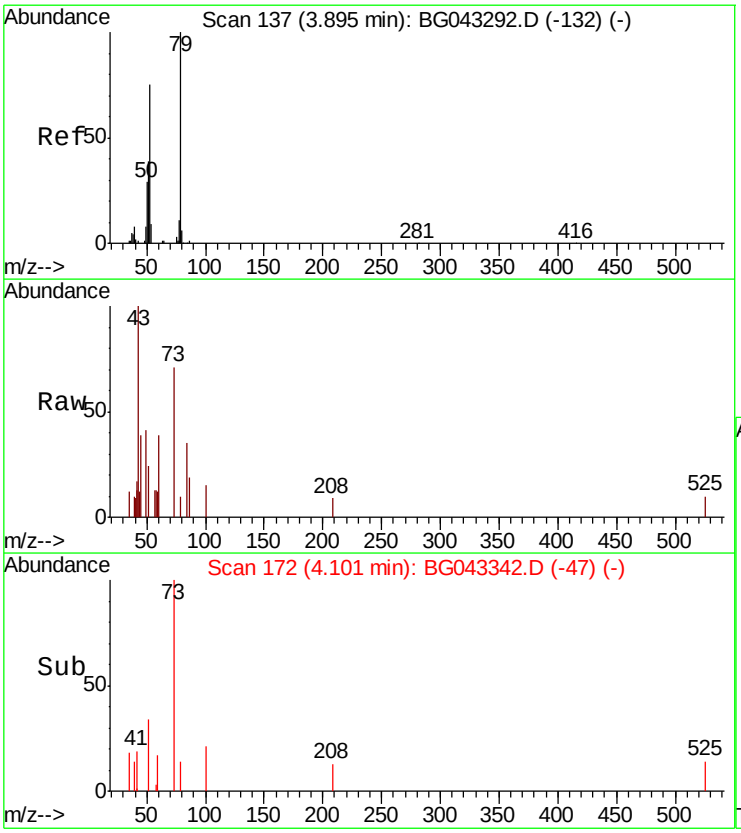
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:152 Resp: 37696

Ion	Ratio	Lower	Upper
152	100		
150	149.8	113.6	170.4
115	61.9	45.9	68.9

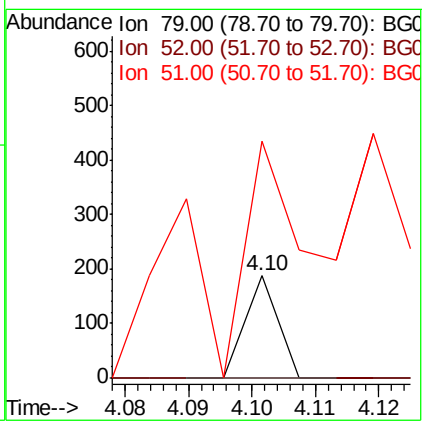


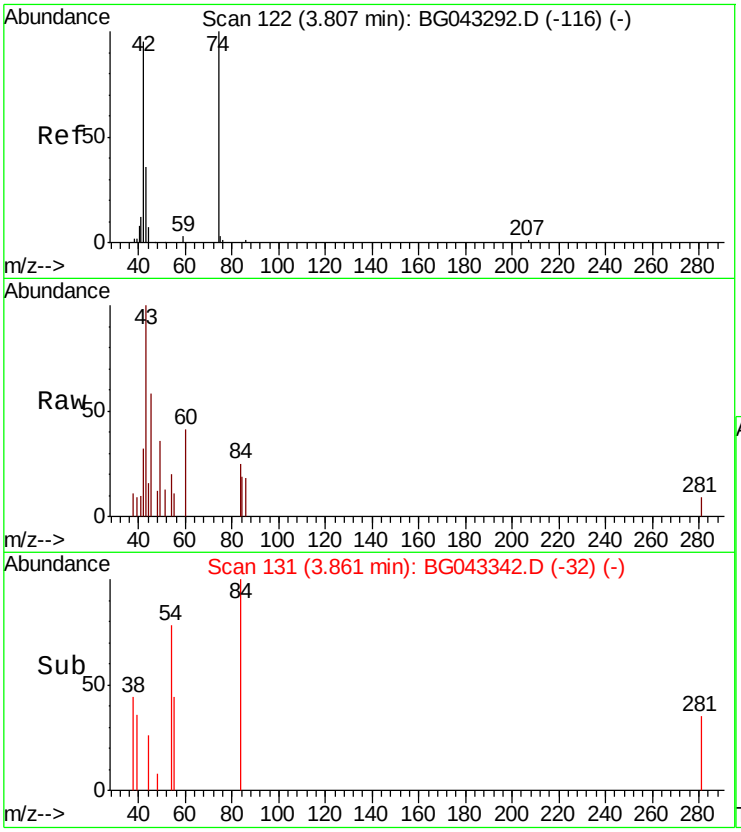


#3
Pyridine
Concen: 0.033 ng
RT: 4.10 min Scan# 172
Delta R.T. 0.21 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 79 Resp: 66

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.7	89.5#
51	233.9	31.8	47.6#



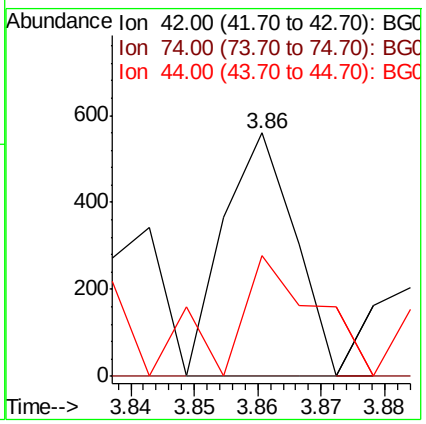


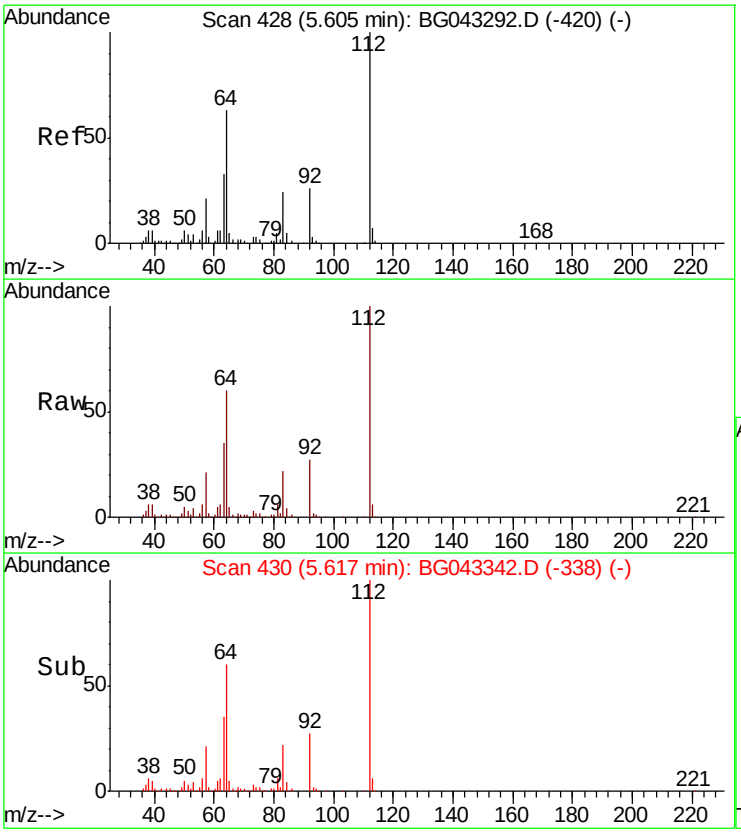
#4
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.86 min Scan# 131
Delta R.T. 0.05 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 42 Resp: 434

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.2	126.2#
44	49.5	6.0	9.0#

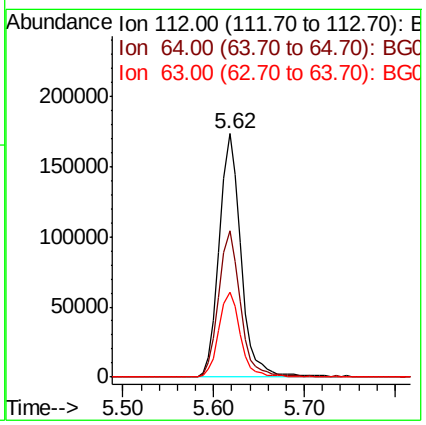


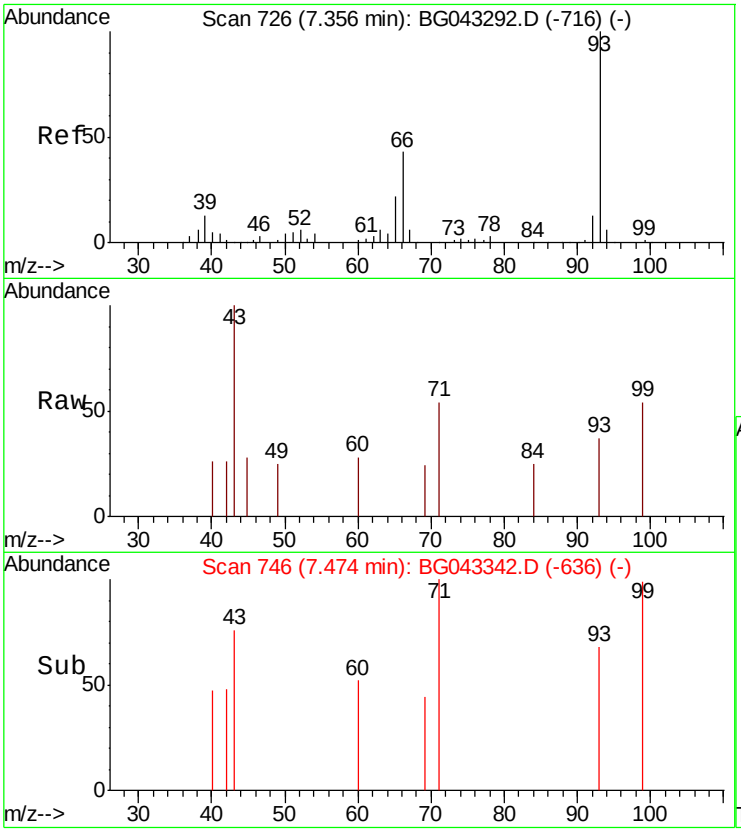


#5
2-Fluorophenol
Concen: 140.252 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:112 Resp: 288517

Ion	Ratio	Lower	Upper
112	100		
64	60.2	50.2	75.2
63	35.0	26.7	40.1



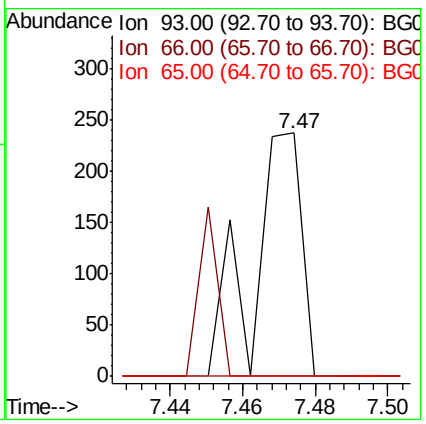


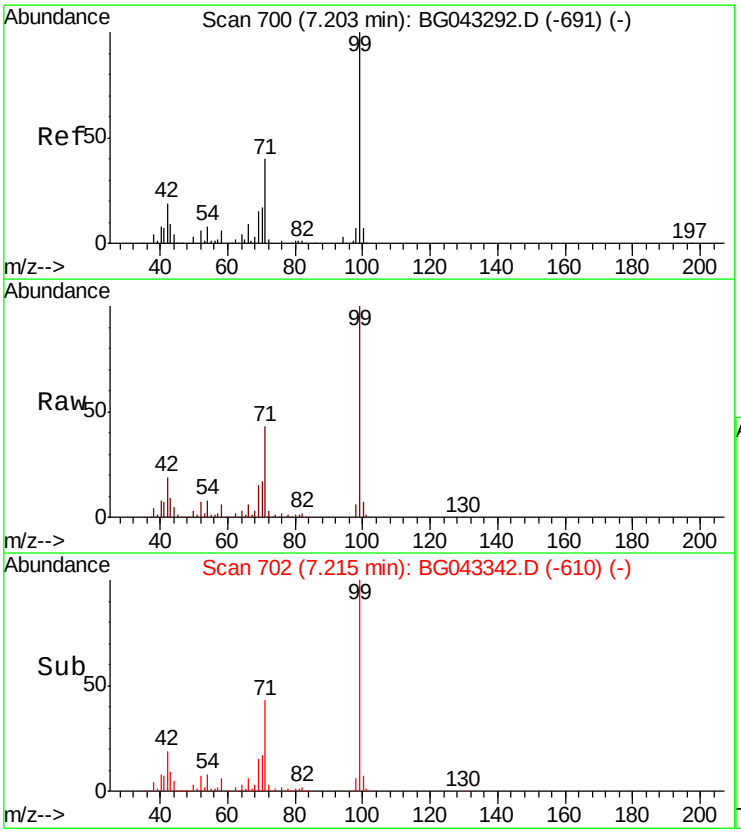
#6
Aniline
Concen: 0.065 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.12 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 93 Resp: 220

Ion	Ratio	Lower	Upper
93	100		
66	0.0	34.5	51.7#
65	0.0	18.0	27.0#

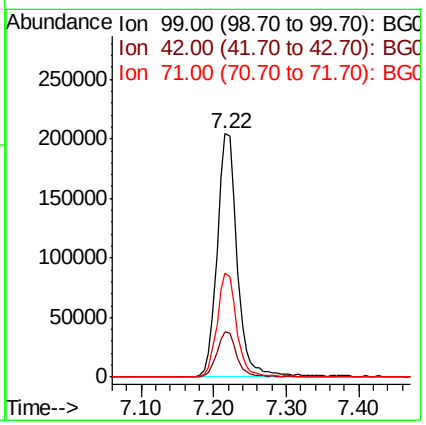


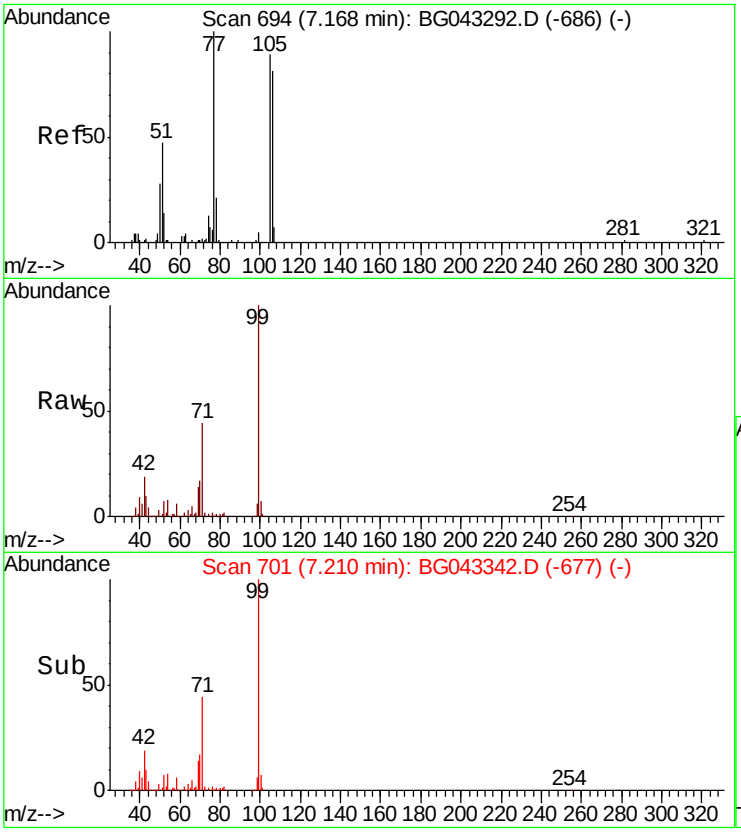


#7
Phenol-d6
Concen: 133.838 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 99 Resp: 396126

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	42.7	32.2	48.2



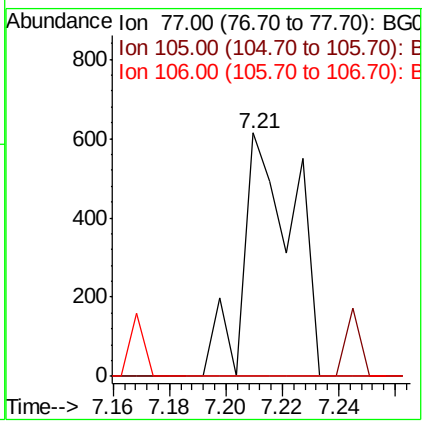


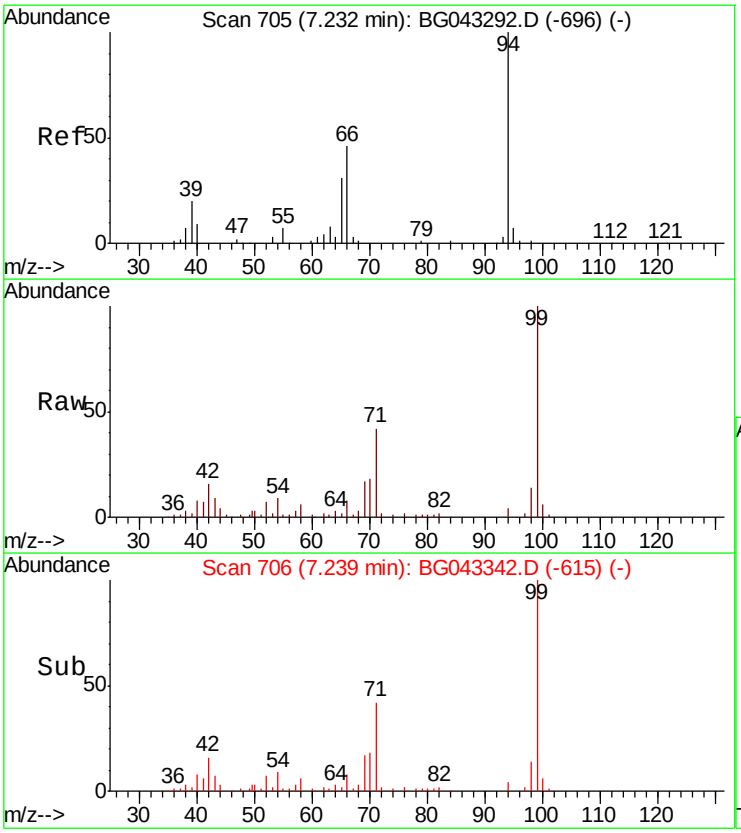
#9
Benzaldehyde
Concen: 0.525 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.04 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 77 Resp: 764

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.7	108.7#
106	0.0	60.5	100.5#

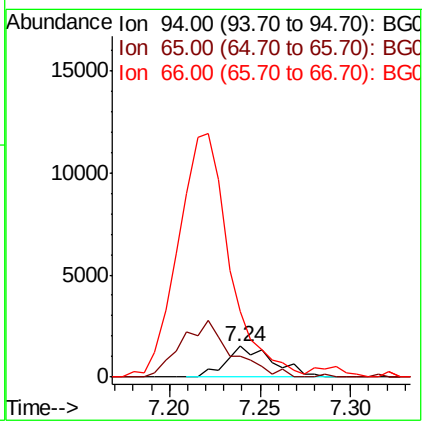


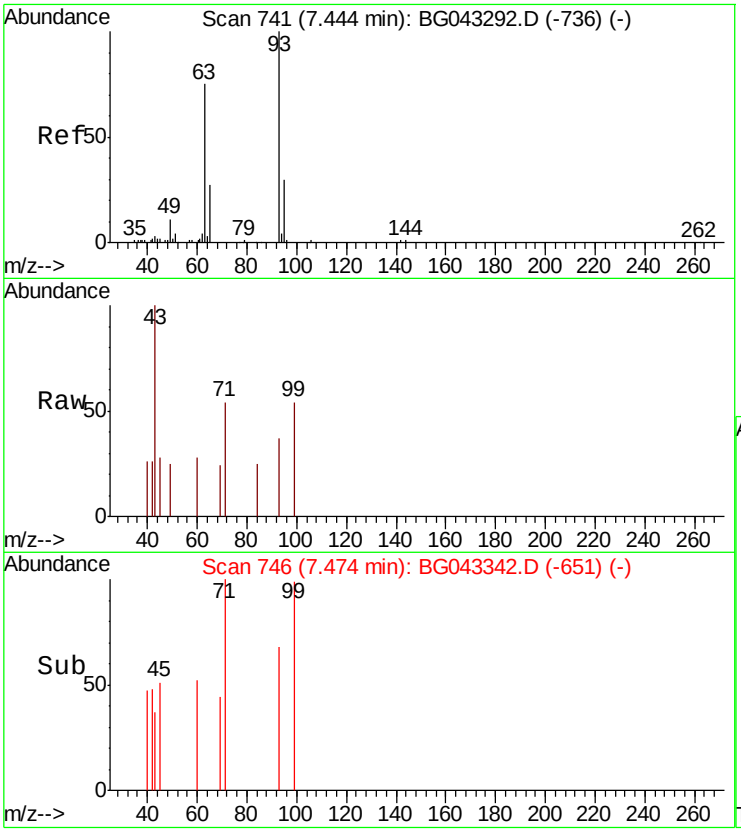


#10
Phenol
Concen: 1.019 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 94 Resp: 2757

Ion	Ratio	Lower	Upper
94	100		
65	66.6	11.1	51.1#
66	212.1	27.8	67.8#



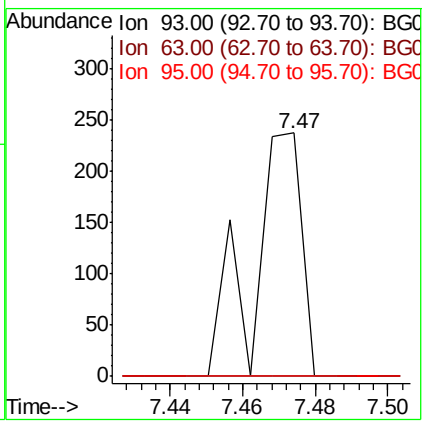


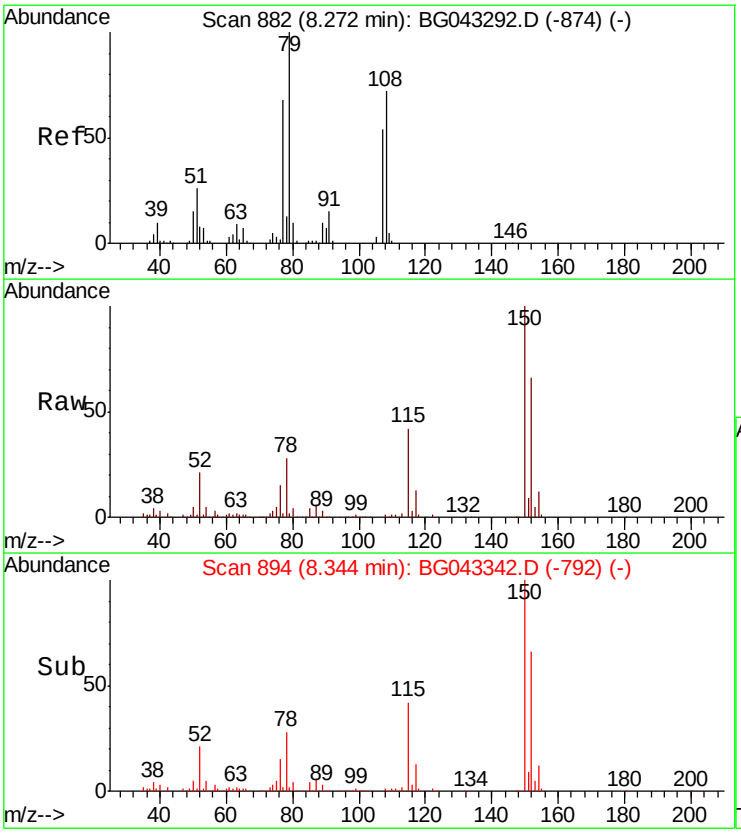
#11
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.03 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 93 Resp: 220

Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.6	94.6#
95	0.0	9.7	49.7#

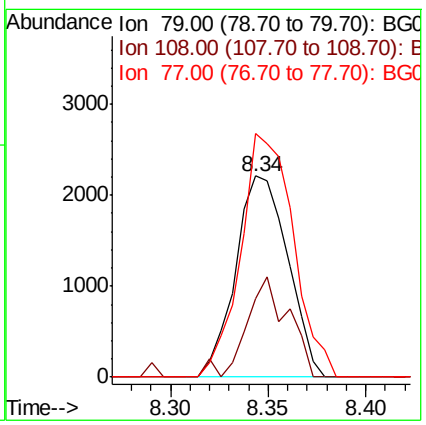


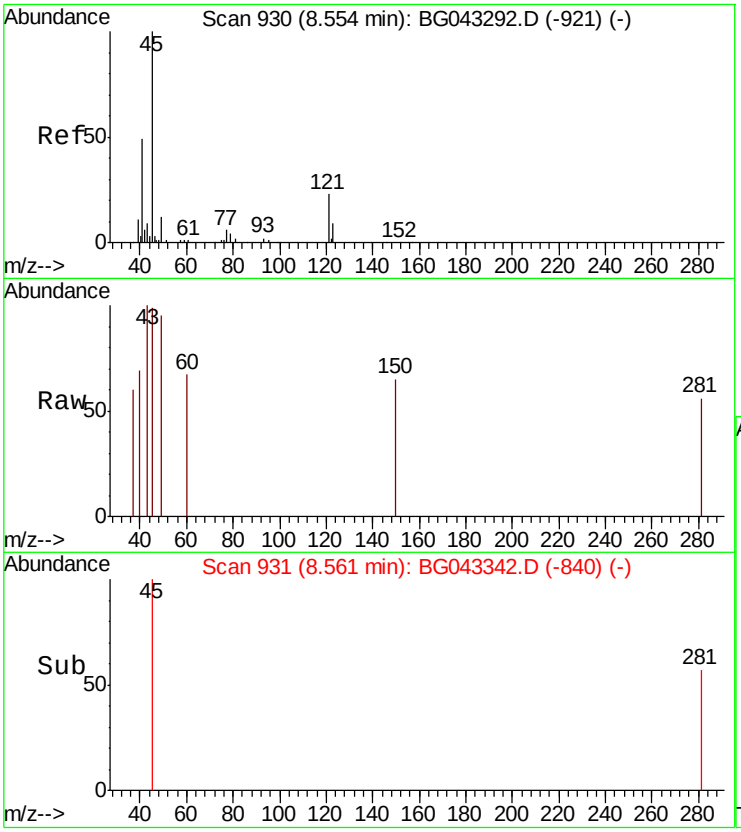


#15
Benzyl Alcohol
Concen: 1.974 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.07 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 79 Resp: 4103

Ion	Ratio	Lower	Upper
79	100		
108	38.9	57.3	85.9#
77	121.1	54.6	81.8#



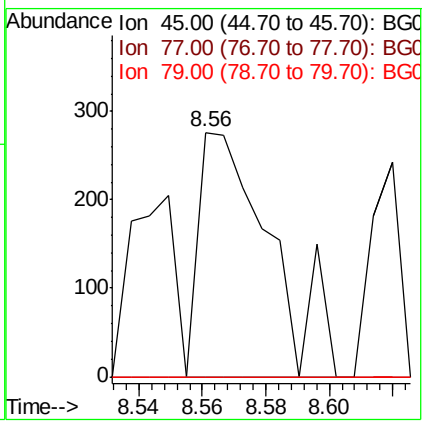


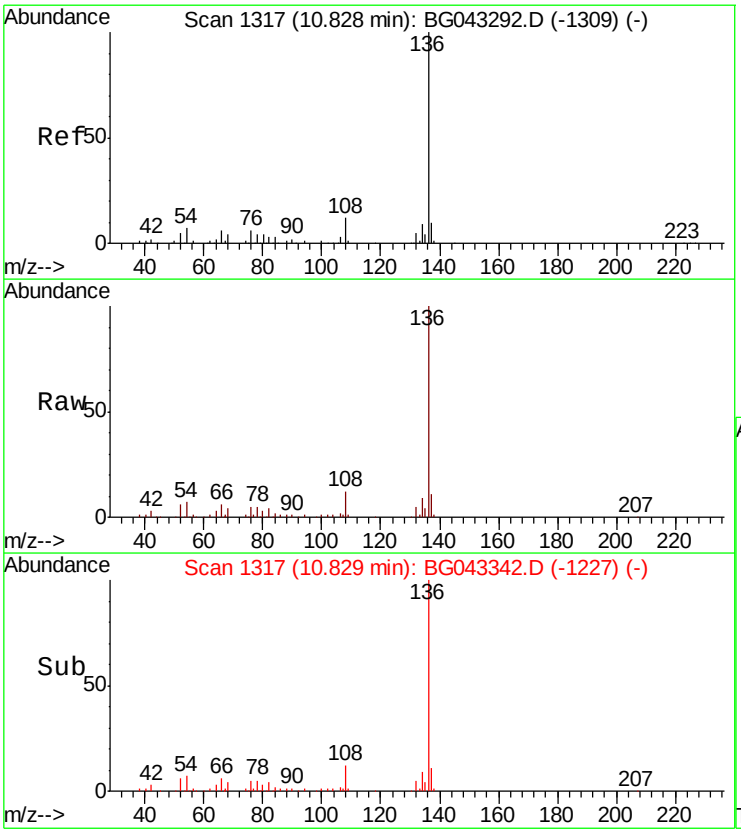
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.143 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 45 Resp: 435

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.2
79	0.0	0.0	32.3

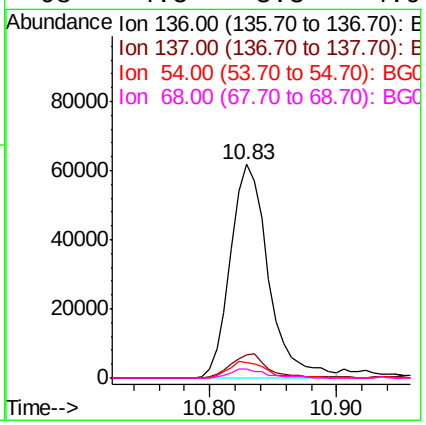


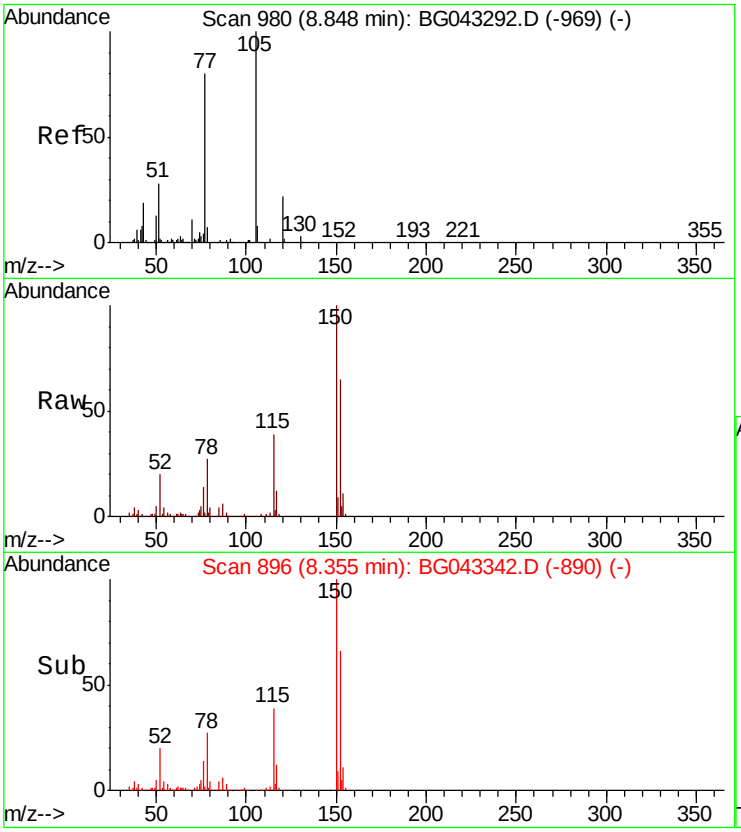


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:136 Resp: 128767

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	7.4	5.4	8.2
68	4.5	3.3	4.9



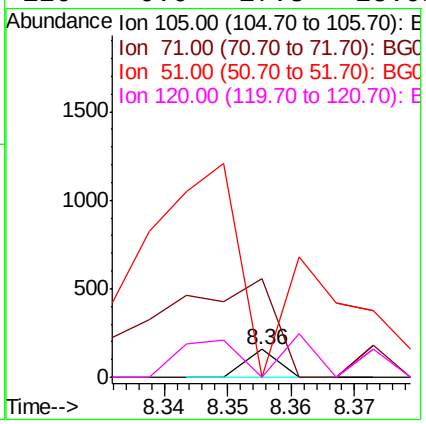


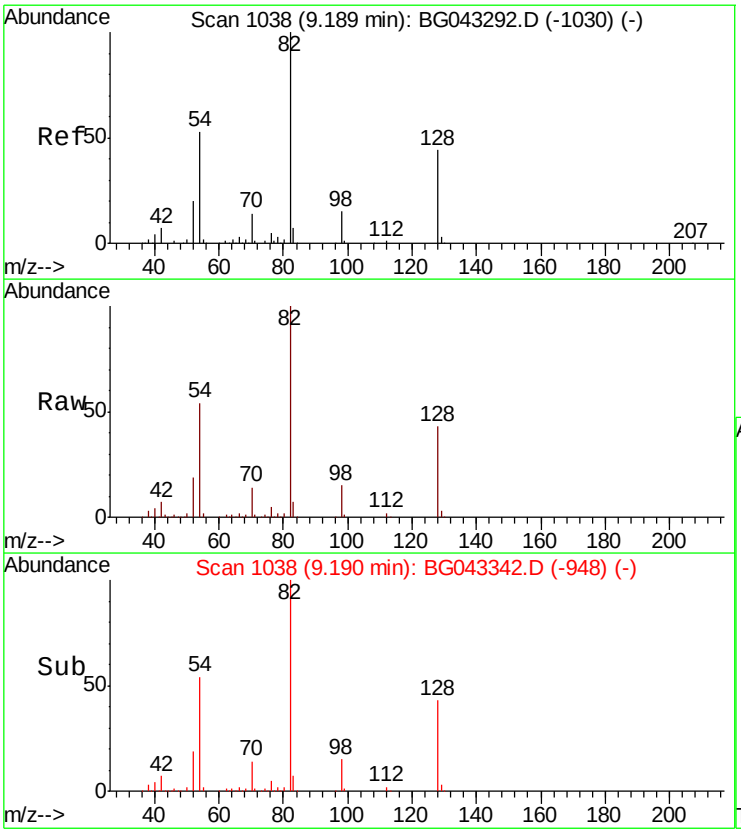
#22
Acetophenone
Concen: 0.017 ng
RT: 8.36 min Scan# 896
Delta R.T. -0.49 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:105 Resp: 55

Ion	Ratio	Lower	Upper
105	100		
71	353.5	1.5	2.3#
51	0.0	23.9	35.9#
120	0.0	17.3	25.9#

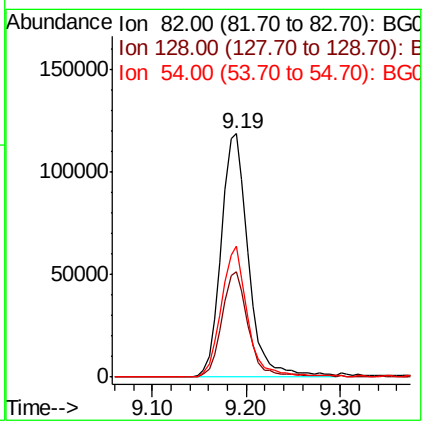


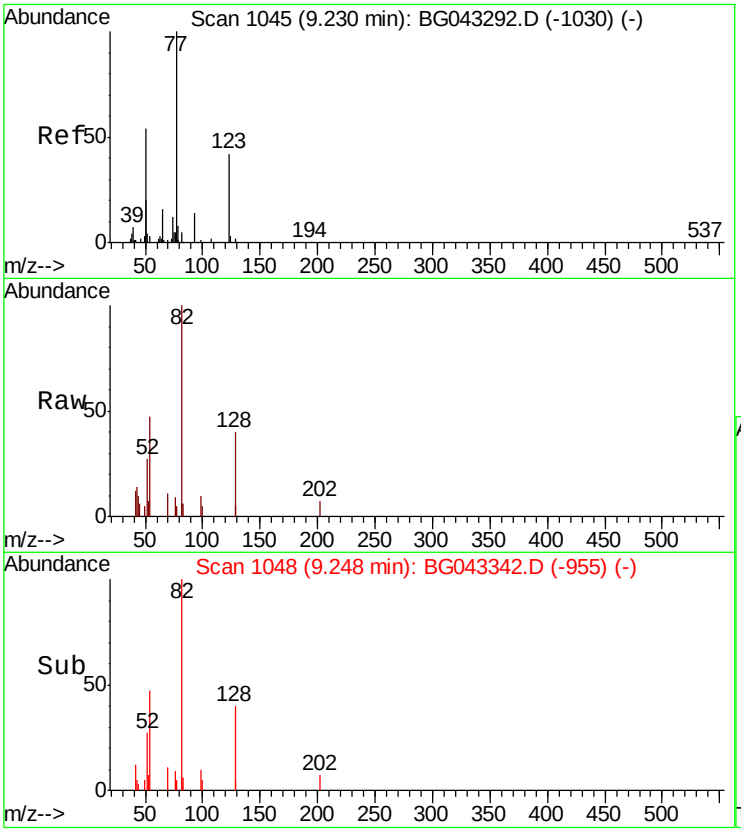


#23
Nitrobenzene-d5
Concen: 96.064 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 82 Resp: 239937

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.3	52.9
54	54.0	42.3	63.5



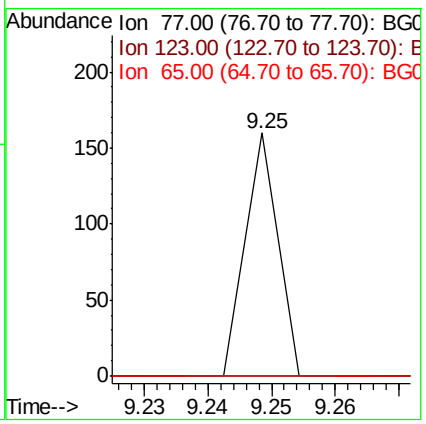


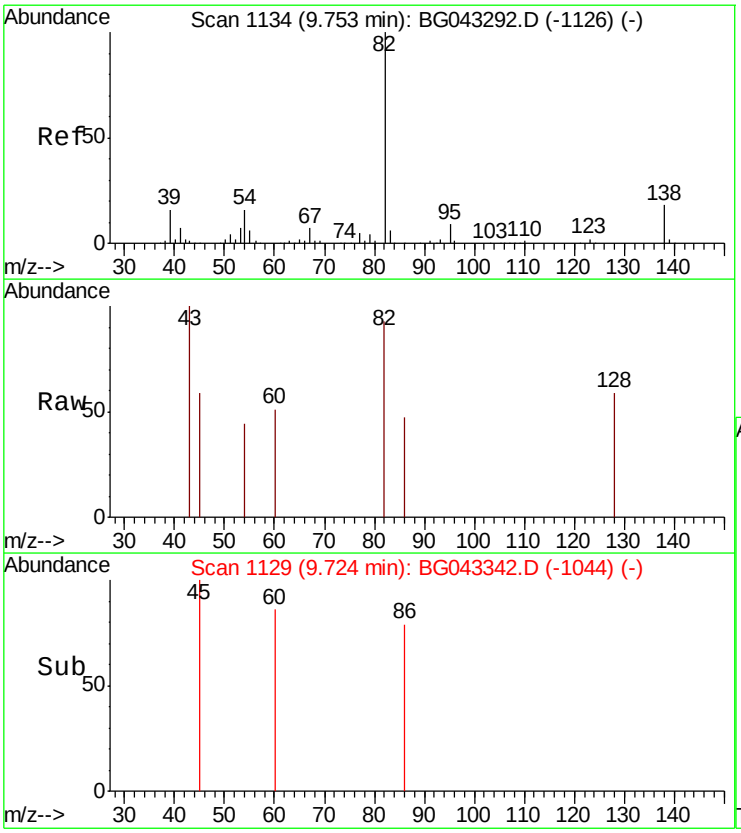
#24
Nitrobenzene
Concen: 0.024 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 77 Resp: 56

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.8	50.8#
65	0.0	13.0	19.4#

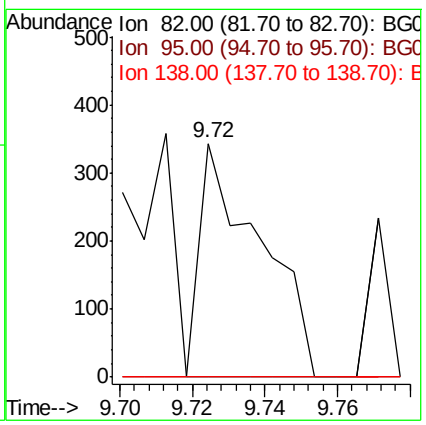


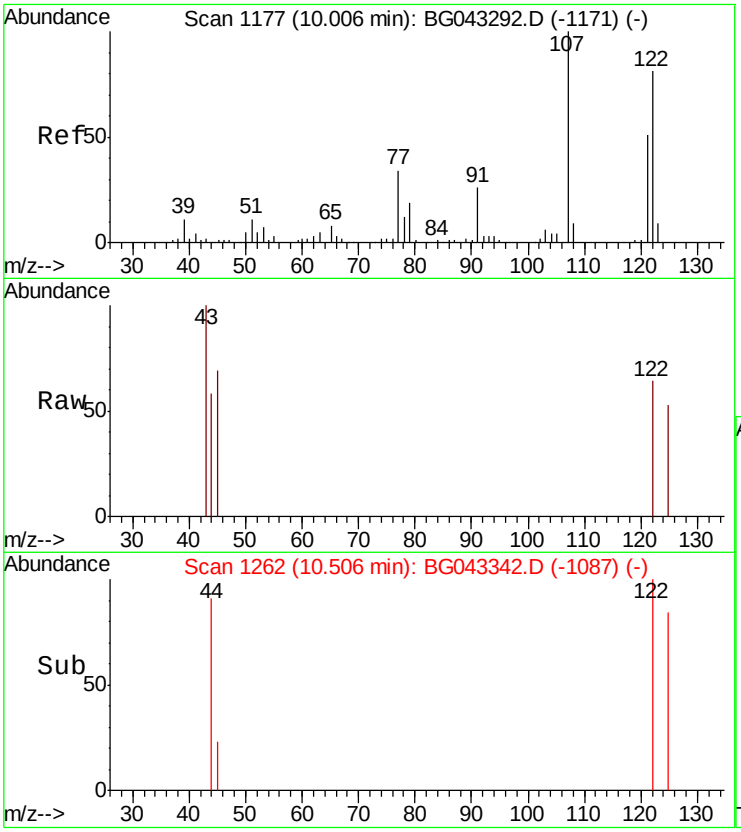


#25
Isophorone
Concen: 0.087 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.03 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 82 Resp: 395

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.9	10.3#
138	0.0	14.2	21.2#



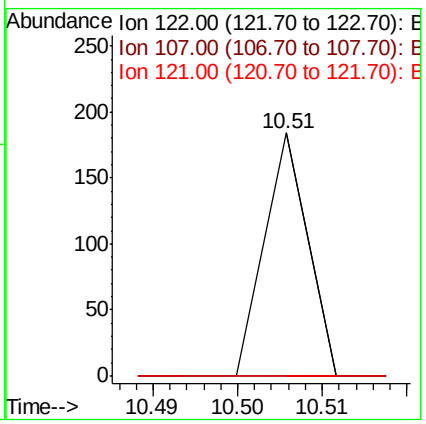


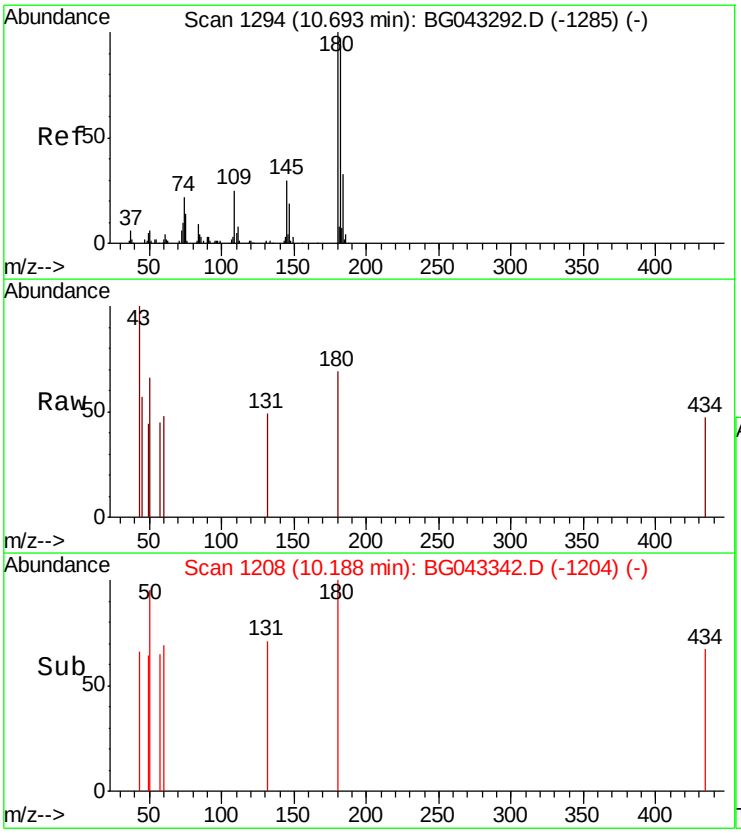
#27
2,4-Dimethylphenol
Concen: 0.039 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.50 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.6	147.8#
121	0.0	50.1	75.1#

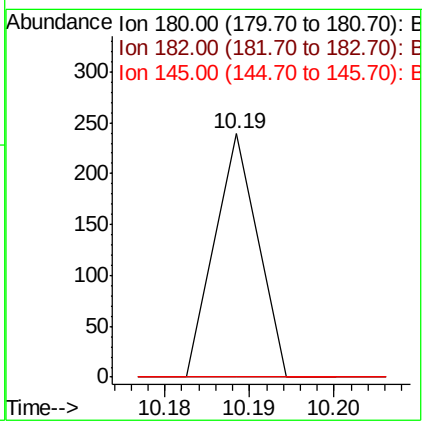


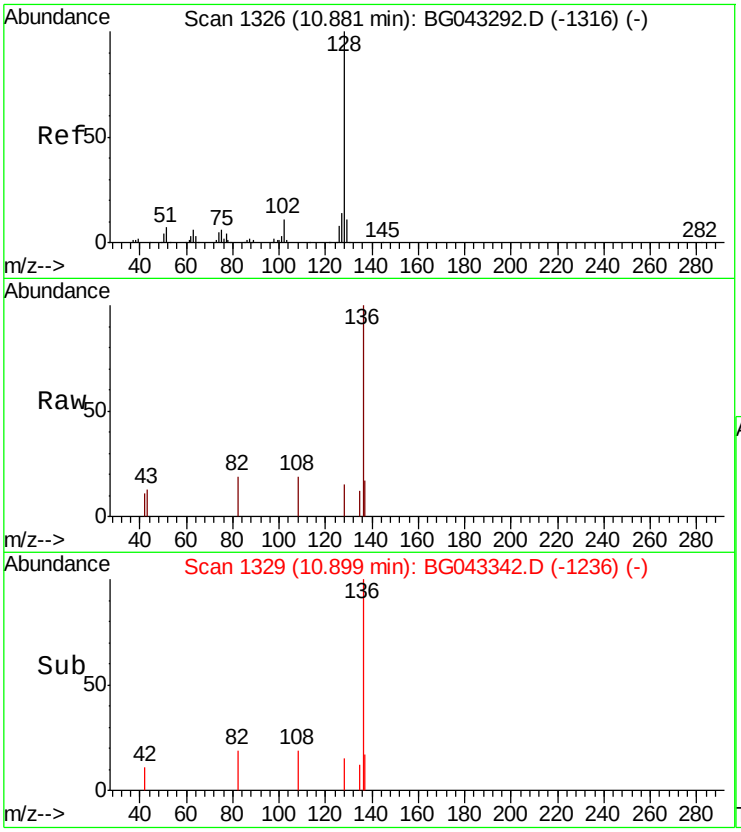


#30
1,2,4-Trichlorobenzene
Concen: 0.032 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.50 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:180 Resp: 84

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.8	116.8#
145	0.0	23.6	35.4#



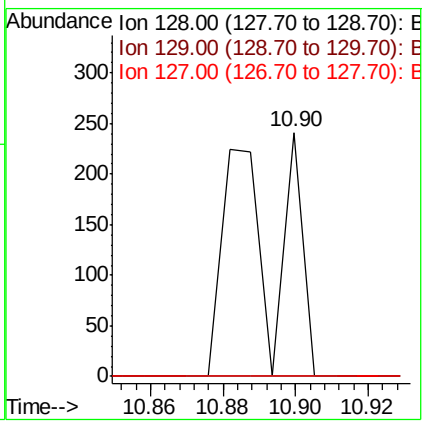


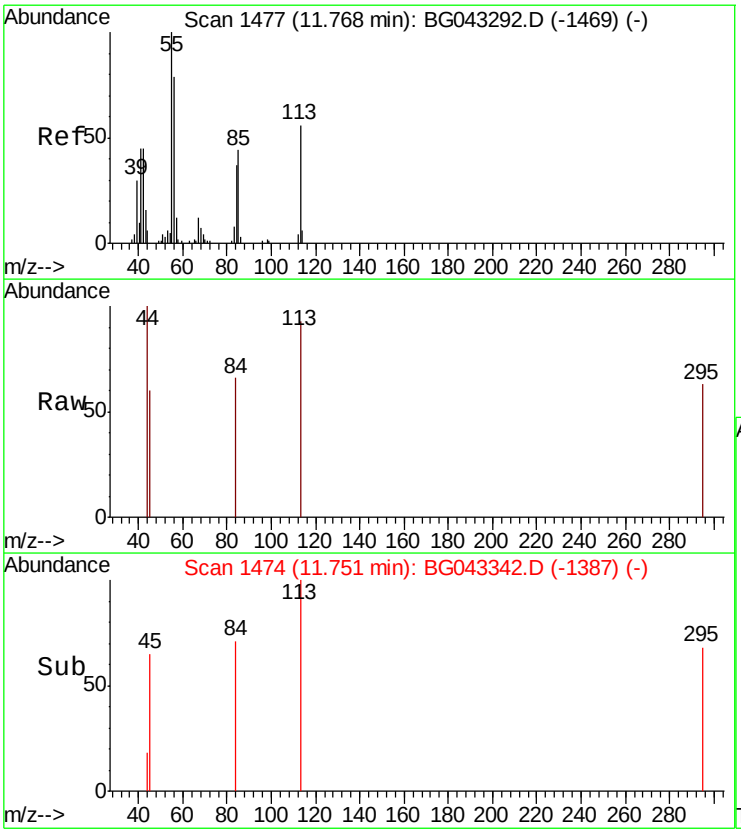
#31
Naphthalene
Concen: 0.037 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:128 Resp: 243

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.5	17.3#

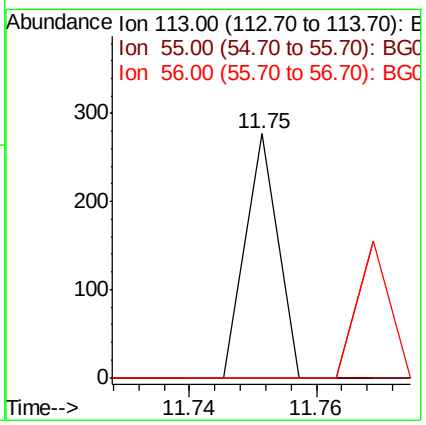


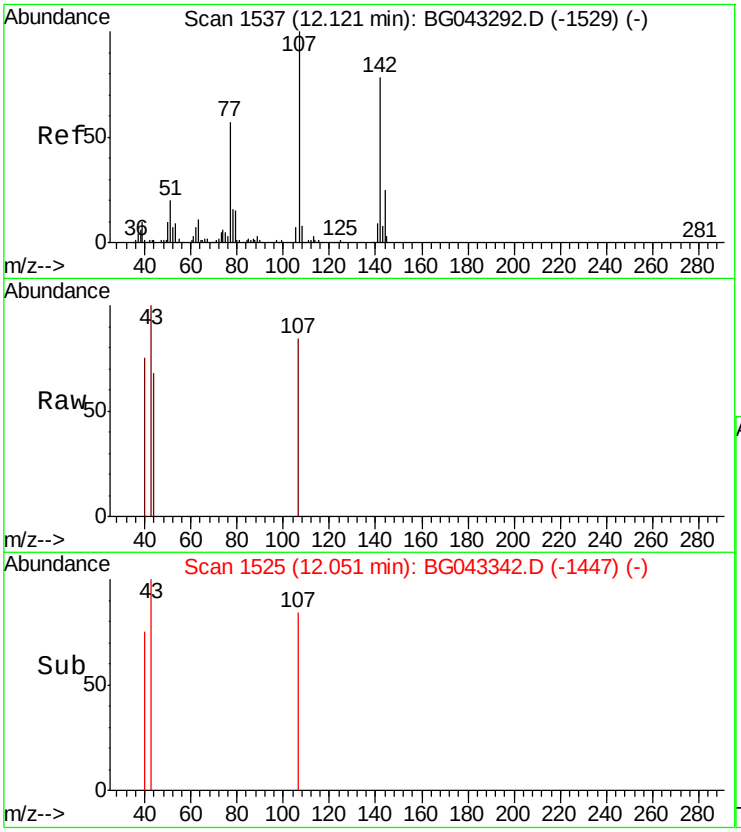


#35
Caprolactam
Concen: 0.135 ng
RT: 11.75 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:113 Resp: 98

Ion	Ratio	Lower	Upper
113	100		
55	0.0	158.9	198.9#
56	0.0	121.4	161.4#



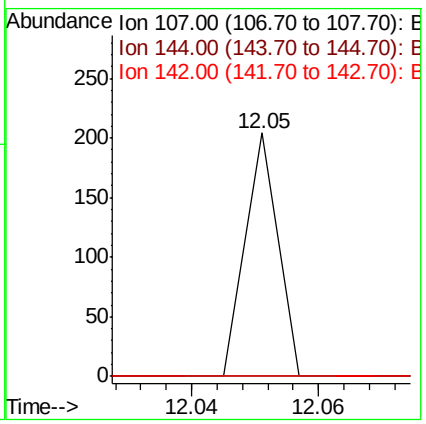


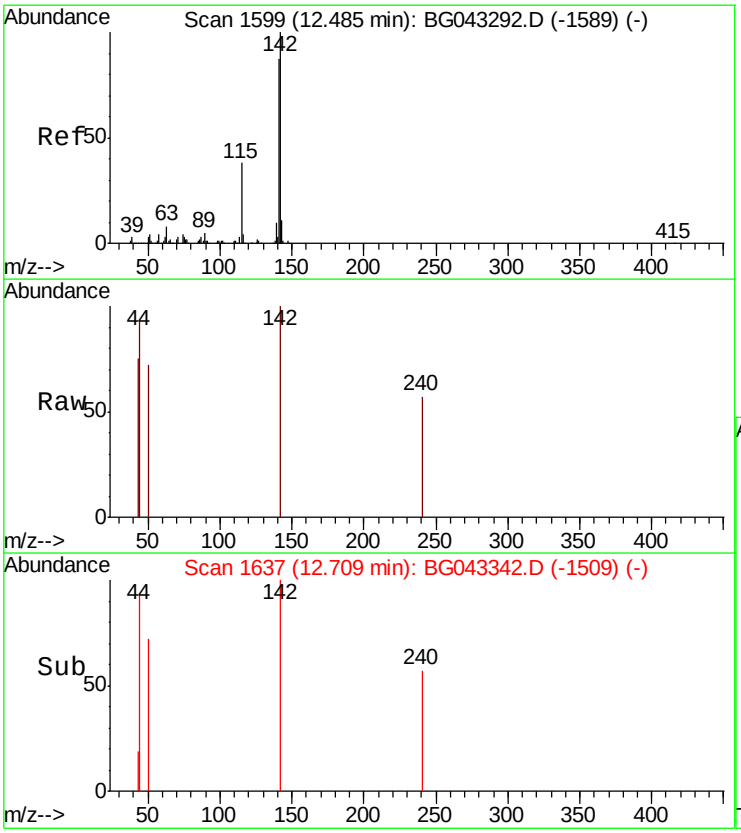
#36
4-Chloro-3-methylphenol
Concen: 0.031 ng
RT: 12.05 min Scan# 1525
Delta R.T. -0.07 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:107 Resp: 72

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.9	29.9#
142	0.0	62.1	93.1#

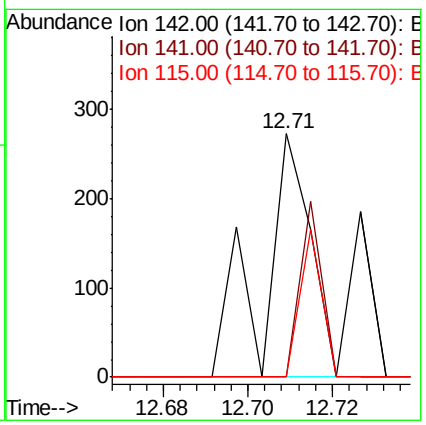


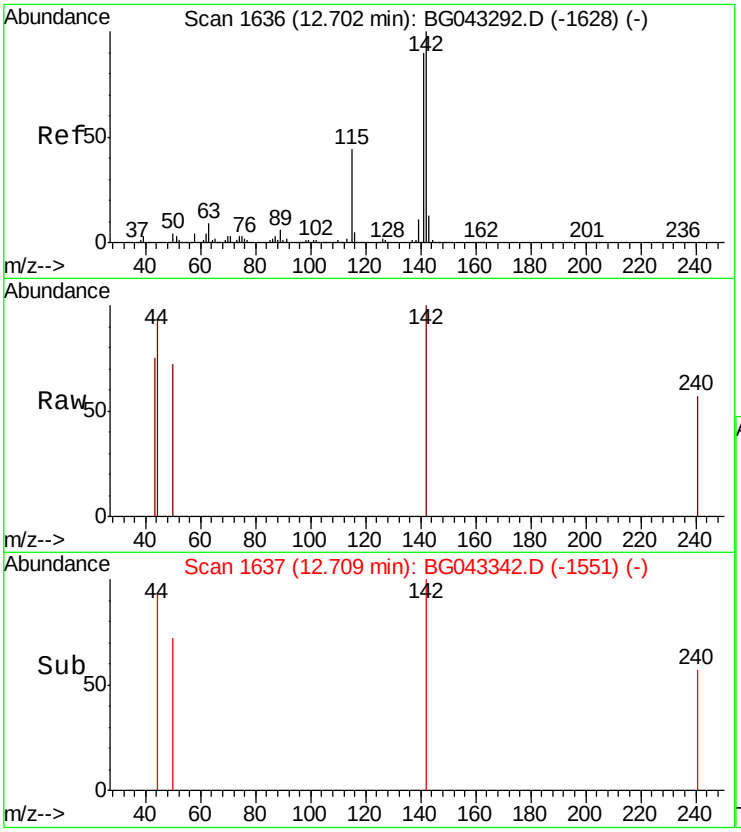


#37
2-Methylnaphthalene
Concen: 0.043 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.22 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	0.0	69.7	104.5#
115	0.0	30.6	46.0#



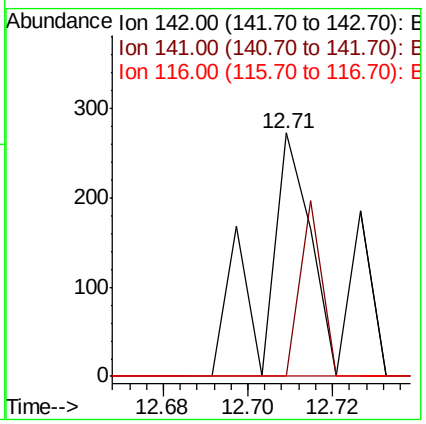


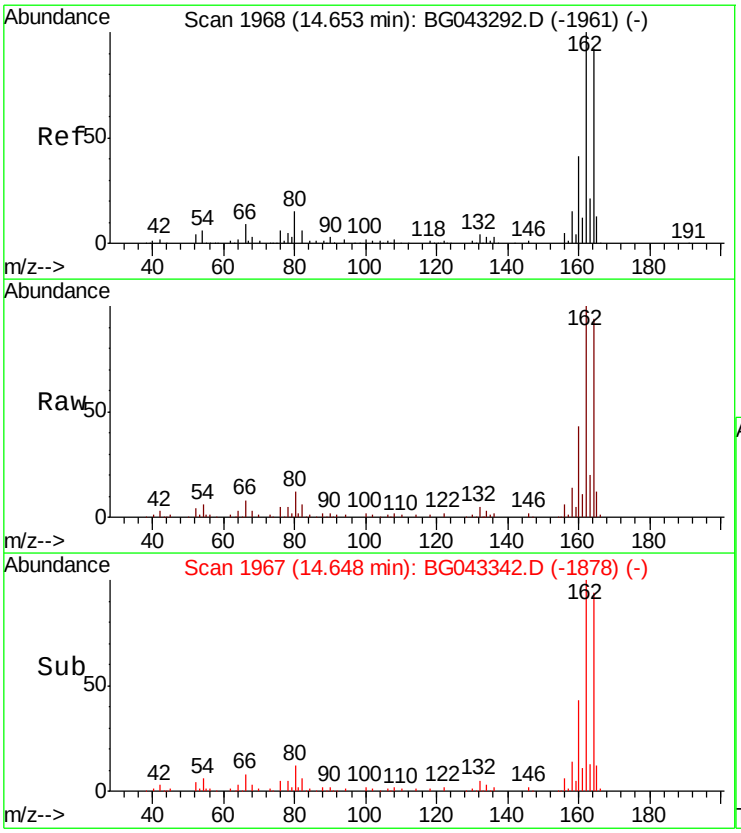
#38
1-Methylnaphthalene
Concen: 0.045 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.3	108.5#
116	0.0	3.8	5.6#

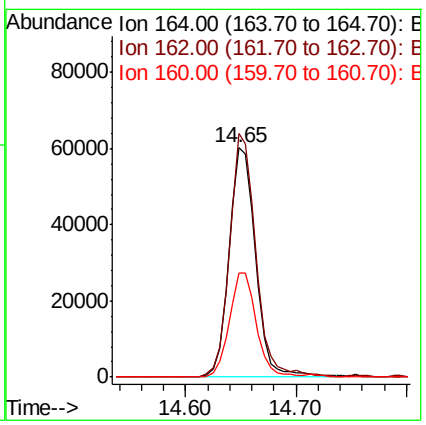


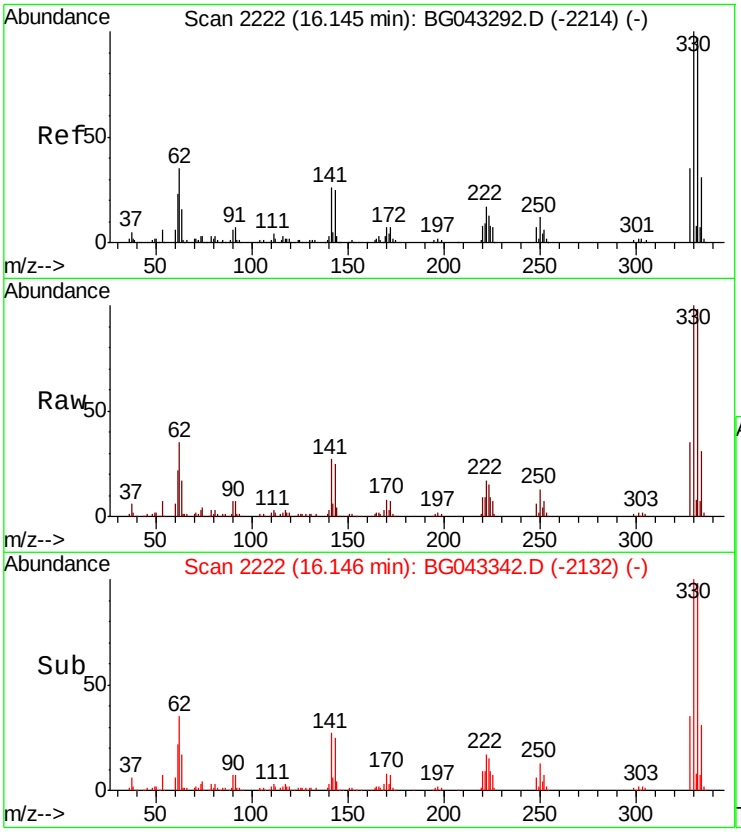


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:164 Resp: 101794

Ion	Ratio	Lower	Upper
164	100		
162	106.2	87.0	130.4
160	45.6	35.5	53.3



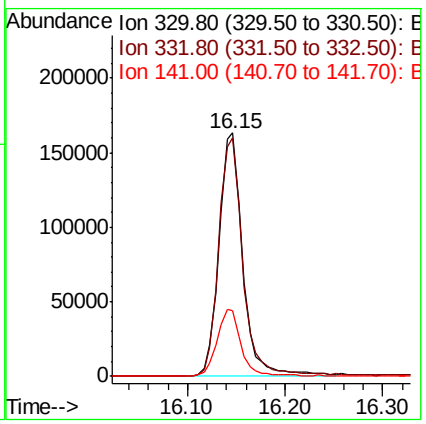


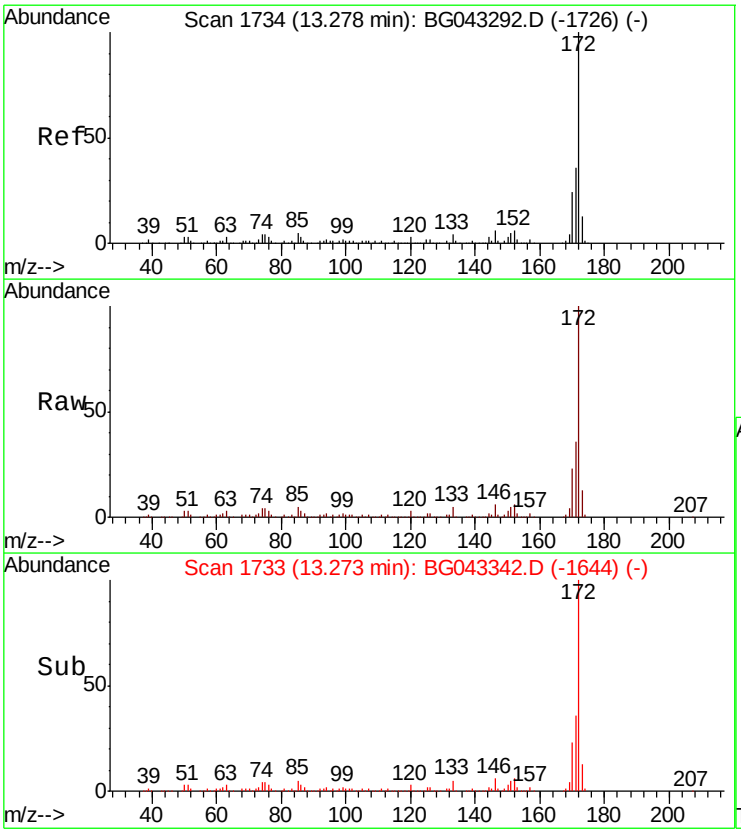
#42
2,4,6-Tribromophenol
Concen: 143.195 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:330 Resp: 277389

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.4	114.6
141	28.1	21.4	32.0

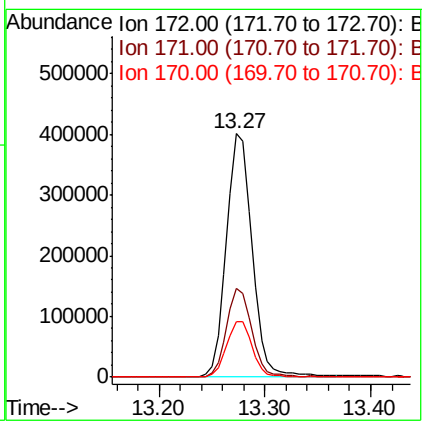


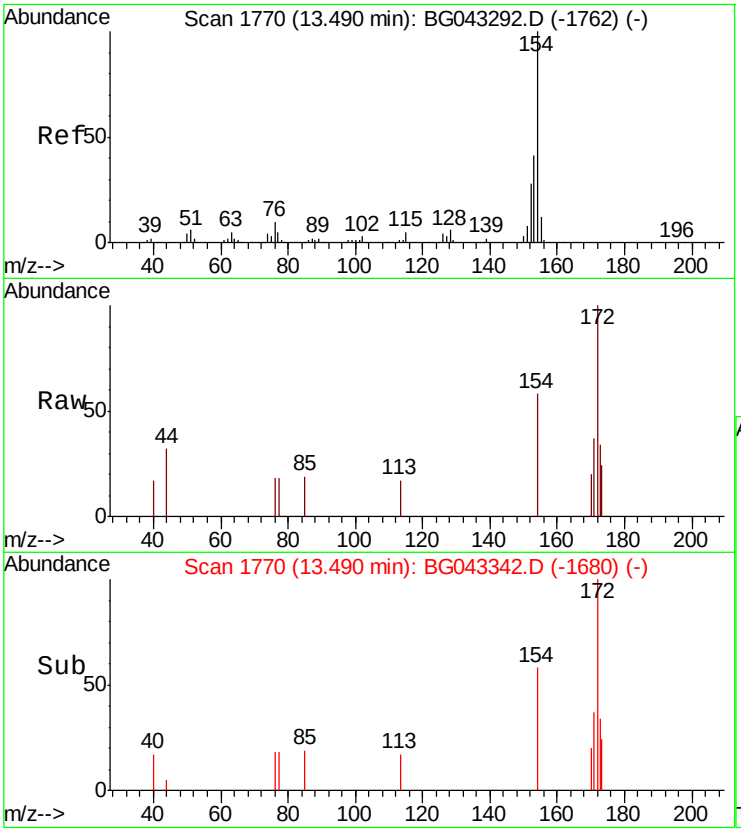


#45
2-Fluorobiphenyl
Concen: 91.878 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:172 Resp: 676844

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	22.9	18.8	28.2



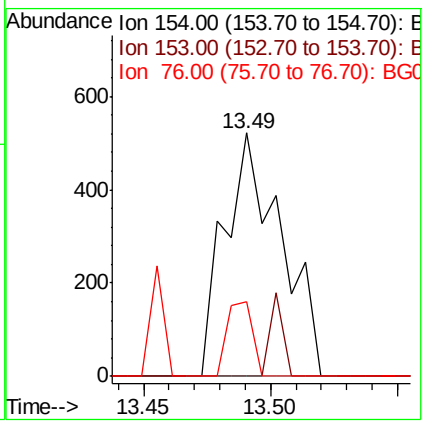


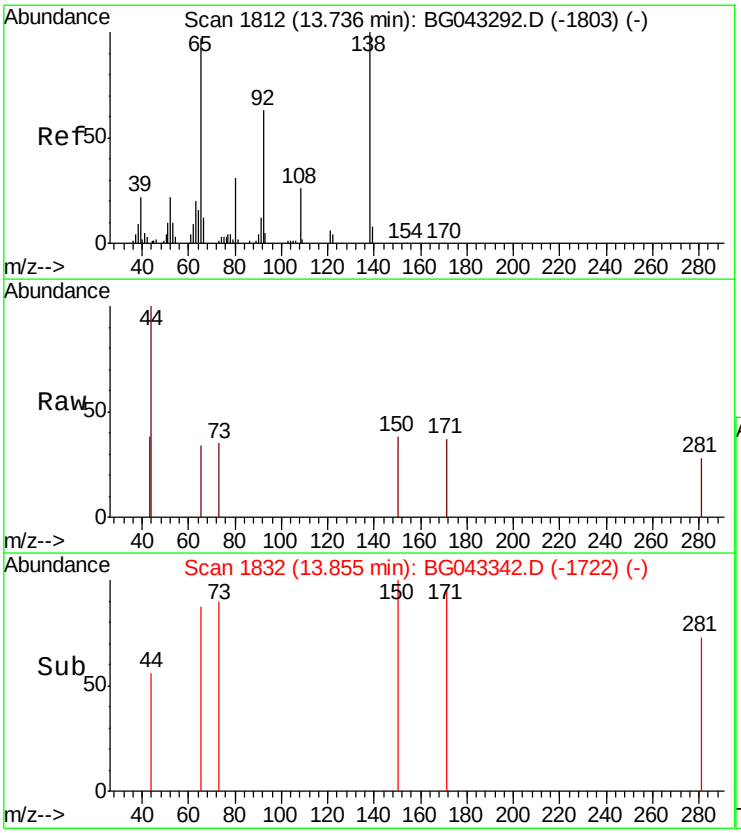
#46
1,1'-Biphenyl
Concen: 0.104 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:154 Resp: 806

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.0	61.0#
76	30.7	0.0	29.8#

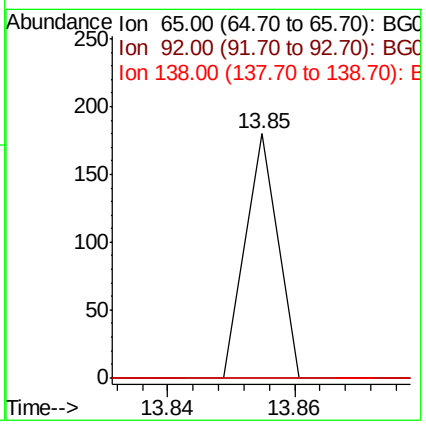


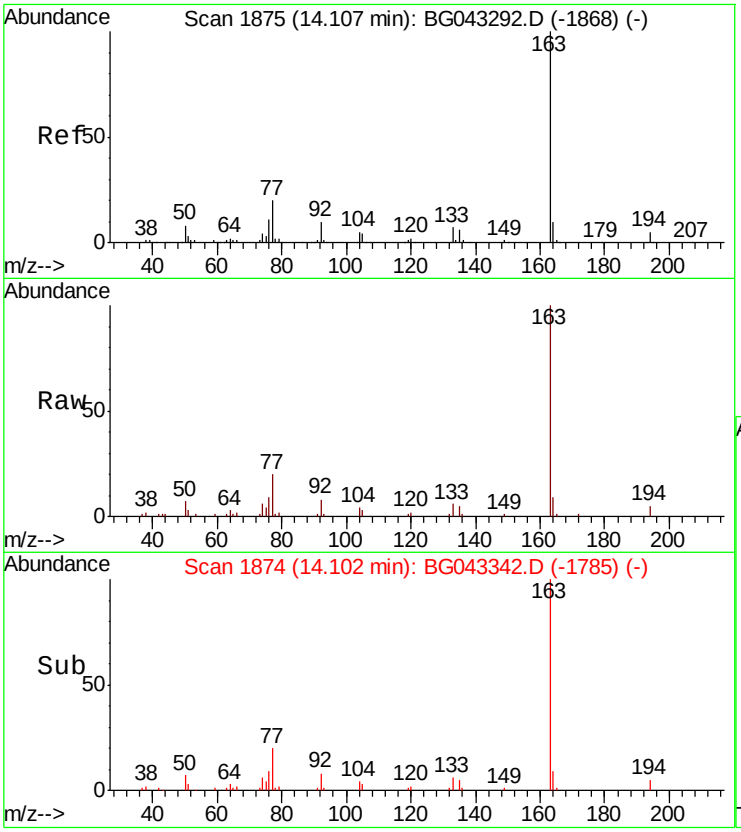


#48
2-Nitroaniline
Concen: 0.036 ng
RT: 13.85 min Scan# 1832
Delta R.T. 0.12 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion: 65 Resp: 63

Ion	Ratio	Lower	Upper
65	100		
92	0.0	52.6	79.0#
138	0.0	82.9	124.3#



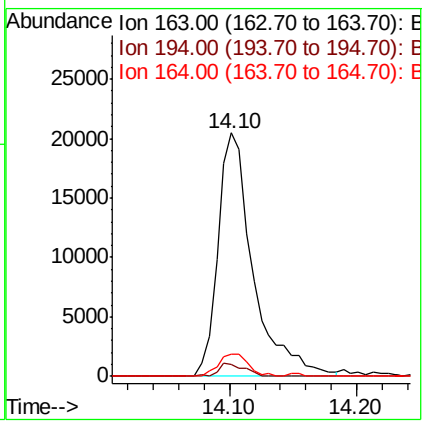


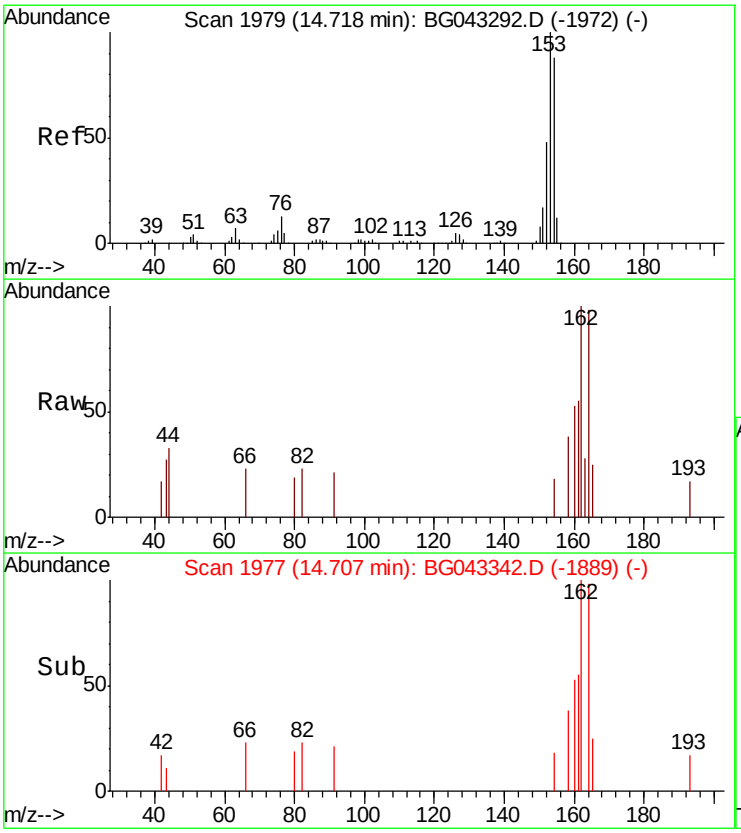
#50
Dimethylphthalate
Concen: 4.986 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:163 Resp: 39313

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	9.3	8.1	12.1

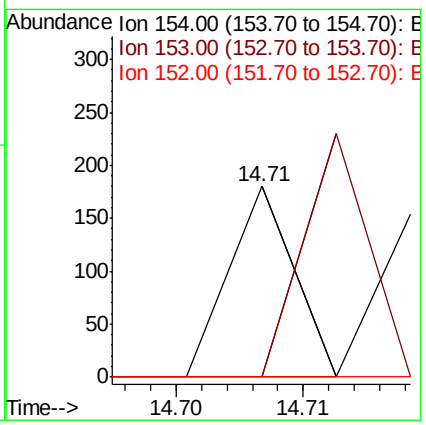


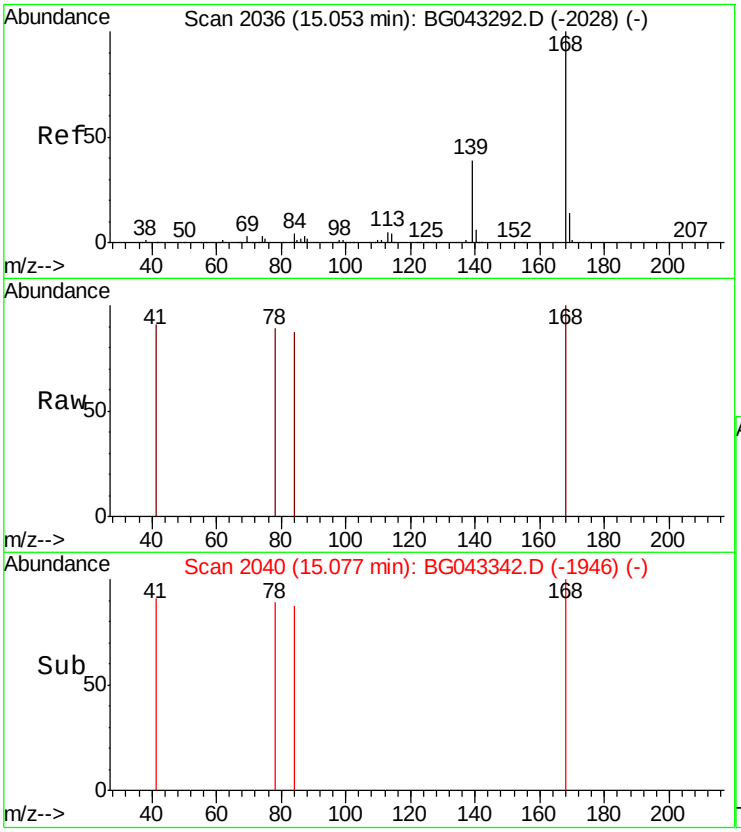


#52
Acenaphthene
Concen: 0.011 ng
RT: 14.71 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:154 Resp: 63

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.9	136.3#
152	0.0	43.9	65.9#



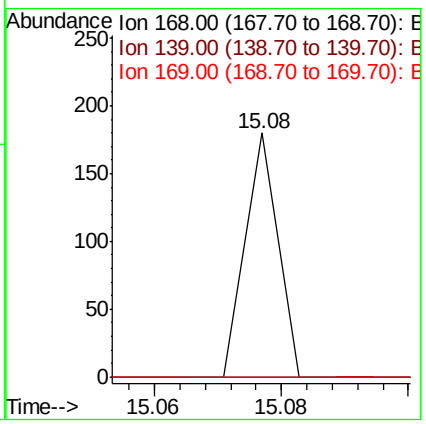


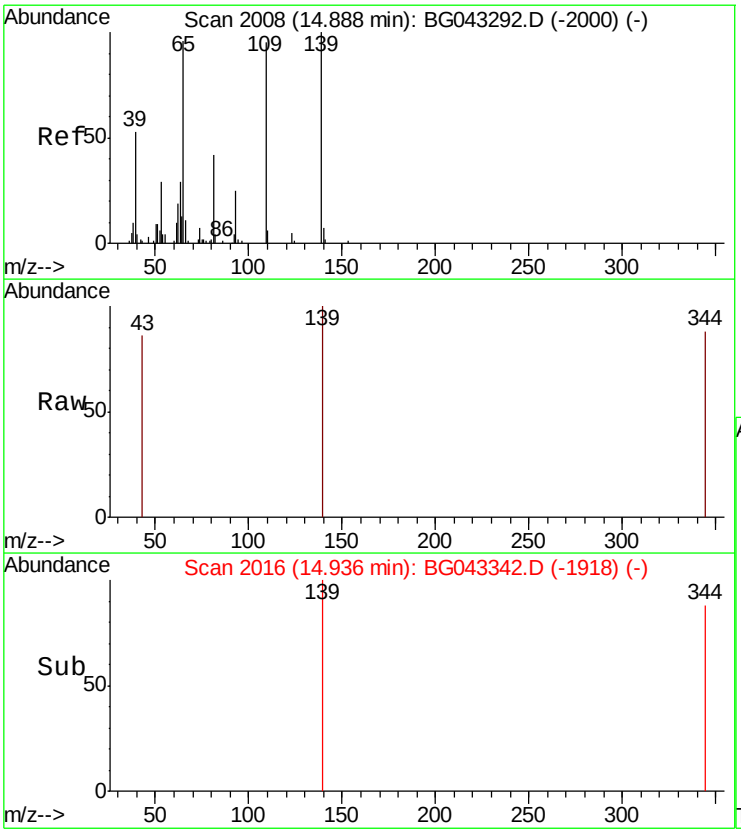
#55
Dibenzofuran
Concen: 0.007 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:168 Resp: 63

Ion	Ratio	Lower	Upper
168	100		
139	0.0	31.7	47.5#
169	0.0	11.0	16.4#

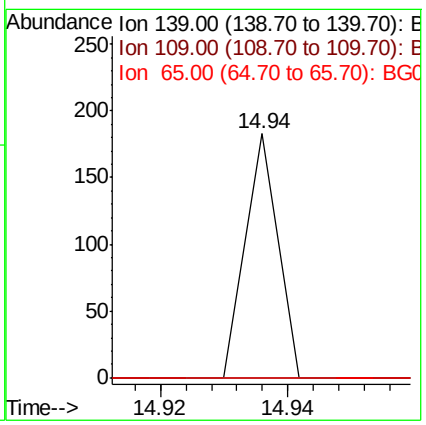


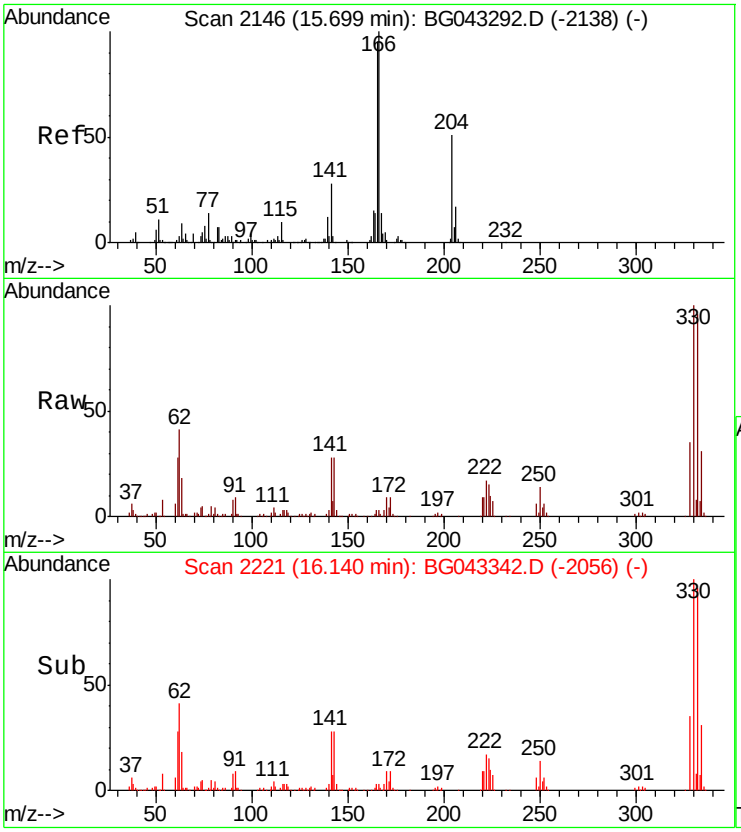


#56
4-Nitrophenol
Concen: 0.059 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.05 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:139 Resp: 65

Ion	Ratio	Lower	Upper
139	100		
109	0.0	75.4	115.4#
65	0.0	76.6	116.6#



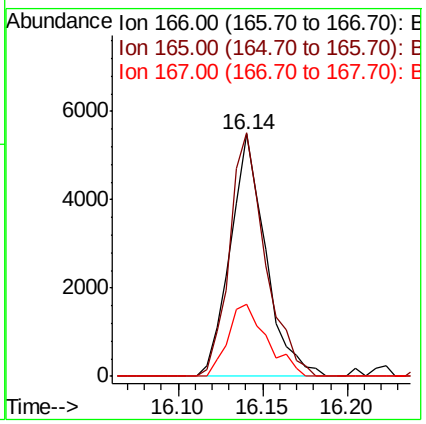


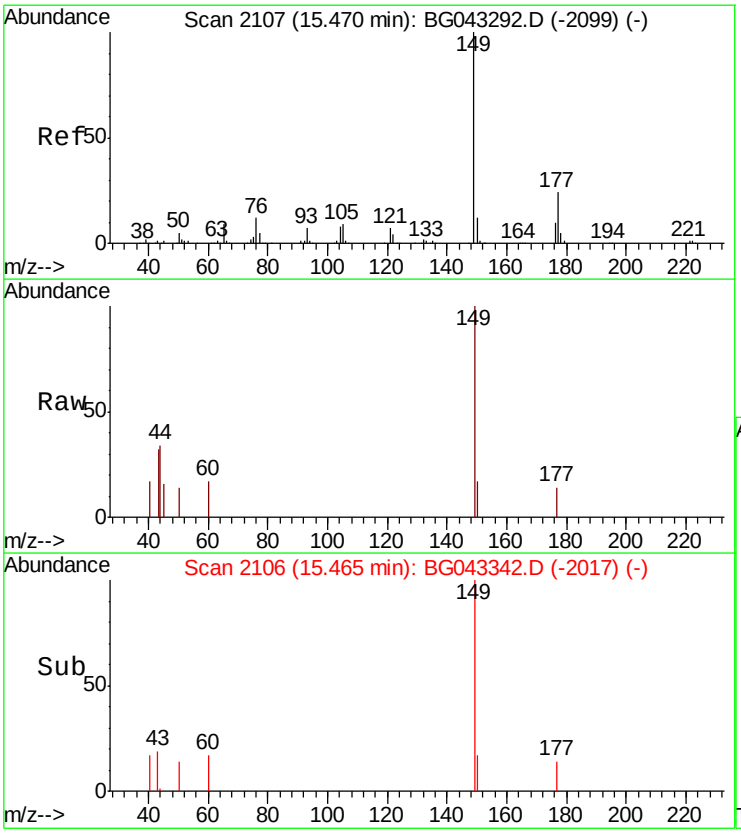
#58
Fluorene
Concen: 1.051 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.44 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:166 Resp: 7996

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.4	114.6
167	29.6	11.1	16.7#

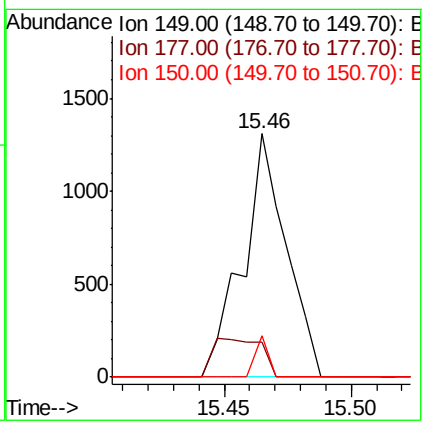


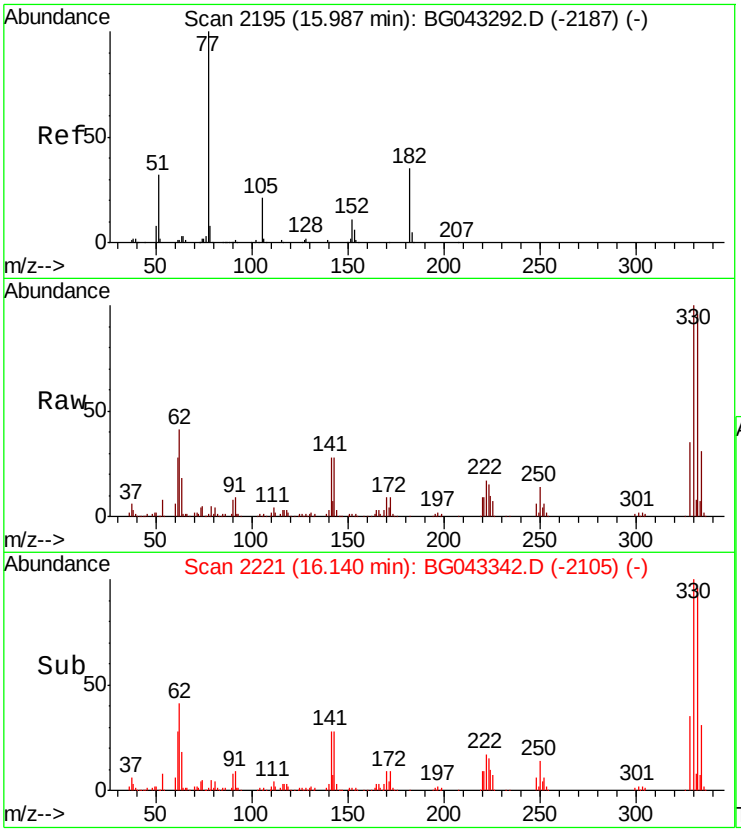


#60
Diethylphthalate
Concen: 0.198 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:149 Resp: 1571

Ion	Ratio	Lower	Upper
149	100		
177	14.4	19.0	28.4#
150	16.9	9.4	14.0#



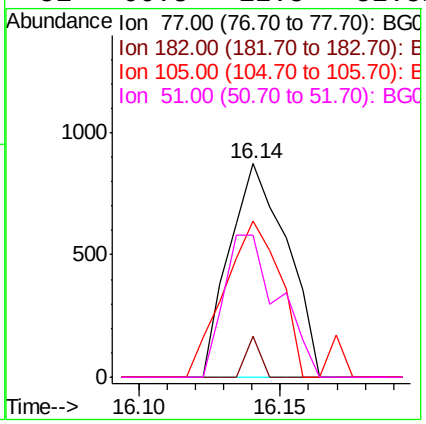


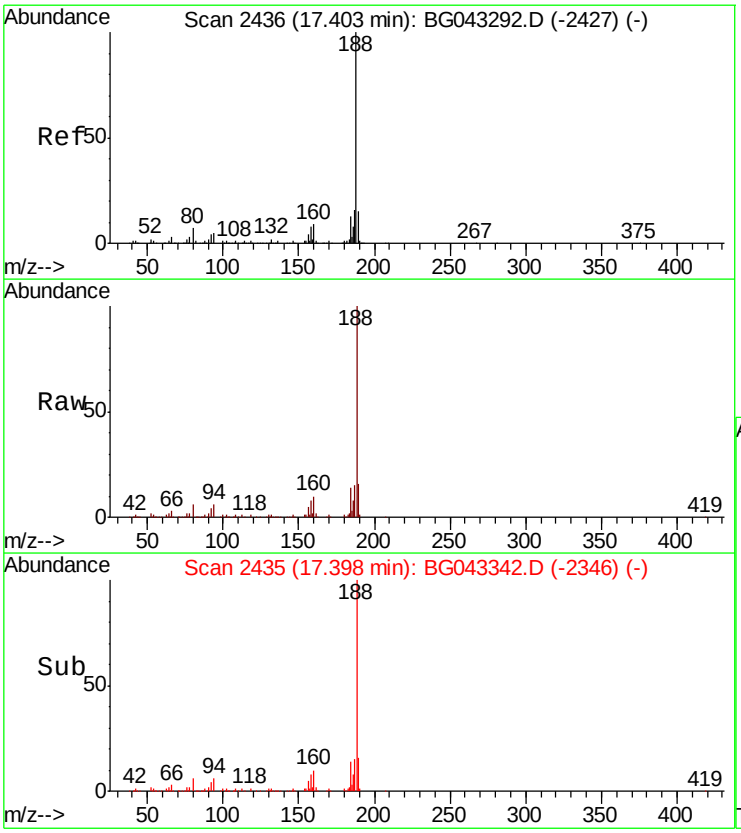
#63
Azobenzene
Concen: 0.193 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.15 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion: 77 Resp: 1236

Ion	Ratio	Lower	Upper
77	100		
182	19.5	14.9	54.9
105	73.0	0.6	40.6#
51	66.8	12.5	52.5#

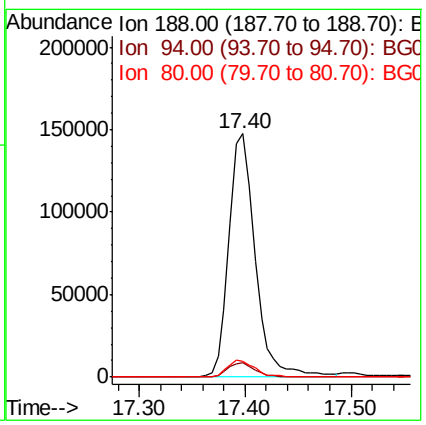


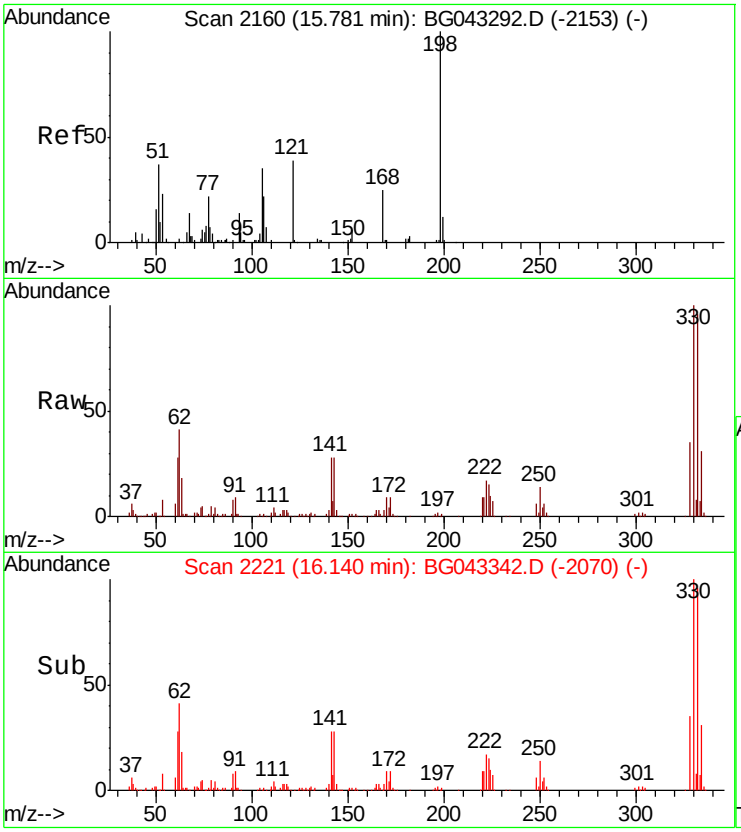


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:188 Resp: 255293

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.4	5.2	7.8



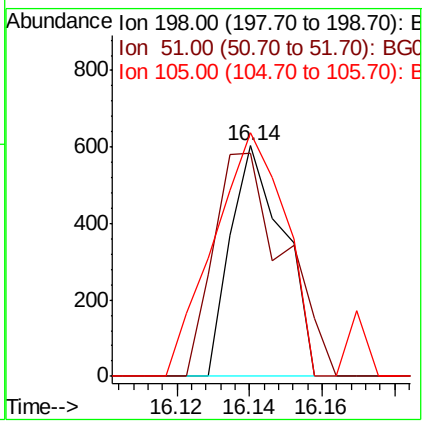


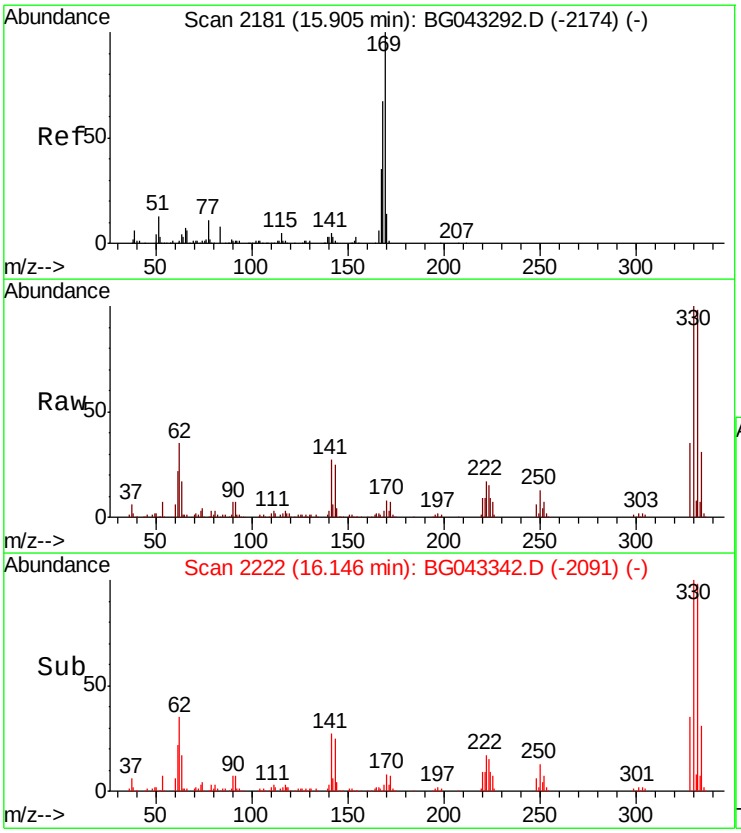
#65
4,6-Dinitro-2-methylphenol
Concen: 0.407 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:198 Resp: 612

Ion	Ratio	Lower	Upper
198	100		
51	96.7	21.4	61.4#
105	105.6	16.5	56.5#

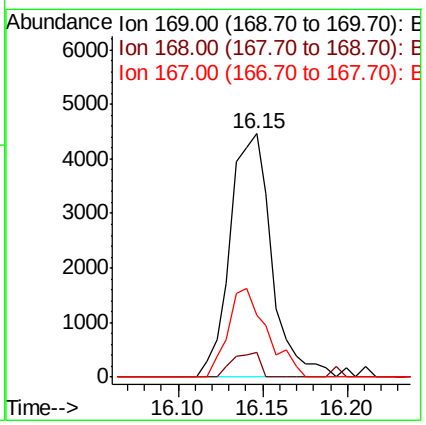


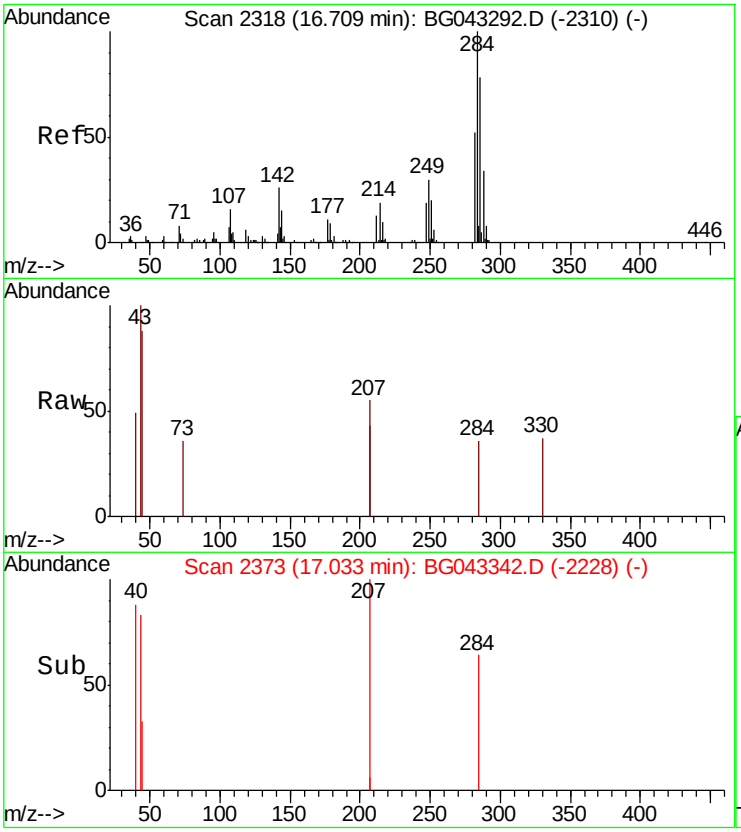


#66
n-Nitrosodiphenylamine
Concen: 1.059 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.24 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:169 Resp: 7633

Ion	Ratio	Lower	Upper
169	100		
168	10.2	53.9	80.9#
167	25.4	28.3	42.5#



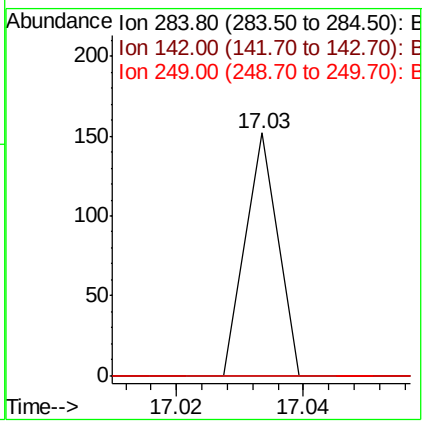


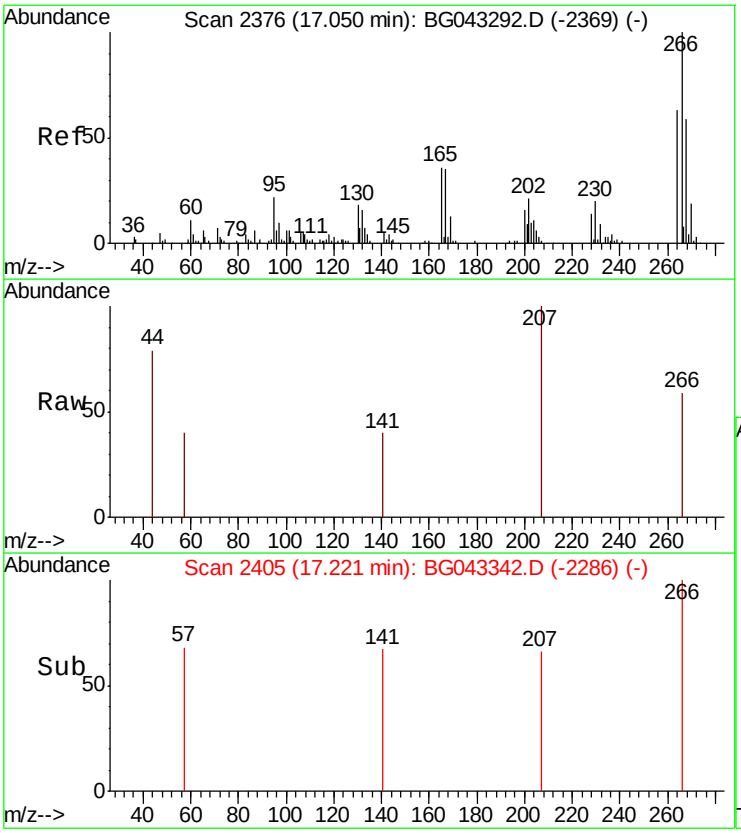
#68
Hexachlorobenzene
Concen: 0.014 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.32 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:284 Resp: 54

Ion	Ratio	Lower	Upper
284	100		
142	0.0	21.1	31.7#
249	0.0	24.4	36.6#

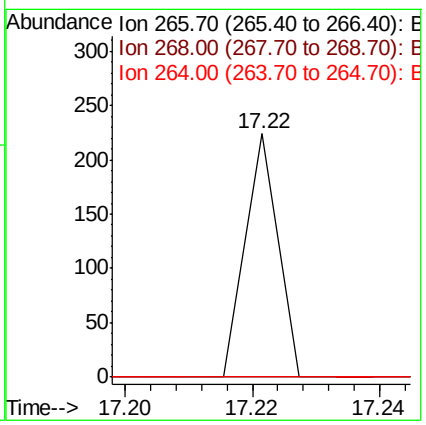


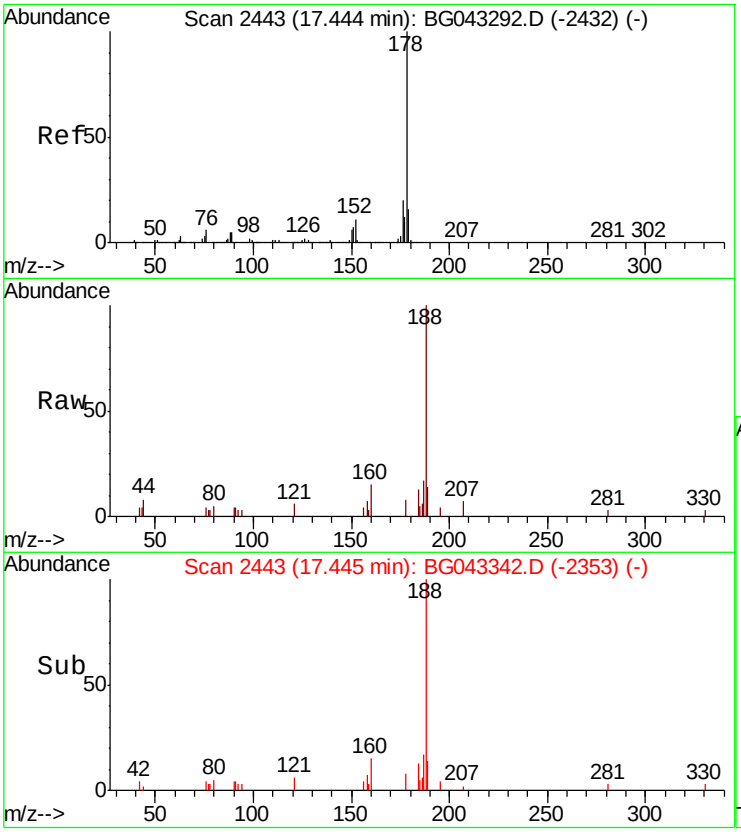


#70
Pentachlorophenol
Concen: 0.044 ng
RT: 17.22 min Scan# 2405
Delta R.T. 0.17 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:266 Resp: 79

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.1	70.7#
264	0.0	50.4	75.6#



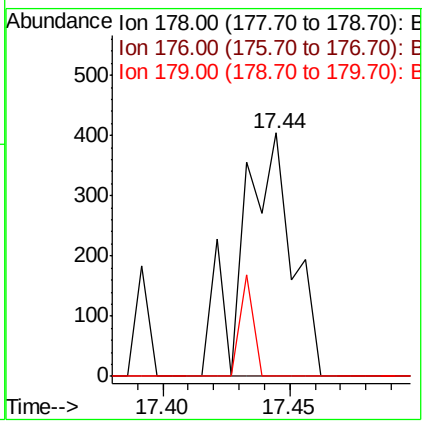


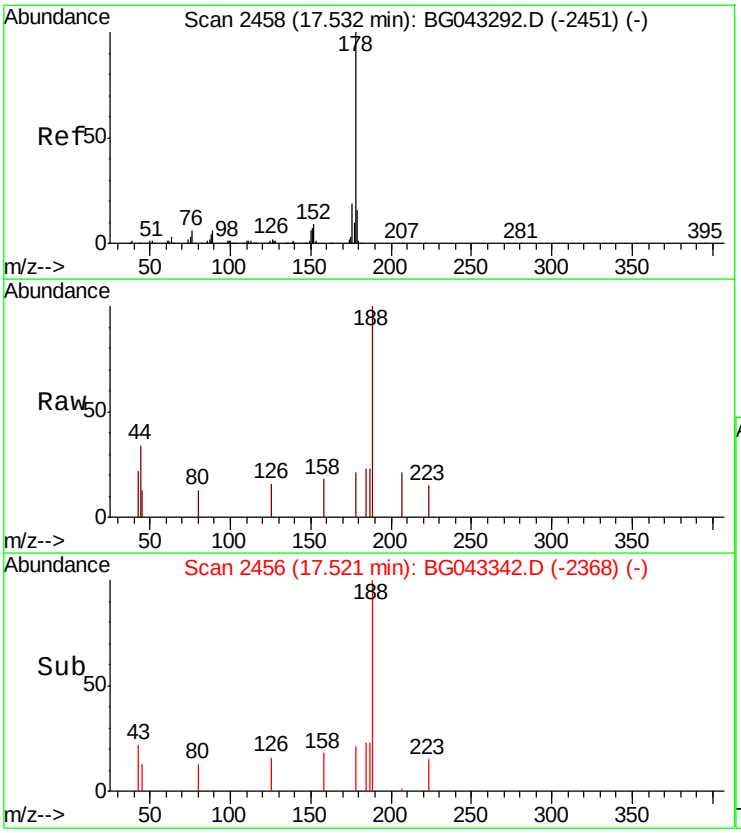
#71
Phenanthrene
Concen: 0.044 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:178 Resp: 569

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	13.1	19.7#

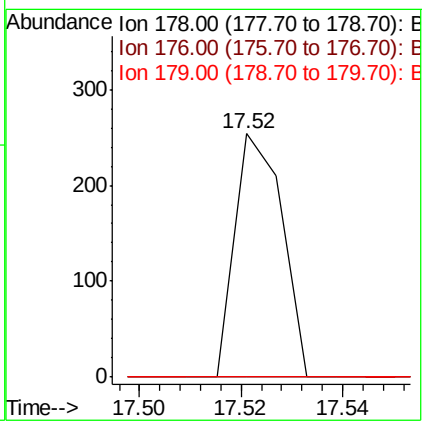


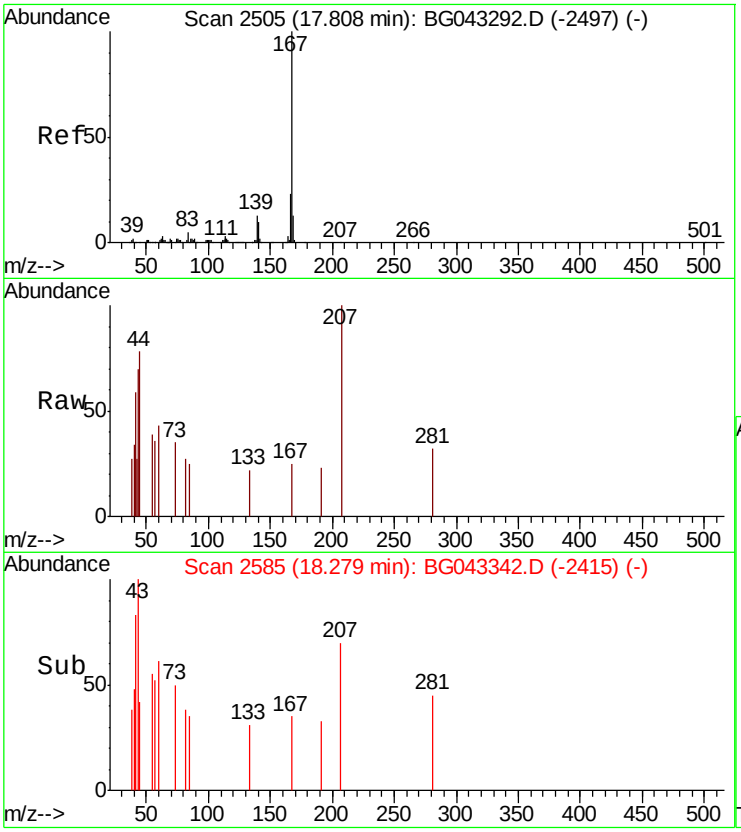


#72
Anthracene
Concen: 0.013 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:178 Resp: 164

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	13.0	19.6#



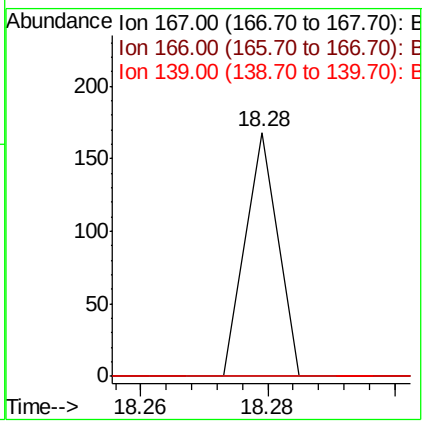


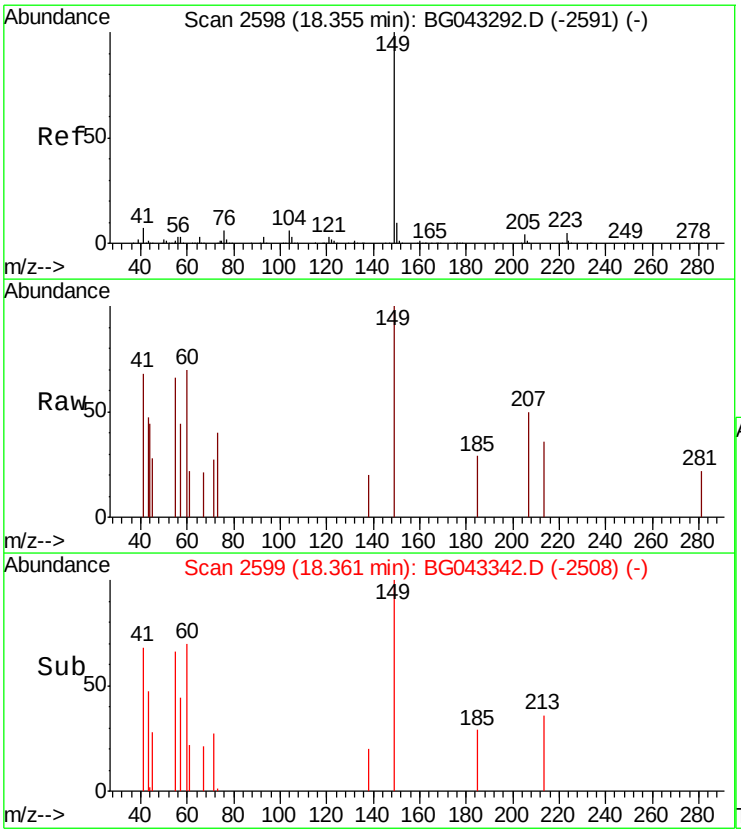
#73
Carbazole
Concen: 0.005 ng
RT: 18.28 min Scan# 2585
Delta R.T. 0.47 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:167 Resp: 59

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.4	27.6#
139	0.0	10.2	15.4#

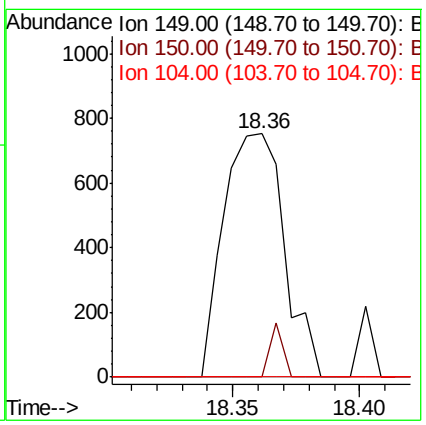


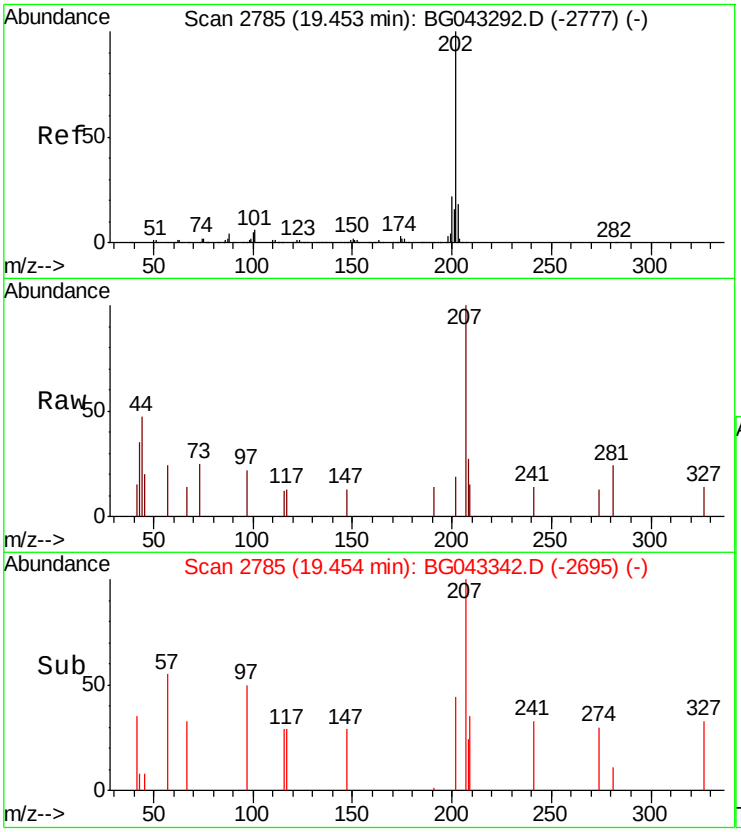


#74
Di-n-butylphthalate
Concen: 0.087 ng
RT: 18.36 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:149 Resp: 1255

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.0	12.0#
104	0.0	4.7	7.1#



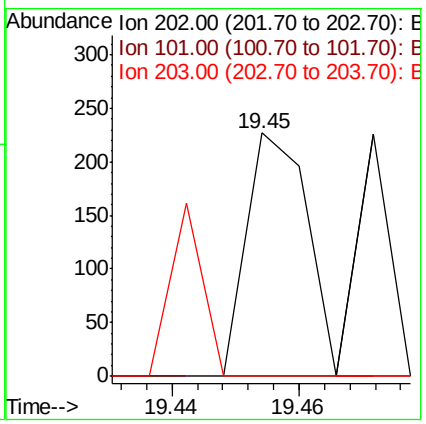


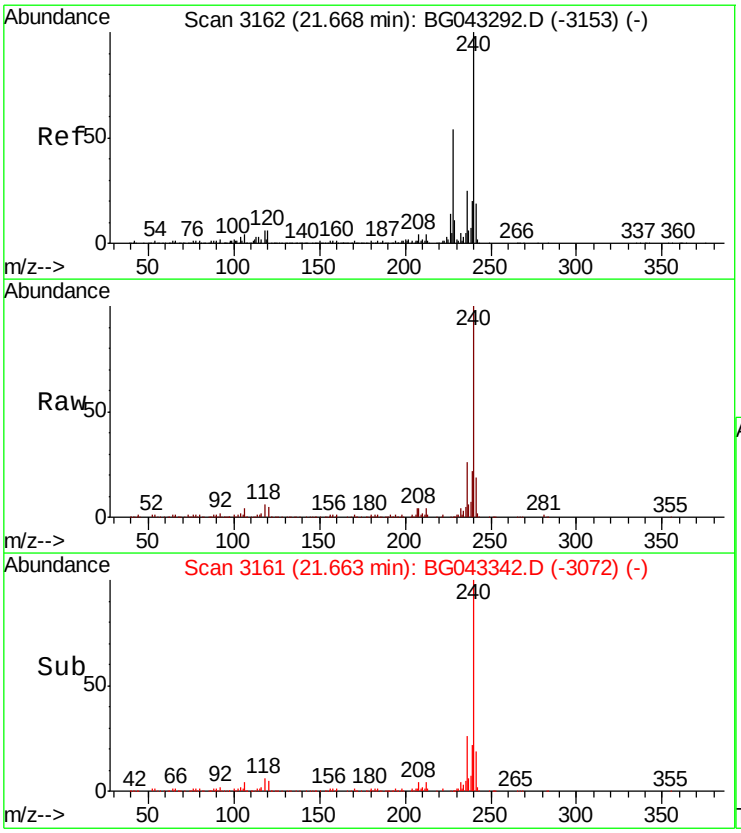
#75
Fluoranthene
Concen: 0.009 ng
RT: 19.45 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:202 Resp: 149

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	26.0
203	0.0	0.0	38.2

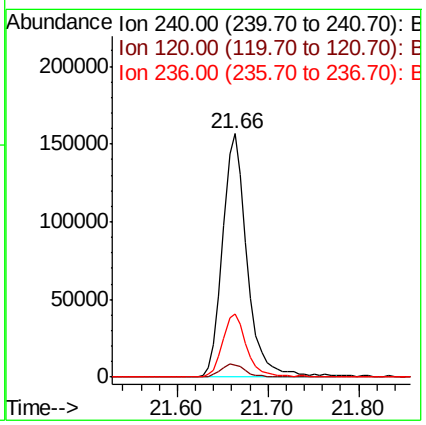


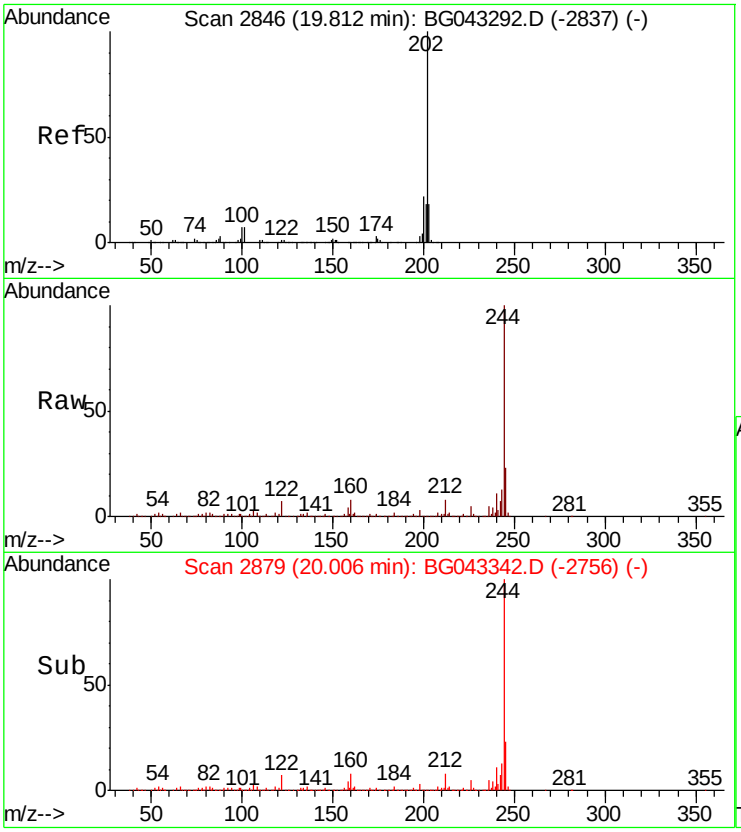


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:240 Resp: 293422

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.6	7.0
236	26.0	20.2	30.4



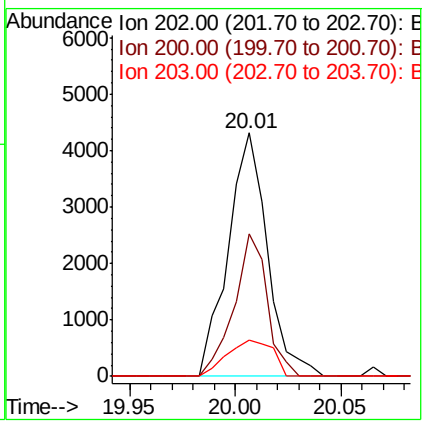


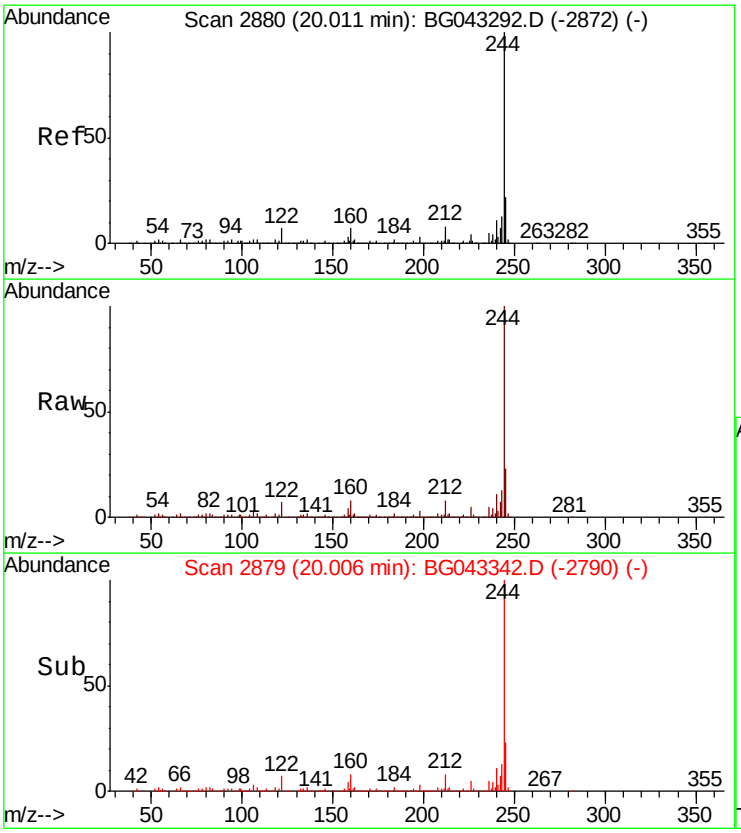
#78
Pyrene
Concen: 0.305 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.19 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:202 Resp: 5534

Ion	Ratio	Lower	Upper
202	100		
200	58.7	17.3	25.9#
203	15.0	14.5	21.7

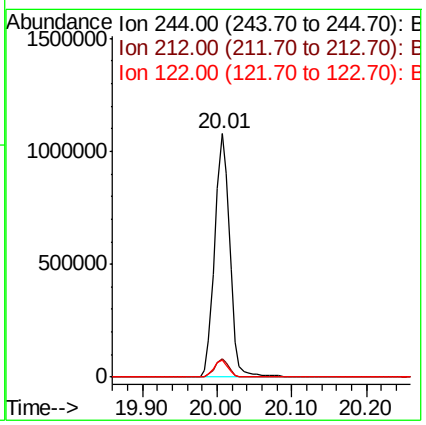


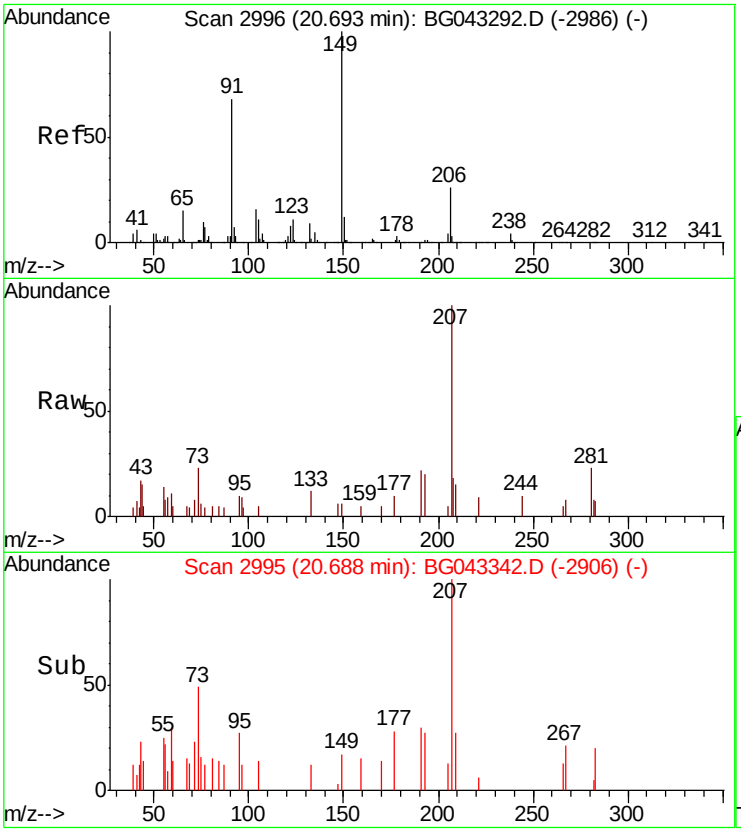


#79
Terphenyl-d14
Concen: 96.589 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:244 Resp: 1510685

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.2	5.3	7.9



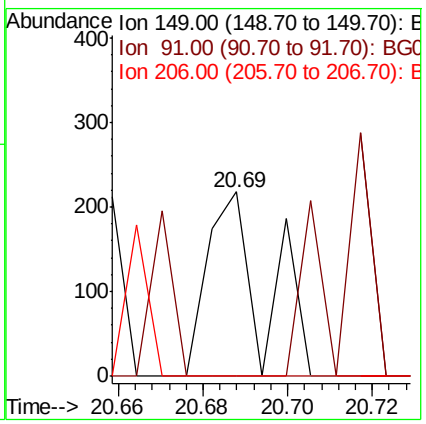


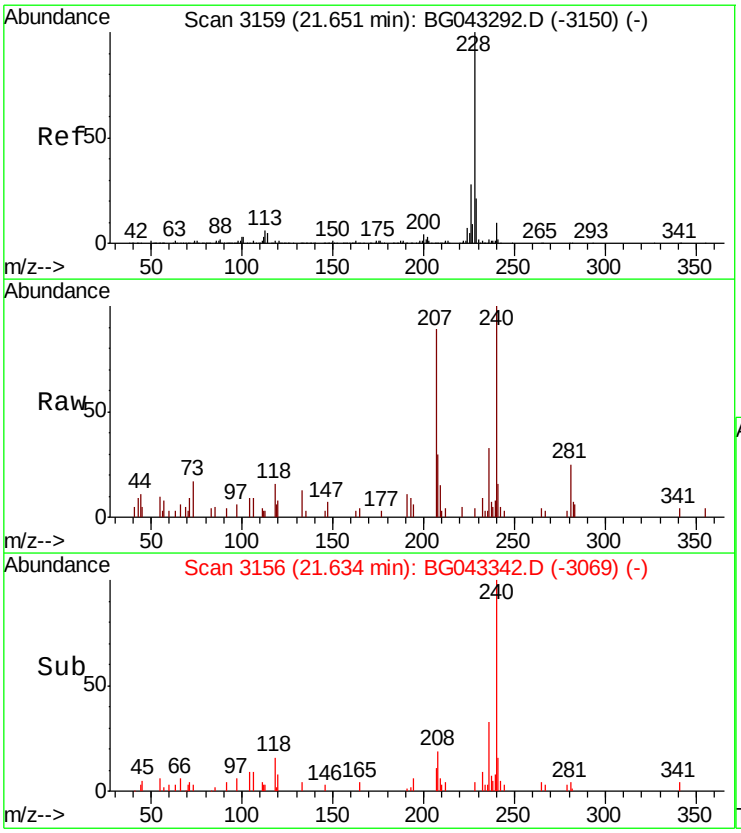
#80
Butylbenzylphthalate
Concen: 0.030 ng
RT: 20.69 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:149 Resp: 204

Ion	Ratio	Lower	Upper
149	100		
91	0.0	54.6	82.0#
206	0.0	20.5	30.7#

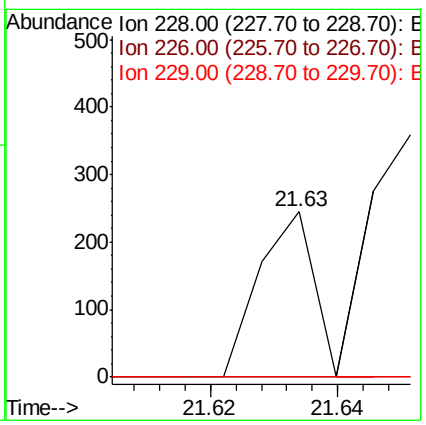


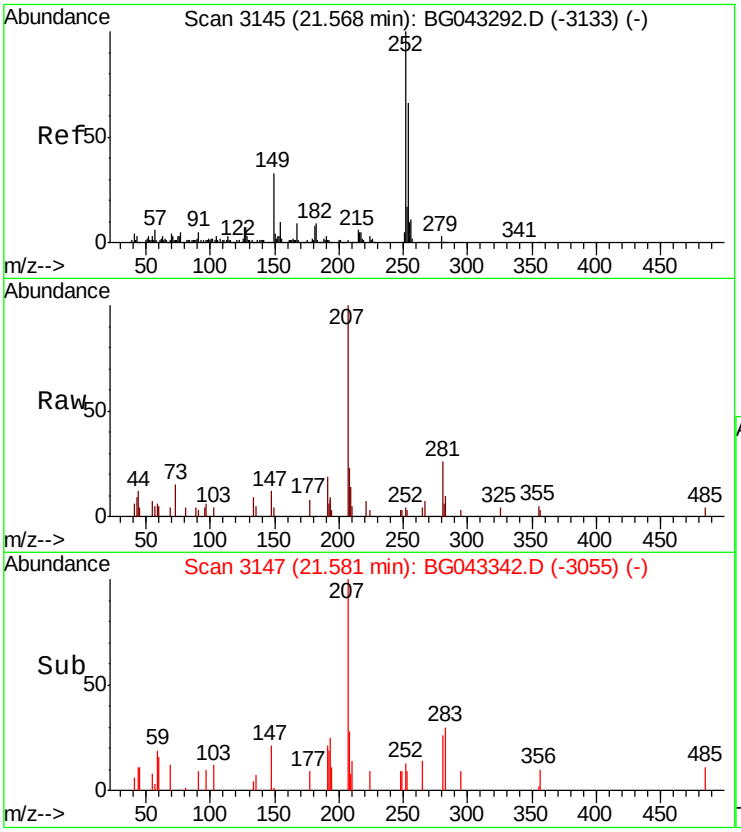


#81
Benzo(a)anthracene
Concen: 0.008 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:228 Resp: 147

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	0.0	16.9	25.3#



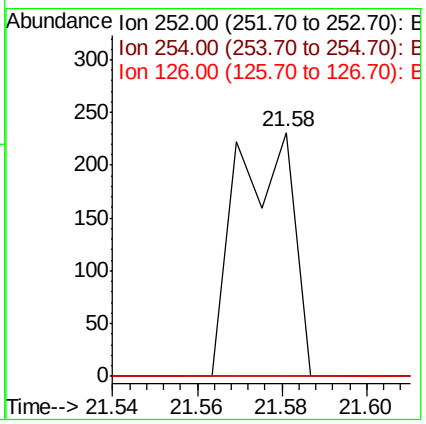


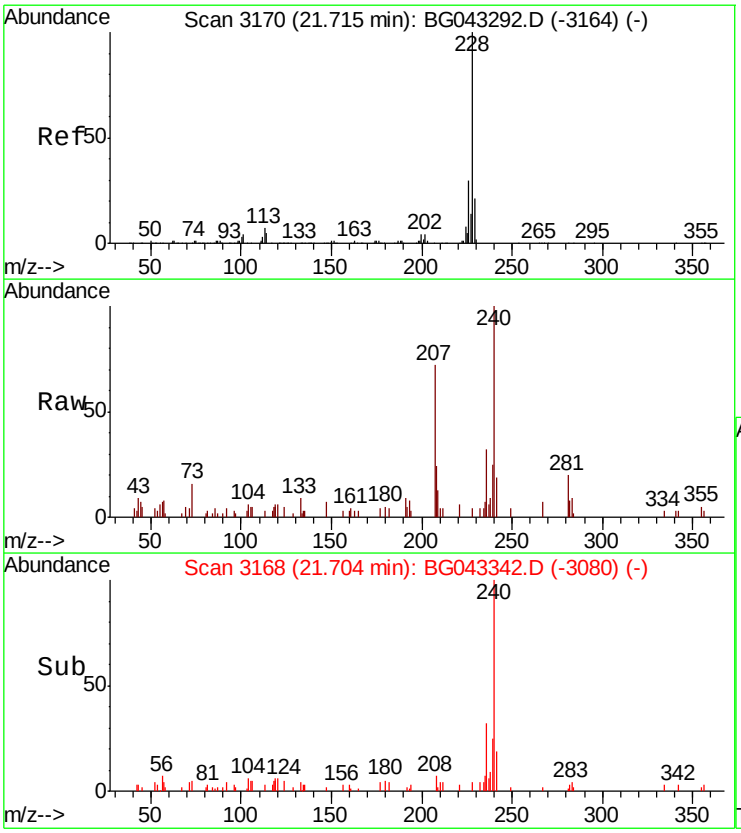
#82
3,3'-Dichlorobenzidine
Concen: 0.030 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:252 Resp: 216

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	0.0	5.6	8.4#

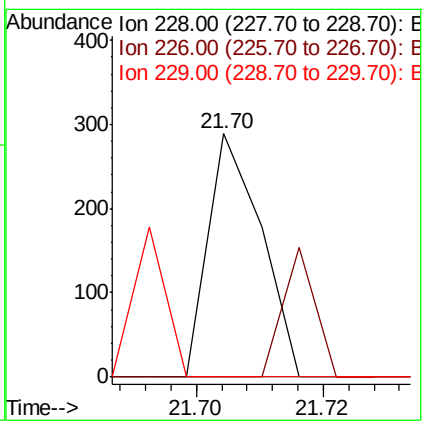


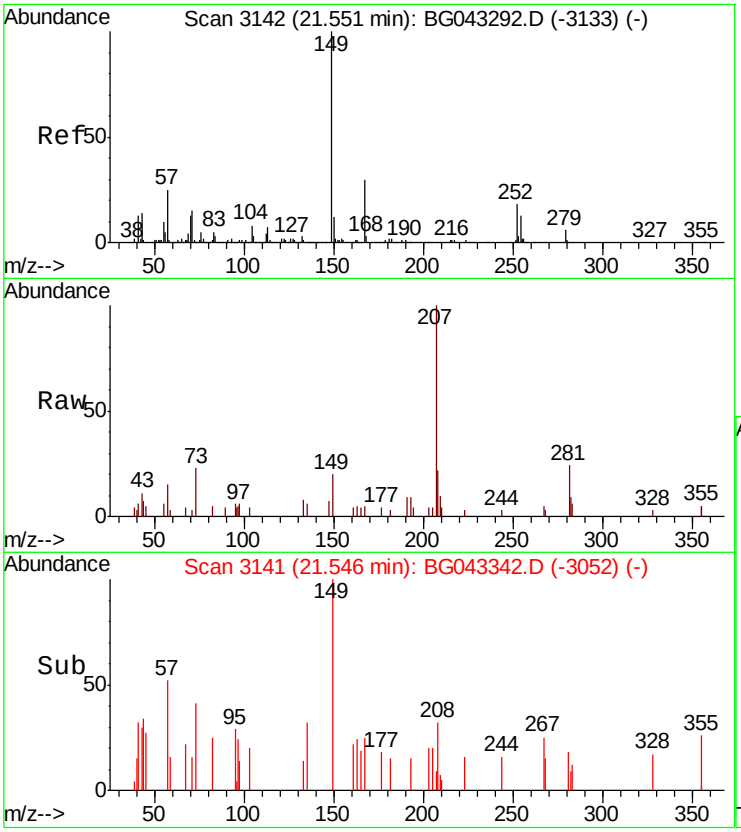


#83
Chrysene
Concen: 0.009 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:228 Resp: 165

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	0.0	16.3	24.5#



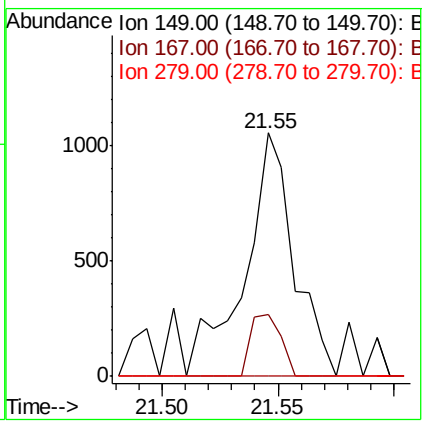


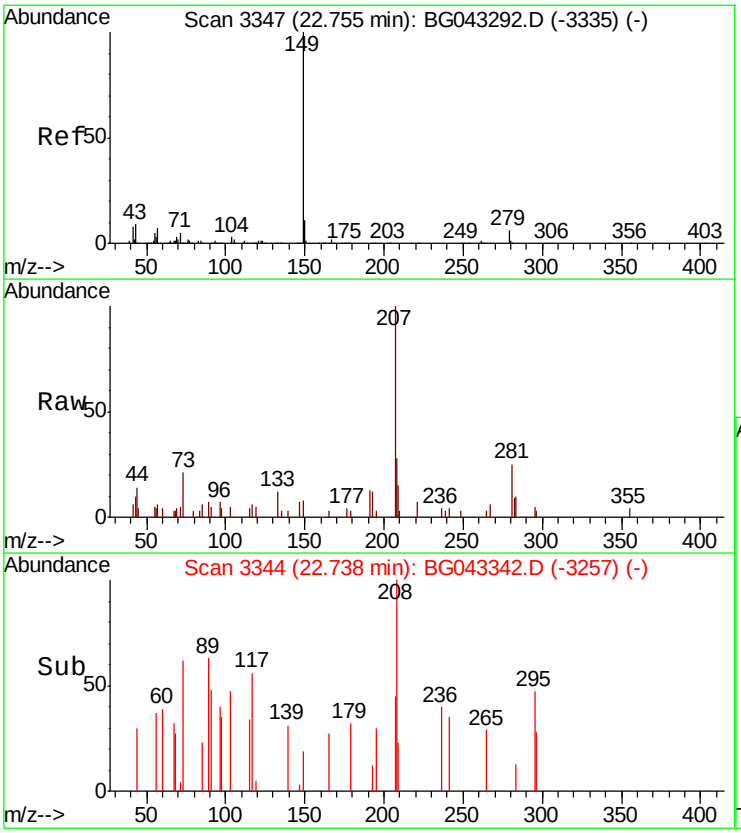
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:149 Resp: 1573

Ion	Ratio	Lower	Upper
149	100		
167	25.3	23.9	35.9
279	0.0	4.8	7.2#

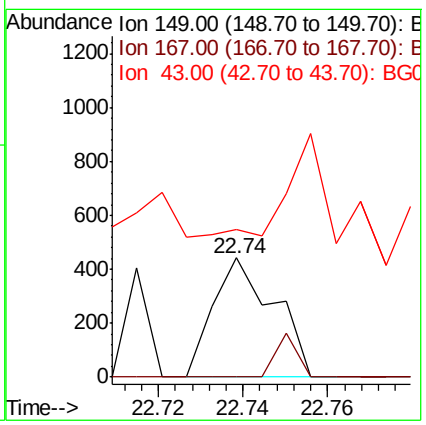


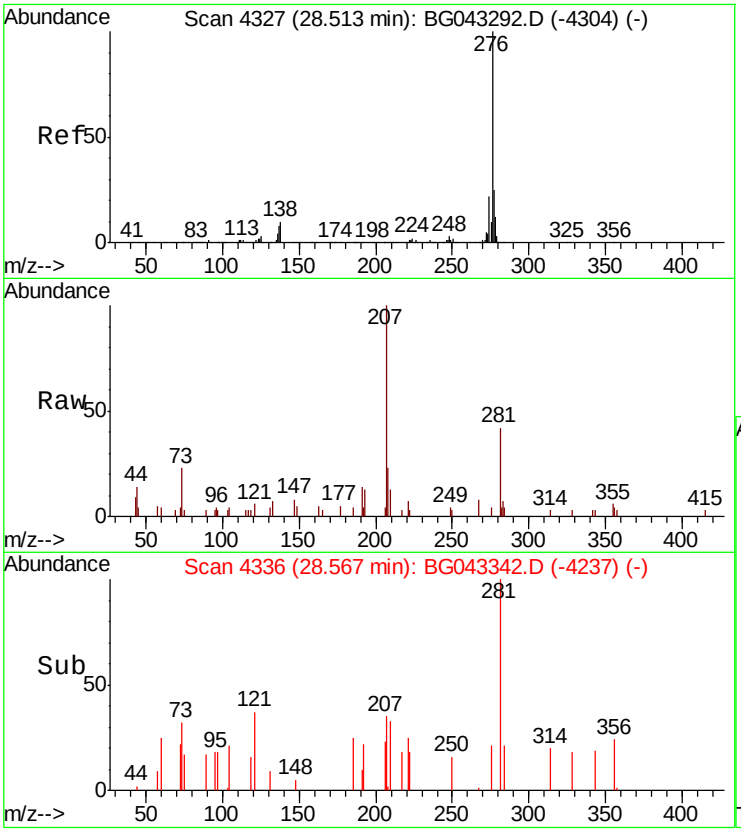


#85
Di-n-octyl phthalate
Concen: 0.027 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:149 Resp: 441

Ion	Ratio	Lower	Upper
149	100		
167	12.9	1.4	2.0#
43	0.0	6.9	10.3#



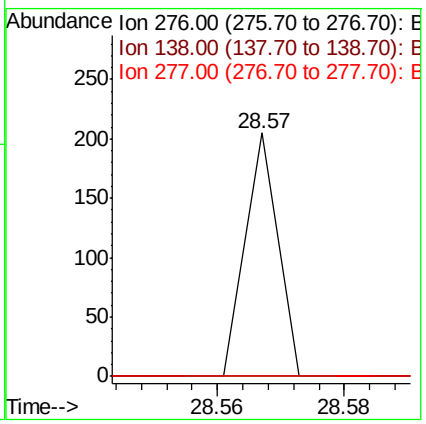


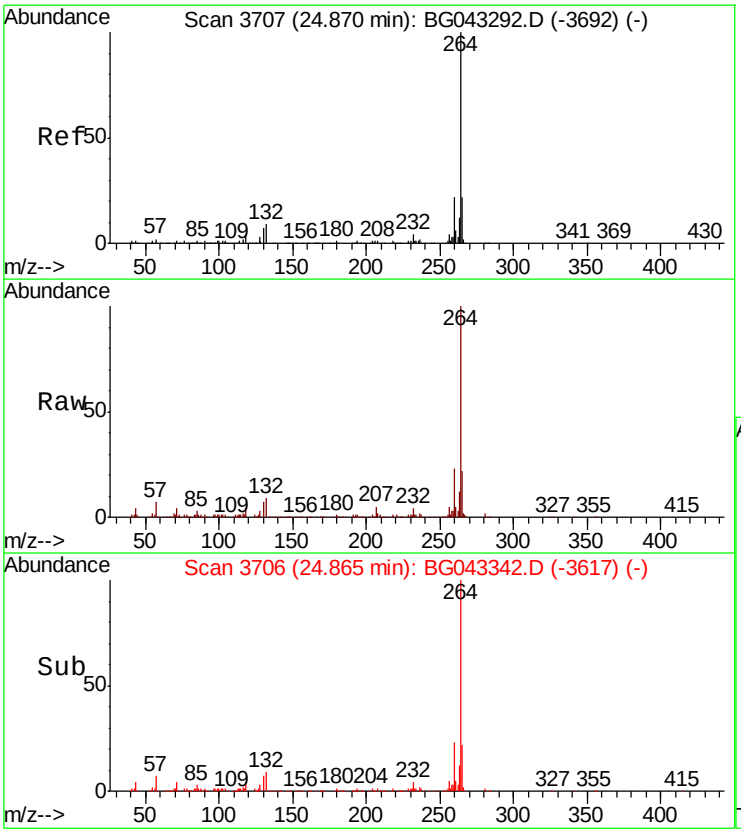
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.57 min Scan# 4336
Delta R.T. 0.05 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:276 Resp: 72

Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.2	10.8#
277	0.0	20.9	31.3#

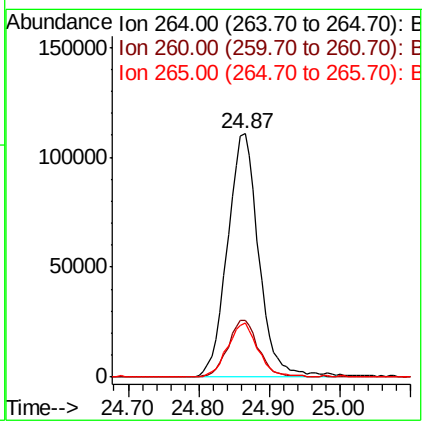


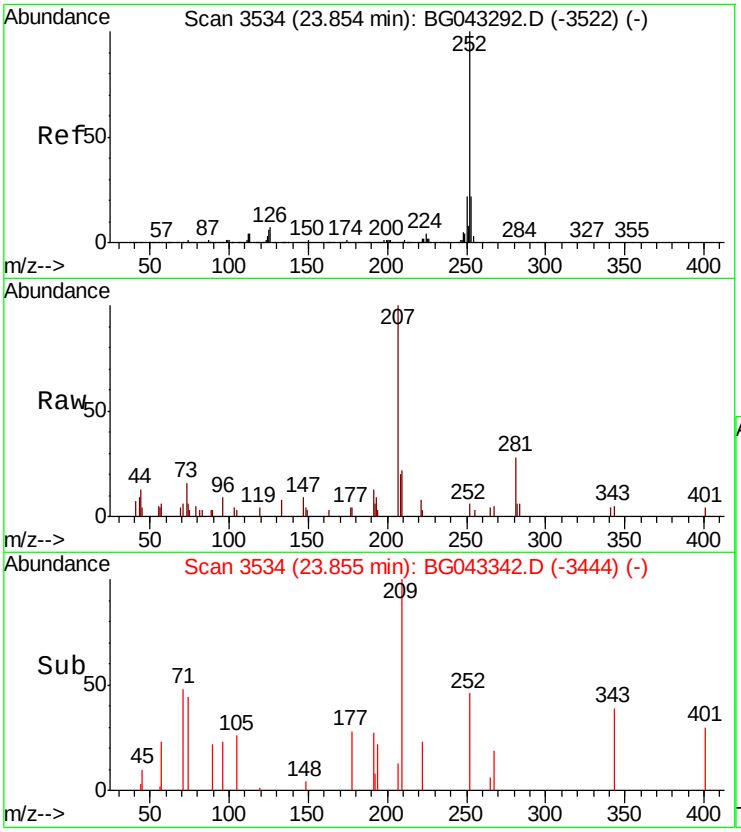


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:264 Resp: 340849

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	22.0	17.4	26.2



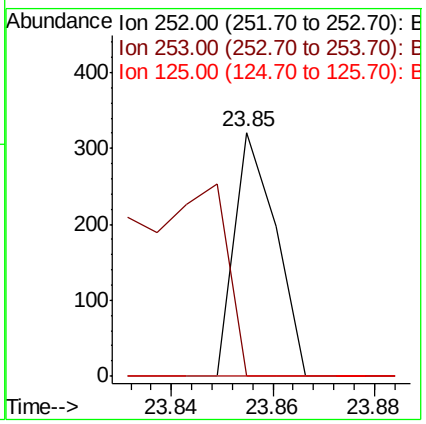


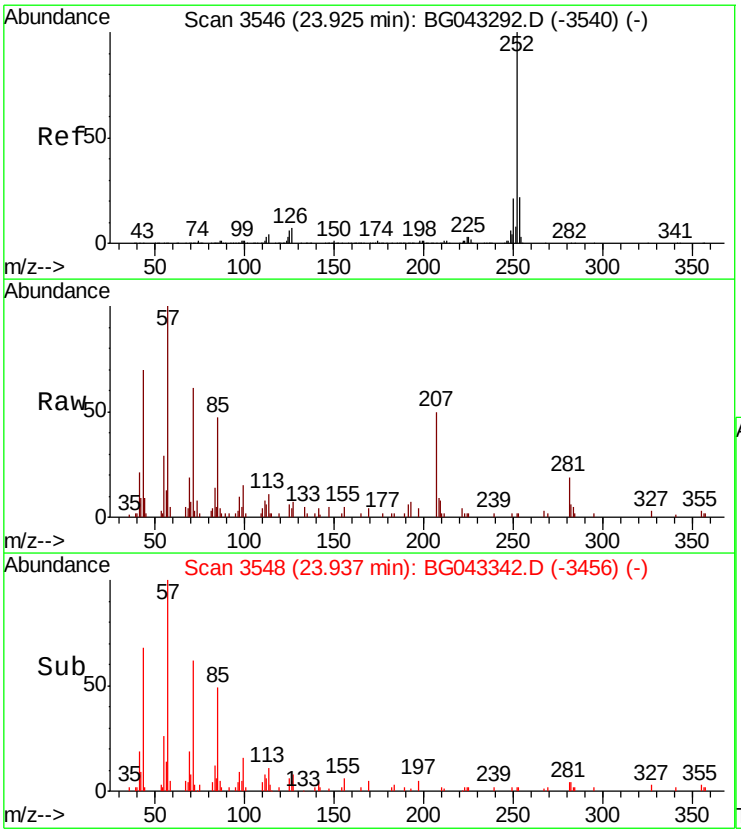
#88
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:252 Resp: 183

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	5.0	7.6#

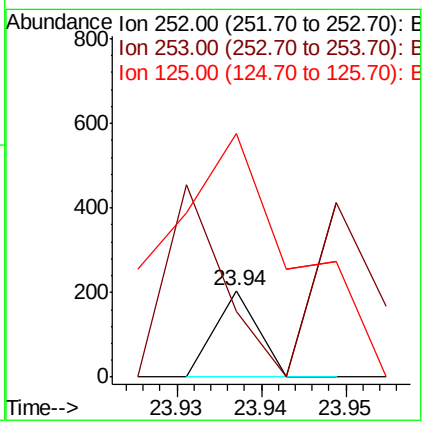


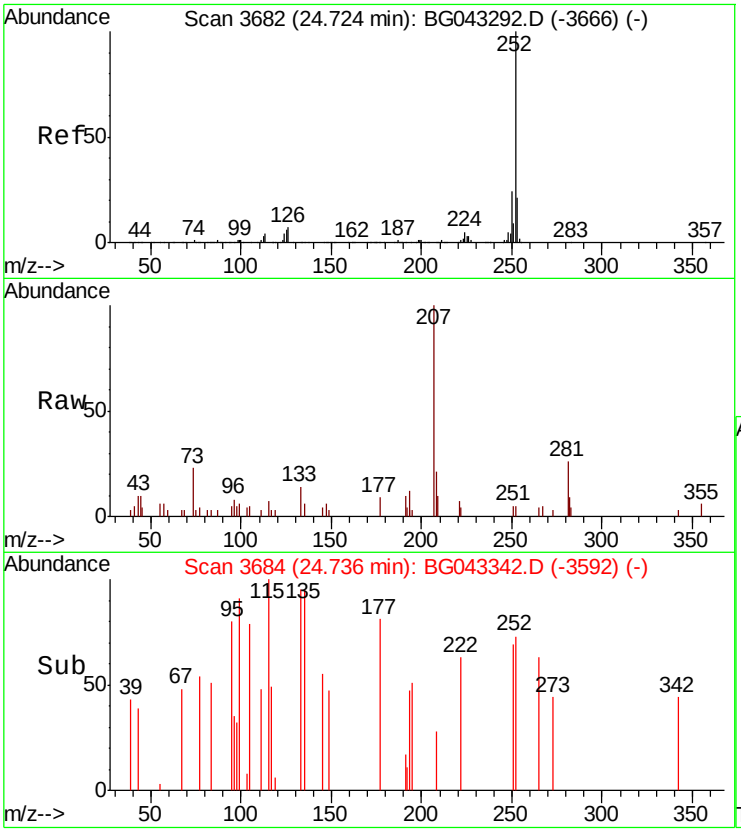


#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.94 min Scan# 3548
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	76.0	17.6	26.4#
125	282.4	4.5	6.7#



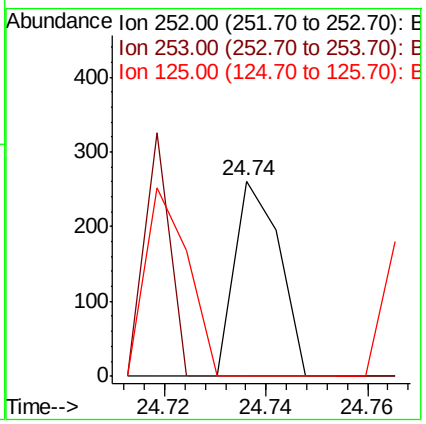


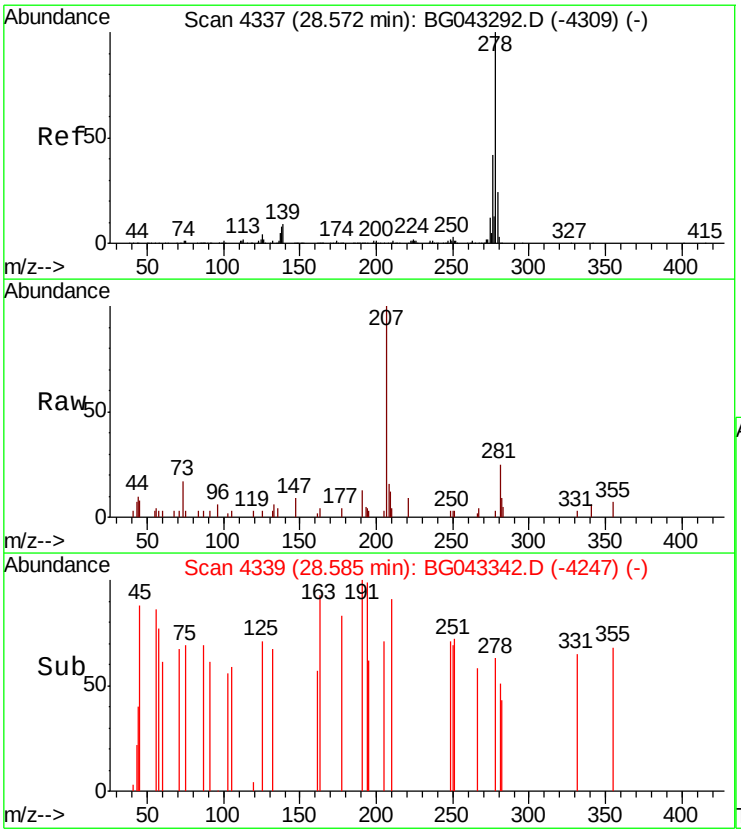
#90
Benzo(a)pyrene
Concen: 0.009 ng
RT: 24.74 min Scan# 3684
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:252 Resp: 161

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	5.0	7.6#

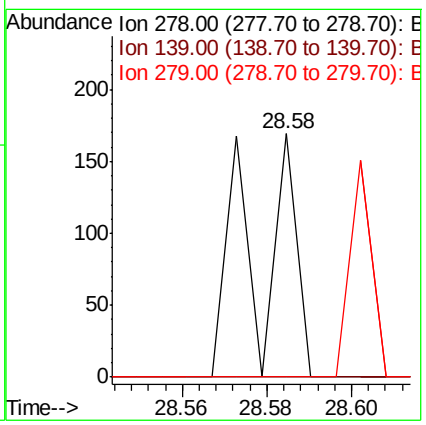


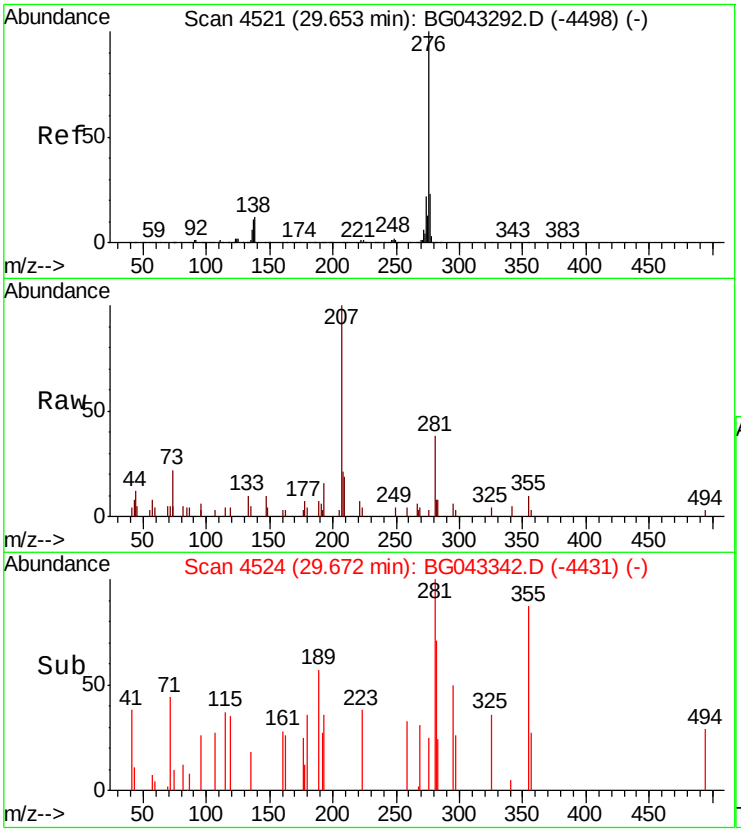


#91
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 28.58 min Scan# 4339
Delta R.T. 0.01 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Tgt Ion:278 Resp: 119

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.8	10.2#
279	0.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 29.67 min Scan# 4524
Delta R.T. 0.02 min
Lab File: BG043342.D
Acq: 25 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
HD-02-102319

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	9.3	13.9#