Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
Data File : BM020105.D
Acq On : 02 May 2019 17:09
Operator : JU/SJ
Sample : K2551-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-BNA-SOILDL

Quant Time: May 06 05:50:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	124038	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	484853	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	304175	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	744807	20.00	ng	0.00
76) Chrysene-d12	21.36	240	782410	20.00	ng	0.00
87) Perylene-d12	23.64	264	854338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	200046	26.36	ng	0.00
7) Phenol-d6	6.95	99	302598	29.19	ng	0.00
23) Nitrobenzene-d5	8.95	82	231047	18.81	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	137858	29.20	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	504141	20.39	ng	0.00
79) Terphenyl-d14	19.80	244	942630	21.01	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	7.22	93	180016	22.193	ng	97
12) 1,3-Dichlorobenzene	7.67	146	214651	22.328	ng	97
13) 1,4-Dichlorobenzene	7.82	146	583792	60.114	ng	96
14) 1,2-Dichlorobenzene	8.14	146	580327	62.723	ng	98
18) Hexachloroethane	8.86	117	101202	24.993	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	202417	22.822	ng	96
24) Nitrobenzene	9.00	77	796893	62.583	ng	98
25) Isophorone	9.51	82	1065673	50.319	ng	99
26) 2-Nitrophenol	9.70	139	86805	22.581	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	254736	22.085	ng	100
30) 1,2,4-Trichlorobenzene	10.45	180	512853	51.647	ng	99
31) Naphthalene	10.63	128	570519	22.675	ng	99
36) 4-Chloro-3-methylphenol	11.86	107	261488	27.572	ng	95
44) 2,4,5-Trichlorophenol	12.92	196	229483	30.372	ng	98
47) 2-Chloronaphthalene	13.30	162	732552	36.646	ng	99
50) Dimethylphthalate	13.89	163	1543712	59.712	ng	99
51) 2,6-Dinitrotoluene	14.02	165	129210	23.730	ng	100
52) Acenaphthene	14.49	154	357409	19.482	ng	98
55) Dibenzofuran	14.83	168	426443	13.781	ng	100
57) 2,4-Dinitrotoluene	14.80	165	302145	40.837	ng	98
58) Fluorene	15.48	166	789276	31.057	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	610083	42.368	ng	96
67) 4-Bromophenyl-phenylether	16.37	248	350094	38.332	ng	98
68) Hexachlorobenzene	16.47	284	166422	15.835	ng	97
71) Phenanthrene	17.22	178	1025108	24.933	ng	99
80) Butylbenzylphthalate	20.50	149	961200	50.318	ng	100
81) Benzo(a)anthracene	21.34	228	1542985	28.121	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	2043884	68.952	ng	99
85) Di-n-octyl phthalate	22.16	149	555258	11.270	ng	99
90) Benzo(a)pyrene	23.54	252	1039841	20.292	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1040628	19.527	ng	99
92) Benzo(g,h,i)perylene	26.68	276	545761	10.787	ng	99

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Quant Time: May 06 05:50:39 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

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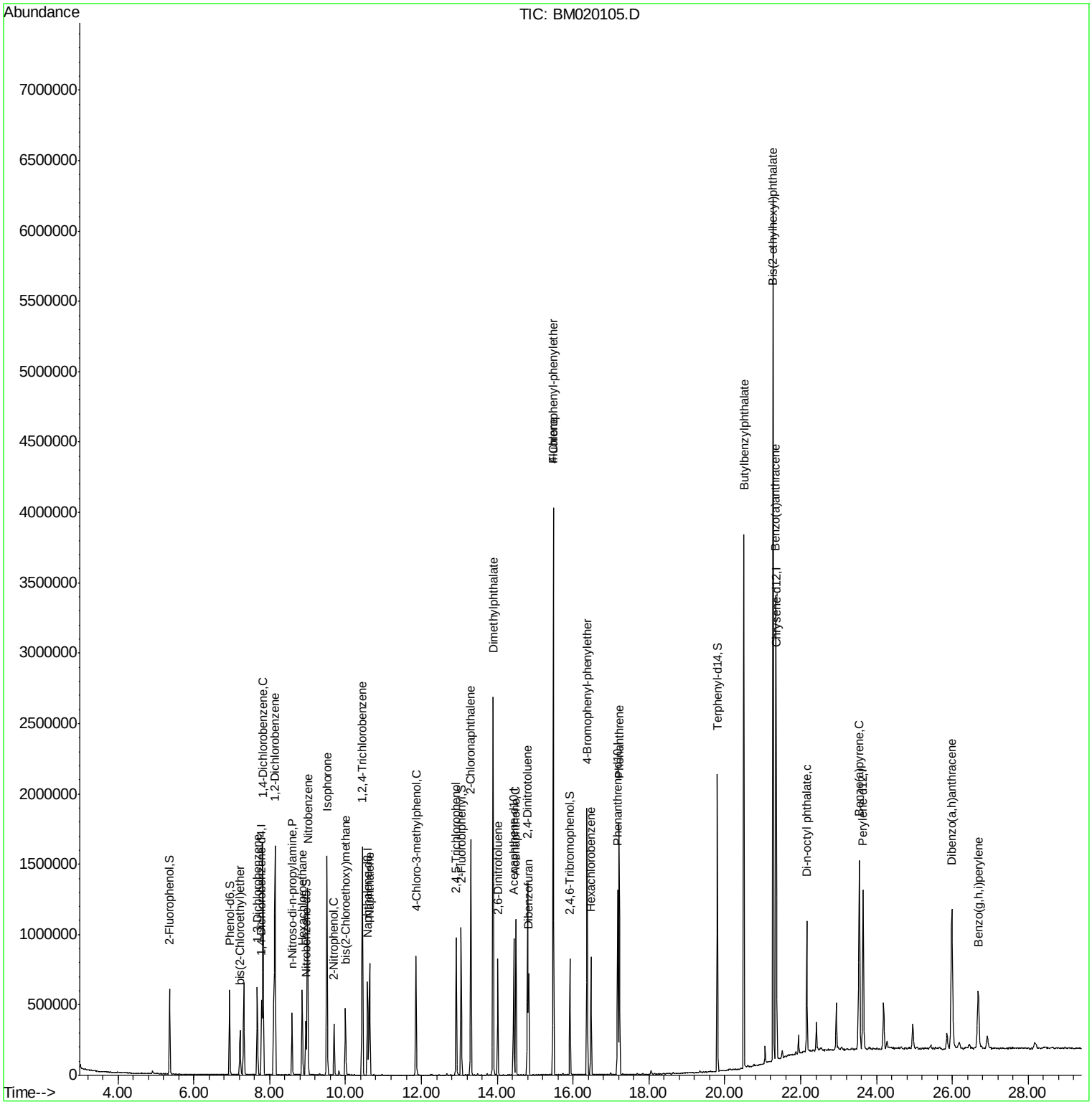
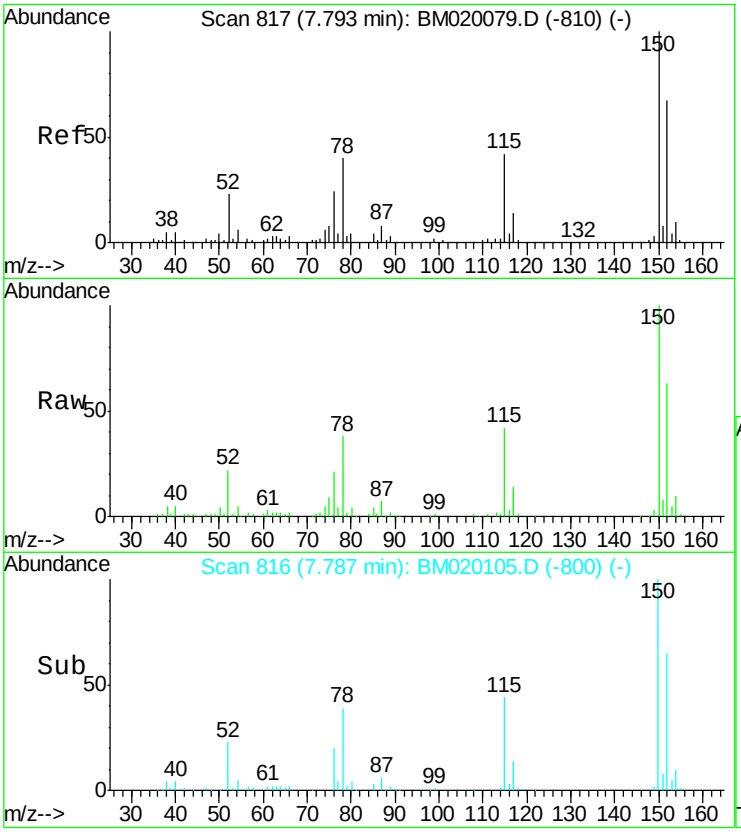


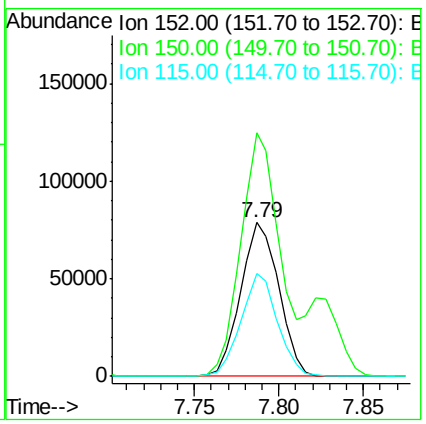


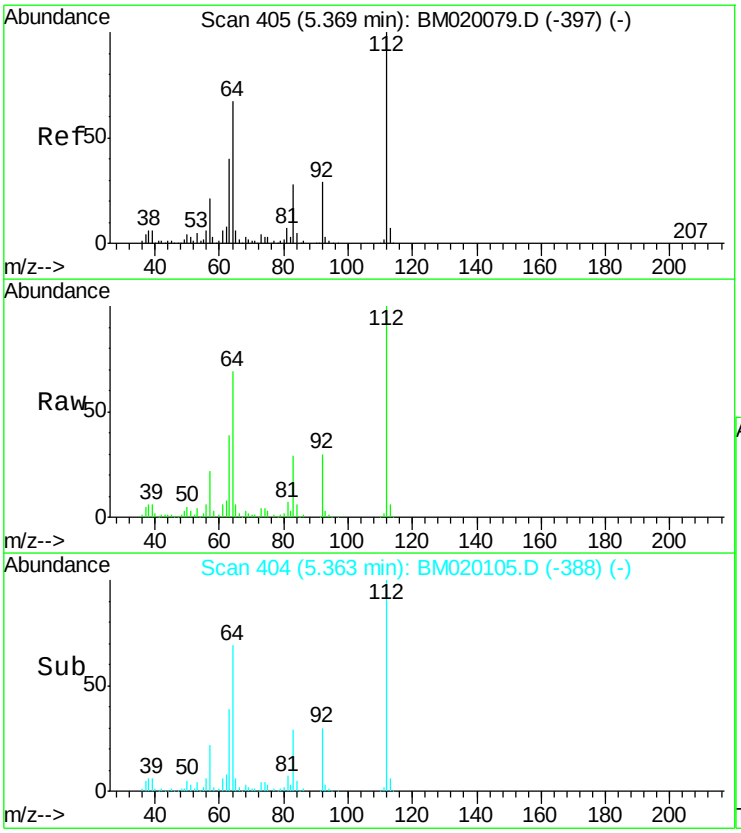
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:152 Resp: 124038

Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.8	179.8
115	67.1	50.8	76.2

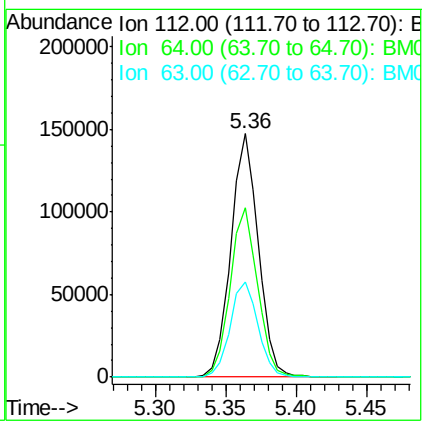


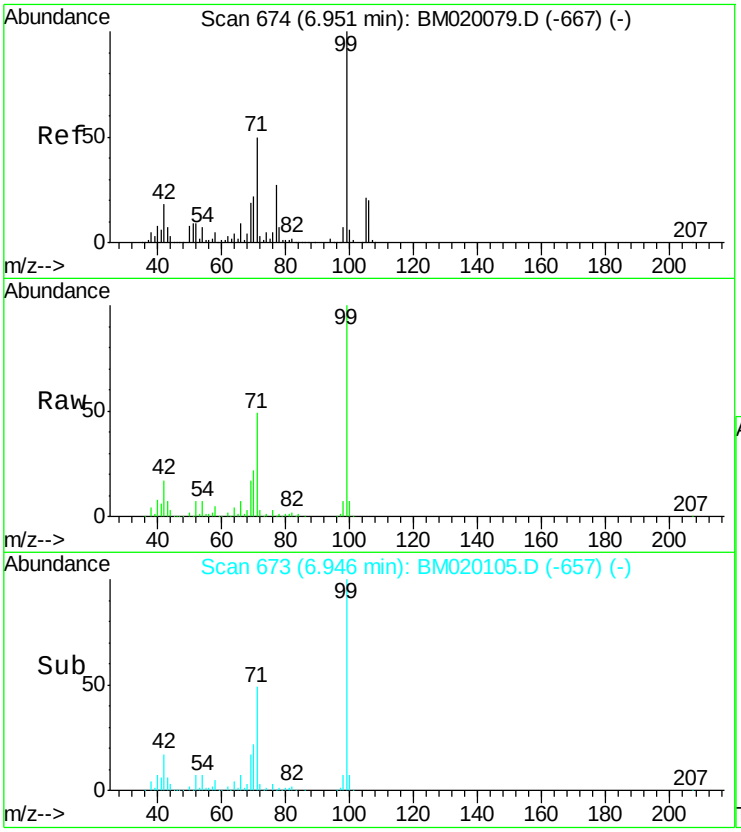


#5
2-Fluorophenol
Concen: 26.362 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:112 Resp: 200046

Ion	Ratio	Lower	Upper
112	100		
64	69.4	53.8	80.6
63	38.9	32.3	48.5



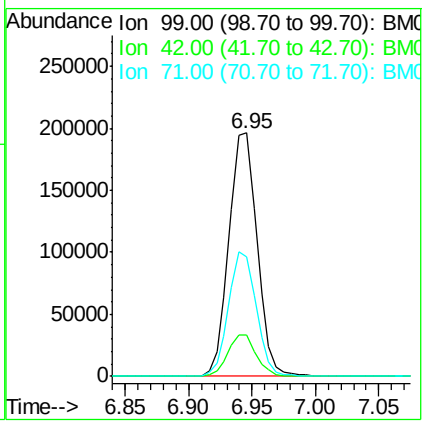


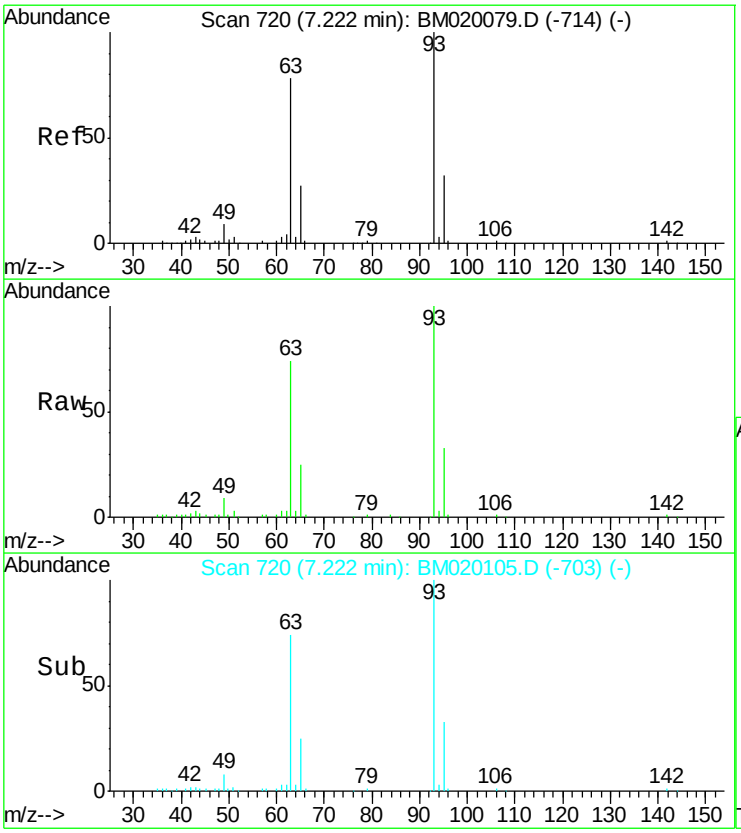
#7
Phenol-d6
Concen: 29.189 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion: 99 Resp: 302598

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.2	21.2
71	49.0	40.3	60.5

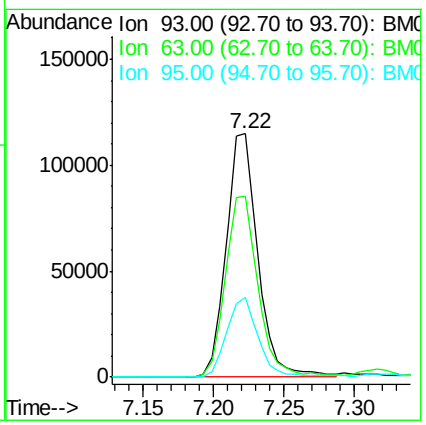


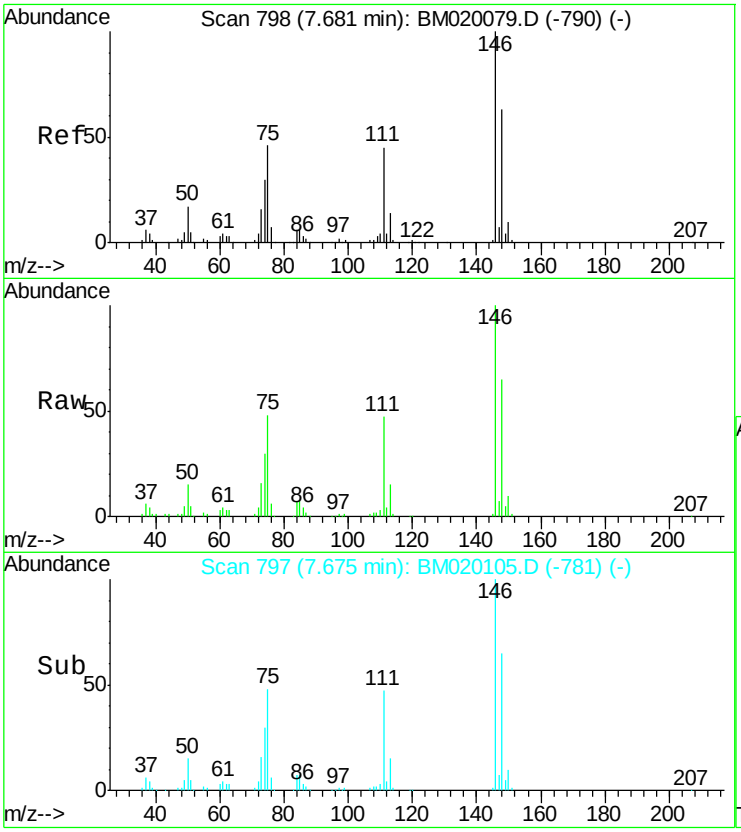


#11
bis(2-Chloroethyl)ether
Concen: 22.193 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion: 93 Resp: 180016

Ion	Ratio	Lower	Upper
93	100		
63	74.4	57.9	97.9
95	32.5	11.3	51.3



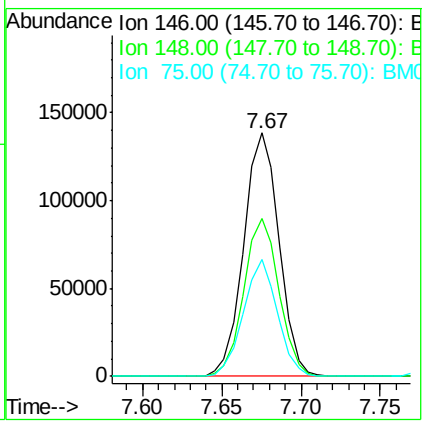


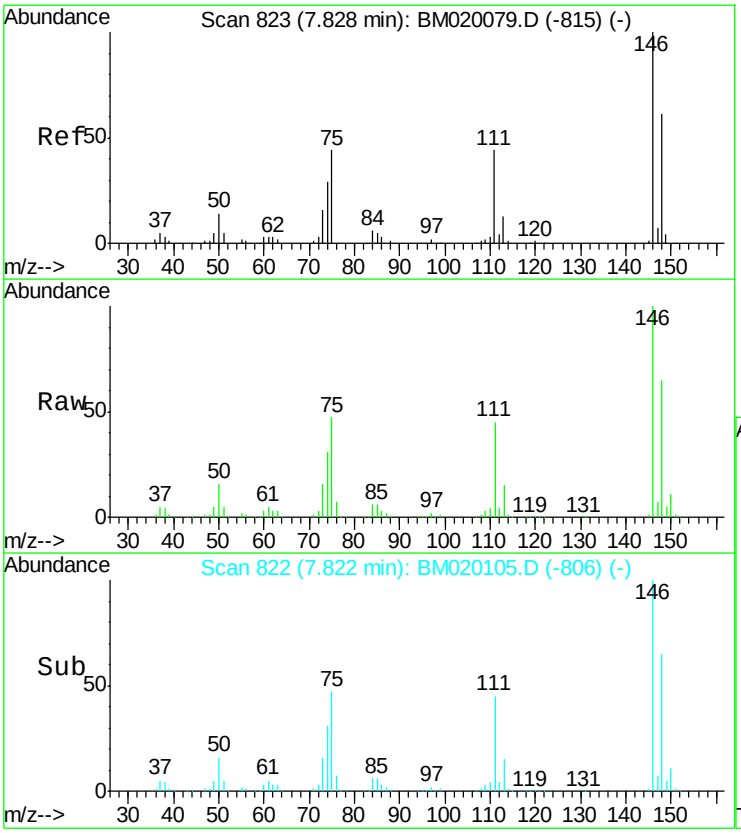
#12
1,3-Dichlorobenzene
Concen: 22.328 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:146 Resp: 214651

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.1	75.1
75	47.9	37.2	55.8

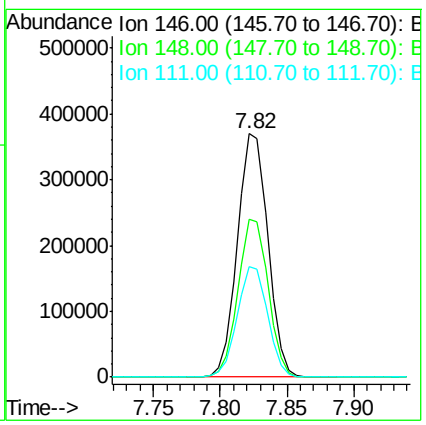


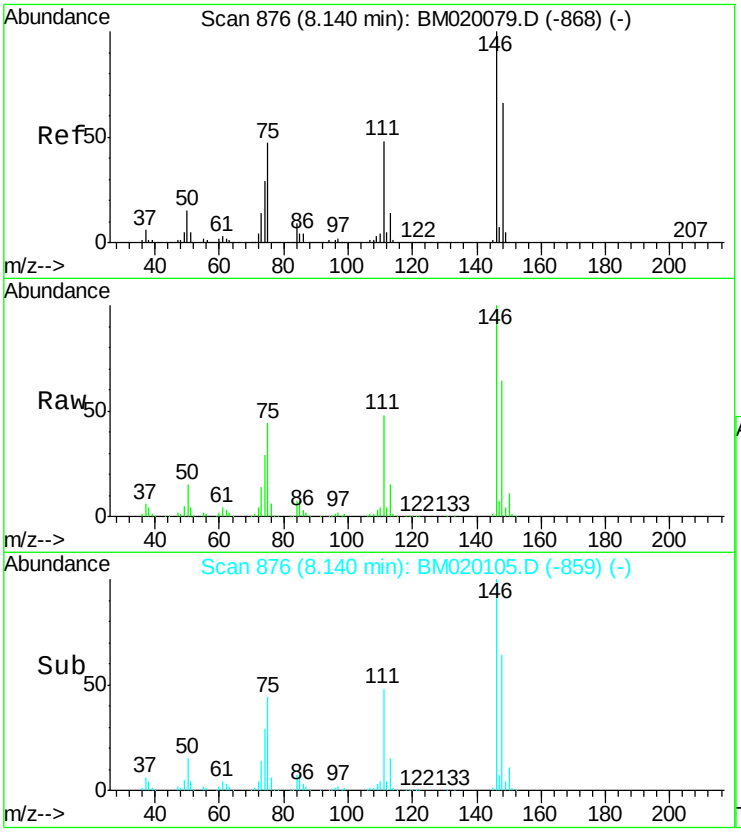


#13
1,4-Dichlorobenzene
Concen: 60.114 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:146 Resp: 583792

Ion	Ratio	Lower	Upper
146	100		
148	65.0	48.5	72.7
111	45.2	35.7	53.5



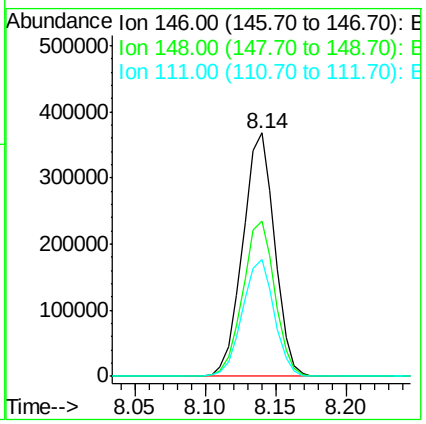


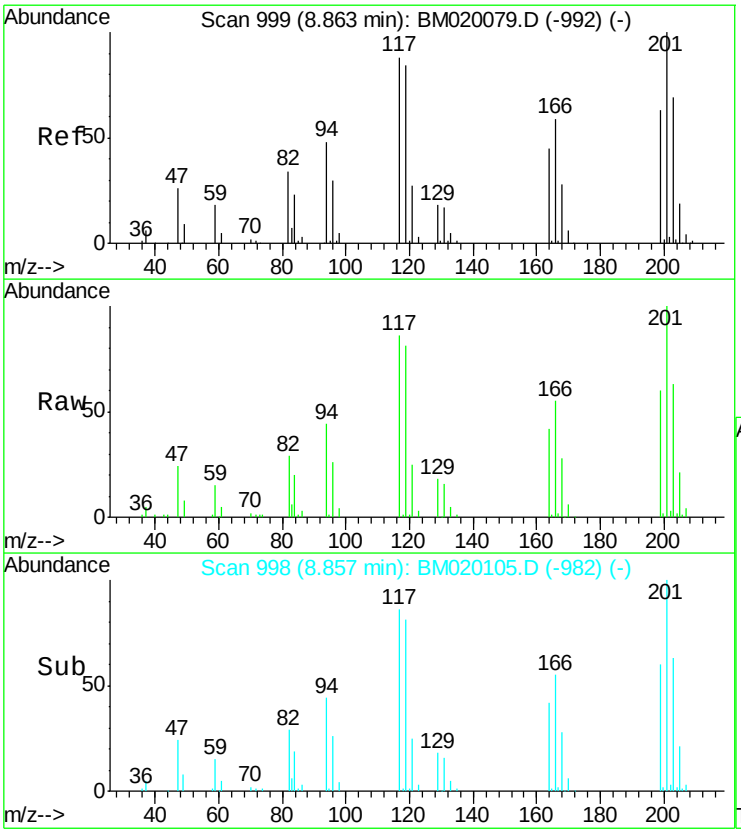
#14
1,2-Dichlorobenzene
Concen: 62.723 ng
RT: 8.14 min Scan# 876
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:146 Resp: 580327

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	79.0
111	47.8	39.0	58.4

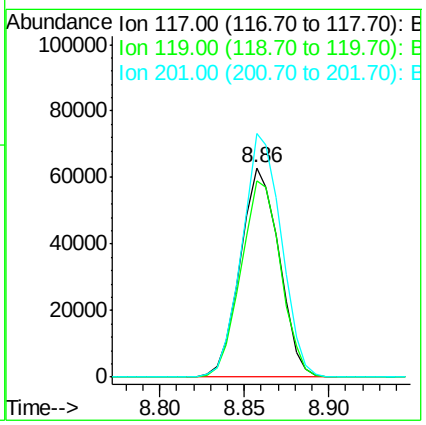


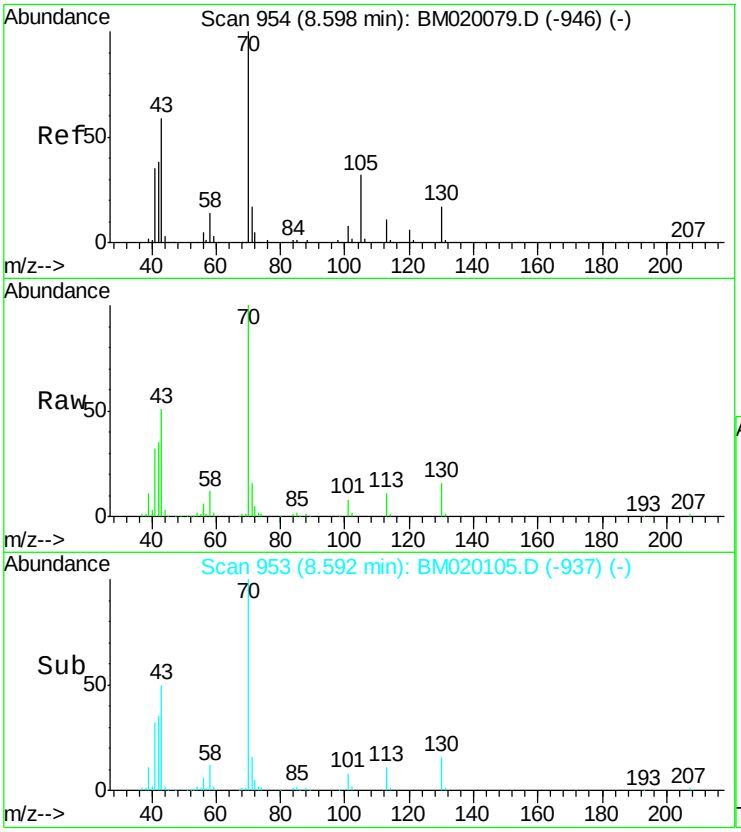


#18
Hexachloroethane
Concen: 24.993 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:117 Resp: 101202

Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.6	114.8
201	116.2	90.7	136.1



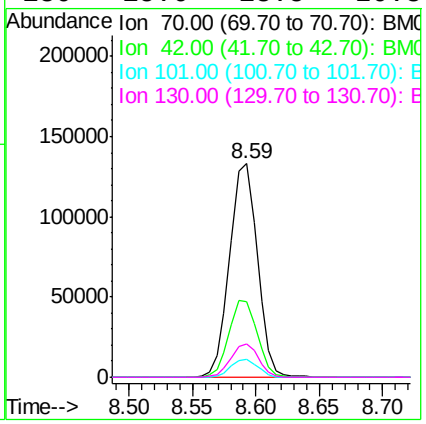


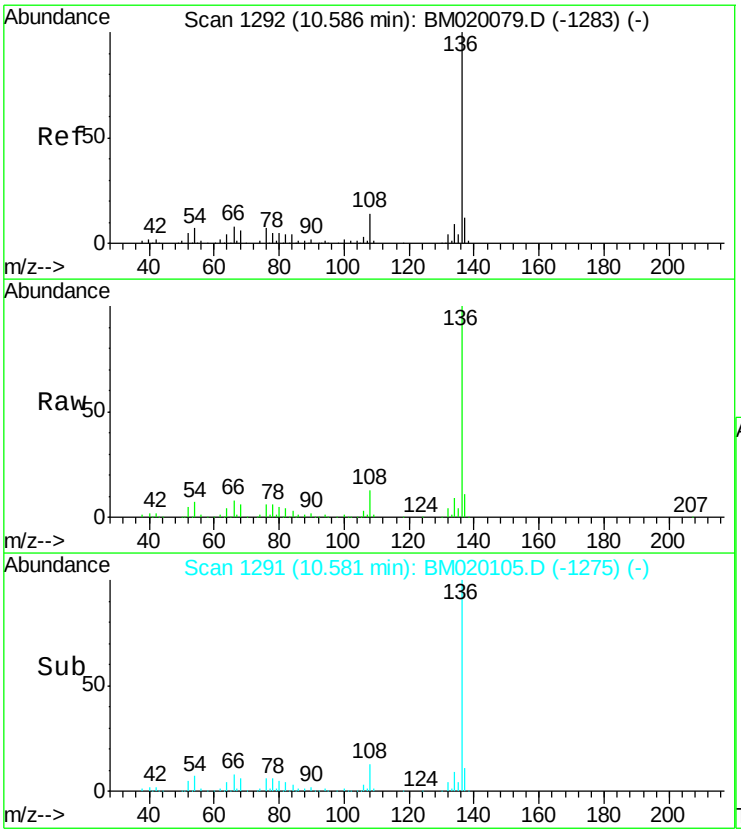
#19
n-Nitroso-di-n-propylamine
Concen: 22.822 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion: 70 Resp: 202417

Ion	Ratio	Lower	Upper
70	100		
42	35.4	31.0	46.4
101	8.4	6.2	9.2
130	15.6	13.5	20.3

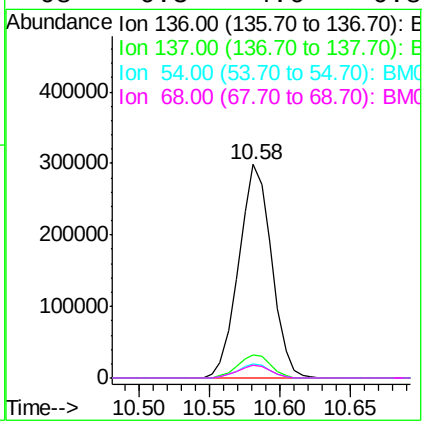


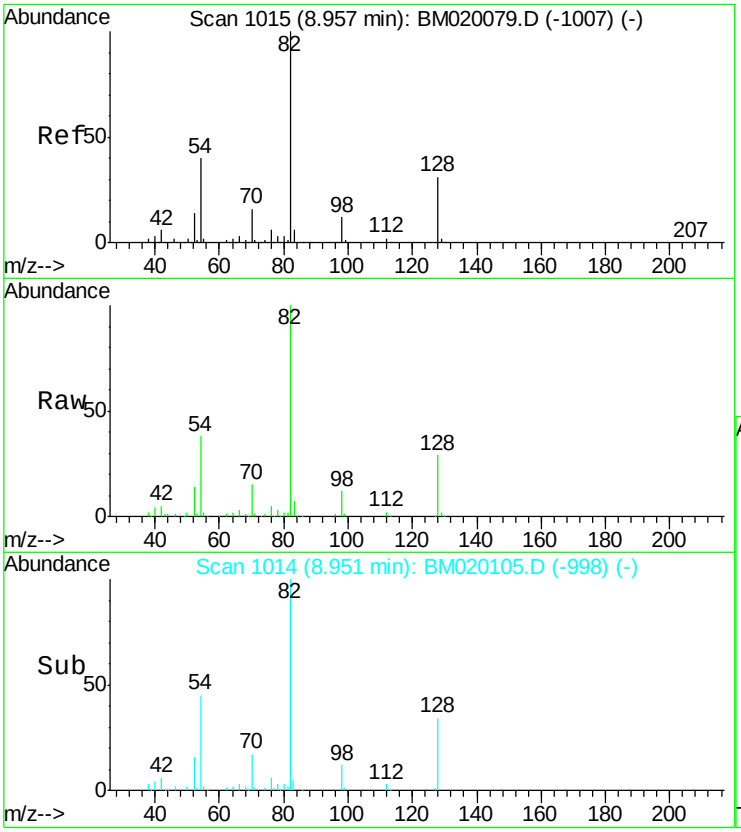


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:136 Resp: 484853

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	6.7	5.5	8.3
68	6.3	4.6	6.8



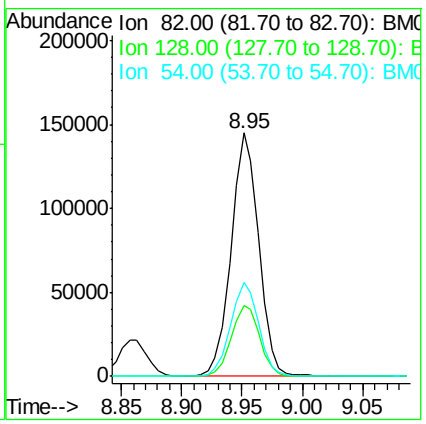


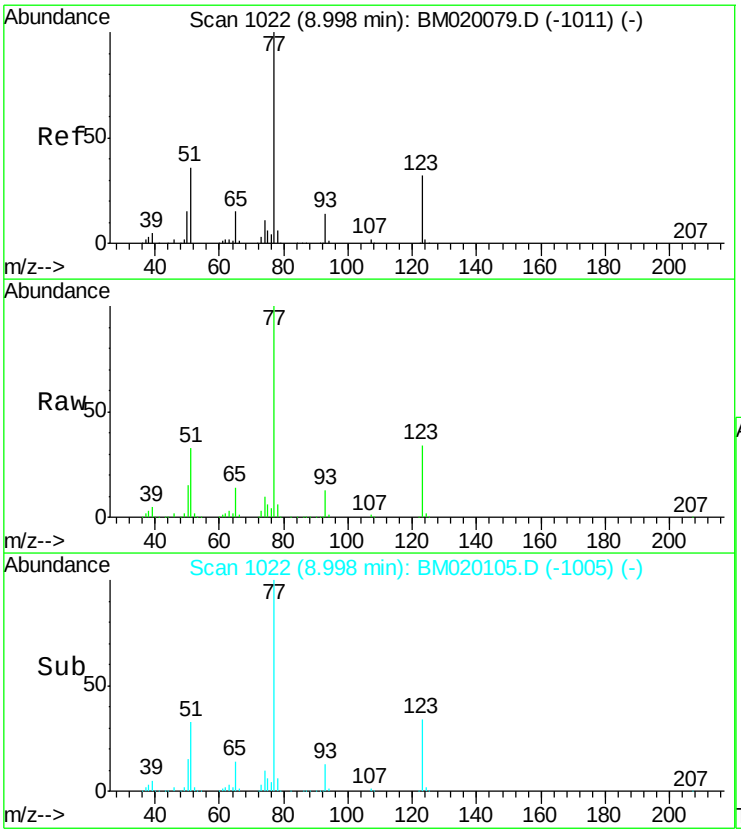
#23
Nitrobenzene-d5
Concen: 18.813 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion: 82 Resp: 231047

Ion	Ratio	Lower	Upper
82	100		
128	29.3	25.2	37.8
54	38.4	31.9	47.9

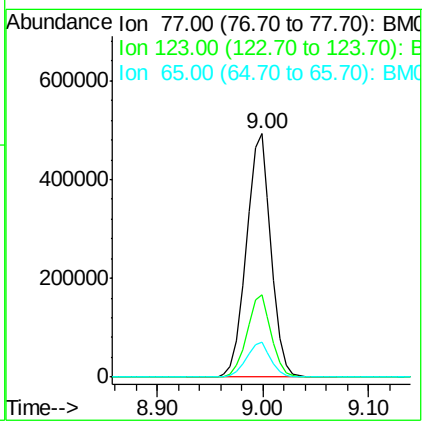


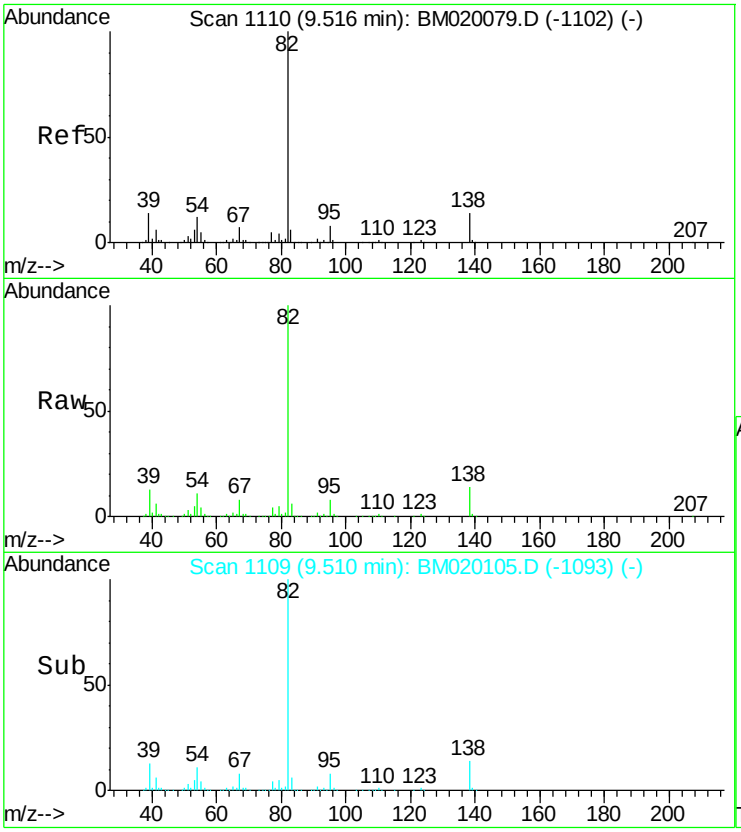


#24
Nitrobenzene
Concen: 62.583 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion: 77 Resp: 796893

Ion	Ratio	Lower	Upper
77	100		
123	33.6	25.5	38.3
65	14.4	11.8	17.6



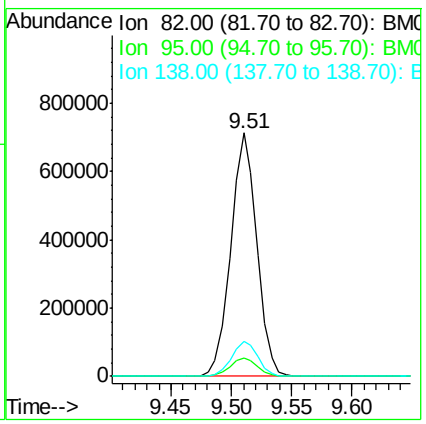


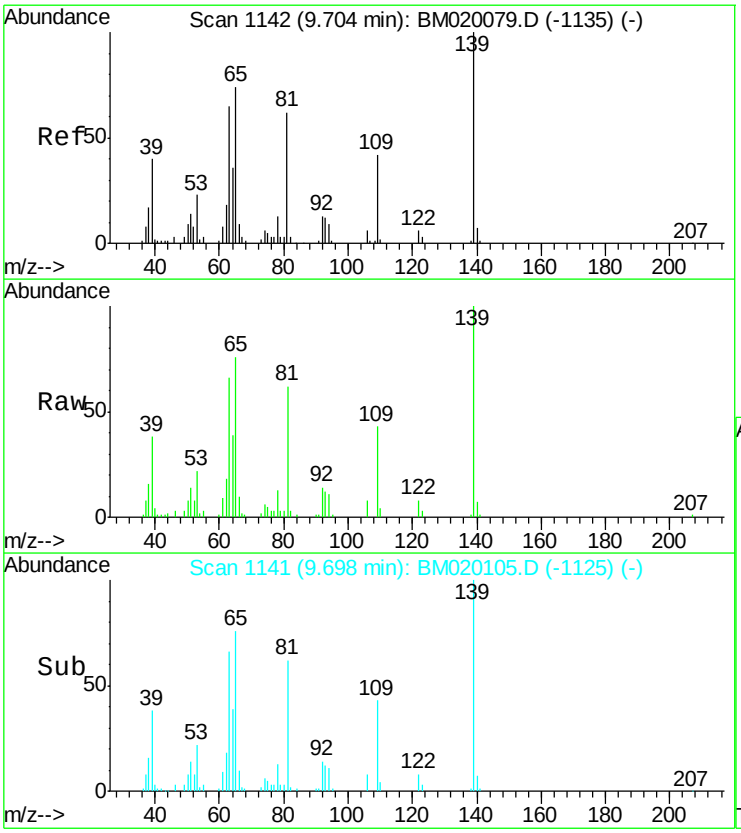
#25
Isophorone
Concen: 50.319 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion: 82 Resp: 1065673

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.4	9.6
138	14.2	11.1	16.7

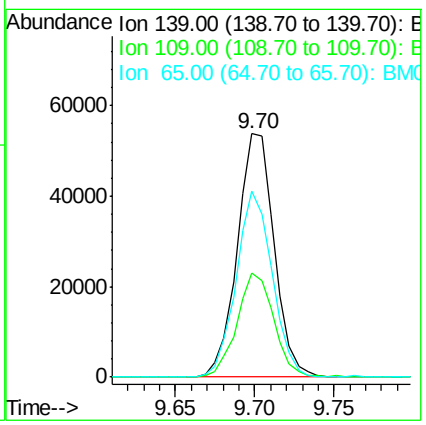


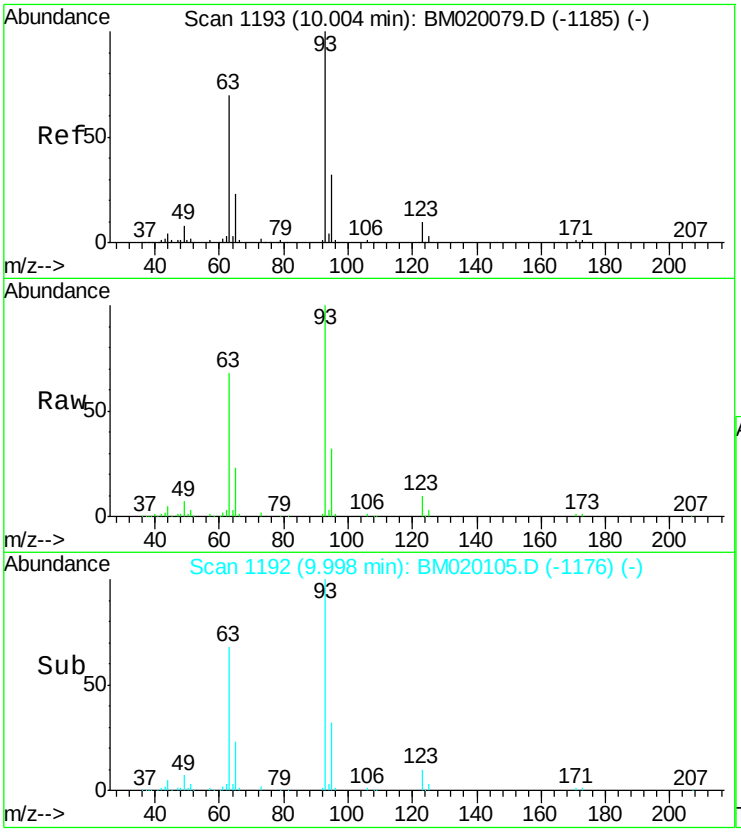


#26
2-Nitrophenol
Concen: 22.581 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:139 Resp: 86805

Ion	Ratio	Lower	Upper
139	100		
109	42.7	33.7	50.5
65	76.3	59.5	89.3



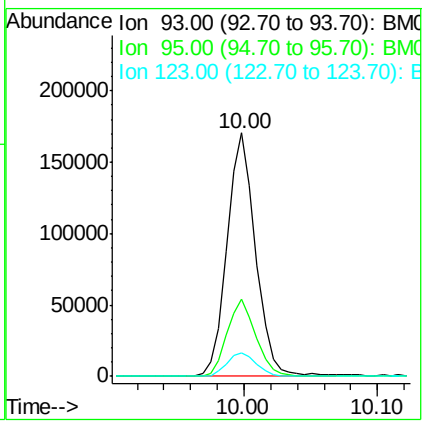


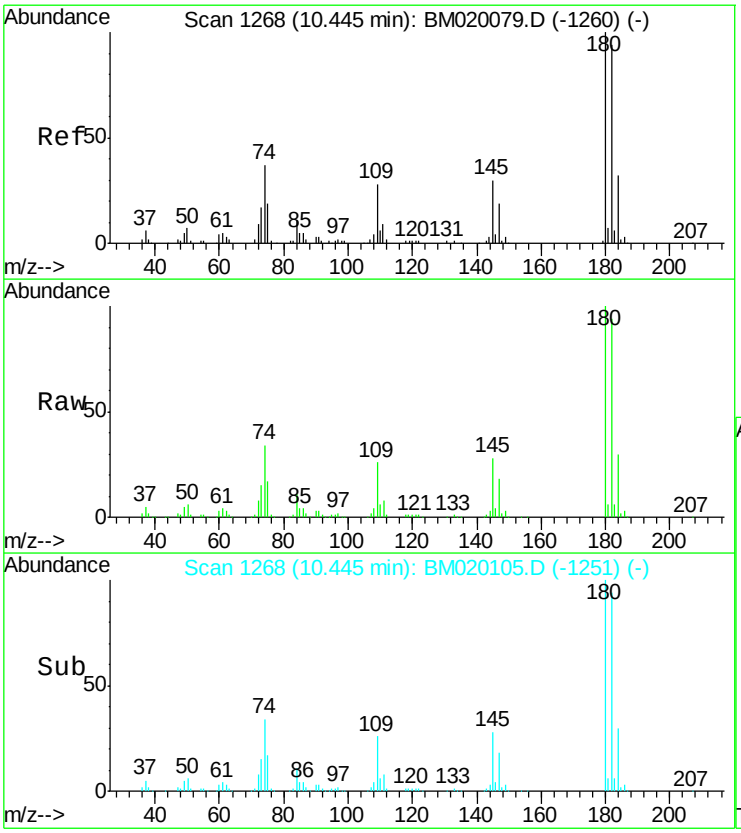
#28
bis(2-Chloroethoxy)methane
Concen: 22.085 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion: 93 Resp: 254736

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	9.6	7.6	11.4

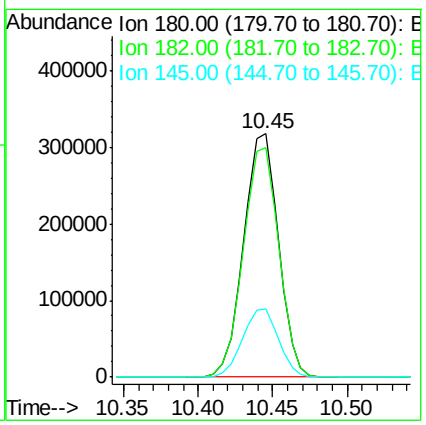


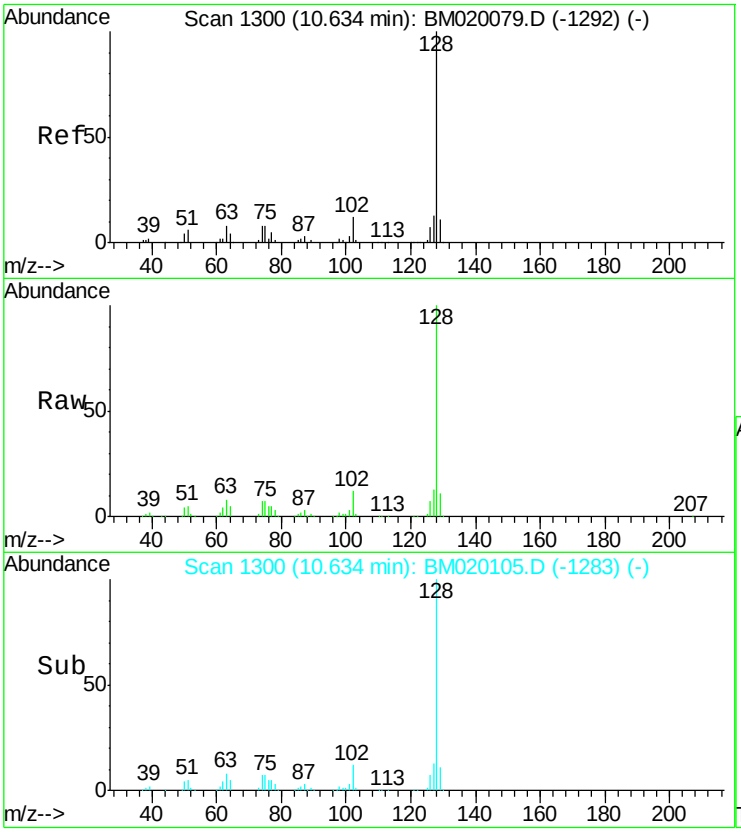


#30
1,2,4-Trichlorobenzene
Concen: 51.647 ng
RT: 10.45 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:180 Resp: 512853

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.0
145	28.1	23.8	35.8



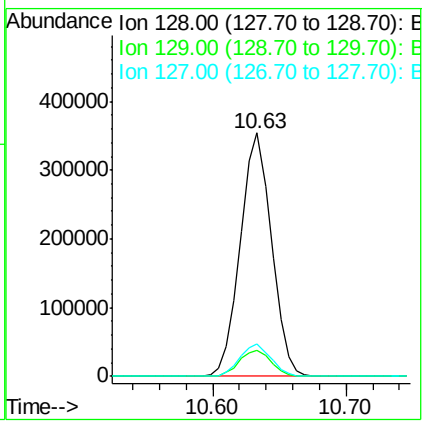


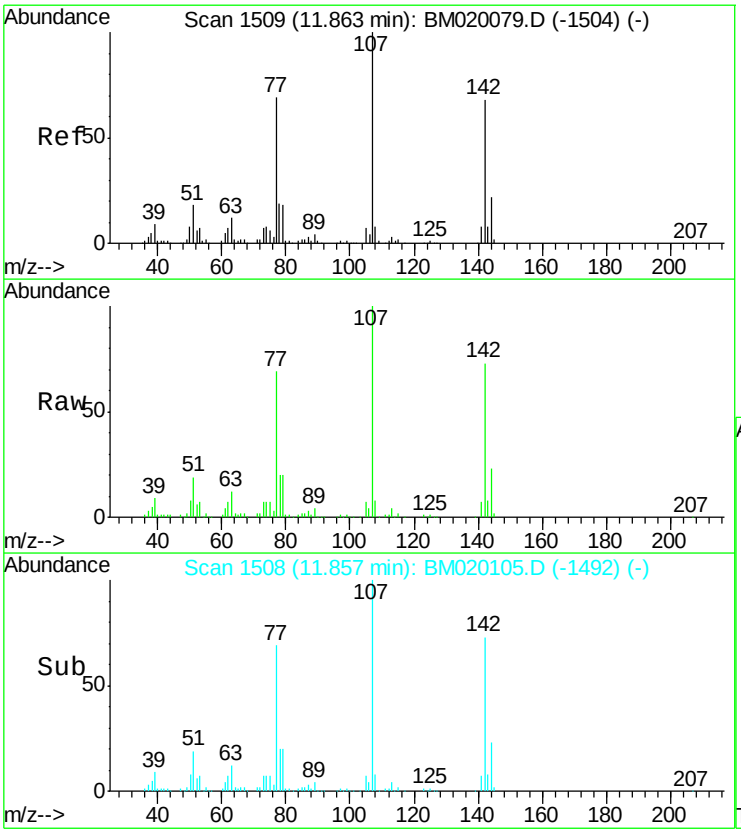
#31
Naphthalene
Concen: 22.675 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:128 Resp: 570519

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	13.5	10.4	15.6

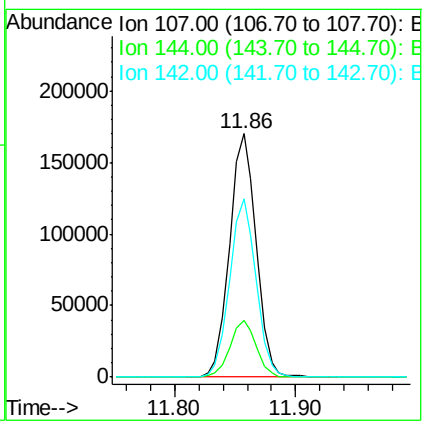


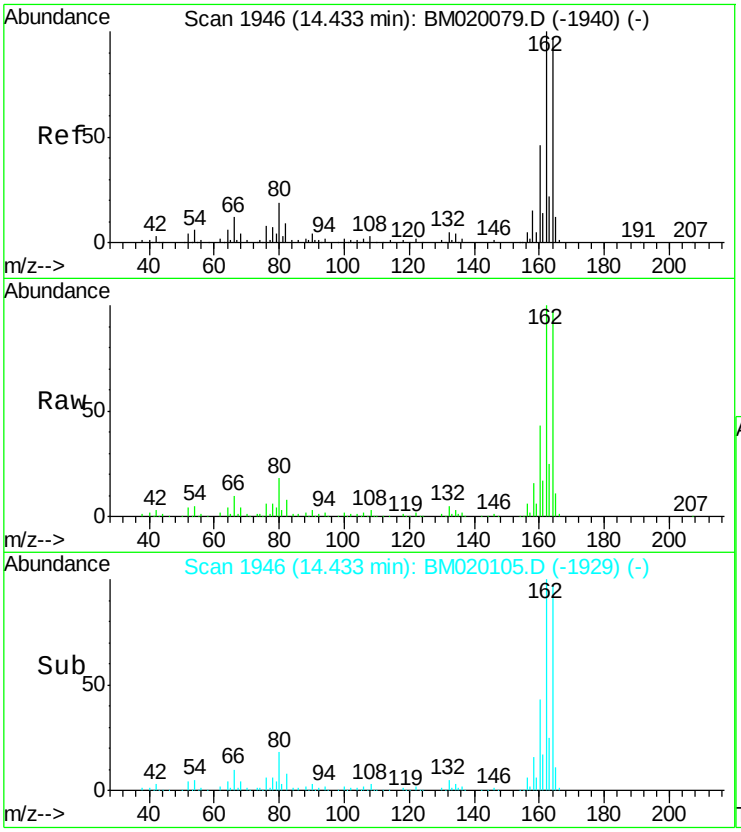


#36
4-Chloro-3-methylphenol
Concen: 27.572 ng
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:107 Resp: 261488

Ion	Ratio	Lower	Upper
107	100		
144	23.3	17.6	26.4
142	73.4	54.6	82.0



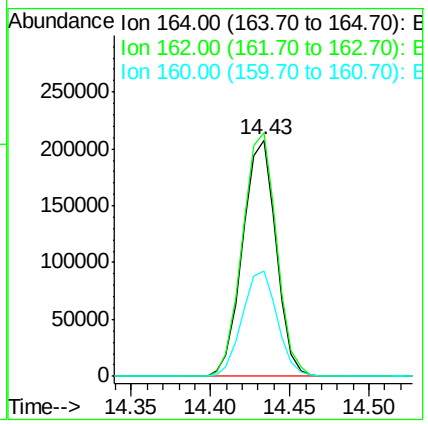


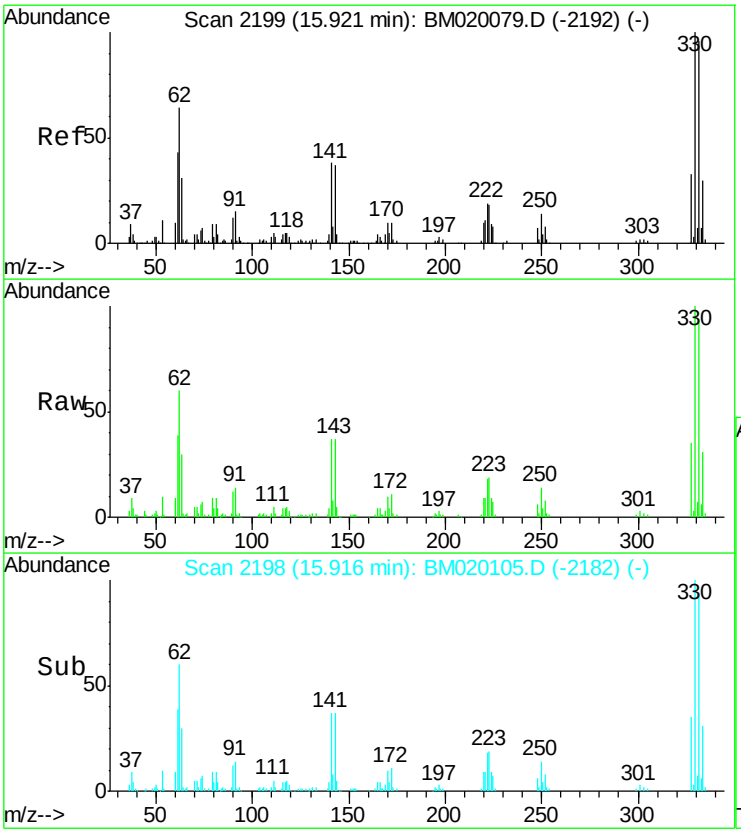
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:164 Resp: 304175

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.2
160	44.8	37.6	56.4

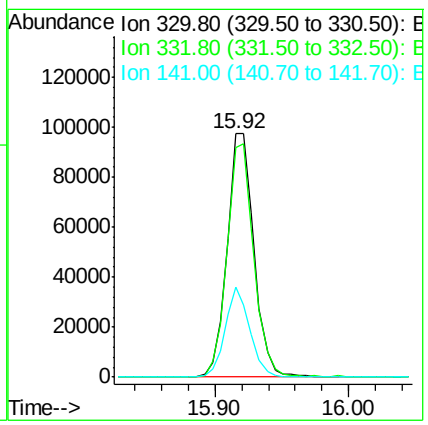


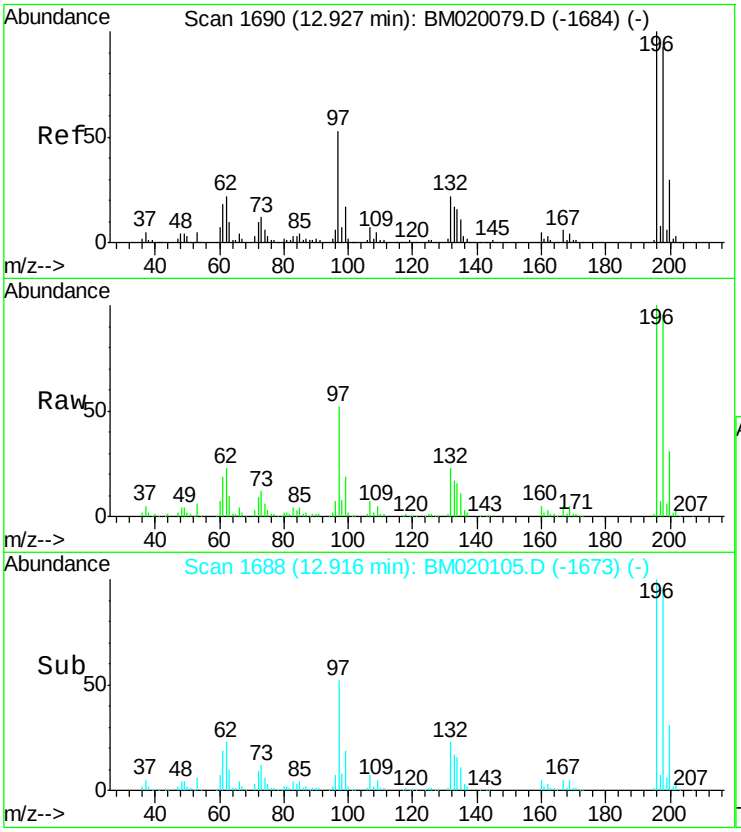


#42
2,4,6-Tribromophenol
Concen: 29.199 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:330 Resp: 137858

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	34.0	29.2	43.8



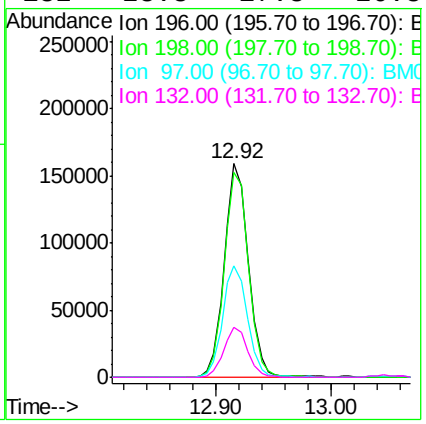


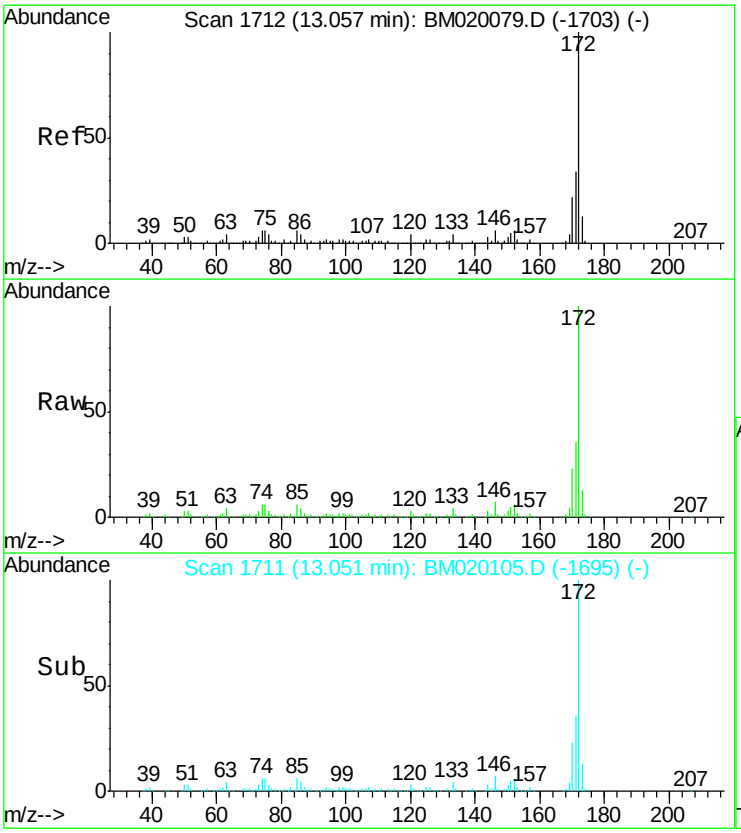
#44
2,4,5-Trichlorophenol
Concen: 30.372 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:196 Resp: 229483

Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.7	112.1
97	52.2	42.2	63.4
132	23.3	17.8	26.8

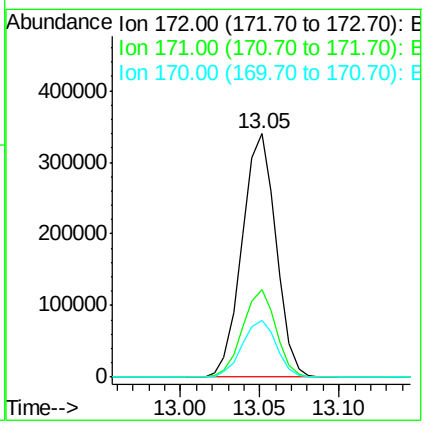


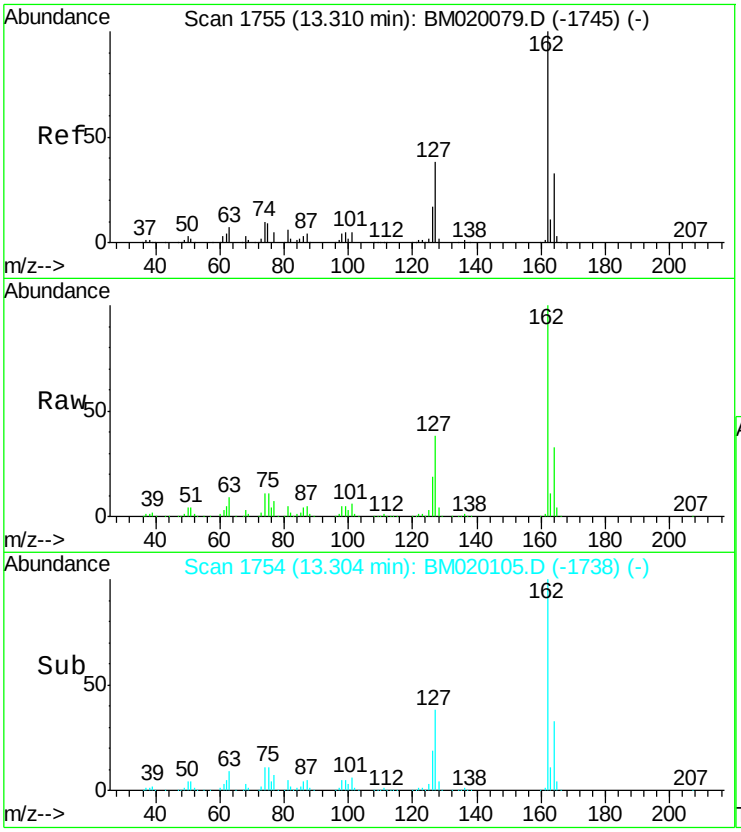


#45
2-Fluorobiphenyl
Concen: 20.392 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:172 Resp: 504141

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.3	40.9
170	23.2	17.9	26.9



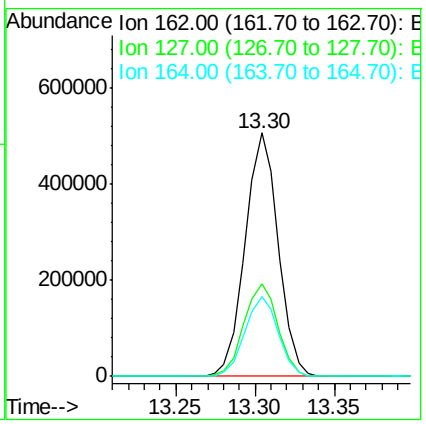


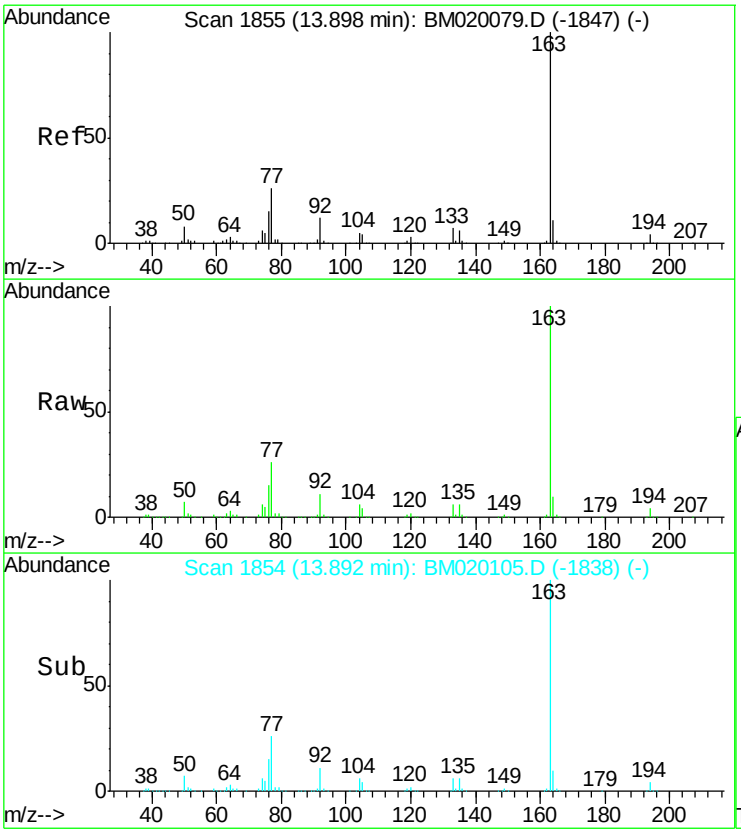
#47
2-Chloronaphthalene
Concen: 36.646 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:162 Resp: 732552

Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.4
164	32.9	26.2	39.2

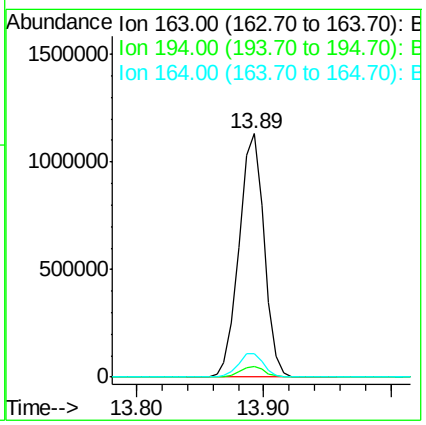


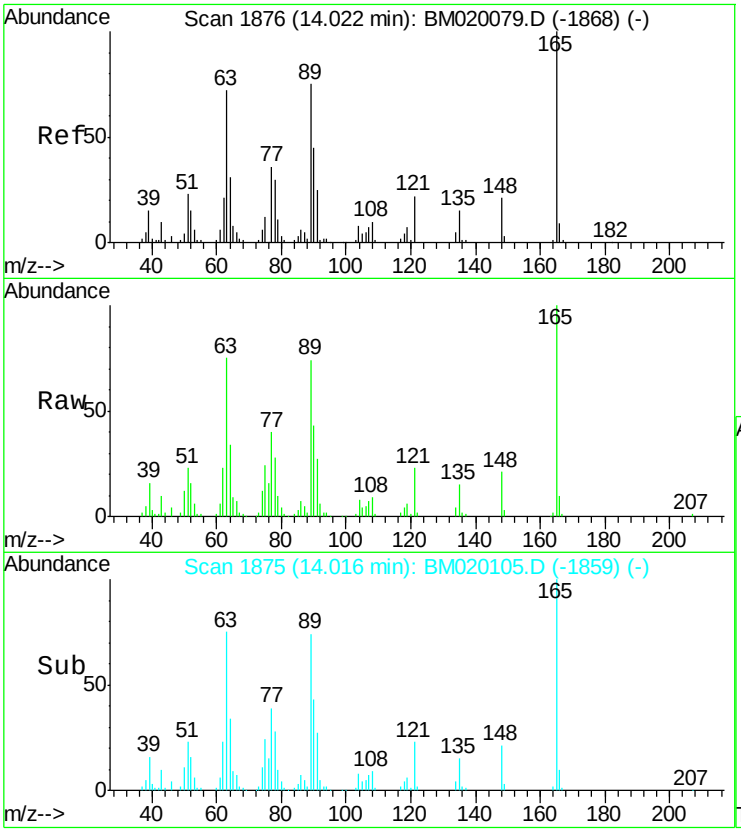


#50
Dimethylphthalate
Concen: 59.712 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:163 Resp: 1543712

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.8	8.4	12.6



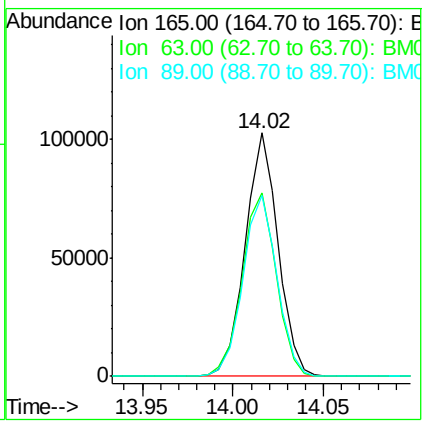


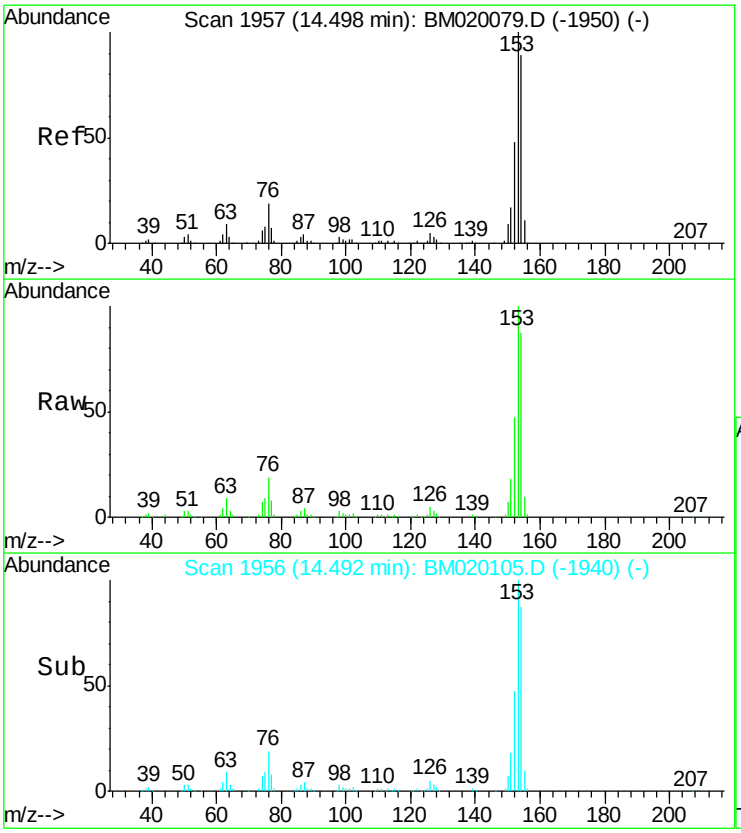
#51
2,6-Dinitrotoluene
Concen: 23.730 ng
RT: 14.02 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:165 Resp: 129210

Ion	Ratio	Lower	Upper
165	100		
63	75.4	60.3	90.5
89	74.2	59.8	89.6

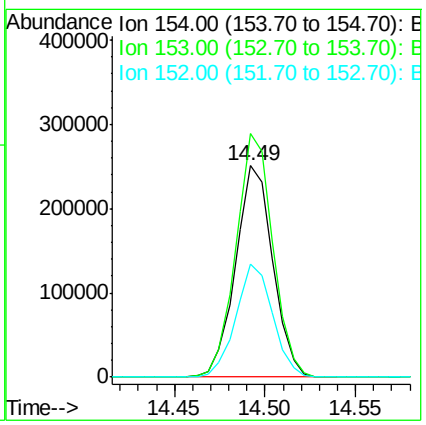


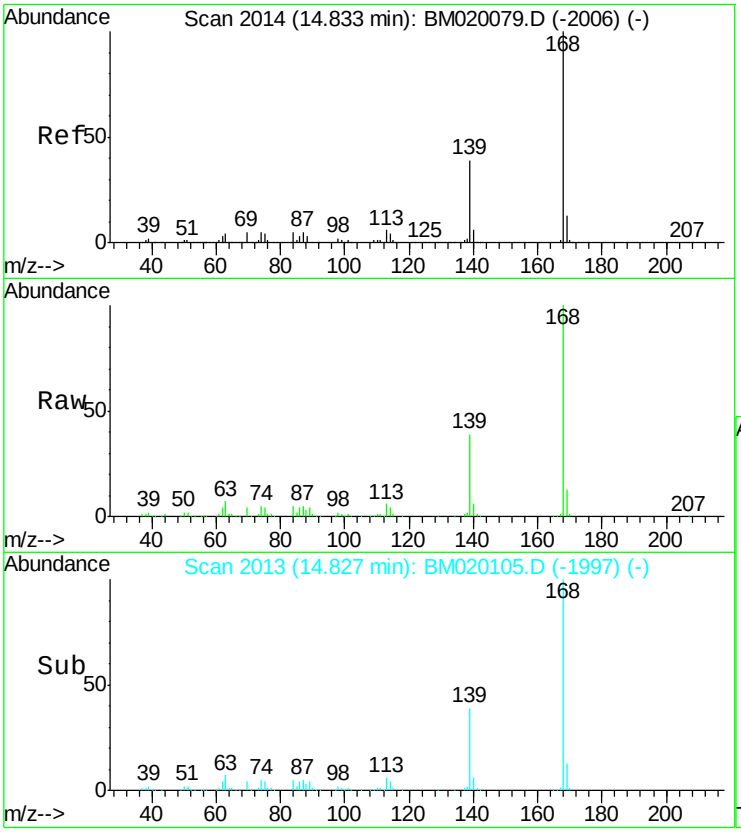


#52
Acenaphthene
Concen: 19.482 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:154 Resp: 357409

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.2	135.2
152	53.7	43.0	64.4



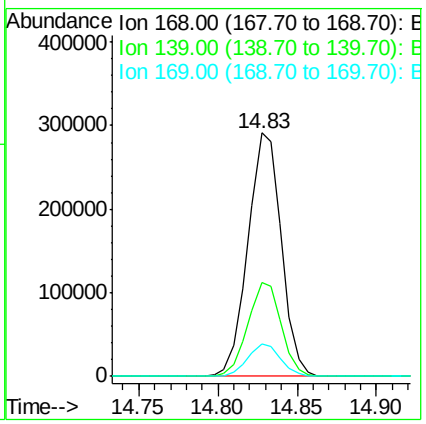


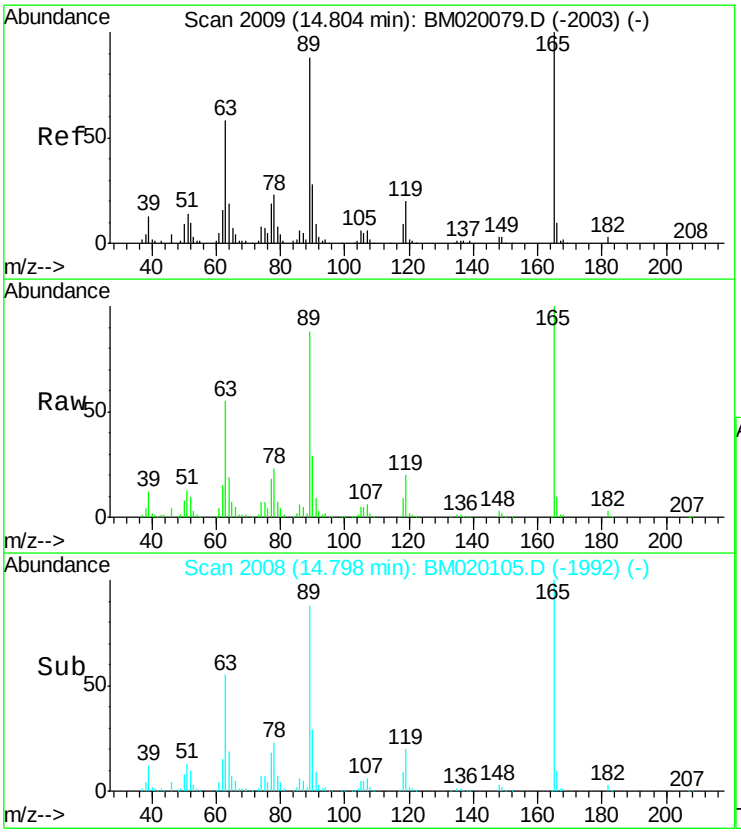
#55
Dibenzofuran
Concen: 13.781 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:168 Resp: 426443

Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.1	46.7
169	13.3	10.6	16.0

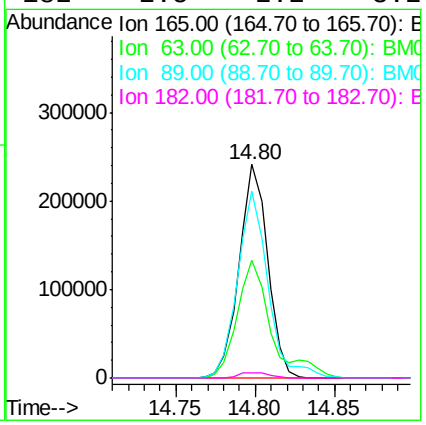


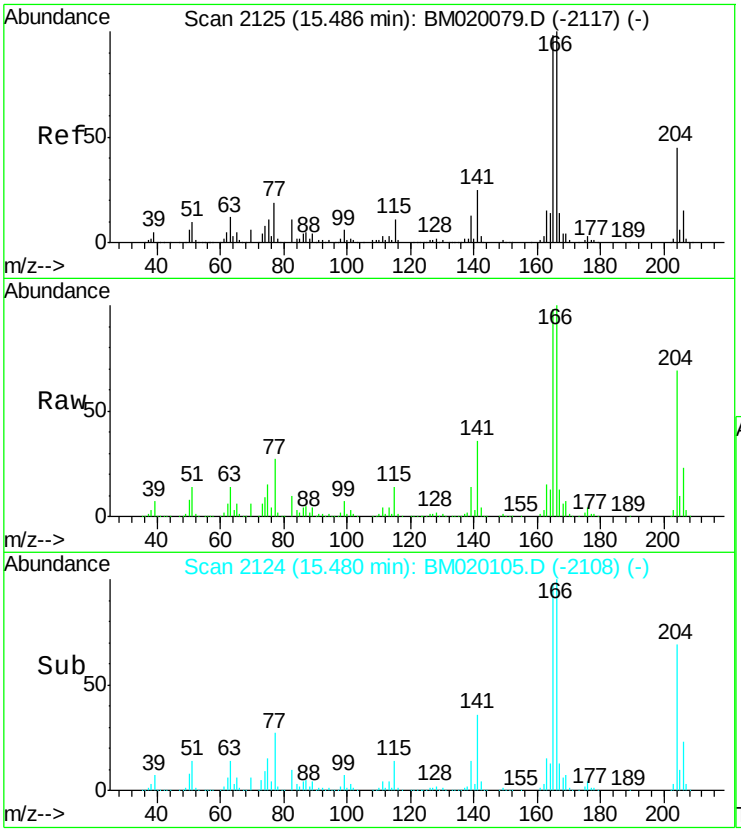


#57
2,4-Dinitrotoluene
Concen: 40.837 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:165 Resp: 302145

Ion	Ratio	Lower	Upper
165	100		
63	54.9	46.2	69.2
89	87.6	70.6	105.8
182	2.5	2.2	3.2



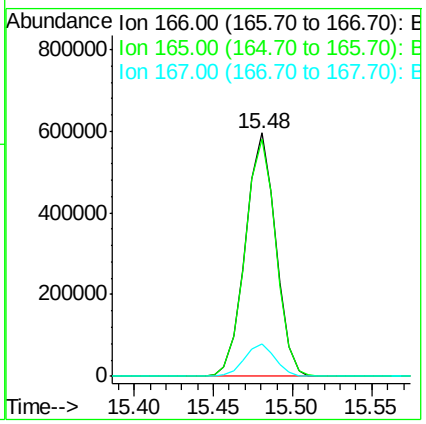


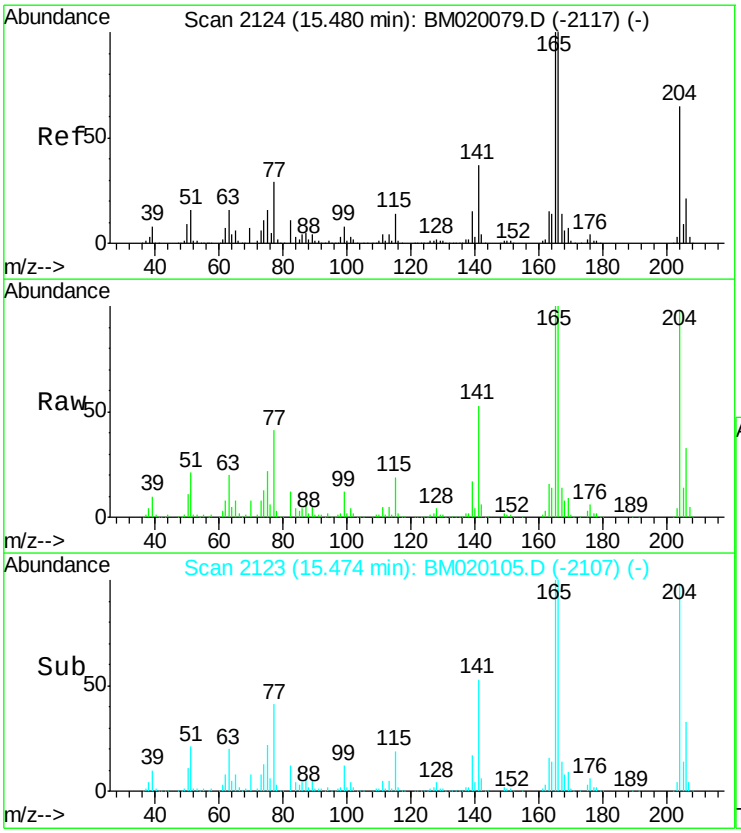
#58
Fluorene
Concen: 31.057 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:166 Resp: 789276

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.2
167	13.5	11.0	16.4

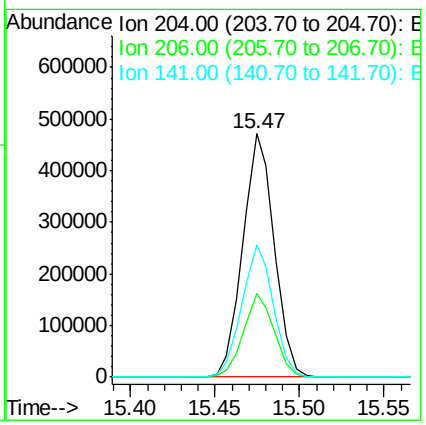


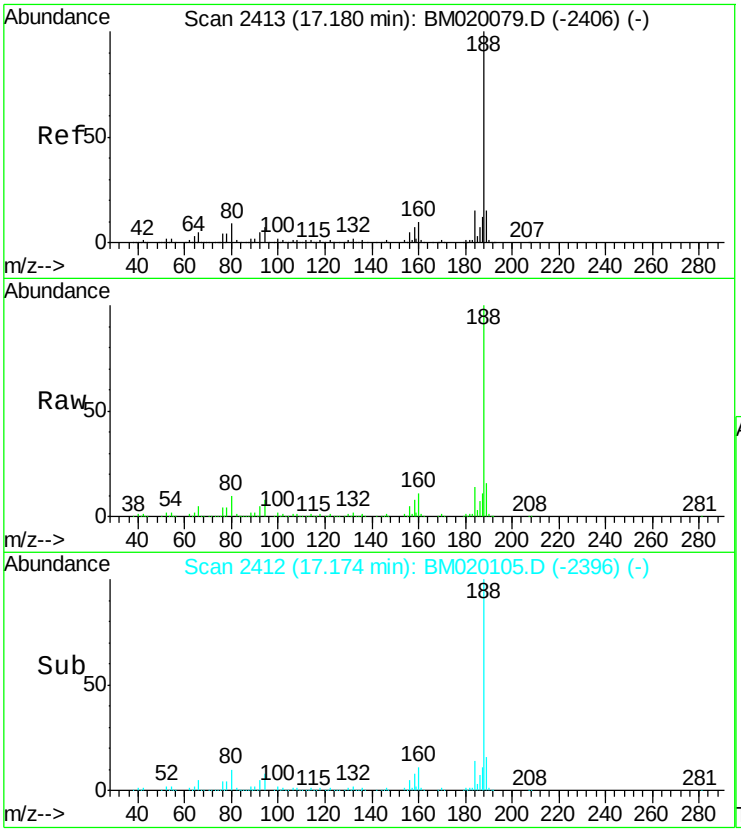


#61
4-Chlorophenyl-phenylether
Concen: 42.368 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:204 Resp: 610083

Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.6	38.4
141	54.3	46.1	69.1



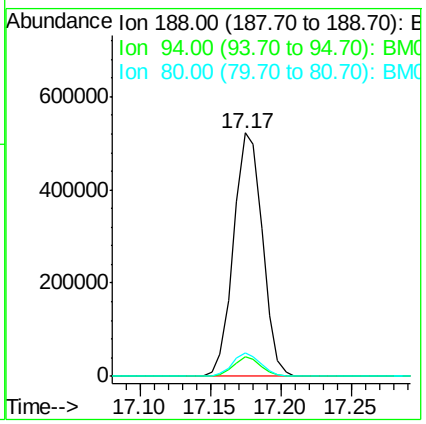


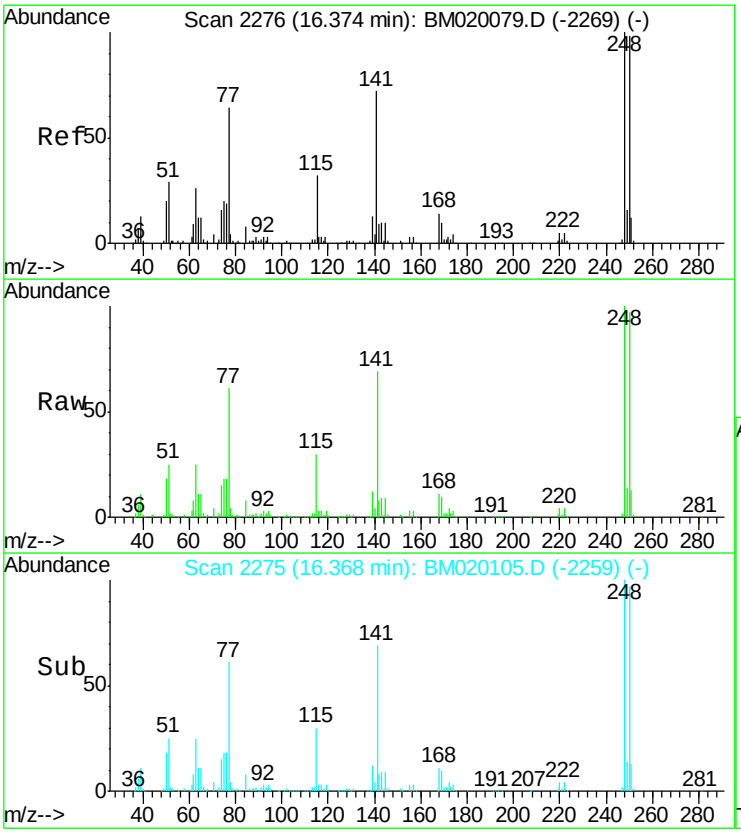
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:188 Resp: 744807

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.8	7.4	11.2

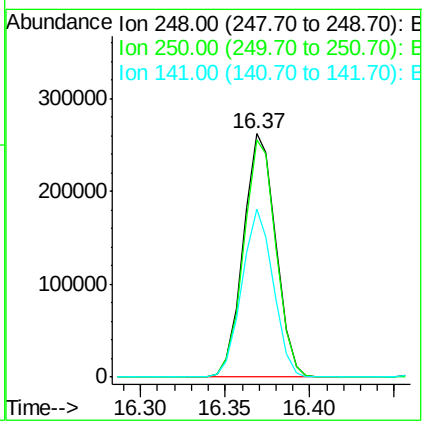


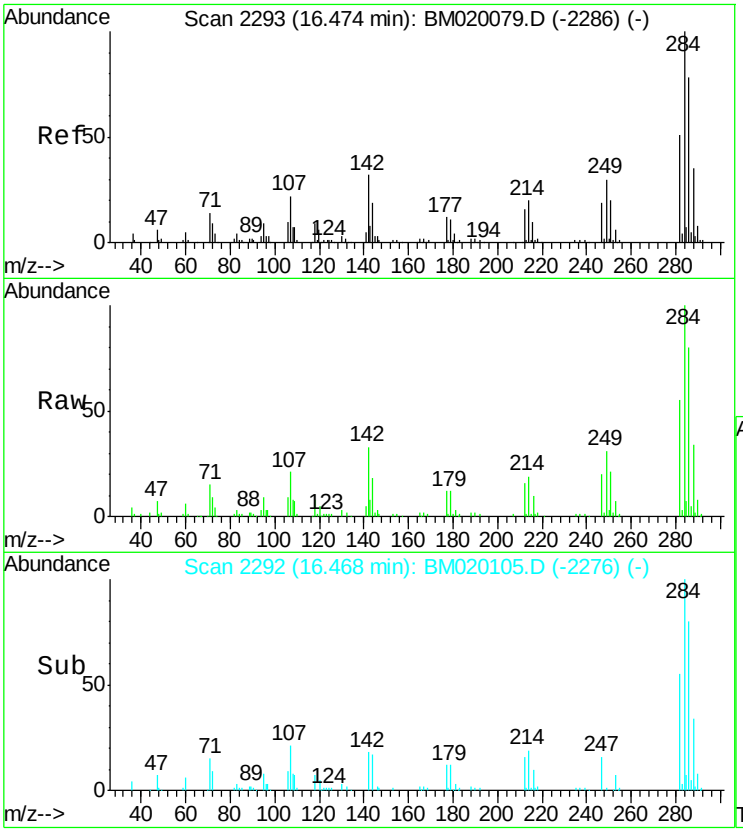


#67
4-Bromophenyl-phenylether
Concen: 38.332 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:248 Resp: 350094

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.4	117.6
141	68.8	57.4	86.2



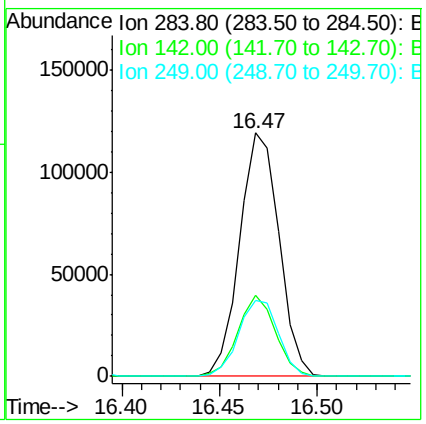


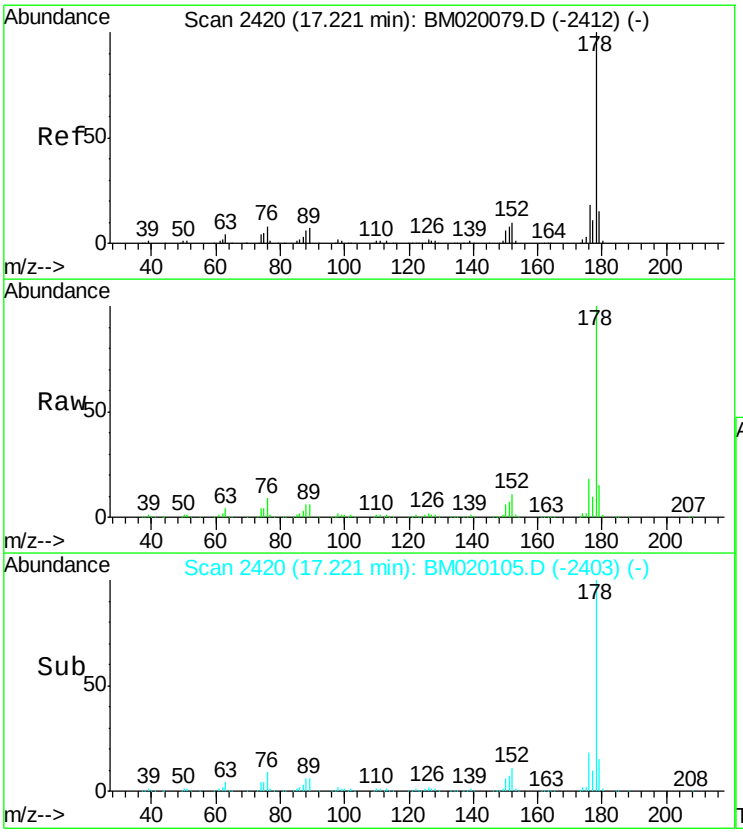
#68
Hexachlorobenzene
Concen: 15.835 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:284 Resp: 166422

Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.2	37.8
249	31.3	23.6	35.4

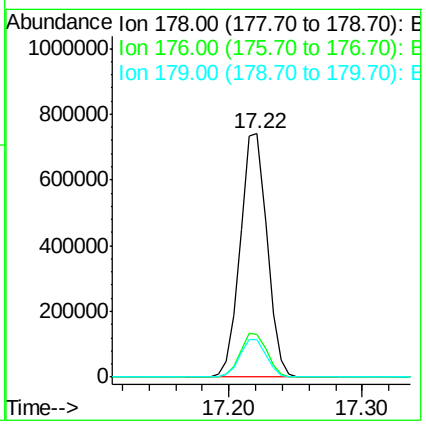


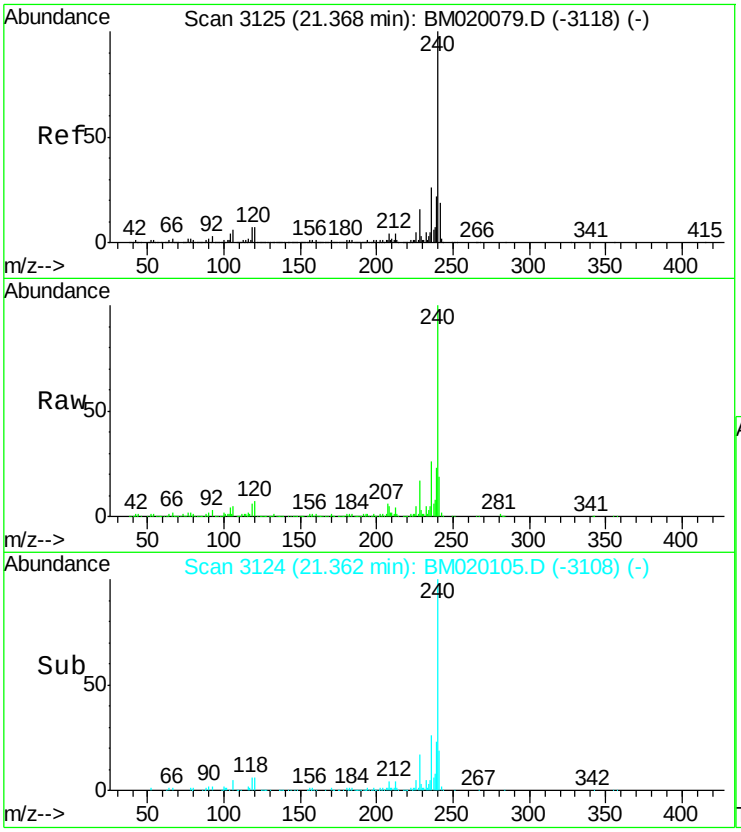


#71
Phenanthrene
Concen: 24.933 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:178 Resp: 1025108

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	21.8
179	15.3	12.4	18.6



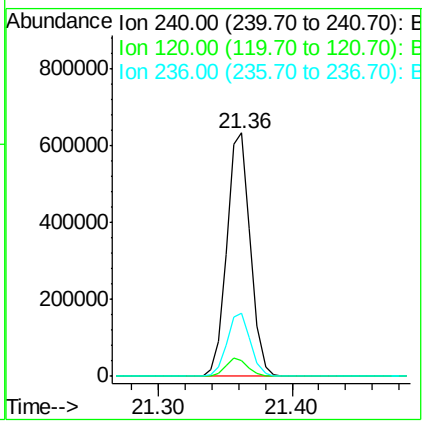


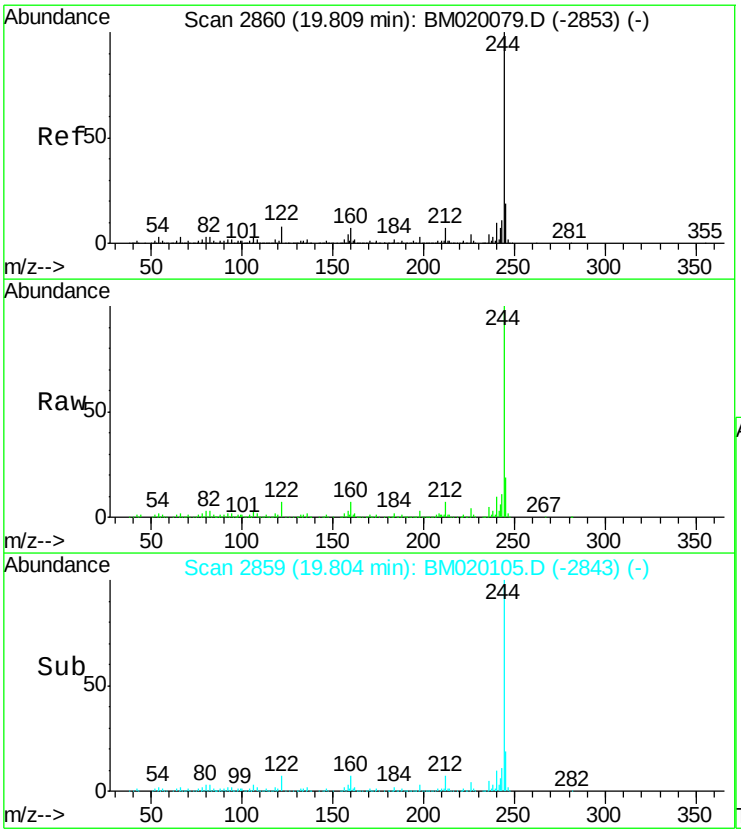
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:240 Resp: 782410

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.6	8.4
236	26.2	20.9	31.3

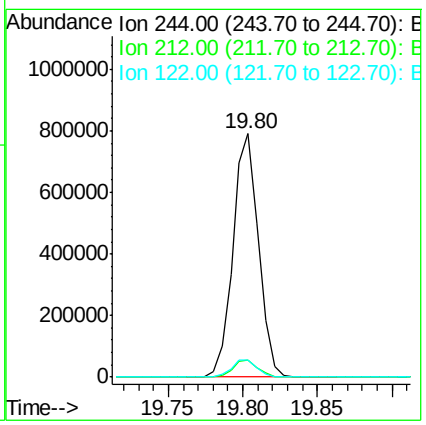


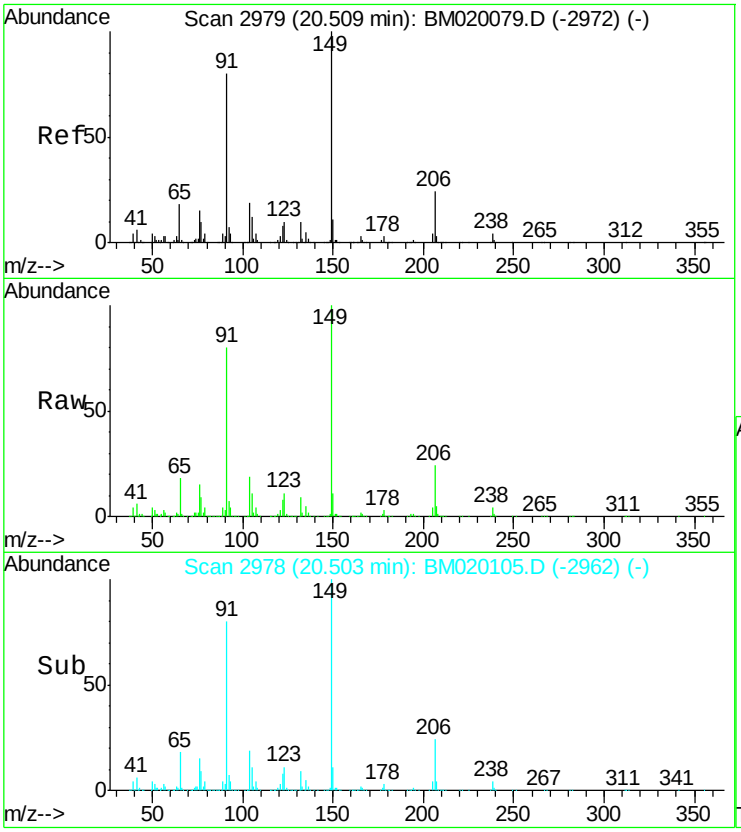


#79
Terphenyl-d14
Concen: 21.014 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:244 Resp: 942630

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	7.0	6.2	9.2



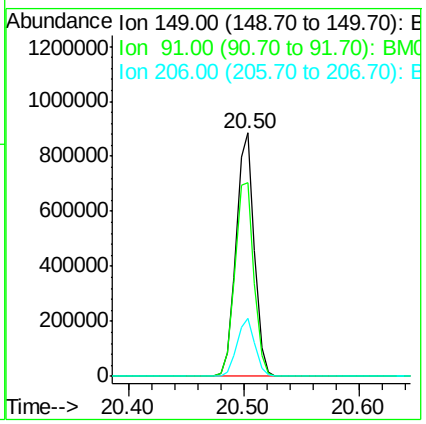


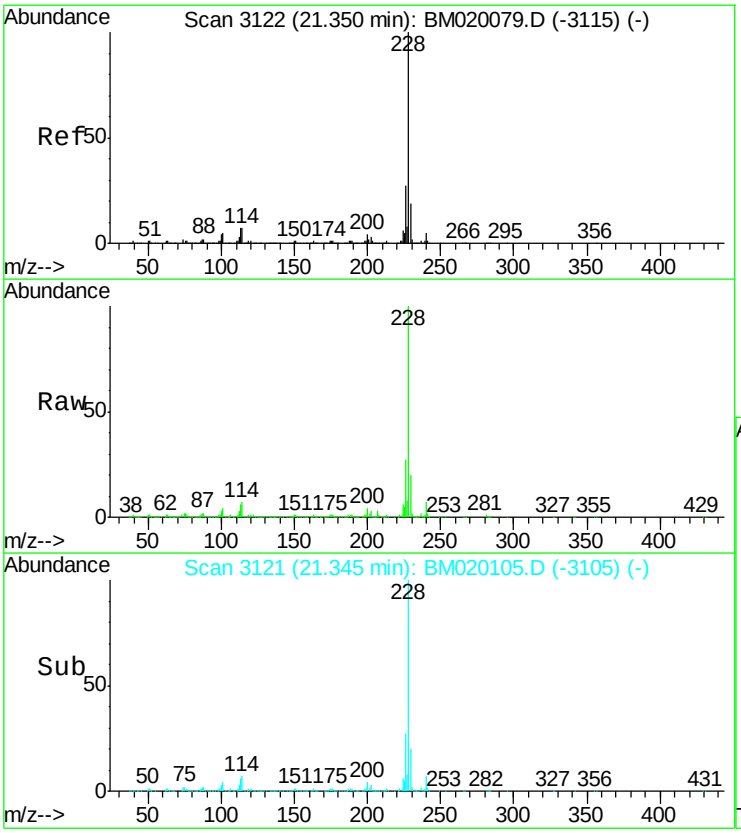
#80
Butylbenzylphthalate
Concen: 50.318 ng
RT: 20.50 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:149 Resp: 961200

Ion	Ratio	Lower	Upper
149	100		
91	79.7	63.8	95.8
206	24.0	18.9	28.3

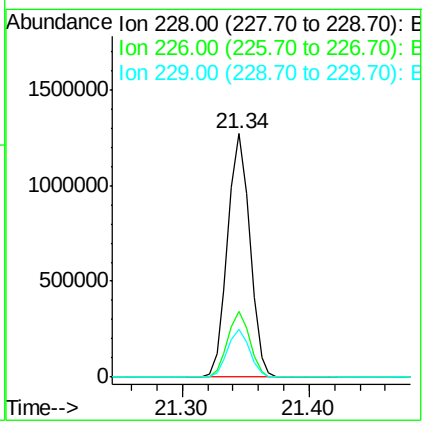


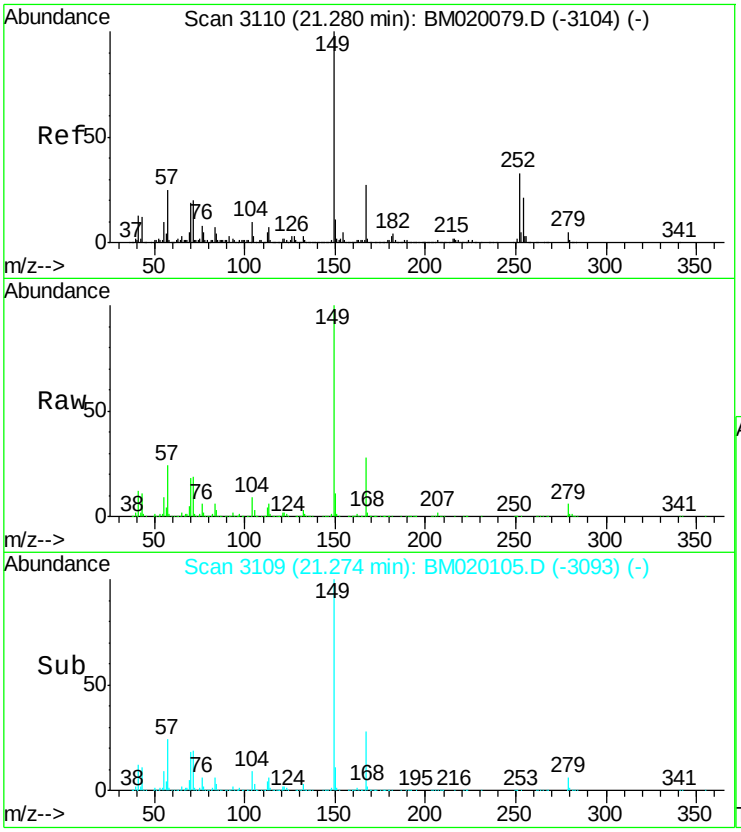


#81
Benzo(a)anthracene
Concen: 28.121 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:228 Resp: 1542985

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	19.7	15.5	23.3



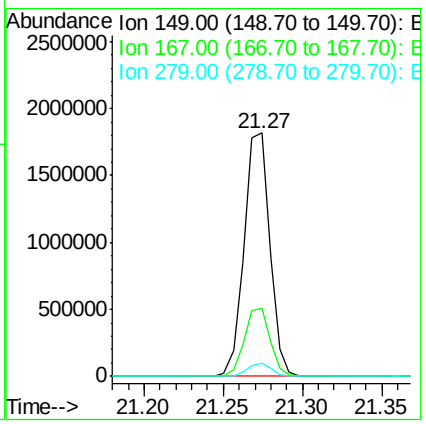


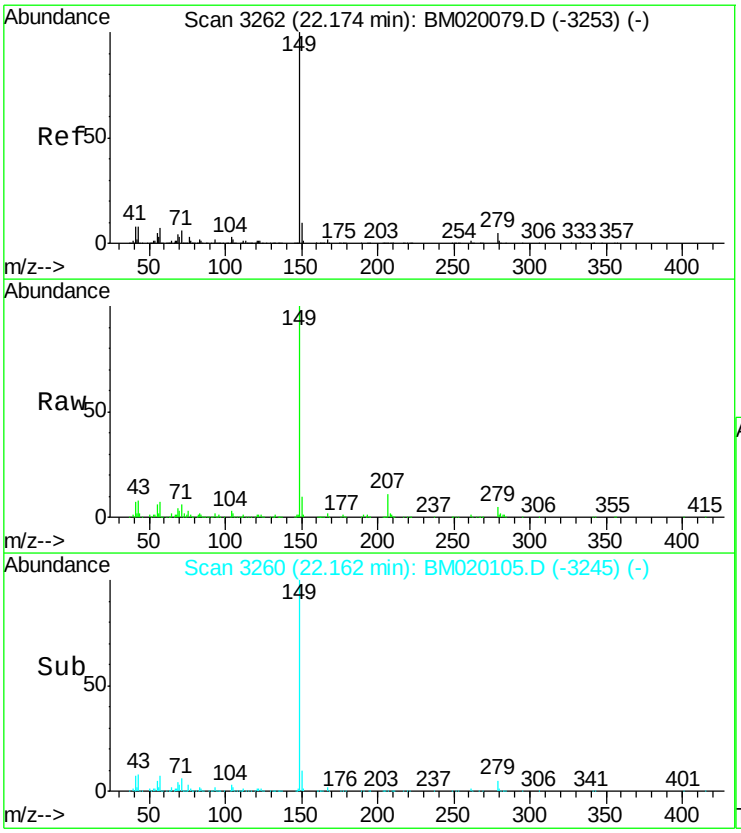
#84
Bis(2-ethylhexyl)phthalate
Concen: 68.952 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:149 Resp: 2043884

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	5.6	4.2	6.2

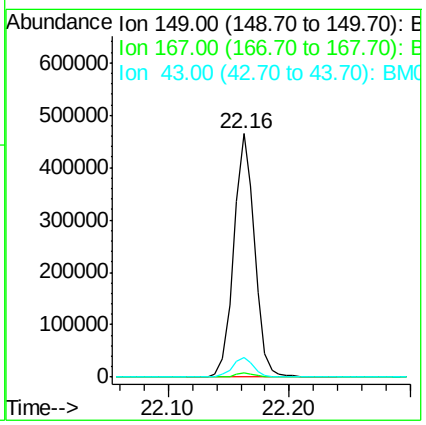


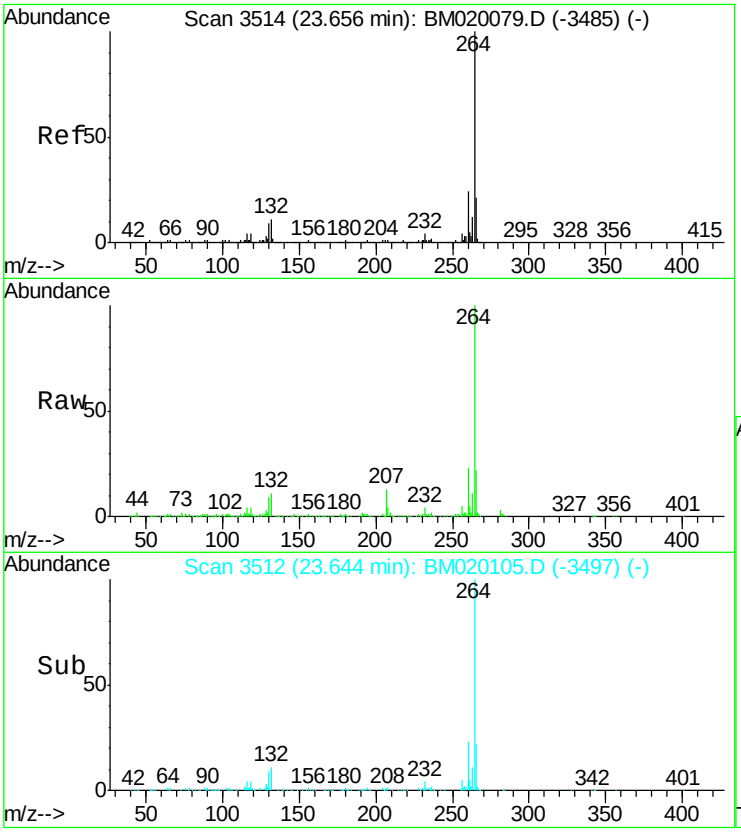


#85
Di-n-octyl phthalate
Concen: 11.270 ng
RT: 22.16 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:149 Resp: 555258

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.9	6.5	9.7



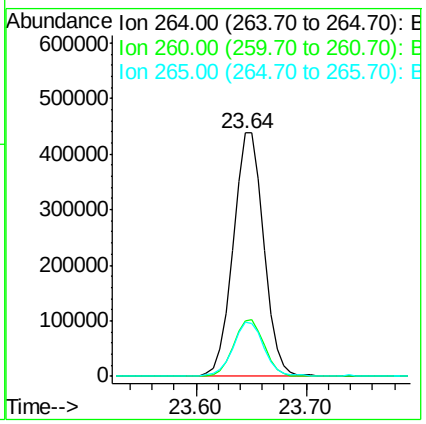


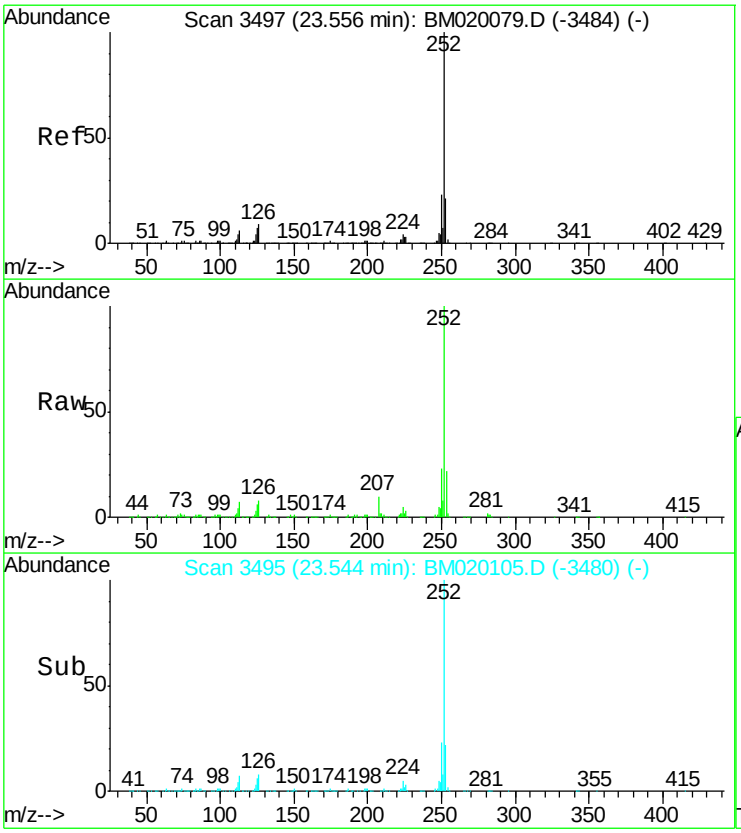
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:264 Resp: 854338

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.0	16.9	25.3

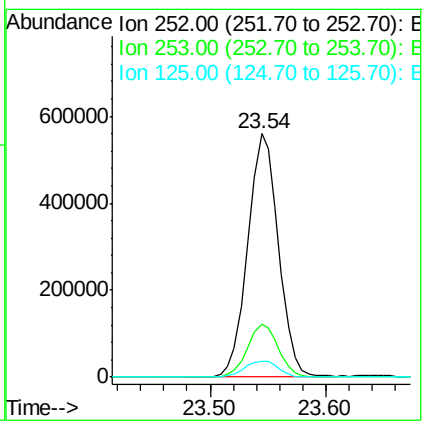


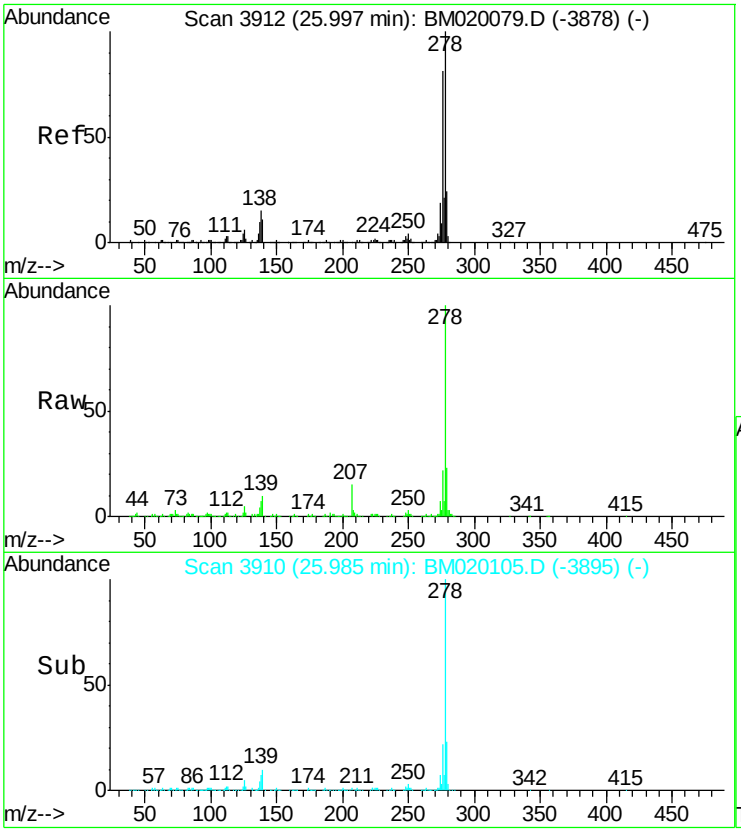


#90
Benzo(a)pyrene
Concen: 20.292 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:252 Resp: 1039841

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	6.4	5.5	8.3



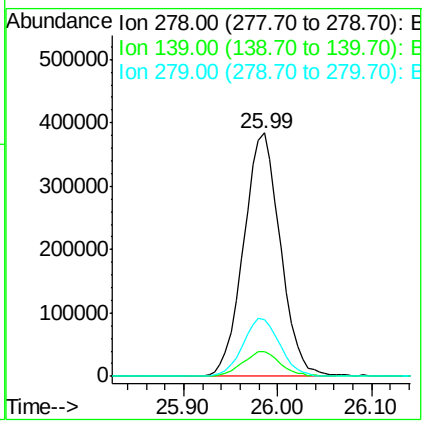


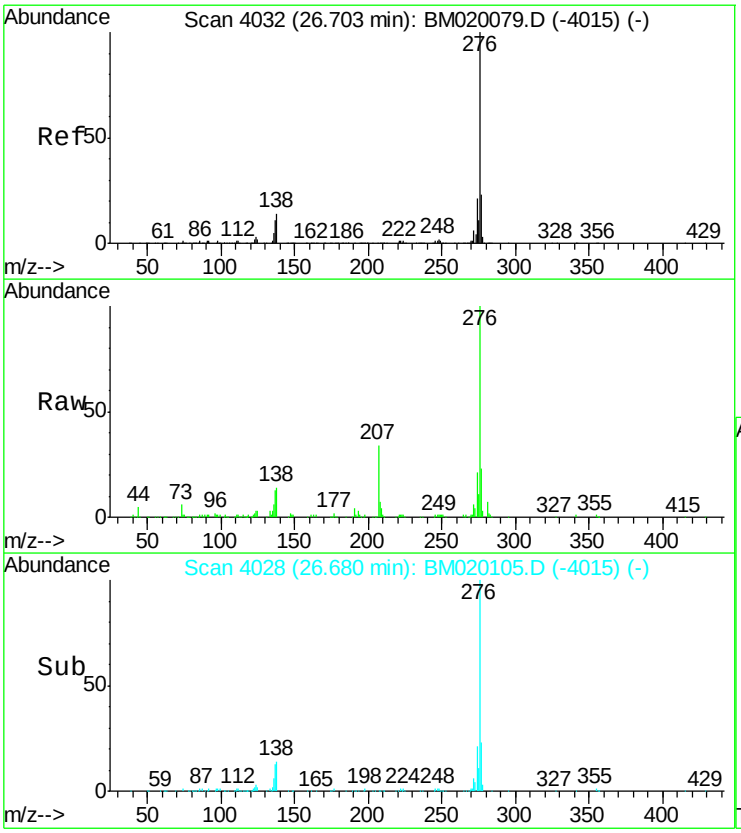
#91
Dibenzo(a,h)anthracene
Concen: 19.527 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:278 Resp: 1040628

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.6	13.0
279	23.4	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 10.787 ng
RT: 26.68 min Scan# 4028
Delta R.T. -0.02 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:276 Resp: 545761

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	14.4	11.1	16.7