Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
Data File : BG040291.D
Acq On : 2 Apr 2019 9:06
Operator : JU/SJ
Sample : K1689-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-032919-A

Quant Time: Apr 02 11:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59177	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	252596	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	173396	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	440499	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	437584	20.00	ng		-0.02
87) Perylene-d12	25.01	264	437551	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	463278	130.14	ng		-0.01
7) Phenol-d6	7.21	99	594032	120.75	ng		-0.02
23) Nitrobenzene-d5	9.23	82	456677	96.10	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	306999	163.82	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1085832	92.79	ng		-0.02
79) Terphenyl-d14	20.03	244	1806833	92.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	152	0.091	ng	#	15
3) Pyridine	4.04	79	56	0.012	ng	#	1
4) n-Nitrosodimethylamine	3.93	42	1265	0.607	ng	#	13
6) Aniline	7.58	93	811	0.127	ng	#	1
8) 2-Chlorophenol	7.61	128	54	0.013	ng	#	1
9) Benzaldehyde	7.21	77	1094	0.324	ng	#	2
10) Phenol	7.22	94	57	0.011	ng	#	1
11) bis(2-Chloroethyl)ether	7.58	93	811	0.190	ng	#	1
12) 1,3-Dichlorobenzene	8.38	146	620	0.137	ng	#	1
13) 1,4-Dichlorobenzene	8.38	146	620	0.137	ng	#	1
14) 1,2-Dichlorobenzene	8.38	146	620	0.144	ng	#	1
15) Benzyl Alcohol	8.38	79	6426	1.622	ng	#	40
16) 2,2'-oxybis(1-Chloropropan	8.57	45	279	0.034	ng		73
18) Hexachloroethane	9.22	117	181	0.105	ng	#	1
19) n-Nitroso-di-n-propylamine	9.23	70	56356	15.977	ng	#	73
20) 3+4-Methylphenols	8.87	107	55	0.011	ng	#	1
22) Acetophenone	8.88	105	631	0.100	ng	#	65
24) Nitrobenzene	9.23	77	1371	0.279	ng	#	31
29) 2,4-Dichlorophenol	10.49	162	54	0.013	ng	#	26
31) Naphthalene	10.91	128	6428	0.496	ng	#	87
33) 4-Chloroaniline	10.92	127	751	0.136	ng	#	43
35) Caprolactam	11.81	113	1682	1.054	ng	#	82
36) 4-Chloro-3-methylphenol	12.19	107	54	0.012	ng	#	20
37) 2-Methylnaphthalene	12.52	142	1905	0.199	ng		95
38) 1-Methylnaphthalene	12.74	142	1718	0.185	ng	#	78
41) Hexachlorocyclopentadiene	12.34	237	53	0.018	ng	#	24
43) 2,4,6-Trichlorophenol	12.61	196	89	0.025	ng	#	11
46) 1,1'-Biphenyl	13.52	154	2254	0.165	ng		84
48) 2-Nitroaniline	13.30	65	1746	0.493	ng	#	9
49) Acenaphthylene	14.40	152	68	0.004	ng	#	59
50) Dimethylphthalate	14.13	163	68	0.005	ng	#	76
51) 2,6-Dinitrotoluene	14.19	165	875	0.287	ng	#	24
52) Acenaphthene	14.74	154	1323	0.130	ng		83
55) Dibenzofuran	15.07	168	486	0.030	ng	#	47

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
Data File : BG040291.D
Acq On : 2 Apr 2019 9:06
Operator : JU/SJ
Sample : K1689-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-032919-A

Quant Time: Apr 02 11:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 4-Nitrophenol	15.02	139	66	0.025	ng	#	5
57) 2,4-Dinitrotoluene	14.68	165	23271	5.496	ng	#	26
58) Fluorene	15.73	166	962	0.075	ng	#	49
59) 2,3,4,6-Tetrachlorophenol	15.60	232	67	0.019	ng	#	41
60) Diethylphthalate	15.48	149	1681	0.121	ng	#	79
61) 4-Chlorophenyl-phenylether	15.71	204	55	0.008	ng	#	31
62) 4-Nitroaniline	15.78	138	74	0.021	ng	#	17
63) Azobenzene	16.00	77	63	0.005	ng	#	48
65) 4,6-Dinitro-2-methylphenol	16.17	198	968	0.391	ng	#	1
66) n-Nitrosodiphenylamine	16.17	169	11948	0.927	ng	#	45
67) 4-Bromophenyl-phenylether	16.17	248	23342	4.709	ng	#	1
70) Pentachlorophenol	17.57	266	91	0.032	ng	#	17
71) Phenanthrene	17.47	178	2368	0.102	ng	#	91
72) Anthracene	17.47	178	2368	0.102	ng	#	92
73) Carbazole	17.85	167	100	0.005	ng	#	59
74) Di-n-butylphthalate	18.37	149	7139	0.275	ng		97
75) Fluoranthene	19.69	202	64	0.002	ng		63
77) Benzidine	20.03	184	31124	1.970	ng	#	92
78) Pyrene	19.84	202	293	0.010	ng	#	56
80) Butylbenzylphthalate	20.71	149	541	0.044	ng	#	62
81) Benzo(a)anthracene	21.70	228	1190	0.044	ng	#	51
82) 3,3'-Dichlorobenzidine	21.60	252	55	0.005	ng	#	26
83) Chrysene	21.70	228	1190	0.046	ng	#	50
84) Bis(2-ethylhexyl)phthalate	21.55	149	2340	0.133	ng	#	89
85) Di-n-octyl phthalate	22.79	149	483	0.016	ng	#	74
86) Indeno(1,2,3-cd)pyrene	28.85	276	67	0.002	ng	#	50
88) Benzo(b)fluoranthene	23.95	252	131	0.005	ng	#	1
89) Benzo(k)fluoranthene	24.02	252	121	0.005	ng	#	59
90) Benzo(a)pyrene	24.85	252	72	0.003	ng	#	1
91) Dibenzo(a,h)anthracene	28.91	278	64	0.003	ng	#	57
92) Benzo(g,h,i)perylene	30.05	276	67	0.003	ng	#	55

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
Data File : BG040291.D
Acq On : 2 Apr 2019 9:06
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Sample : K1689-04
Misc :
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Instrument : BNA_G
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Quant Time: Apr 02 11:02:46 2019
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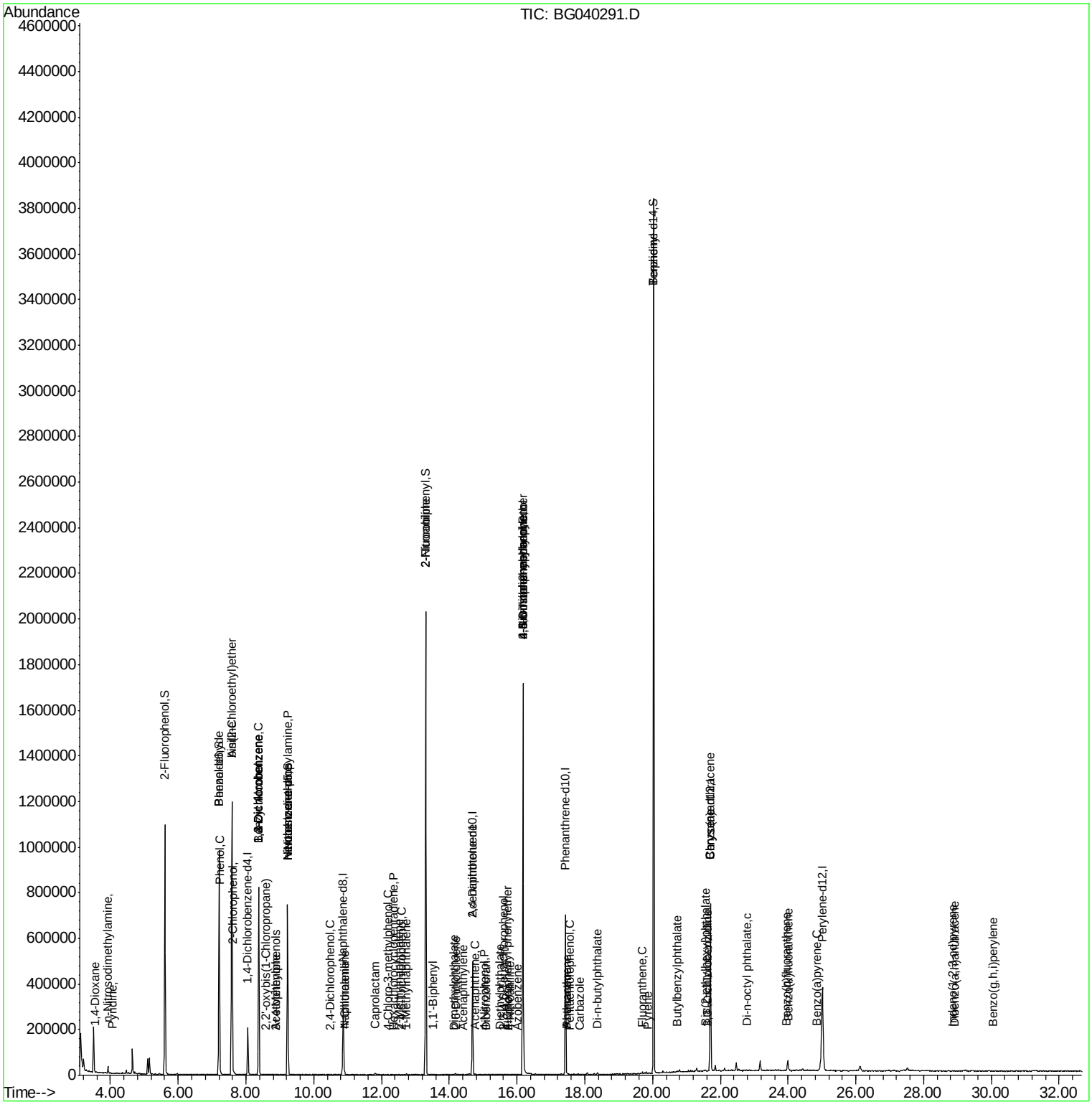
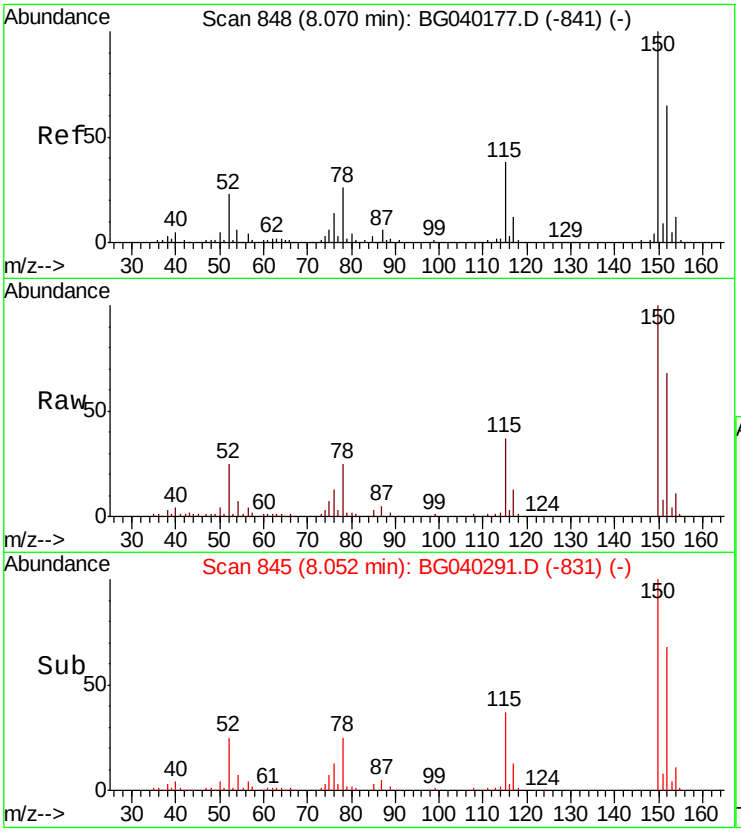
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



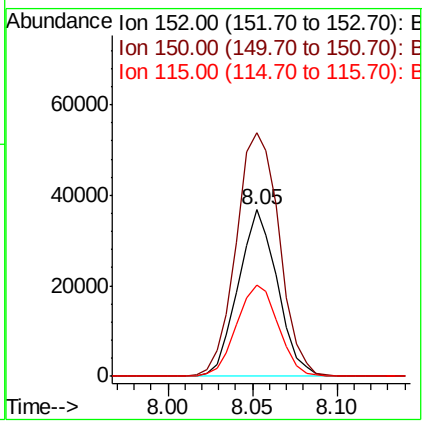


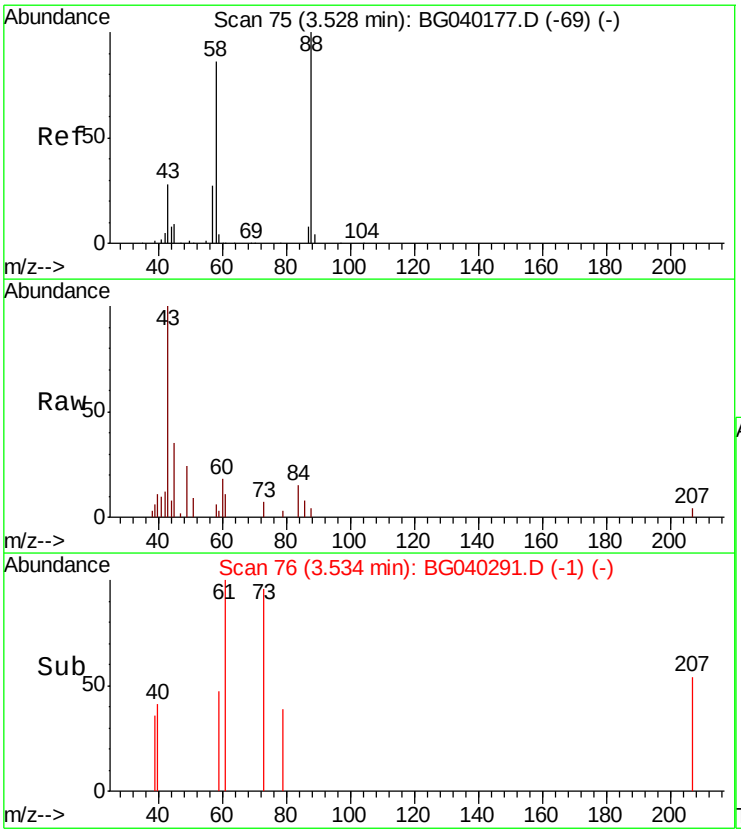
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:152 Resp: 59177

Ion	Ratio	Lower	Upper
152	100		
150	146.5	123.7	185.5
115	54.7	46.9	70.3

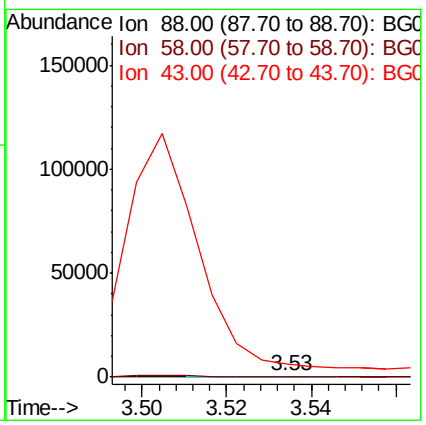


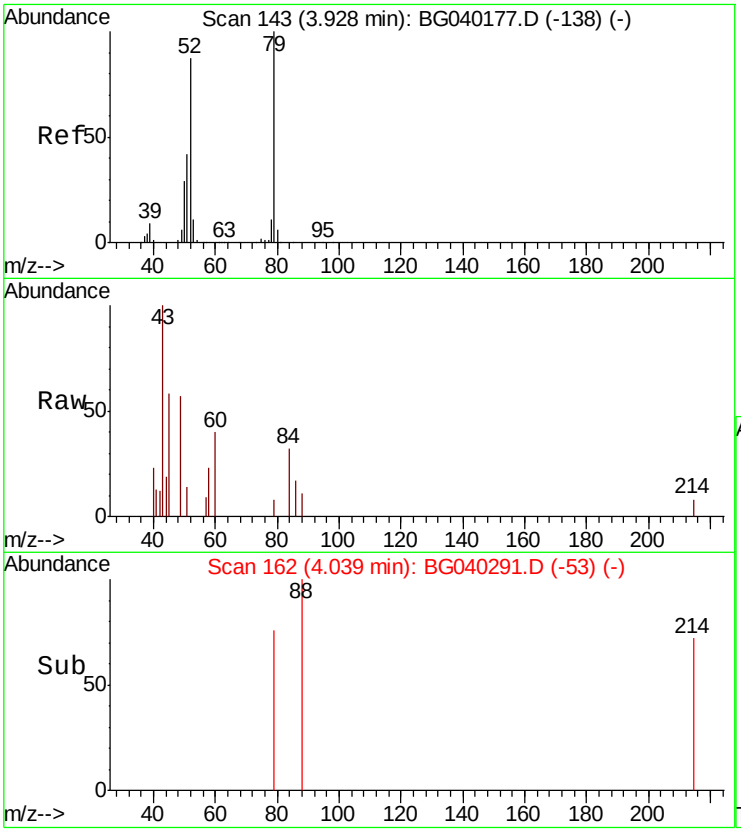


#2
1,4-Dioxane
Concen: 0.091 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 88 Resp: 152

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.6	106.0#
43	0.0	24.8	37.2#



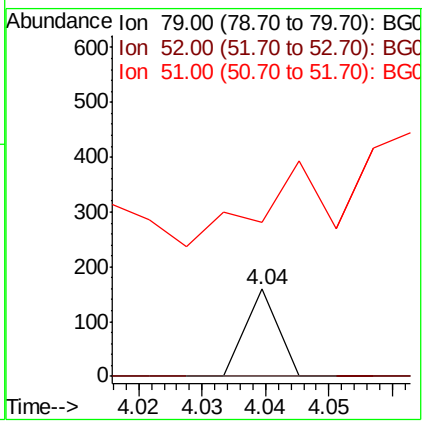


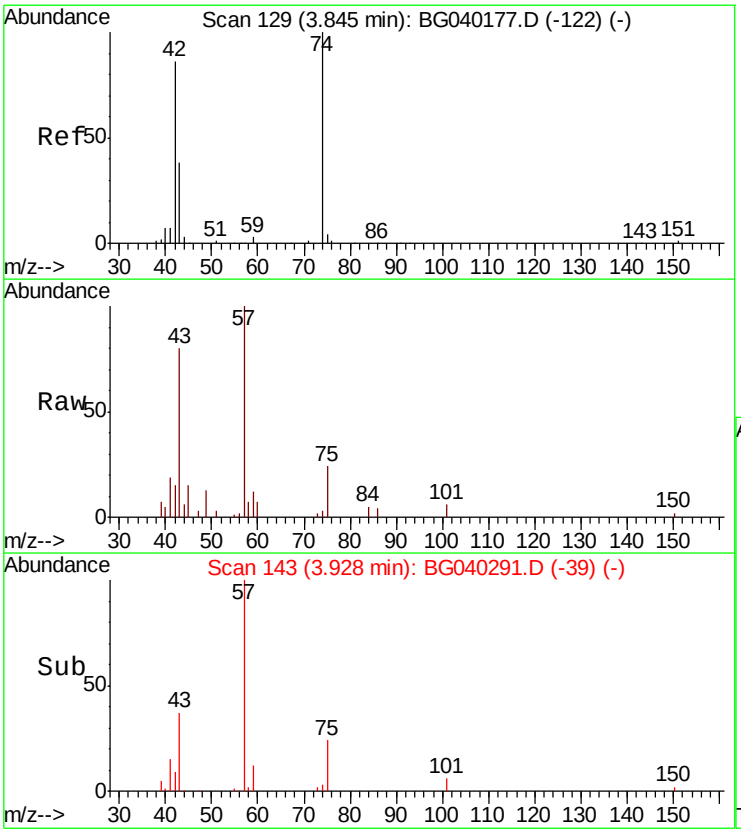
#3
Pyridine
Concen: 0.012 ng
RT: 4.04 min Scan# 162
Delta R.T. 0.11 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 79 Resp: 56

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.8	104.8#
51	176.7	33.9	50.9#

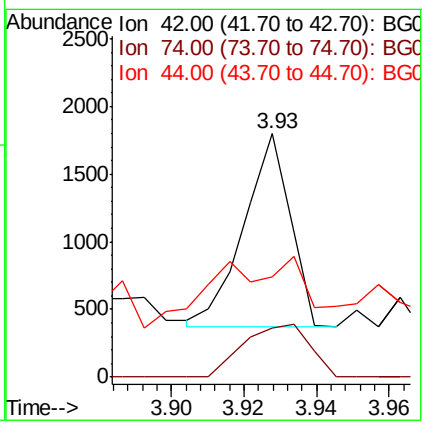


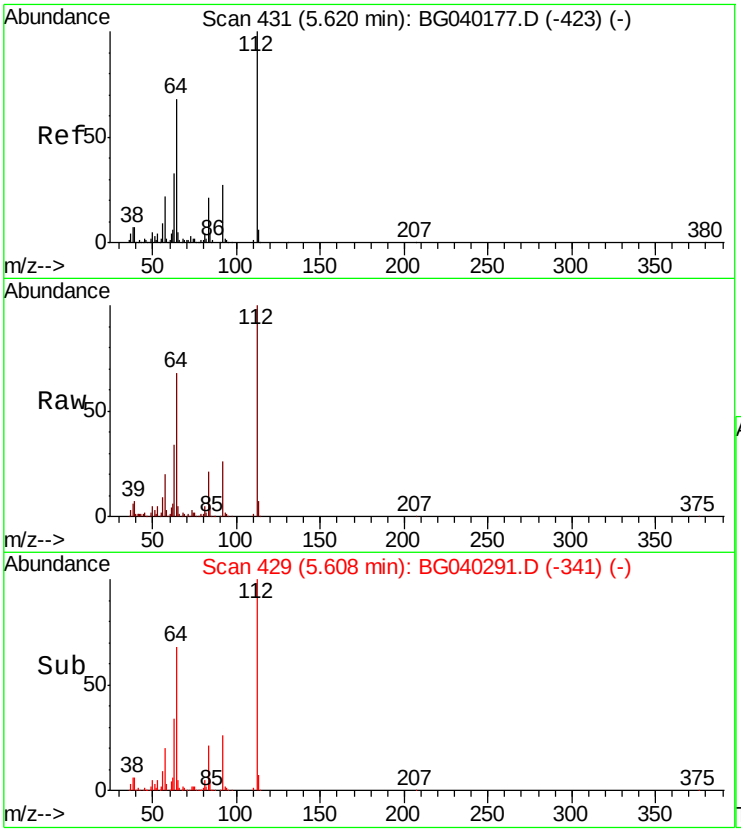


#4
n-Nitrosodimethylamine
Concen: 0.607 ng
RT: 3.93 min Scan# 143
Delta R.T. 0.08 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 42 Resp: 1265

Ion	Ratio	Lower	Upper
42	100		
74	20.1	92.9	139.3#
44	41.1	9.7	14.5#



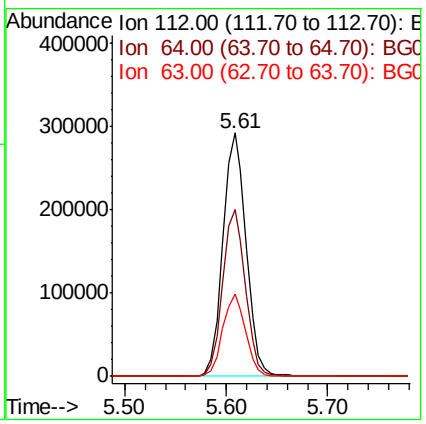


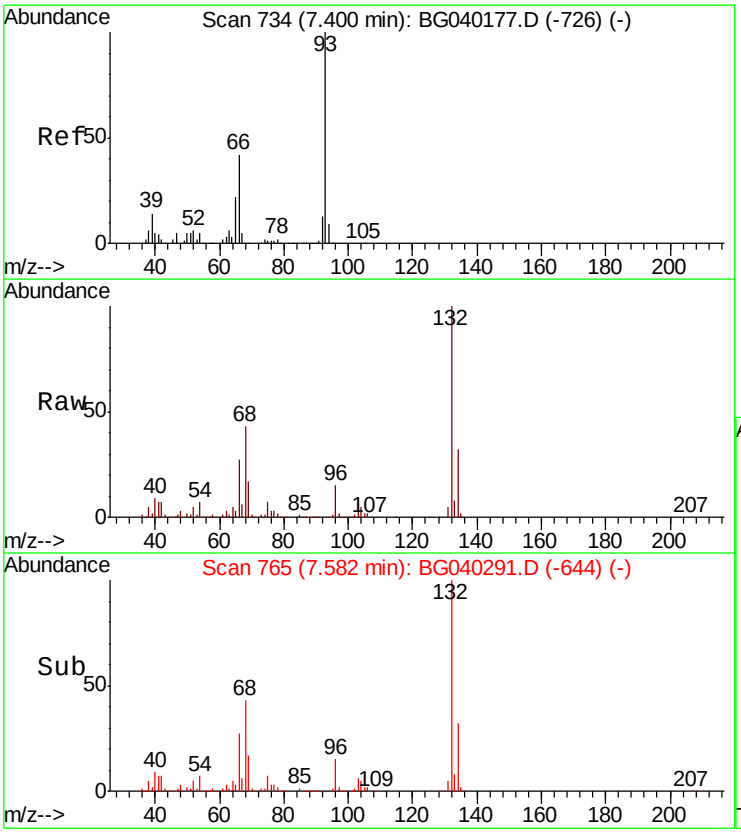
#5
2-Fluorophenol
Concen: 130.145 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:112 Resp: 463278

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.2	81.2
63	34.0	26.4	39.6

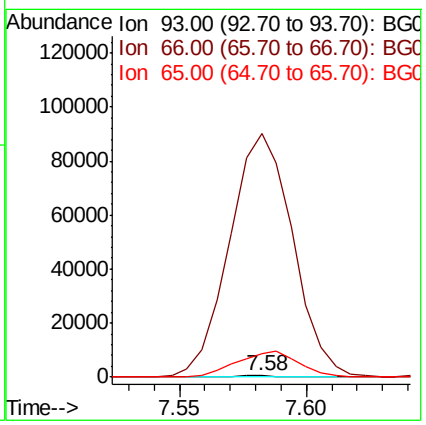


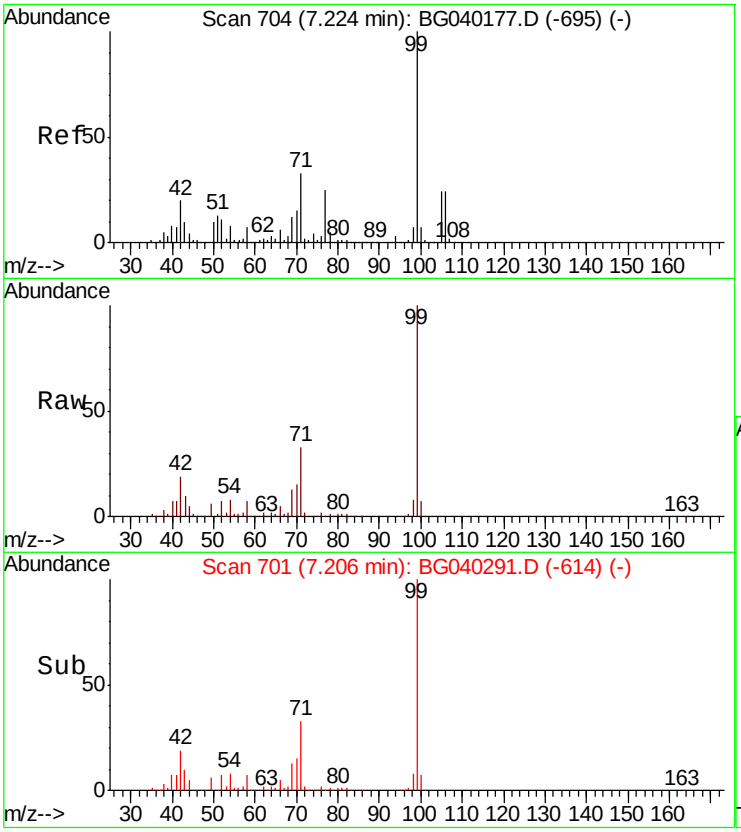


#6
Aniline
Concen: 0.127 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.18 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 93 Resp: 811

Ion	Ratio	Lower	Upper
93	100		
66	16631.7	33.6	50.4#
65	1603.0	17.4	26.2#



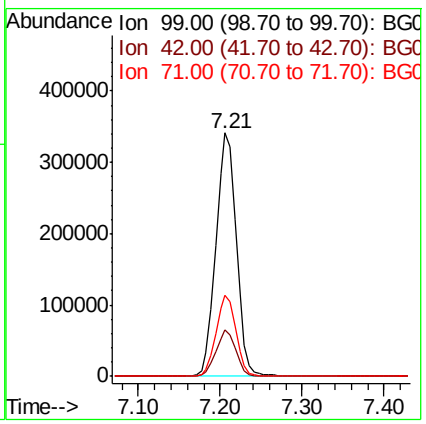


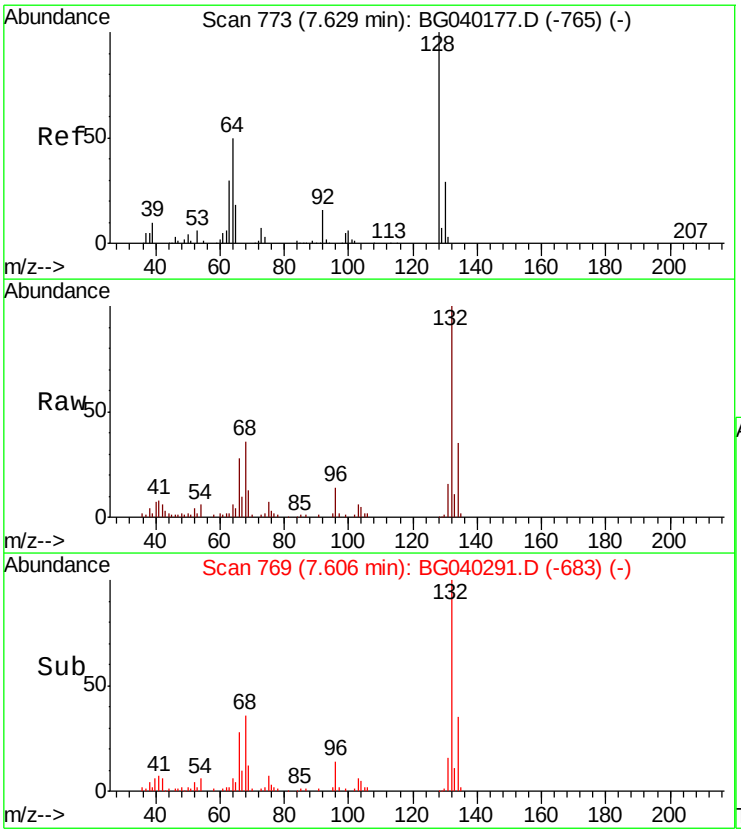
#7
Phenol-d6
Concen: 120.749 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 99 Resp: 594032

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	33.1	26.8	40.2

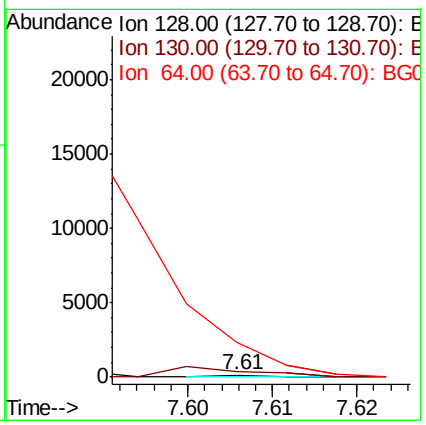


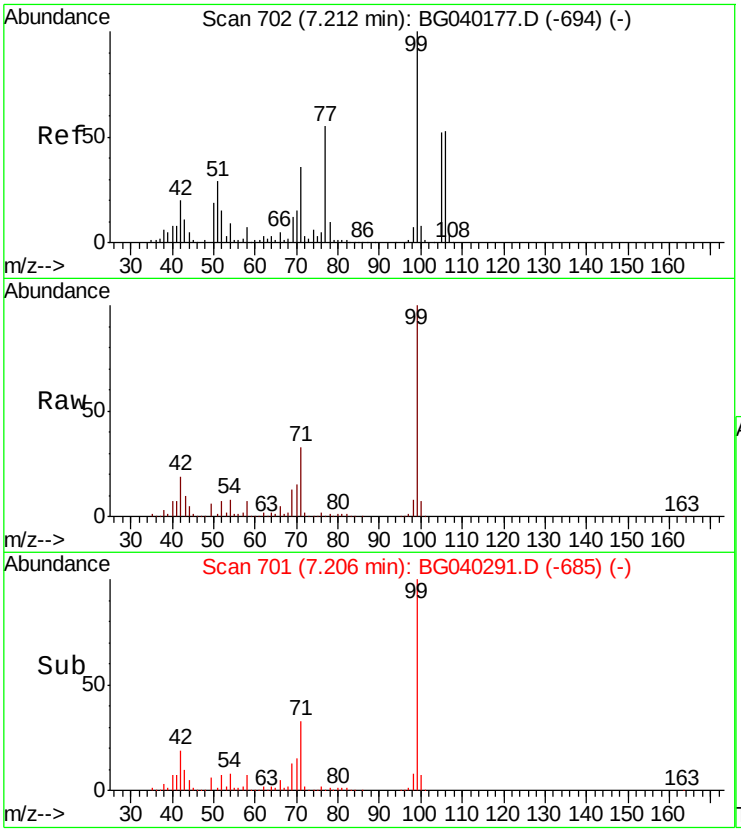


#8
2-Chlorophenol
Concen: 0.013 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
130	267.8	9.1	49.1#
64	1575.0	33.1	73.1#



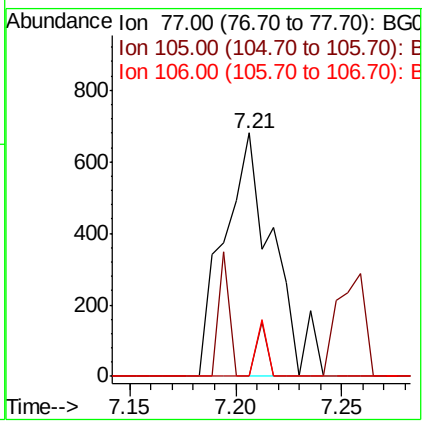


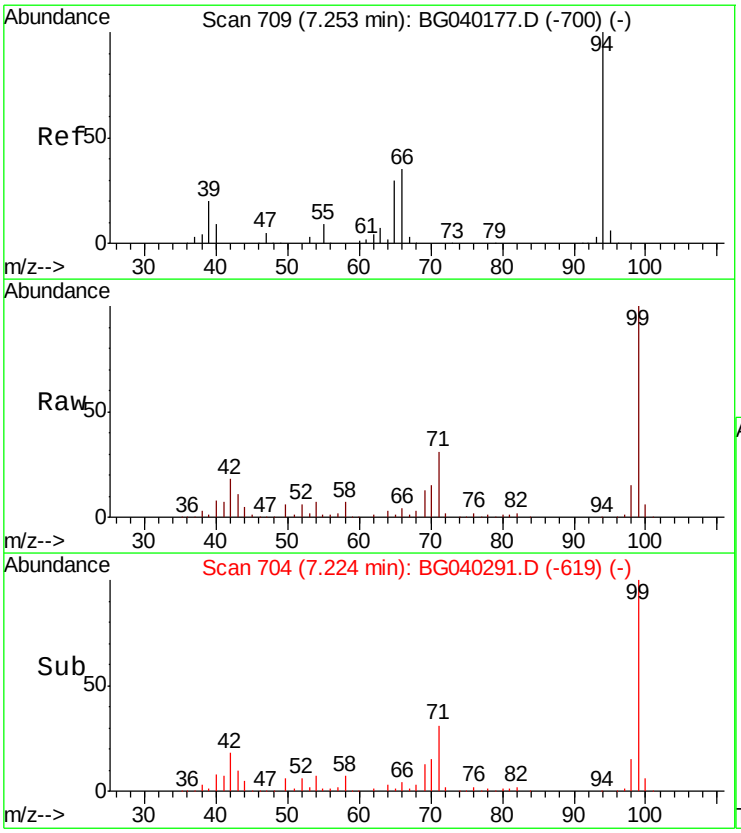
#9
Benzaldehyde
Concen: 0.324 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 77 Resp: 1094

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.0	115.0#
106	0.0	75.7	115.7#

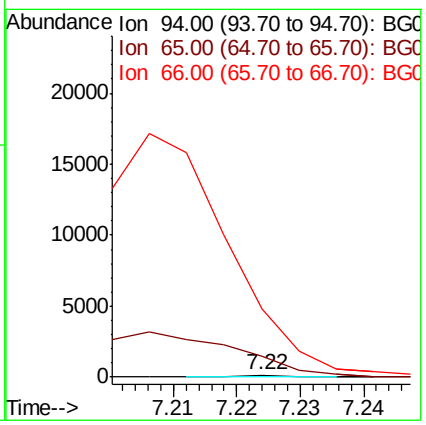


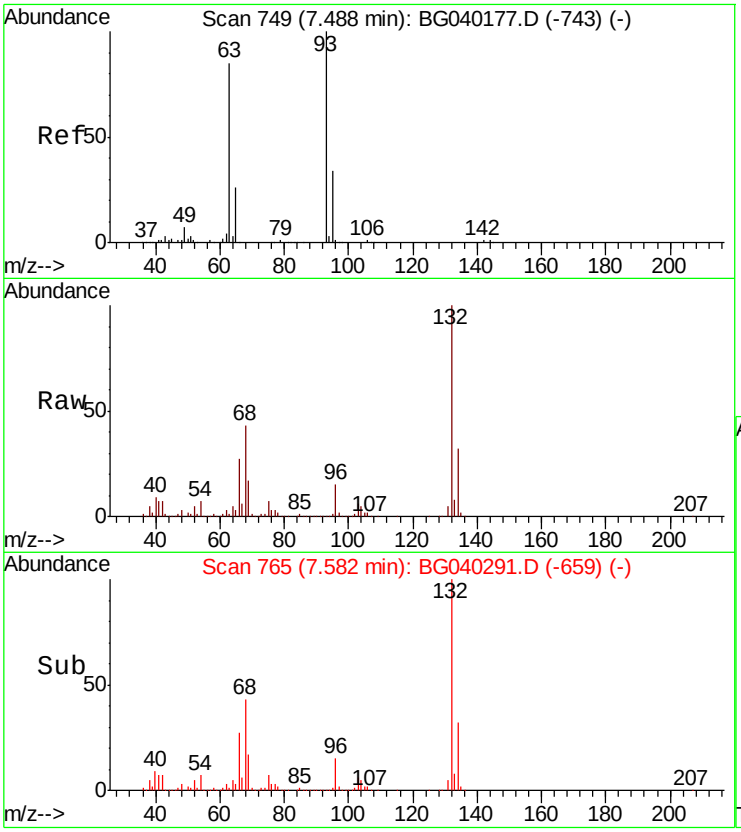


#10
Phenol
Concen: 0.011 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.03 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 94 Resp: 57

Ion	Ratio	Lower	Upper
94	100		
65	885.9	10.5	50.5#
66	2942.3	16.9	56.9#



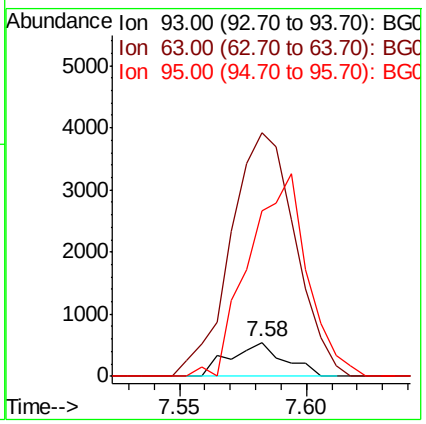


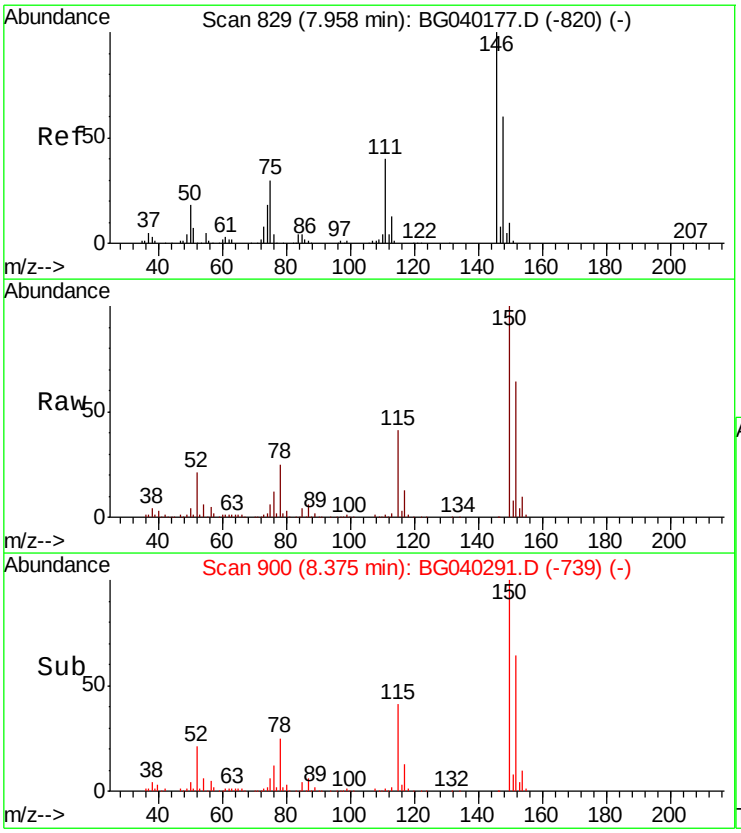
#11
bis(2-Chloroethyl)ether
Concen: 0.190 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.09 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 93 Resp: 811

Ion	Ratio	Lower	Upper
93	100		
63	722.9	64.2	104.2#
95	490.2	14.0	54.0#

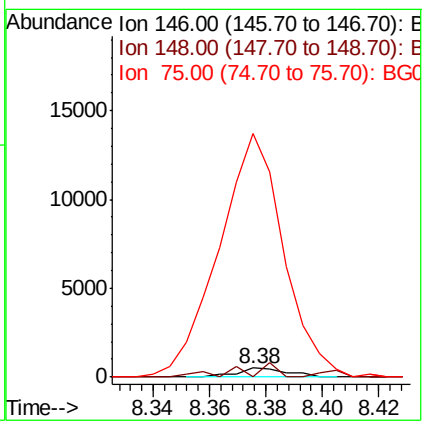


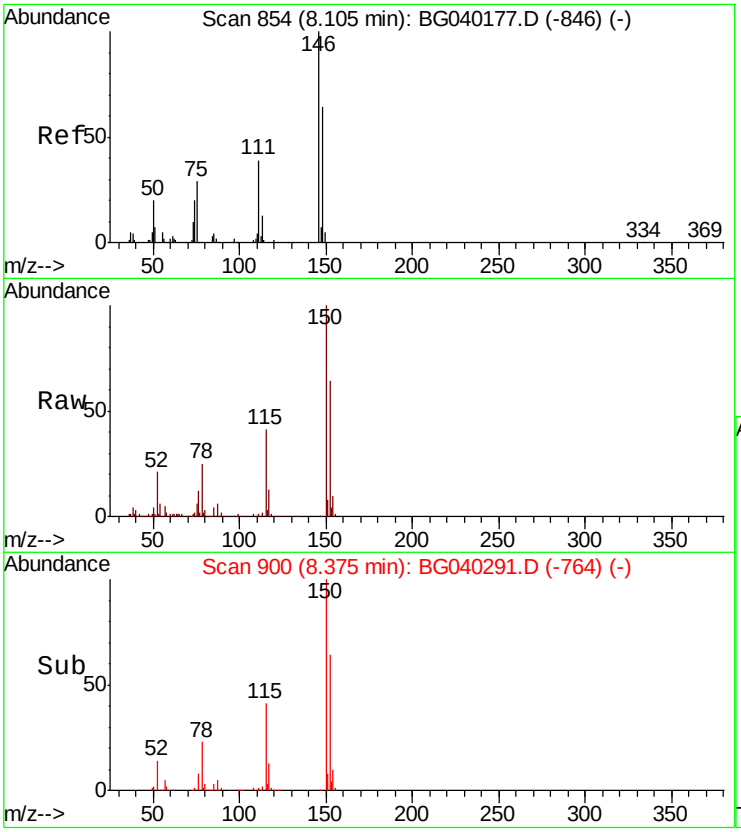


#12
1,3-Dichlorobenzene
Concen: 0.137 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.42 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:146 Resp: 620

Ion	Ratio	Lower	Upper
146	100		
148	0.0	48.2	72.2#
75	2651.3	24.1	36.1#



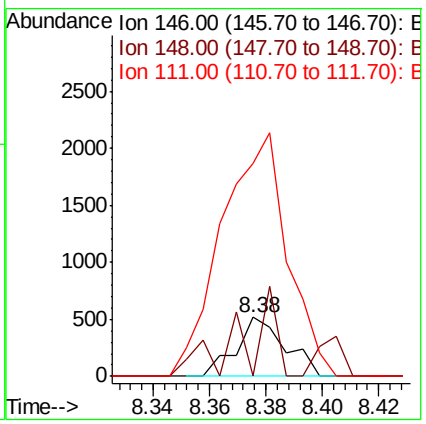


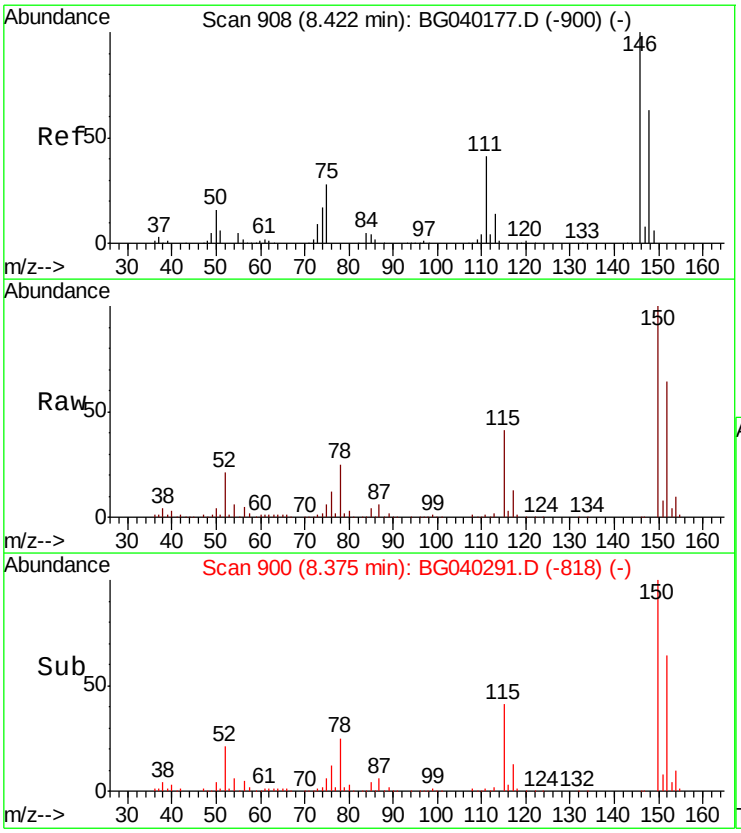
#13
1,4-Dichlorobenzene
Concen: 0.137 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.27 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:146 Resp: 620

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.0	76.4#
111	360.7	31.8	47.6#

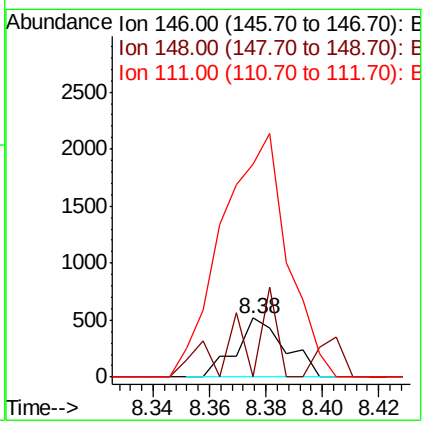


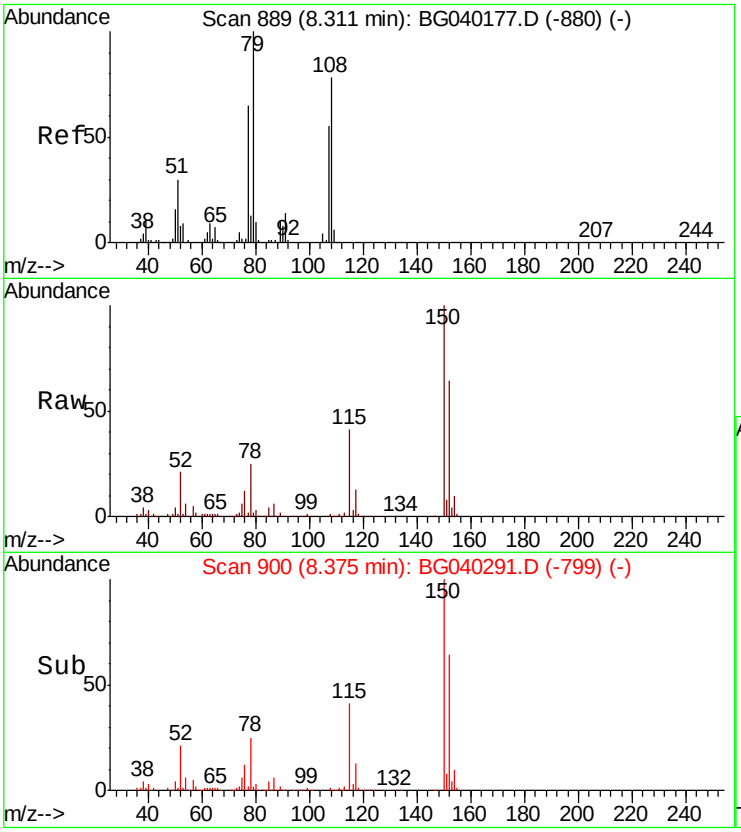


#14
1,2-Dichlorobenzene
Concen: 0.144 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.05 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:146 Resp: 620

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.8	76.2#
111	360.7	33.4	50.0#



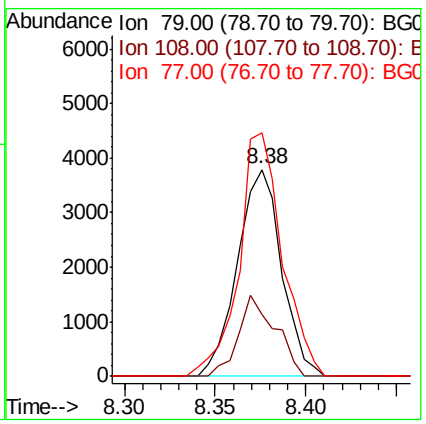


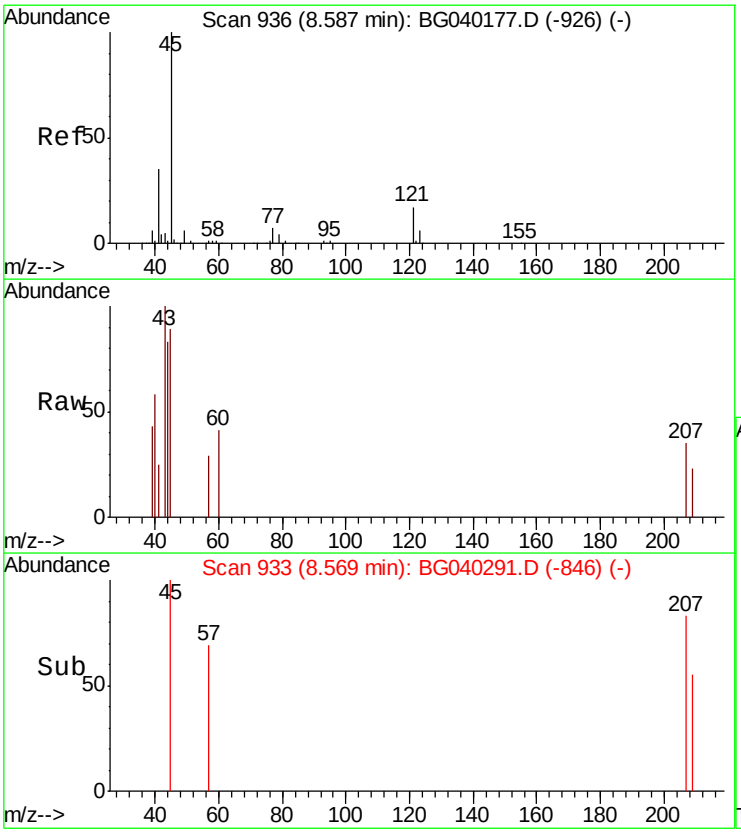
#15
Benzyl Alcohol
Concen: 1.622 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.06 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 79 Resp: 6426

Ion	Ratio	Lower	Upper
79	100		
108	29.8	62.1	93.1#
77	117.6	51.9	77.9#

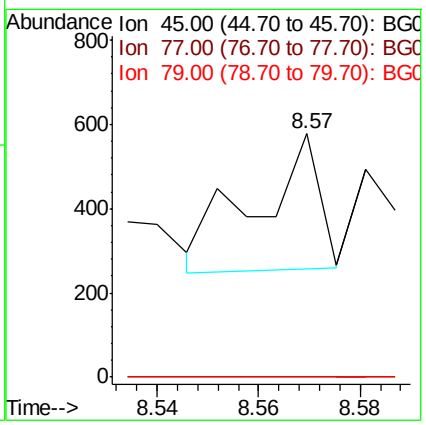


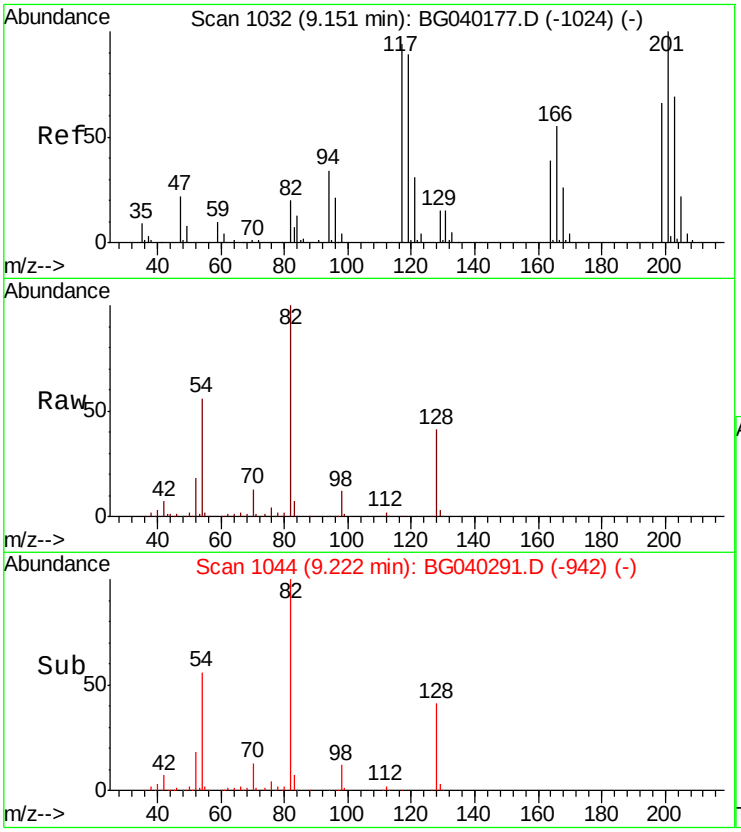


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.034 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 45 Resp: 279

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.4
79	0.0	0.0	28.3



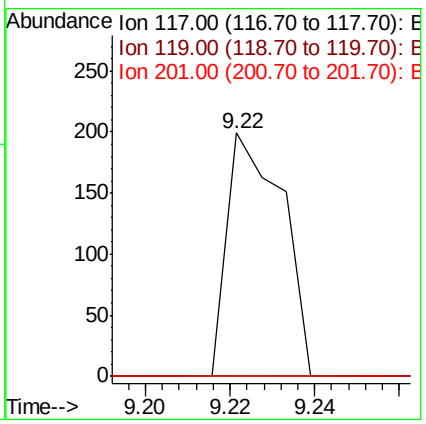


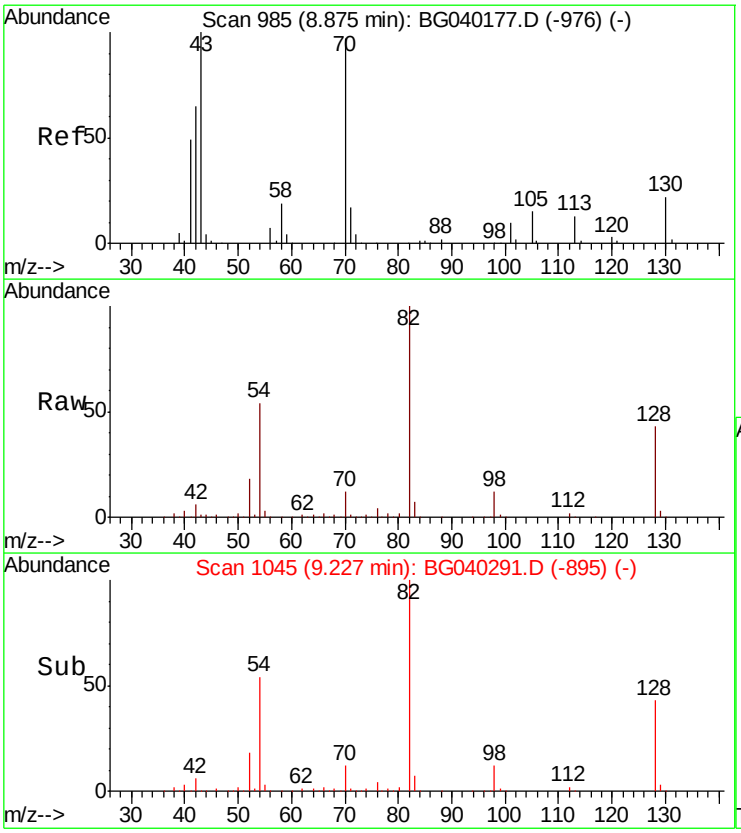
#18
Hexachloroethane
Concen: 0.105 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.07 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:117 Resp: 181

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
201	0.0	85.0	127.4#

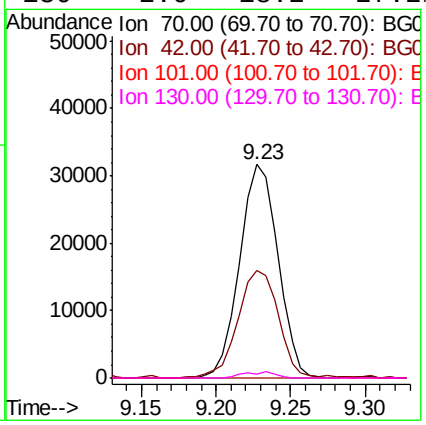


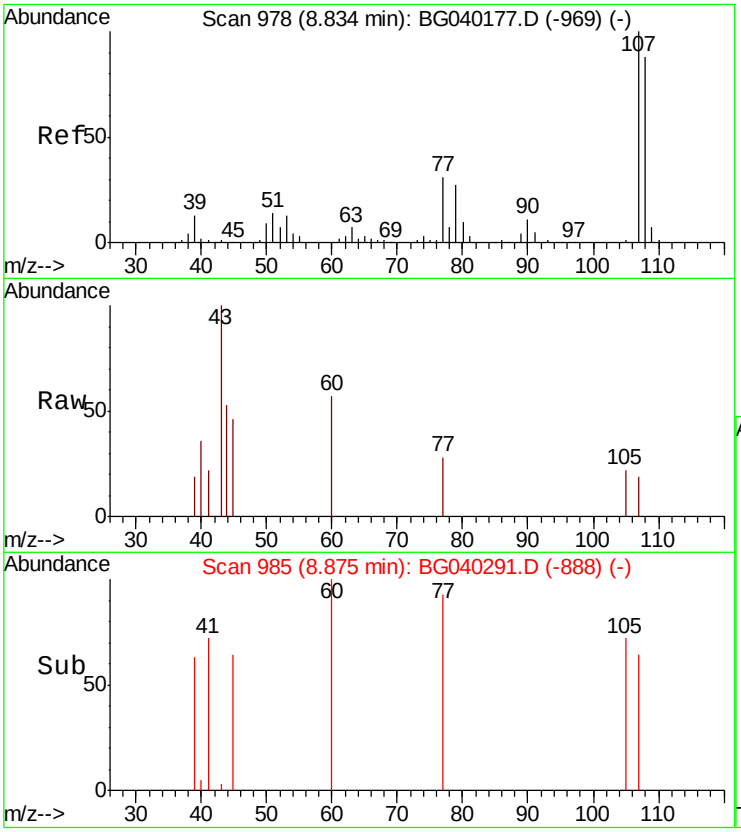


#19
n-Nitroso-di-n-propylamine
Concen: 15.977 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 70 Resp: 56356

Ion	Ratio	Lower	Upper
70	100		
42	50.6	54.0	81.0#
101	0.0	8.6	13.0#
130	2.0	18.2	27.2#



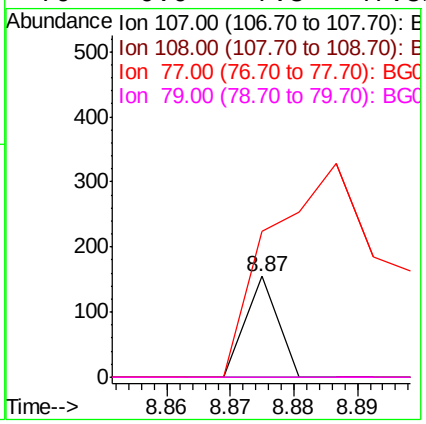


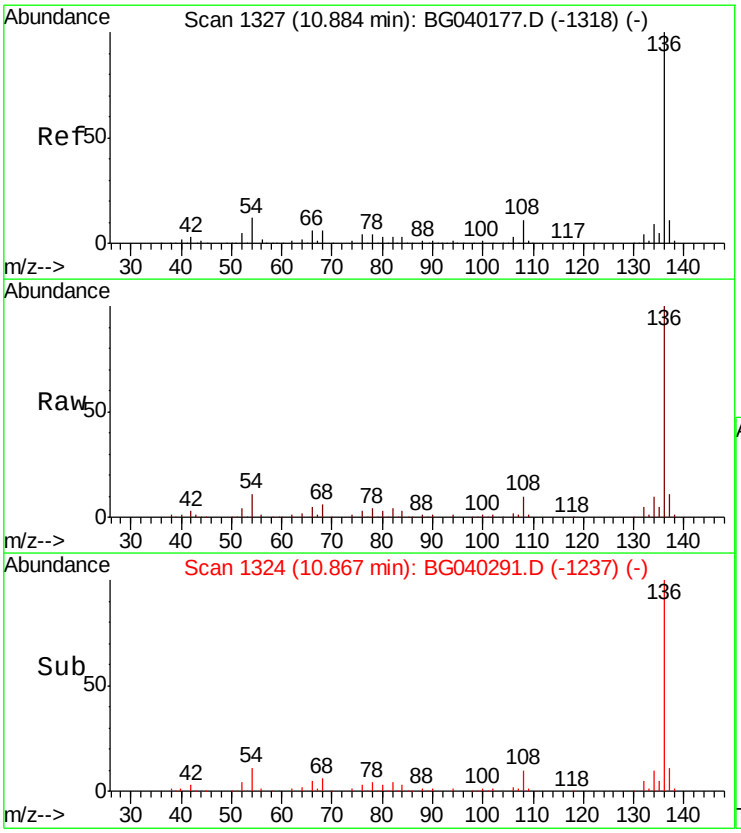
#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.04 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:107 Resp: 55

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.3	108.3#
77	145.2	11.3	51.3#
79	0.0	7.3	47.3#

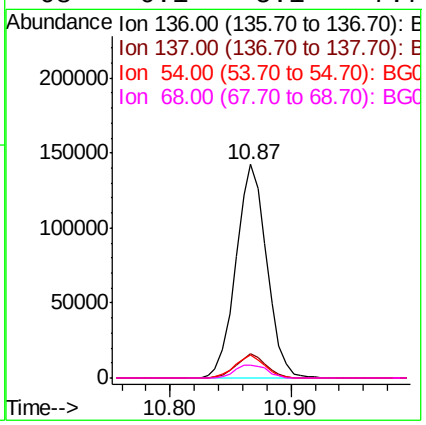


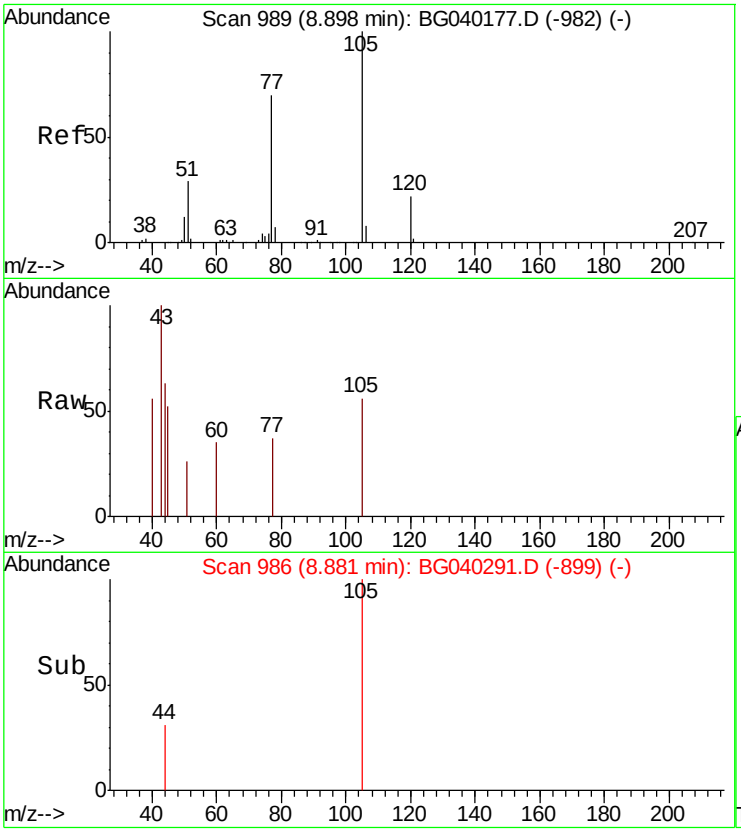


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:136 Resp: 252596

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.6	9.6	14.4
68	6.1	5.1	7.7



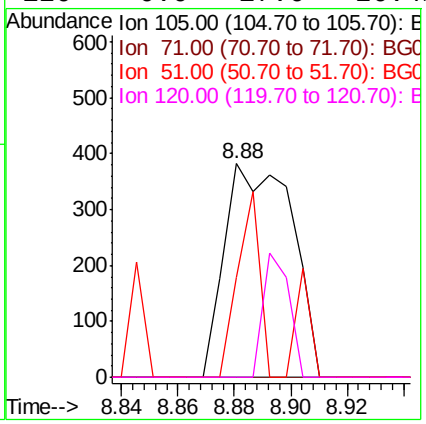


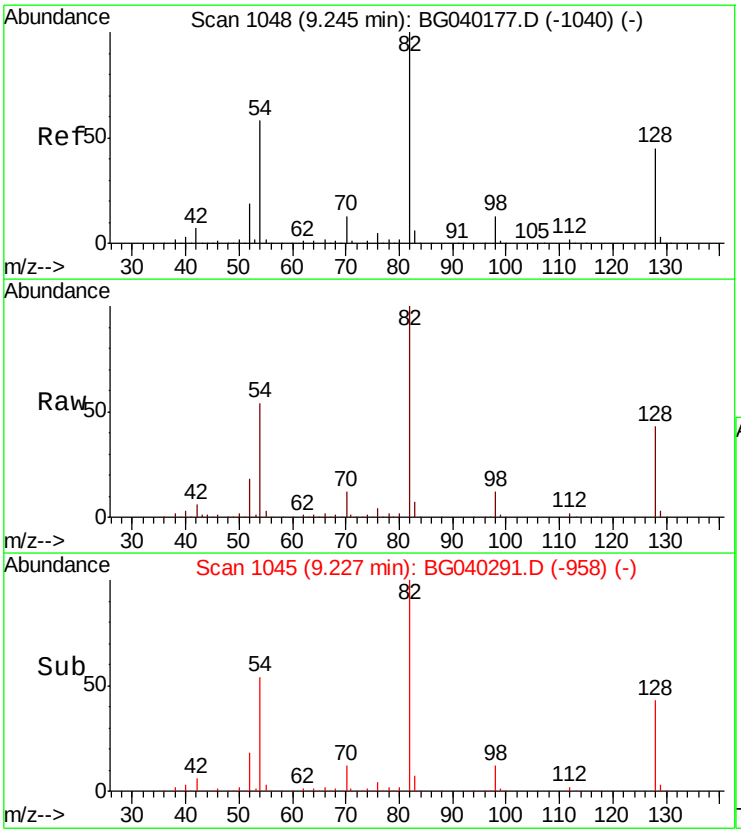
#22
Acetophenone
Concen: 0.100 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:105 Resp: 631

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	47.1	25.1	37.7#
120	0.0	17.6	26.4#

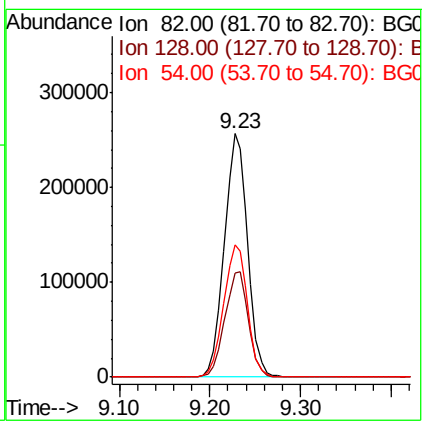


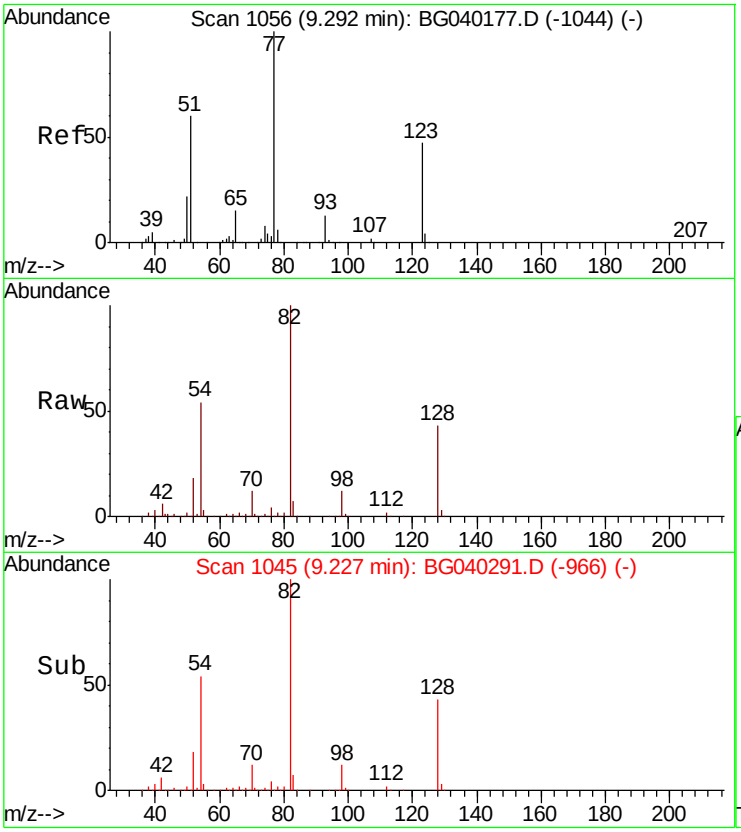


#23
Nitrobenzene-d5
Concen: 96.098 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 82 Resp: 456677

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.8	53.8
54	54.3	46.2	69.2



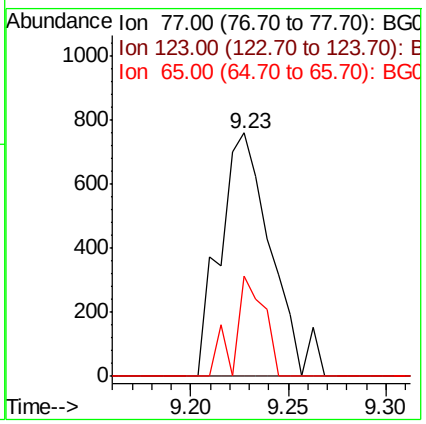


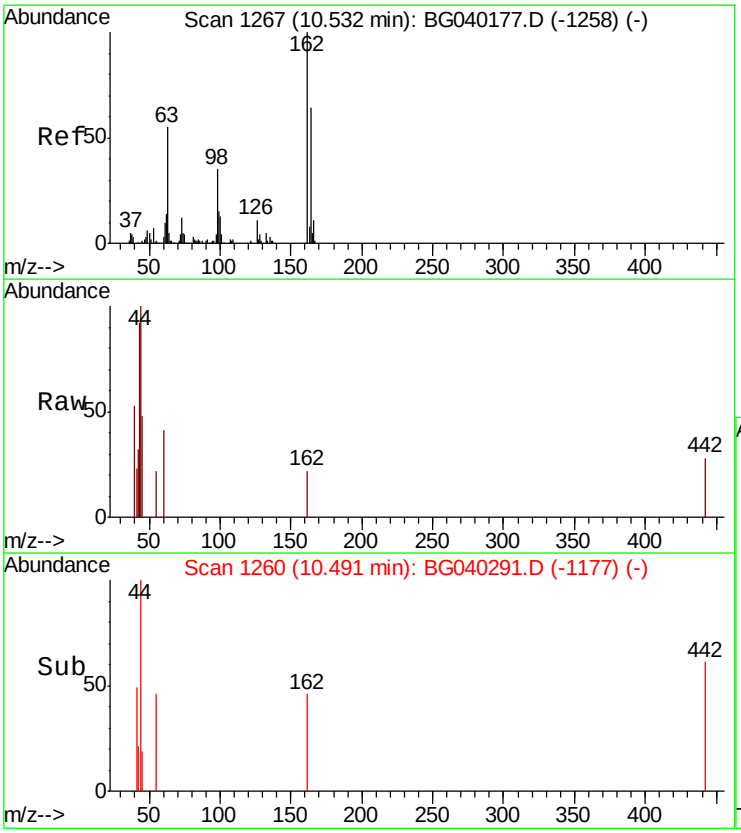
#24
Nitrobenzene
Concen: 0.279 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 77 Resp: 1371

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	41.3	12.0	18.0#

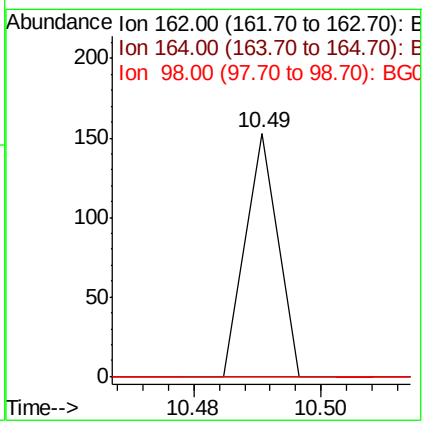


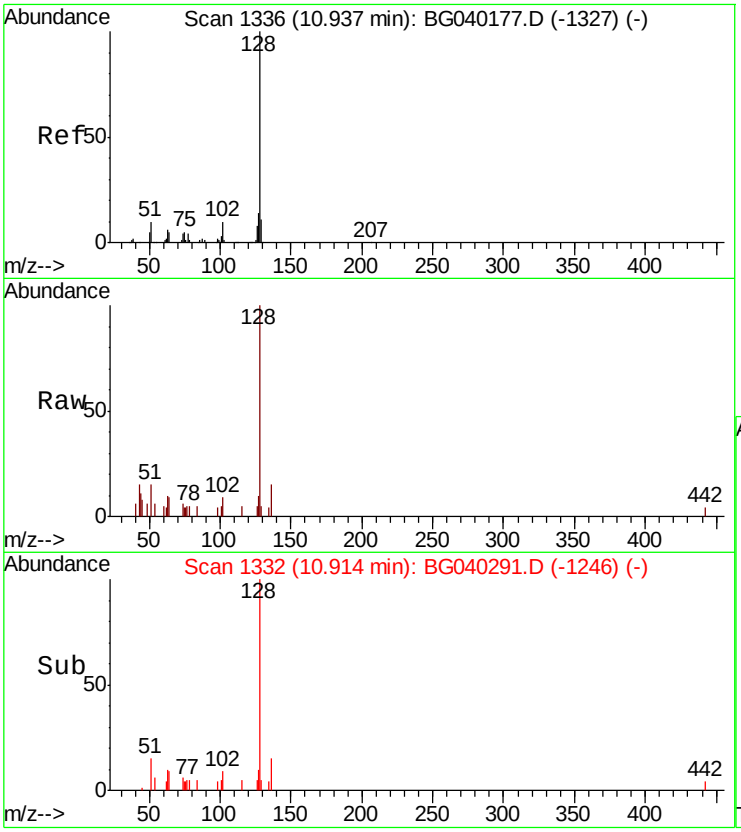


#29
2,4-Dichlorophenol
Concen: 0.013 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:162 Resp: 54

Ion	Ratio	Lower	Upper
162	100		
164	0.0	43.9	83.9#
98	0.0	15.6	55.6#



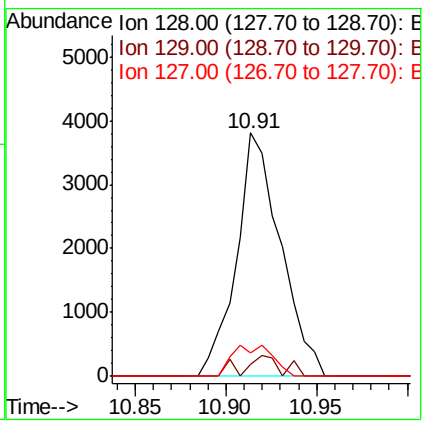


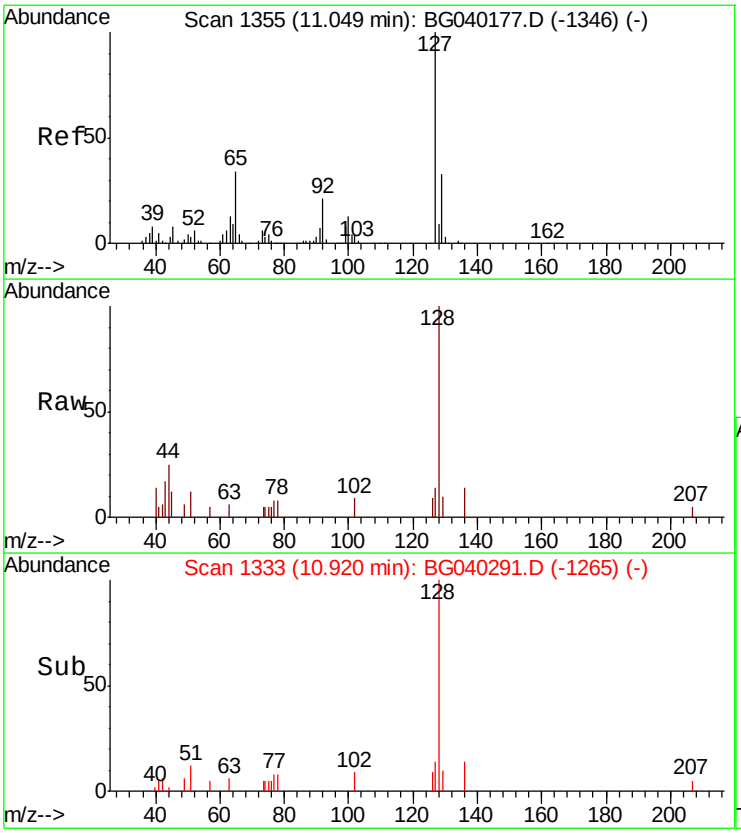
#31
Naphthalene
Concen: 0.496 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:128 Resp: 6428

Ion	Ratio	Lower	Upper
128	100		
129	5.2	8.9	13.3#
127	9.6	11.4	17.0#

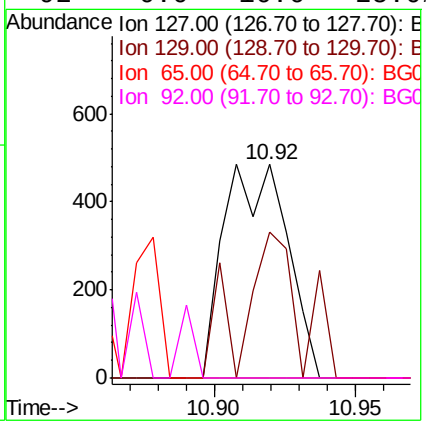


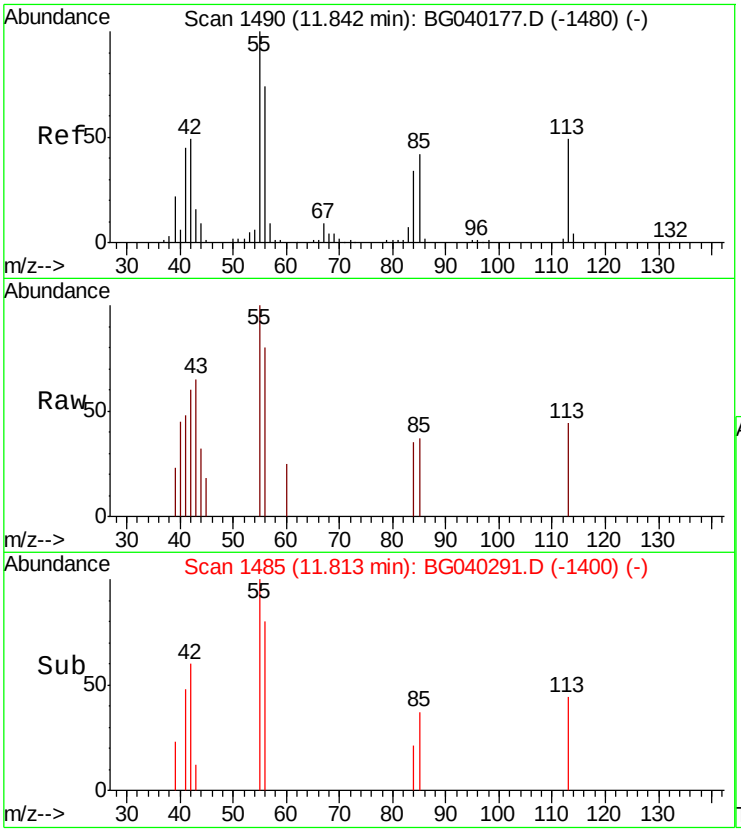


#33
4-Chloroaniline
Concen: 0.136 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.13 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:127 Resp: 751

Ion	Ratio	Lower	Upper
127	100		
129	68.5	26.6	40.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



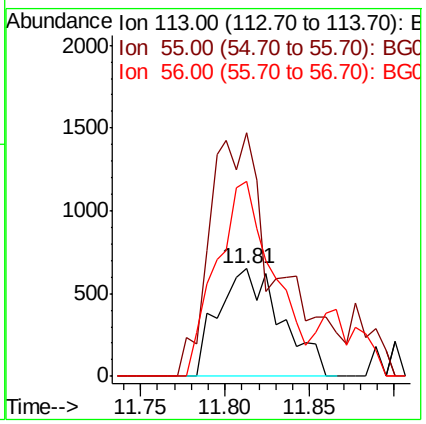


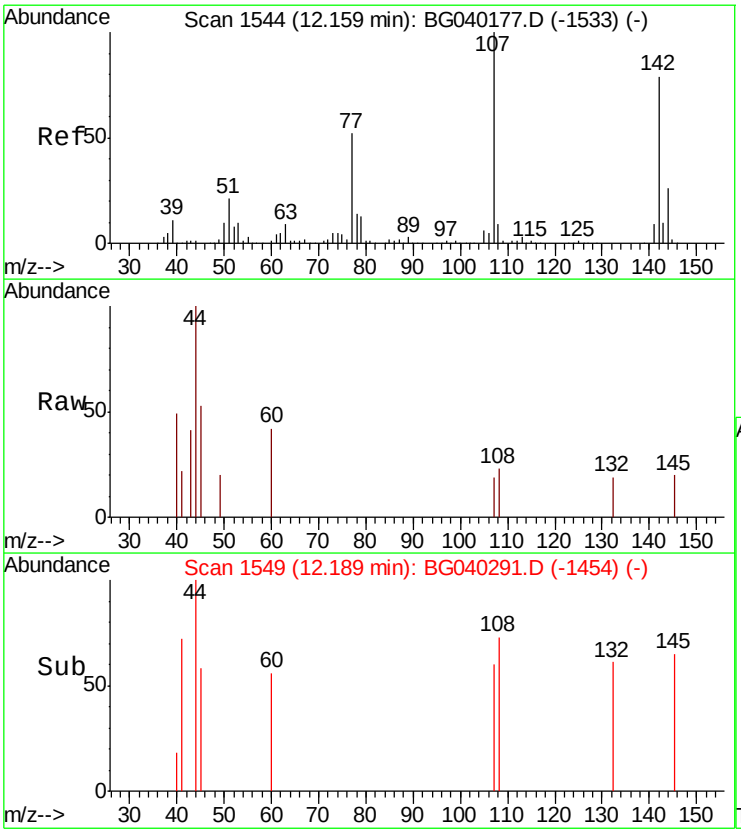
#35
Caprolactam
Concen: 1.054 ng
RT: 11.81 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:113 Resp: 1682

Ion	Ratio	Lower	Upper
113	100		
55	226.3	184.2	224.2#
56	181.7	131.3	171.3#

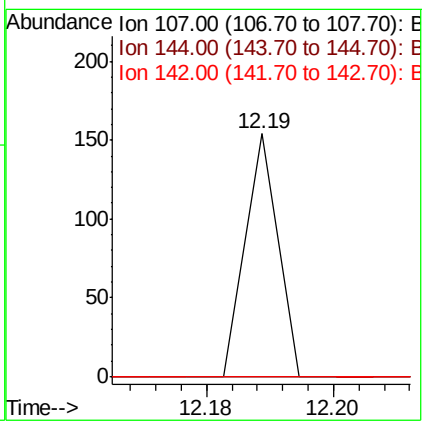


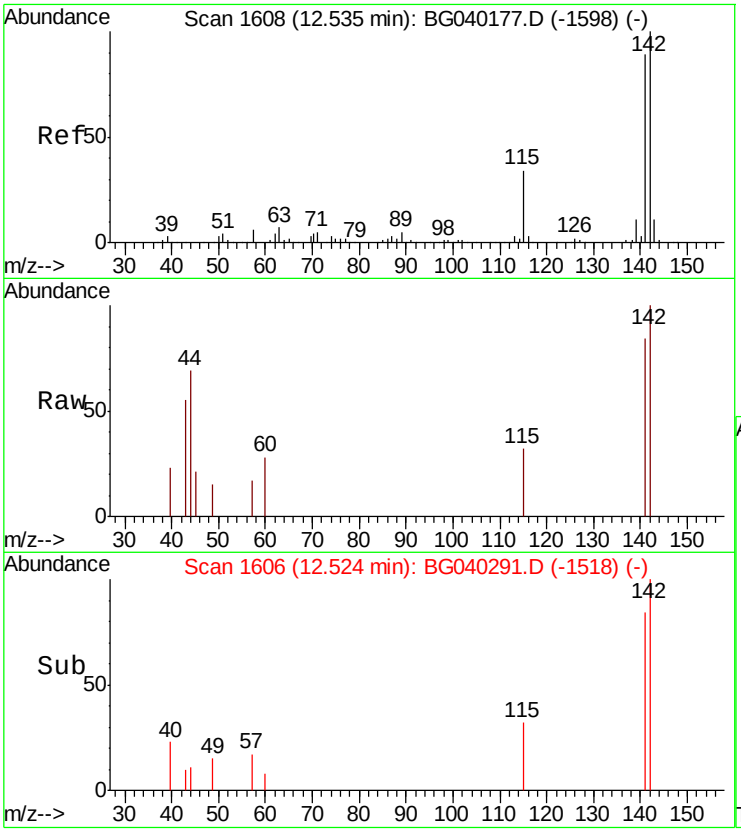


#36
4-Chloro-3-methylphenol
Concen: 0.012 ng
RT: 12.19 min Scan# 1549
Delta R.T. 0.03 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:107 Resp: 54

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	63.1	94.7#



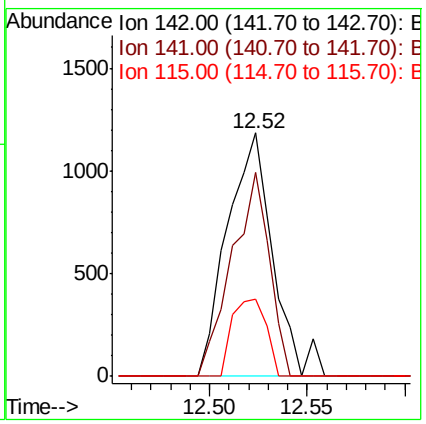


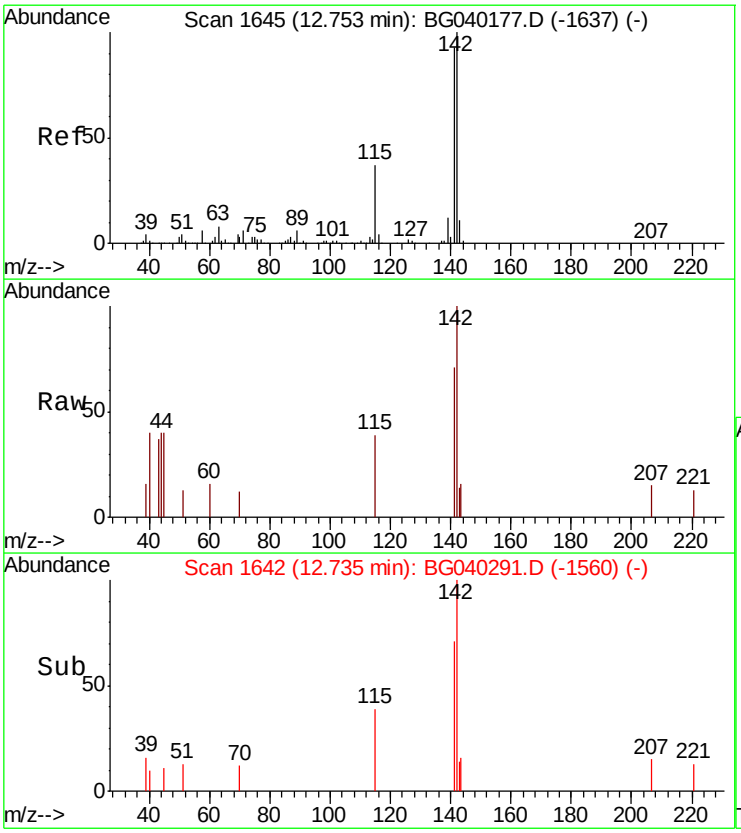
#37
2-Methylnaphthalene
Concen: 0.199 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:142 Resp: 1905

Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.0	106.6
115	31.8	27.3	40.9

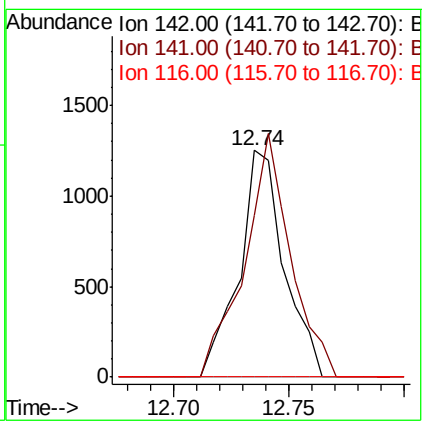


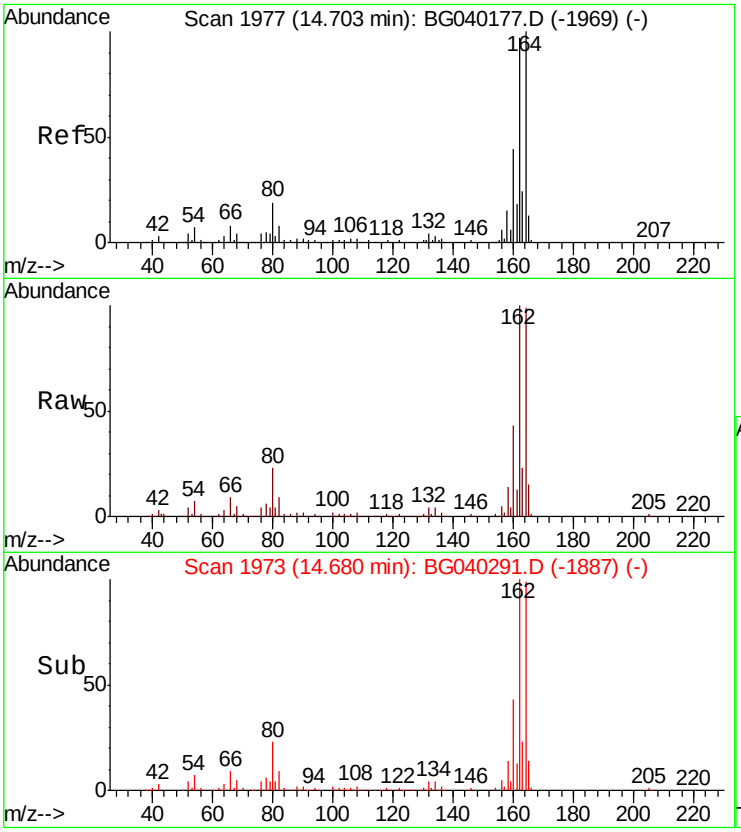


#38
1-Methylnaphthalene
Concen: 0.185 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:142 Resp: 1718

Ion	Ratio	Lower	Upper
142	100		
141	71.1	74.2	111.4#
116	0.0	3.0	4.4#



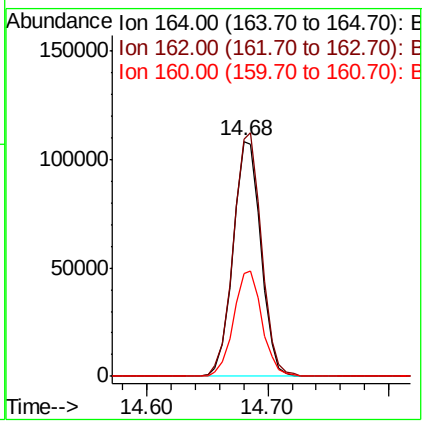


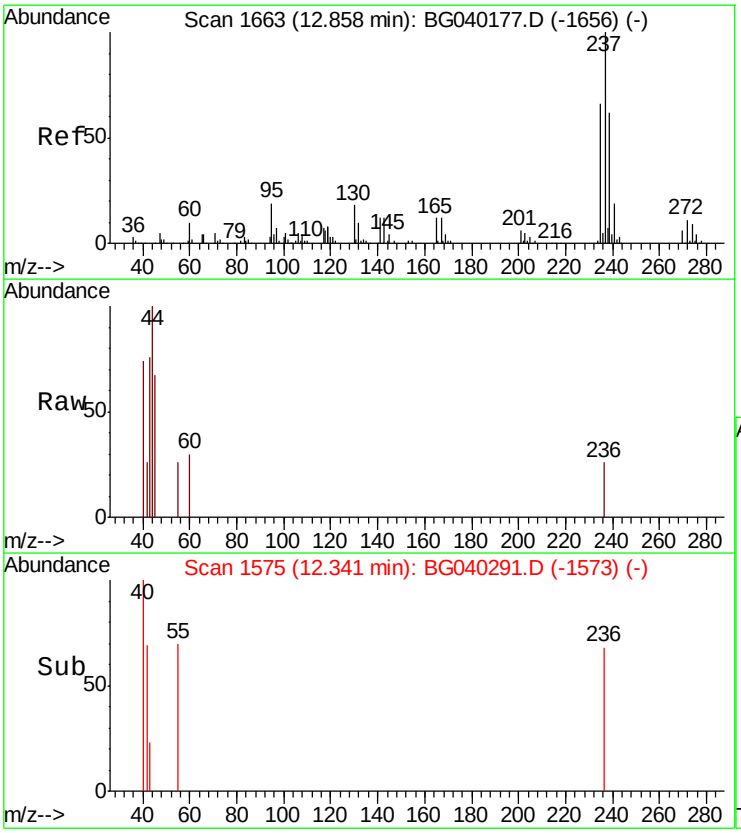
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:164 Resp: 173396

Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.4	116.2
160	43.8	35.3	52.9

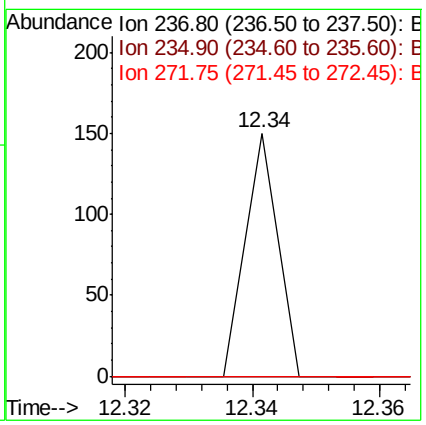


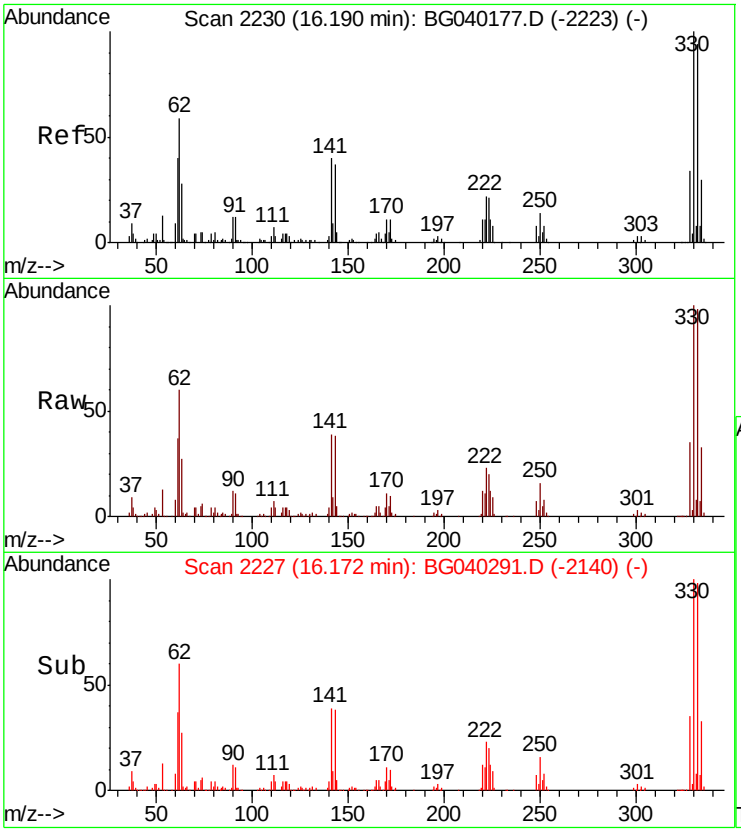


#41
Hexachlorocyclopentadiene
Concen: 0.018 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.52 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:237 Resp: 53

Ion	Ratio	Lower	Upper
237	100		
235	0.0	46.2	86.2#
272	0.0	0.0	30.5



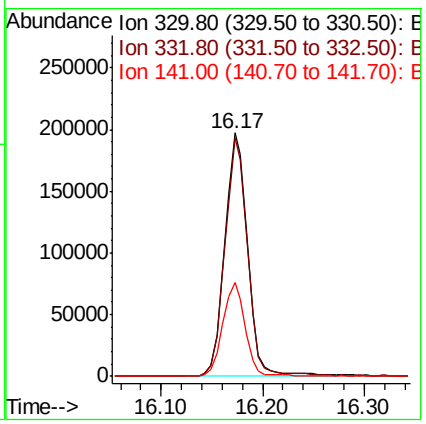


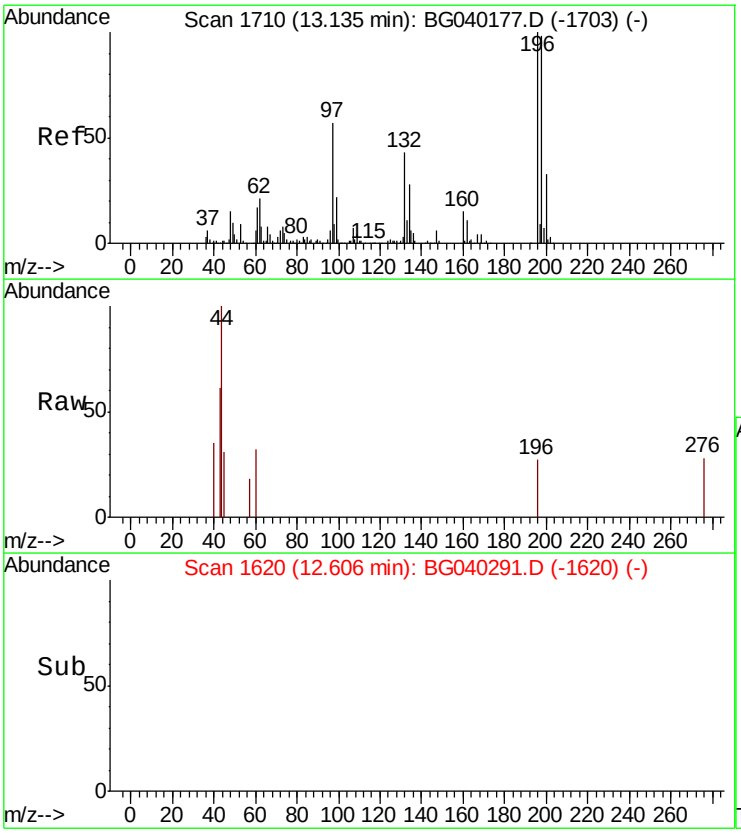
#42
2,4,6-Tribromophenol
Concen: 163.824 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:330 Resp: 306999

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.1	32.6	48.8

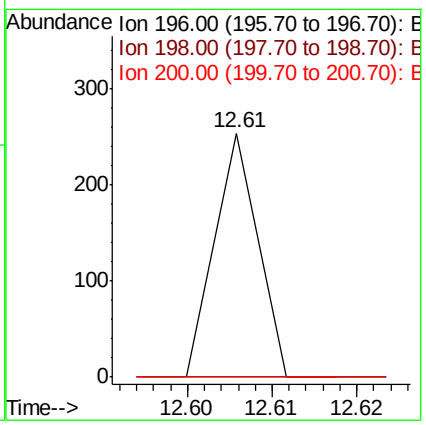


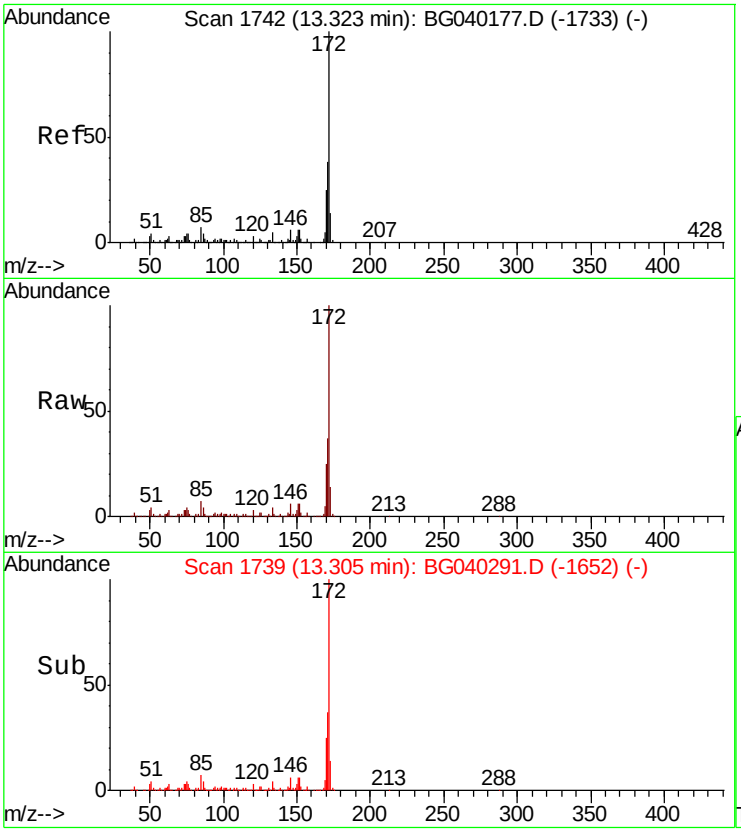


#43
2,4,6-Trichlorophenol
Concen: 0.025 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.53 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:196 Resp: 89

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.3	117.5#
200	0.0	26.0	39.0#



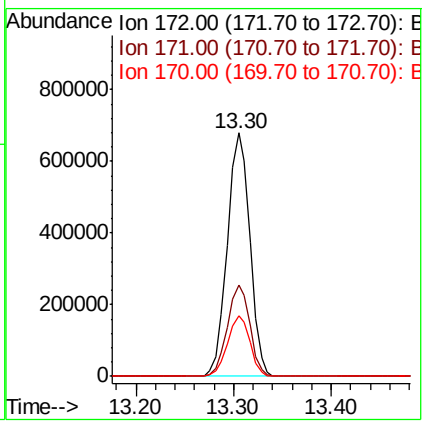


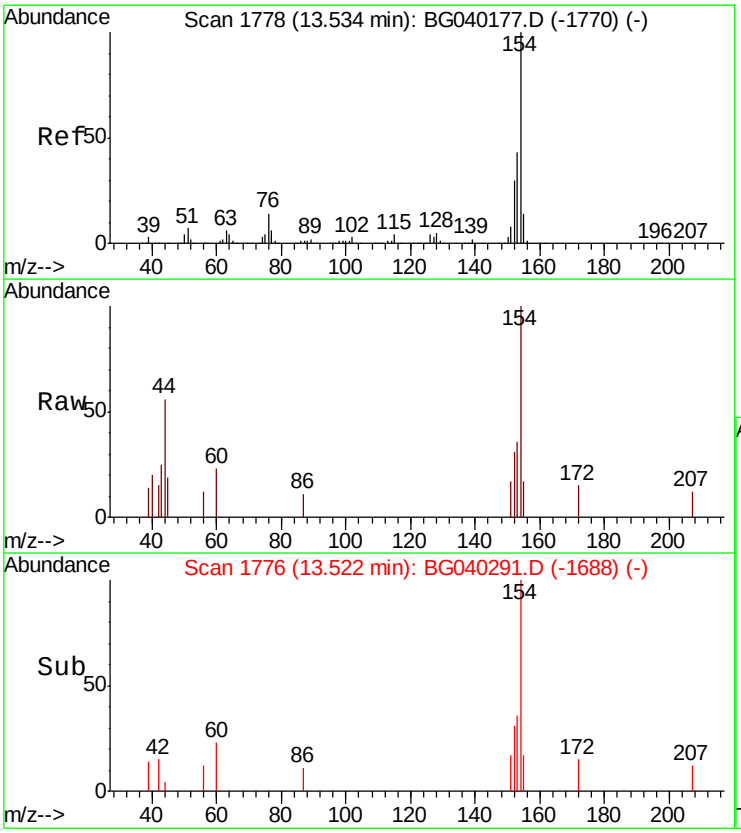
#45
2-Fluorobiphenyl
Concen: 92.790 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:172 Resp: 1085832

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.0	20.1	30.1

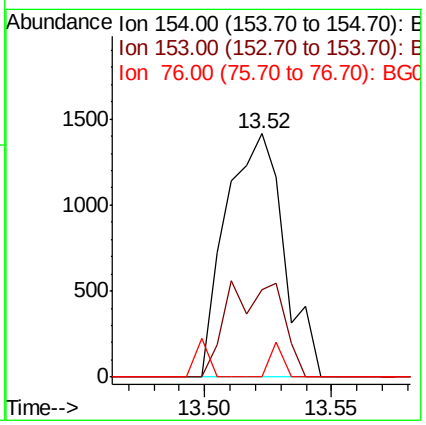


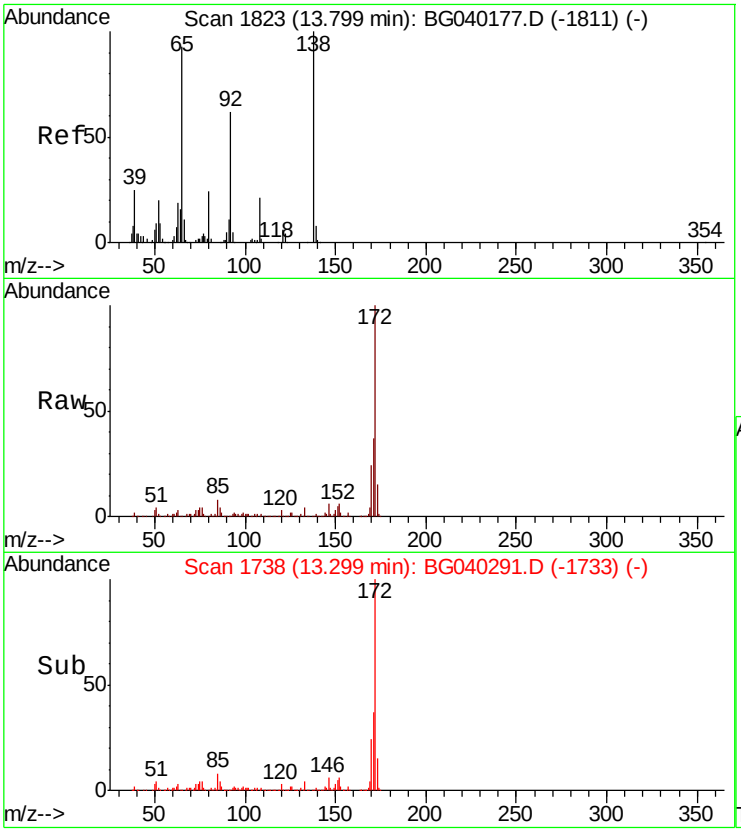


#46
1,1'-Biphenyl
Concen: 0.165 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:154 Resp: 2254

Ion	Ratio	Lower	Upper
154	100		
153	35.8	22.5	62.5
76	0.0	0.0	33.7



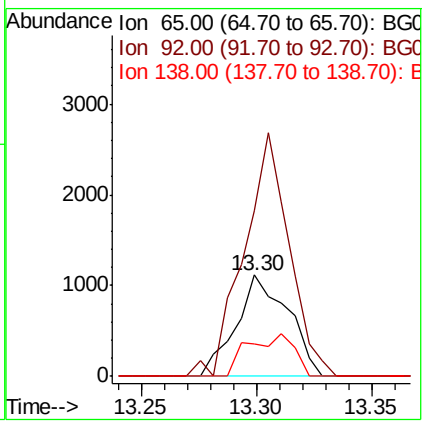


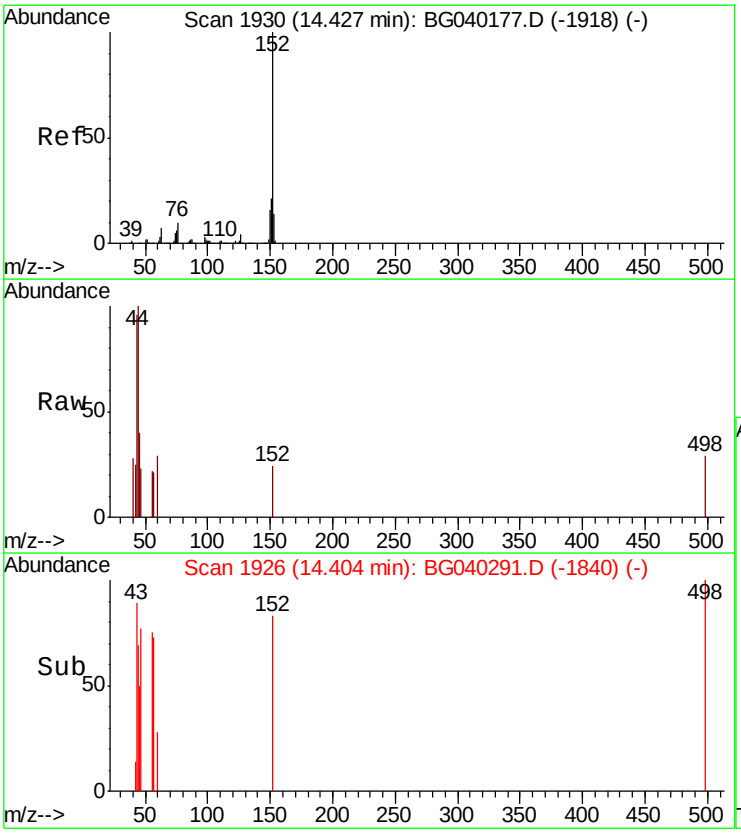
#48
2-Nitroaniline
Concen: 0.493 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.50 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion: 65 Resp: 1746

Ion	Ratio	Lower	Upper
65	100		
92	164.2	53.8	80.6#
138	32.2	86.3	129.5#

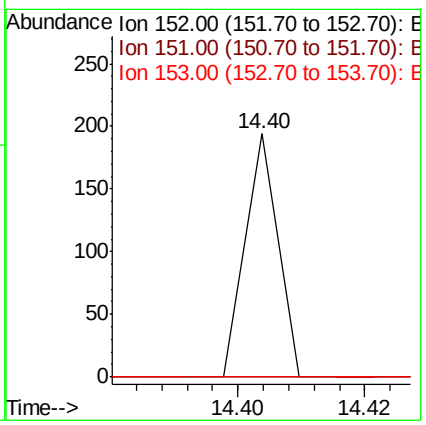


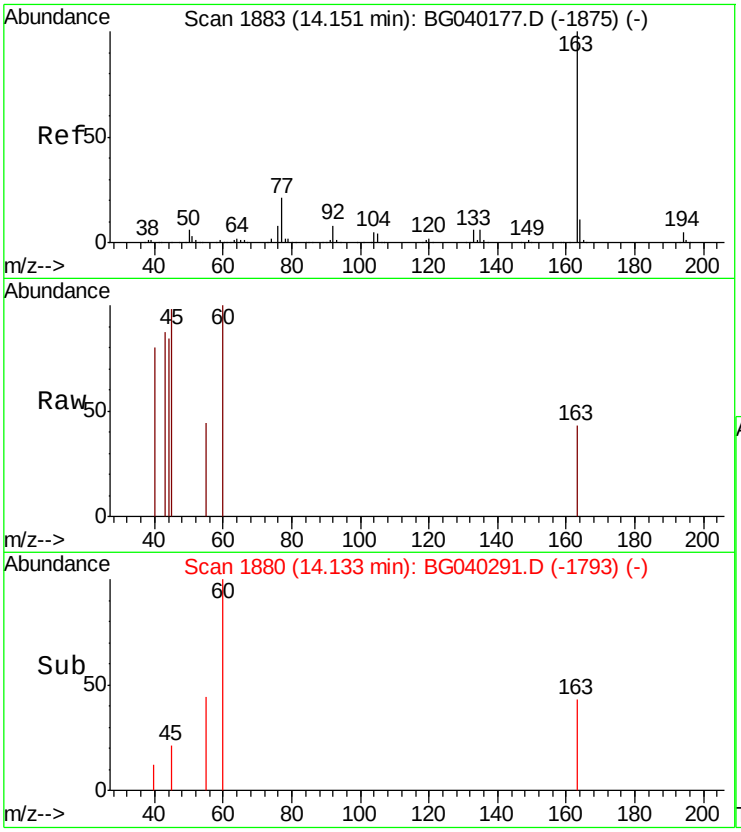


#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	10.8	16.2#



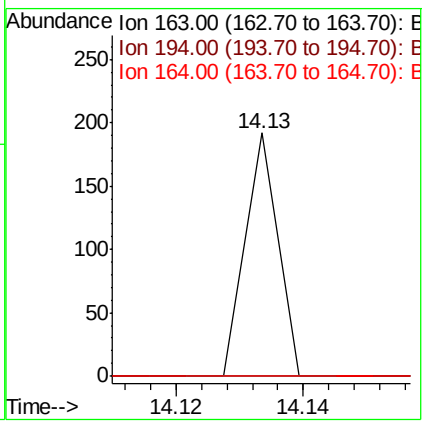


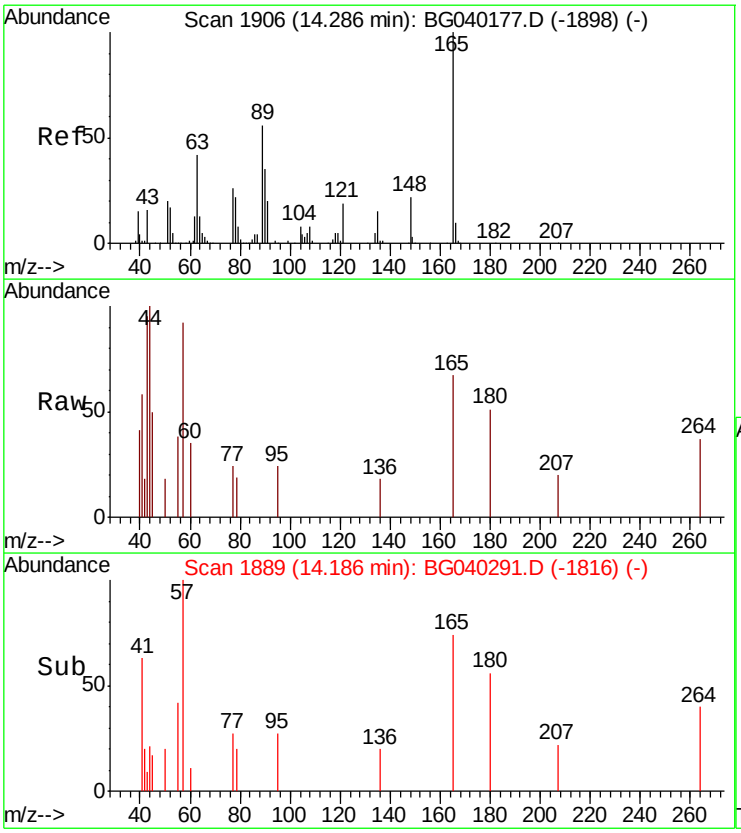
#50
Dimethylphthalate
Concen: 0.005 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:163 Resp: 68

Ion	Ratio	Lower	Upper
163	100		
194	0.0	4.1	6.1#
164	0.0	8.6	13.0#

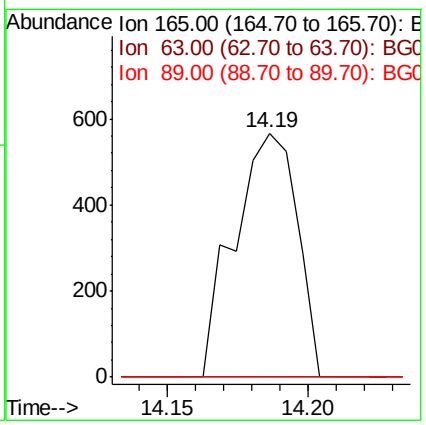


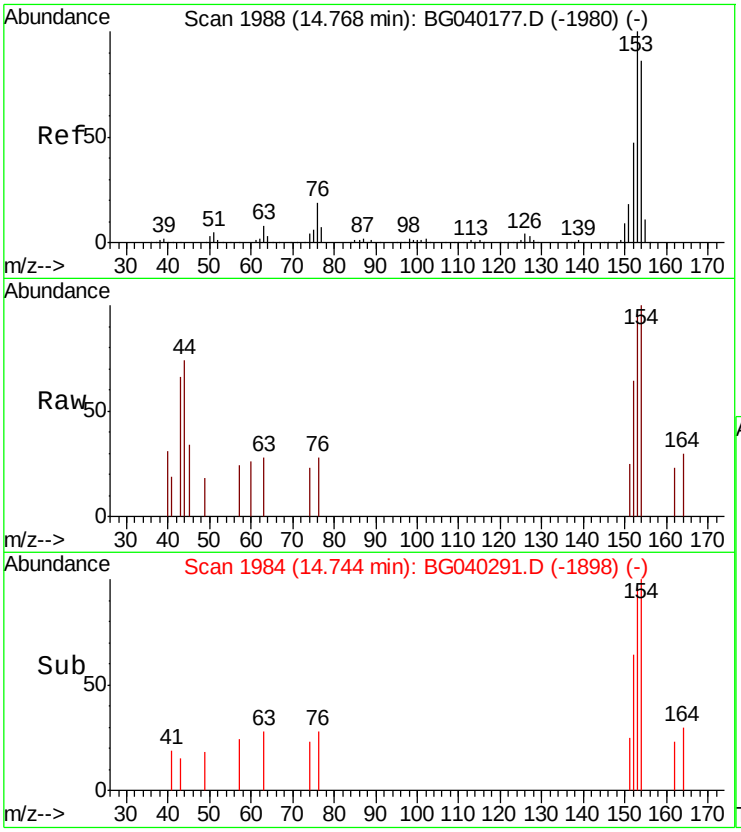


#51
2,6-Dinitrotoluene
Concen: 0.287 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.10 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:165 Resp: 875

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.9	67.3#



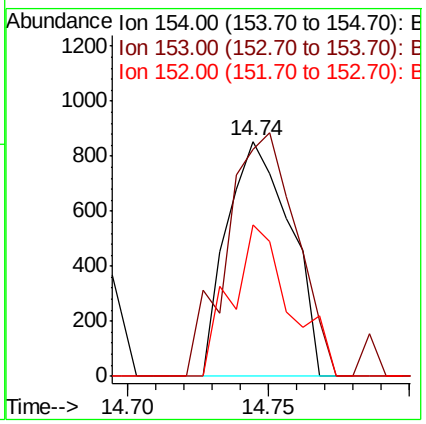


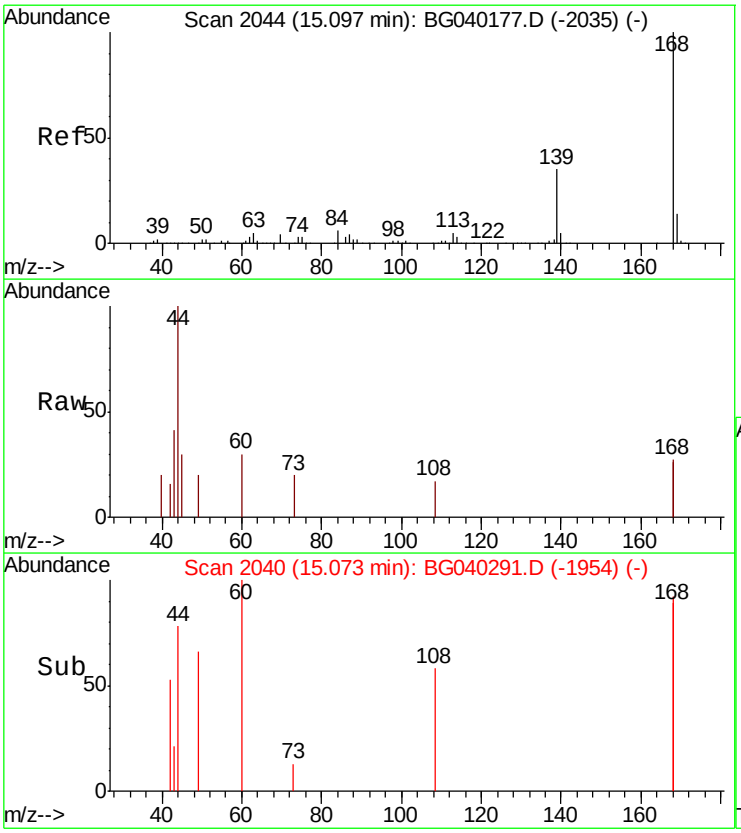
#52
Acenaphthene
Concen: 0.130 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:154 Resp: 1323

Ion	Ratio	Lower	Upper
154	100		
153	96.3	92.8	139.2
152	64.2	43.4	65.2

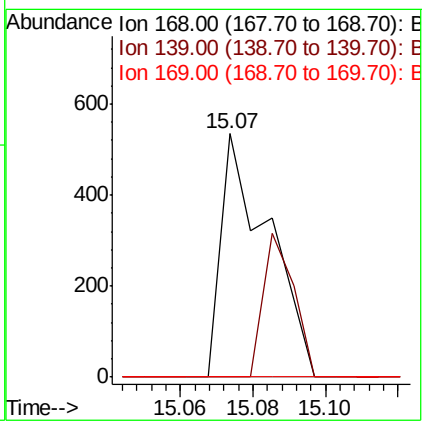


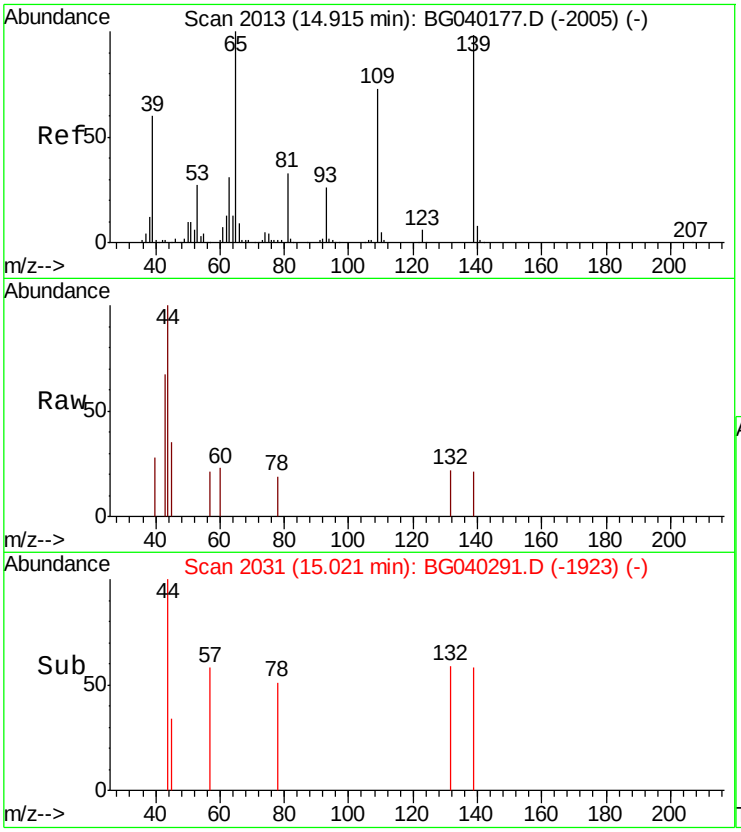


#55
Dibenzofuran
Concen: 0.030 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:168 Resp: 486

Ion	Ratio	Lower	Upper
168	100		
139	0.0	27.9	41.9#
169	0.0	11.3	16.9#



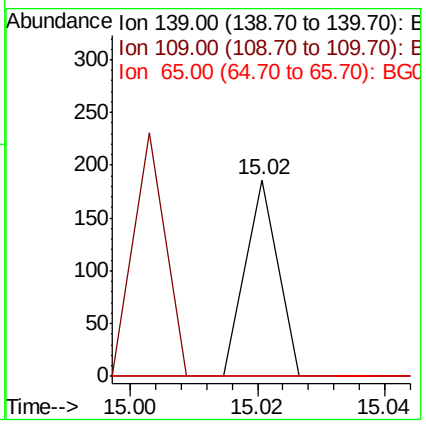


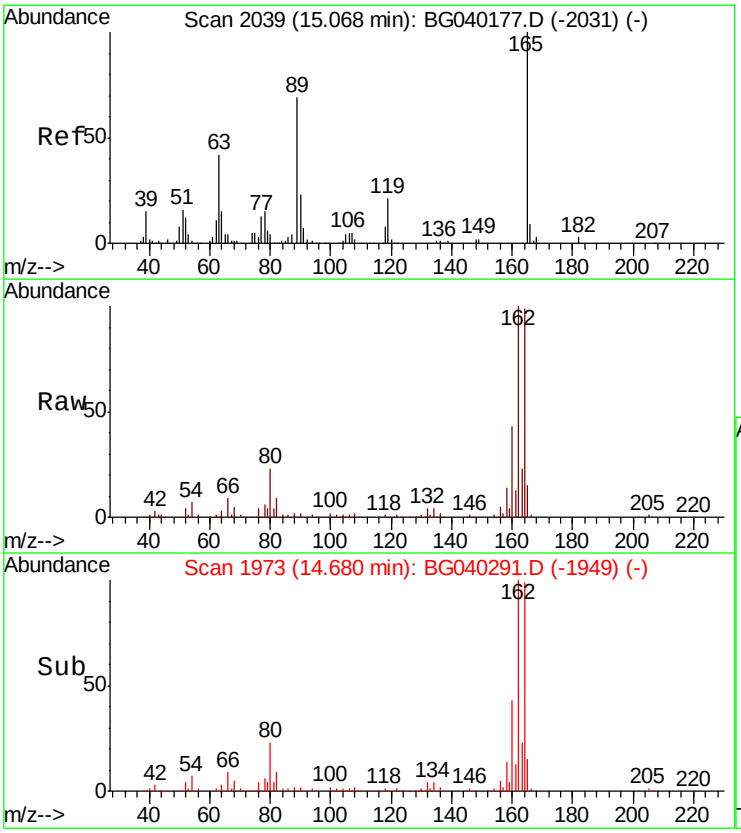
#56
4-Nitrophenol
Concen: 0.025 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.11 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:139 Resp: 66

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.3	94.3#
65	0.0	82.5	122.5#

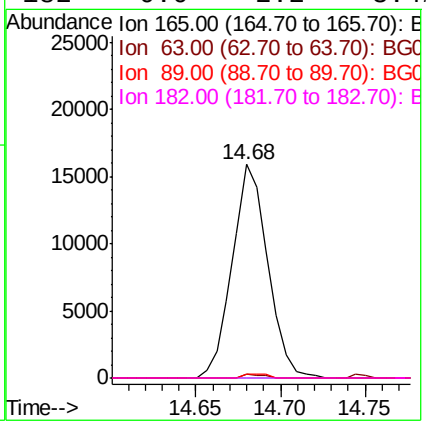


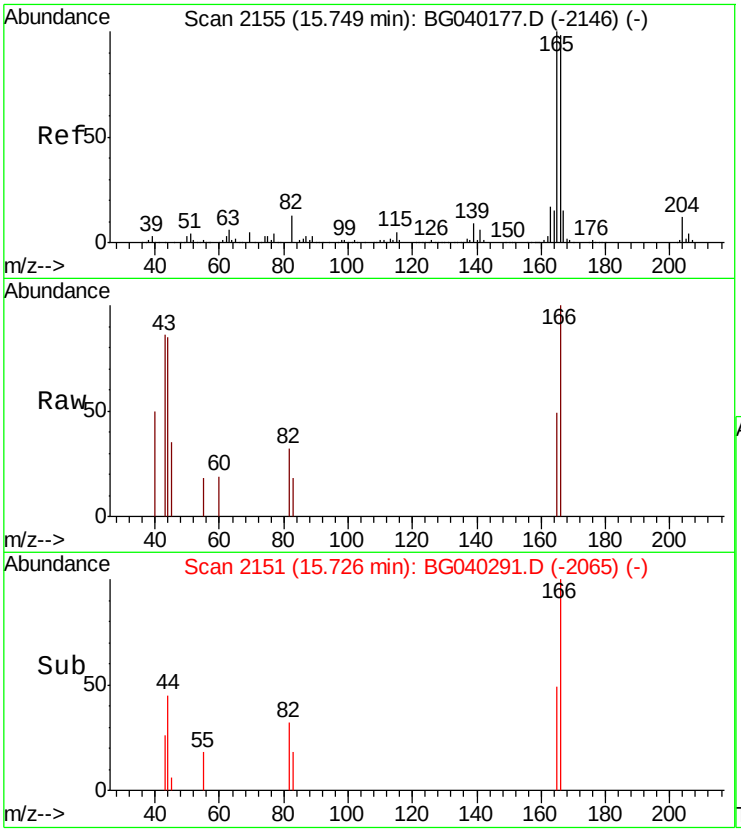


#57
2,4-Dinitrotoluene
Concen: 5.496 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:165 Resp: 23271

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.6#
89	1.7	55.4	83.2#
182	0.0	2.2	3.4#



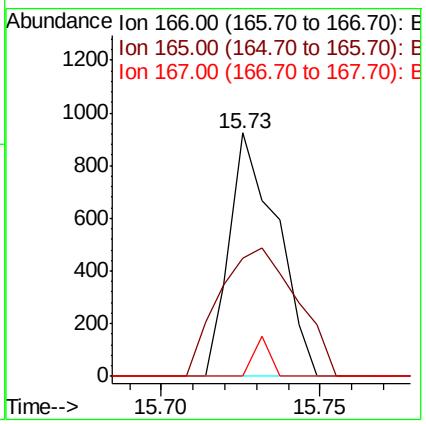


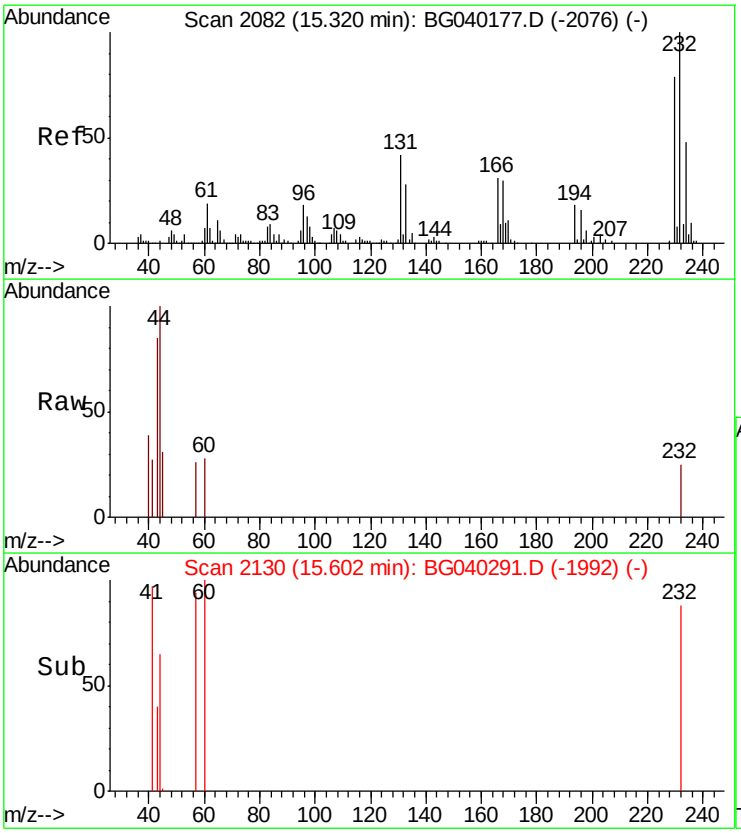
#58
Fluorene
Concen: 0.075 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:166 Resp: 962

Ion	Ratio	Lower	Upper
166	100		
165	48.7	81.7	122.5#
167	0.0	11.9	17.9#

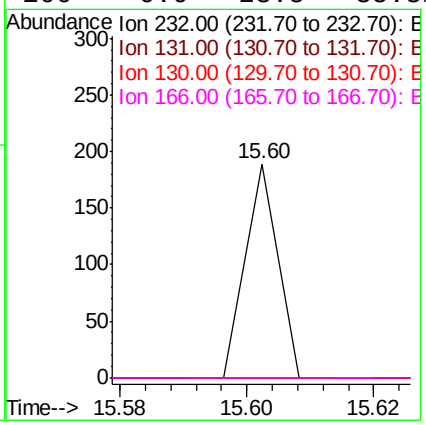


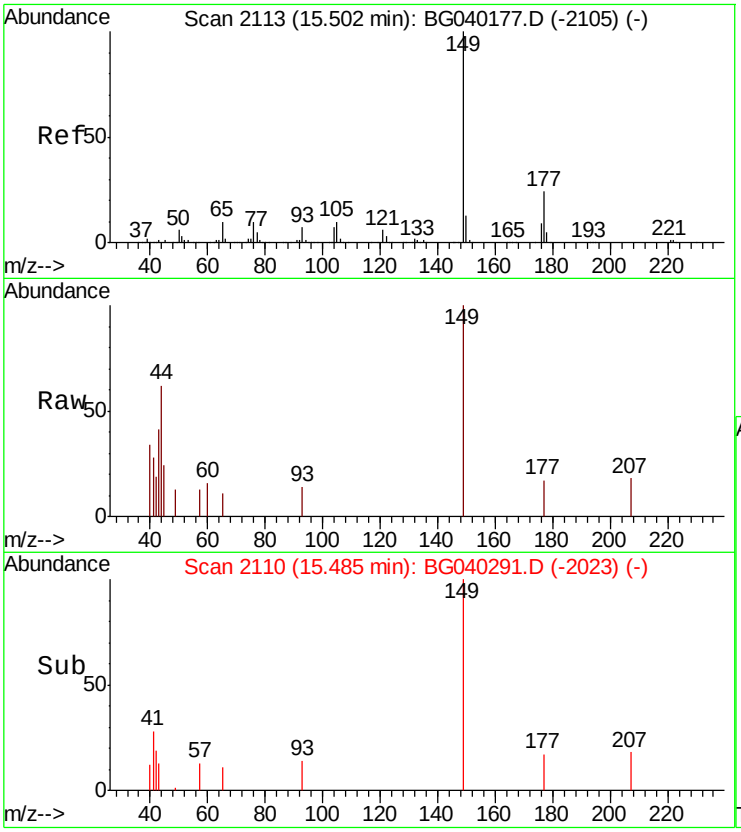


#59
2,3,4,6-Tetrachlorophenol
Concen: 0.019 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.28 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:232 Resp: 67

Ion	Ratio	Lower	Upper
232	100		
131	0.0	32.9	49.3#
130	0.0	1.8	2.8#
166	0.0	23.5	35.3#



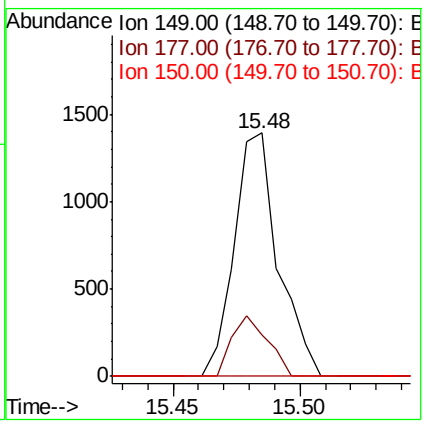


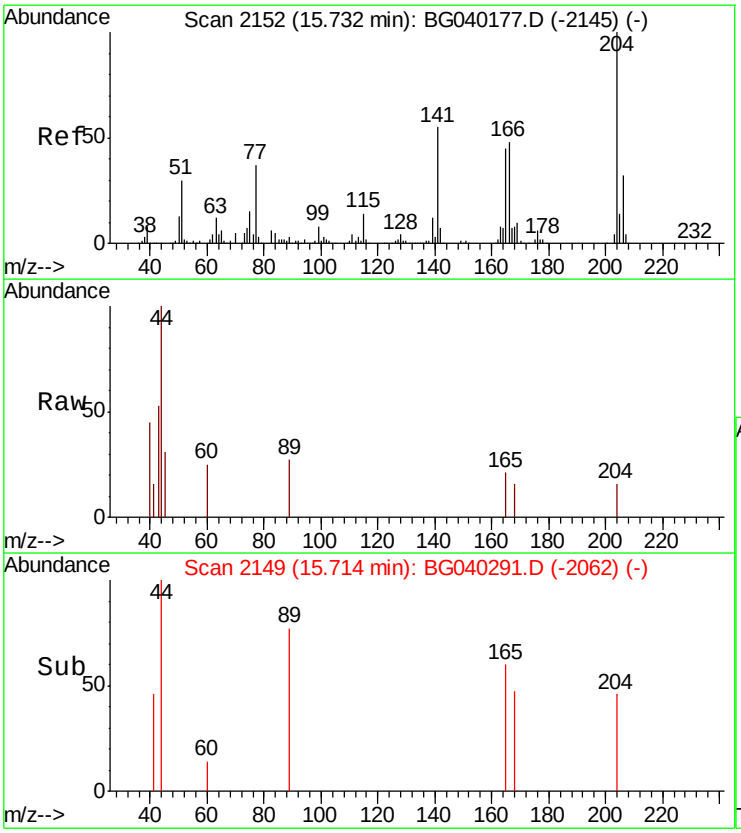
#60
Diethylphthalate
Concen: 0.121 ng
RT: 15.48 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:149 Resp: 1681

Ion	Ratio	Lower	Upper
149	100		
177	16.9	19.1	28.7#
150	0.0	10.6	15.8#

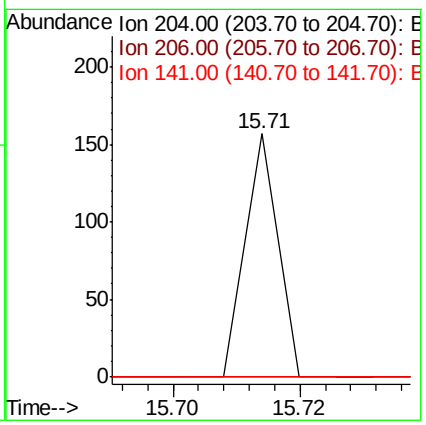


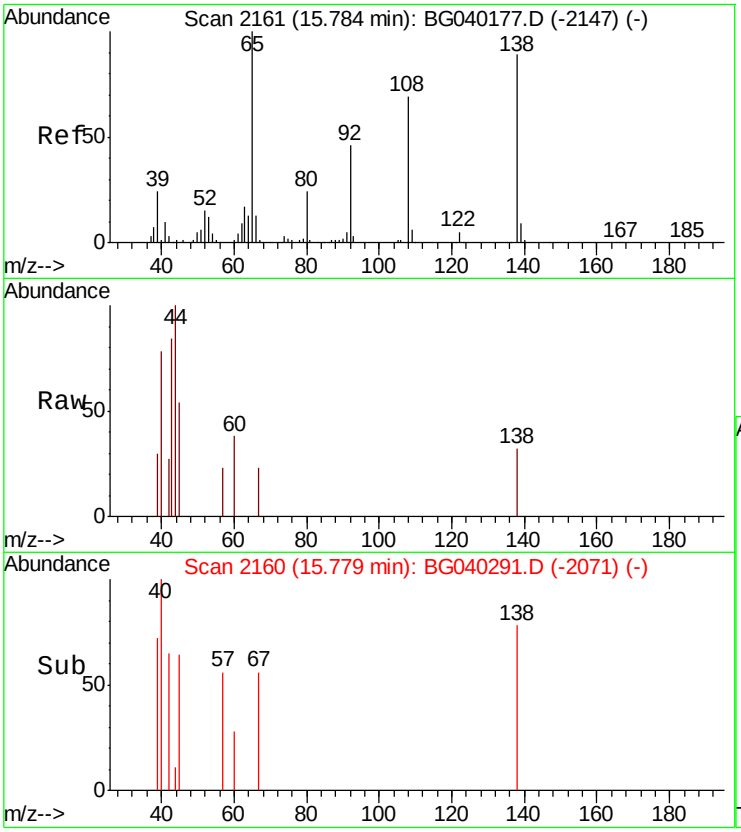


#61
4-Chlorophenyl-phenylether
Concen: 0.008 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:204 Resp: 55

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	0.0	44.0	66.0#



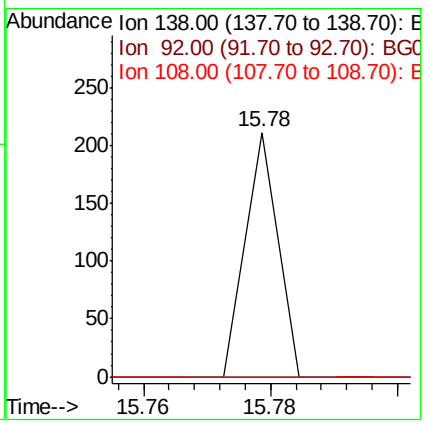


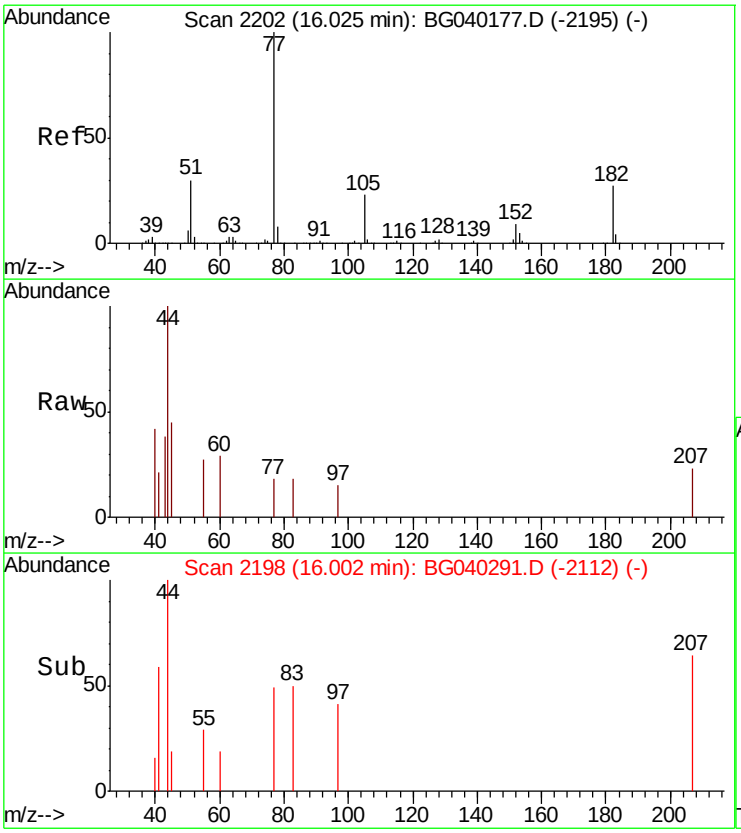
#62
4-Nitroaniline
Concen: 0.021 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:138 Resp: 74

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.8	71.8#
108	0.0	57.2	97.2#

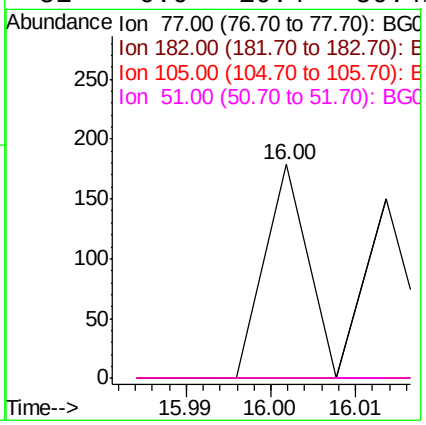


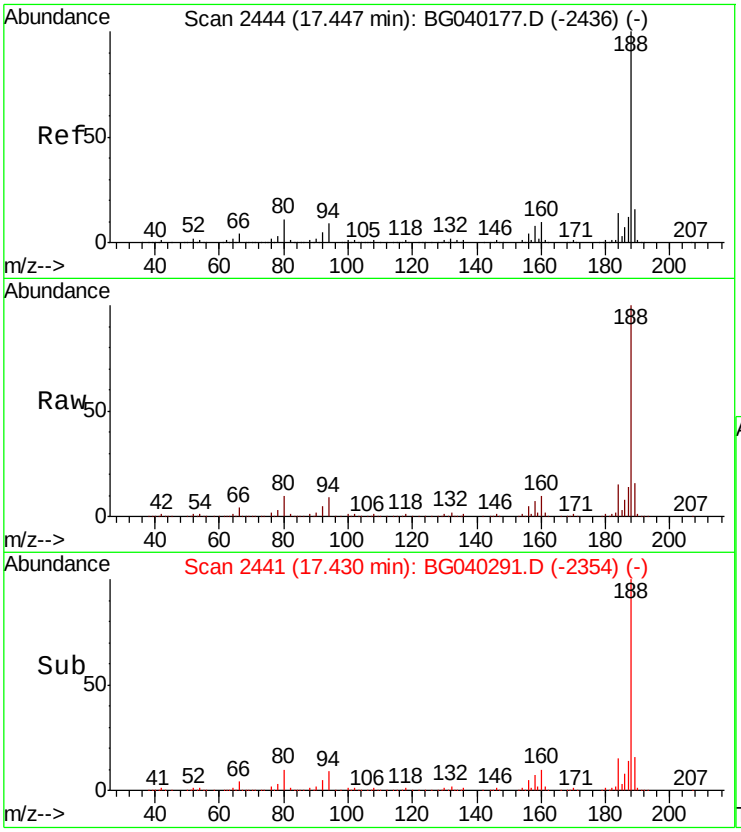


#63
Azobenzene
Concen: 0.005 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion: 77 Resp: 63

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.2	47.2#
105	0.0	2.8	42.8#
51	0.0	10.4	50.4#



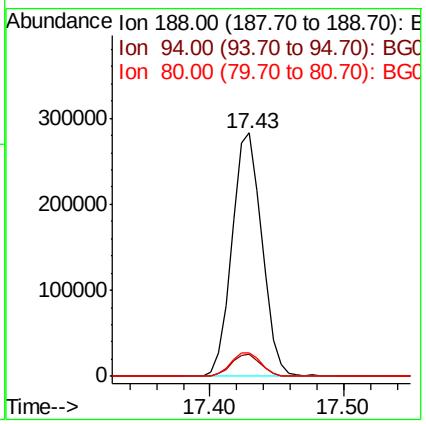


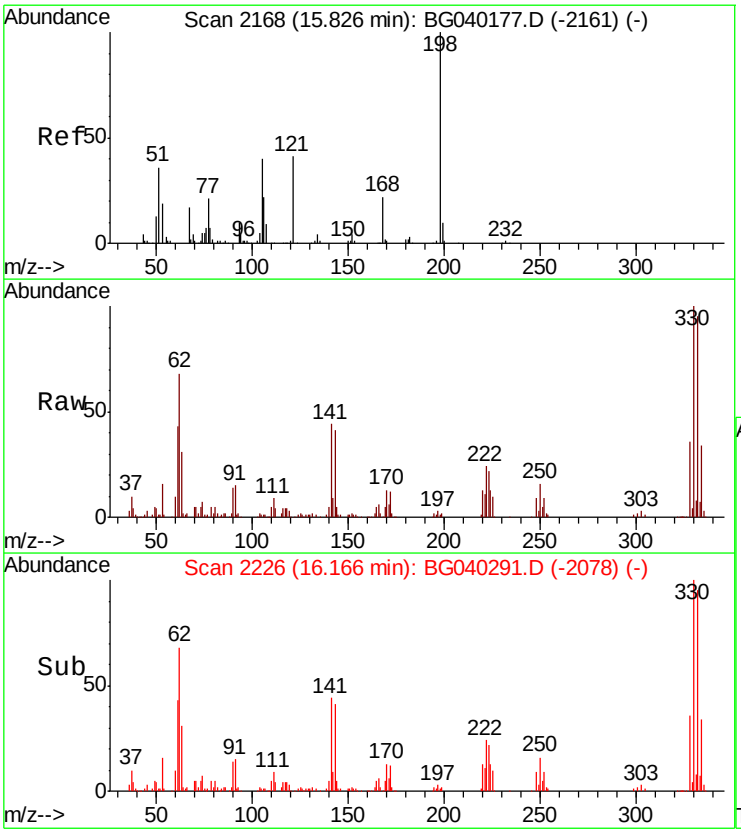
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:188 Resp: 440499

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.9	8.6	13.0

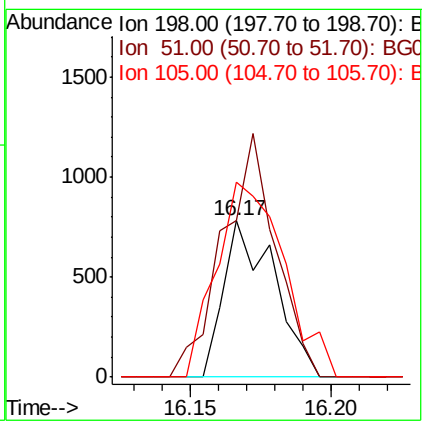


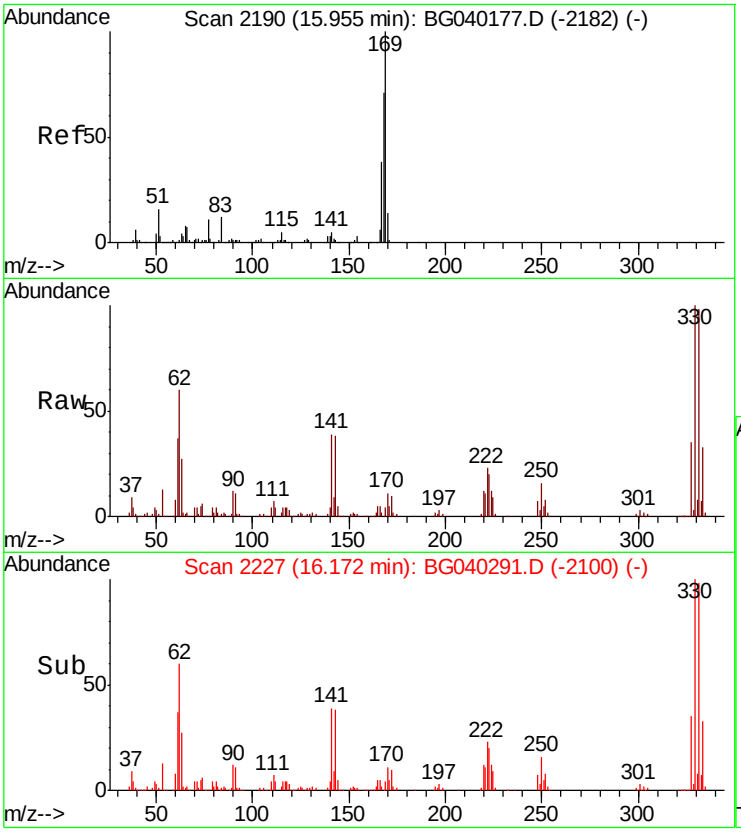


#65
4,6-Dinitro-2-methylphenol
Concen: 0.391 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.34 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:198 Resp: 968

Ion	Ratio	Lower	Upper
198	100		
51	100.4	27.3	67.3#
105	124.7	21.7	61.7#



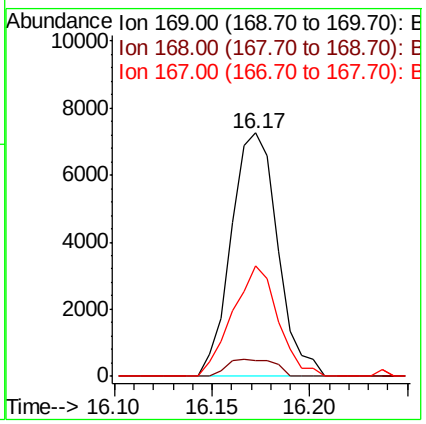


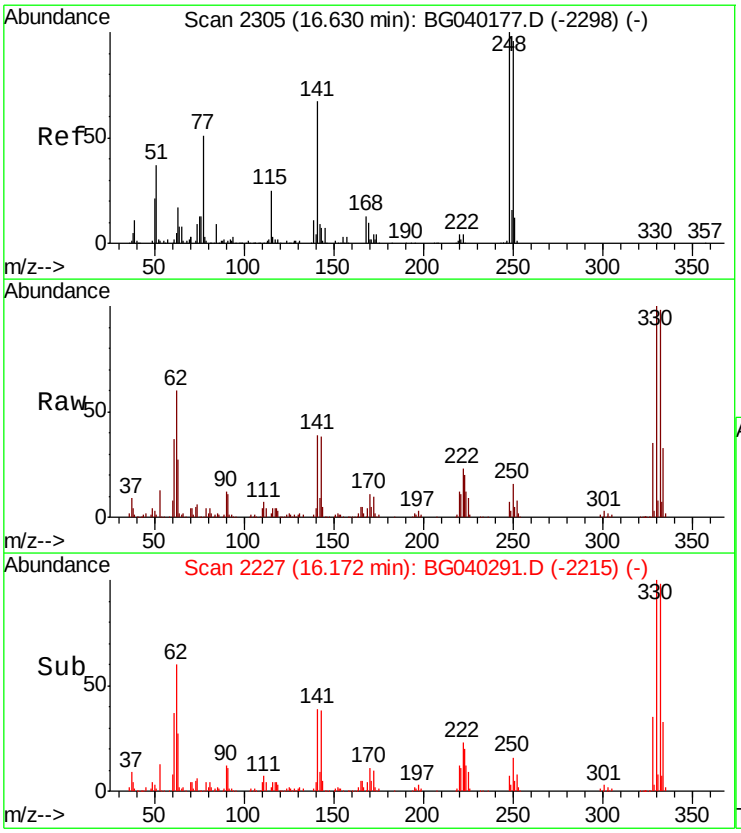
#66
n-Nitrosodiphenylamine
Concen: 0.927 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.22 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:169 Resp: 11948

Ion	Ratio	Lower	Upper
169	100		
168	6.3	56.8	85.2#
167	45.3	30.2	45.4

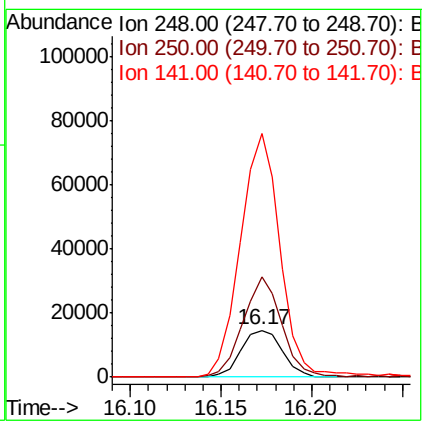


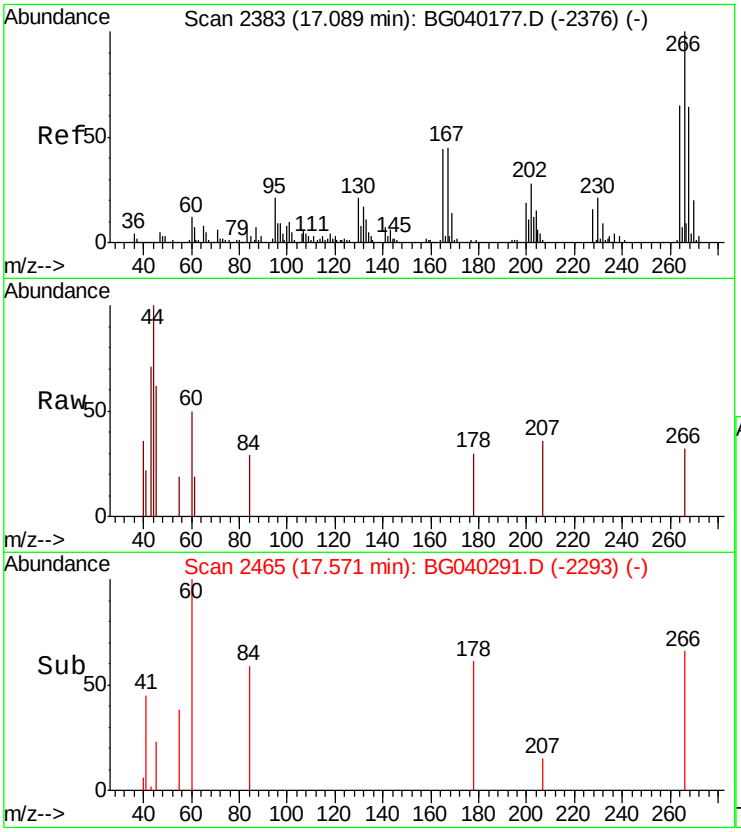


#67
4-Bromophenyl-phenylether
Concen: 4.709 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:248 Resp: 23342

Ion	Ratio	Lower	Upper
248	100		
250	213.8	76.4	114.6#
141	521.6	53.8	80.8#



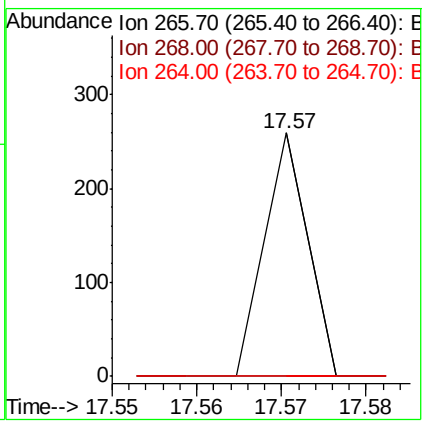


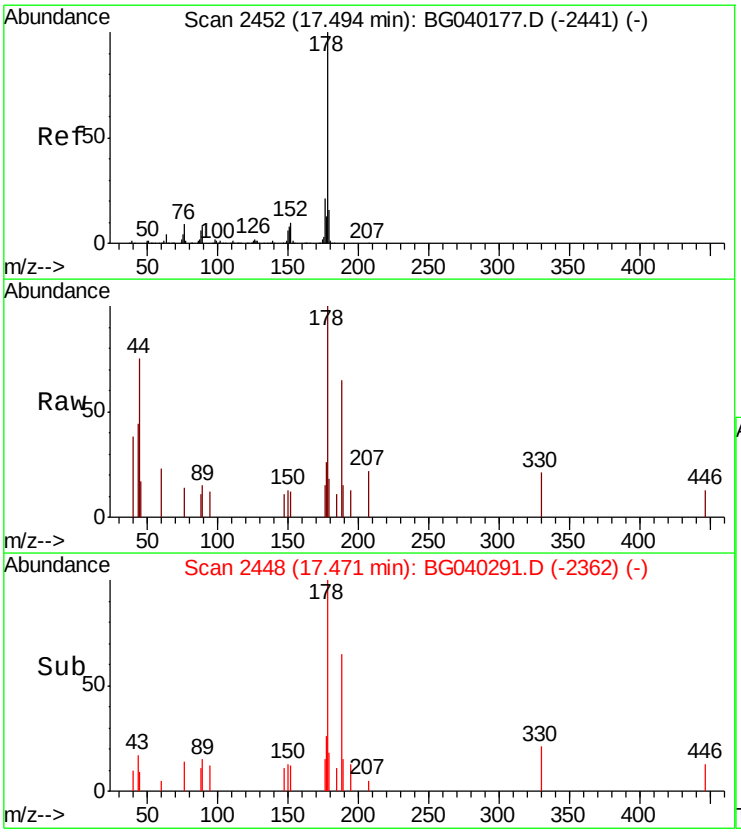
#70
Pentachlorophenol
Concen: 0.032 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.48 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.0	82.4#
264	0.0	51.8	77.8#

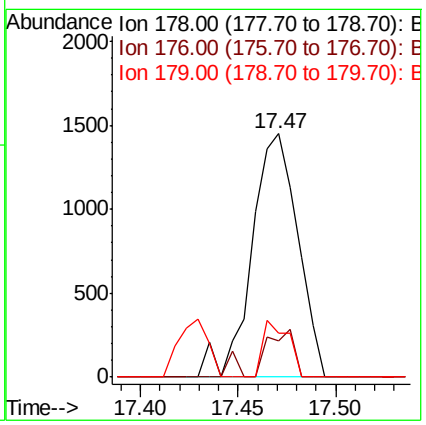


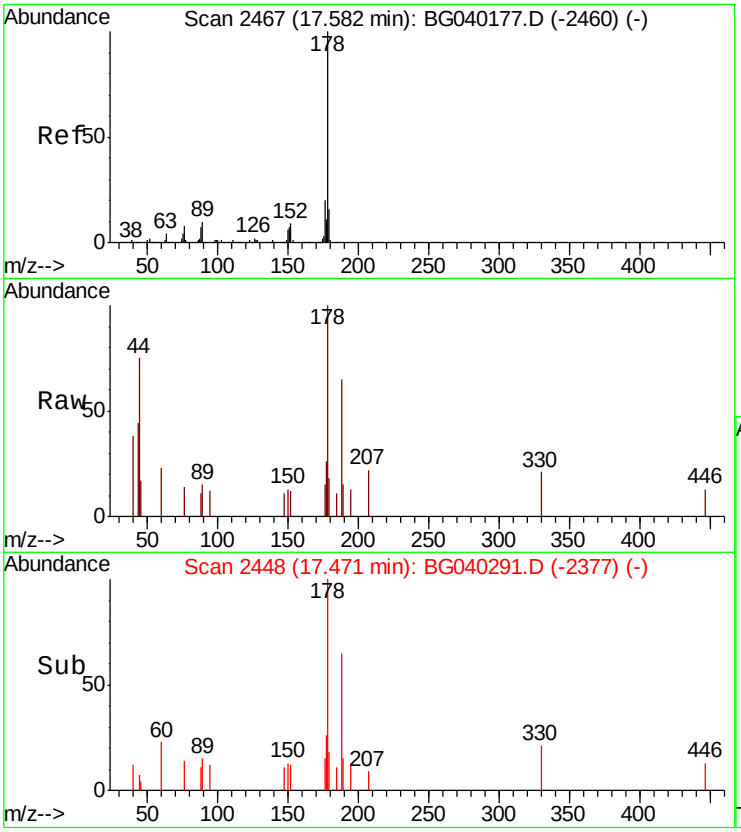


#71
Phenanthrene
Concen: 0.102 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:178 Resp: 2368

Ion	Ratio	Lower	Upper
178	100		
176	15.0	16.7	25.1#
179	17.8	12.8	19.2



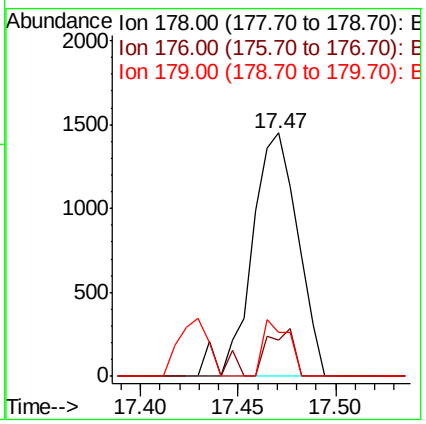


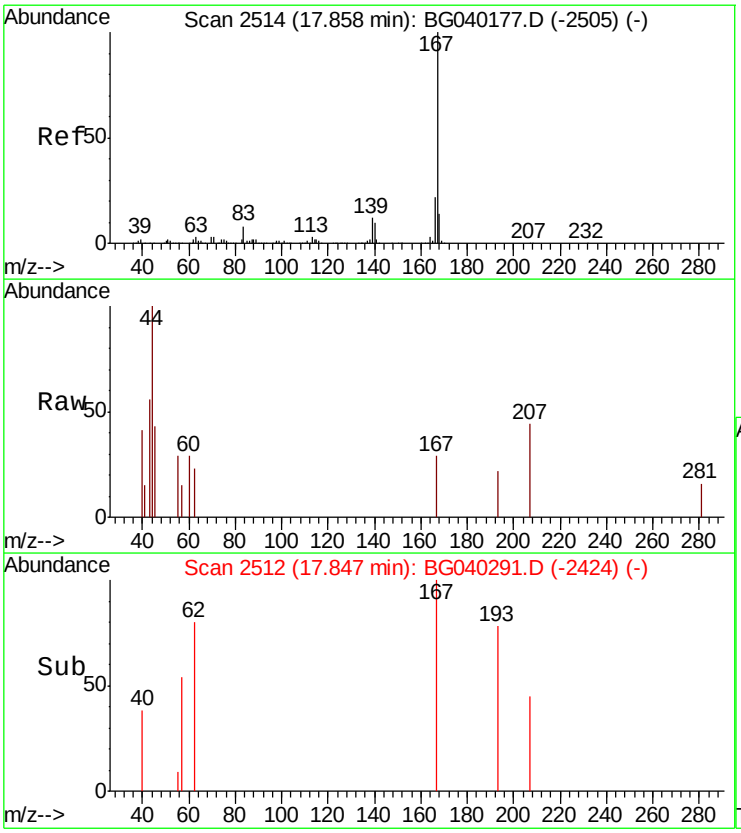
#72
Anthracene
Concen: 0.102 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.11 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:178 Resp: 2368

Ion	Ratio	Lower	Upper
178	100		
176	15.0	15.9	23.9#
179	17.8	12.9	19.3

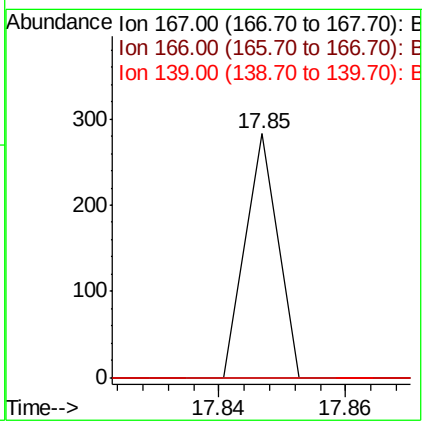


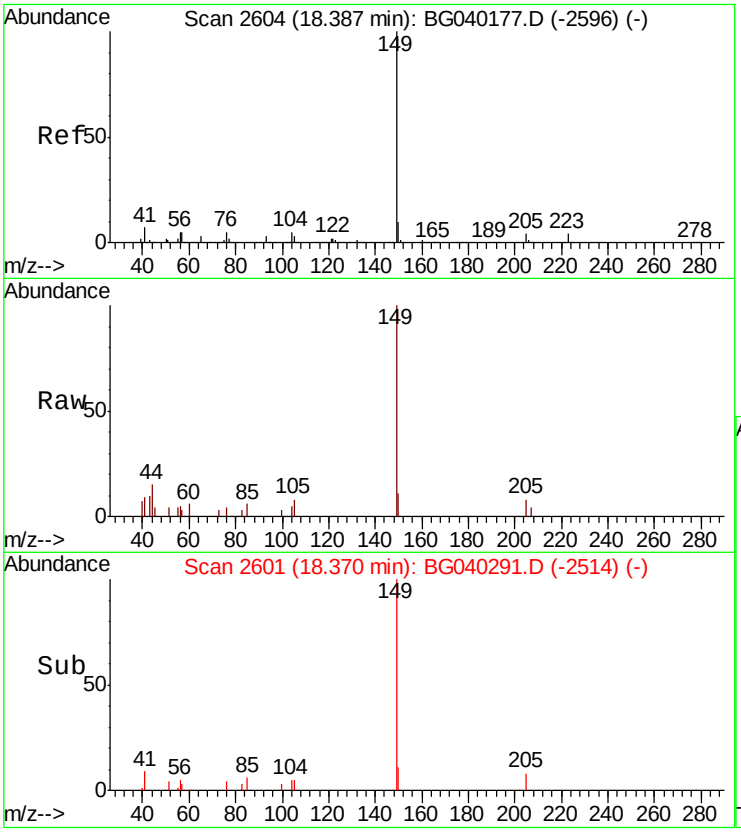


#73
Carbazole
Concen: 0.005 ng
RT: 17.85 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:167 Resp: 100

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.5	26.3#
139	0.0	10.0	15.0#



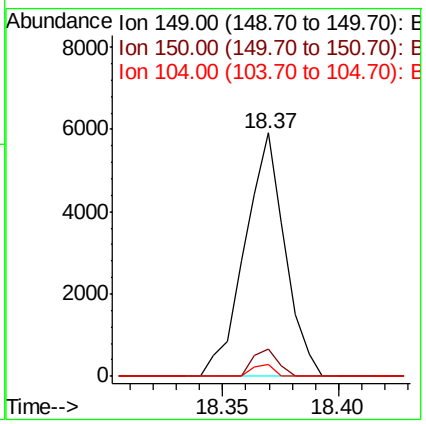


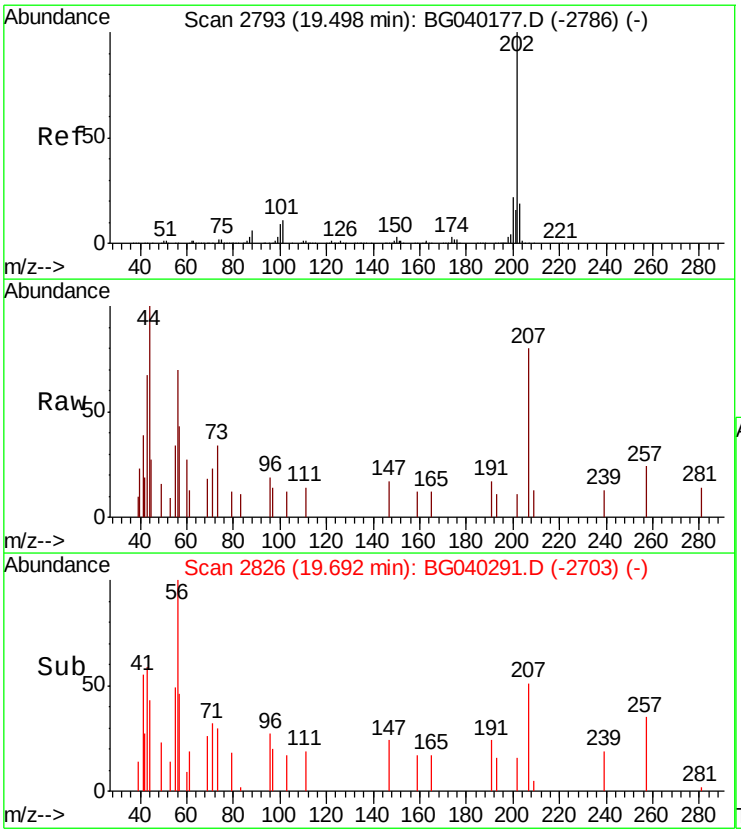
#74
Di-n-butylphthalate
Concen: 0.275 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:149 Resp: 7139

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.9	11.9
104	4.7	4.1	6.1

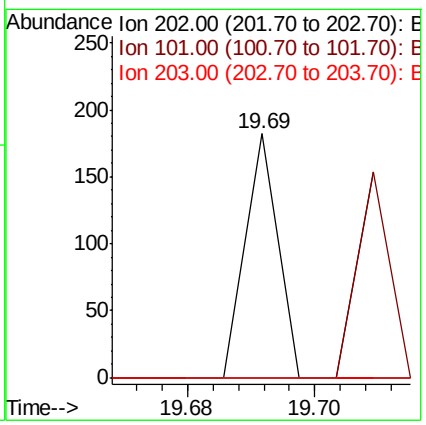


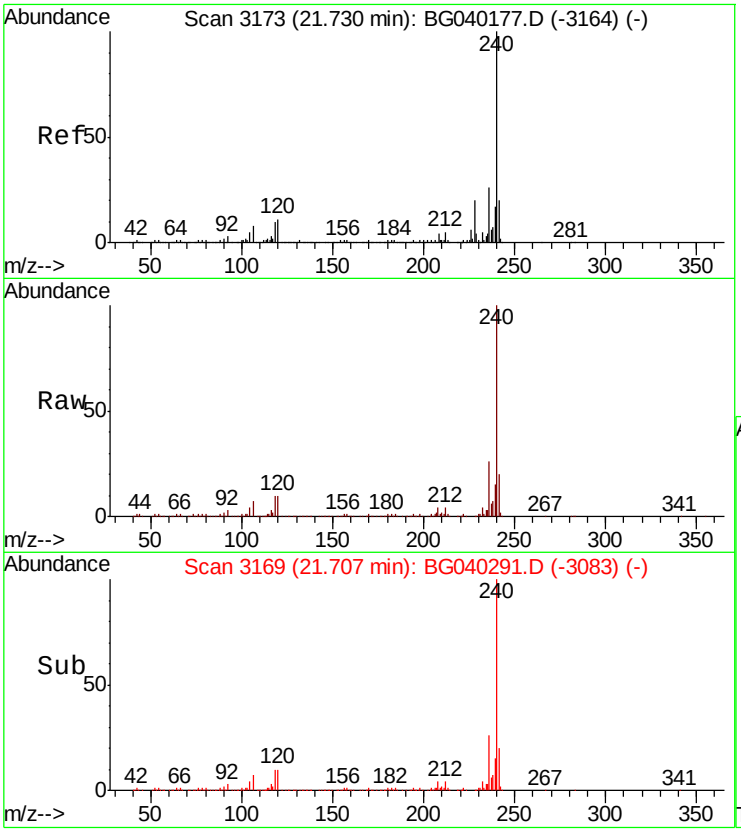


#75
Fluoranthene
Concen: 0.002 ng
RT: 19.69 min Scan# 2826
Delta R.T. 0.19 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:202 Resp: 64

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.8
203	0.0	0.0	38.9



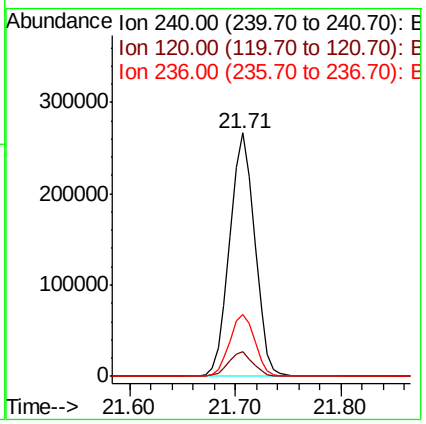


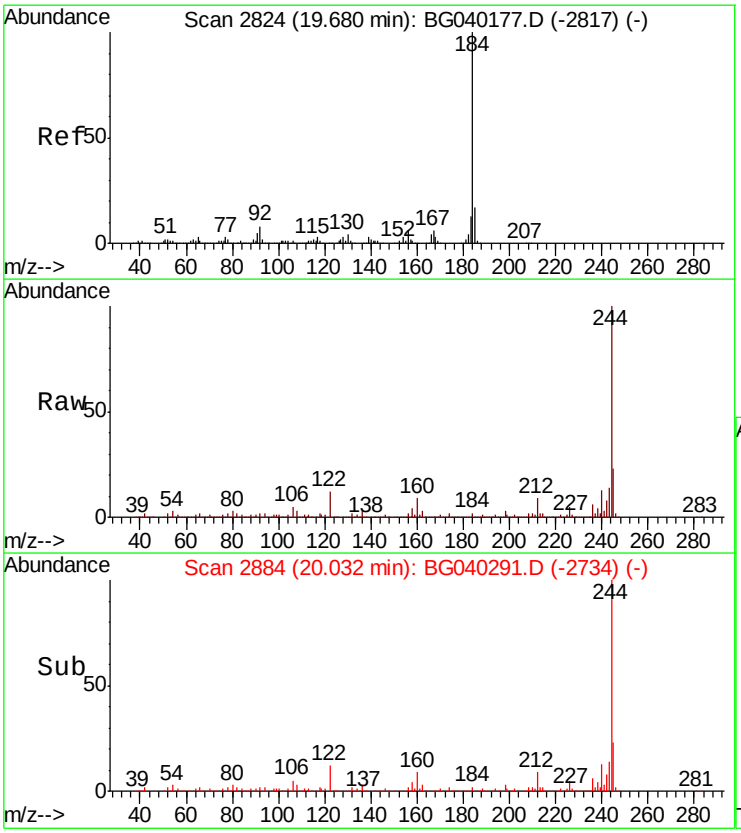
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:240 Resp: 437584

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.6	20.8	31.2

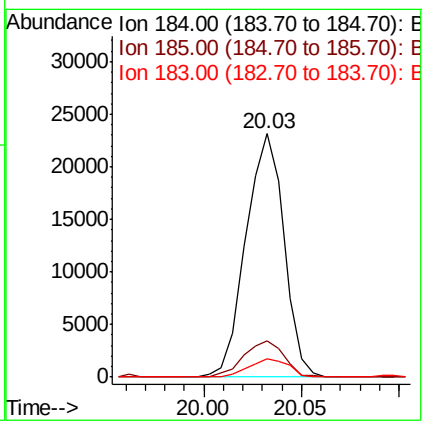


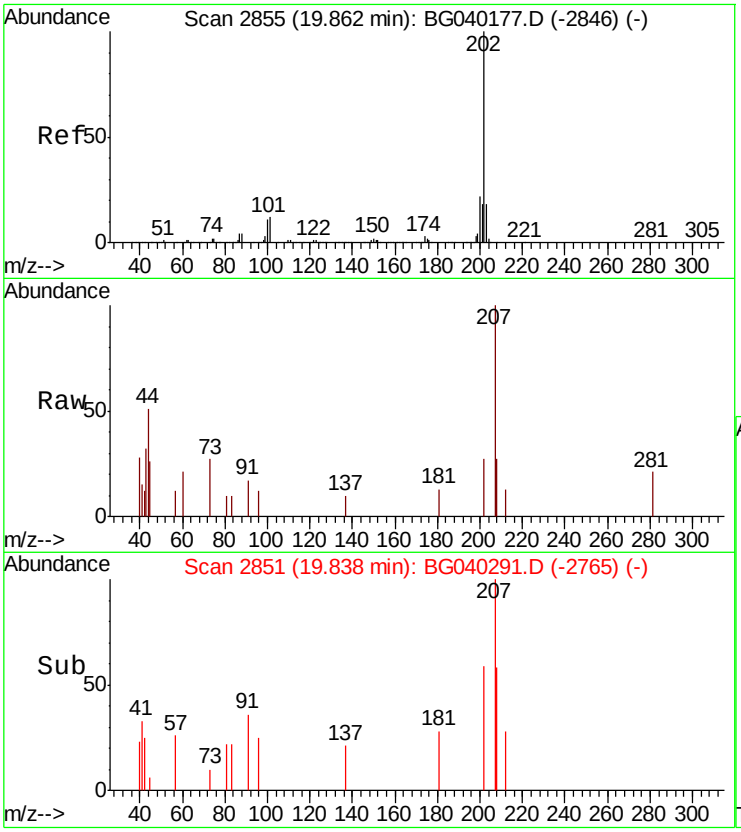


#77
Benzidine
Concen: 1.970 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.35 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:184 Resp: 31124

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.3	19.9
183	7.8	10.3	15.5#



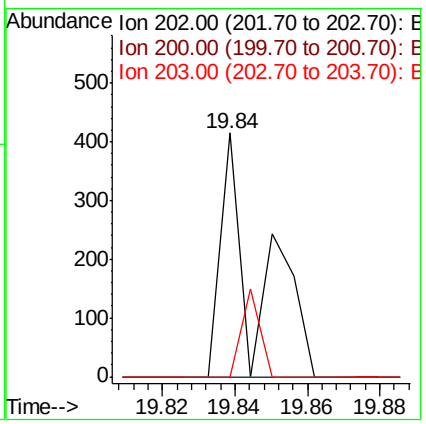


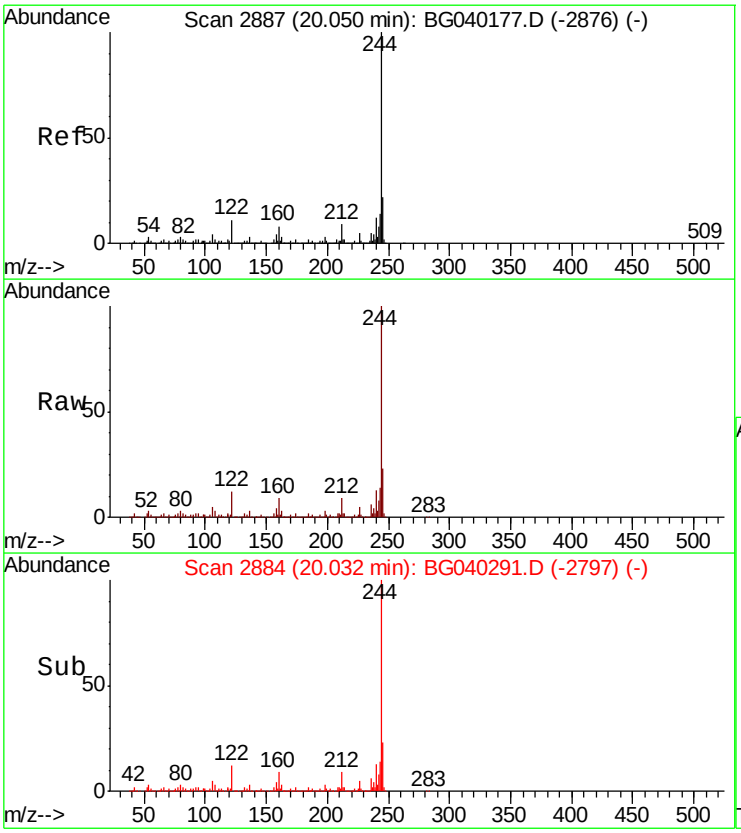
#78
Pyrene
Concen: 0.010 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:202 Resp: 293

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.3	25.9#
203	0.0	14.6	22.0#

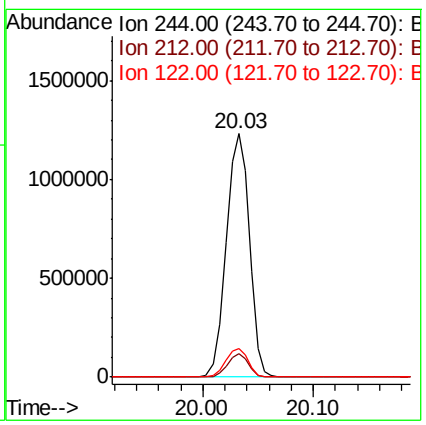


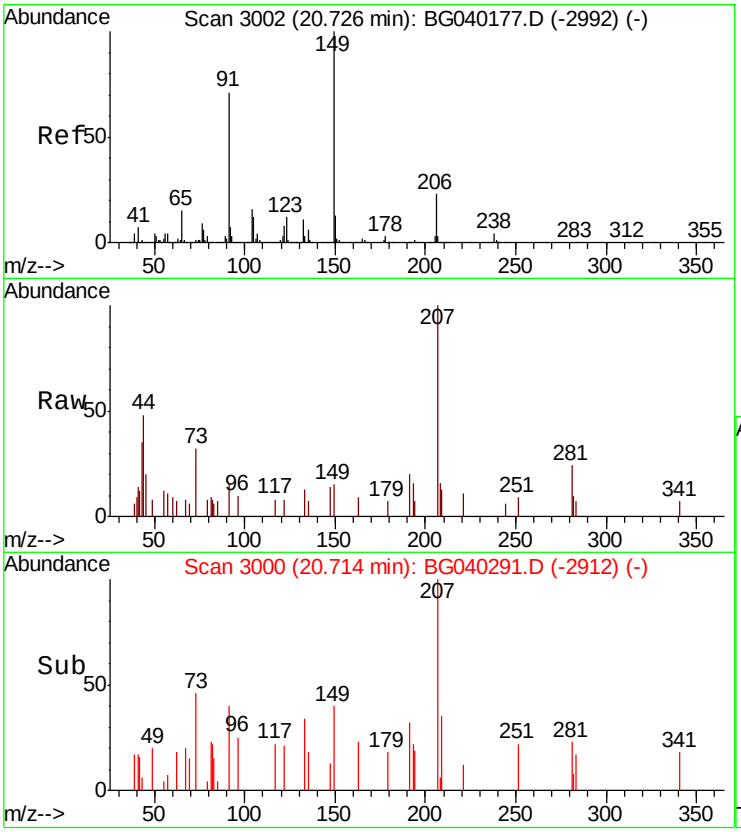


#79
Terphenyl-d14
Concen: 92.891 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:244 Resp: 1806833

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	11.9	8.5	12.7



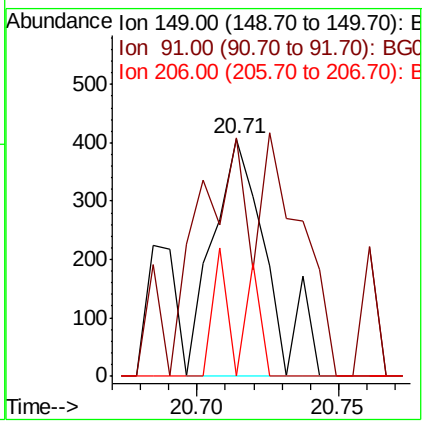


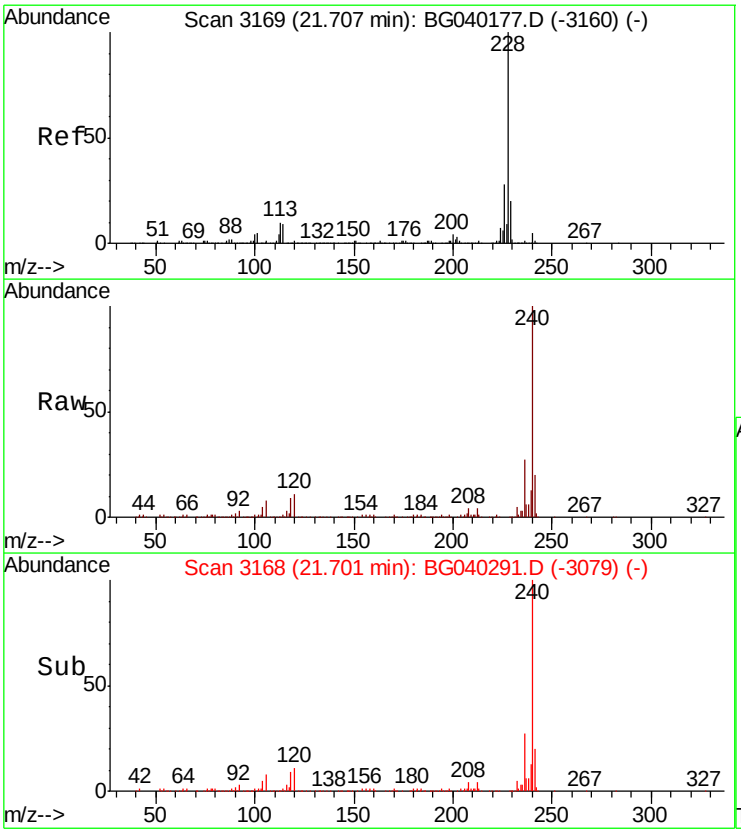
#80
Butylbenzylphthalate
Concen: 0.044 ng
RT: 20.71 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:149 Resp: 541

Ion	Ratio	Lower	Upper
149	100		
91	100.2	57.0	85.4#
206	0.0	18.2	27.4#

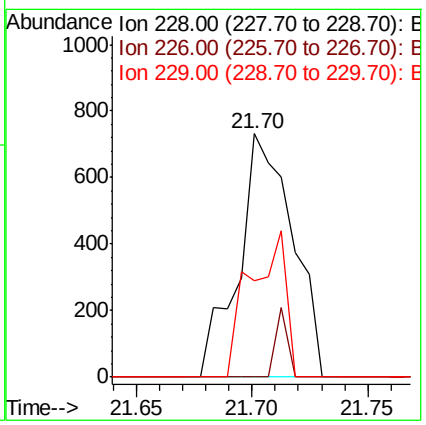


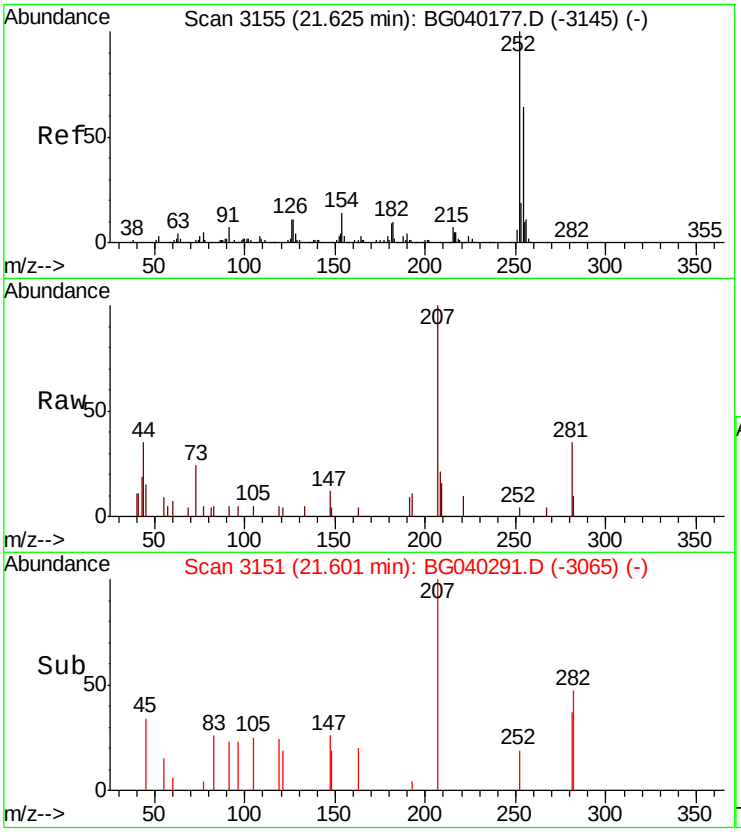


#81
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:228 Resp: 1190

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	34.0#
229	39.3	16.1	24.1#



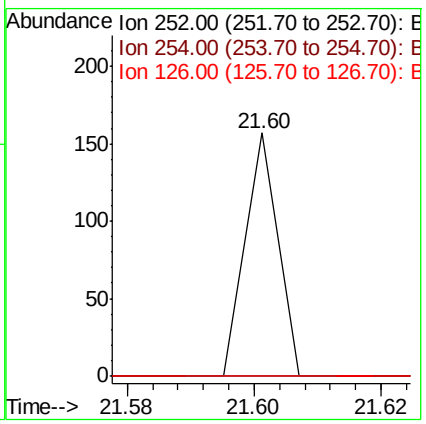


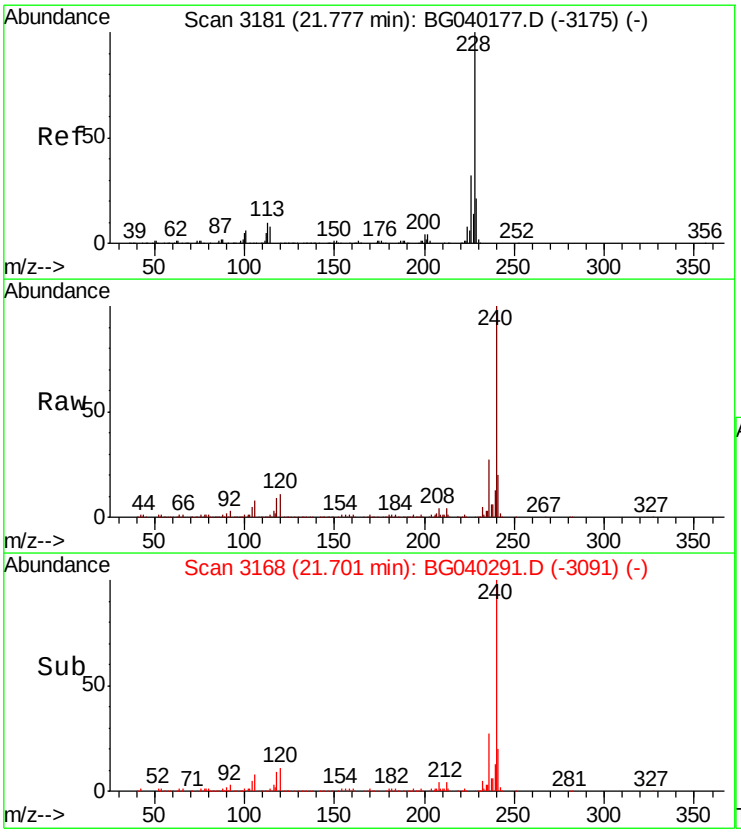
#82
3,3'-Dichlorobenzidine
Concen: 0.005 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:252 Resp: 55

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	8.5	12.7#

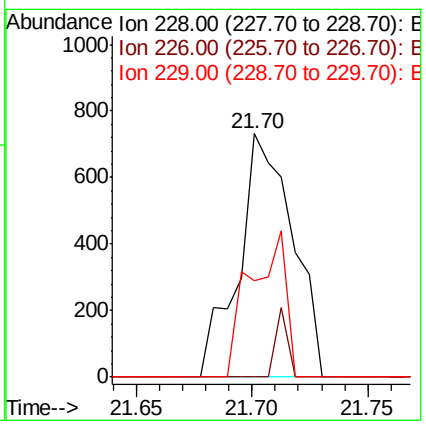


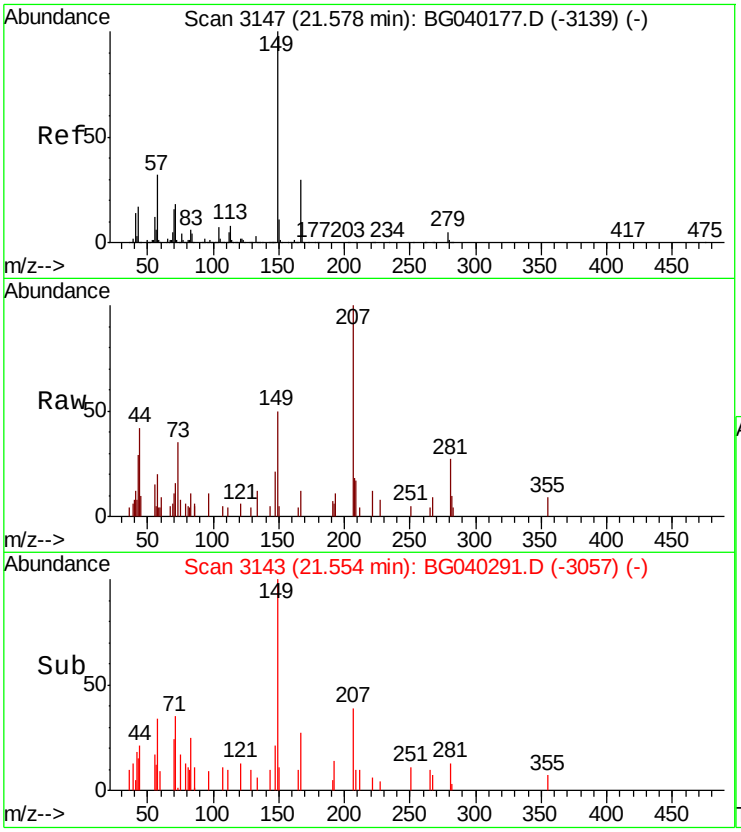


#83
Chrysene
Concen: 0.046 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.08 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:228 Resp: 1190

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	39.3	17.0	25.4#



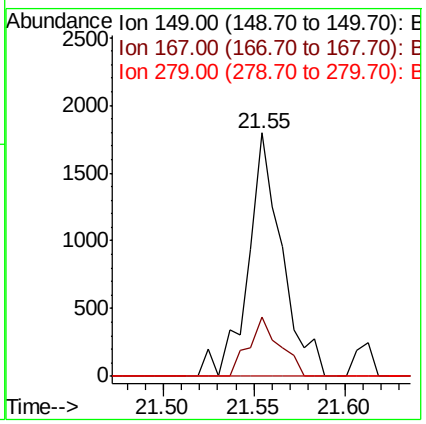


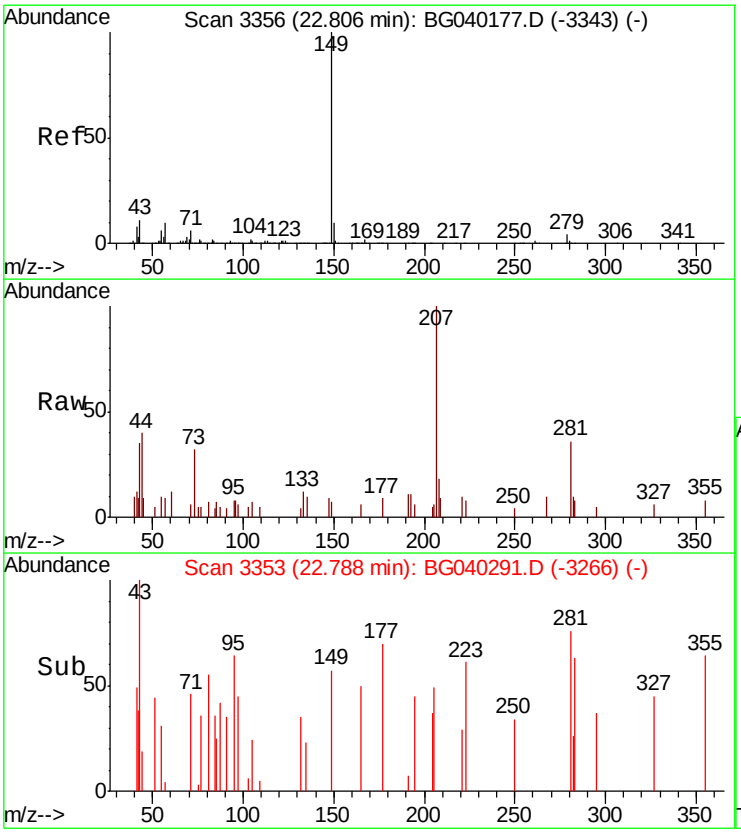
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:149 Resp: 2340

Ion	Ratio	Lower	Upper
149	100		
167	24.3	24.1	36.1
279	0.0	4.1	6.1#

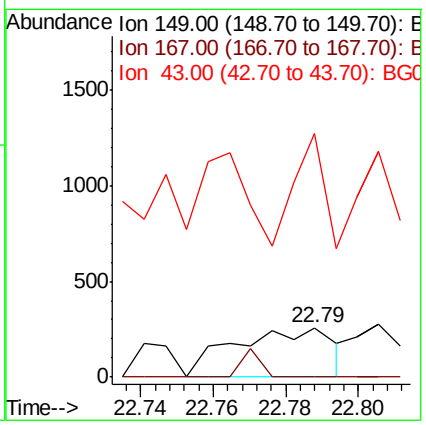


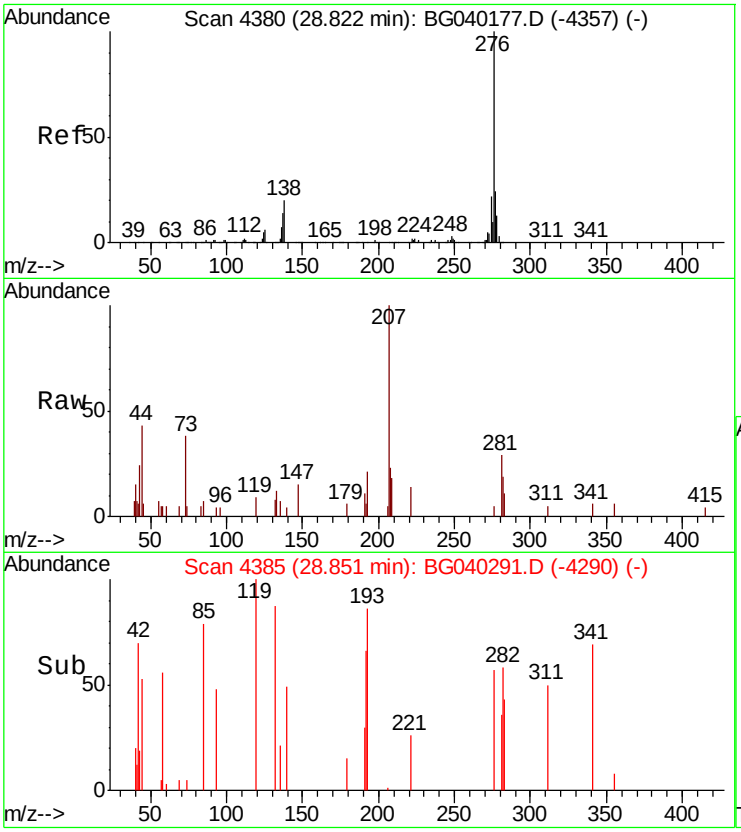


#85
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:149 Resp: 483

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	8.7	13.1#



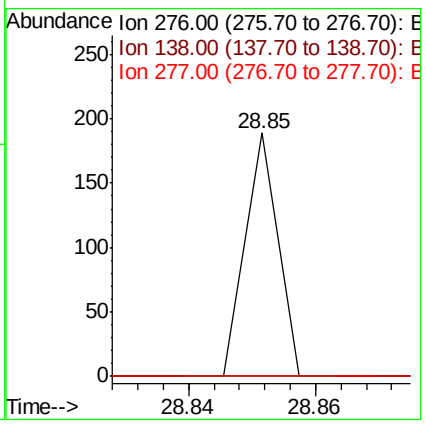


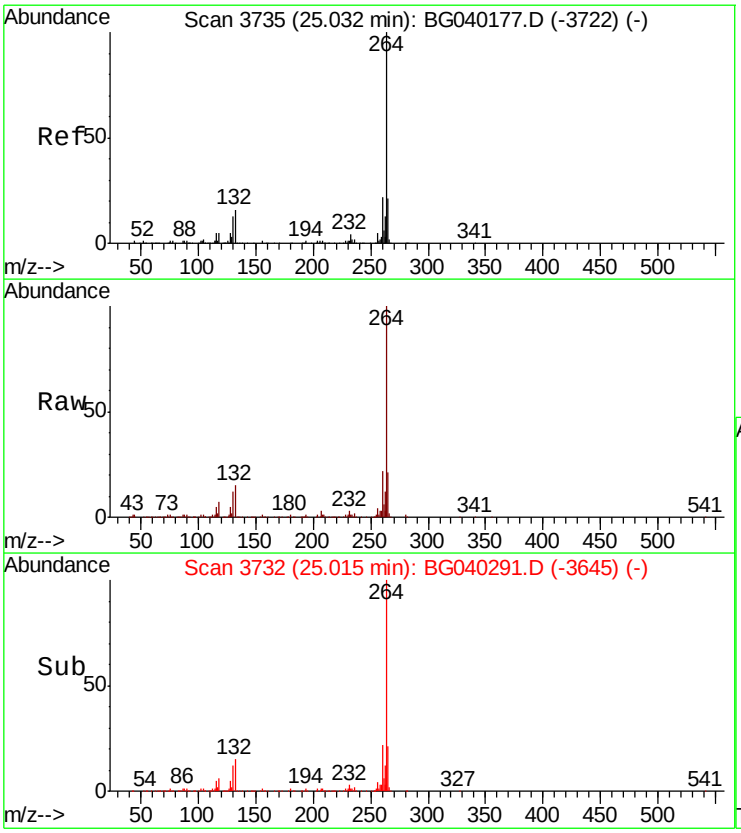
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.85 min Scan# 4385
Delta R.T. 0.03 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:276 Resp: 67

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.8	28.2#
277	0.0	21.0	31.4#

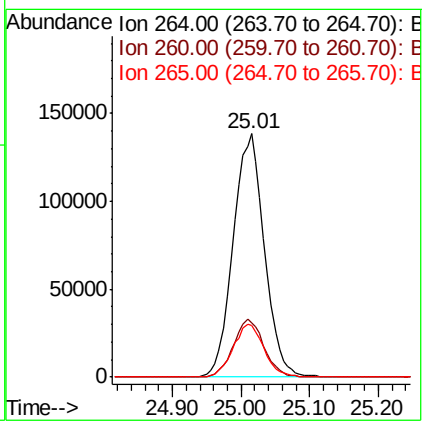


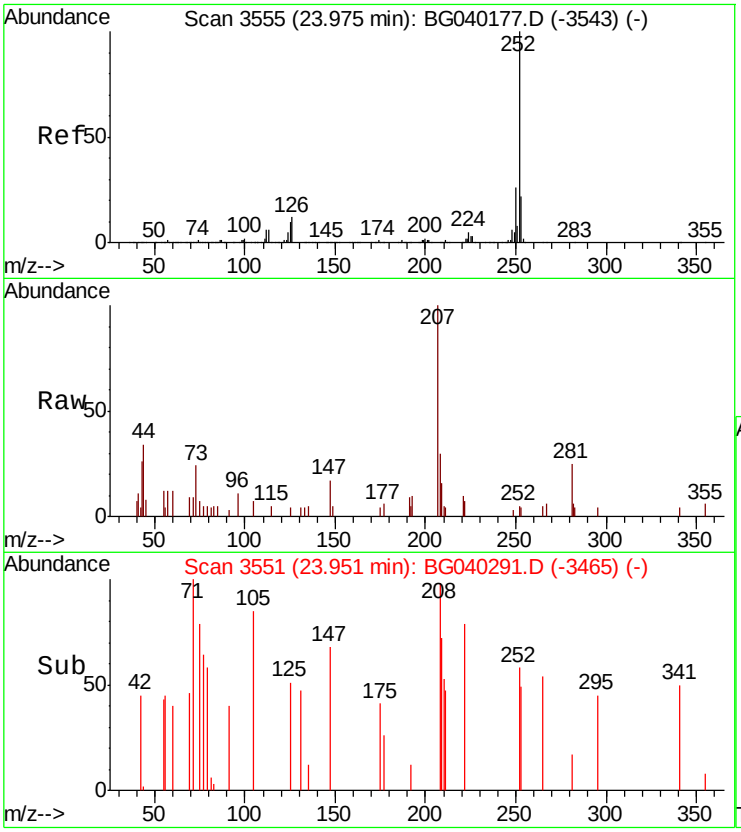


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:264 Resp: 437551

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	21.4	16.8	25.2



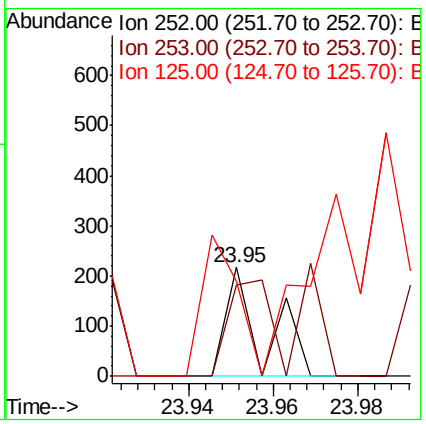


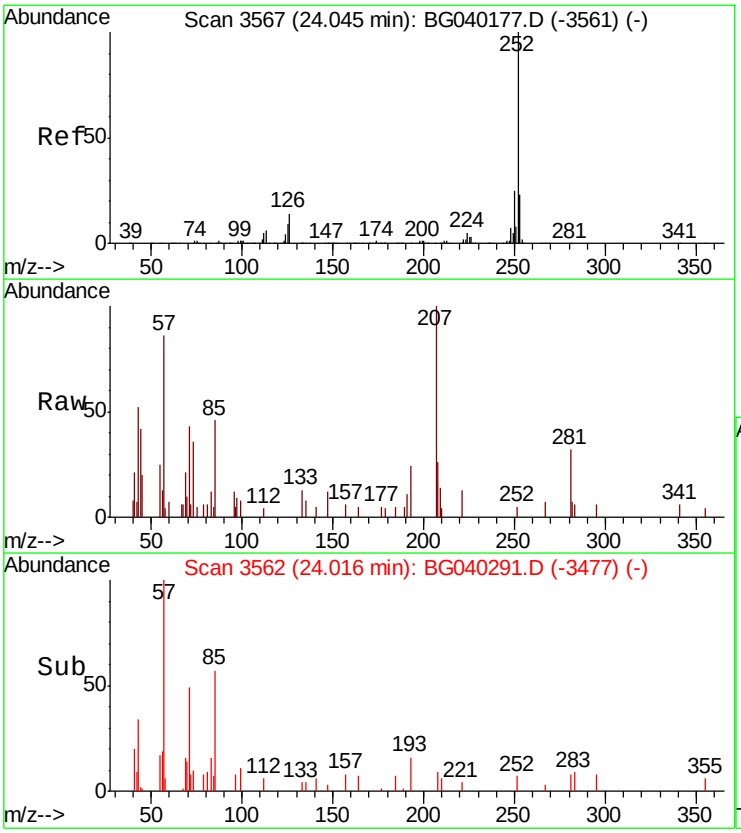
#88
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:252 Resp: 131

Ion	Ratio	Lower	Upper
252	100		
253	83.9	17.6	26.4#
125	87.6	8.2	12.4#

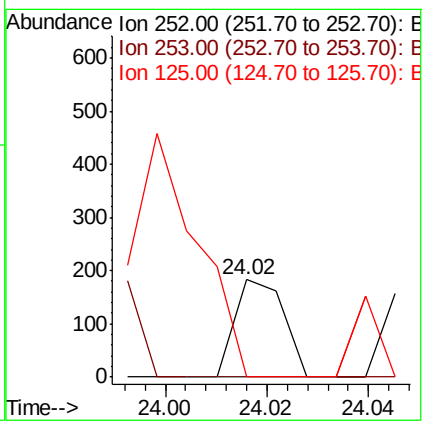


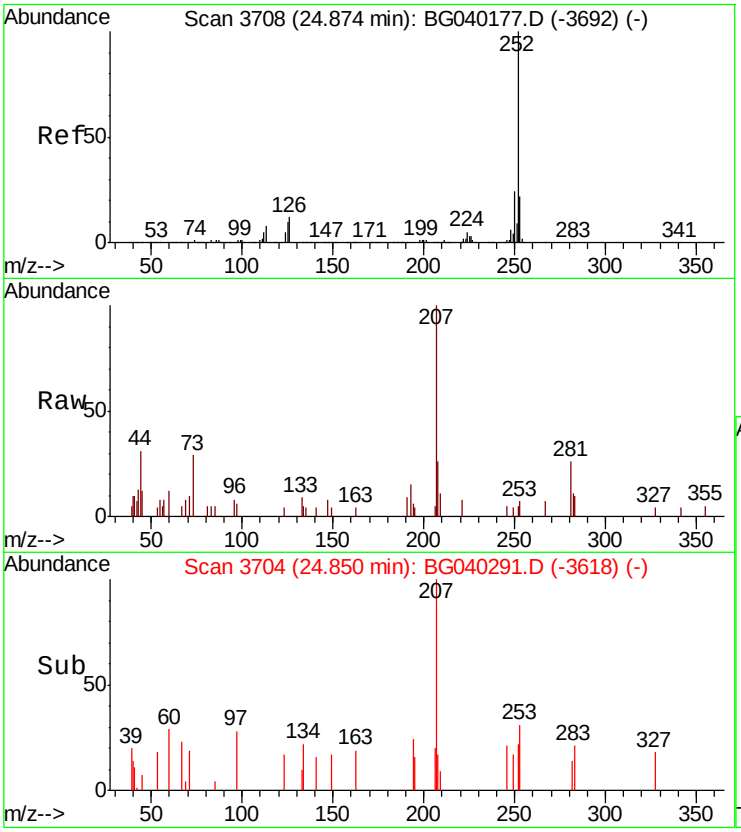


#89
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.03 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:252 Resp: 121

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	28.0#
125	0.0	7.3	10.9#



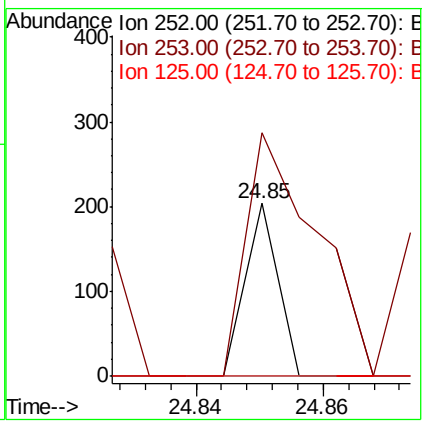


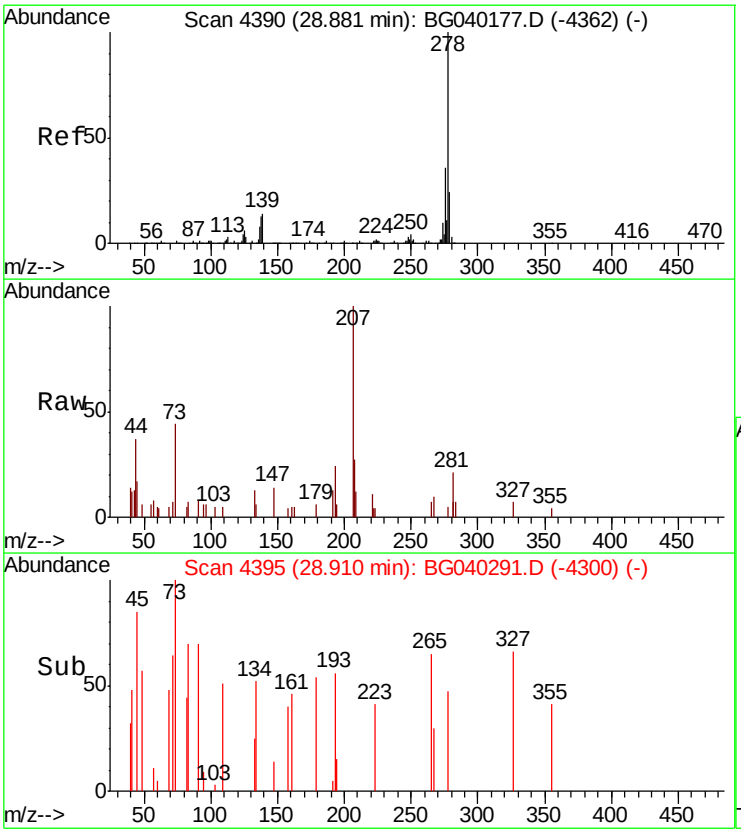
#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	140.7	17.8	26.8#
125	0.0	8.3	12.5#

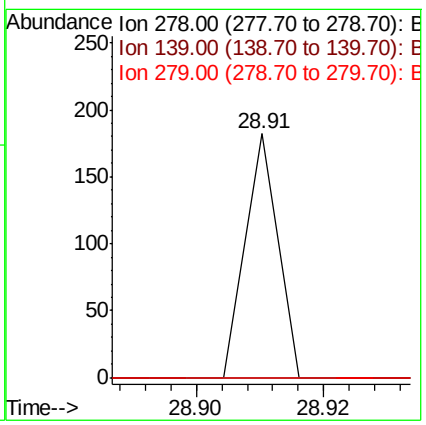


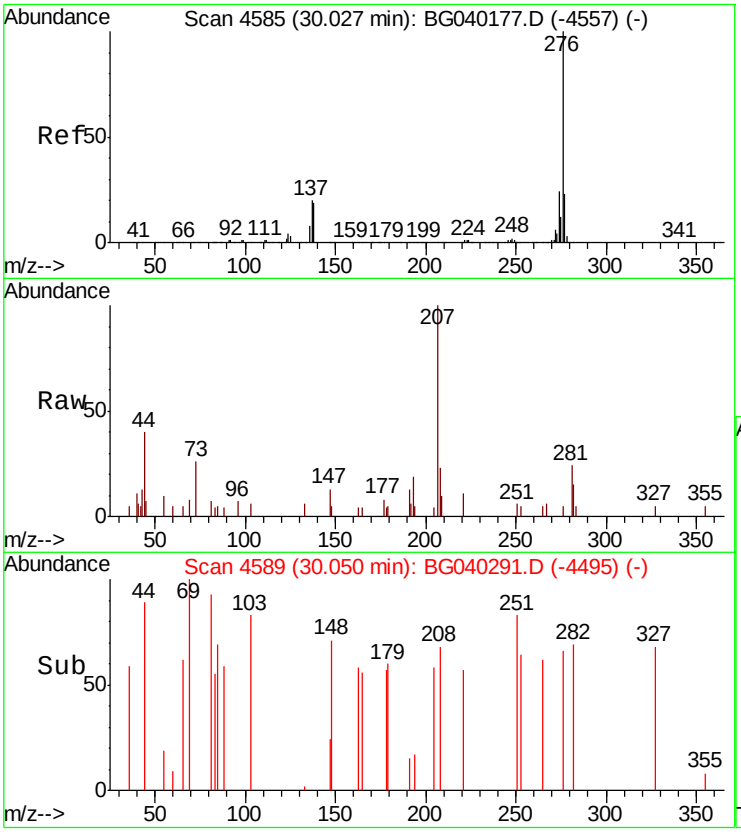


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.91 min Scan# 4395
Delta R.T. 0.03 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Tgt Ion:278 Resp: 64

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	0.0	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 30.05 min Scan# 4589
Delta R.T. 0.02 min
Lab File: BG040291.D
Acq: 2 Apr 2019 9:06

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-A

Tgt Ion:276 Resp: 67

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	15.2	22.8#