Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023199.D
Acq On : 20 Jul 2016 22:34
Operator : UM/SJ
Sample : MDL-07-W
Misc : MDL 4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-W

Quant Time: Jul 21 04:28:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	150481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	704937	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	527277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	1669429	20.00	ng/ul	0.10
75) Chrysene-d12	21.90	240	1390149	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1379453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7969	2.39	ng/uL	0.00
5) Phenol-d5	7.29	99	369140	23.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	268047	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	252484	24.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	291781	24.17	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	145911	25.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	165797	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	285660	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	422967	33.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1210073	27.60	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1313175	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	214491	27.73	ng/ul	0.00
57) Fluorene-d10	15.80	176	1053239	26.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	796	0.07	ng/ul	0.08
70) Anthracene-d10	17.67	188	1669429	21.36	ng/ul	0.00
76) Pyrene-d10	19.96	212	1962068	27.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1813255	28.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	2059	0.58	ng/uL#	97
4) Benzaldehyde	7.27	77	25566	2.65	ng/ul#	74
6) Phenol	7.32	94	30907	1.91	ng/ul#	59
8) Bis(2-Chloroethyl)ether	7.55	93	28288	2.33	ng/ul#	89
10) 2-Chlorophenol	7.70	128	20545	1.92	ng/ul#	67
11) 2-Methylphenol	8.69	108	65	0.01	ng/ul	81
12) 2,2'-oxybis(1-Chloropropan	8.68	45	34292	2.09	ng/ul#	93
14) Acetophenone	8.97	105	45692	2.18	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.94	70	28550	2.06	ng/ul#	80
16) 4-Methylphenol	8.92	108	26137	1.97	ng/ul	93
17) Hexachloroethane	9.23	117	10423	2.06	ng/ul	96
20) Nitrobenzene	9.36	77	39529	2.17	ng/ul#	85
21) Isophorone	9.88	82	76346	2.20	ng/ul#	97
23) 2-Nitrophenol	10.08	139	14811	2.11	ng/ul#	62
24) 2,4-Dimethylphenol	10.13	107	31195	1.93	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.37	93	40963	2.13	ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	24354	1.99	ng/ul	95
28) Naphthalene	11.03	128	77712	2.19	ng/ul	96
30) 4-Chloroaniline	11.14	127	32004	2.42	ng/ul	97
31) Hexachlorobutadiene	11.31	225	18040	1.83	ng/ul#	86
32) Caprolactam	11.90	113	1493	0.29	ng/ul	85
33) 4-Chloro-3-methylphenol	12.26	107	34261	2.13	ng/ul#	72
34) 2-Methylnaphthalene	12.63	142	63056	2.15	ng/ul	89

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Misc : MDL 4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-W

Quant Time: Jul 21 04:28:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	37219	2.12	ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	19554	1.71	ng/ul#	77
38) 2,4,6-Trichlorophenol	13.24	196	24099	1.98	ng/ul	95
39) 2,4,5-Trichlorophenol	13.32	196	24958	2.01	ng/ul	97
40) 1,1'-Biphenyl	13.63	154	86596	2.19	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	70809	2.22	ng/ul#	92
42) 2-Nitroaniline	13.89	65	26531	1.87	ng/ul#	60
44) Dimethylphthalate	14.25	163	103169	2.32	ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	19998	2.08	ng/ul#	66
47) Acenaphthylene	14.53	152	117024	2.32	ng/ul	98
48) 3-Nitroaniline	14.72	138	20688	2.51	ng/ul#	71
49) Acenaphthene	14.87	153	75089	2.20	ng/ul	99
50) 2,4-Dinitrophenol	14.93	184	6575	1.09	ng/ul#	42
52) 4-Nitrophenol	15.02	109	22626	2.46	ng/ul#	57
53) Dibenzofuran	15.21	168	115650	2.30	ng/ul	96
54) 2,4-Dinitrotoluene	15.17	165	30735	2.09	ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	15.43	232	25411	2.02	ng/ul#	89
56) Diethylphthalate	15.61	149	113684	2.41	ng/ul	98
58) Fluorene	15.86	166	95719	2.31	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	47602	2.09	ng/ul	95
60) 4-Nitroaniline	15.88	138	23892	2.36	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	16.01	198	69	0.01	ng/ul#	1
64) N-Nitrosodiphenylamine	16.06	169	86093	1.78	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	33016	1.72	ng/ul	92
66) Hexachlorobenzene	16.87	284	35970	1.83	ng/ul	96
67) Atrazine	17.19	200	125	0.01	ng/ul#	36
68) Pentachlorophenol	17.22	266	14596	1.20	ng/ul	90
69) Phenanthrene	17.71	178	178254	2.07	ng/ul	97
71) Anthracene	17.71	178	178254	1.98	ng/ul	97
72) Carbazole	17.98	167	150653	2.12	ng/ul	99
73) Di-n-butylphthalate	18.62	149	223	0.00	ng/ul#	79
74) Fluoranthene	19.72	202	316	0.00	ng/ul#	69
77) Pyrene	19.99	202	221697	2.62	ng/ul#	89
78) Butylbenzylphthalate	20.87	149	83650	2.28	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.78	252	69384	2.50	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	208540	2.53	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	123848	2.47	ng/ul	98
82) Chrysene	21.94	228	190127	2.54	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	203504	2.66	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	200585	2.39	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	190941	2.40	ng/ul#	93
88) Benzo(a)pyrene	25.13	252	203060	2.54	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.18	276	198686	2.21	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.25	278	169496	2.29	ng/ul#	87
91) Benzo(g,h,i)perylene	30.39	276	88457	1.19	ng/ul#	90

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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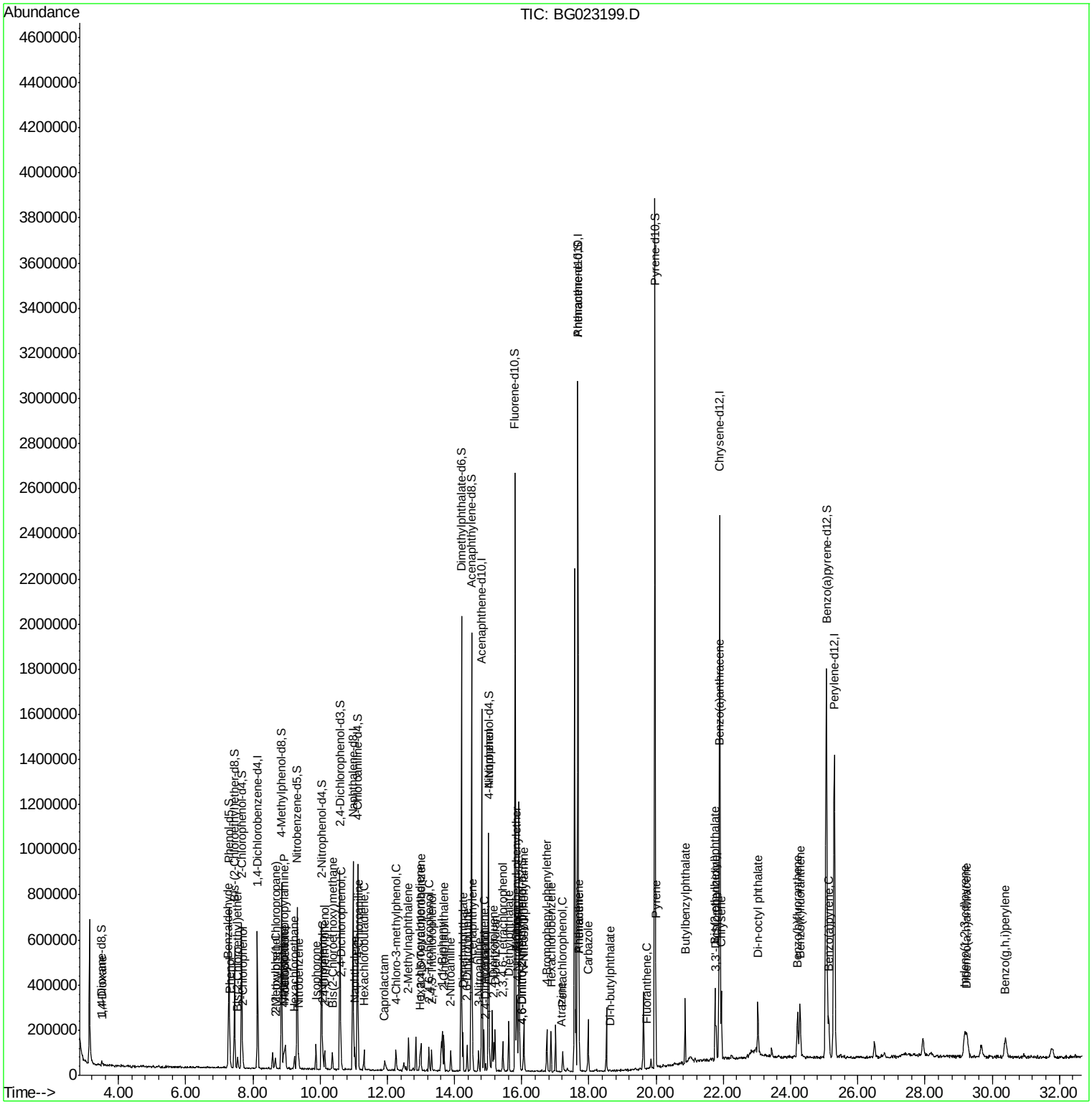
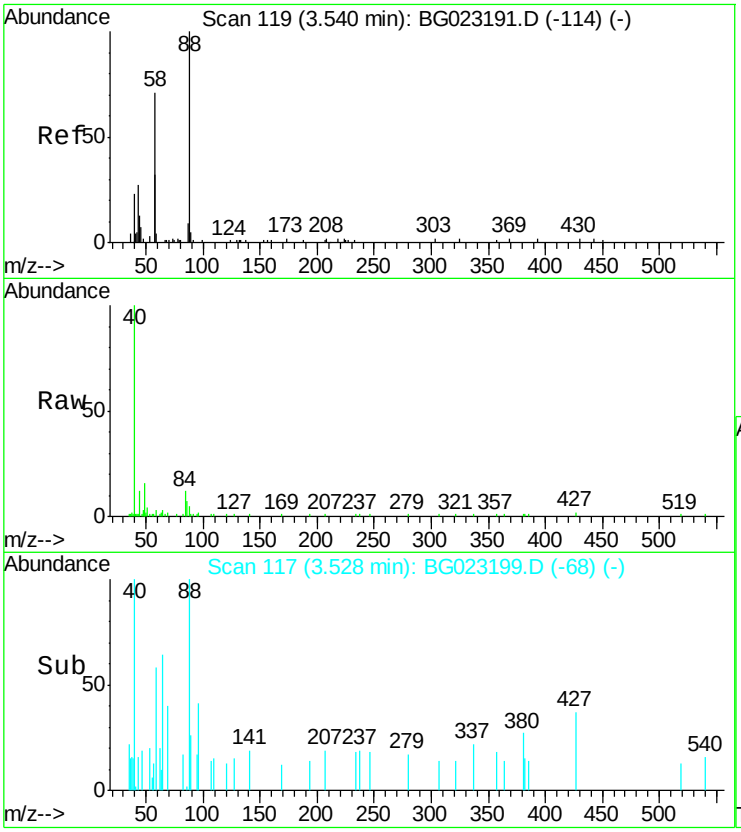


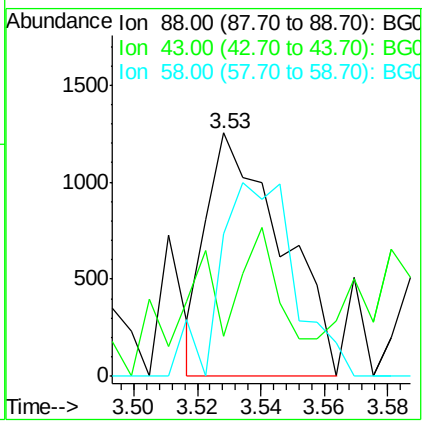


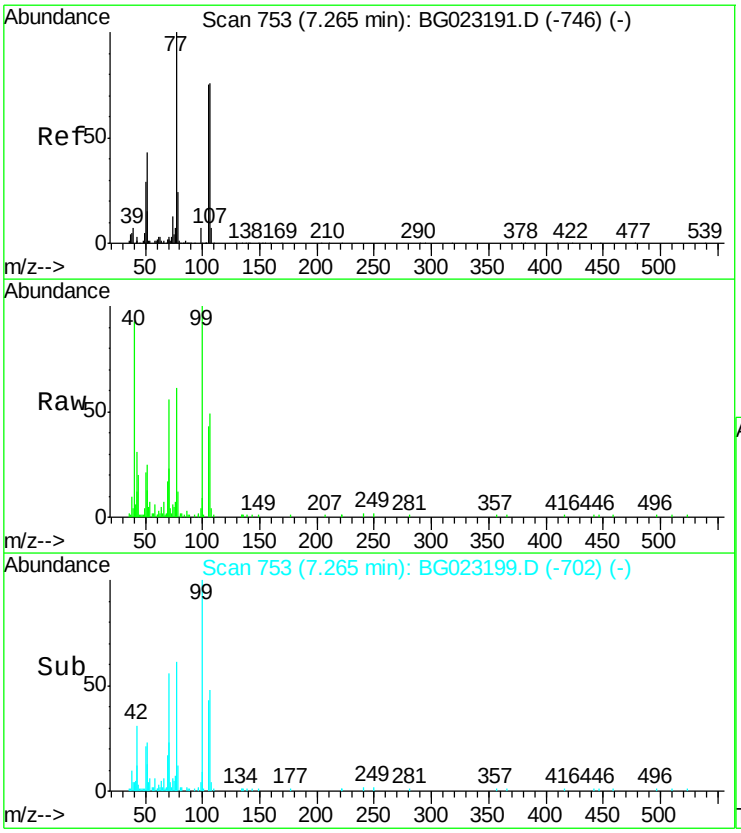
#2
1,4-Dioxane
Concen: 0.58 ng/uL
RT: 3.53 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion: 88 Resp: 2059

Ion	Ratio	Lower	Upper
88	100		
43	16.4	16.6	24.8#
58	58.5	47.2	70.8

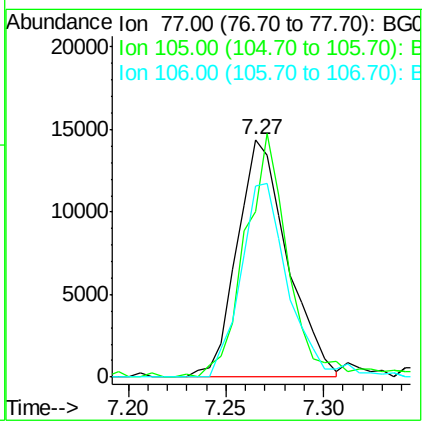


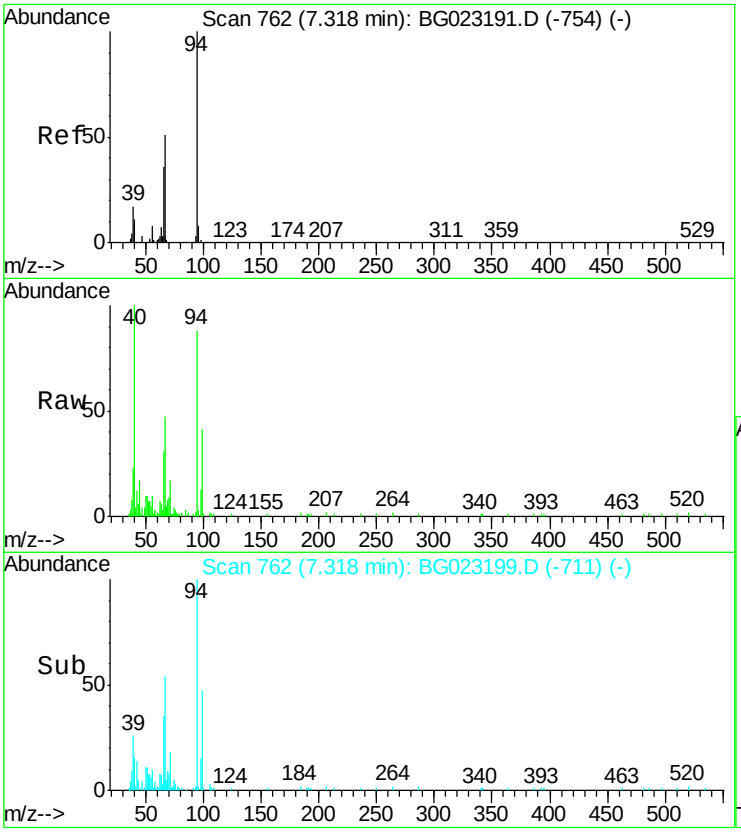


#4
Benzaldehyde
Concen: 2.65 ng/ul
RT: 7.27 min Scan# 753
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion: 77 Resp: 25566

Ion	Ratio	Lower	Upper
77	100		
105	69.9	83.8	125.8#
106	80.5	77.9	116.9



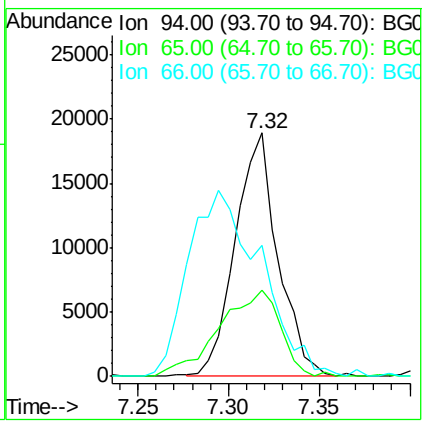


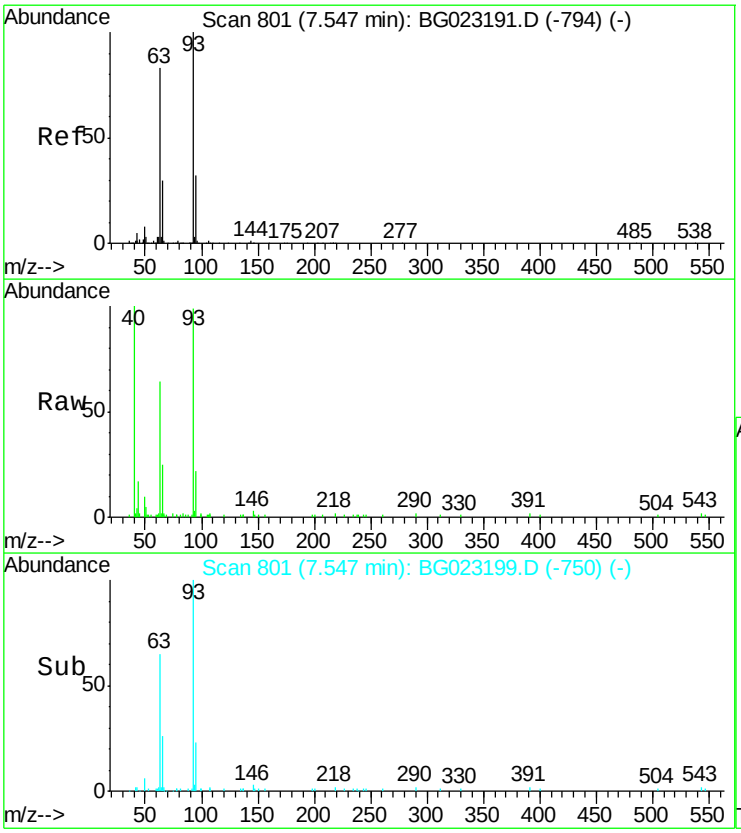
#6
Phenol
Concen: 1.91 ng/ul
RT: 7.32 min Scan# 762
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion: 94 Resp: 30907

Ion	Ratio	Lower	Upper
94	100		
65	35.3	16.8	25.2#
66	53.9	22.6	33.8#

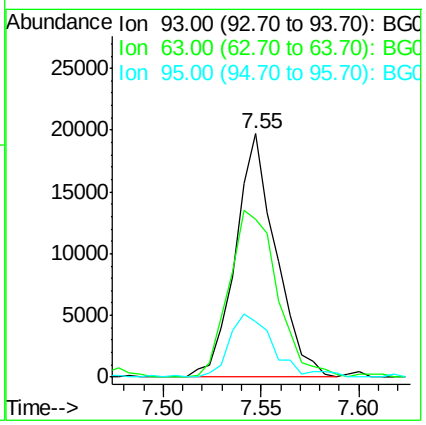


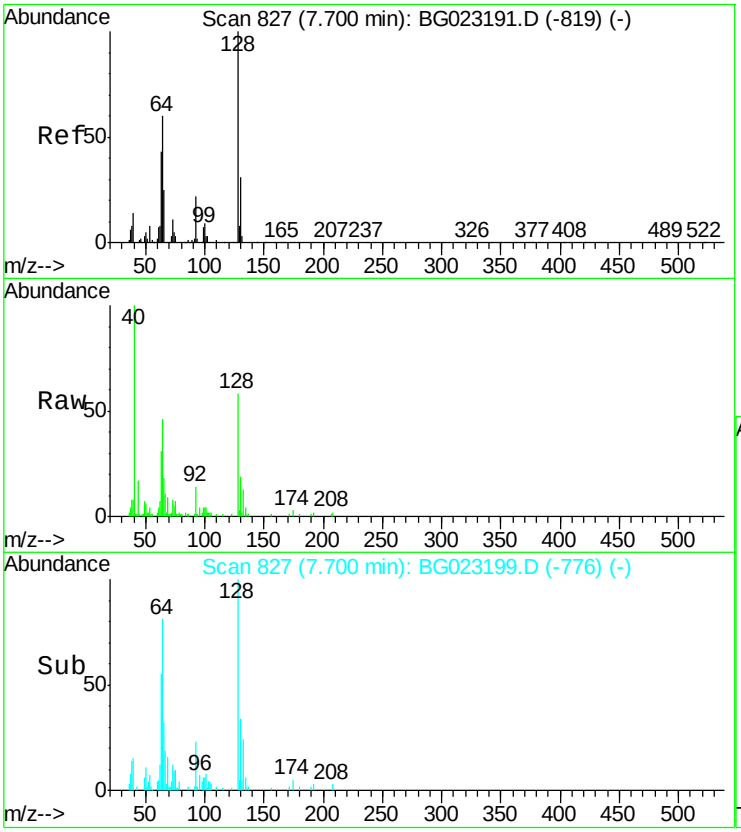


#8
Bis(2-Chloroethyl)ether
Concen: 2.33 ng/ul
RT: 7.55 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion: 93 Resp: 28288

Ion	Ratio	Lower	Upper
93	100		
63	64.6	56.0	84.0
95	22.6	27.7	41.5#



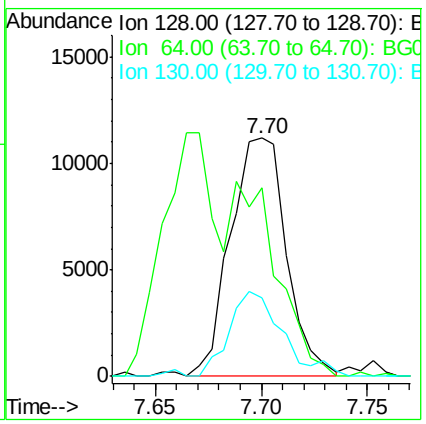


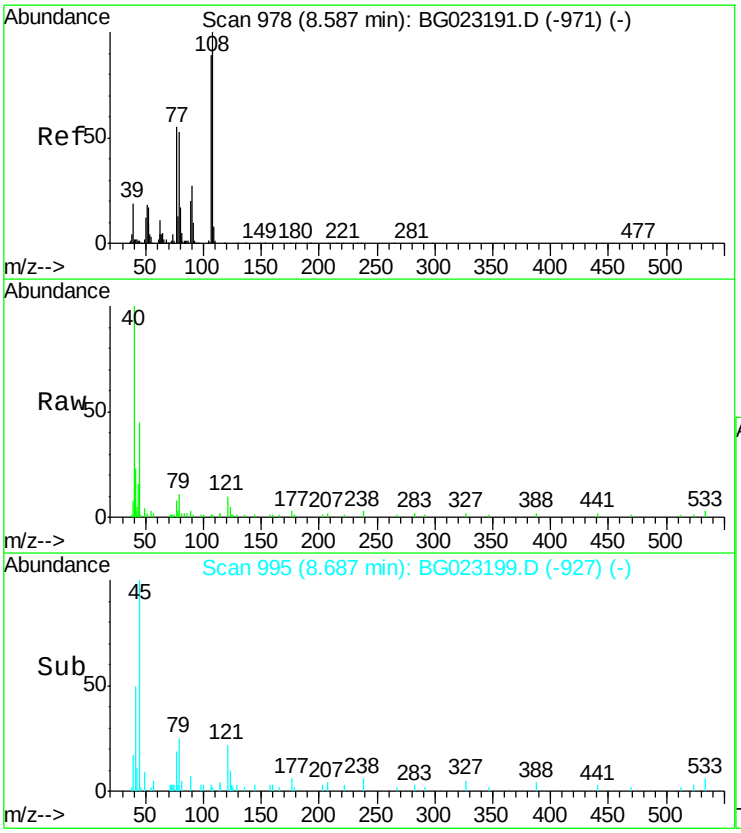
#10
2-Chlorophenol
Concen: 1.92 ng/ul
RT: 7.70 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:128 Resp: 20545

Ion	Ratio	Lower	Upper
128	100		
64	79.3	34.2	51.4#
130	33.0	27.0	40.4

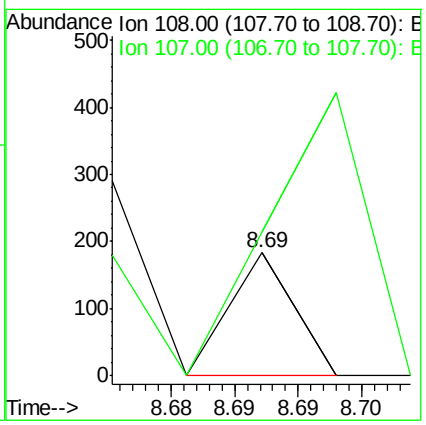


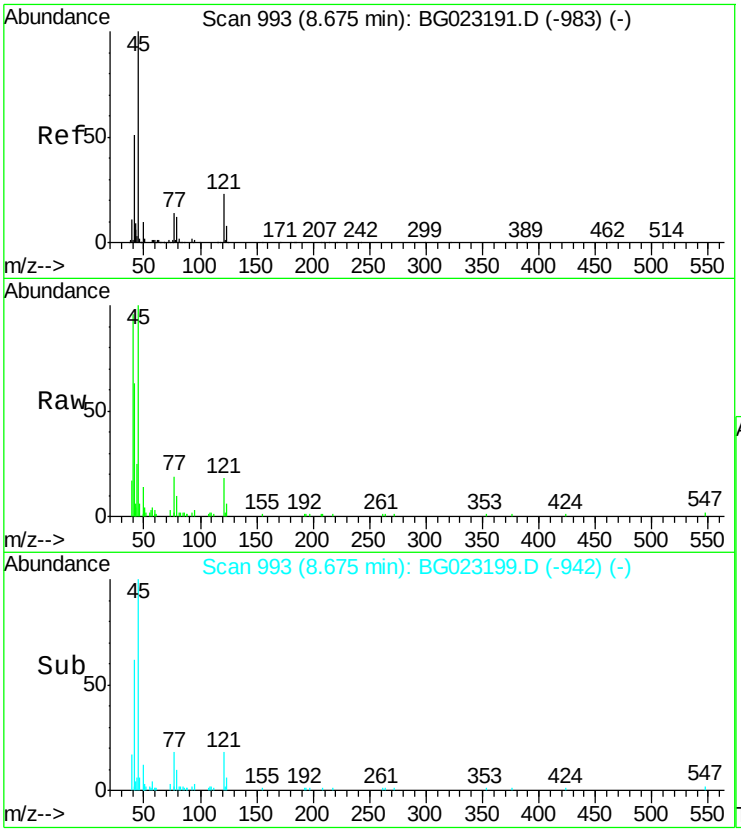


#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.69 min Scan# 995
Delta R.T. 0.10 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:108 Resp: 65

Ion	Ratio	Lower	Upper
108	100		
107	117.5	78.6	117.8



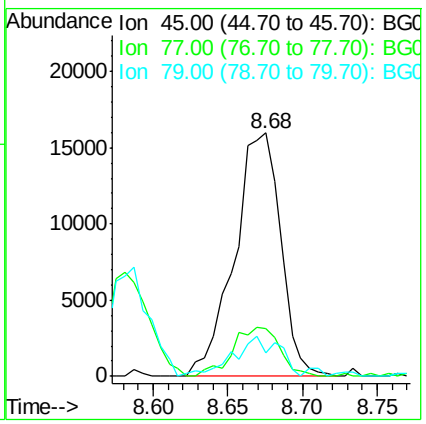


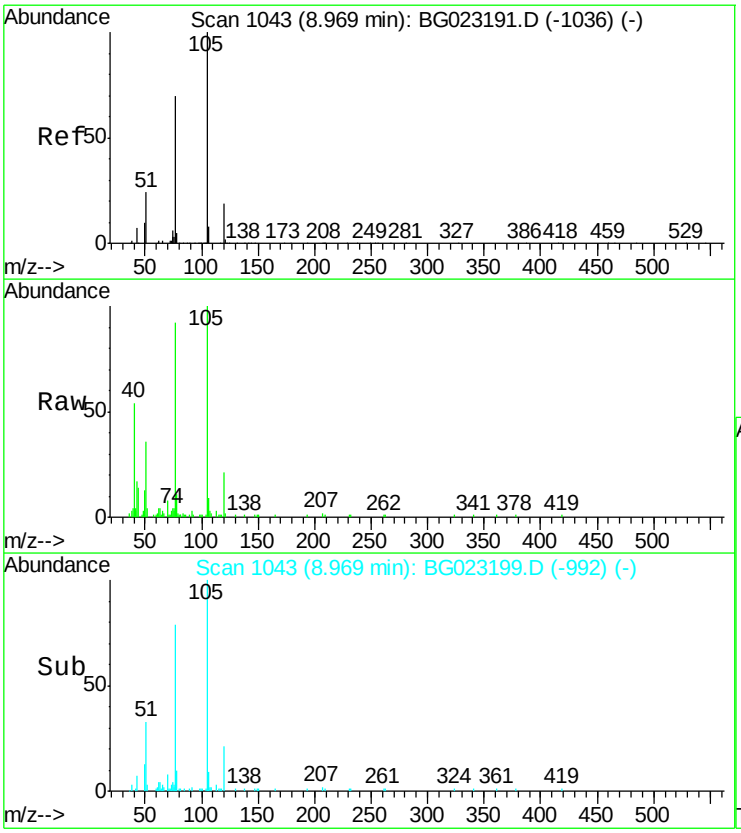
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.09 ng/ul
RT: 8.68 min Scan# 993
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion: 45 Resp: 34292

Ion	Ratio	Lower	Upper
45	100		
77	19.5	13.4	20.2
79	9.6	10.2	15.4#

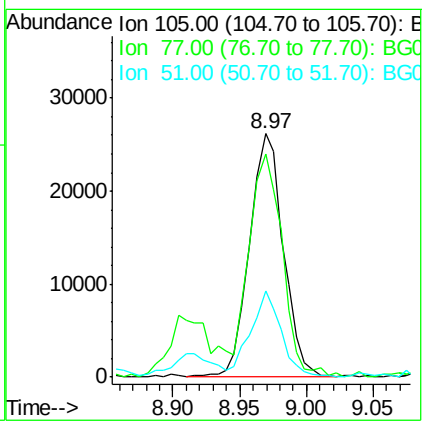


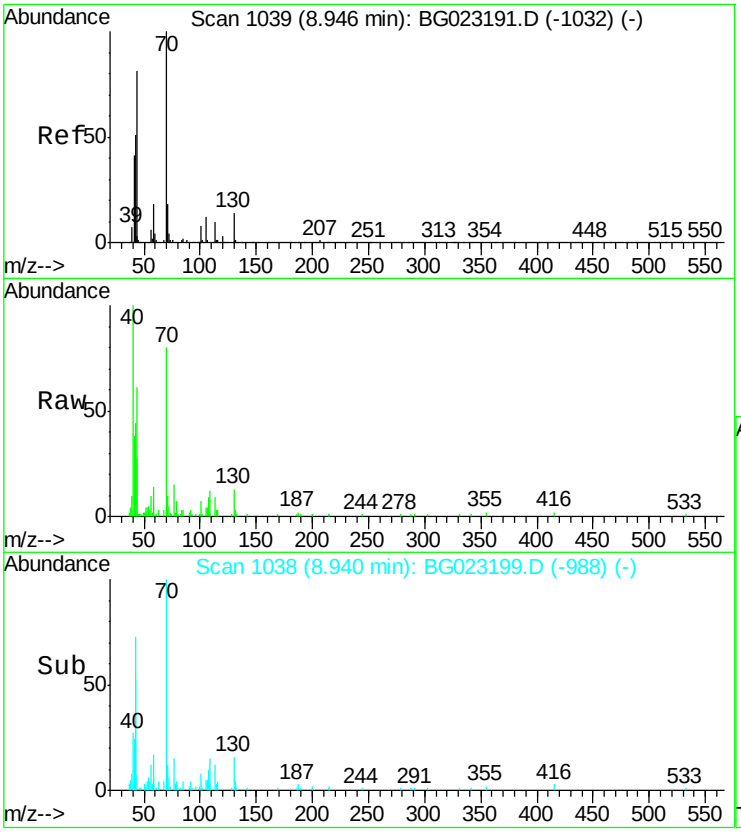


#14
Acetophenone
Concen: 2.18 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:105 Resp: 45692

Ion	Ratio	Lower	Upper
105	100		
77	91.7	56.1	84.1#
51	35.5	14.6	22.0#



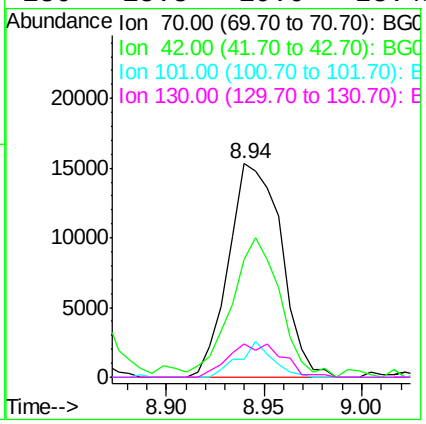


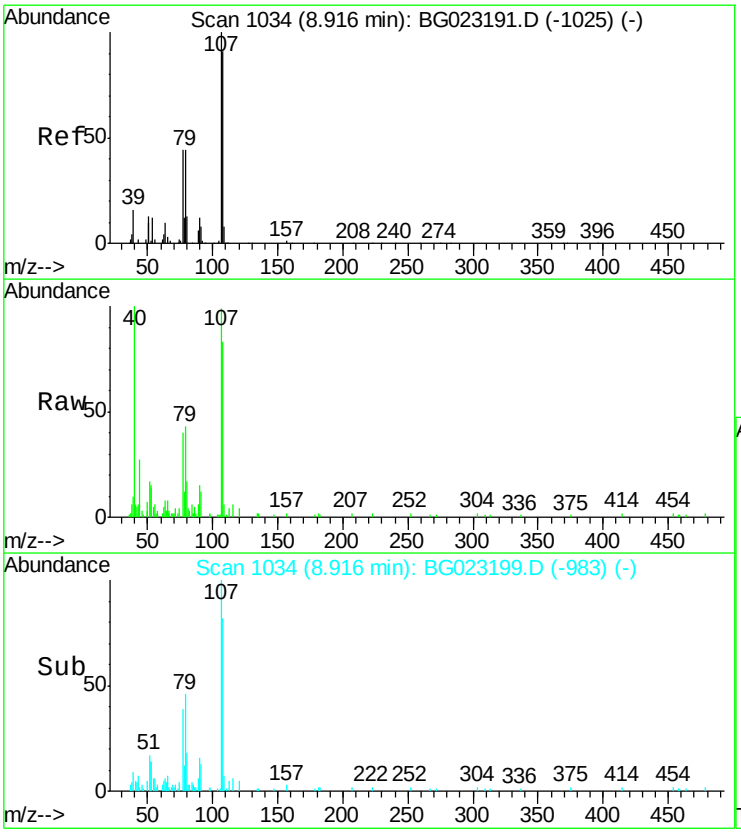
#15
N-Nitroso-di-n-propylamine
Concen: 2.06 ng/ul
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion: 70 Resp: 28550

Ion	Ratio	Lower	Upper
70	100		
42	55.3	31.4	47.2#
101	8.2	8.6	13.0#
130	15.8	19.0	28.4#

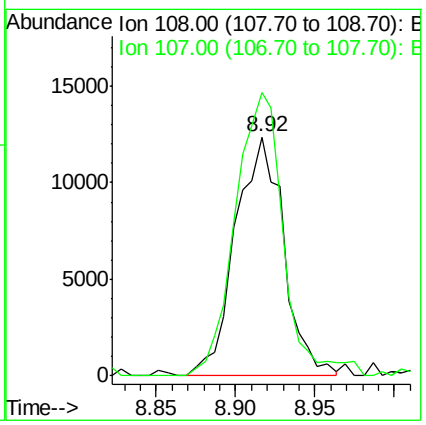


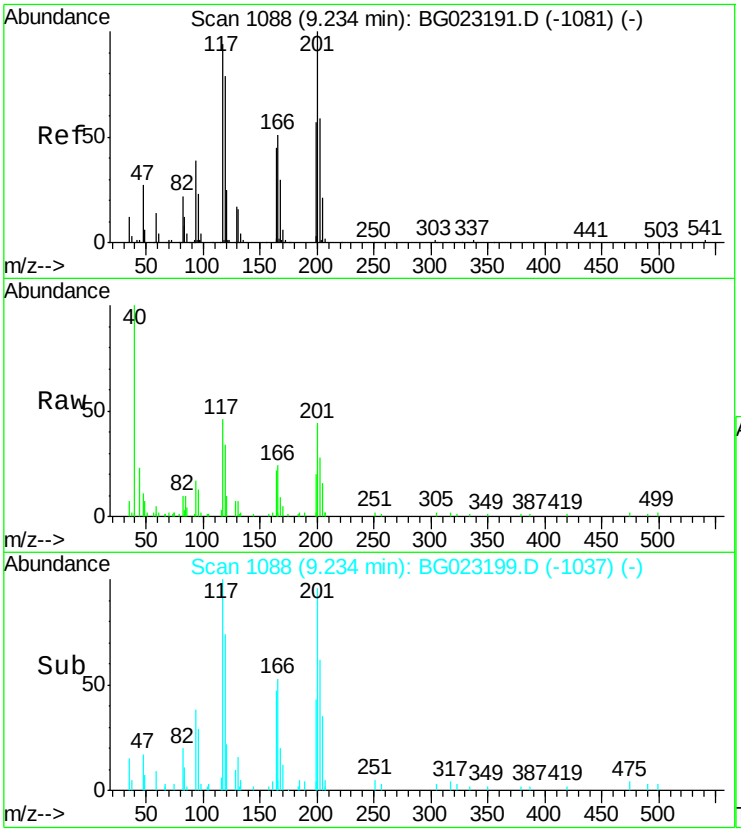


#16
4-Methylphenol
Concen: 1.97 ng/ul
RT: 8.92 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:108 Resp: 26137

Ion	Ratio	Lower	Upper
108	100		
107	118.3	88.3	132.5



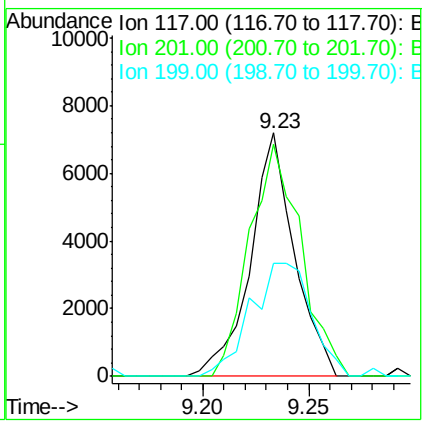


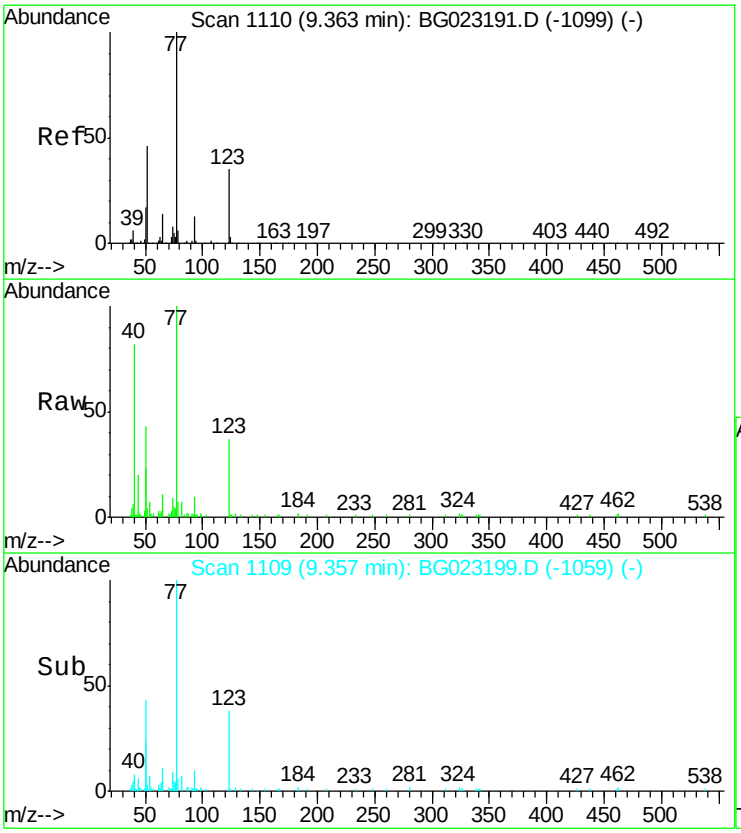
#17
Hexachloroethane
Concen: 2.06 ng/ul
RT: 9.23 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:117 Resp: 10423

Ion	Ratio	Lower	Upper
117	100		
201	95.5	76.8	115.2
199	46.3	43.5	65.3

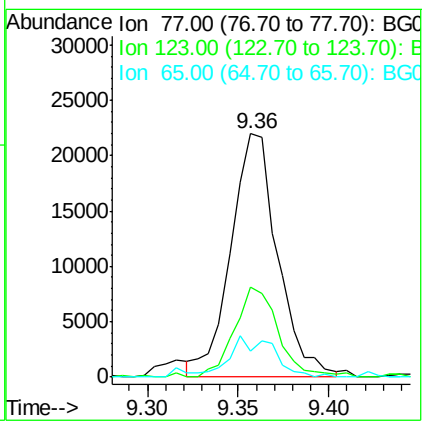


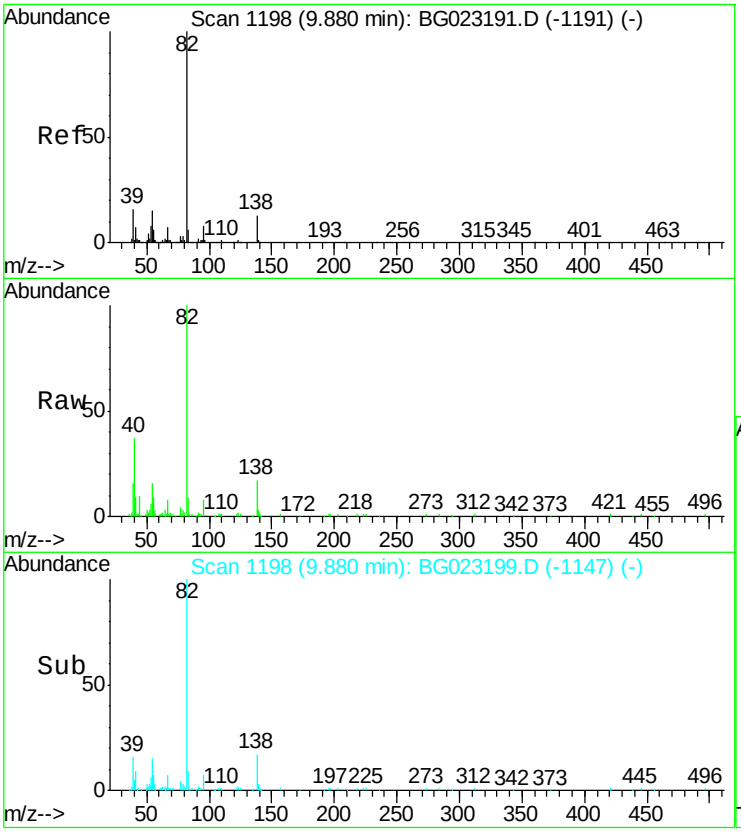


#20
Nitrobenzene
Concen: 2.17 ng/ul
RT: 9.36 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion: 77 Resp: 39529

Ion	Ratio	Lower	Upper
77	100		
123	36.9	39.5	59.3#
65	10.7	9.0	13.4



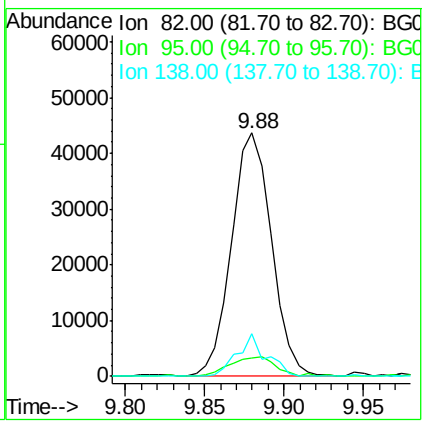


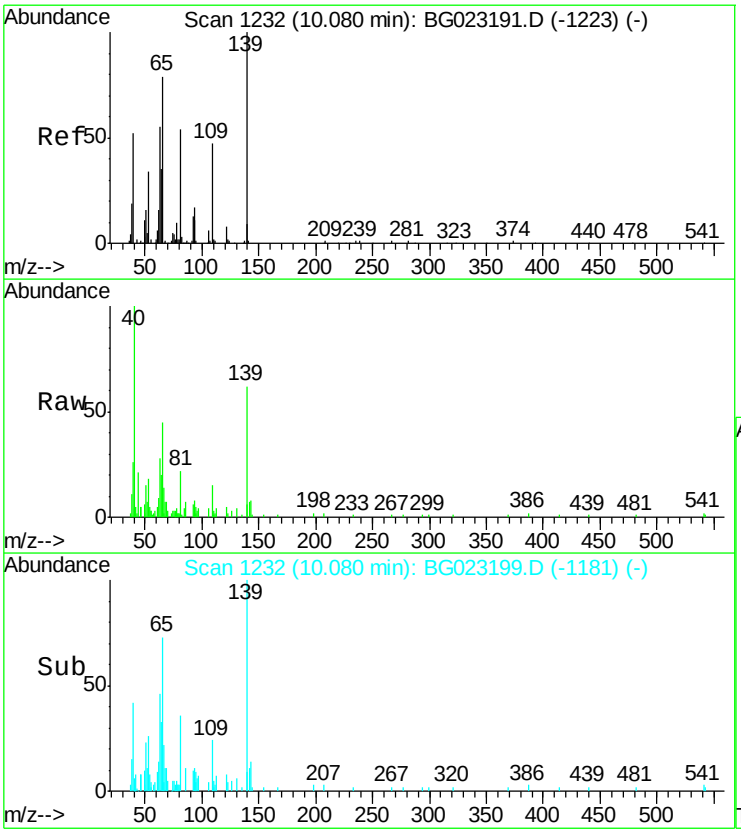
#21
Isophorone
Concen: 2.20 ng/ul
RT: 9.88 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion: 82 Resp: 76346

Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.1	7.7#
138	17.4	15.0	22.6

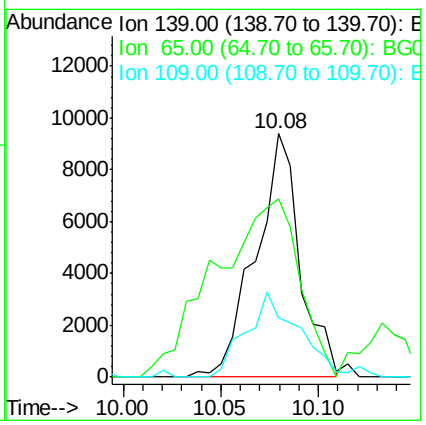


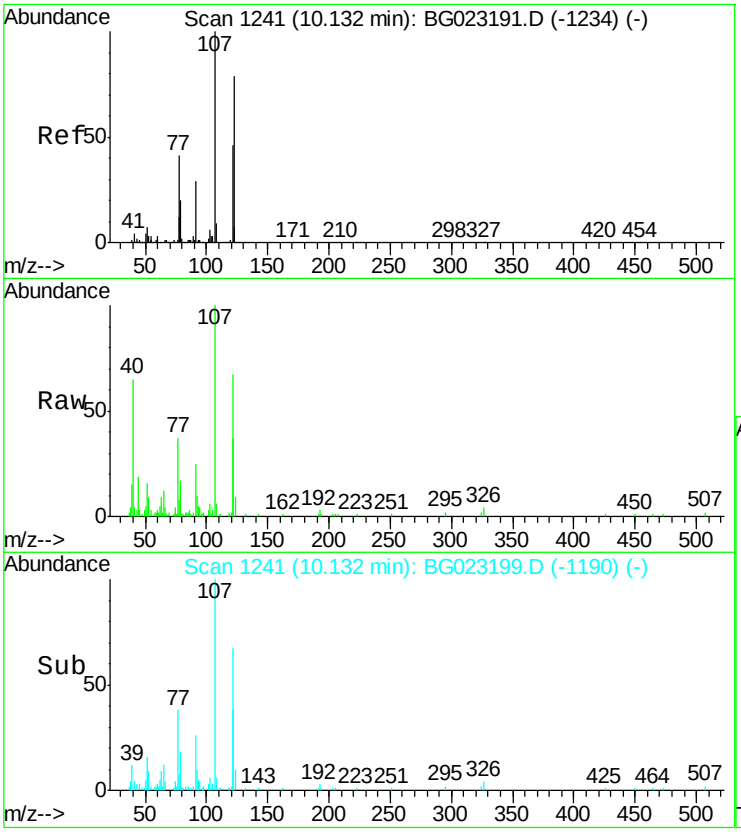


#23
2-Nitrophenol
Concen: 2.11 ng/ul
RT: 10.08 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:139 Resp: 14811

Ion	Ratio	Lower	Upper
139	100		
65	73.3	31.8	47.8#
109	24.5	17.1	25.7



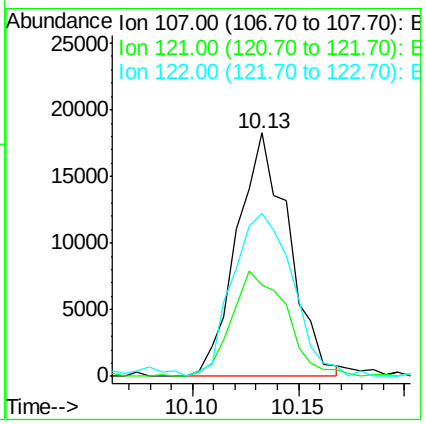


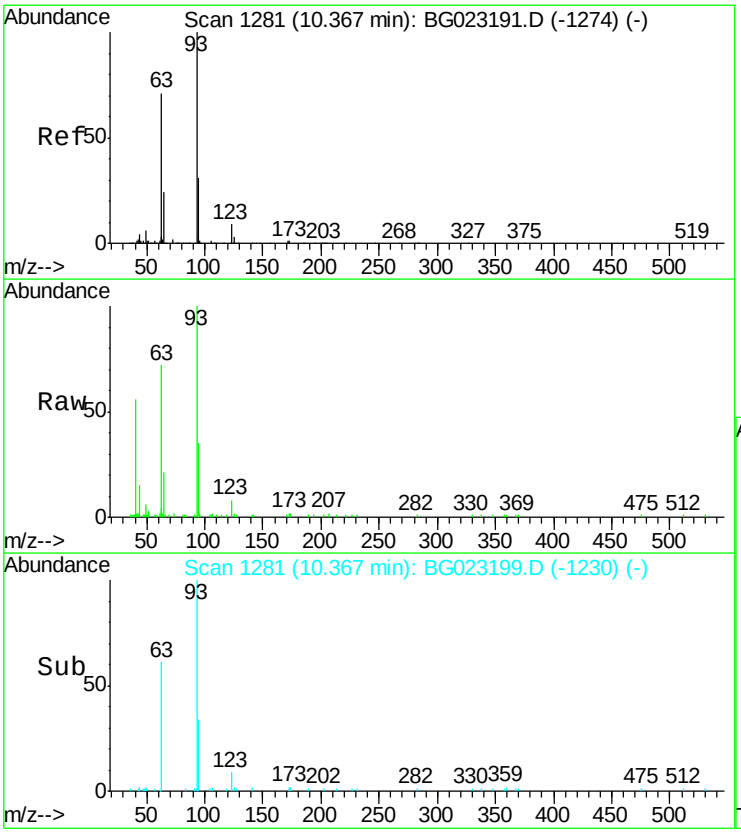
#24
2,4-Dimethylphenol
Concen: 1.93 ng/ul
RT: 10.13 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:107 Resp: 31195

Ion	Ratio	Lower	Upper
107	100		
121	37.3	43.7	65.5#
122	66.7	70.3	105.5#

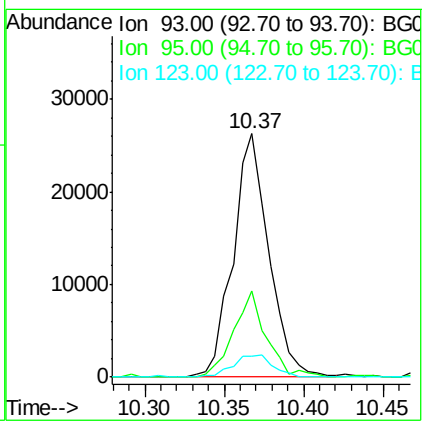


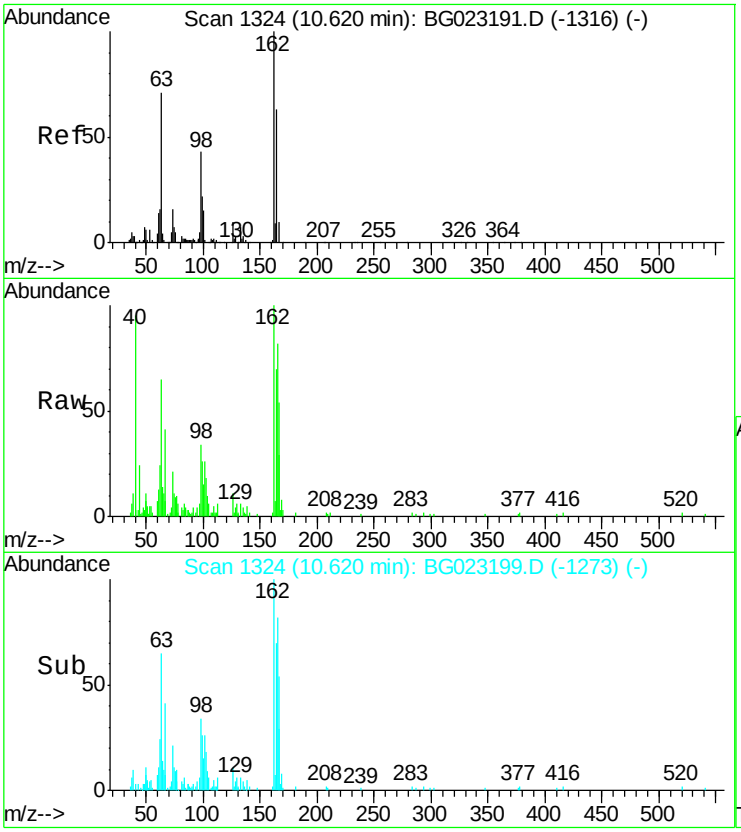


#25
Bis(2-Chloroethoxy)methane
Concen: 2.13 ng/ul
RT: 10.37 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion: 93 Resp: 40963

Ion	Ratio	Lower	Upper
93	100		
95	35.4	26.0	39.0
123	8.4	10.1	15.1#



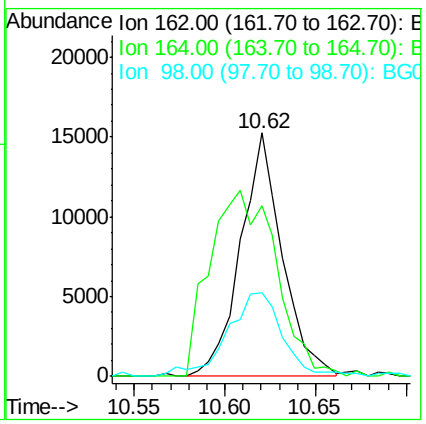


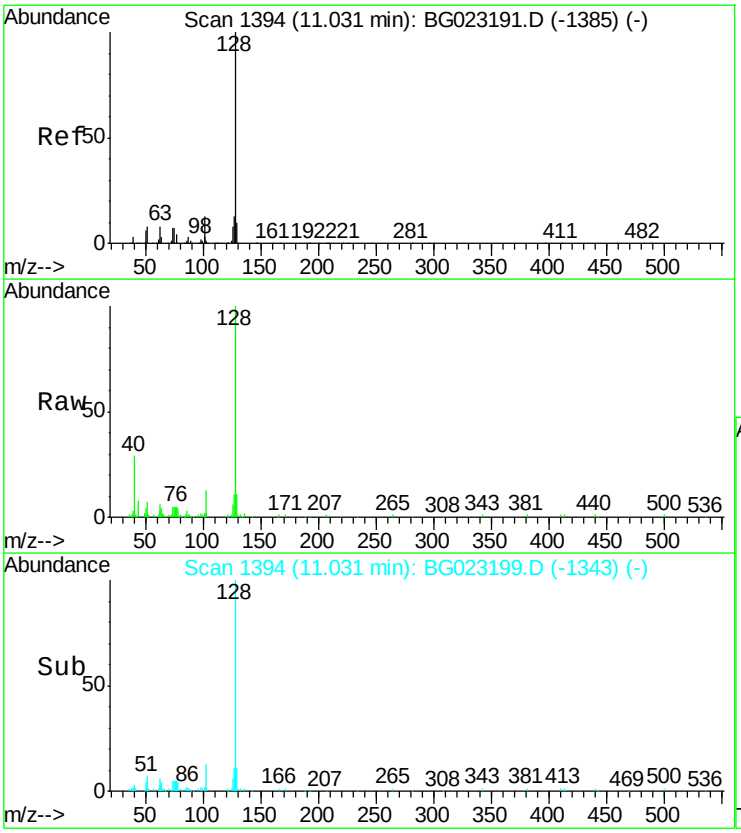
#27
2,4-Dichlorophenol
Concen: 1.99 ng/ul
RT: 10.62 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:162 Resp: 24354

Ion	Ratio	Lower	Upper
162	100		
164	70.2	51.6	77.4
98	34.4	28.3	42.5

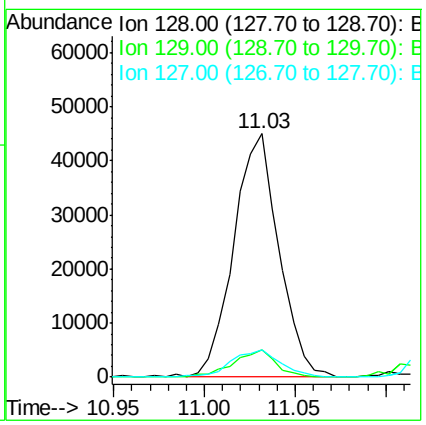


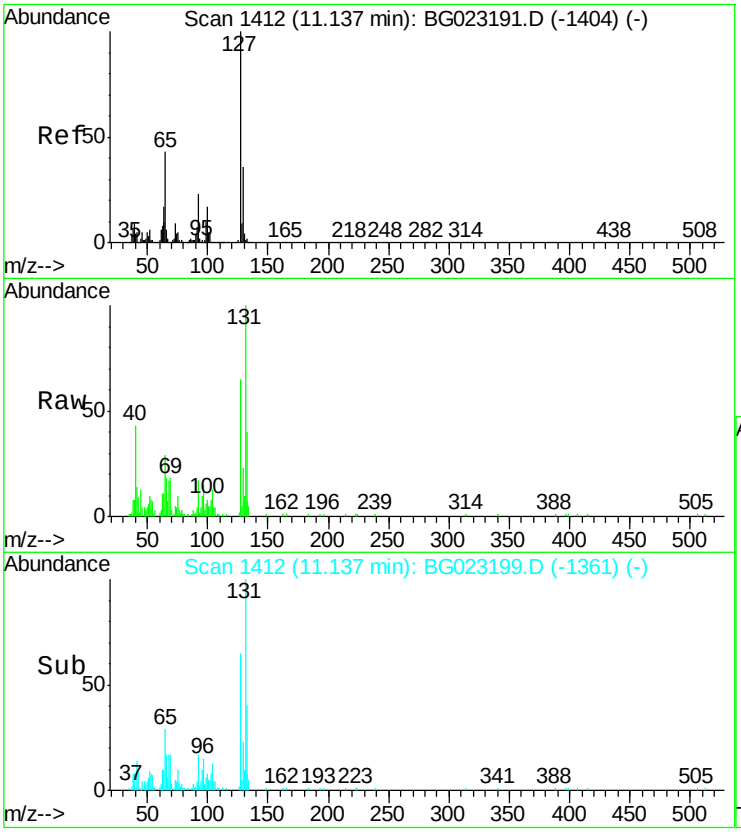


#28
Naphthalene
Concen: 2.19 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:128 Resp: 77712

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	11.3	11.2	16.8



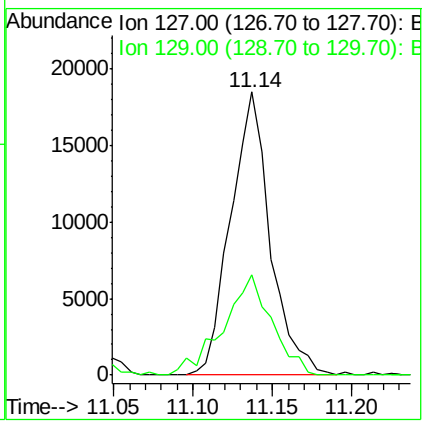


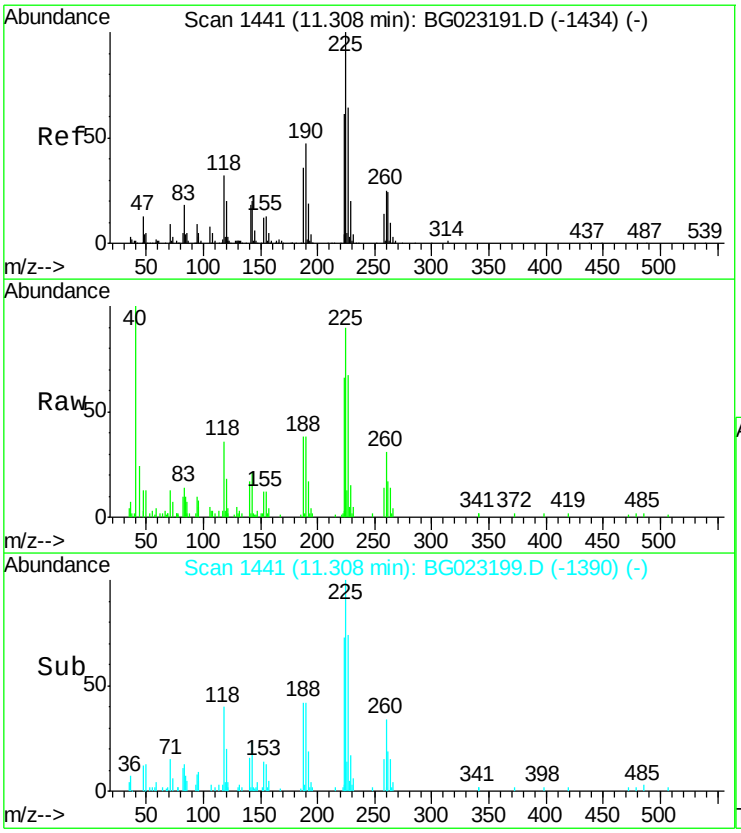
#30
4-Chloroaniline
Concen: 2.42 ng/ul
RT: 11.14 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:127 Resp: 32004

Ion	Ratio	Lower	Upper
127	100		
129	35.3	26.9	40.3

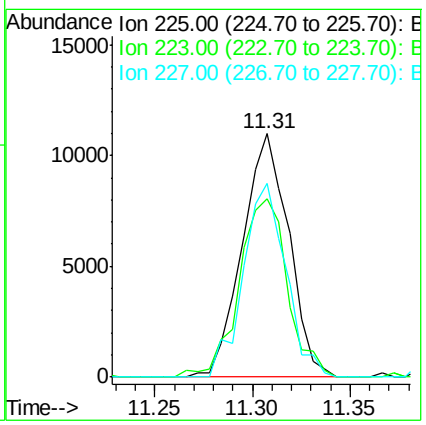


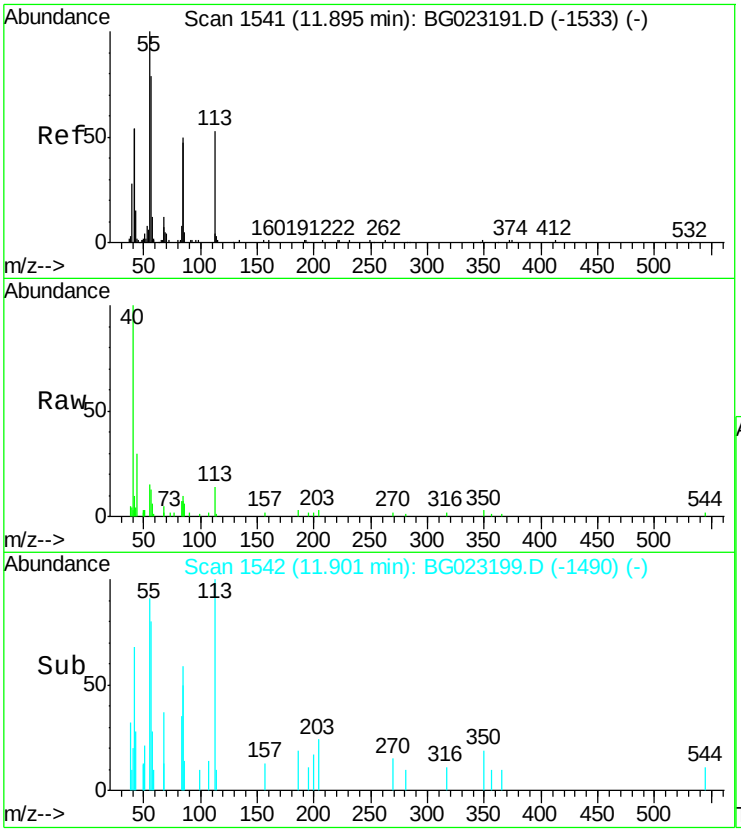


#31
Hexachlorobutadiene
Concen: 1.83 ng/ul
RT: 11.31 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:225 Resp: 18040

Ion	Ratio	Lower	Upper
225	100		
223	76.0	54.7	82.1
227	79.5	52.2	78.4#



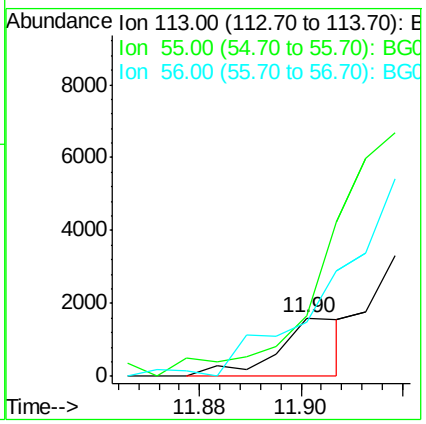


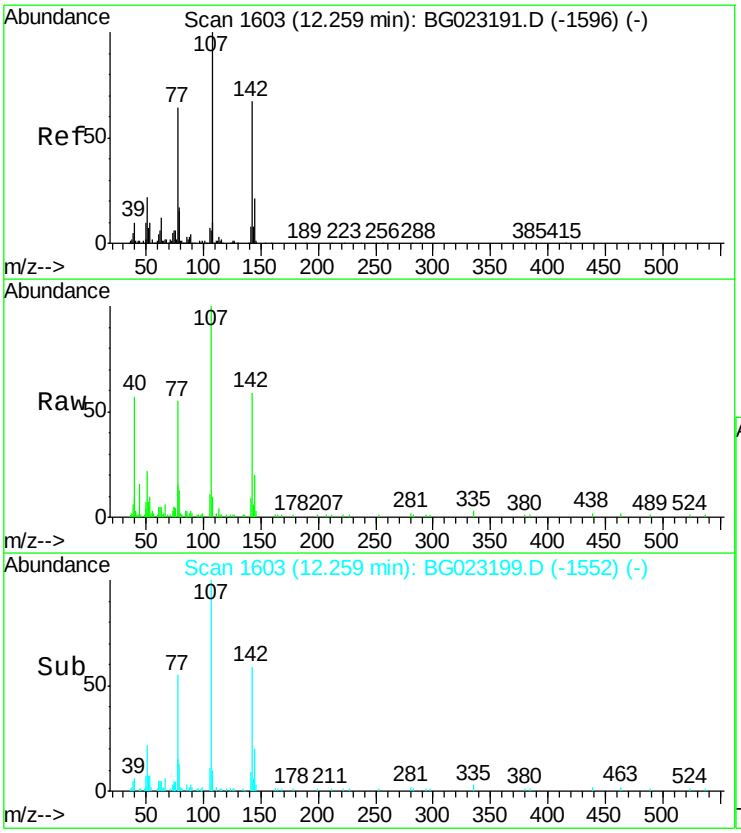
#32
Caprolactam
Concen: 0.29 ng/ul
RT: 11.90 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:113 Resp: 1493

Ion	Ratio	Lower	Upper
113	100		
55	104.1	99.6	149.4
56	93.1	66.4	99.6

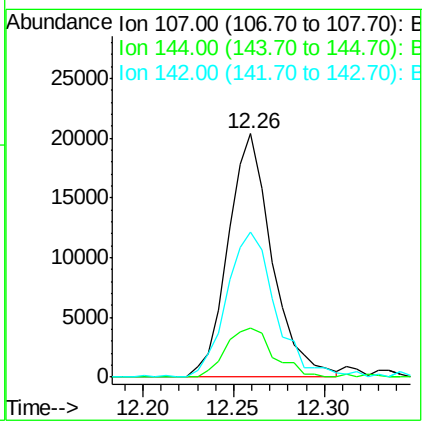


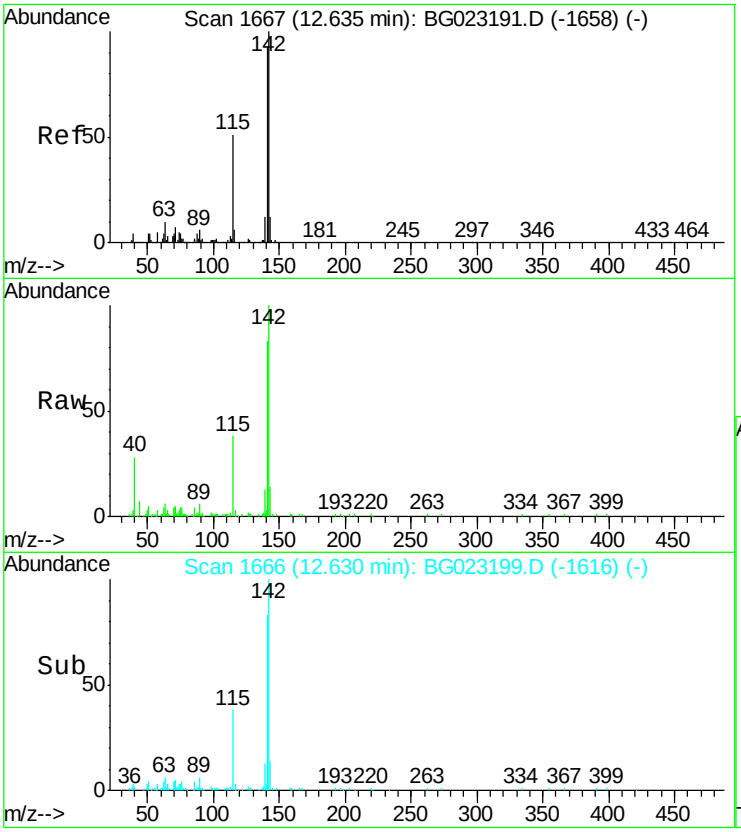


#33
4-Chloro-3-methylphenol
Concen: 2.13 ng/ul
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:107 Resp: 34261

Ion	Ratio	Lower	Upper
107	100		
144	20.3	22.7	34.1#
142	59.4	71.6	107.4#



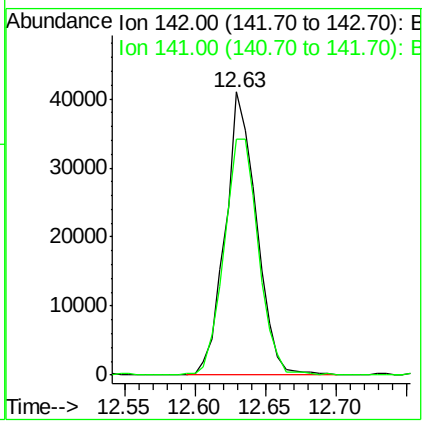


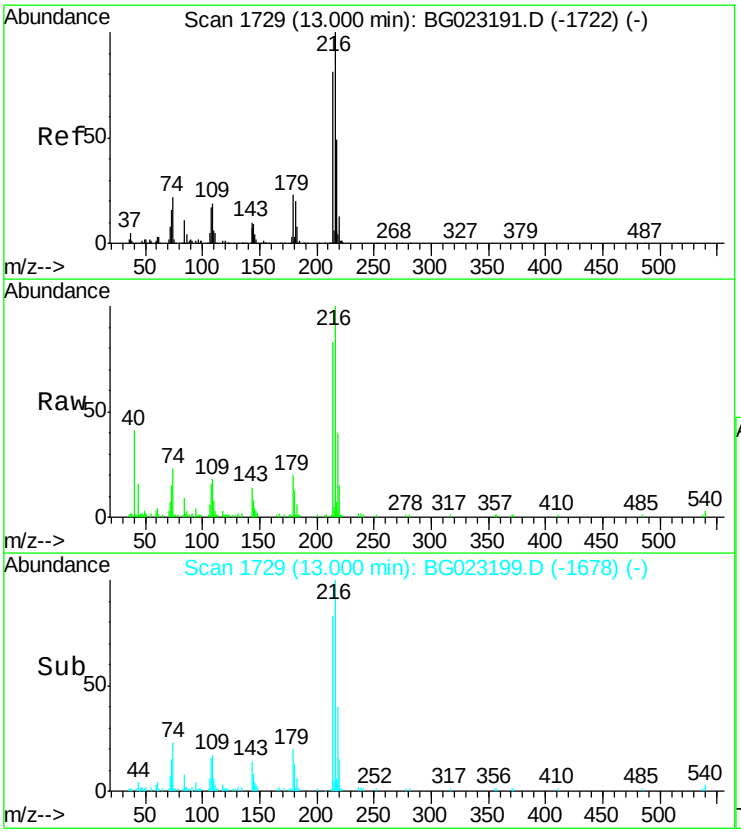
#34
2-Methylnaphthalene
Concen: 2.15 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:142 Resp: 63056

Ion	Ratio	Lower	Upper
142	100		
141	83.2	75.2	112.8

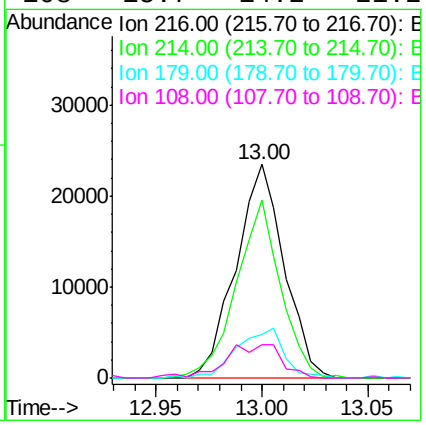


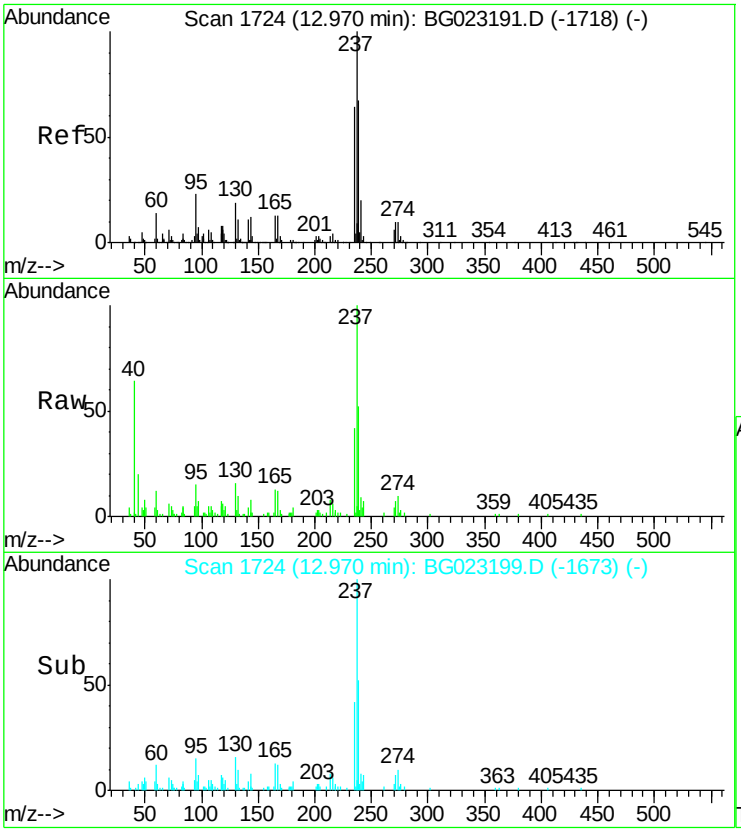


#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.12 ng/ul
RT: 13.00 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:216 Resp: 37219

Ion	Ratio	Lower	Upper
216	100		
214	83.5	61.7	92.5
179	20.3	17.0	25.4
108	15.7	14.2	21.2



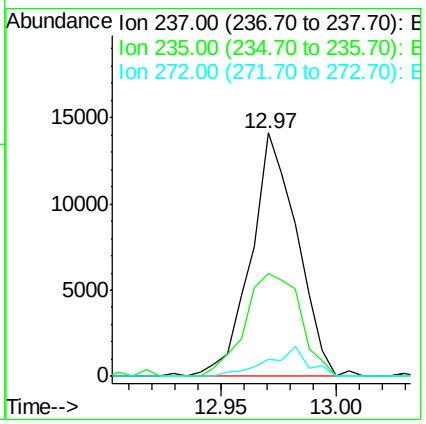


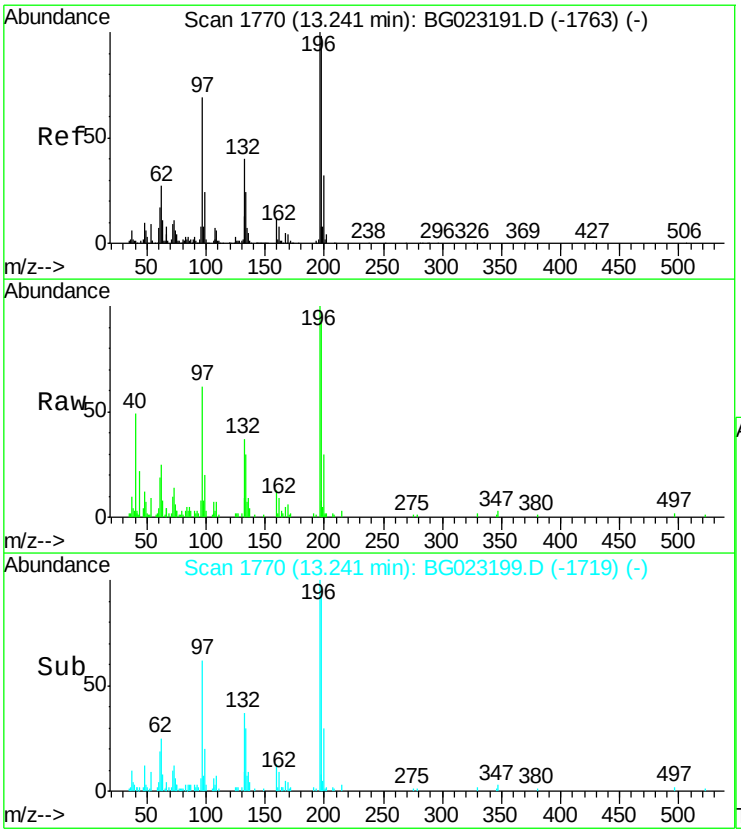
#37
Hexachlorocyclopentadiene
Concen: 1.71 ng/ul
RT: 12.97 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:237 Resp: 19554

Ion	Ratio	Lower	Upper
237	100		
235	42.2	49.6	74.4#
272	7.2	9.3	13.9#

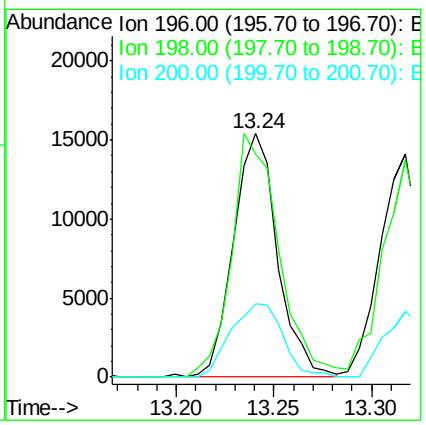


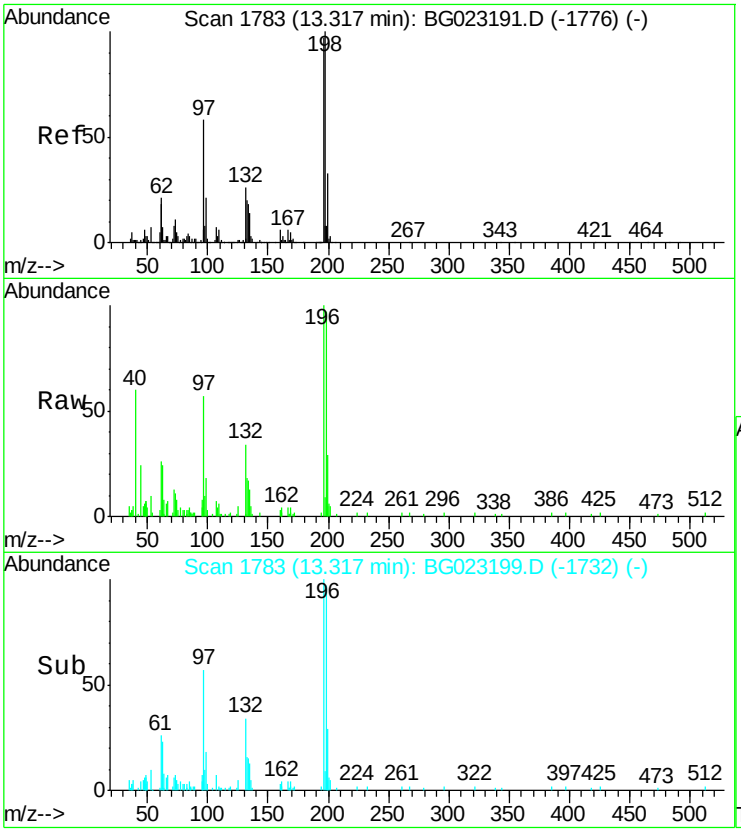


#38
2,4,6-Trichlorophenol
Concen: 1.98 ng/ul
RT: 13.24 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:196 Resp: 24099

Ion	Ratio	Lower	Upper
196	100		
198	91.7	77.4	116.0
200	30.3	26.6	39.8



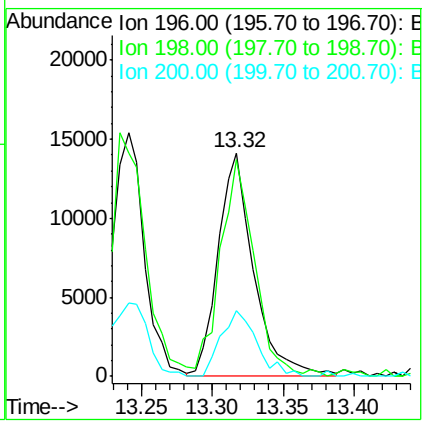


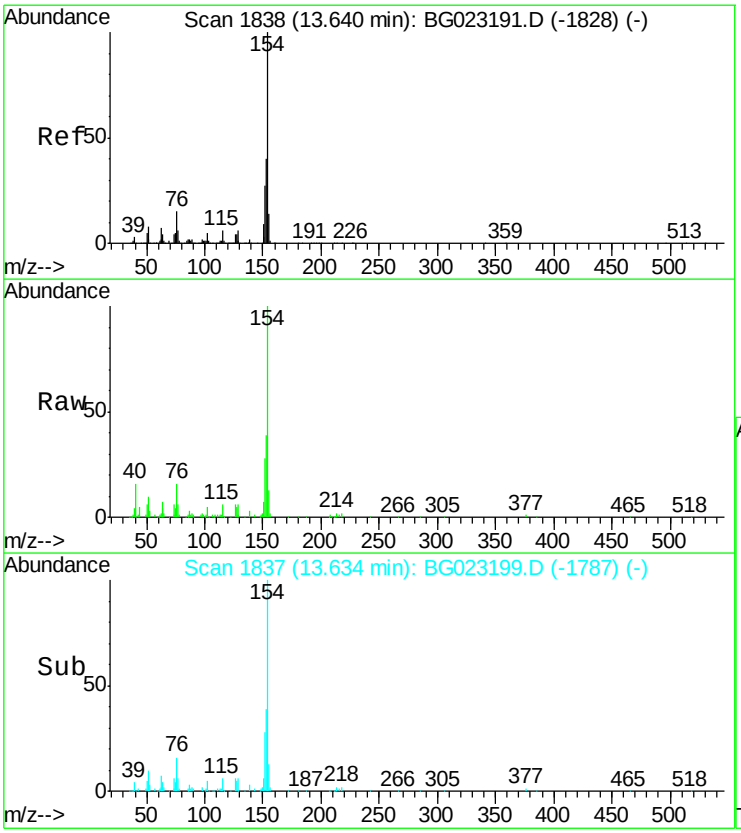
#39
2,4,5-Trichlorophenol
Concen: 2.01 ng/ul
RT: 13.32 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:196 Resp: 24958

Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.8	119.8
200	29.1	24.0	36.0

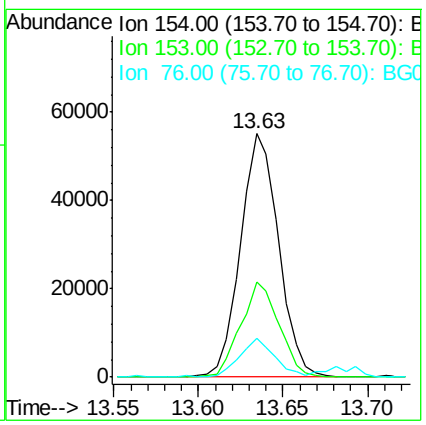


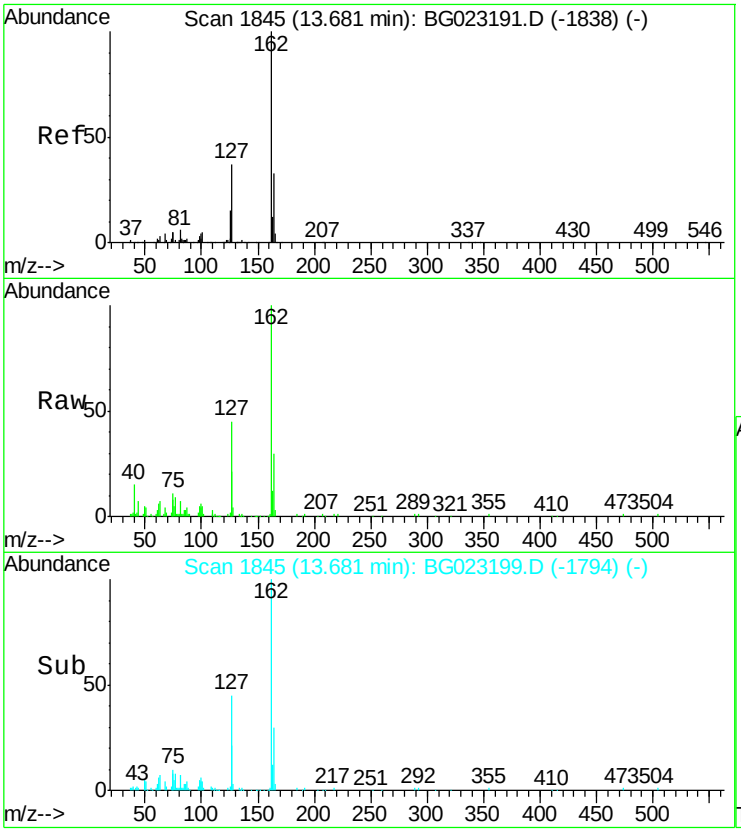


#40
1,1'-Biphenyl
Concen: 2.19 ng/ul
RT: 13.63 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:154 Resp: 86596

Ion	Ratio	Lower	Upper
154	100		
153	39.2	34.6	52.0
76	15.7	11.9	17.9



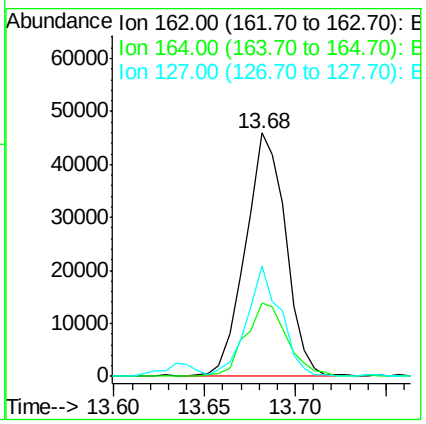


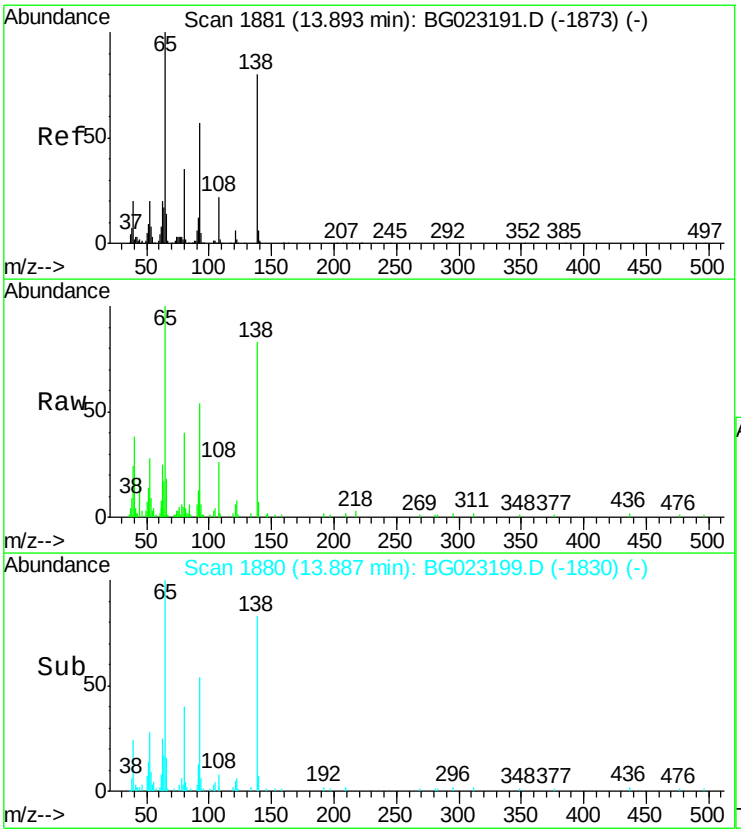
#41
2-Chloronaphthalene
Concen: 2.22 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:162 Resp: 70809

Ion	Ratio	Lower	Upper
162	100		
164	30.0	25.4	38.2
127	45.5	30.2	45.4#

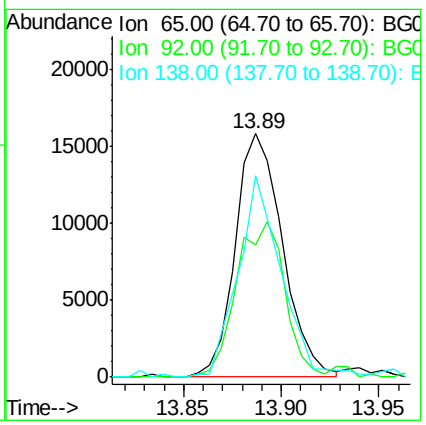


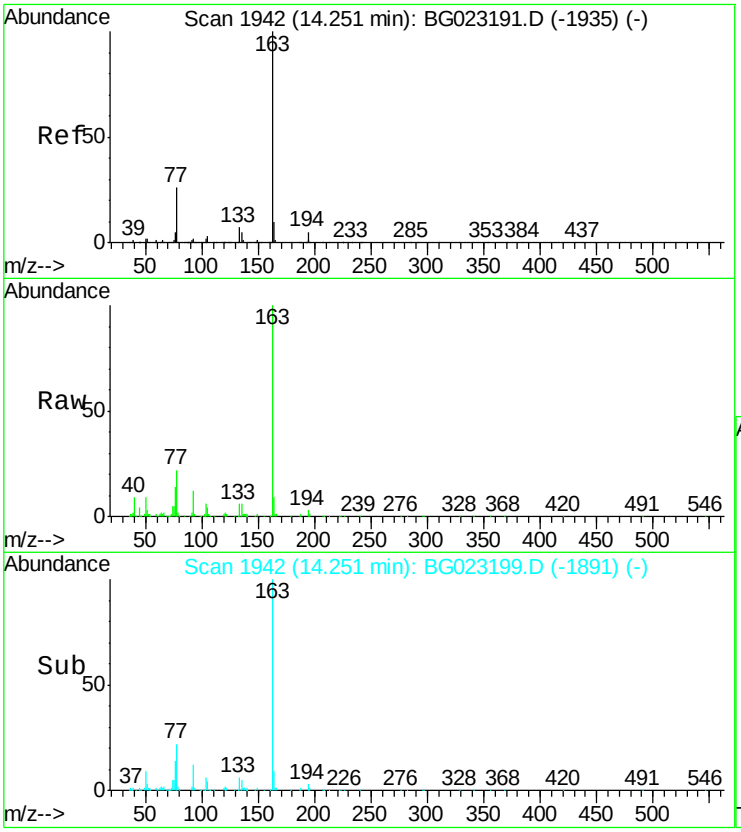


#42
2-Nitroaniline
Concen: 1.87 ng/ul
RT: 13.89 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion: 65 Resp: 26531

Ion	Ratio	Lower	Upper
65	100		
92	54.4	67.1	100.7#
138	82.7	109.6	164.4#



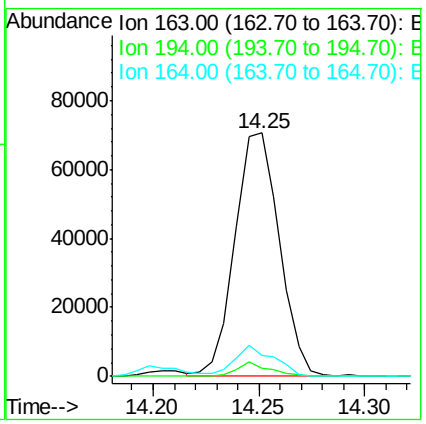


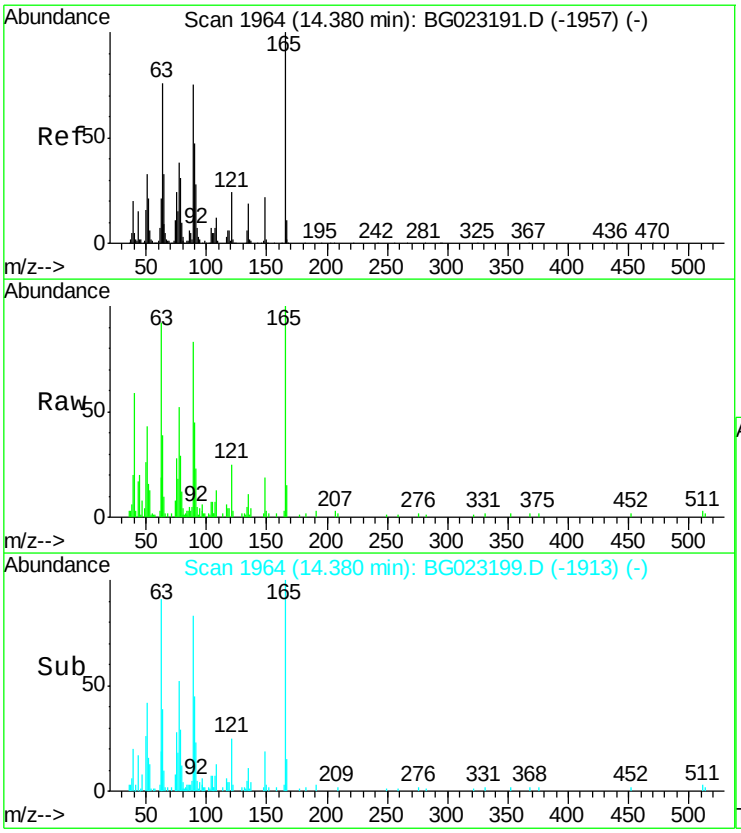
#44
Dimethylphthalate
Concen: 2.32 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:163 Resp: 103169

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.2#
164	8.6	8.8	13.2#

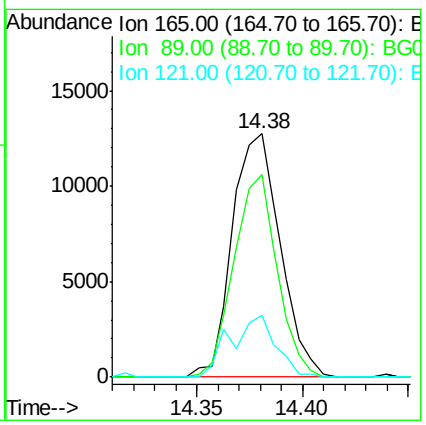


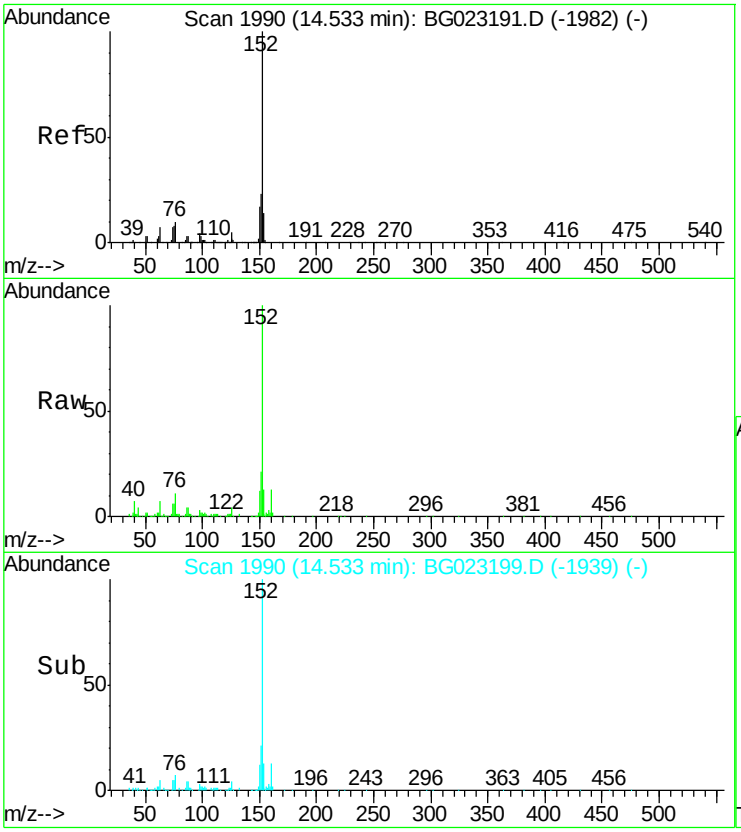


#45
2,6-Dinitrotoluene
Concen: 2.08 ng/ul
RT: 14.38 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:165 Resp: 19998

Ion	Ratio	Lower	Upper
165	100		
89	83.5	41.5	62.3#
121	25.3	17.0	25.4



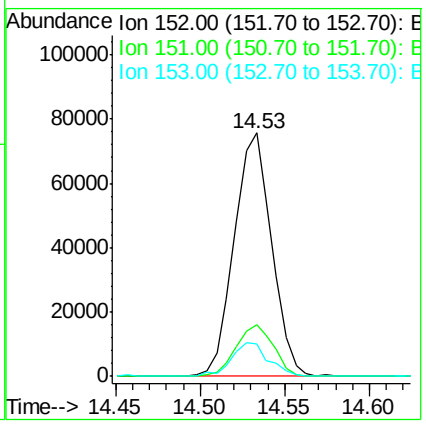


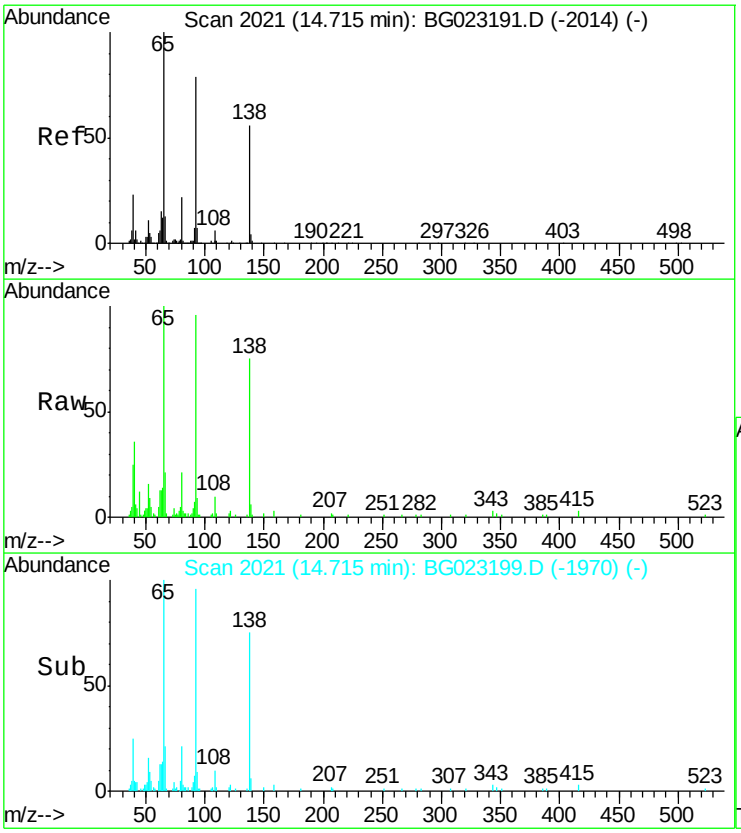
#47
Acenaphthylene
Concen: 2.32 ng/ul
RT: 14.53 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:152 Resp: 117024

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	13.4	11.1	16.7

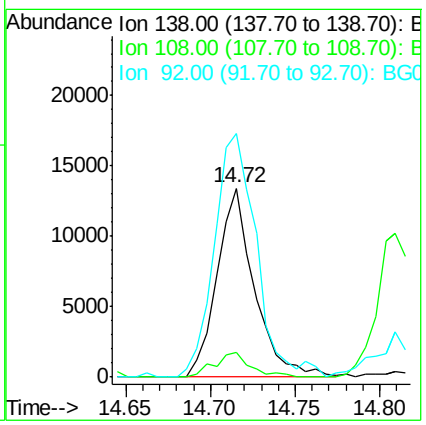


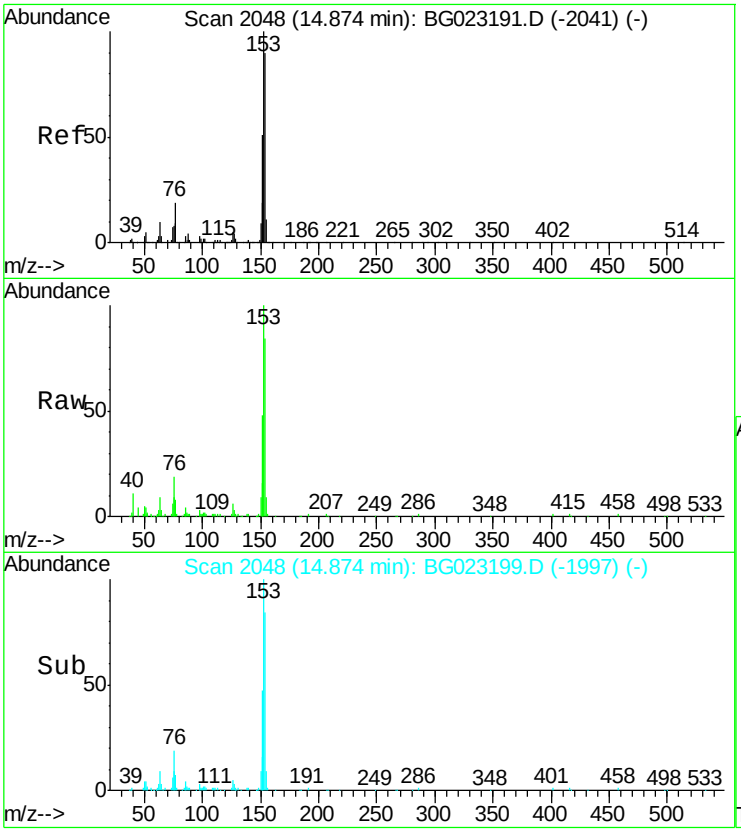


#48
3-Nitroaniline
Concen: 2.51 ng/ul
RT: 14.72 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:138 Resp: 20688

Ion	Ratio	Lower	Upper
138	100		
108	12.8	6.2	9.2#
92	128.7	79.3	118.9#



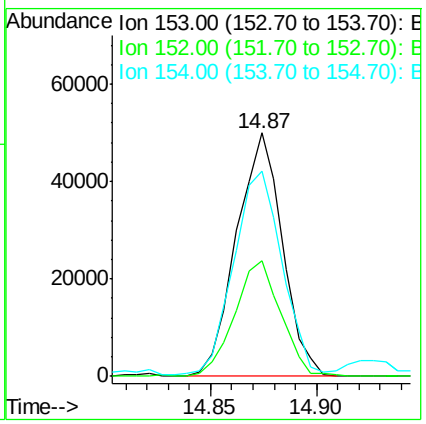


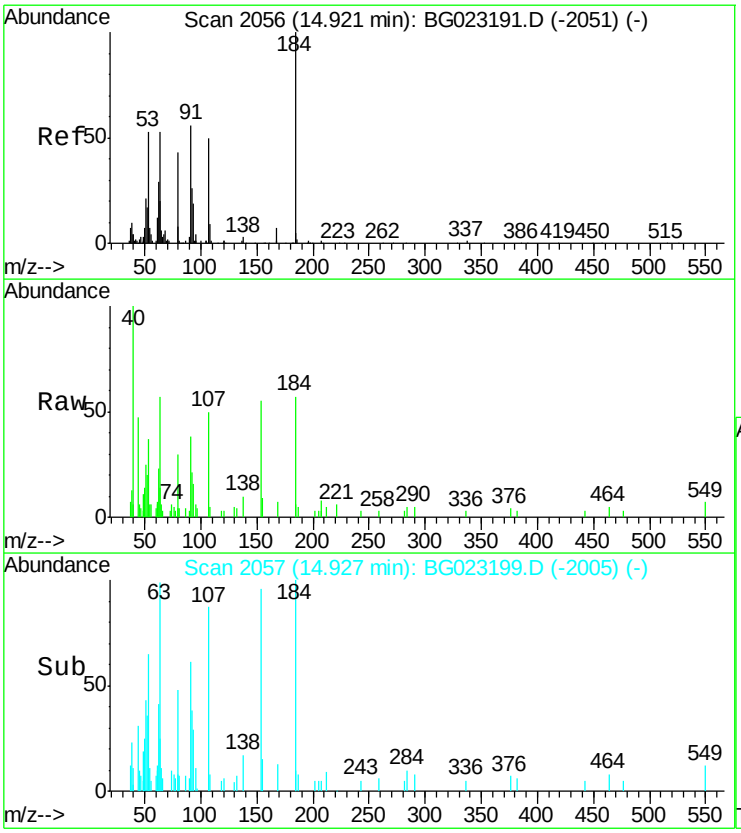
#49
Acenaphthene
Concen: 2.20 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:153 Resp: 75089

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.3	55.9
154	84.3	68.2	102.2

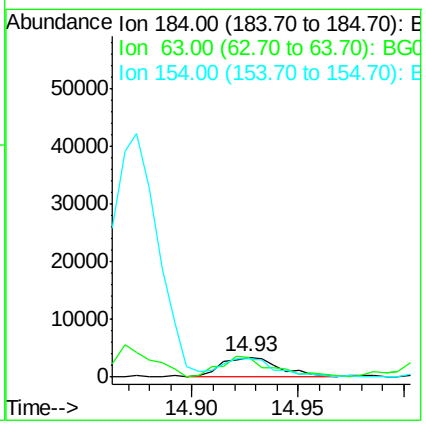


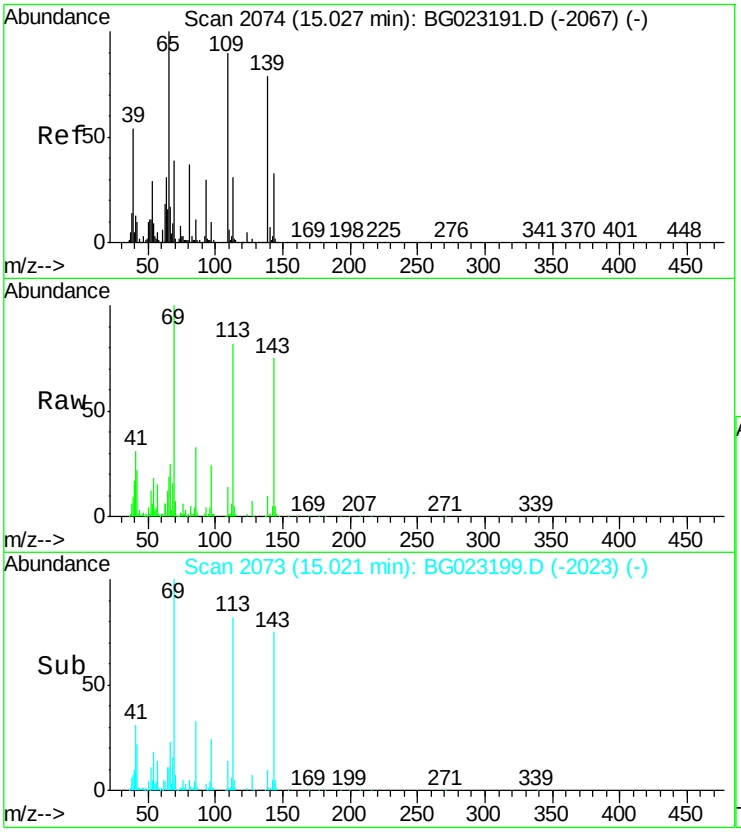


#50
2,4-Dinitrophenol
Concen: 1.09 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:184 Resp: 6575

Ion	Ratio	Lower	Upper
184	100		
63	99.4	40.5	60.7#
154	96.3	48.5	72.7#



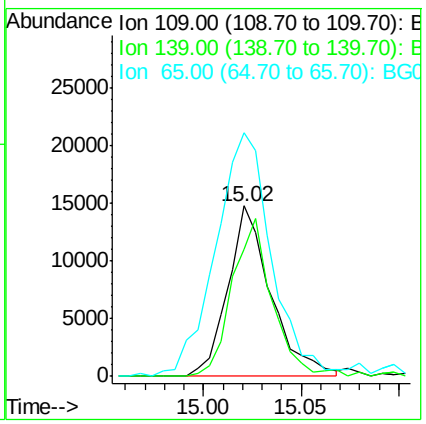


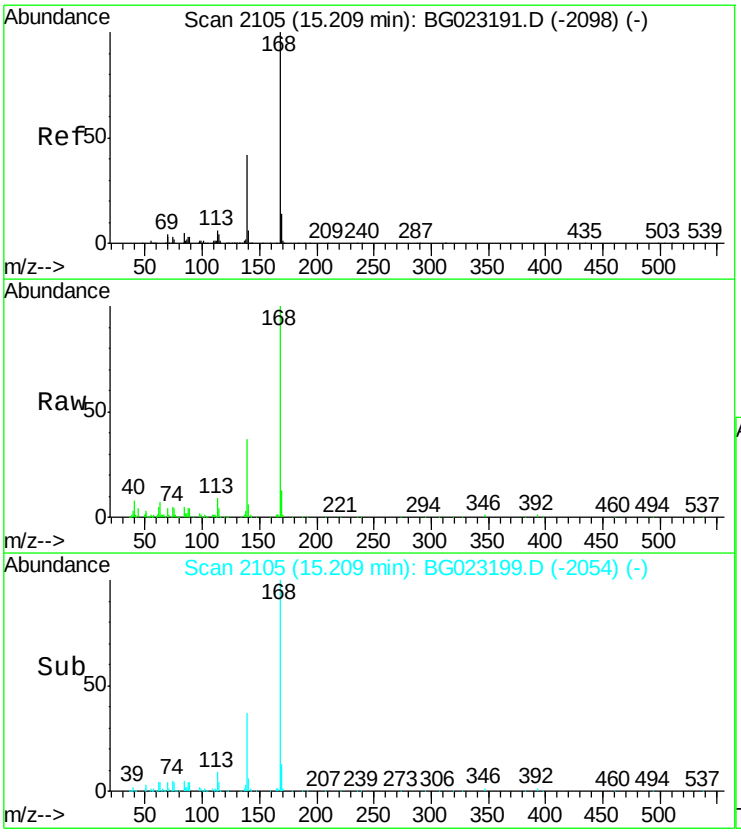
#52
4-Nitrophenol
Concen: 2.46 ng/ul
RT: 15.02 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:109 Resp: 22626

Ion	Ratio	Lower	Upper
109	100		
139	74.5	136.1	204.1#
65	143.1	106.0	159.0

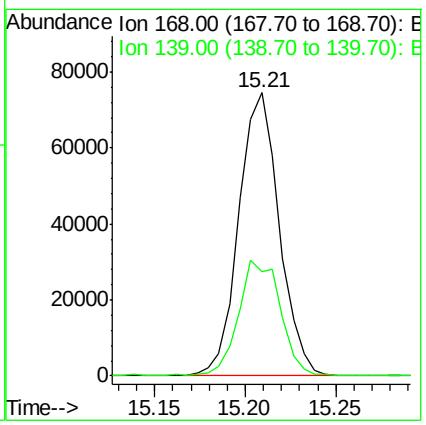


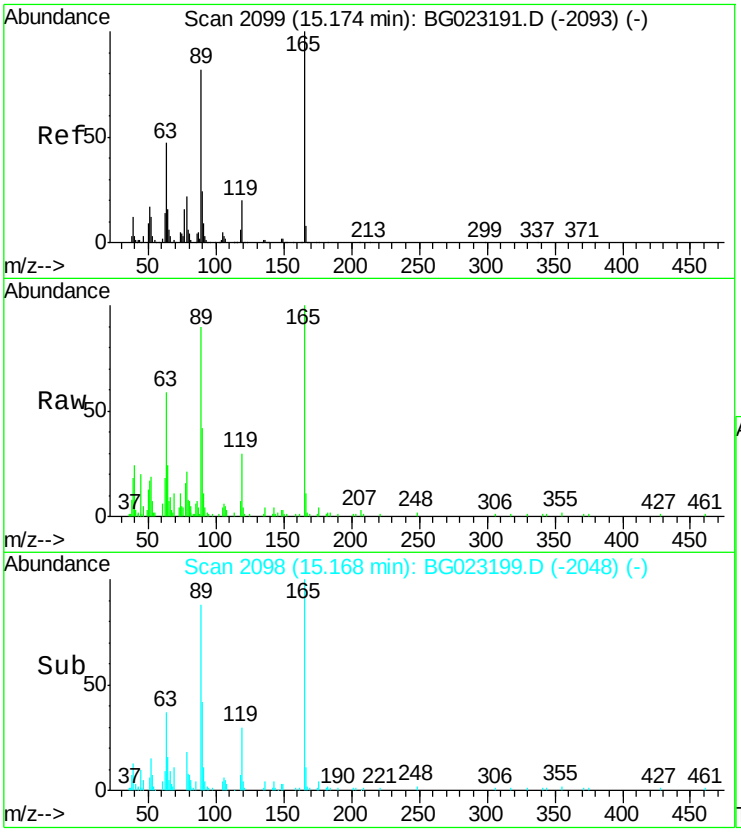


#53
Dibenzofuran
Concen: 2.30 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:168 Resp: 115650

Ion	Ratio	Lower	Upper
168	100		
139	36.7	27.4	41.0



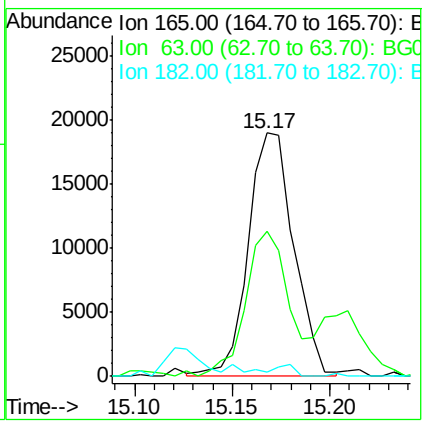


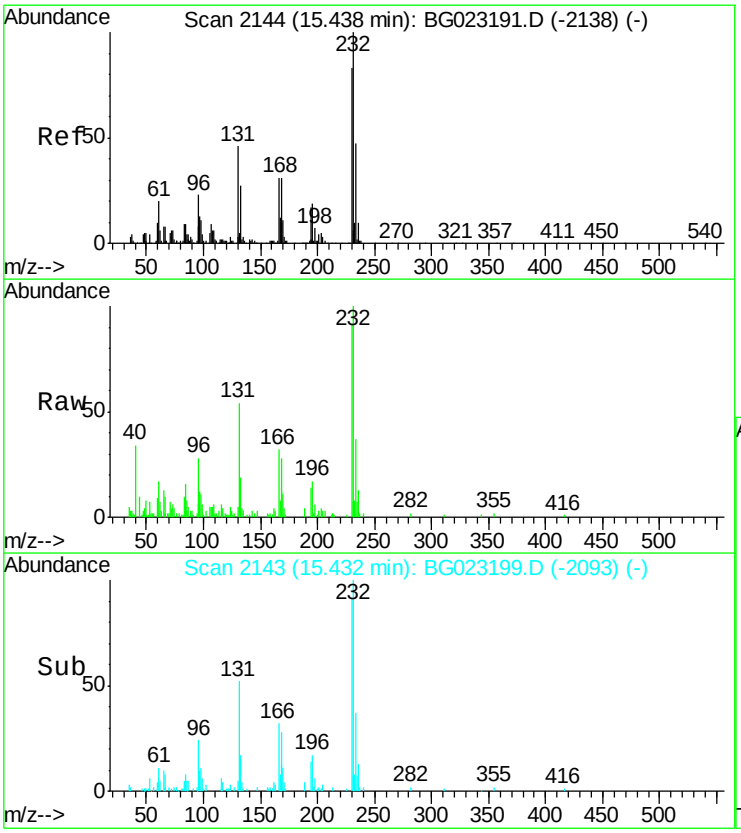
#54
2,4-Dinitrotoluene
Concen: 2.09 ng/ul
RT: 15.17 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:165 Resp: 30735

Ion	Ratio	Lower	Upper
165	100		
63	59.4	25.7	38.5#
182	1.6	2.1	3.1#

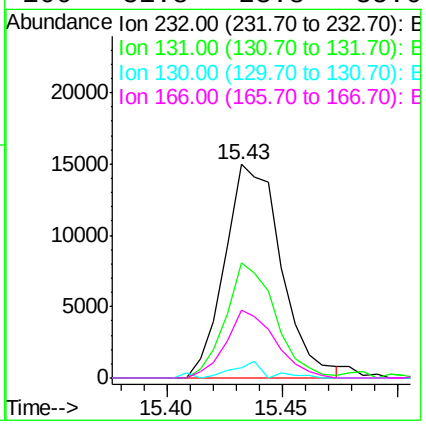


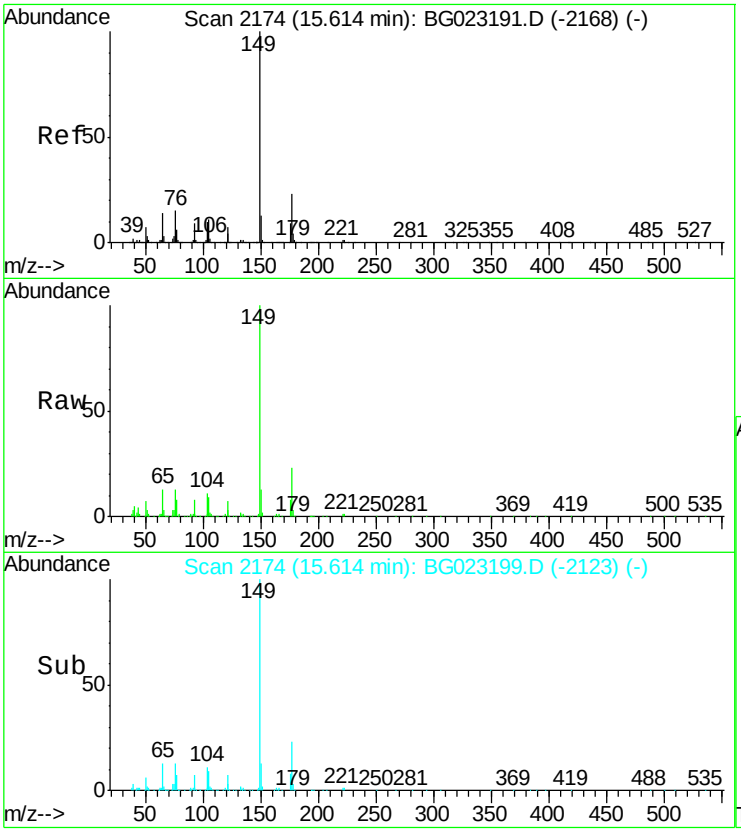


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.02 ng/ul
RT: 15.43 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:232 Resp: 25411

Ion	Ratio	Lower	Upper
232	100		
131	53.7	34.8	52.2#
130	4.9	2.2	3.2#
166	31.8	23.8	35.6



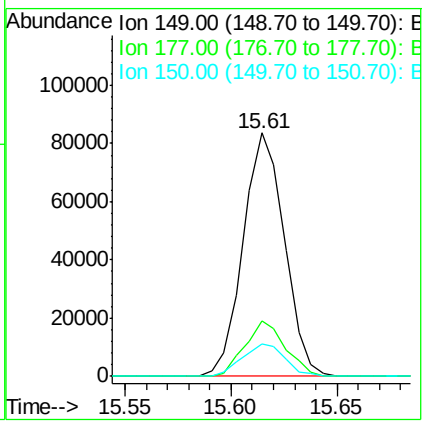


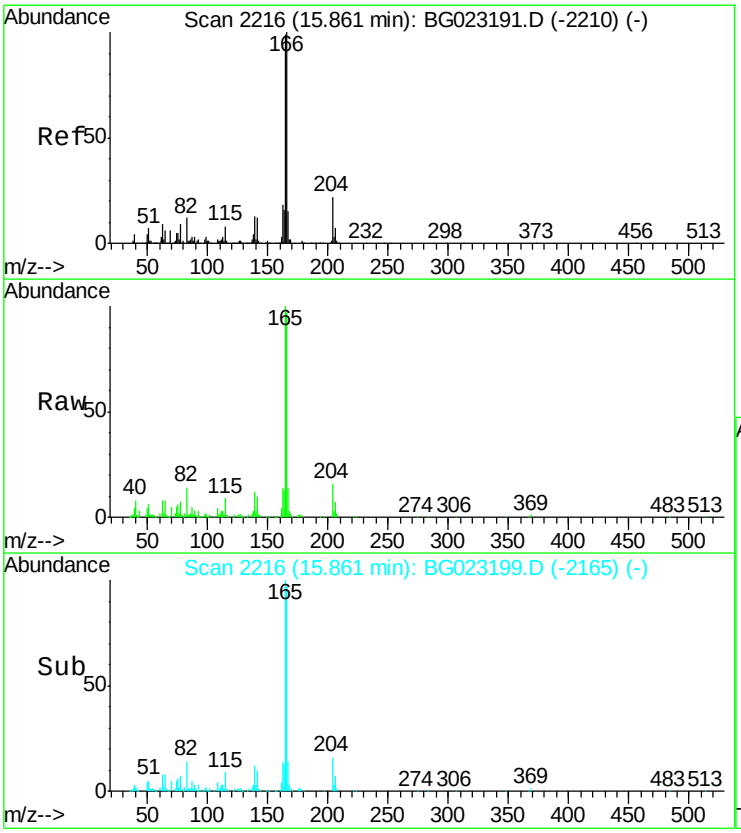
#56
Diethylphthalate
Concen: 2.41 ng/ul
RT: 15.61 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:149 Resp: 113684

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	13.3	9.6	14.4

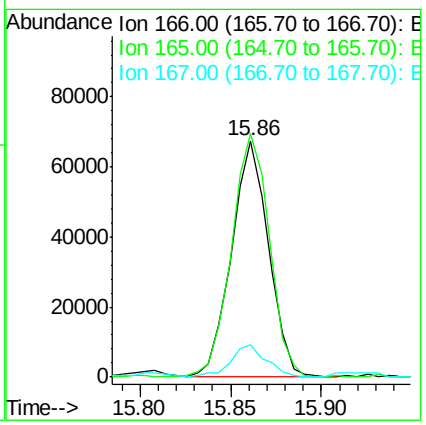


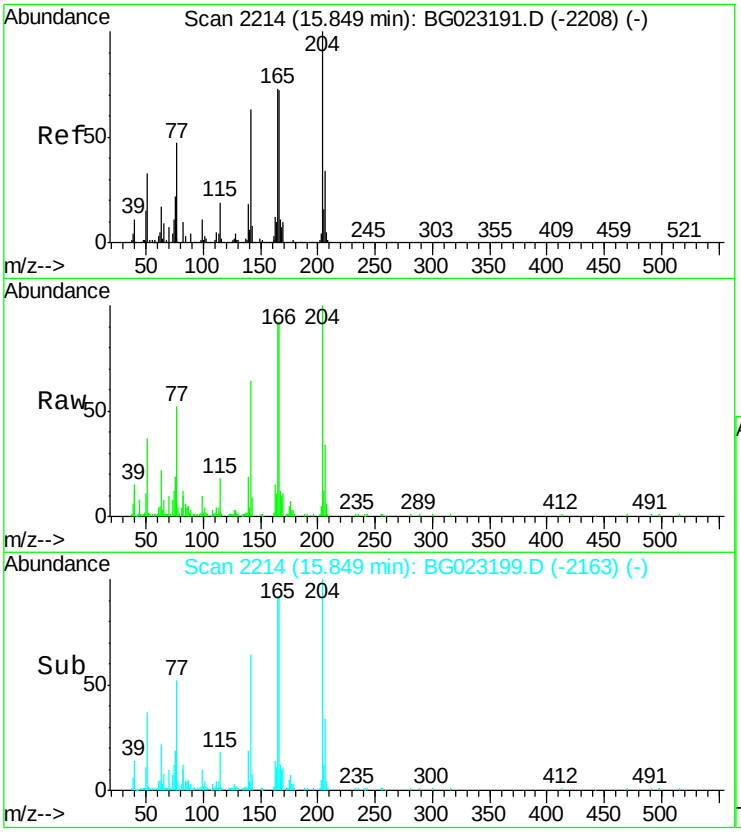


#58
Fluorene
Concen: 2.31 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:166 Resp: 95719

Ion	Ratio	Lower	Upper
166	100		
165	102.9	80.3	120.5
167	13.9	10.3	15.5



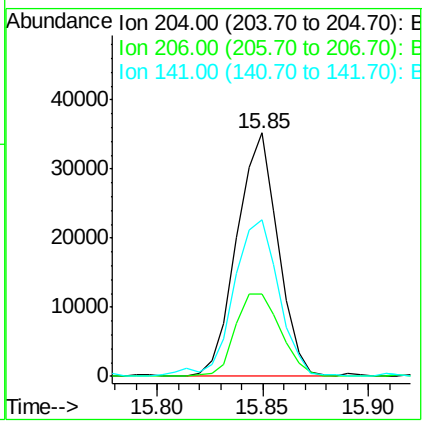


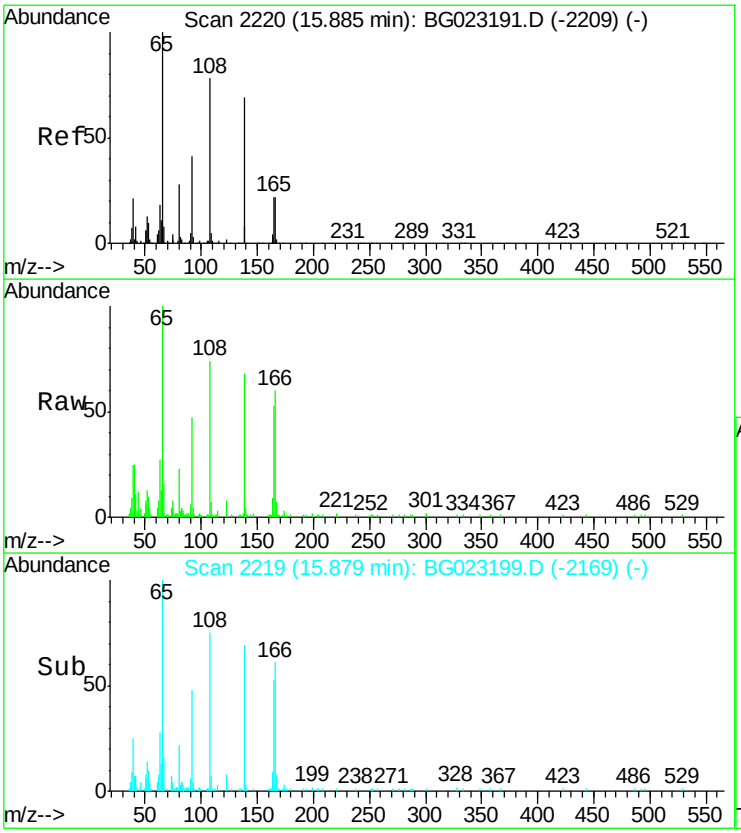
#59
4-Chlorophenyl-phenylether
Concen: 2.09 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:204 Resp: 47602

Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.4	41.2
141	64.1	47.1	70.7

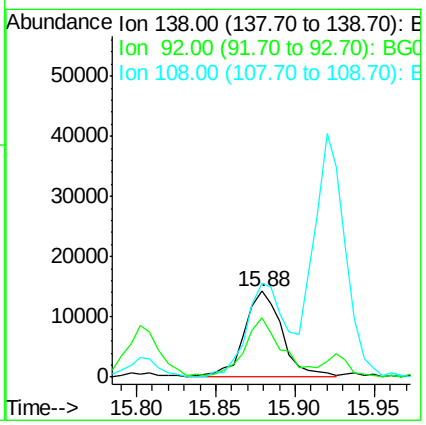


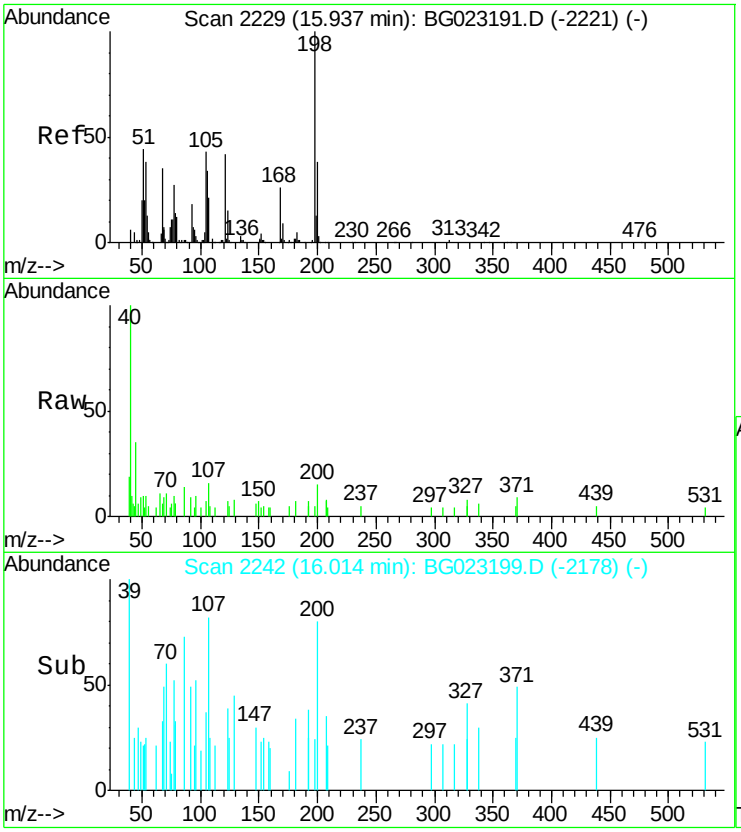


#60
4-Nitroaniline
Concen: 2.36 ng/ul
RT: 15.88 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:138 Resp: 23892

Ion	Ratio	Lower	Upper
138	100		
92	69.1	39.0	58.4#
108	108.7	49.2	73.8#



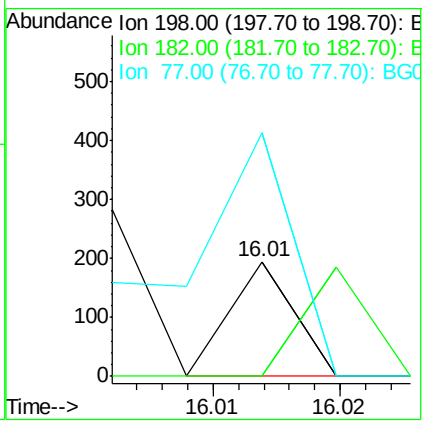


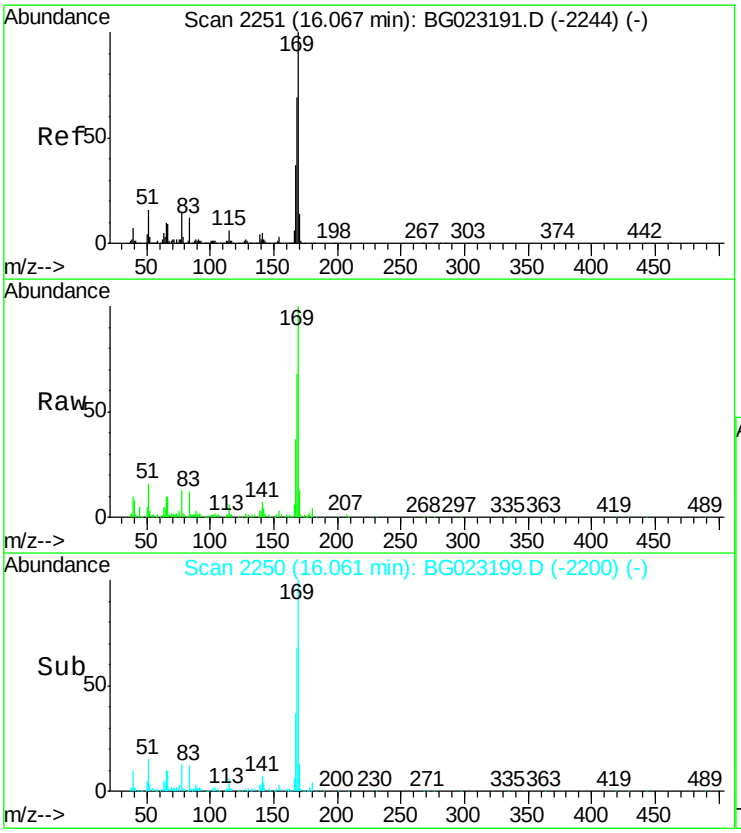
#63
4,6-Dinitro-2-methylphenol
Concen: 0.01 ng/ul
RT: 16.01 min Scan# 2242
Delta R.T. 0.08 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:198 Resp: 69

Ion	Ratio	Lower	Upper
198	100		
182	0.0	4.2	6.2#
77	211.8	16.7	25.1#

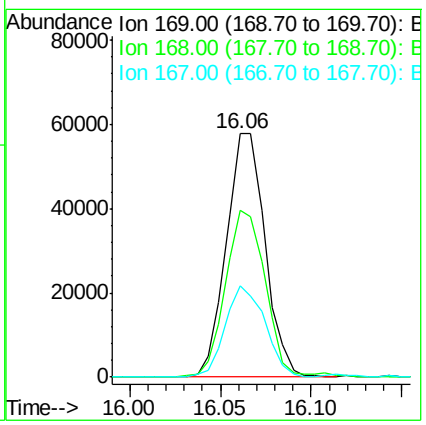


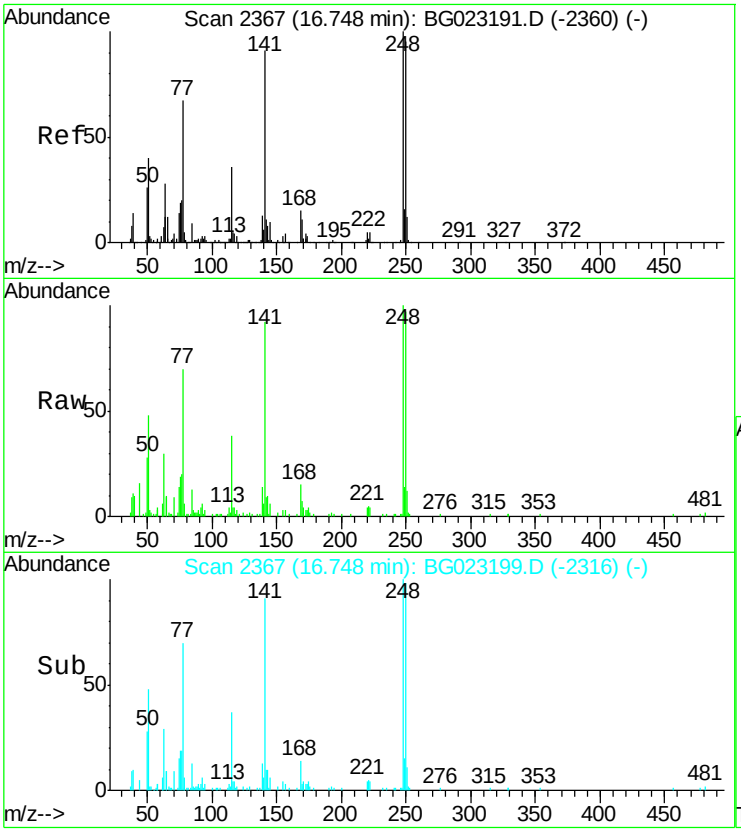


#64
N-Nitrosodiphenylamine
Concen: 1.78 ng/ul
RT: 16.06 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:169 Resp: 86093

Ion	Ratio	Lower	Upper
169	100		
168	68.5	59.0	88.6
167	37.3	30.6	46.0



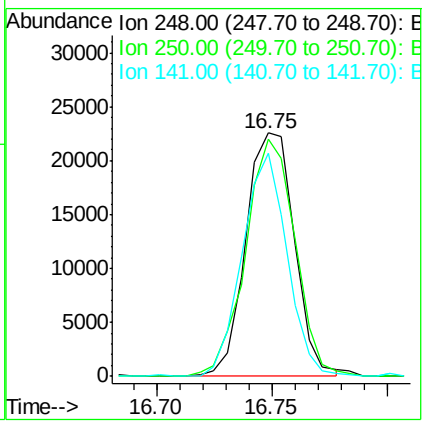


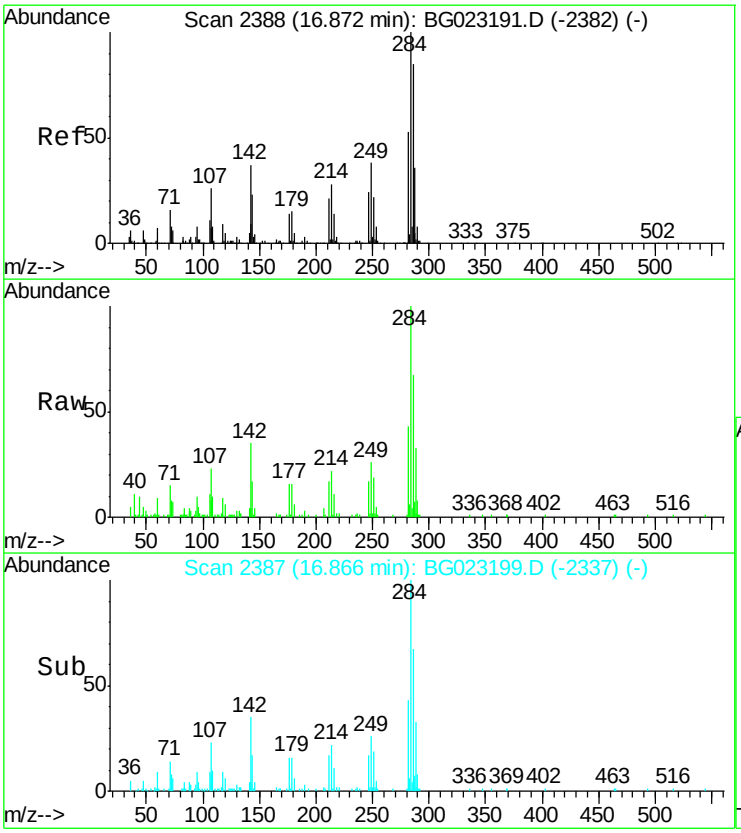
#65
4-Bromophenyl-phenylether
Concen: 1.72 ng/ul
RT: 16.75 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:248 Resp: 33016

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.6	114.8
141	91.5	61.8	92.6

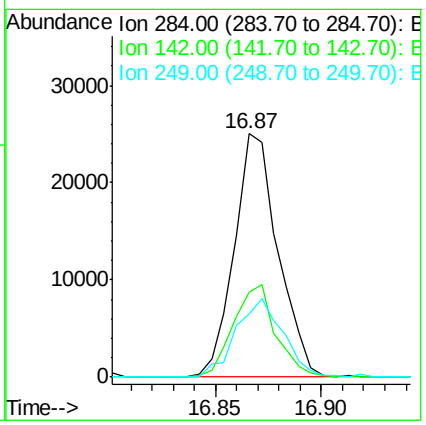


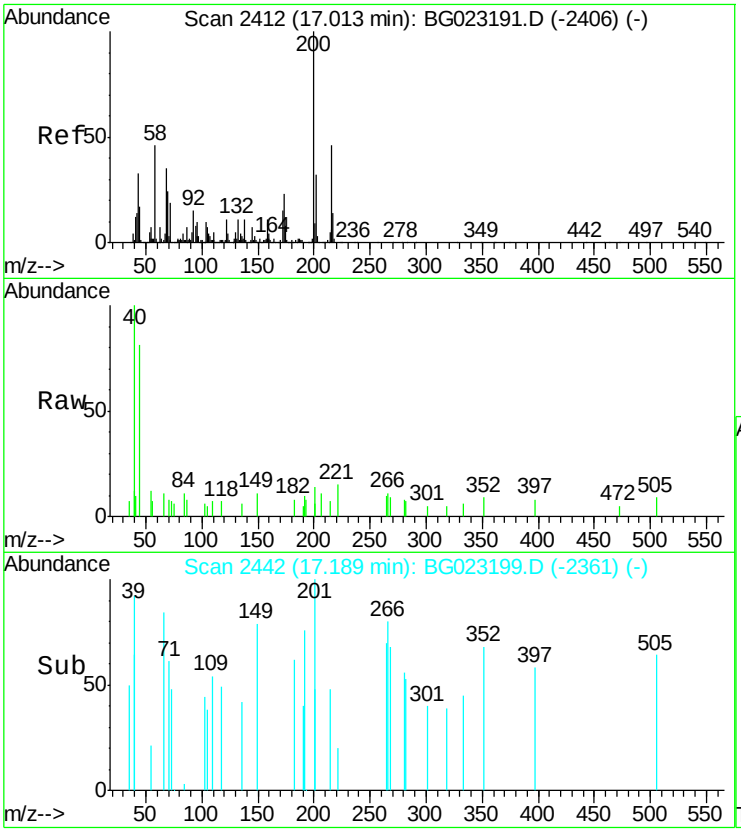


#66
Hexachlorobenzene
Concen: 1.83 ng/ul
RT: 16.87 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:284 Resp: 35970

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.8	41.8
249	26.2	24.4	36.6



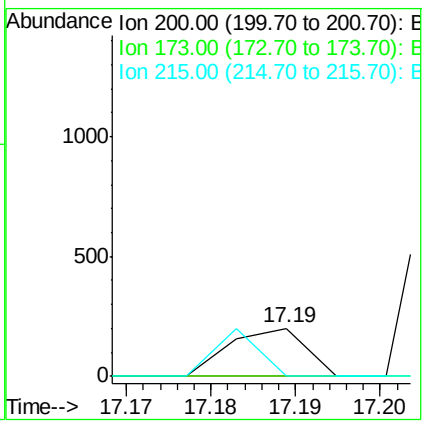


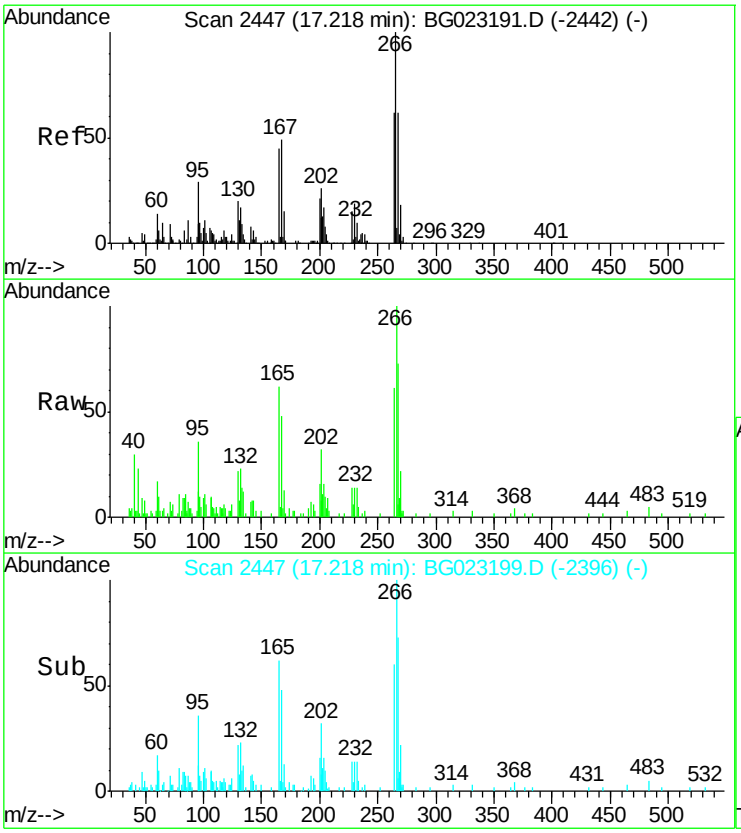
#67
Atrazine
Concen: 0.01 ng/ul
RT: 17.19 min Scan# 2442
Delta R.T. 0.18 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:200 Resp: 125

Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.0	31.6#
215	0.0	37.9	56.9#

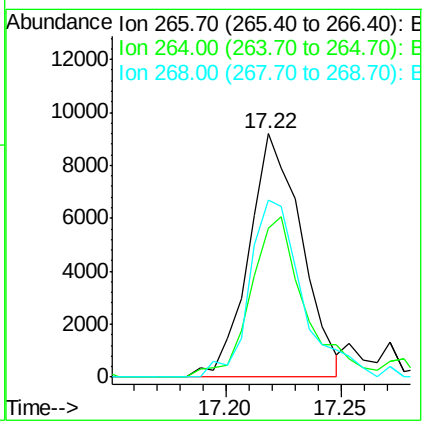


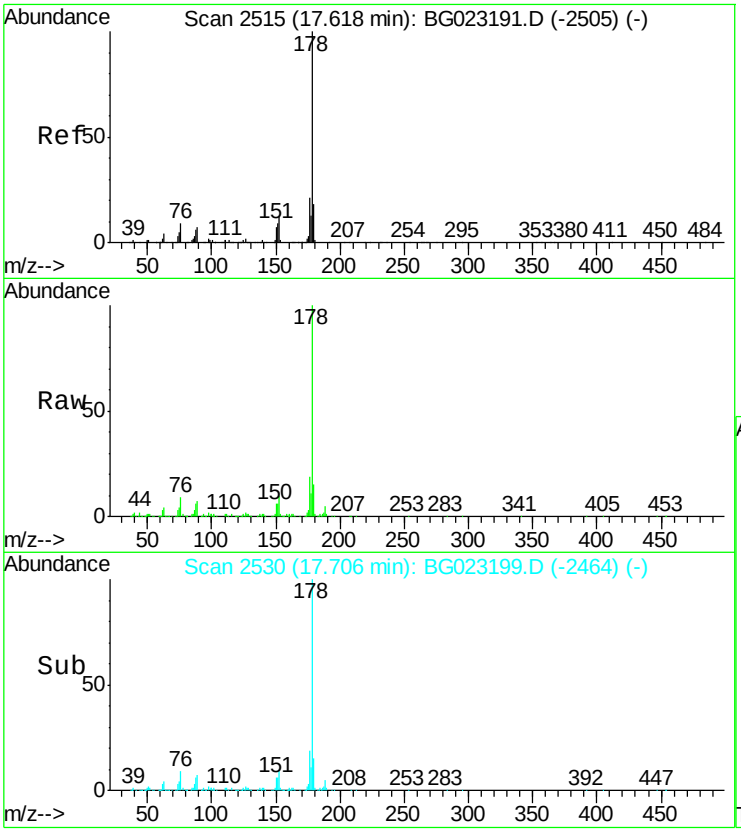


#68
Pentachlorophenol
Concen: 1.20 ng/ul
RT: 17.22 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:266 Resp: 14596

Ion	Ratio	Lower	Upper
266	100		
264	61.3	54.7	82.1
268	81.9	57.8	86.8



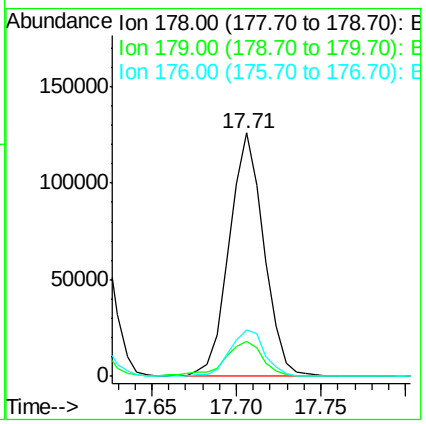


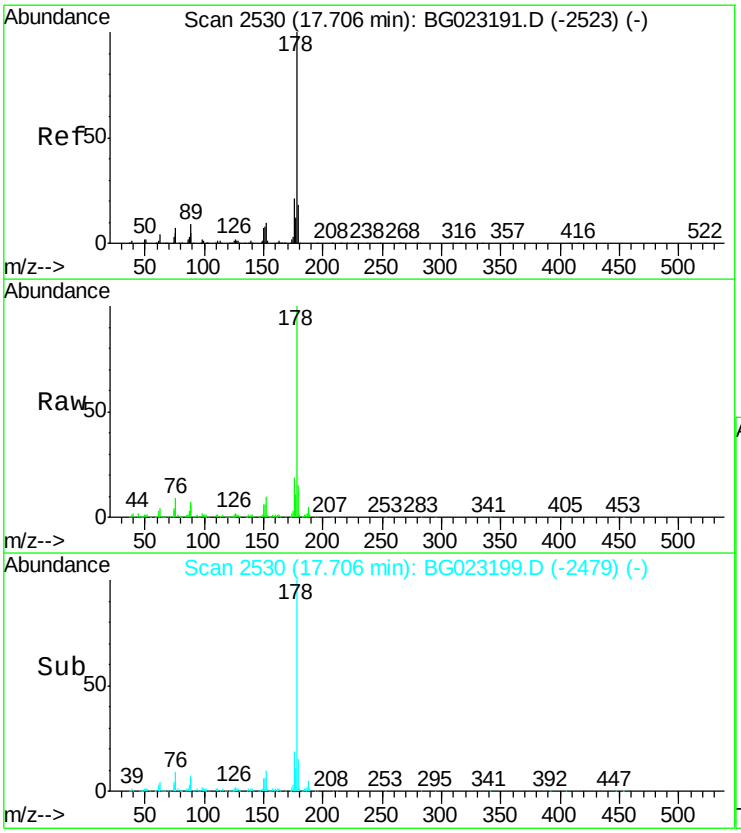
#69
Phenanthrene
Concen: 2.07 ng/ul
RT: 17.71 min Scan# 2530
Delta R.T. 0.09 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:178 Resp: 178254

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.9	19.3
176	19.0	15.8	23.8

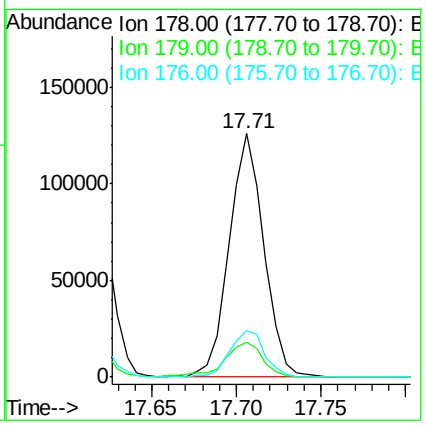


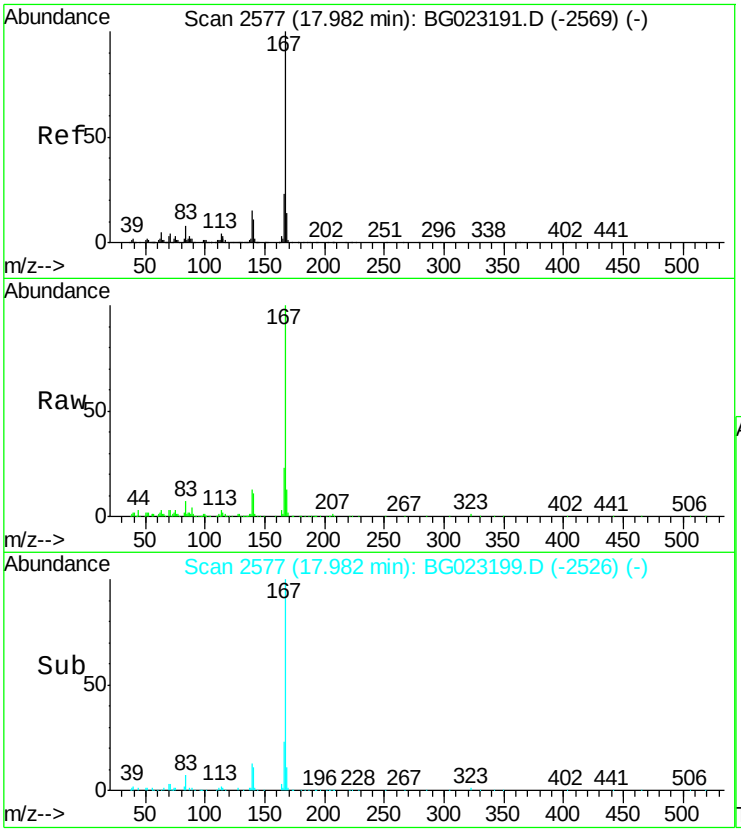


#71
Anthracene
Concen: 1.98 ng/ul
RT: 17.71 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:178 Resp: 178254

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	19.0	16.3	24.5



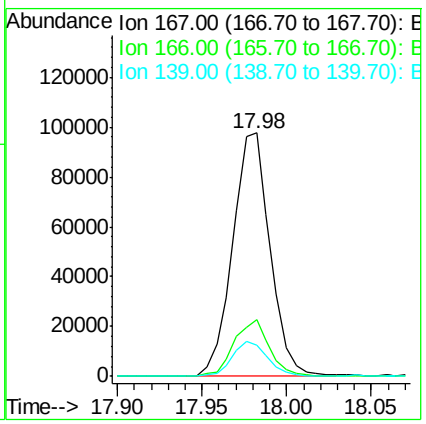


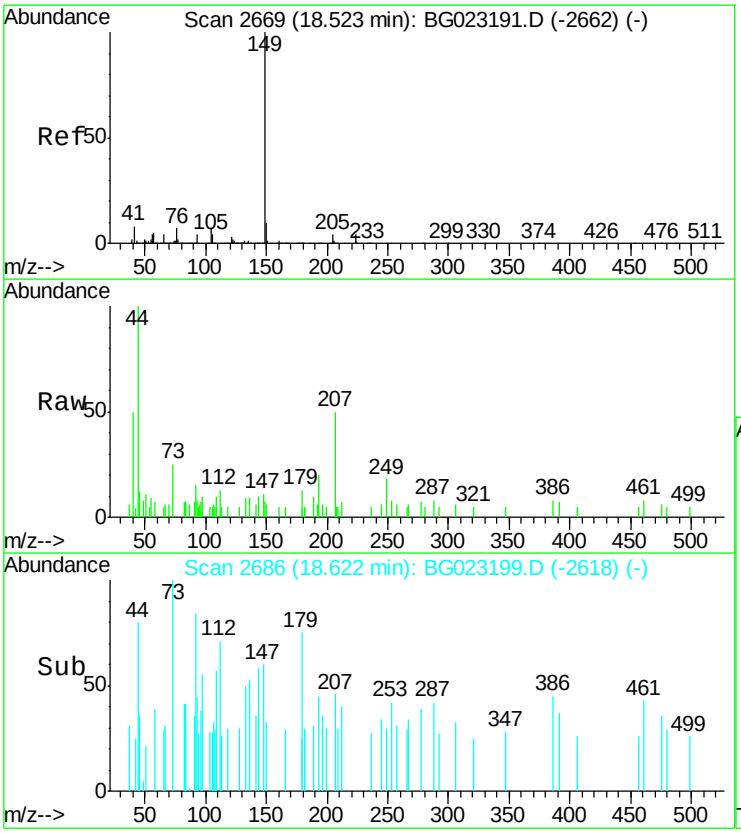
#72
Carbazole
Concen: 2.12 ng/ul
RT: 17.98 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:167 Resp: 150653

Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	12.8	10.2	15.4

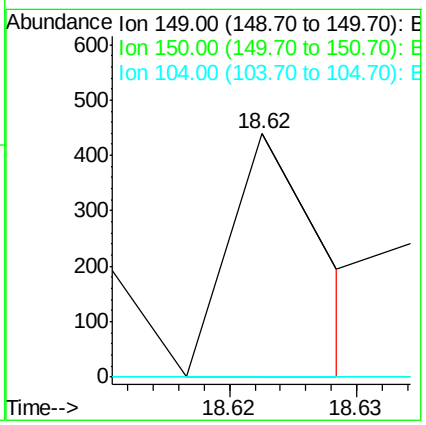


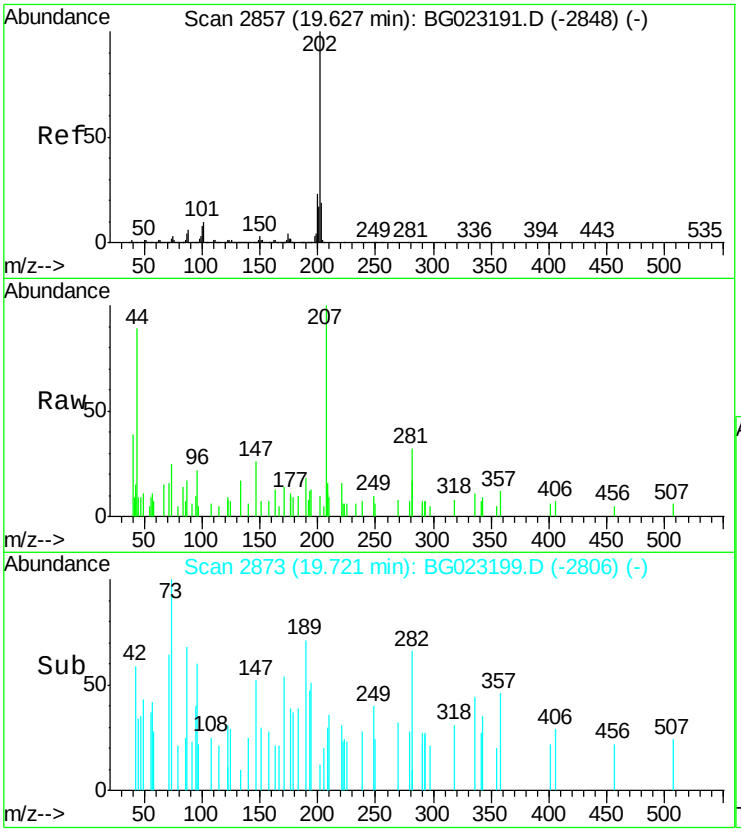


#73
Di-n-butylphthalate
Concen: 0.00 ng/ul
RT: 18.62 min Scan# 2686
Delta R.T. 0.10 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:149 Resp: 223

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	3.3	4.9#



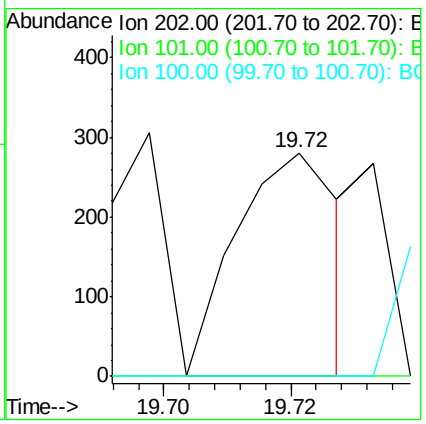


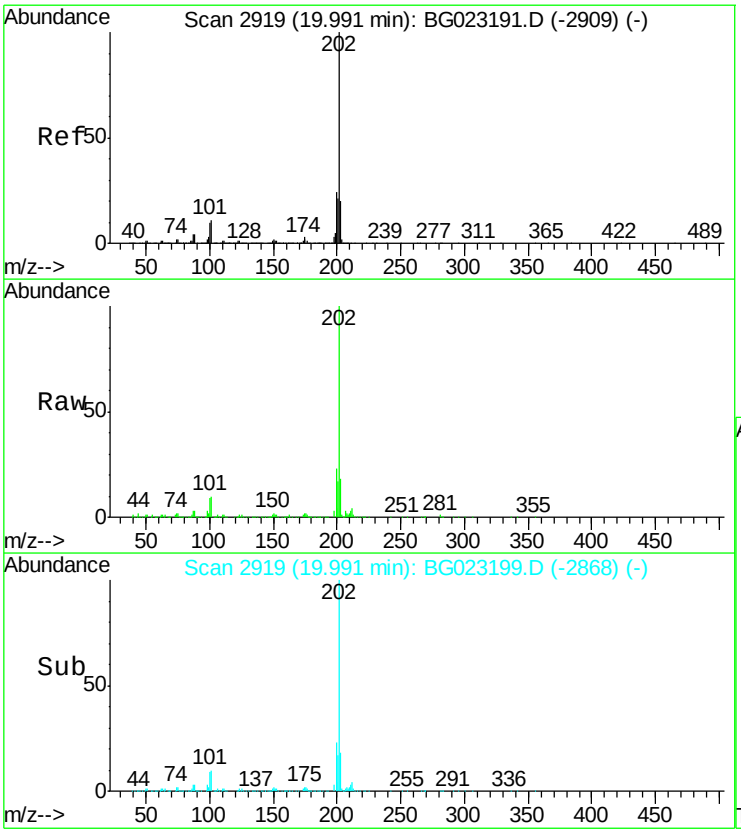
#74
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.72 min Scan# 2873
Delta R.T. 0.09 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:202 Resp: 316

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	0.0	8.7	13.1#

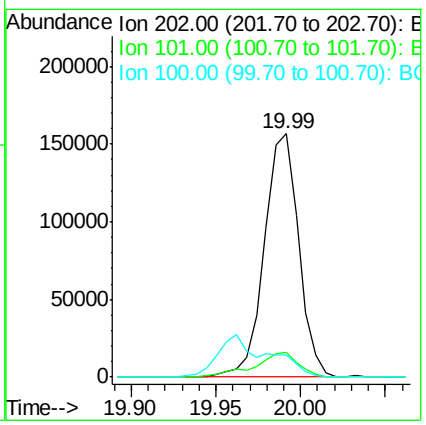


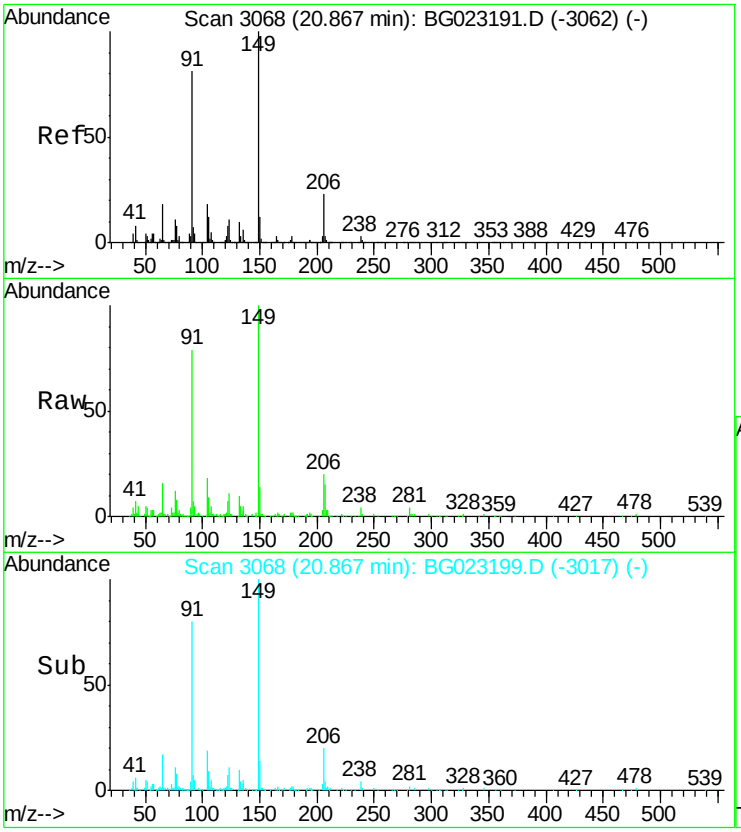


#77
Pyrene
Concen: 2.62 ng/ul
RT: 19.99 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:202 Resp: 221697

Ion	Ratio	Lower	Upper
202	100		
101	10.2	12.5	18.7#
100	9.1	10.2	15.4#



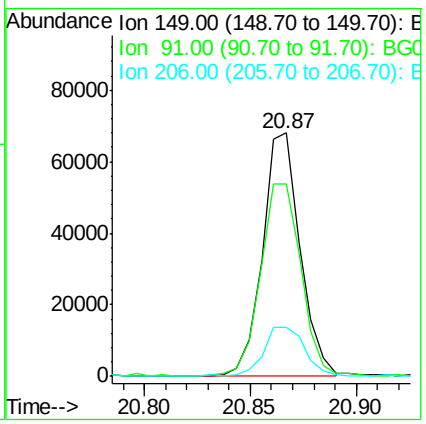


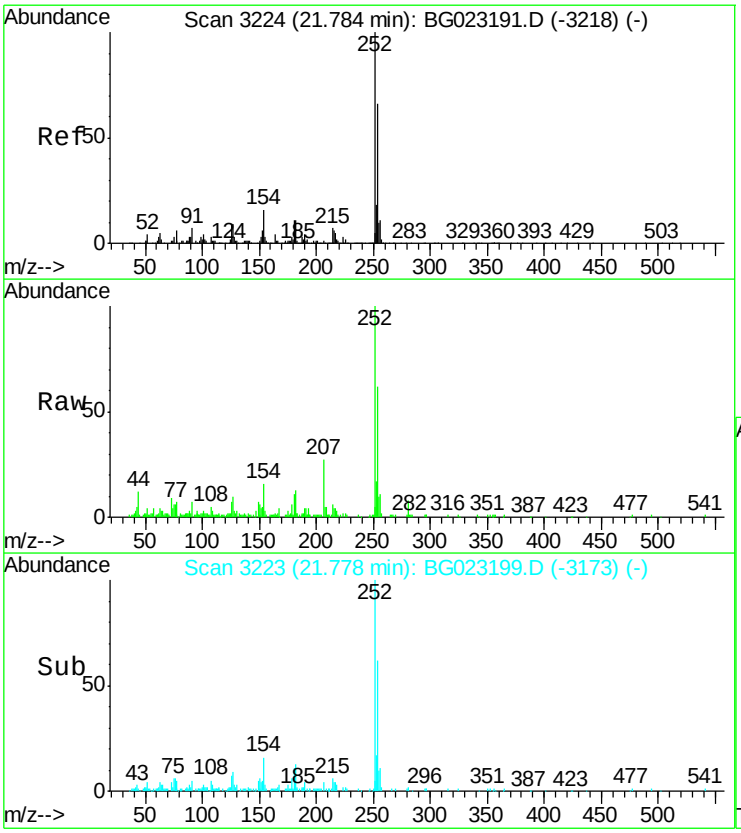
#78
Butylbenzylphthalate
Concen: 2.28 ng/ul
RT: 20.87 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:149 Resp: 83650

Ion	Ratio	Lower	Upper
149	100		
91	79.0	54.2	81.4
206	20.3	14.1	21.1

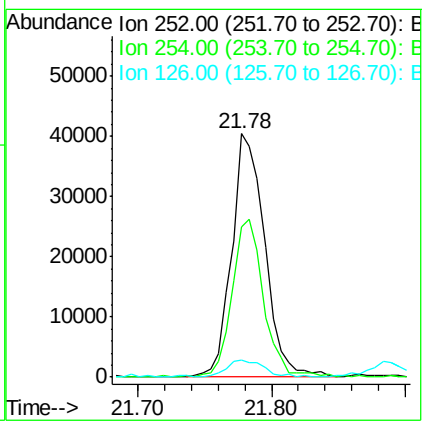


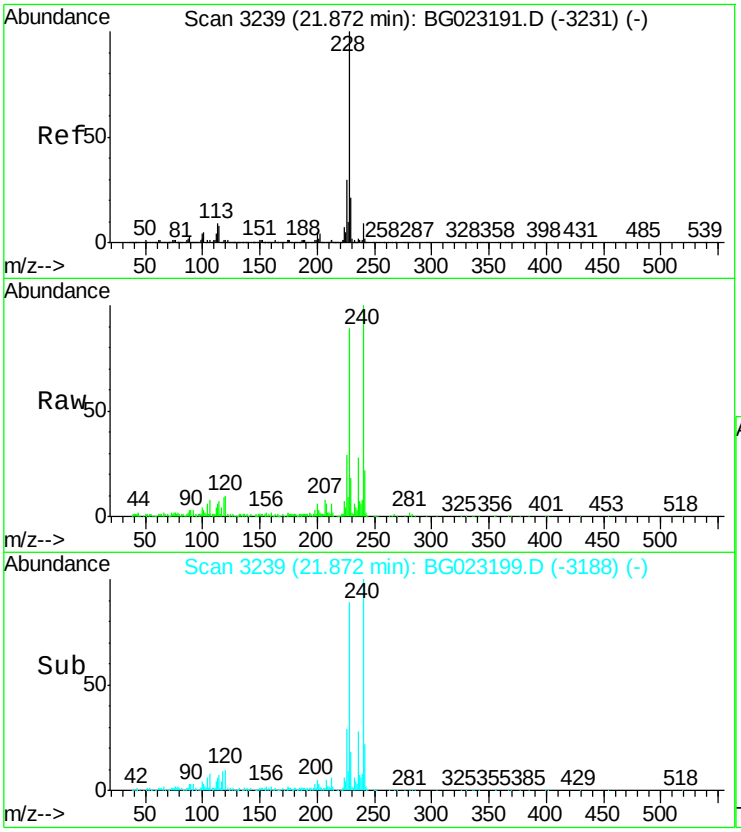


#79
3,3'-Dichlorobenzidine
Concen: 2.50 ng/ul
RT: 21.78 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:252 Resp: 69384

Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.4	77.2
126	7.2	10.7	16.1#



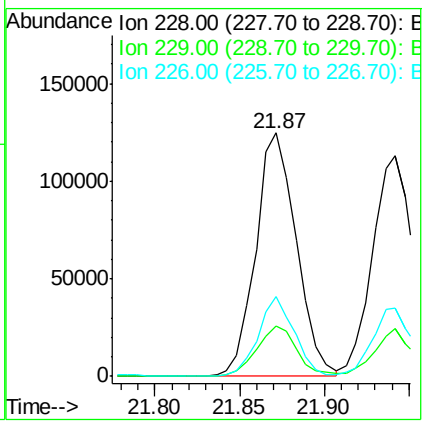


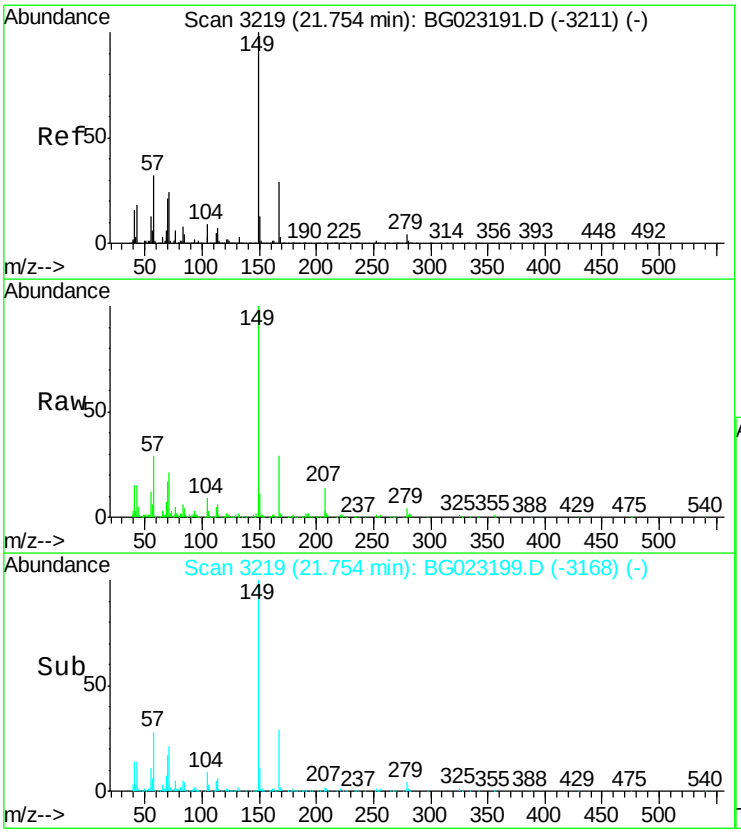
#80
Benzo(a)anthracene
Concen: 2.53 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:228 Resp: 208540

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	32.6	22.8	34.2

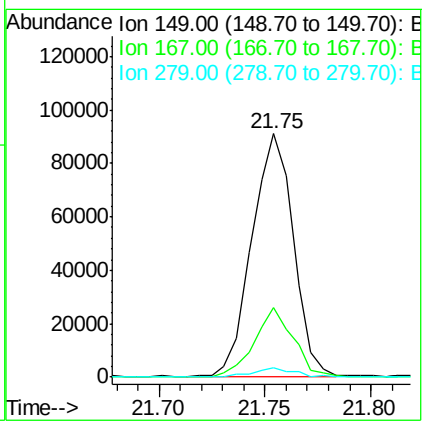


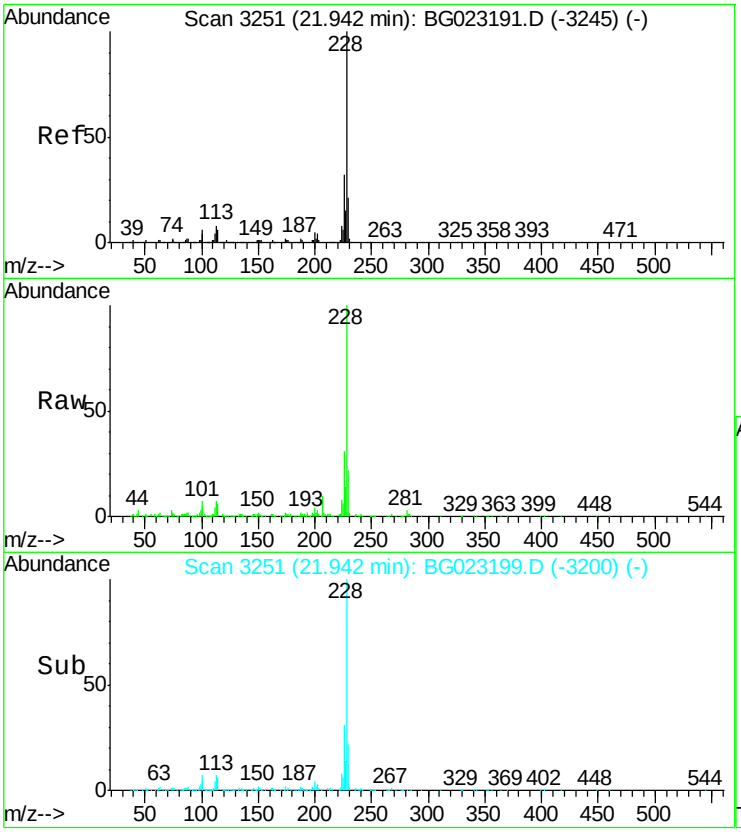


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.47 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:149 Resp: 123848

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	3.9	2.9	4.3



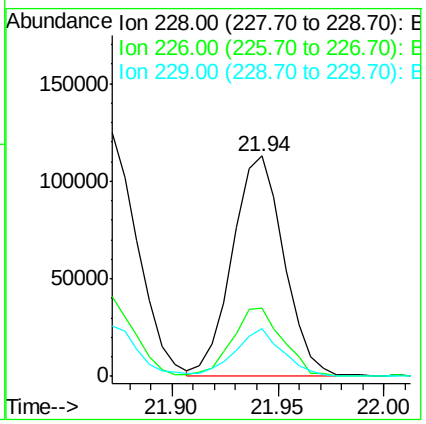


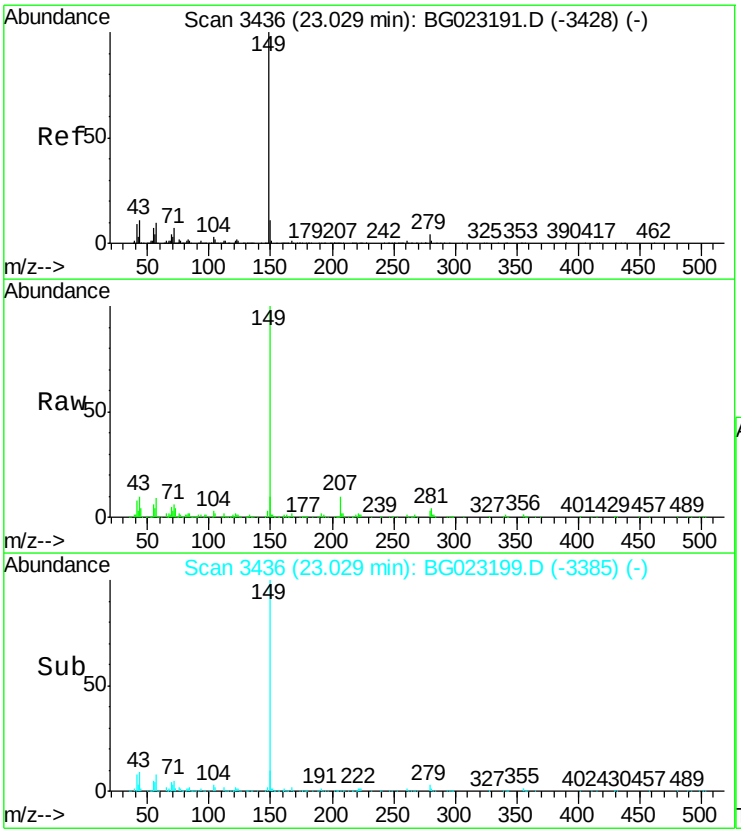
#82
Chrysene
Concen: 2.54 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:228 Resp: 190127

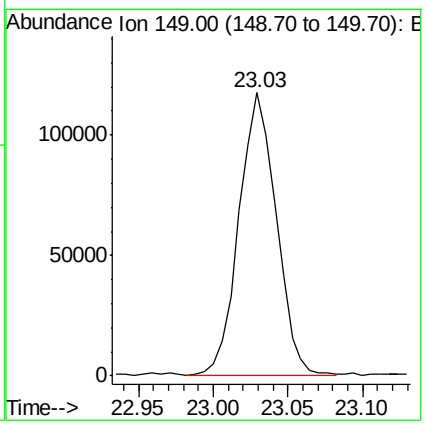
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	21.9	15.0	22.6

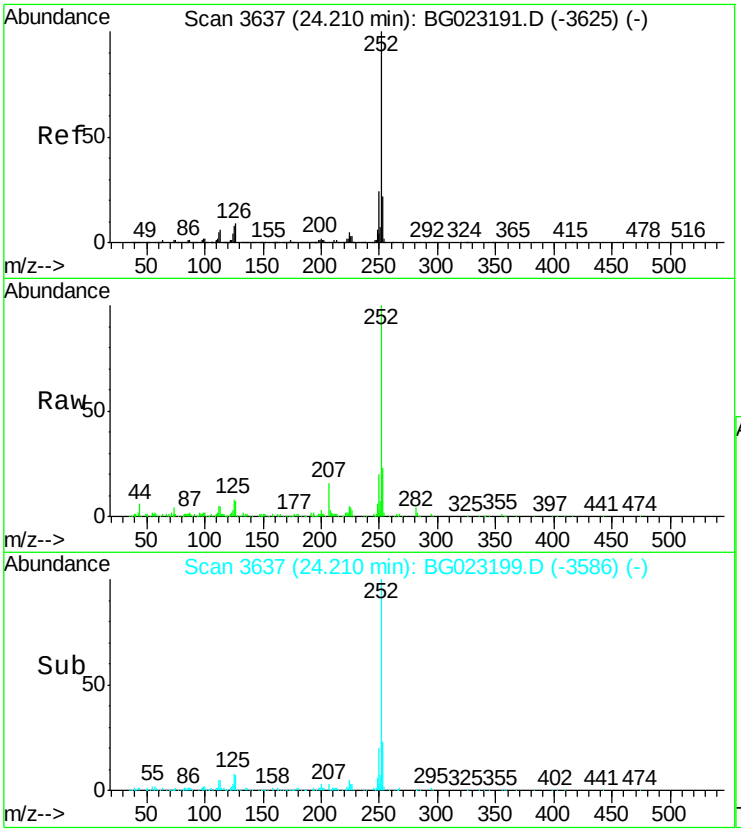




#84
Di-n-octyl phthalate
Concen: 2.66 ng/ul
RT: 23.03 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:149 Resp: 203504



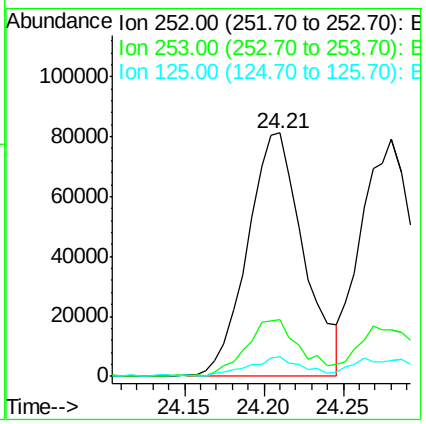


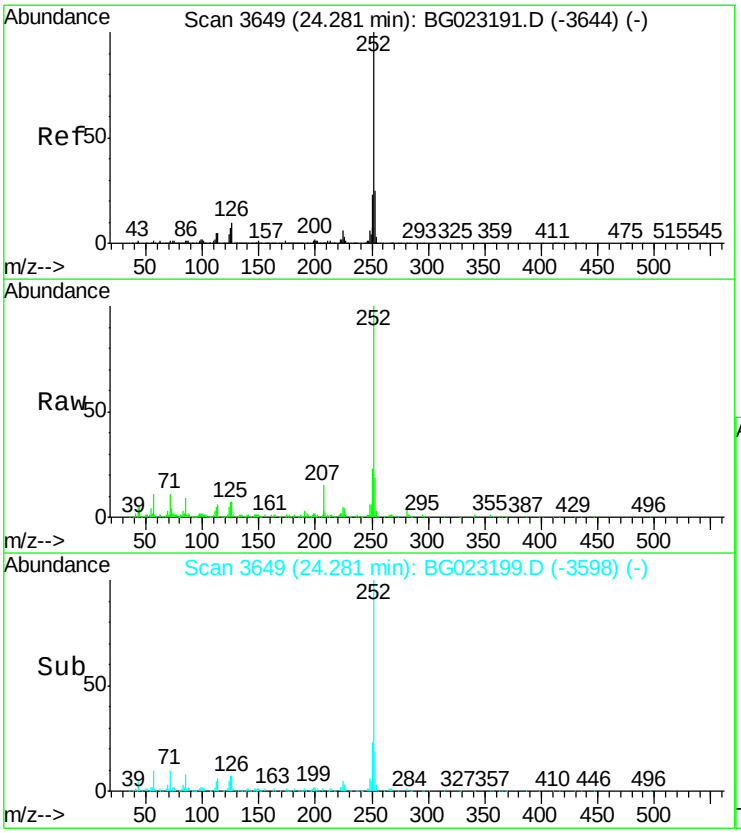
#85
Benzo(b)fluoranthene
Concen: 2.39 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:252 Resp: 200585

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	7.9	10.8	16.2#

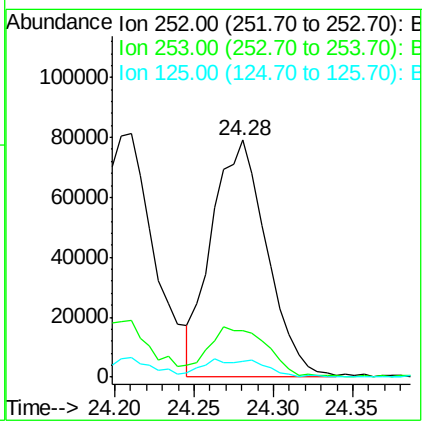


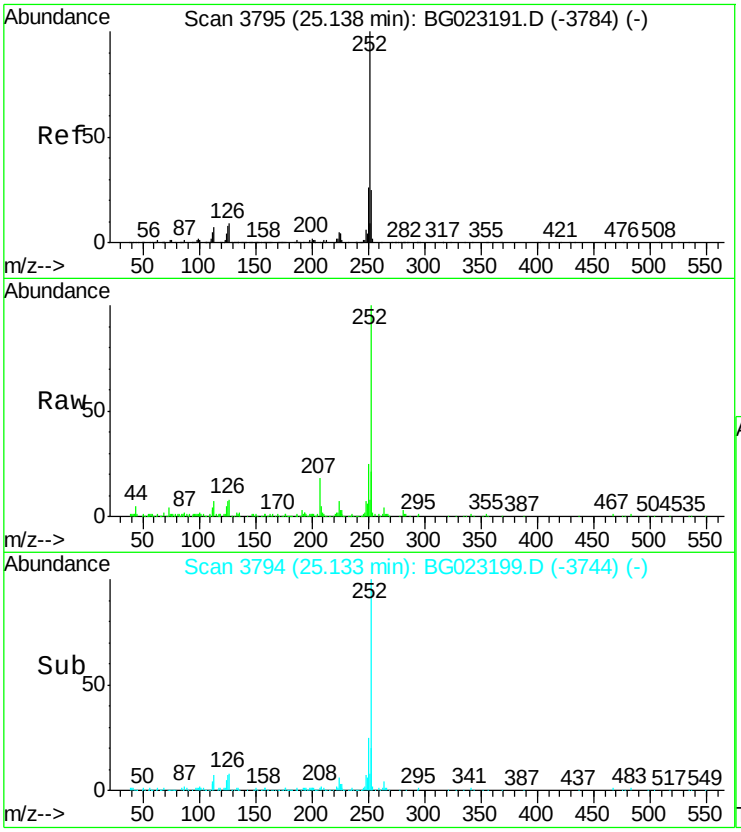


#86
Benzo(k)fluoranthene
Concen: 2.40 ng/ul
RT: 24.28 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:252 Resp: 190941

Ion	Ratio	Lower	Upper
252	100		
253	19.5	15.8	23.6
125	6.7	10.6	16.0#



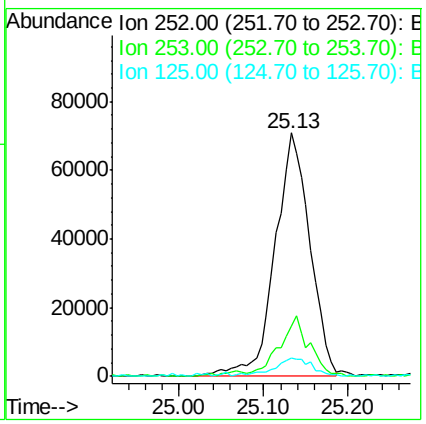


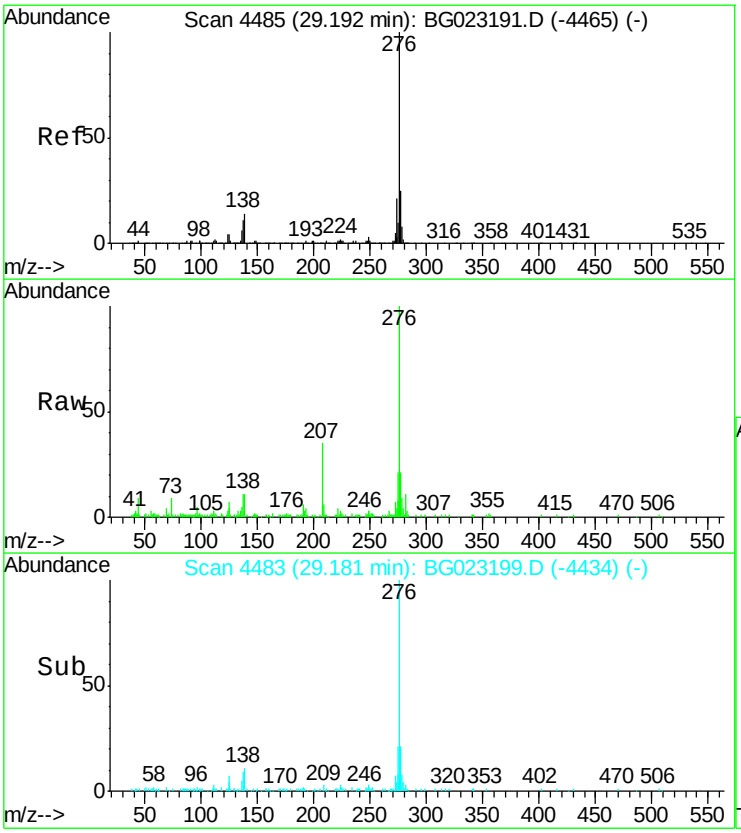
#88
Benzo(a)pyrene
Concen: 2.54 ng/ul
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:252 Resp: 203060

Ion	Ratio	Lower	Upper
252	100		
253	20.6	19.0	28.4
125	7.4	12.0	18.0#

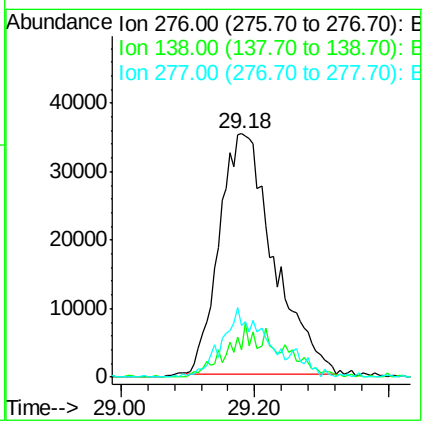


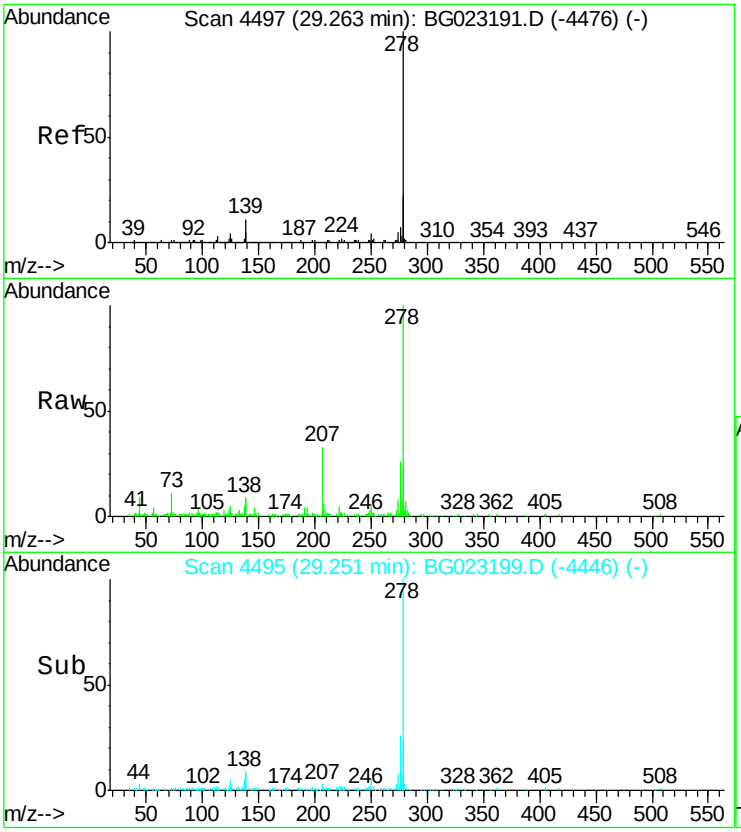


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng/ul
RT: 29.18 min Scan# 4483
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:276 Resp: 198686

Ion	Ratio	Lower	Upper
276	100		
138	11.2	20.8	31.2#
277	21.4	17.6	26.4



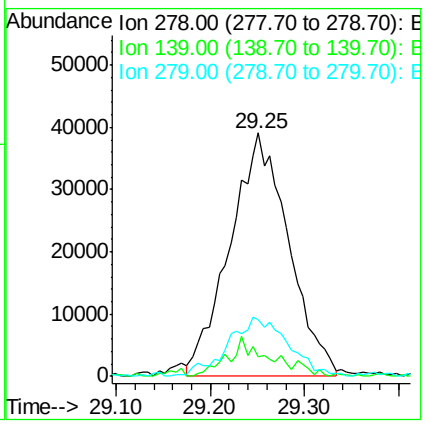


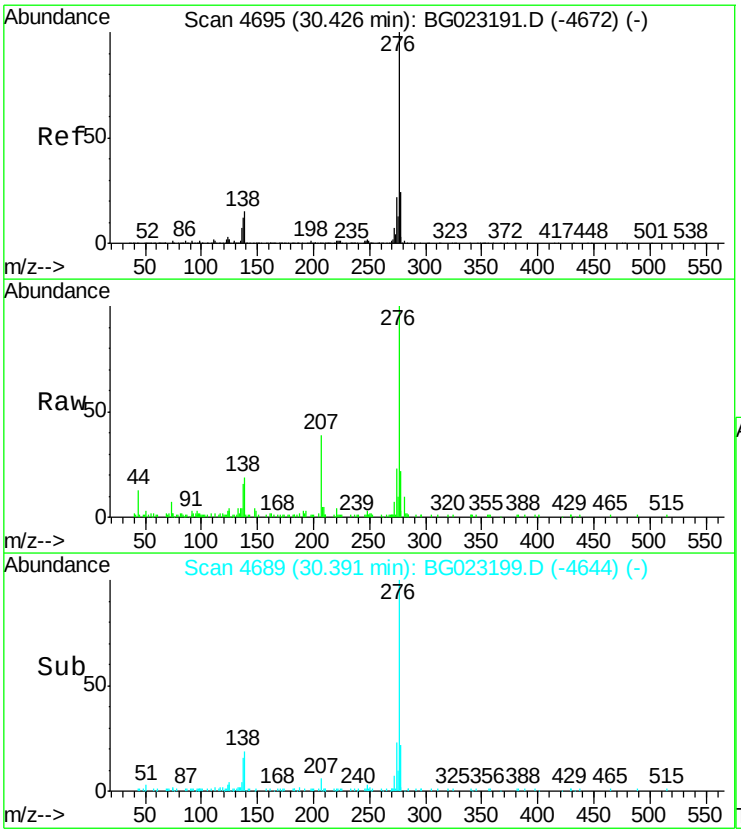
#90
Dibenzo(a,h)anthracene
Concen: 2.29 ng/ul
RT: 29.25 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Instrument :
BNA_G
ClientSampleId :
MDL-07-W

Tgt Ion:278 Resp: 169496

Ion	Ratio	Lower	Upper
278	100		
139	8.1	16.3	24.5#
279	23.1	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 1.19 ng/ul
RT: 30.39 min Scan# 4689
Delta R.T. -0.04 min
Lab File: BG023199.D
Acq: 20 Jul 2016 22:34

Tgt Ion:276 Resp: 88457

Ion	Ratio	Lower	Upper
276	100		
138	18.8	22.1	33.1#
277	22.0	17.0	25.4