Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020009.D
Acq On : 8 Dec 2015 9:16
Operator : UM/SJ
Sample : SP3516
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP3516

Quant Time: Dec 09 03:56:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	19728	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	85836	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	56606	20.00	ng		-0.02
63) Phenanthrene-d10	17.59	188	1054407	20.00	ng		0.09
75) Chrysene-d12	21.77	240	167797	20.00	ng		-0.02
86) Perylene-d12	25.06	264	156208	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	7.27	99	311979	189.30	ng		0.00
23) Nitrobenzene-d5	9.29	82	305624	181.71	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	13.26	172	468	0.11	ng		-0.13
78) Terphenyl-d14	20.22	244	435	0.06	ng		0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	30130	70.86	ng	#	100
6) Aniline	7.54	93	226074	105.93	ng	#	56
8) 2-Chlorophenol	7.68	128	241551	181.48	ng		93
9) Benzaldehyde	7.25	77	171316	155.88	ng		93
10) Phenol	7.30	94	330929	190.79	ng		79
11) bis(2-Chloroethyl)ether	7.54	93	226074	175.99	ng		91
15) Benzyl Alcohol	8.56	79	116596	80.62	ng	#	1
16) 2,2'-oxybis(1-Chloropropan	8.65	45	334078	159.46	ng		95
17) 2-Methylphenol	8.56	107	228441	186.56	ng	#	91
18) Hexachloroethane	9.20	117	98058	168.07	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	212003	163.11	ng		91
20) 3+4-Methylphenols	8.90	107	312182	181.05	ng		91
22) Acetophenone	8.95	105	392439	166.79	ng	#	90
24) Nitrobenzene	9.34	77	317358	173.95	ng		91
25) Isophorone	9.87	82	577965	160.29	ng	#	98
26) 2-Nitrophenol	10.05	139	147855	209.84	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	248597	169.42	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	315917	179.30	ng		98
29) 2,4-Dichlorophenol	10.58	162	270651	180.56	ng		94
31) Naphthalene	10.99	128	764511	166.26	ng		98
32) Benzoic acid	10.10	122	248597	225.96	ng	#	18
33) 4-Chloroaniline	11.10	127	269907	133.20	ng	#	91
34) Hexachlorobutadiene	11.27	225	201694	161.41	ng		99
35) Caprolactam	11.92	113	62401	111.83	ng	#	76
36) 4-Chloro-3-methylphenol	12.22	107	301079	161.28	ng		96
37) 2-Methylnaphthalene	12.59	142	565078	167.69	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	384140	178.83	ng		99
40) Hexachlorocyclopentadiene	12.93	237	239277	195.35	ng		99
42) 2,4,6-Trichlorophenol	13.19	196	247745	174.20	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	267935	178.25	ng		95
45) 1,1'-Biphenyl	13.59	154	743451	160.04	ng		97
46) 2-Chloronaphthalene	13.63	162	602201	168.18	ng		95
47) 2-Nitroaniline	13.84	65	216691	191.60	ng		90
48) Acenaphthylene	14.48	152	940993	154.28	ng		96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020009.D
Acq On : 8 Dec 2015 9:16
Operator : UM/SJ
Sample : SP3516
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP3516

Quant Time: Dec 09 03:56:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.20	163	775518	152.30	ng		99
50) 2,6-Dinitrotoluene	14.33	165	175557	183.38	ng	#	80
51) Acenaphthene	14.82	154	582906	157.50	ng		99
52) 3-Nitroaniline	14.66	138	155867	156.71	ng		95
53) 2,4-Dinitrophenol	14.86	184	99469	181.90	ng	#	88
54) Dibenzofuran	15.15	168	925021	168.01	ng	#	89
55) 4-Nitrophenol	14.97	139	154755	178.66	ng	#	63
56) 2,4-Dinitrotoluene	15.11	165	253002	189.42	ng	#	90
57) Fluorene	15.80	166	746368	151.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	259220	186.34	ng		97
59) Diethylphthalate	15.57	149	795023	144.27	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	433603	153.25	ng		99
61) 4-Nitroaniline	15.84	138	169843	151.83	ng	#	69
62) Azobenzene	16.00	77	82376	17.96	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.88	198	162035	29.98	ng		88
65) n-Nitrosodiphenylamine	16.00	169	669880	21.95	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	294866	22.51	ng		97
67) Hexachlorobenzene	16.80	284	310217	22.73	ng		99
68) Atrazine	16.95	200	289603	21.85	ng		95
69) Pentachlorophenol	17.14	266	202689	25.44	ng		95
70) Phenanthrene	17.64	178	1209393	20.27	ng		98
71) Anthracene	17.64	178	1209393	19.90	ng		98
72) Carbazole	17.89	167	1100262	20.55	ng		98
73) Di-n-butylphthalate	18.44	149	1255713	19.14	ng	#	97
74) Fluoranthene	19.54	202	1475182	19.33	ng		95
77) Pyrene	19.90	202	1434020	145.27	ng		95
79) Butylbenzylphthalate	20.77	149	639077	165.17	ng		96
80) Benzo(a)anthracene	21.75	228	1568909	152.75	ng		94
81) 3,3'-Dichlorobenzidine	21.66	252	491543	125.66	ng		99
82) Chrysene	21.82	228	1457151	149.42	ng		96
83) Bis(2-ethylhexyl)phthalate	21.64	149	909478	160.17	ng	#	99
84) Di-n-octyl phthalate	22.88	149	1508500	163.40	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1938229	180.42	ng	#	100
87) Benzo(b)fluoranthene	24.02	252	1618343	163.47	ng	#	97
88) Benzo(k)fluoranthene	24.10	252	1541024	157.17	ng	#	97
89) Benzo(a)pyrene	24.93	252	1549311	164.83	ng	#	97
90) Dibenzo(a,h)anthracene	28.93	278	1581894	170.35	ng	#	93
91) Benzo(g,h,i)perylene	30.04	276	1561458	171.25	ng	#	91

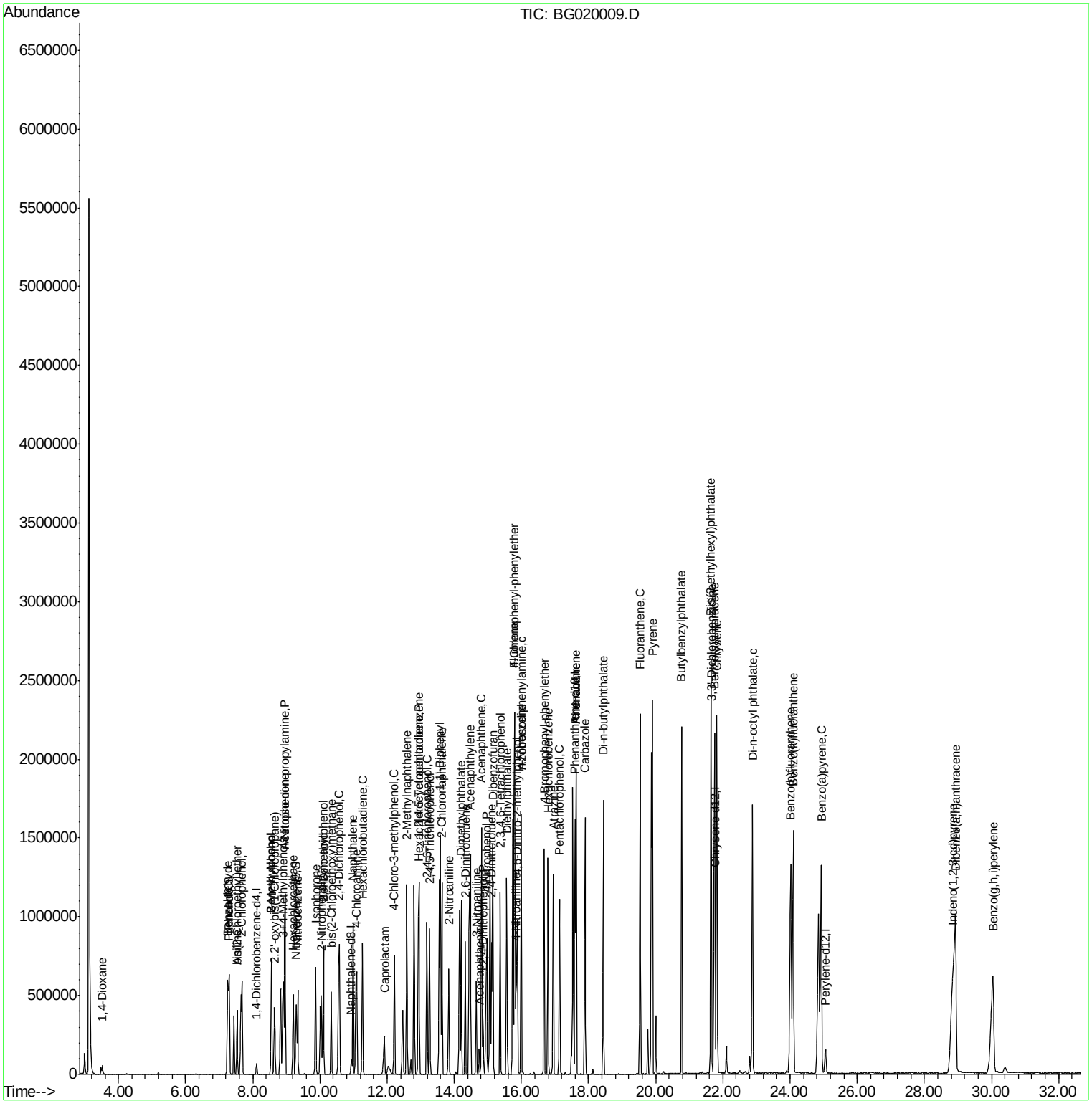
(#) = qualifier out of range (m) = manual integration (+) = signals summed

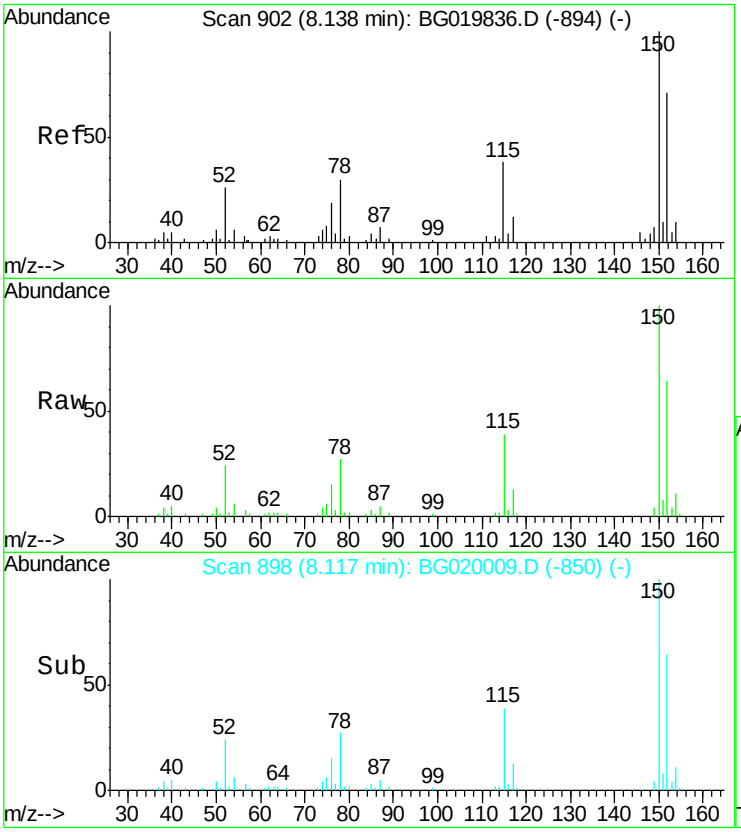
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020009.D
Acq On : 8 Dec 2015 9:16
Operator : UM/SJ
Sample : SP3516
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP3516

Quant Time: Dec 09 03:56:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



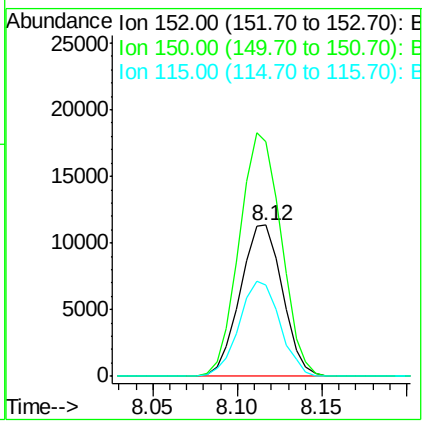


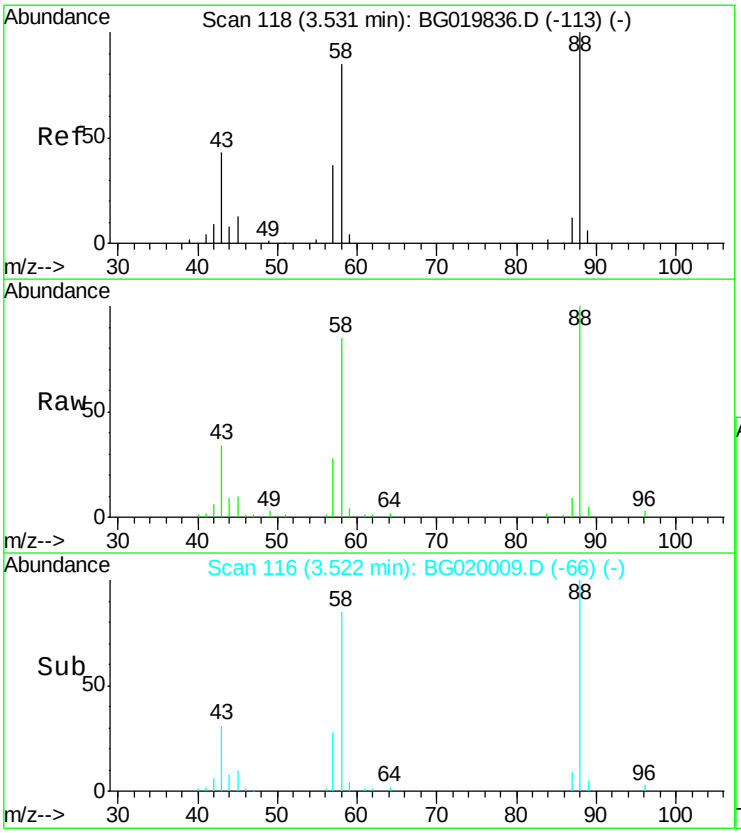
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:152 Resp: 19728

Ion	Ratio	Lower	Upper
152	100		
150	155.5	115.0	172.4
115	60.7	43.9	65.9

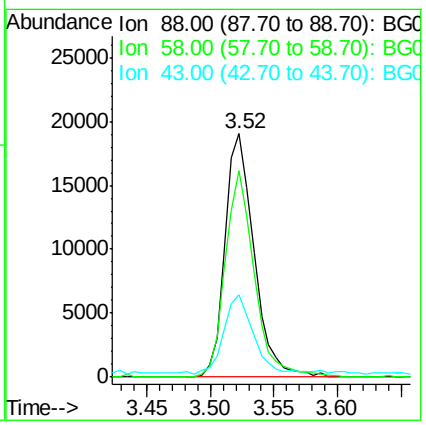


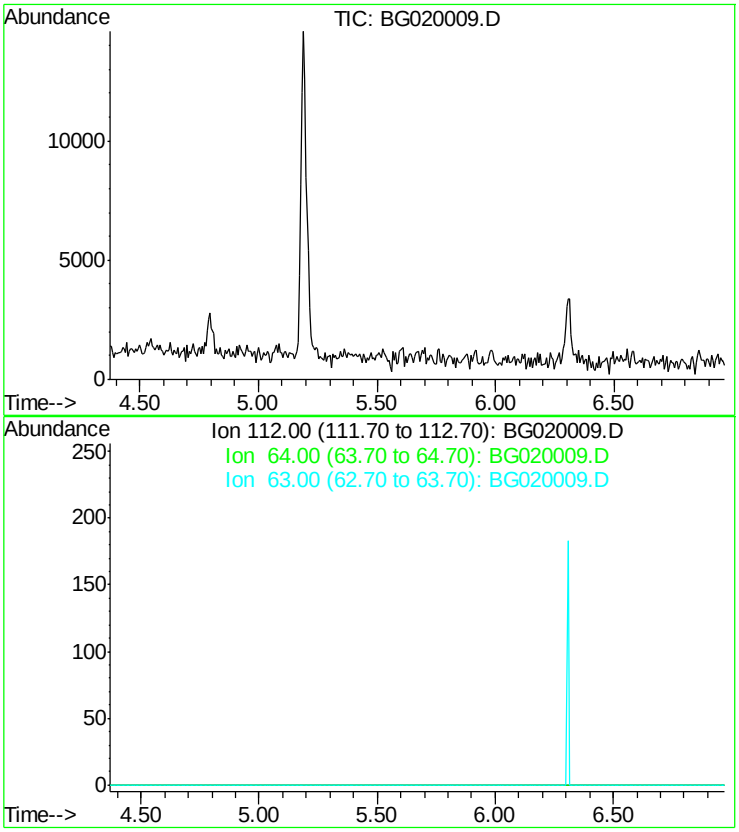


#2
1,4-Dioxane
Concen: 70.86 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 88 Resp: 30130

Ion	Ratio	Lower	Upper
88	100		
58	85.1	0.0	0.0#
43	32.0	0.0	0.0#





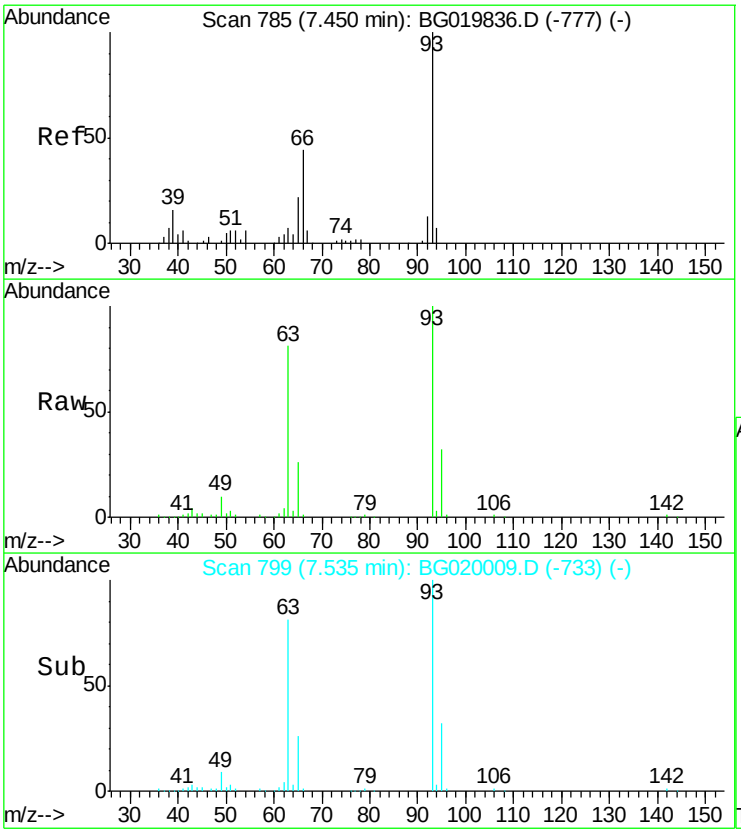
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.67 min

Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	54.6
63	30.0

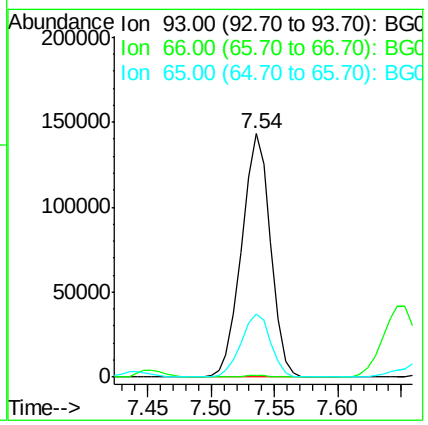
Instrument :
BNA_G
ClientSampleId :
SP3516

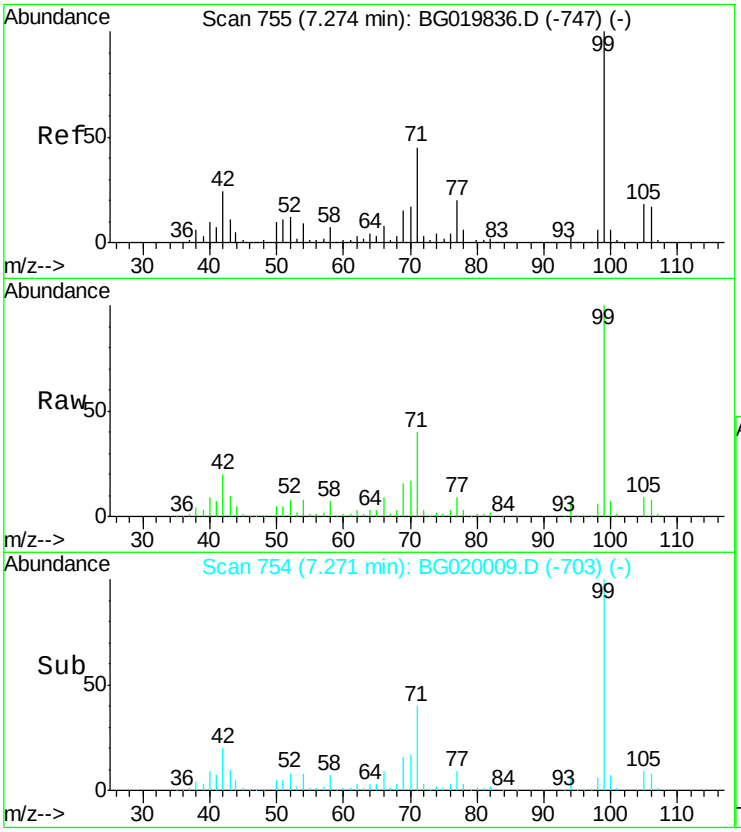


#6
Aniline
Concen: 105.93 ng
RT: 7.54 min Scan# 799
Delta R.T. 0.09 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 93 Resp: 226074

Ion	Ratio	Lower	Upper
93	100		
66	0.6	26.2	39.2#
65	25.7	14.0	21.0#



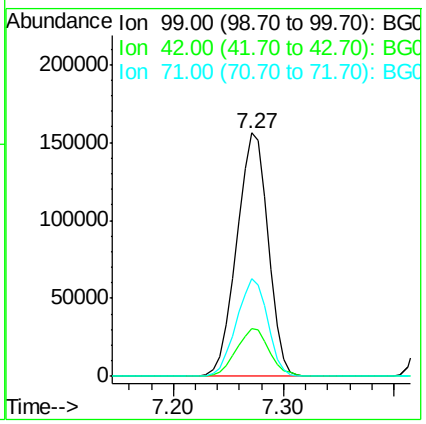


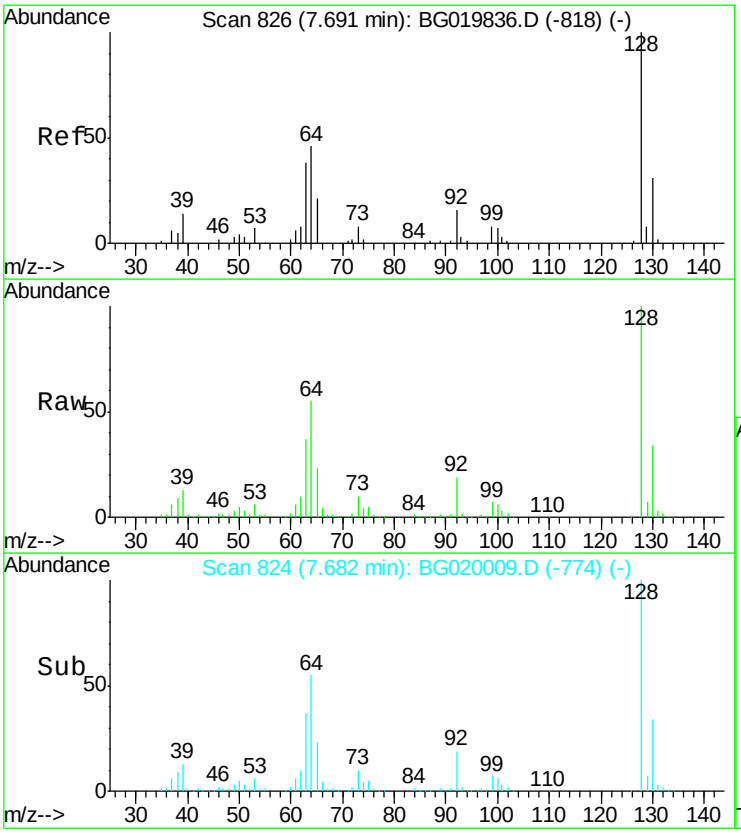
#7
Phenol-d6
Concen: 189.30 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 99 Resp: 311979

Ion	Ratio	Lower	Upper
99	100		
42	19.6	11.5	17.3#
71	40.0	22.6	34.0#

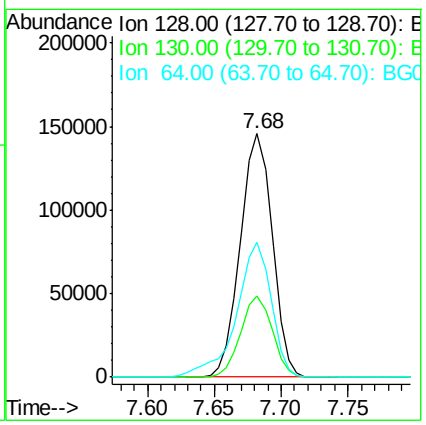


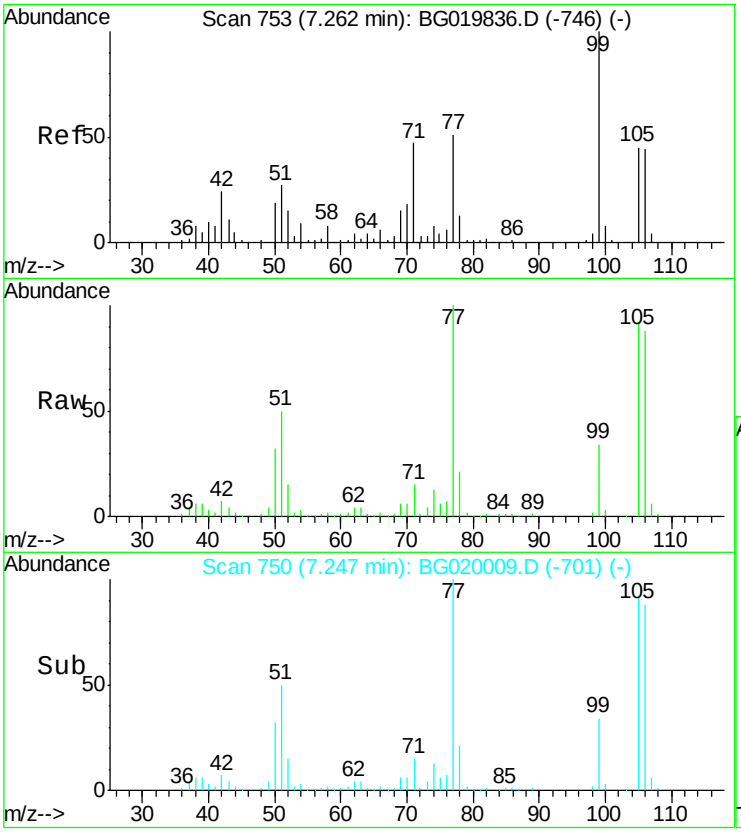


#8
2-Chlorophenol
Concen: 181.48 ng
RT: 7.68 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:128 Resp: 241551

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.0	53.0
64	55.2	28.2	68.2



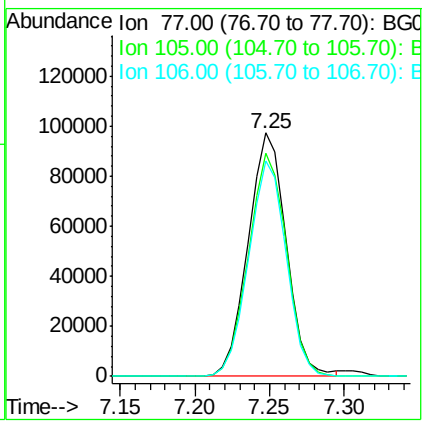


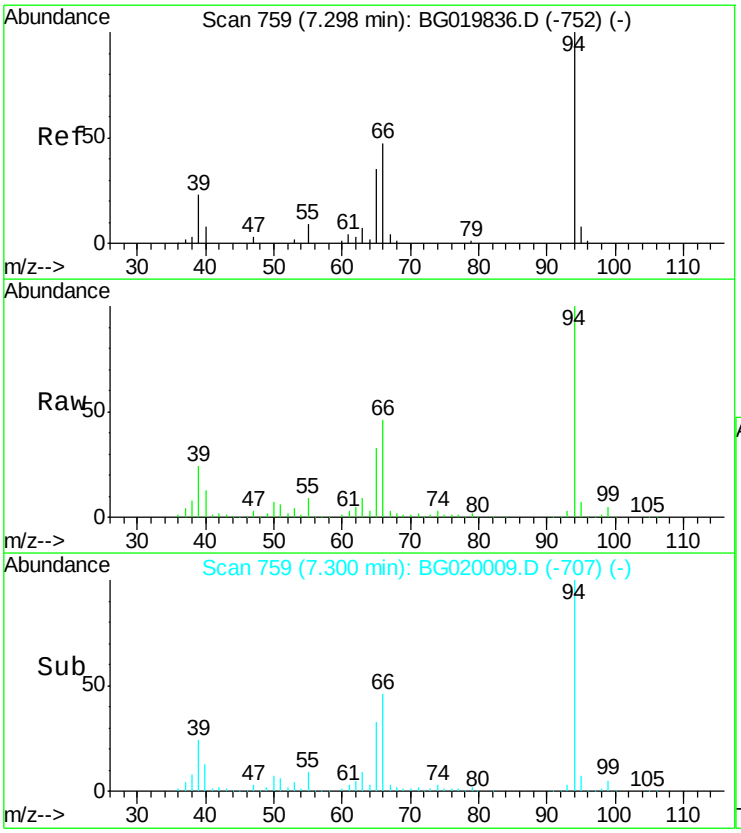
#9
Benzaldehyde
Concen: 155.88 ng
RT: 7.25 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 77 Resp: 171316

Ion	Ratio	Lower	Upper
77	100		
105	91.6	77.7	117.7
106	88.4	75.8	115.8

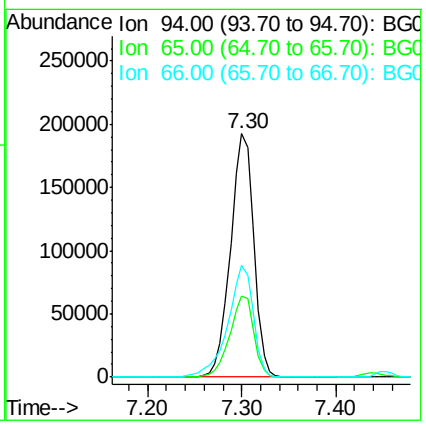


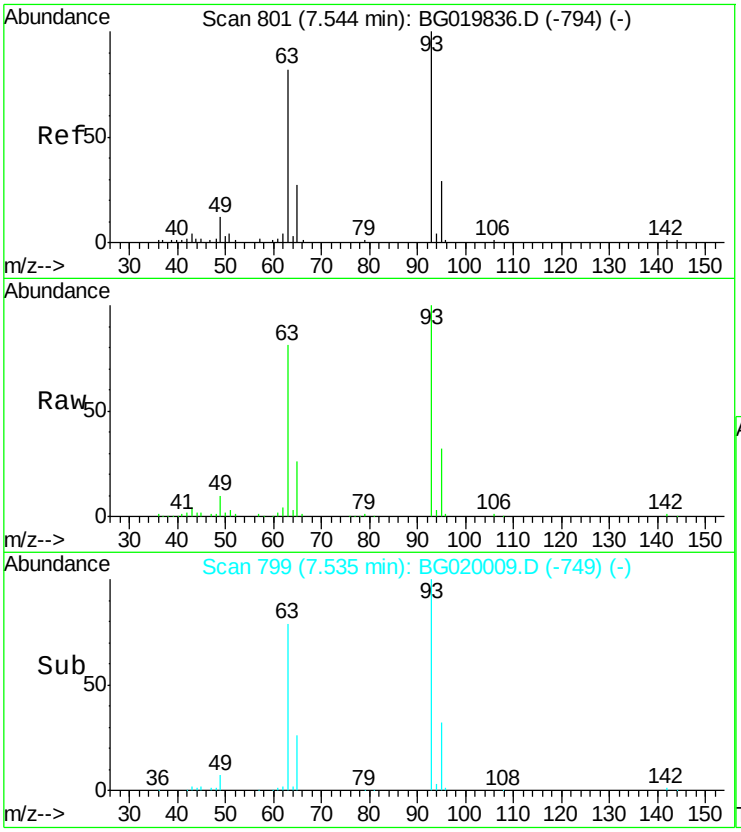


#10
Phenol
Concen: 190.79 ng
RT: 7.30 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 94 Resp: 330929

Ion	Ratio	Lower	Upper
94	100		
65	33.4	5.4	45.4
66	45.8	11.8	51.8



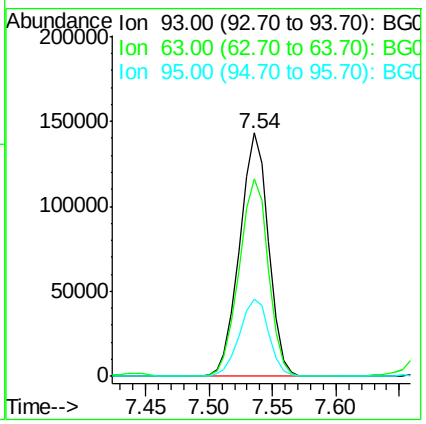


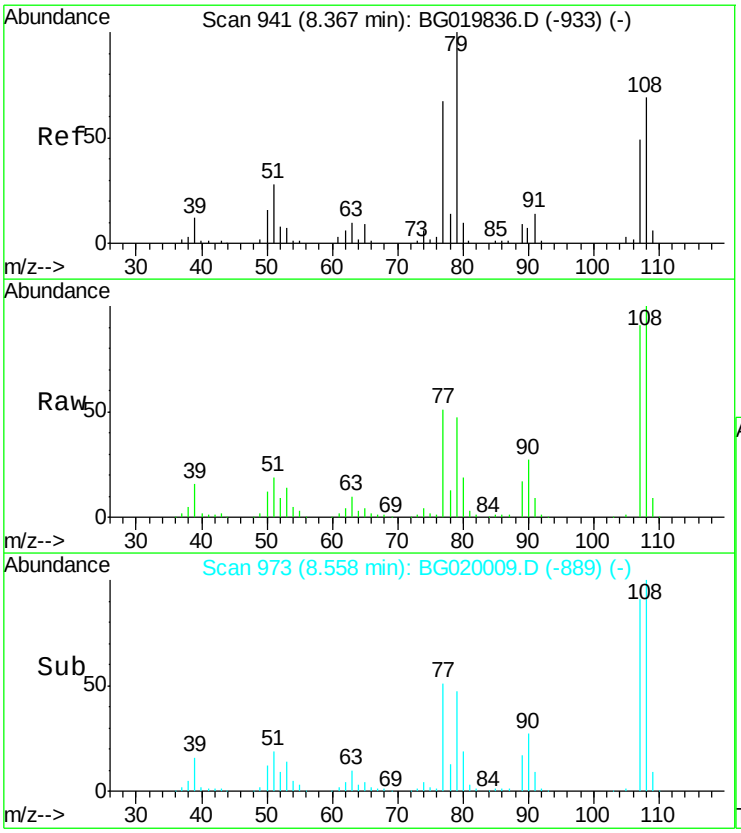
#11
bis(2-Chloroethyl)ether
Concen: 175.99 ng
RT: 7.54 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 93 Resp: 226074

Ion	Ratio	Lower	Upper
93	100		
63	81.0	50.5	90.5
95	31.6	12.2	52.2

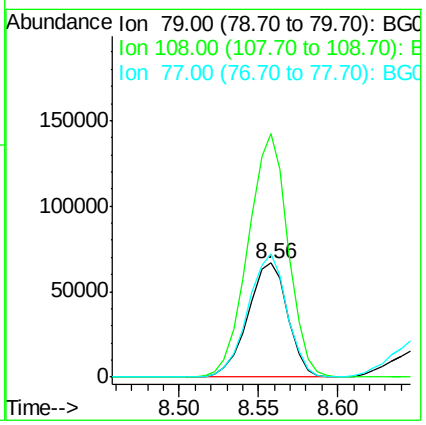


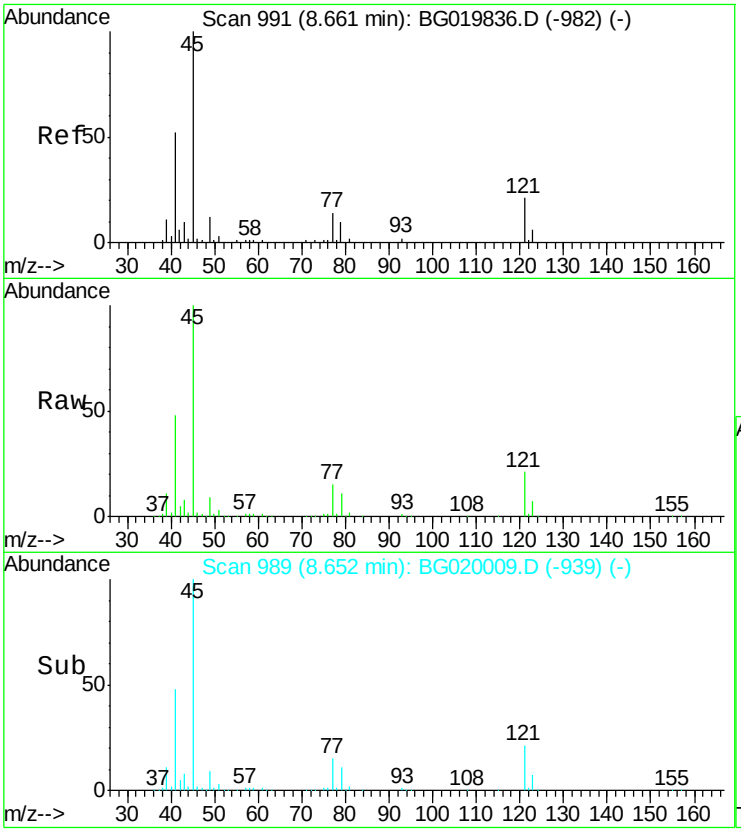


#15
Benzyl Alcohol
Concen: 80.62 ng
RT: 8.56 min Scan# 973
Delta R.T. 0.19 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 79 Resp: 116596

Ion	Ratio	Lower	Upper
79	100		
108	214.0	65.5	98.3#
77	108.7	51.3	76.9#



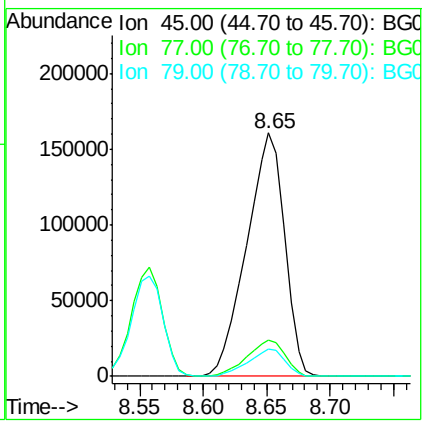


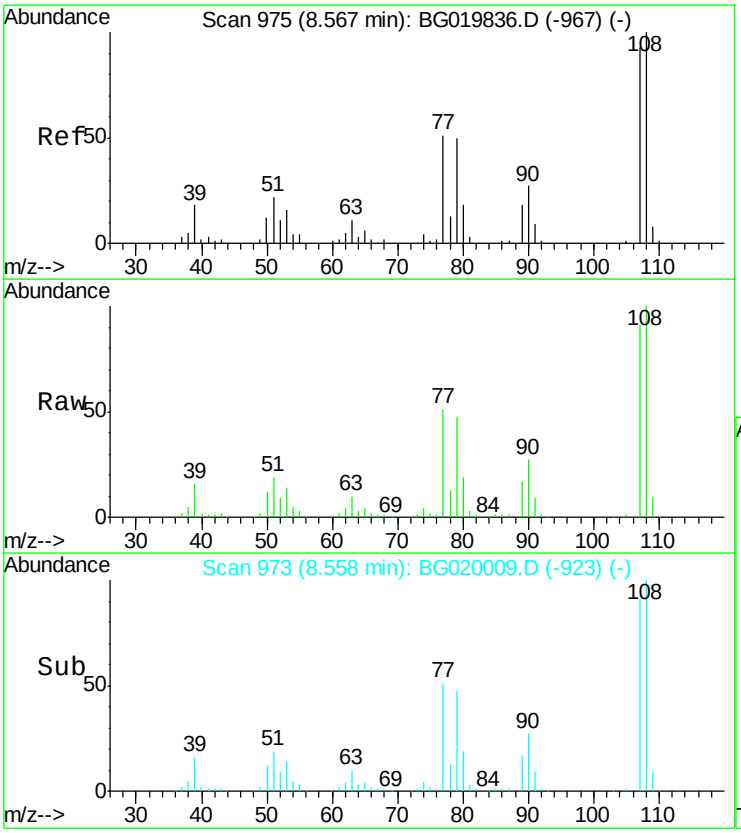
#16
2,2'-oxybis(1-Chloropropane)
Concen: 159.46 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 45 Resp: 334078

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	37.0
79	11.3	0.0	33.8

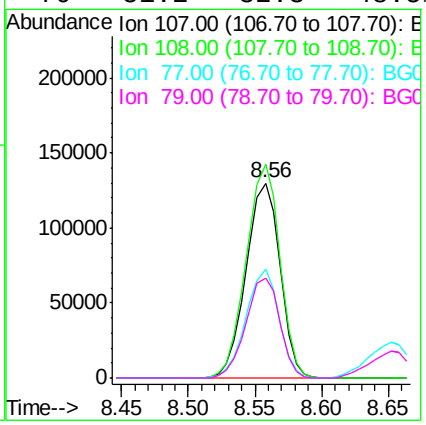


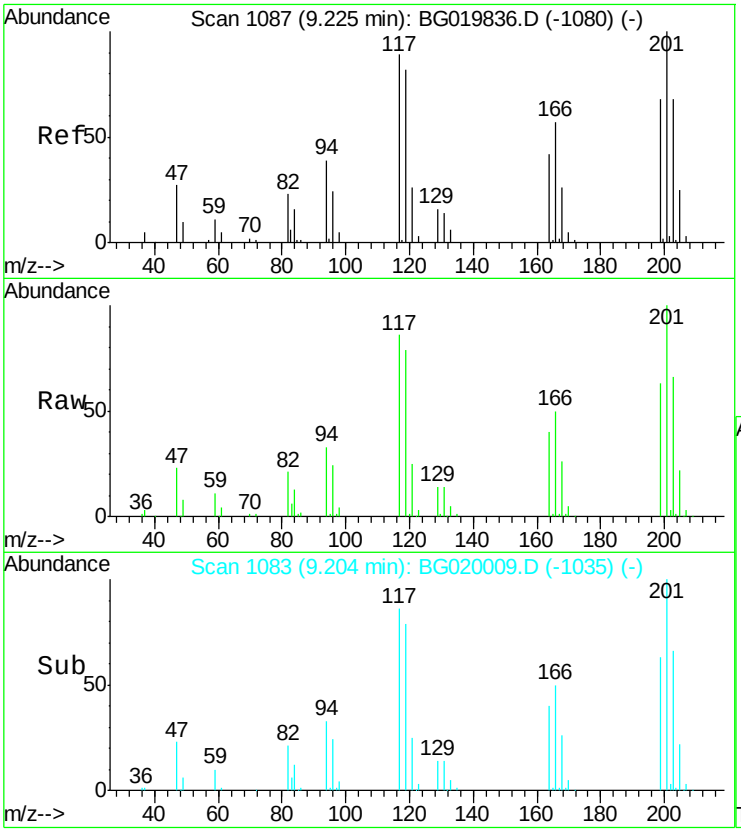


#17
2-Methylphenol
Concen: 186.56 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:107 Resp: 228441

Ion	Ratio	Lower	Upper
107	100		
108	109.5	86.5	129.7
77	55.6	34.6	51.8#
79	51.2	32.3	48.5#



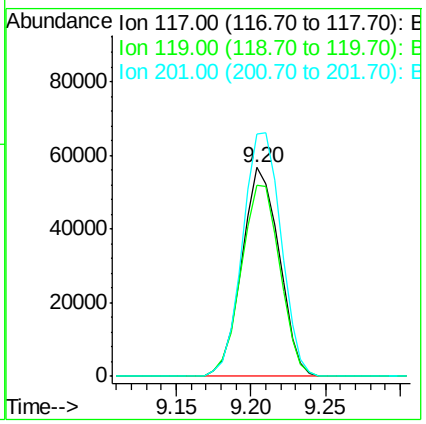


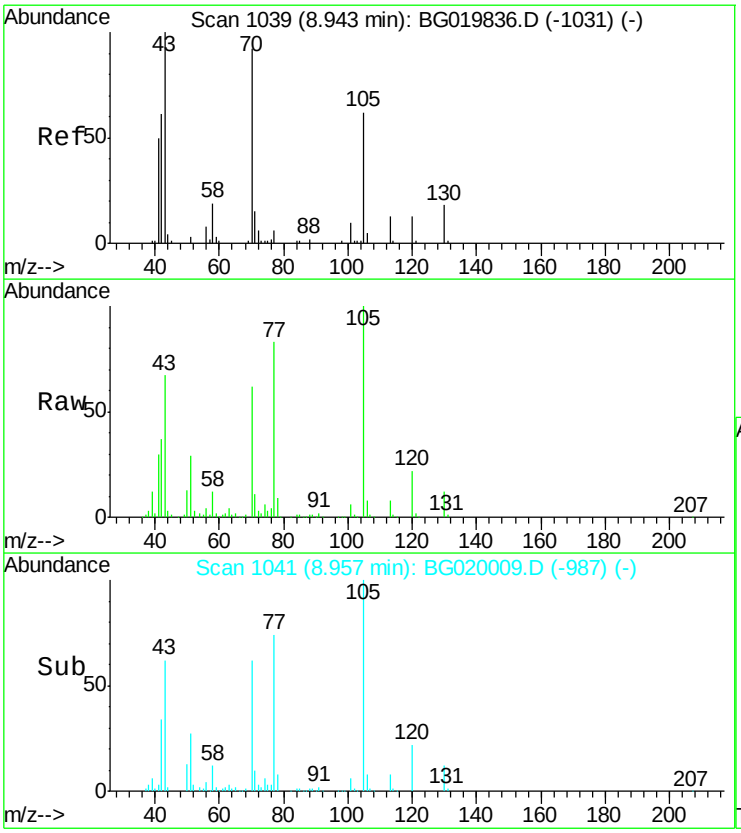
#18
Hexachloroethane
Concen: 168.07 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:117 Resp: 98058

Ion	Ratio	Lower	Upper
117	100		
119	91.7	71.7	107.5
201	116.2	90.9	136.3

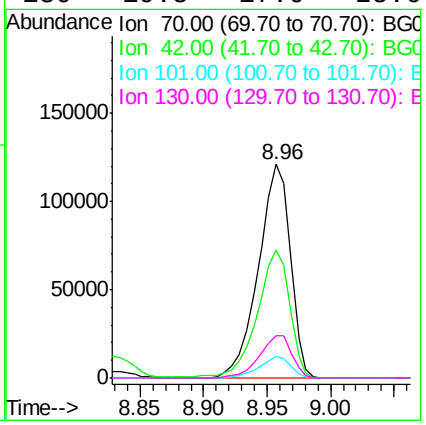


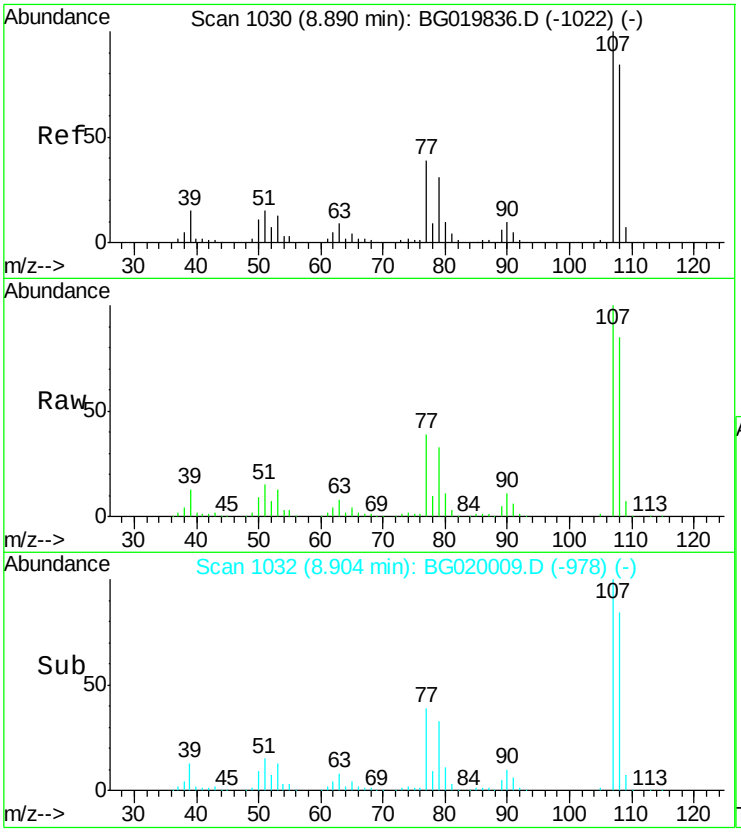


#19
n-Nitroso-di-n-propylamine
Concen: 163.11 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 70 Resp: 212003

Ion	Ratio	Lower	Upper
70	100		
42	59.9	40.6	60.8
101	10.0	8.6	13.0
130	19.5	17.0	25.6



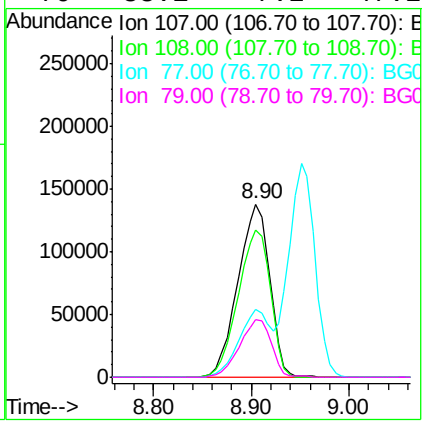


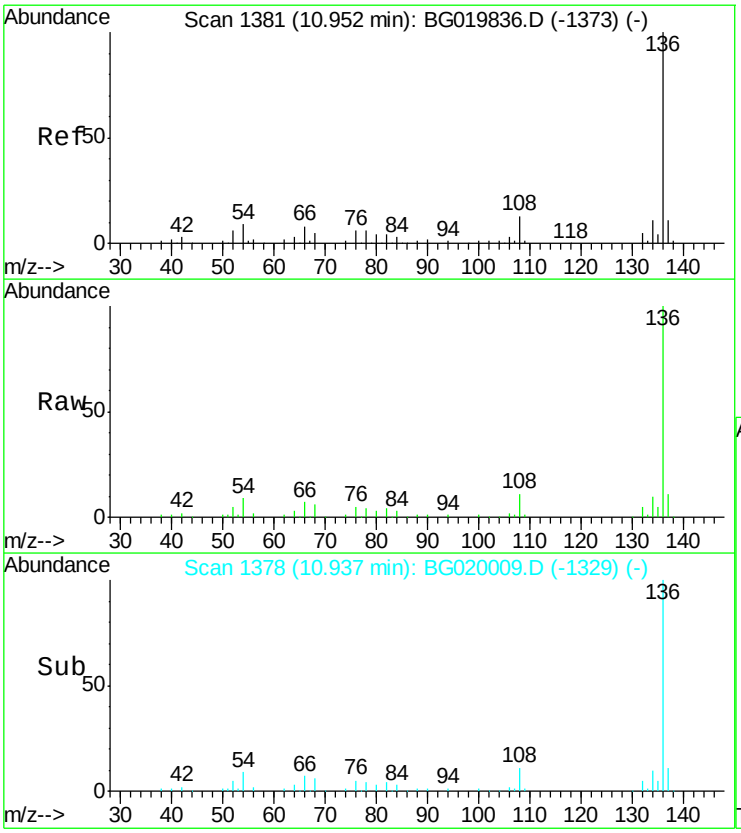
#20
3+4-Methylphenols
Concen: 181.05 ng
RT: 8.90 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:107 Resp: 312182

Ion	Ratio	Lower	Upper
107	100		
108	84.7	72.2	112.2
77	39.1	13.4	53.4
79	33.1	7.2	47.2

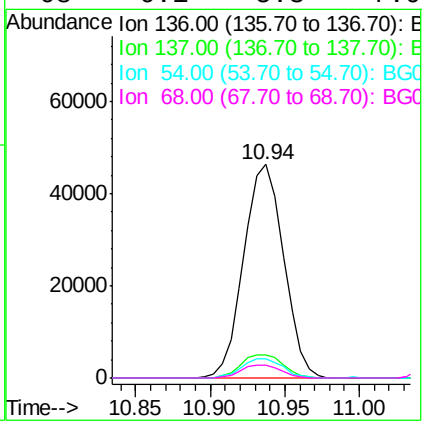


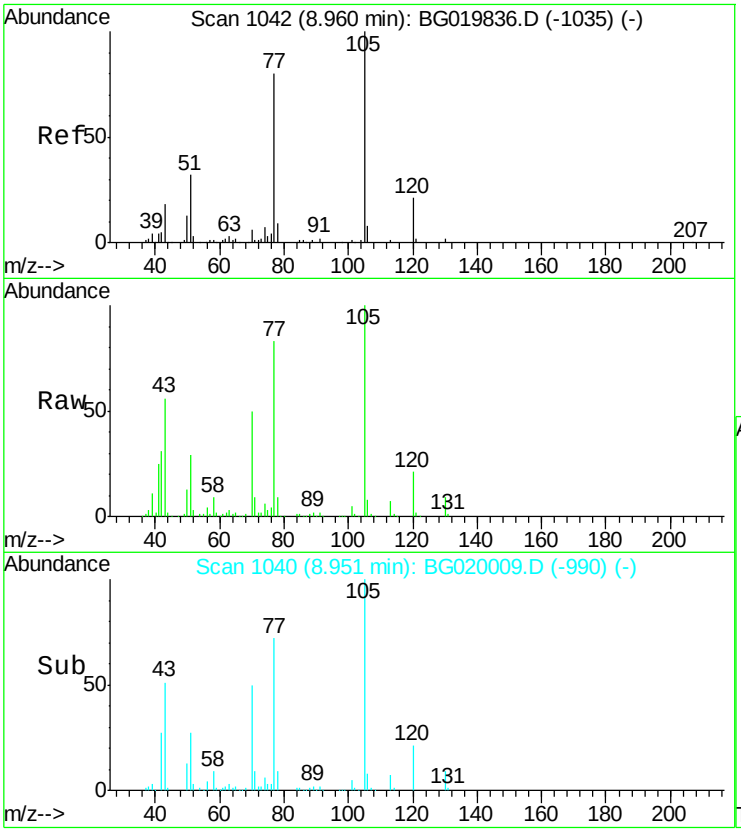


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:136 Resp: 85836

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.8	5.4	8.2#
68	6.1	5.3	7.9



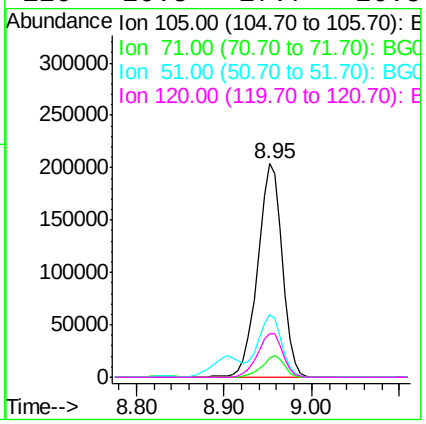


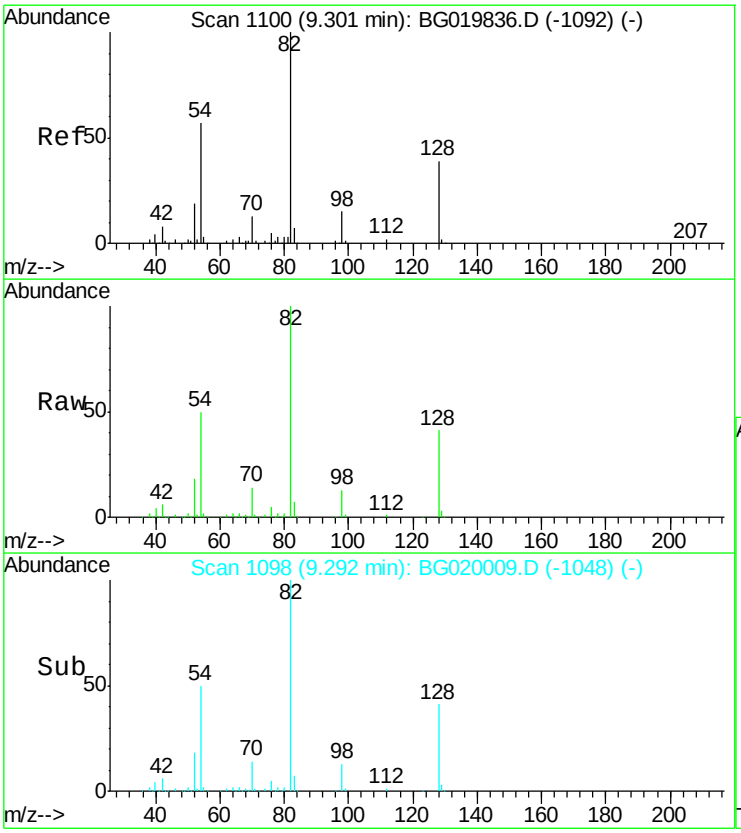
#22
Acetophenone
Concen: 166.79 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:105 Resp: 392439

Ion	Ratio	Lower	Upper
105	100		
71	9.1	2.1	3.1#
51	29.3	17.8	26.8#
120	20.5	17.7	26.5

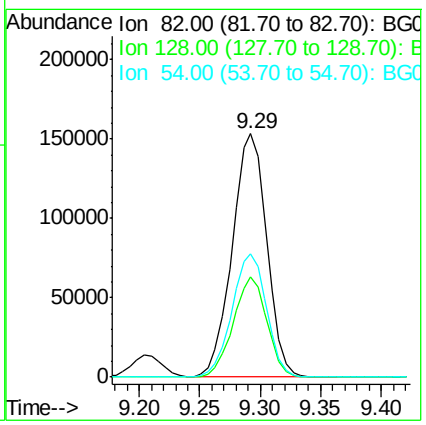


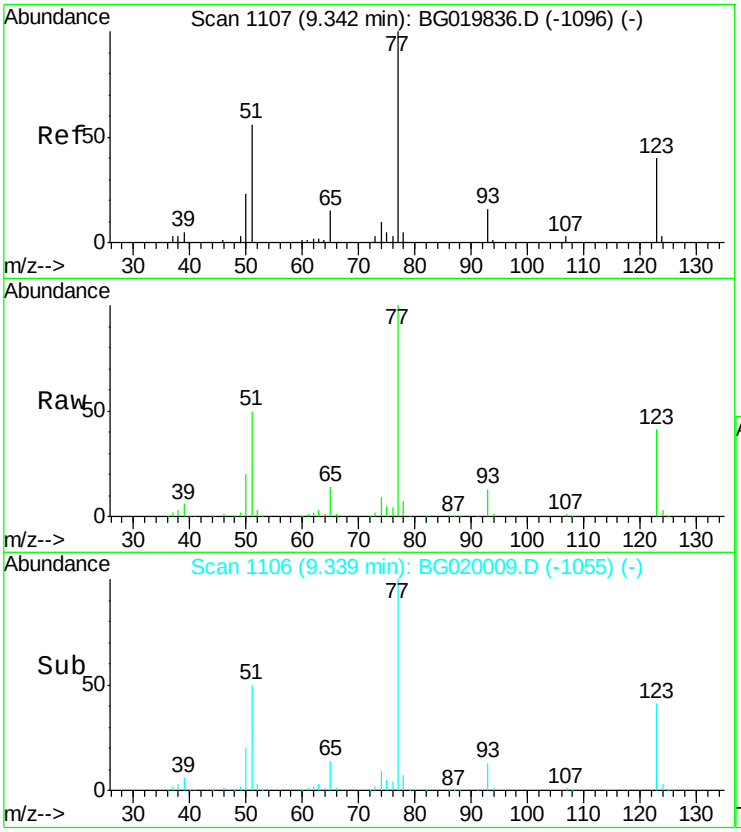


#23
Nitrobenzene-d5
Concen: 181.71 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 82 Resp: 305624

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.7	55.1
54	50.5	33.8	50.8



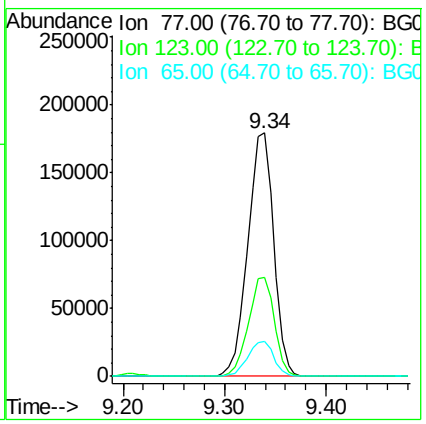


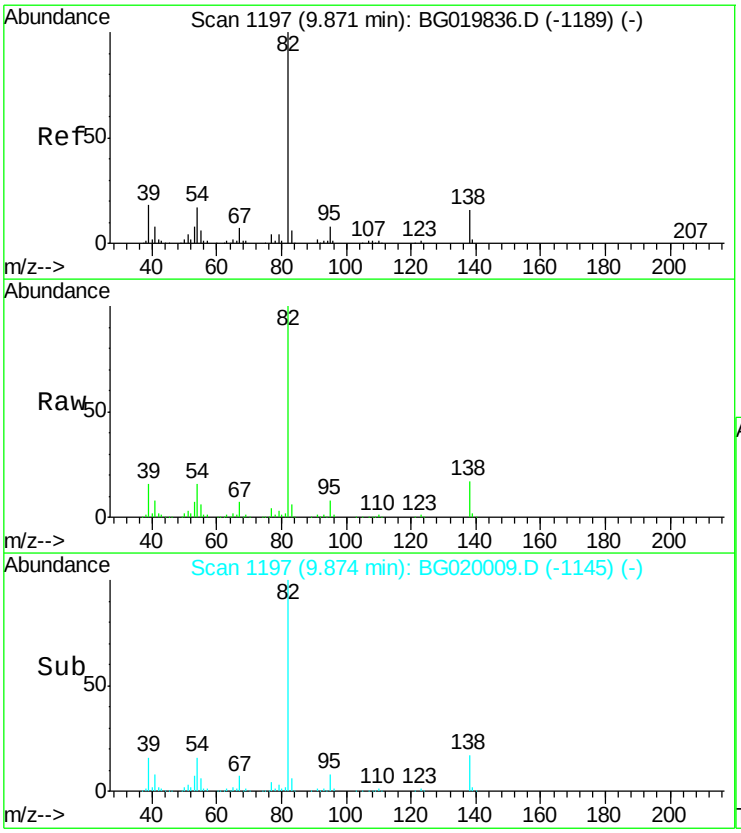
#24
Nitrobenzene
Concen: 173.95 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 77 Resp: 317358

Ion	Ratio	Lower	Upper
77	100		
123	40.6	38.2	57.2
65	14.4	10.6	16.0

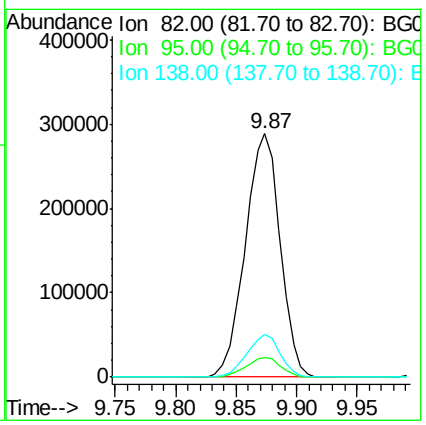


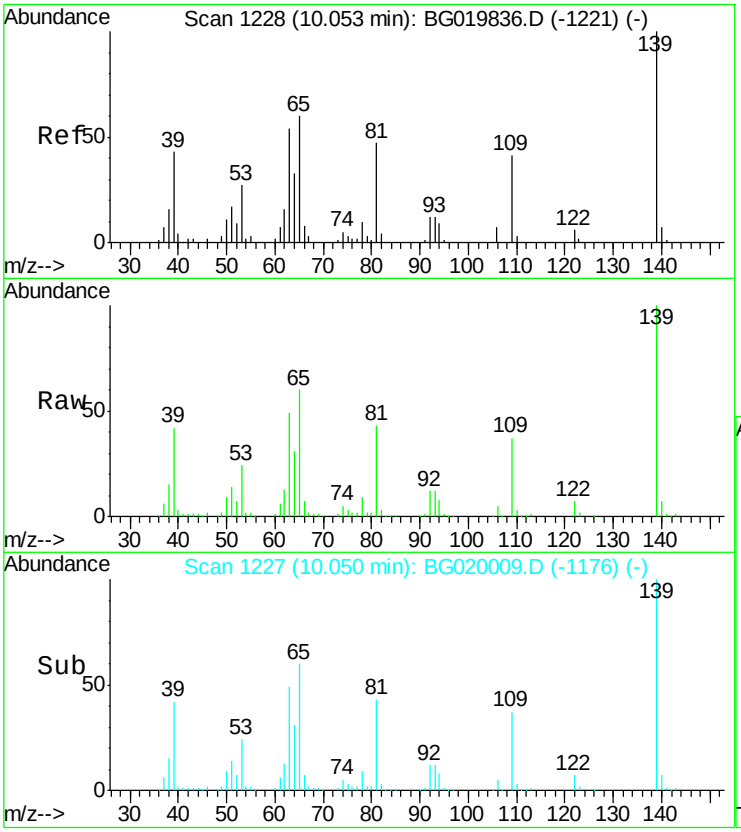


#25
Isophorone
Concen: 160.29 ng
RT: 9.87 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 82 Resp: 577965

Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.2	7.8#
138	17.3	14.4	21.6



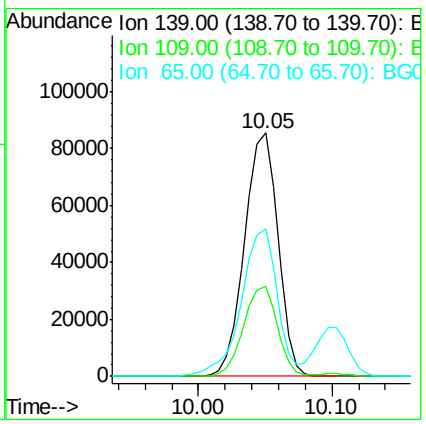


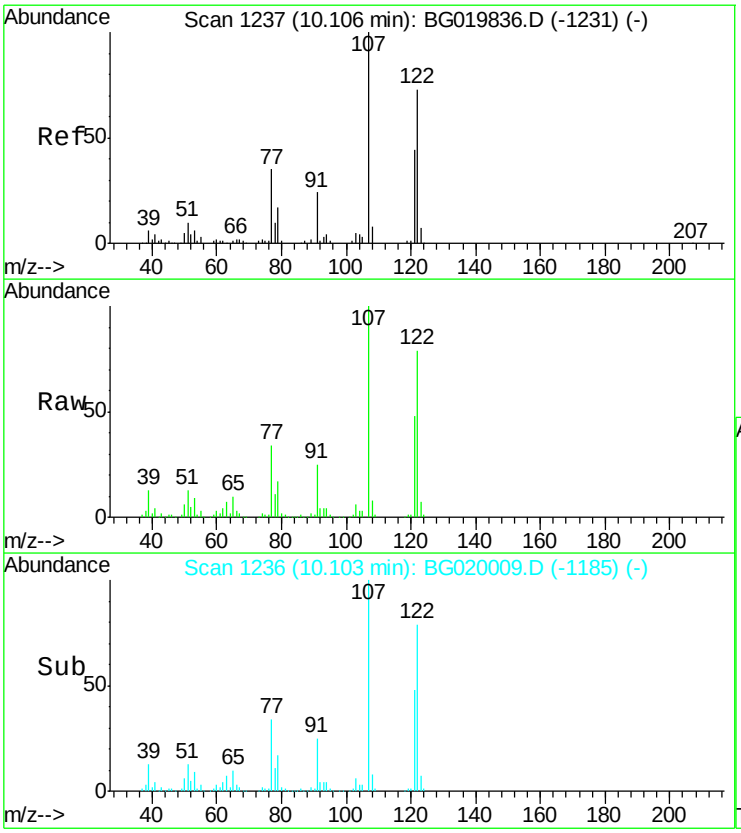
#26
2-Nitrophenol
Concen: 209.84 ng
RT: 10.05 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:139 Resp: 147855

Ion	Ratio	Lower	Upper
139	100		
109	36.8	20.1	30.1#
65	60.4	34.1	51.1#

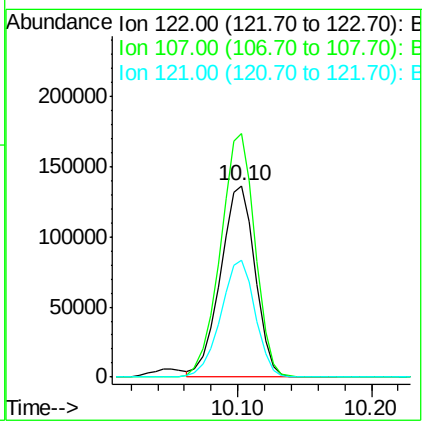


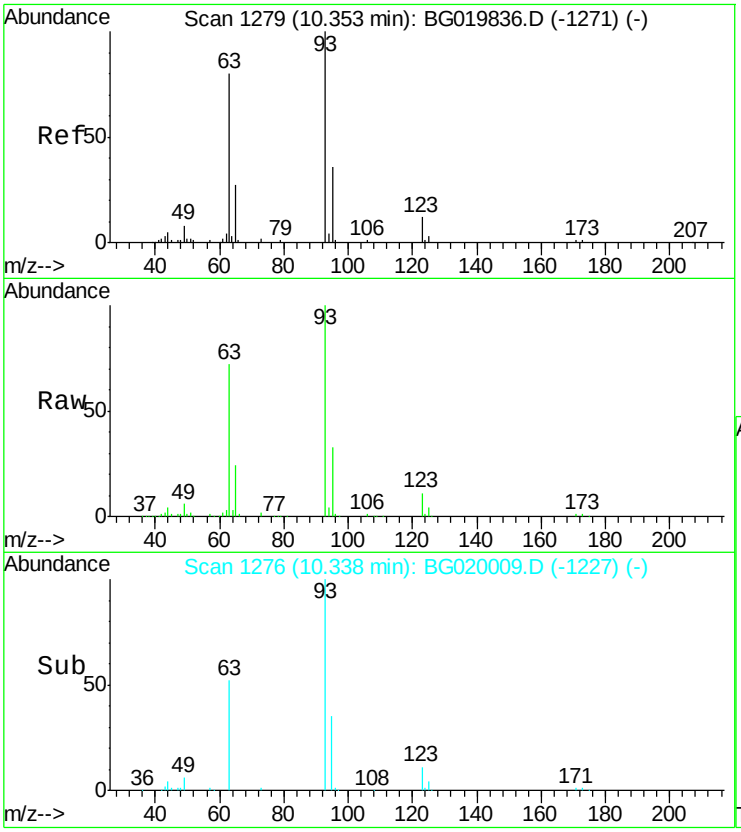


#27
2,4-Dimethylphenol
Concen: 169.42 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:122 Resp: 248597

Ion	Ratio	Lower	Upper
122	100		
107	127.1	91.6	137.4
121	61.0	47.3	70.9



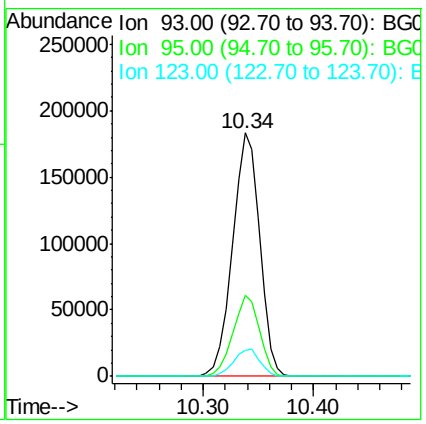


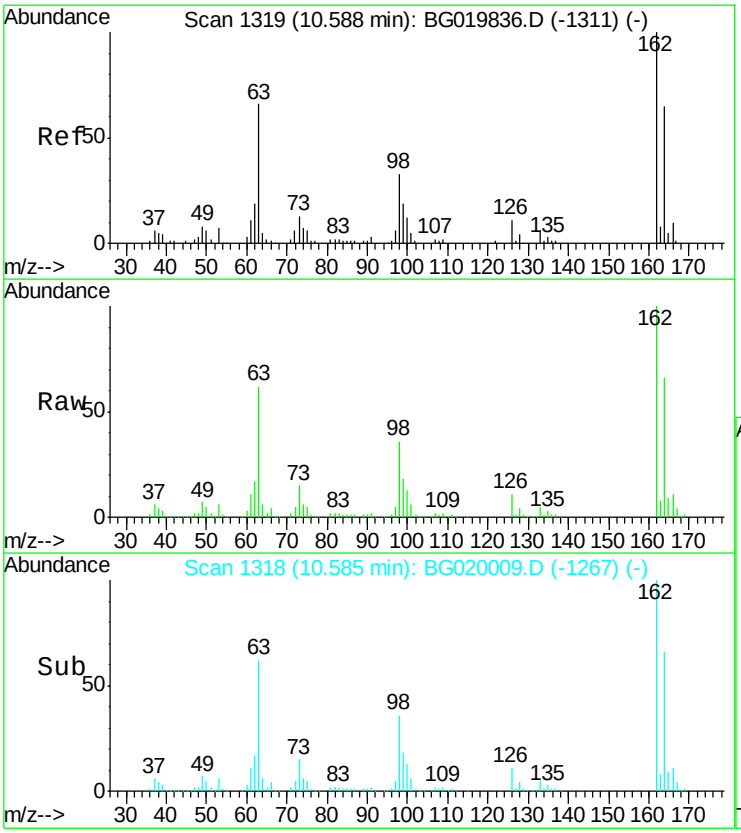
#28
bis(2-Chloroethoxy)methane
Concen: 179.30 ng
RT: 10.34 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 93 Resp: 315917

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	10.9	8.6	12.8

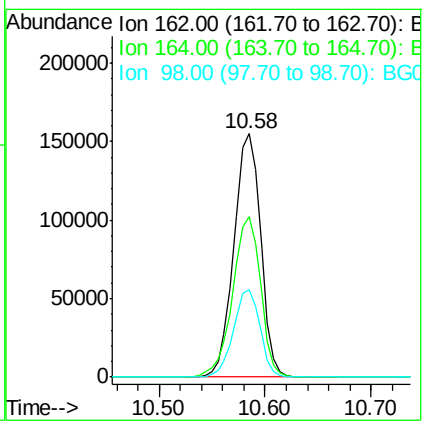


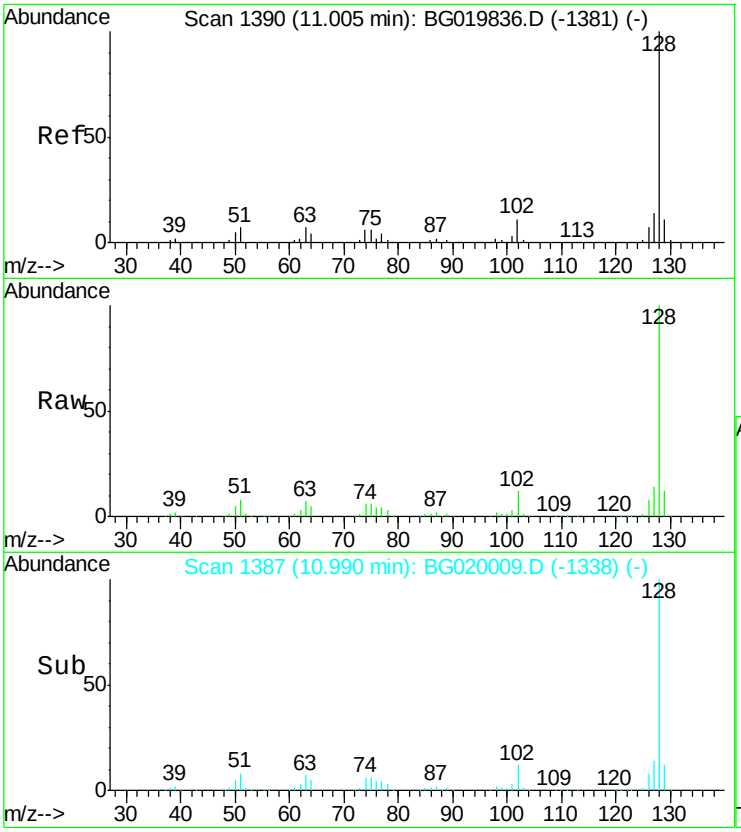


#29
2,4-Dichlorophenol
Concen: 180.56 ng
RT: 10.58 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:162 Resp: 270651

Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.3	82.3
98	35.8	11.5	51.5



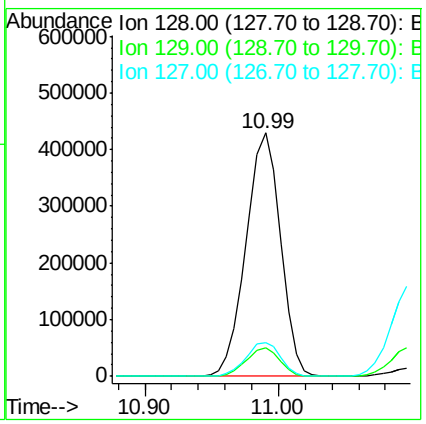


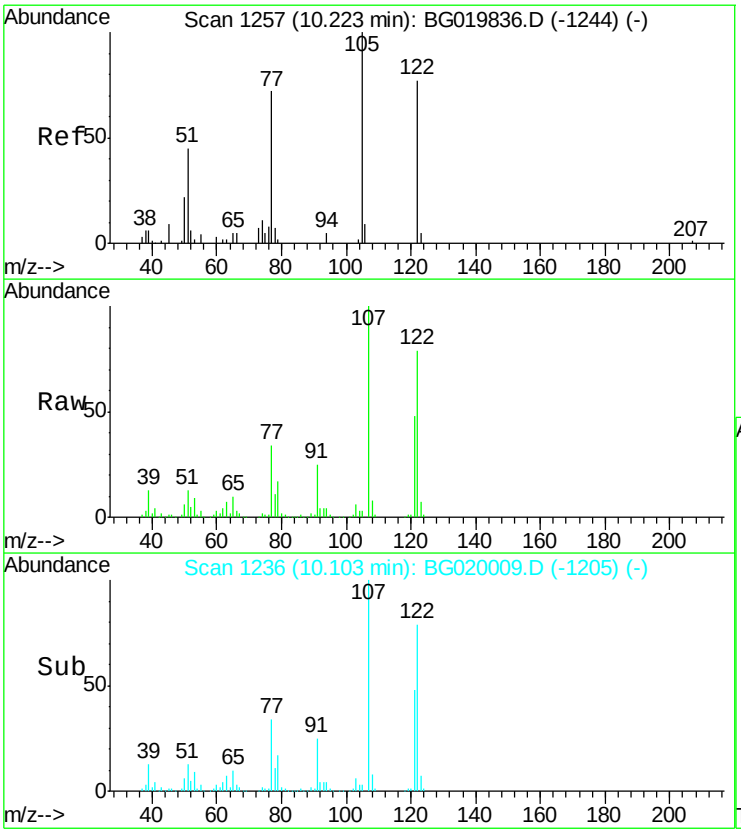
#31
Naphthalene
Concen: 166.26 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:128 Resp: 764511

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	14.0	10.6	16.0

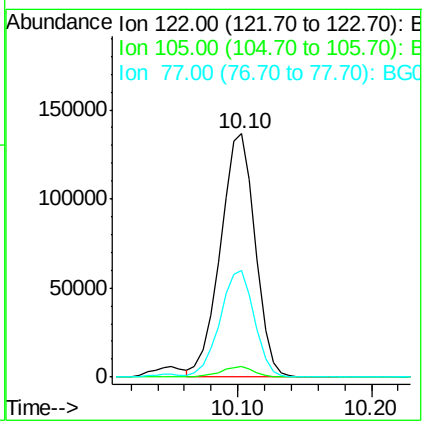


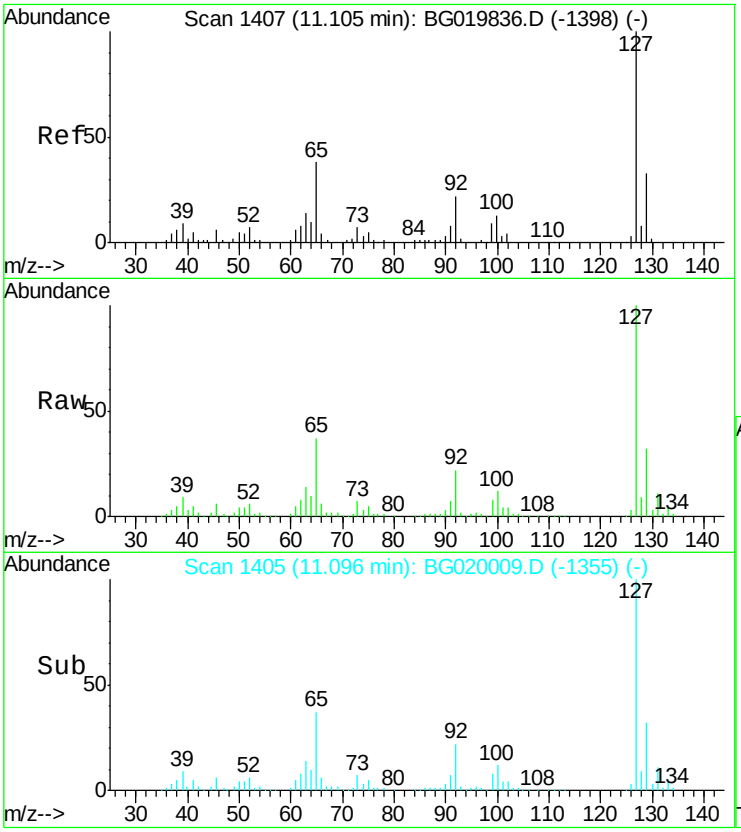


#32
Benzoic acid
Concen: 225.96 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.12 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:122 Resp: 248597

Ion	Ratio	Lower	Upper
122	100		
105	4.4	103.8	143.8#
77	43.7	68.8	108.8#



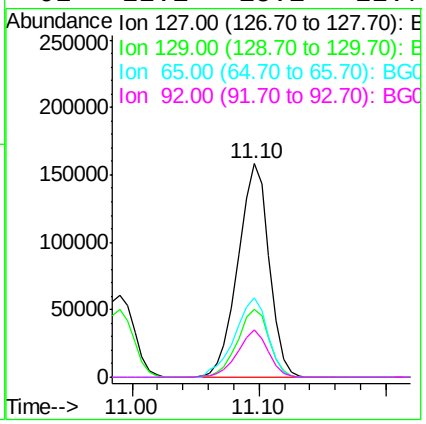


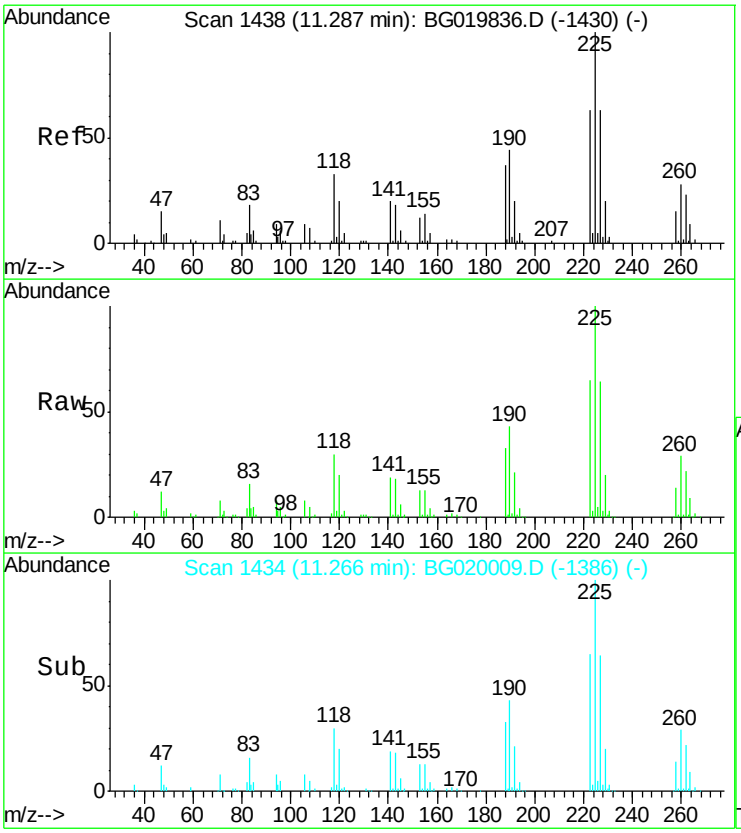
#33
4-Chloroaniline
Concen: 133.20 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:127 Resp: 269907

Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.6	37.0
65	37.2	22.6	33.8#
92	22.1	15.1	22.7

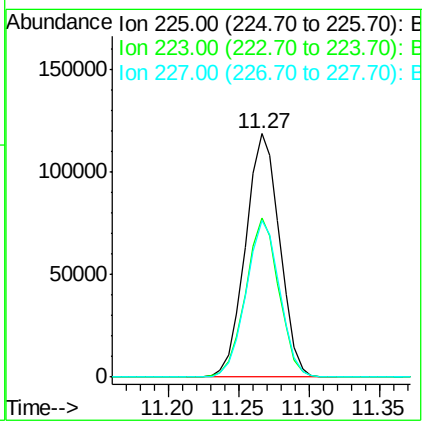


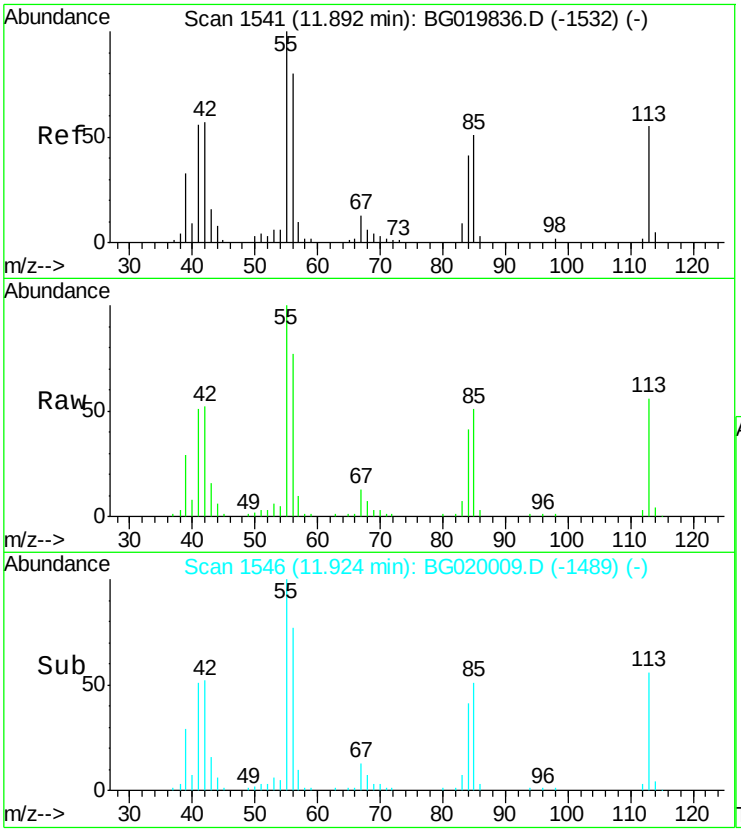


#34
Hexachlorobutadiene
Concen: 161.41 ng
RT: 11.27 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:225 Resp: 201694

Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.0	76.4
227	64.4	51.8	77.8



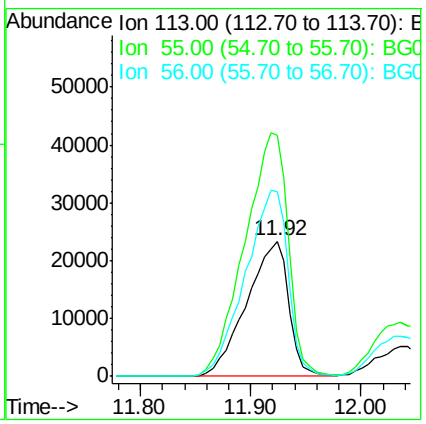


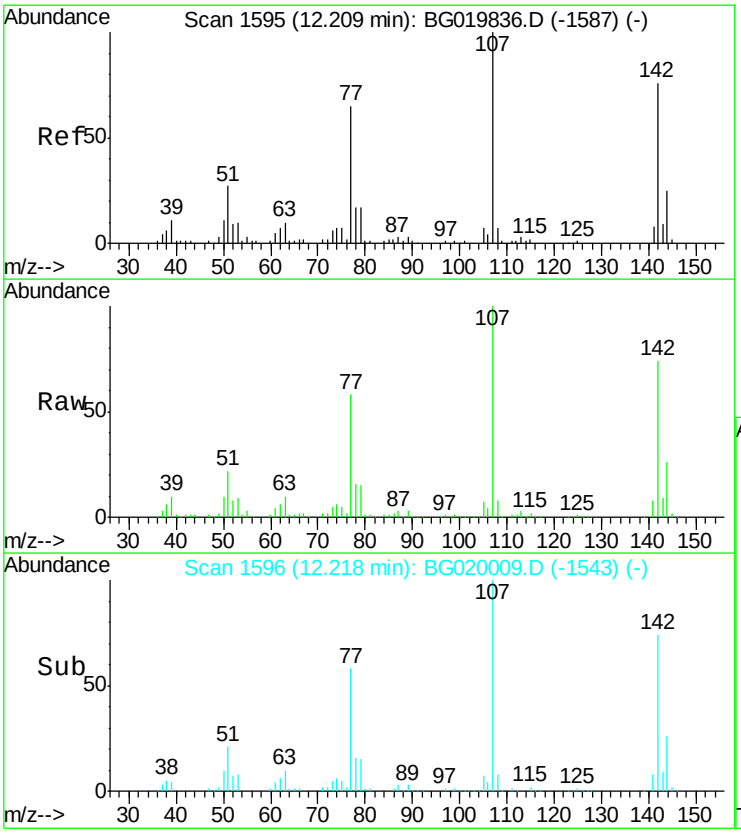
#35
Caprolactam
Concen: 111.83 ng
RT: 11.92 min Scan# 1546
Delta R.T. 0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:113 Resp: 62401

Ion	Ratio	Lower	Upper
113	100		
55	178.0	135.0	175.0#
56	136.4	83.4	123.4#

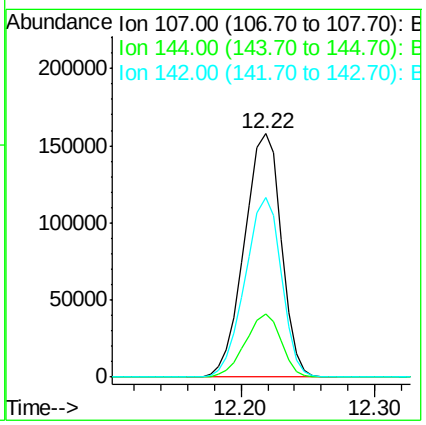


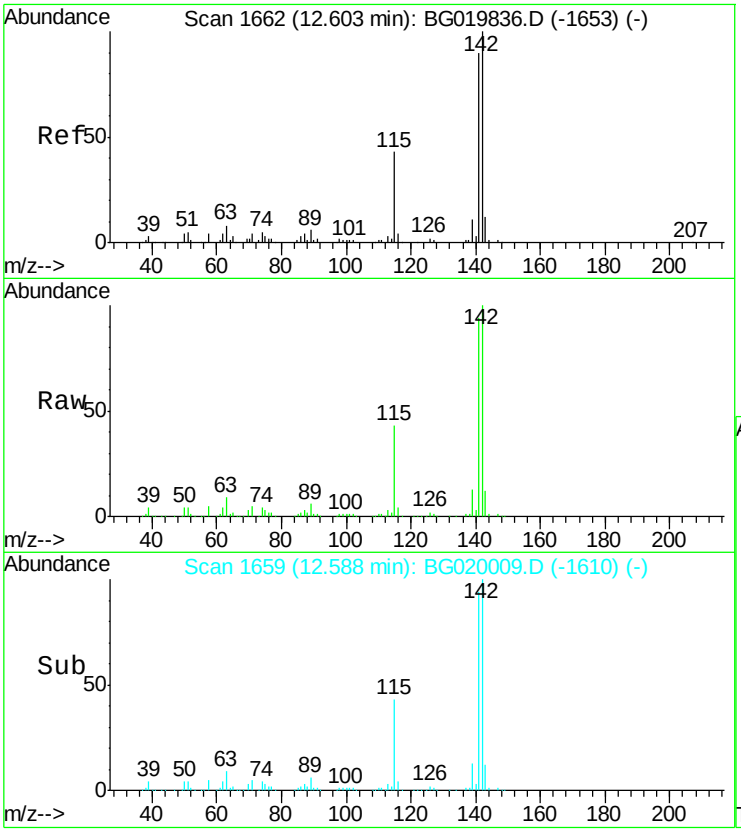


#36
4-Chloro-3-methylphenol
Concen: 161.28 ng
RT: 12.22 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:107 Resp: 301079

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.6	31.0
142	73.7	62.6	93.8



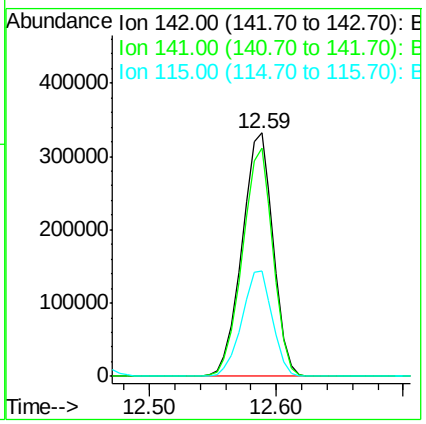


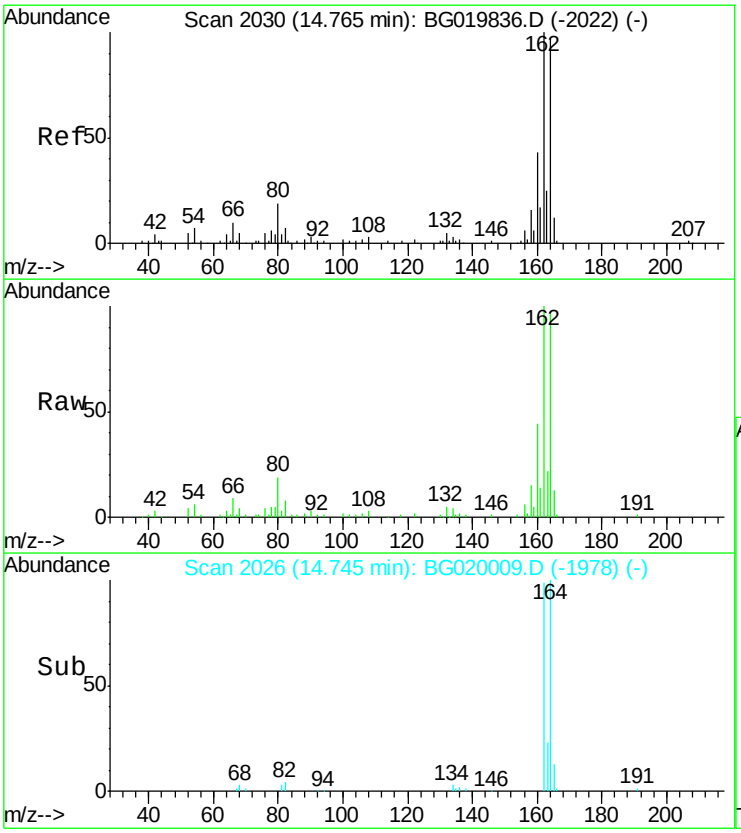
#37
2-Methylnaphthalene
Concen: 167.69 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:142 Resp: 565078

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.6	112.0
115	43.0	27.4	41.0#

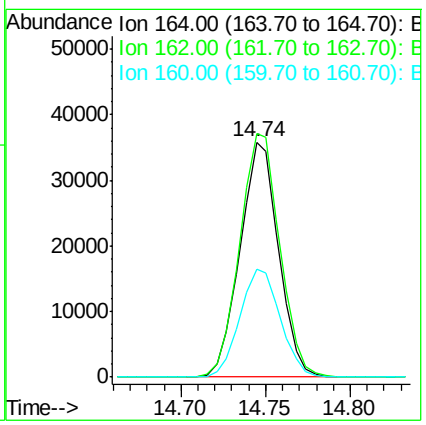


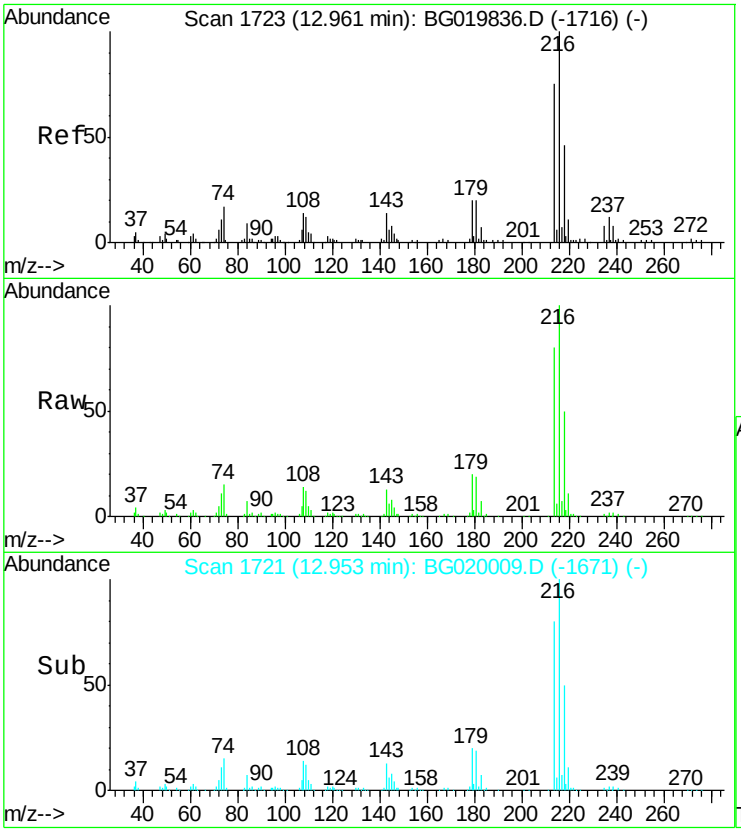


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:164 Resp: 56606

Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	45.9	36.4	54.6



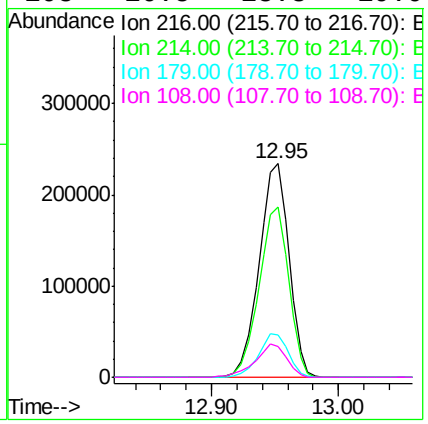


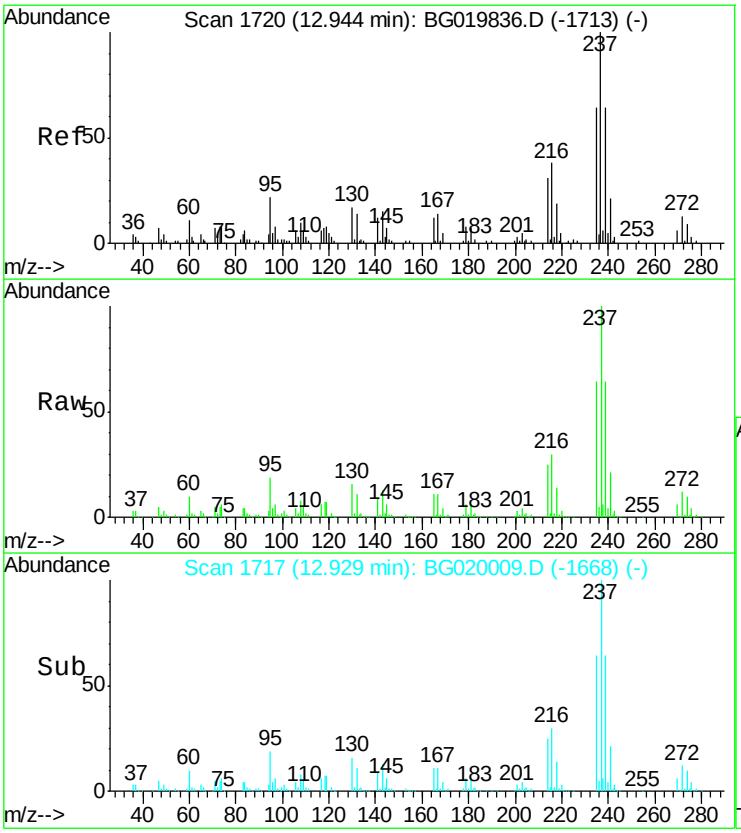
#39
1,2,4,5-Tetrachlorobenzene
Concen: 178.83 ng
RT: 12.95 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:216 Resp: 384140

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.5	93.7
179	20.0	15.6	23.4
108	16.5	13.3	19.9

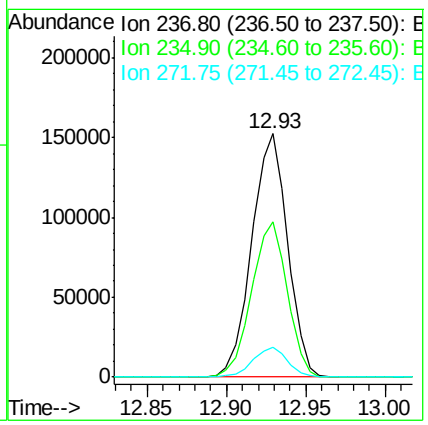


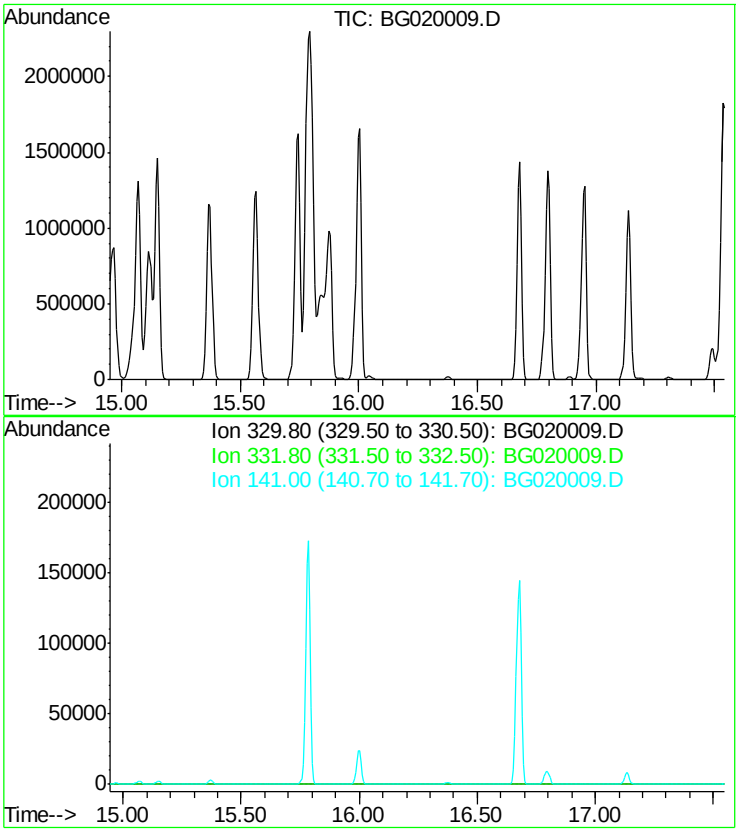


#40
Hexachlorocyclopentadiene
Concen: 195.35 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:237 Resp: 239277

Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.6	84.6
272	12.4	0.0	32.8





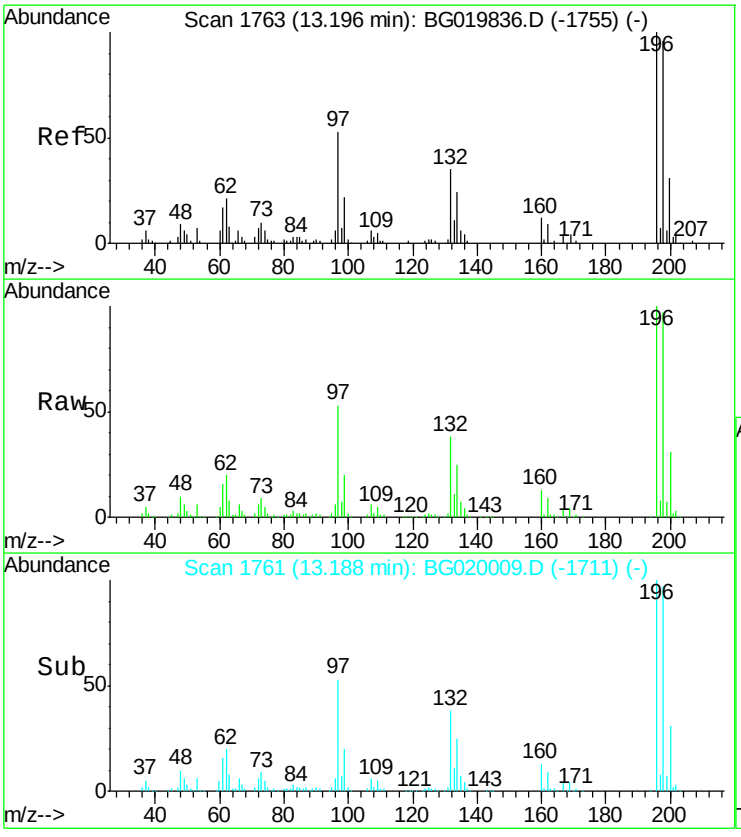
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.25 min

Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.6
141	35.2

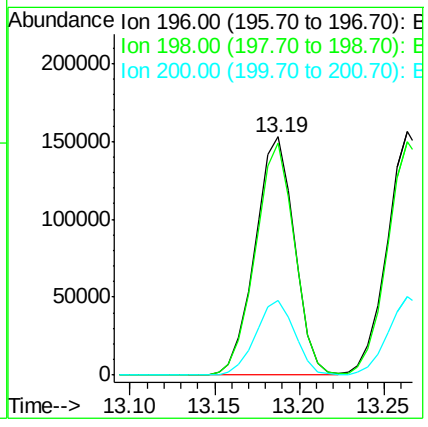
Instrument :
BNA_G
ClientSampleId :
SP3516

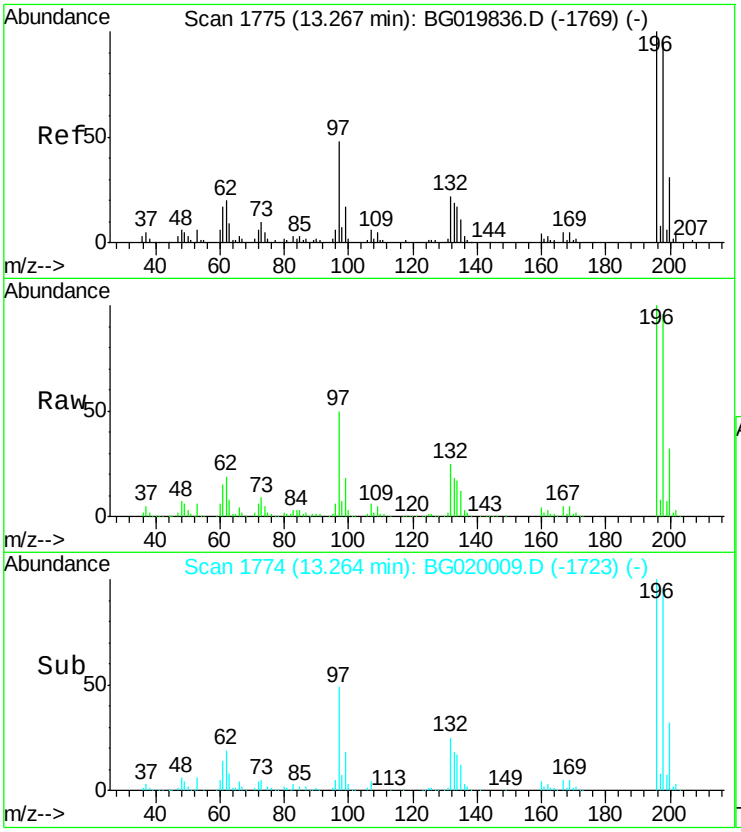


#42
2,4,6-Trichlorophenol
Concen: 174.20 ng
RT: 13.19 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:196 Resp: 247745

Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.7	112.1
200	31.1	24.1	36.1



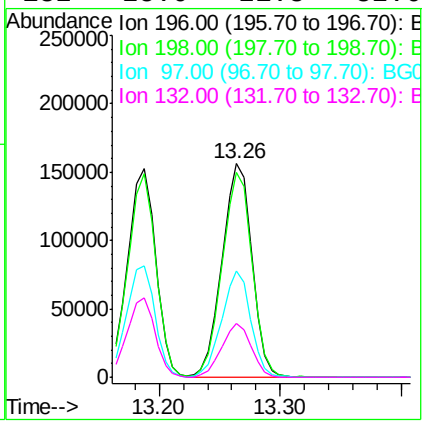


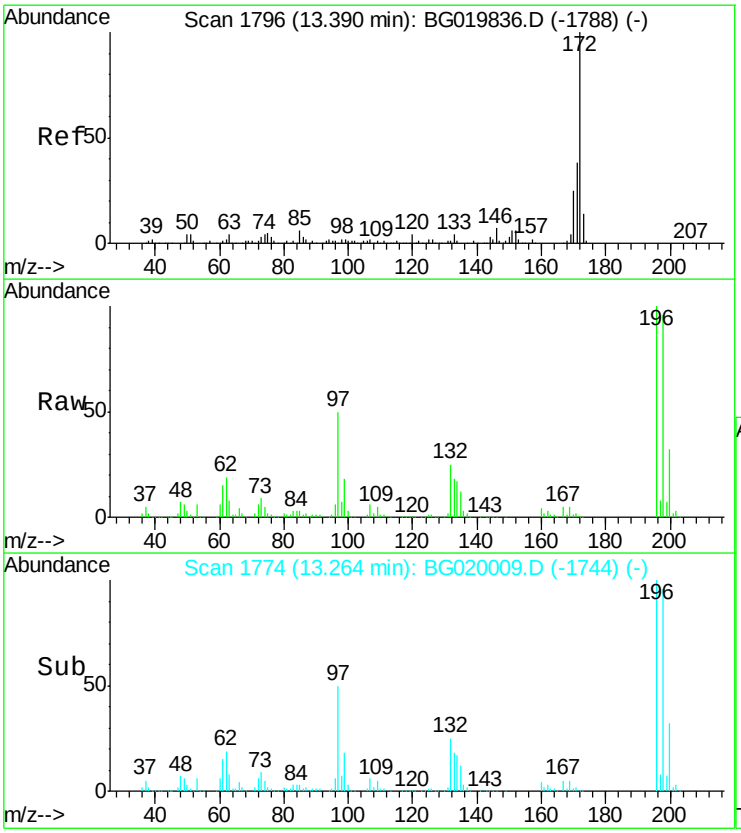
#43
2,4,5-Trichlorophenol
Concen: 178.25 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:196 Resp: 267935

Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.2	112.8
97	50.0	34.2	51.2
132	25.0	21.8	32.6

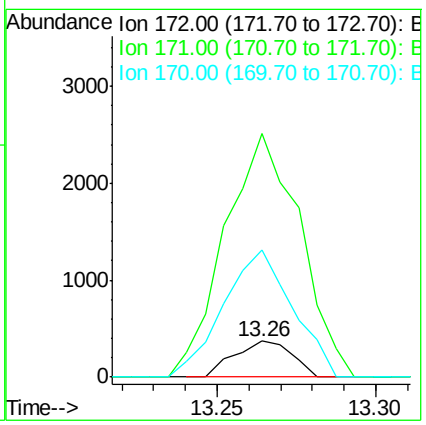


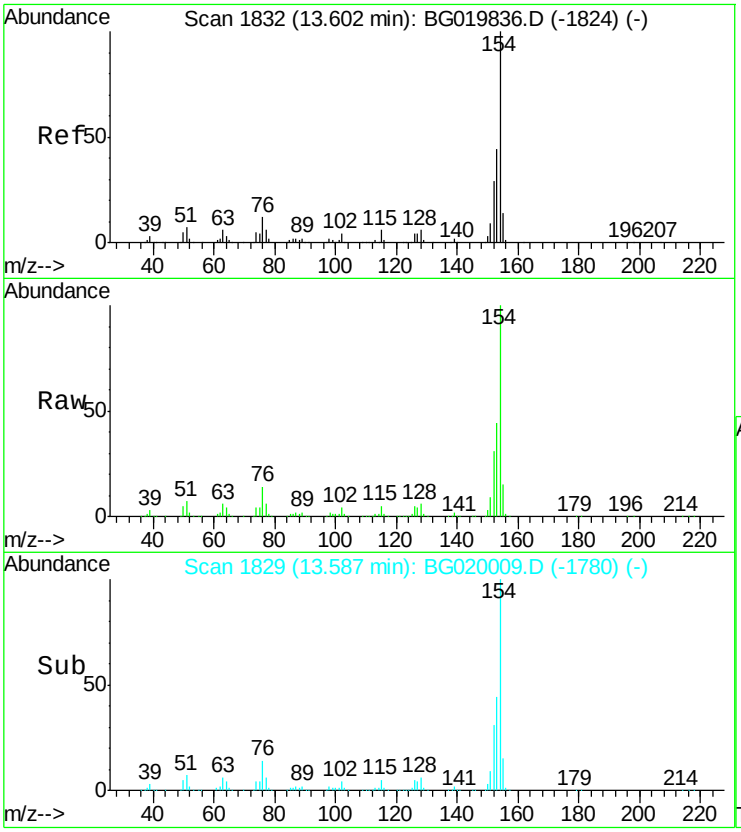


#44
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.13 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:172 Resp: 468

Ion	Ratio	Lower	Upper
172	100		
171	678.9	29.0	43.6#
170	356.2	19.9	29.9#



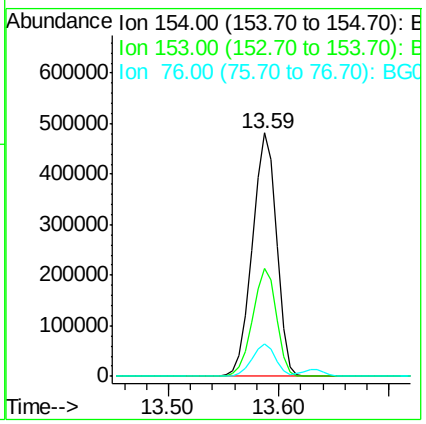


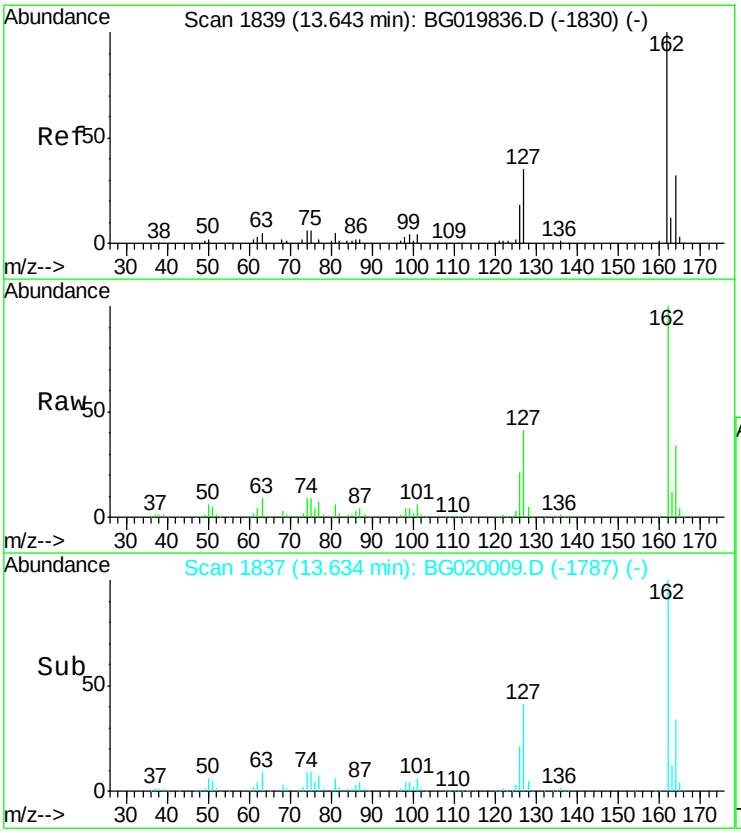
#45
1,1'-Biphenyl
Concen: 160.04 ng
RT: 13.59 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:154 Resp: 743451

Ion	Ratio	Lower	Upper
154	100		
153	44.4	21.9	61.9
76	13.6	0.0	33.2

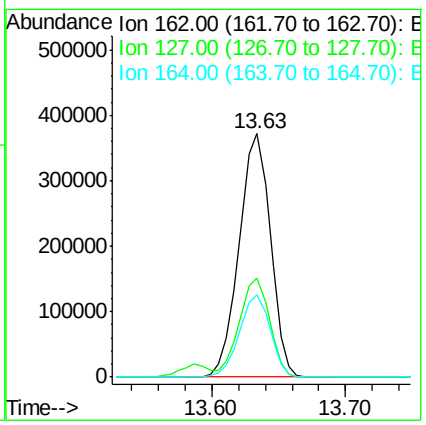


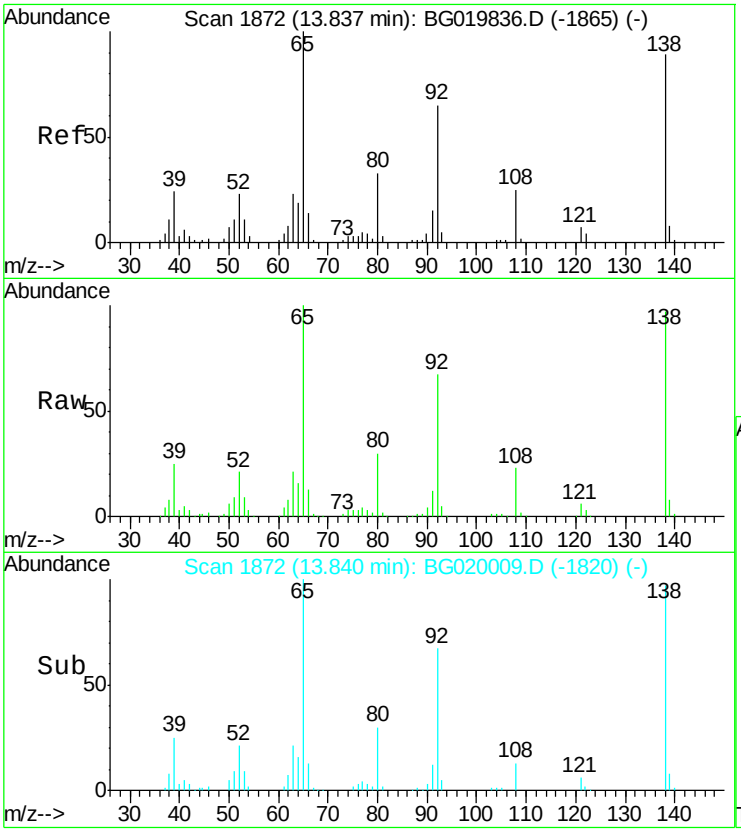


#46
2-Chloronaphthalene
Concen: 168.18 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:162 Resp: 602201

Ion	Ratio	Lower	Upper
162	100		
127	40.8	28.3	42.5
164	34.1	27.4	41.0



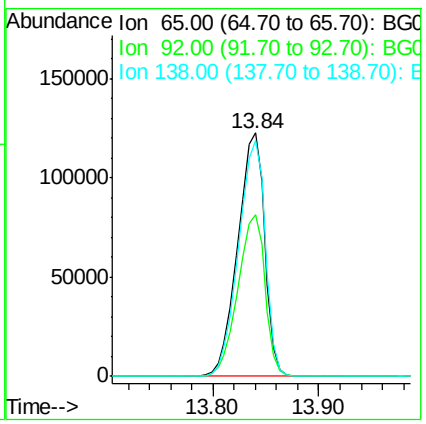


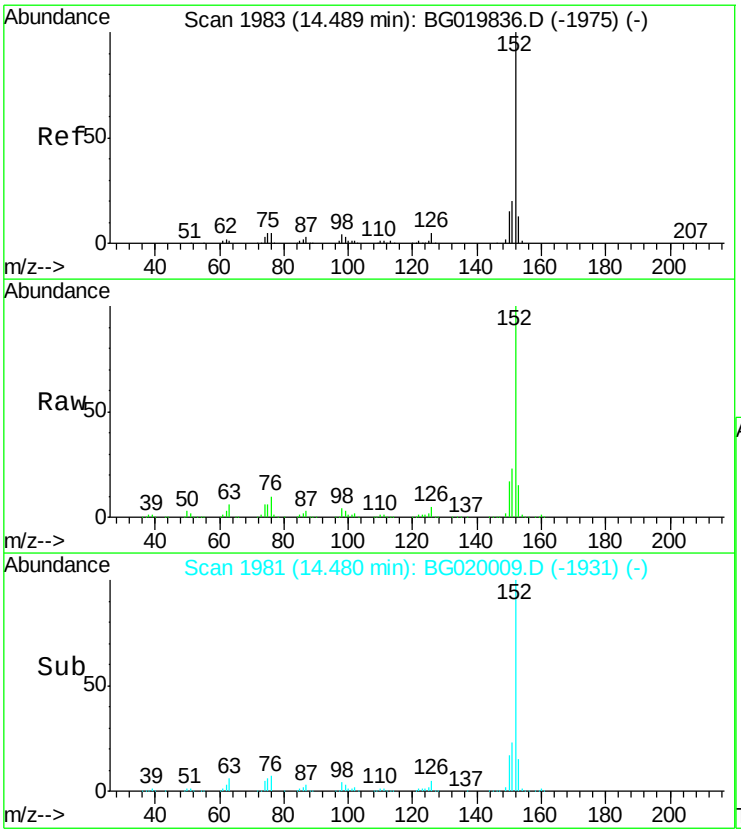
#47
2-Nitroaniline
Concen: 191.60 ng
RT: 13.84 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion: 65 Resp: 216691

Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.8	82.2
138	96.9	89.6	134.4

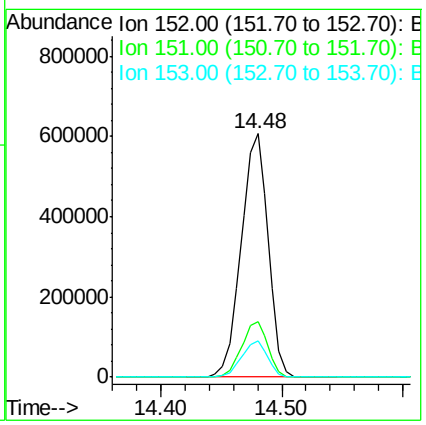


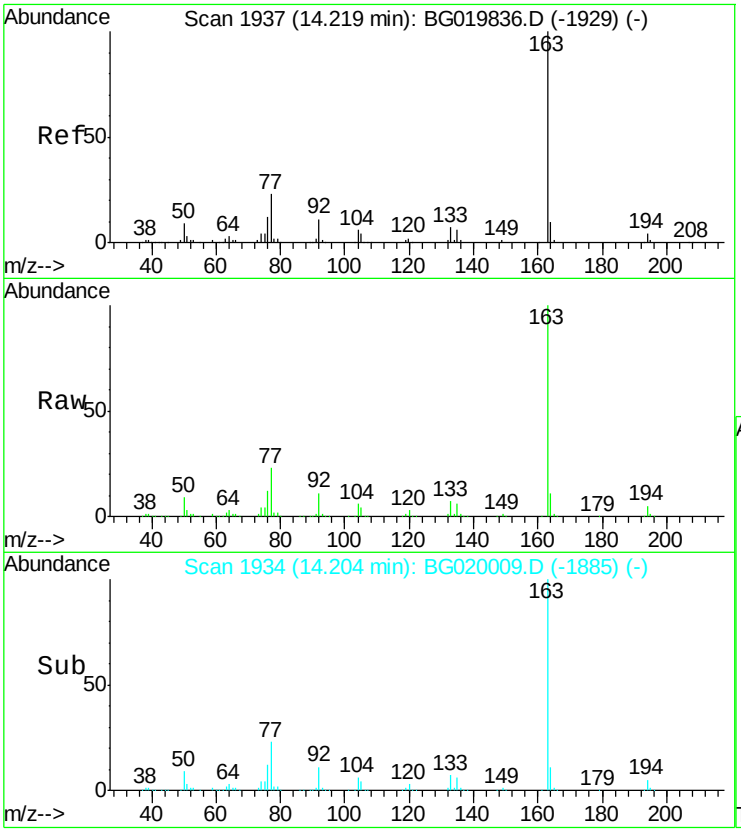


#48
Acenaphthylene
Concen: 154.28 ng
RT: 14.48 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:152 Resp: 940993

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.0	25.4
153	14.7	10.4	15.6



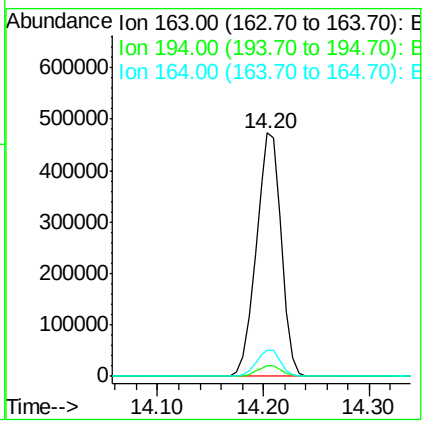


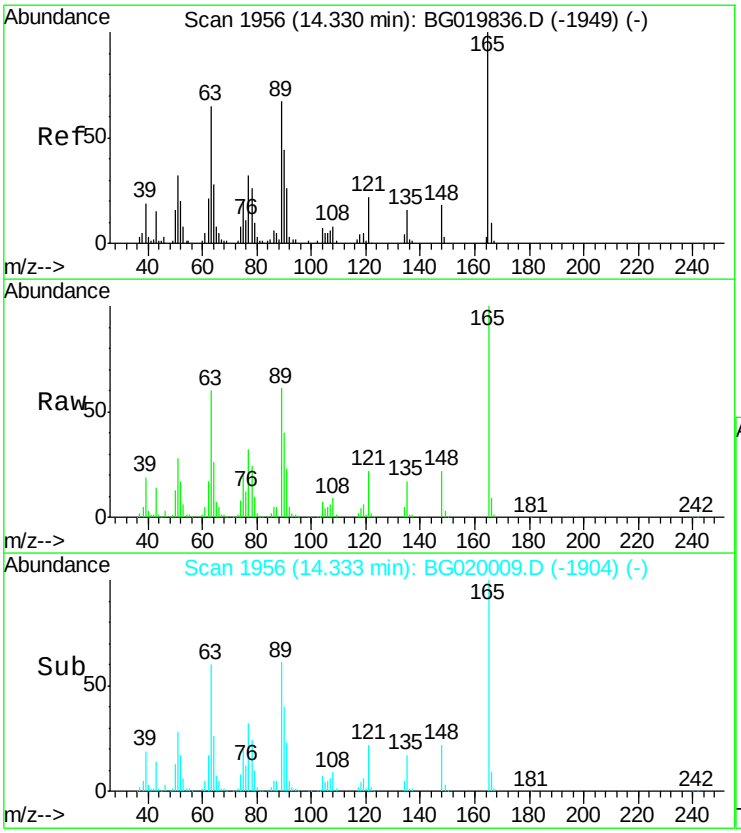
#49
Dimethylphthalate
Concen: 152.30 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:163 Resp: 775518

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	10.9	8.8	13.2

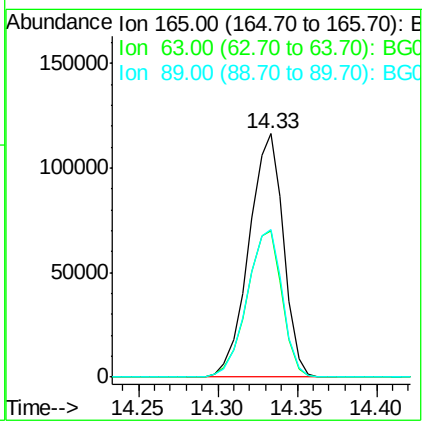


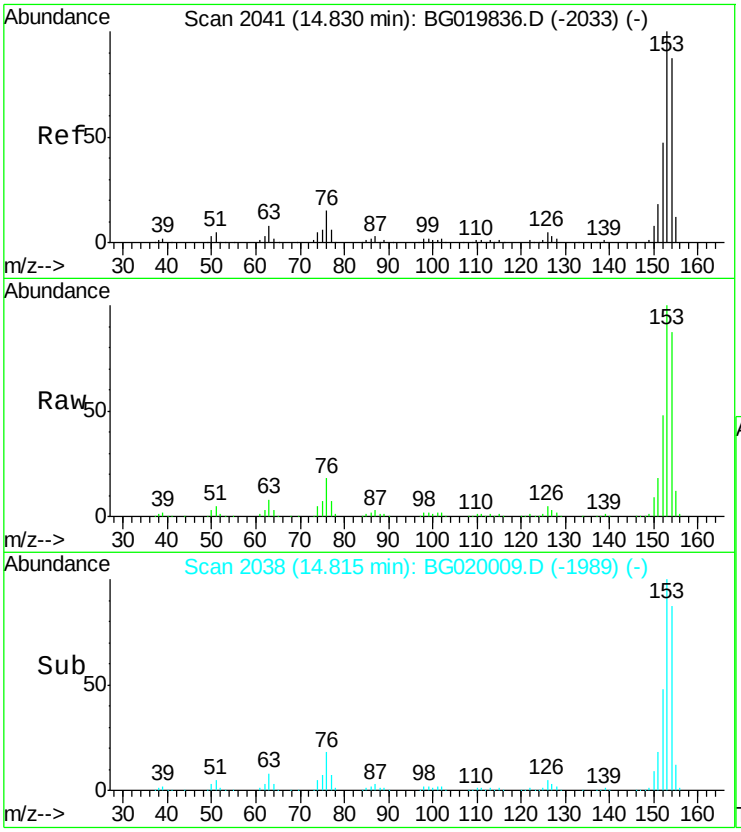


#50
2,6-Dinitrotoluene
Concen: 183.38 ng
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:165 Resp: 175557

Ion	Ratio	Lower	Upper
165	100		
63	60.2	35.7	53.5#
89	60.7	39.7	59.5#



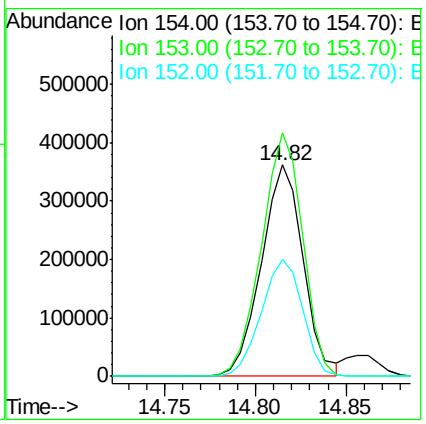


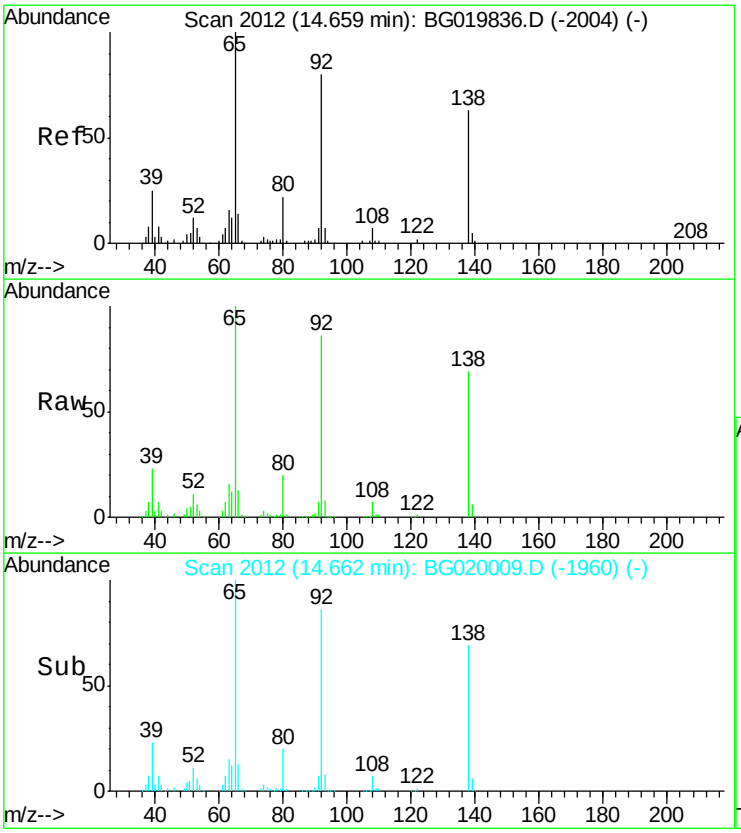
#51
Acenaphthene
Concen: 157.50 ng
RT: 14.82 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:154 Resp: 582906

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.9	139.3
152	55.3	45.8	68.8

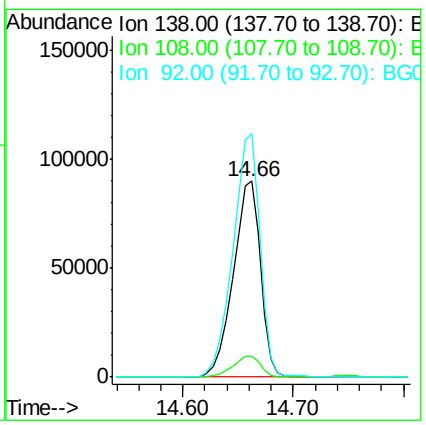


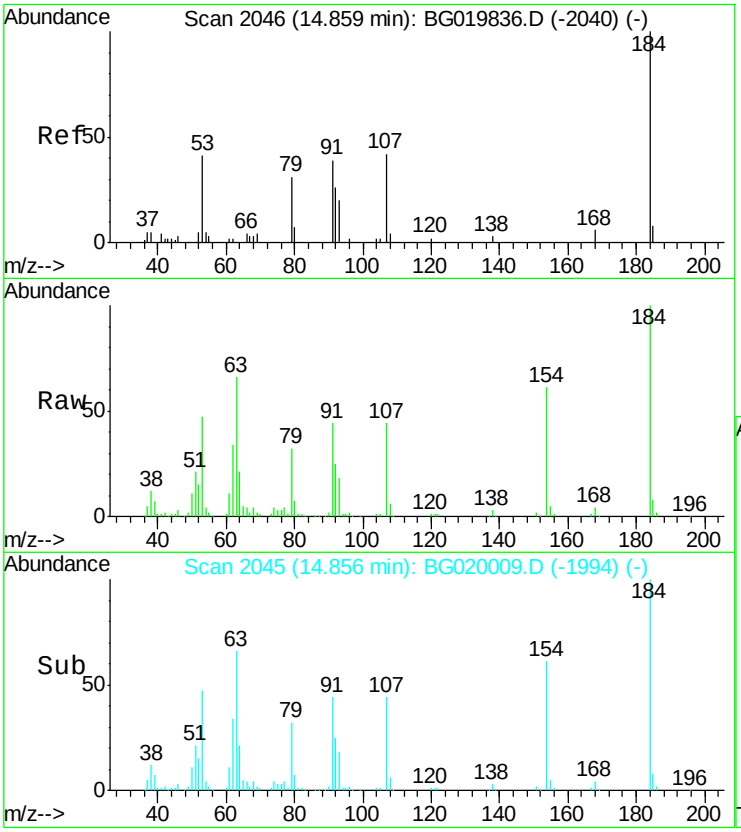


#52
3-Nitroaniline
Concen: 156.71 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:138 Resp: 155867

Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	124.1	94.2	141.4



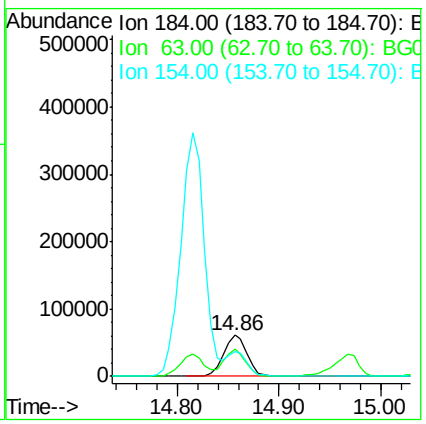


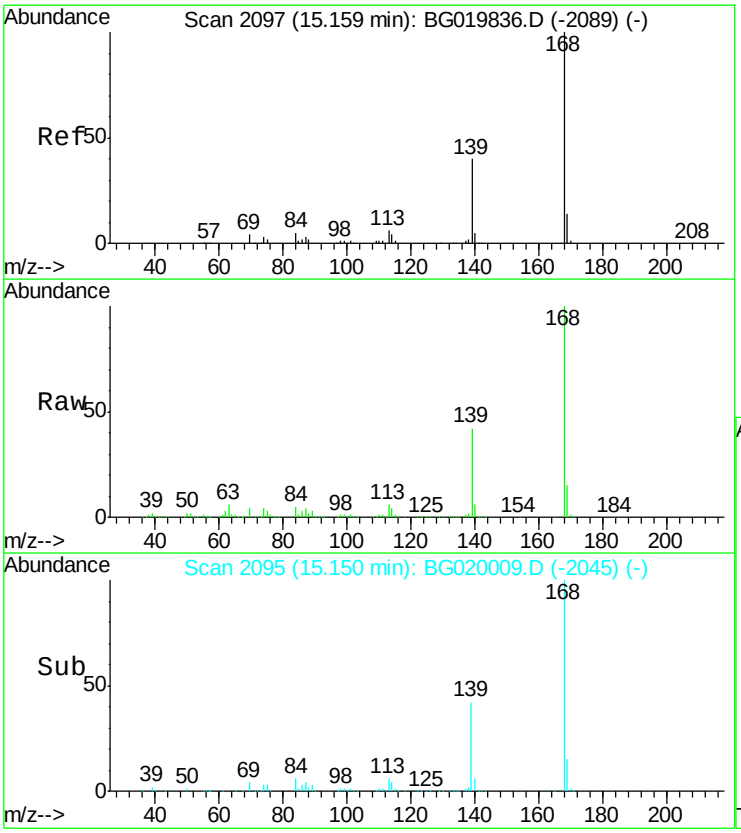
#53
2,4-Dinitrophenol
Concen: 181.90 ng
RT: 14.86 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:184 Resp: 99469

Ion	Ratio	Lower	Upper
184	100		
63	66.2	42.7	64.1#
154	60.6	44.3	66.5

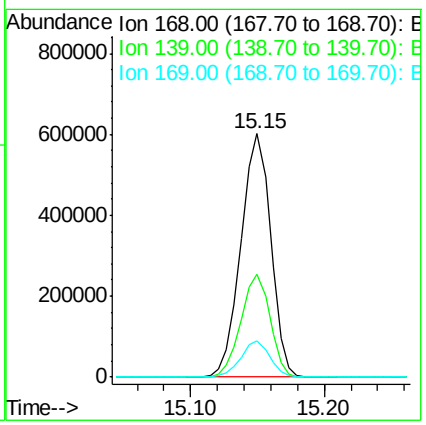


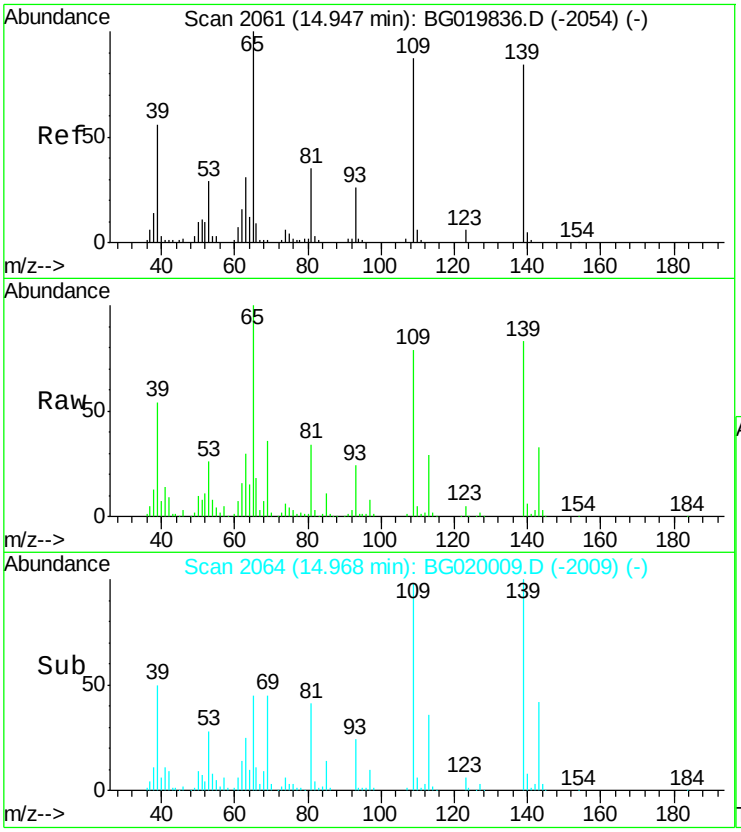


#54
Dibenzofuran
Concen: 168.01 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:168 Resp: 925021

Ion	Ratio	Lower	Upper
168	100		
139	42.0	27.4	41.0#
169	15.1	11.0	16.4



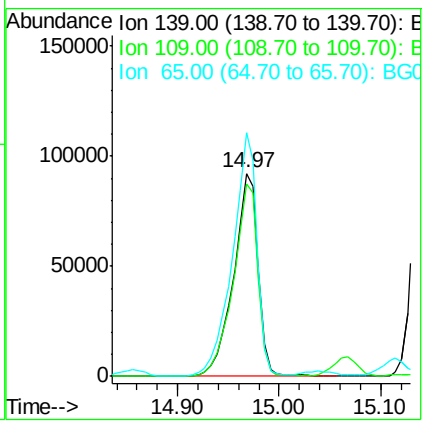


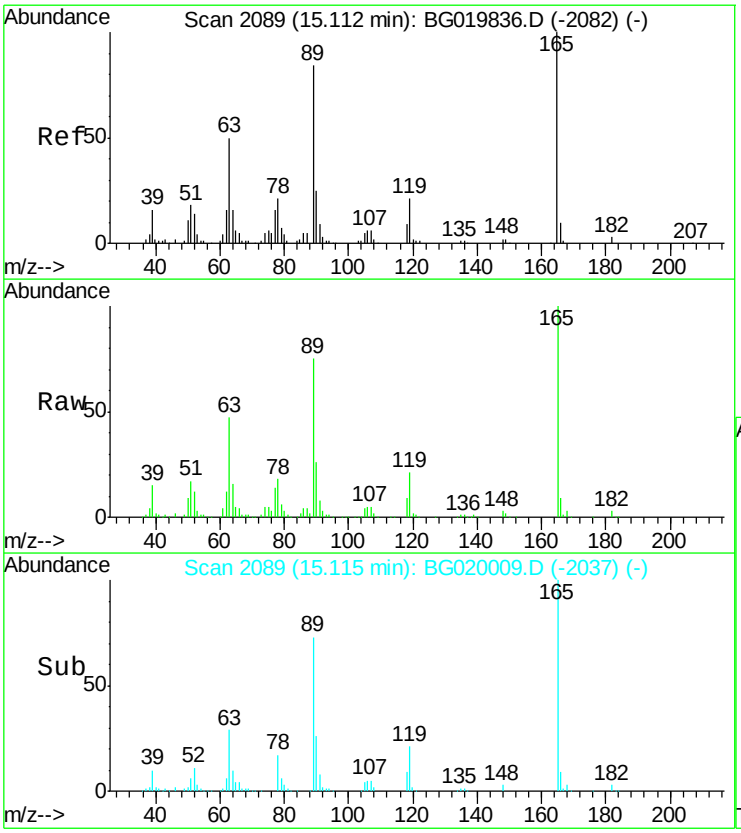
#55
4-Nitrophenol
Concen: 178.66 ng
RT: 14.97 min Scan# 2064
Delta R.T. 0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:139 Resp: 154755

Ion	Ratio	Lower	Upper
139	100		
109	94.5	43.2	83.2#
65	119.8	67.8	107.8#

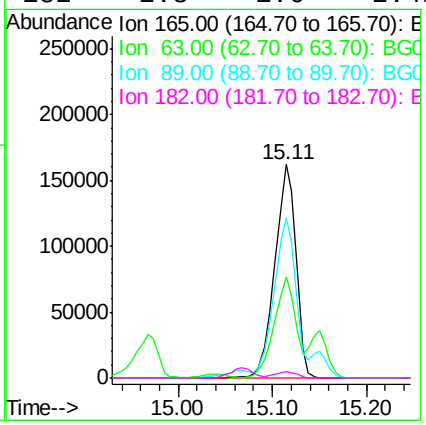


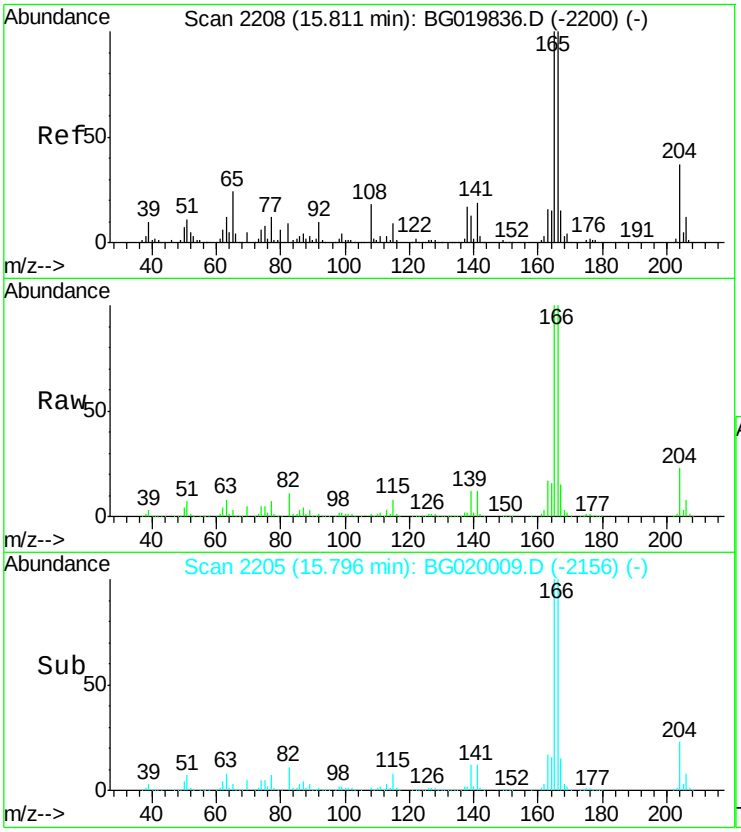


#56
2,4-Dinitrotoluene
Concen: 189.42 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:165 Resp: 253002

Ion	Ratio	Lower	Upper
165	100		
63	47.2	31.0	46.4#
89	74.8	54.4	81.6
182	2.8	1.6	2.4#



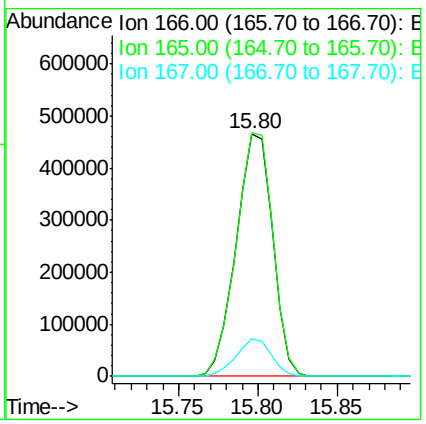


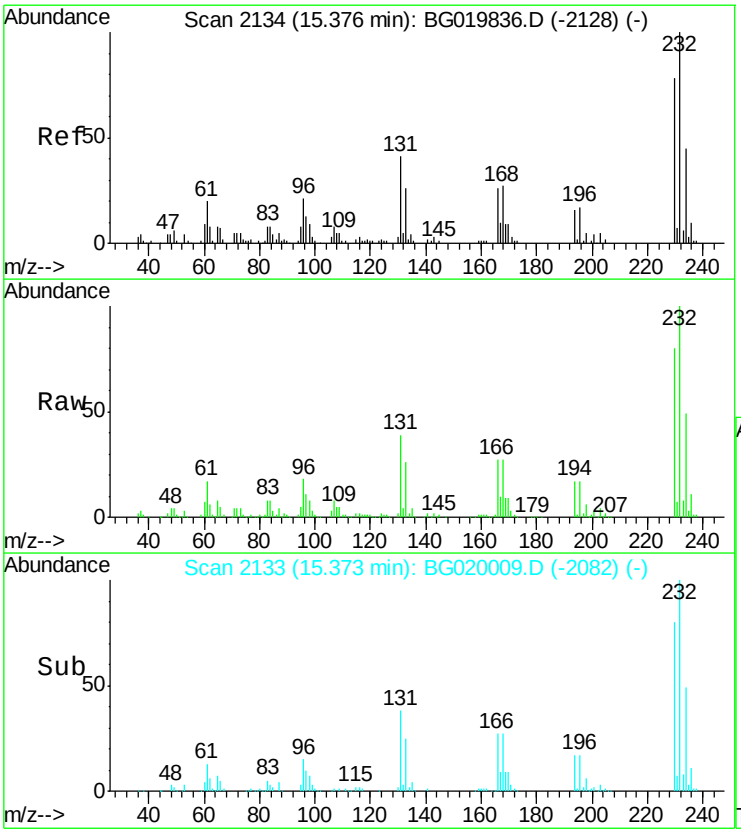
#57
Fluorene
Concen: 151.45 ng
RT: 15.80 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:166 Resp: 746368

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.0	120.0
167	15.3	11.1	16.7

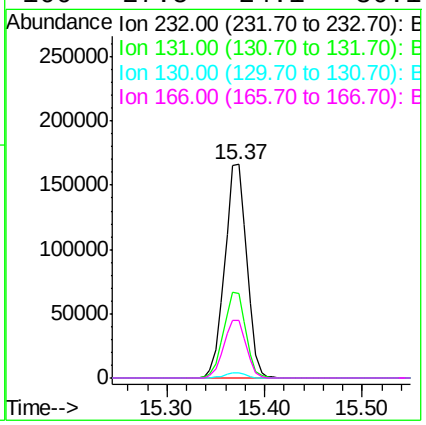


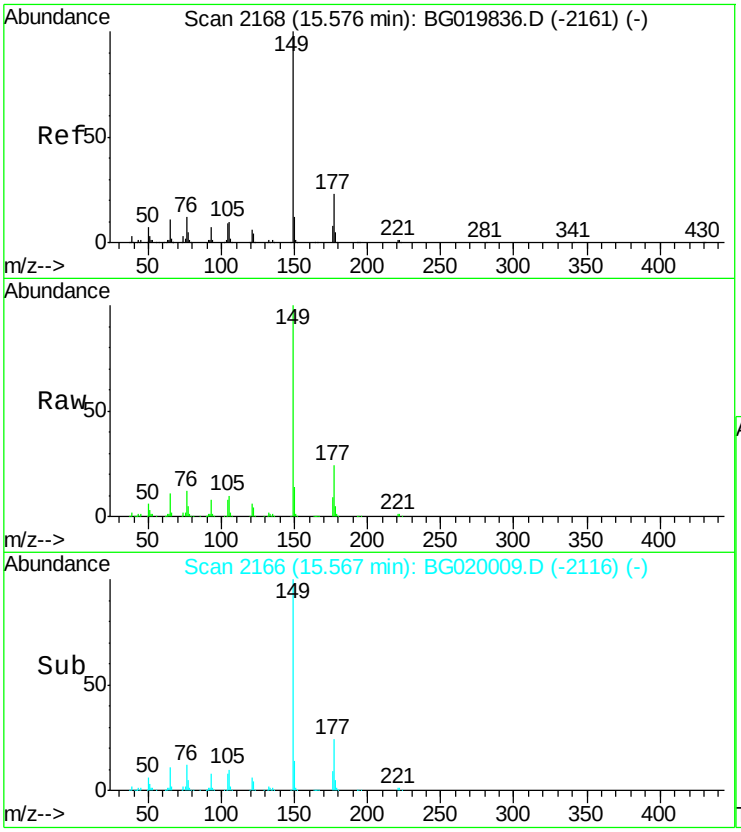


#58
2,3,4,6-Tetrachlorophenol
Concen: 186.34 ng
RT: 15.37 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:232 Resp: 259220

Ion	Ratio	Lower	Upper
232	100		
131	40.1	33.0	49.6
130	2.4	2.0	3.0
166	27.5	24.1	36.1



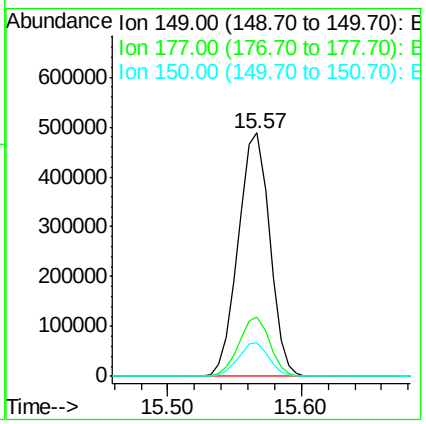


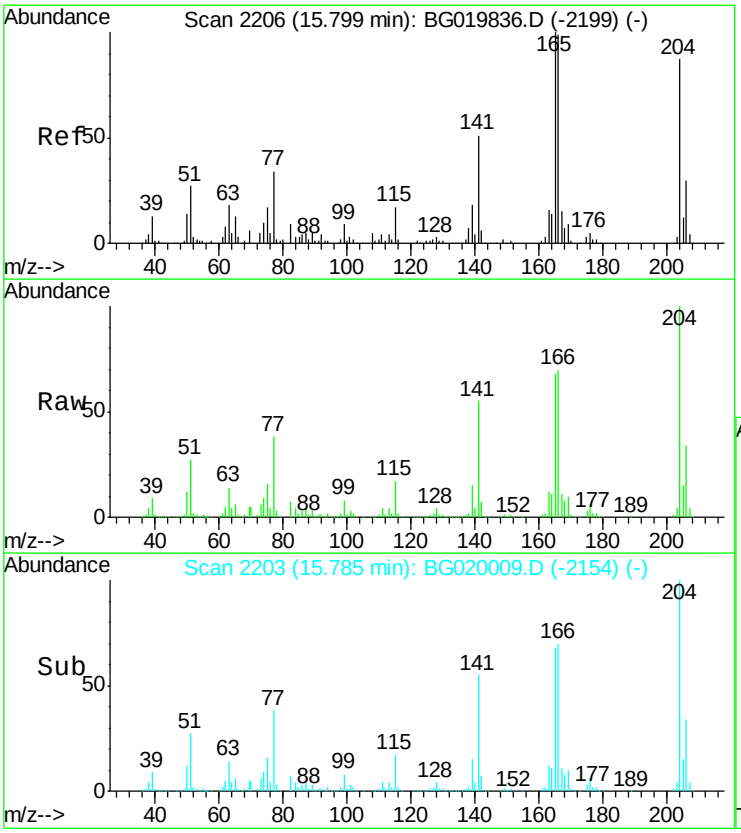
#59
Diethylphthalate
Concen: 144.27 ng
RT: 15.57 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:149 Resp: 795023

Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.6	29.4
150	13.8	10.2	15.2

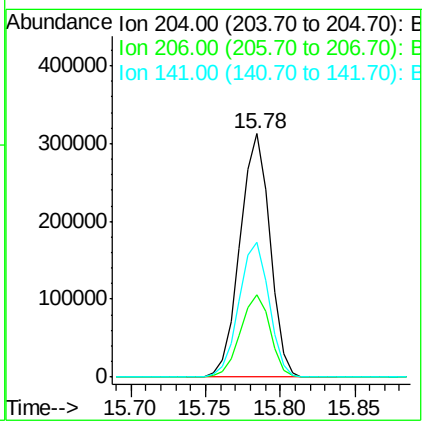


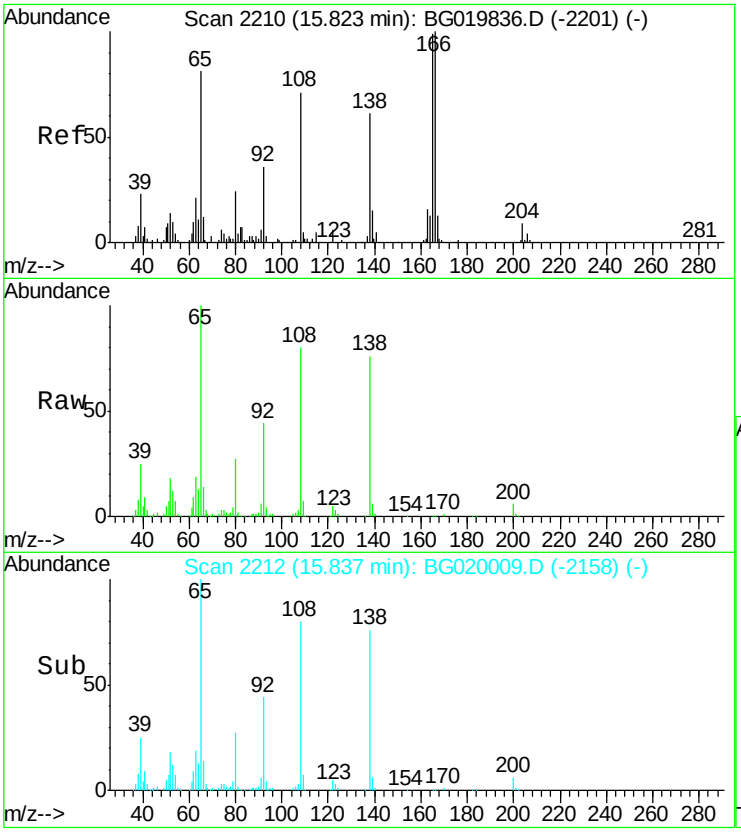


#60
4-Chlorophenyl-phenylether
Concen: 153.25 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:204 Resp: 433603

Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.3	42.5
141	55.3	44.0	66.0



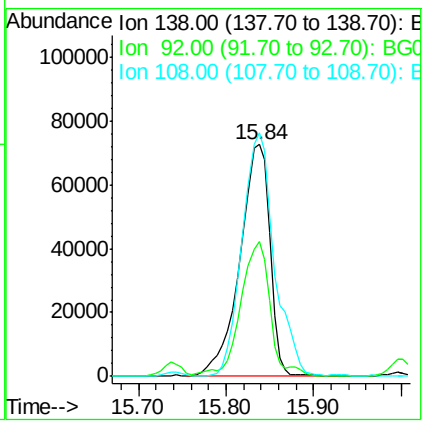


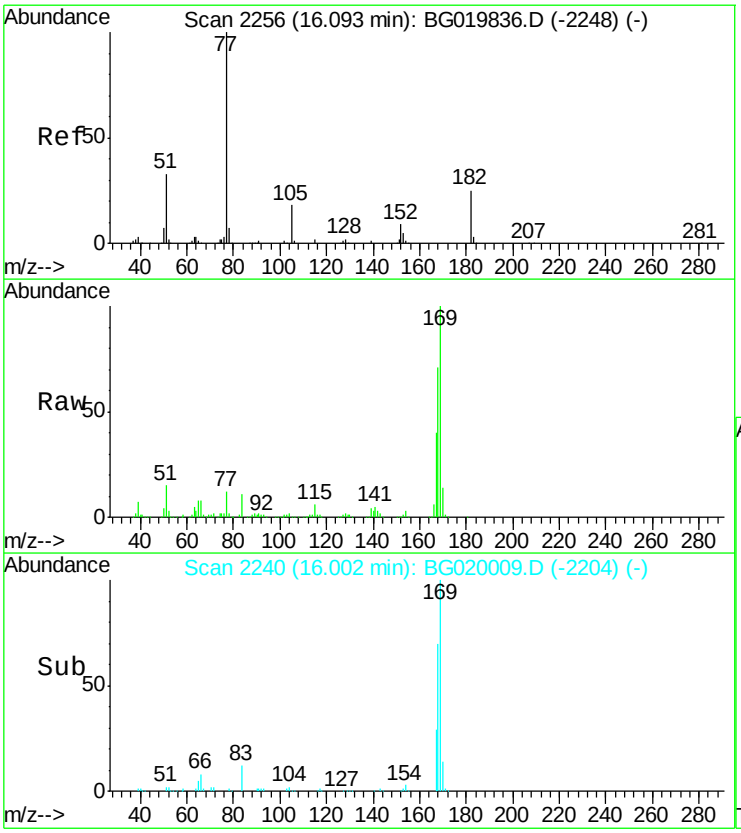
#61
4-Nitroaniline
Concen: 151.83 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:138 Resp: 169843

Ion	Ratio	Lower	Upper
138	100		
92	57.9	29.1	69.1
108	105.0	49.8	89.8#

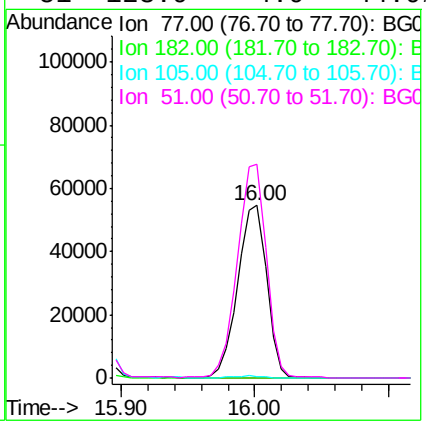


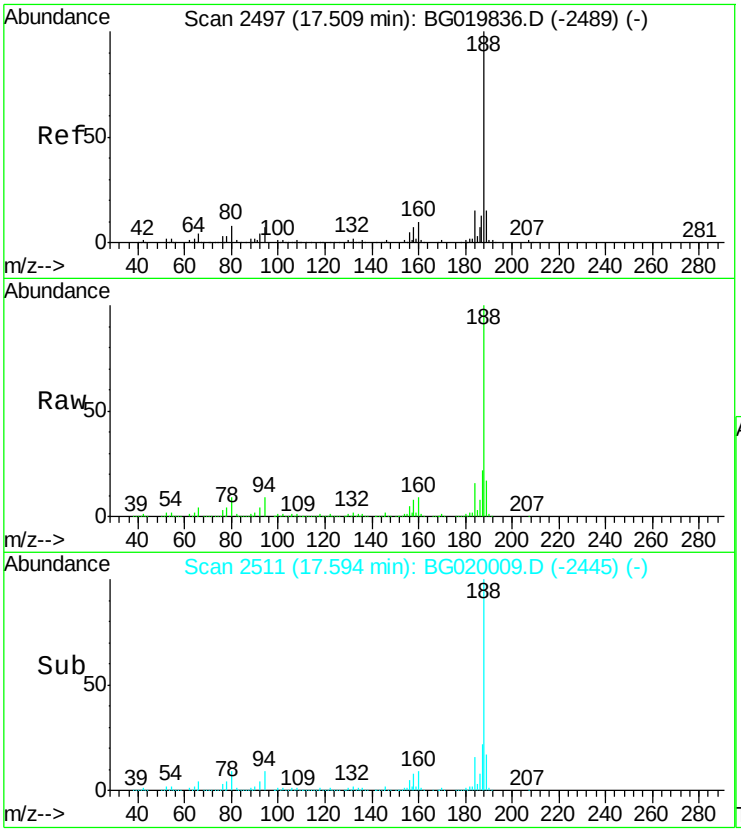


#62
Azobenzene
Concen: 17.96 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.09 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion: 77 Resp: 82376

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.0	47.0#
105	1.0	1.4	41.4#
51	123.9	4.9	44.9#



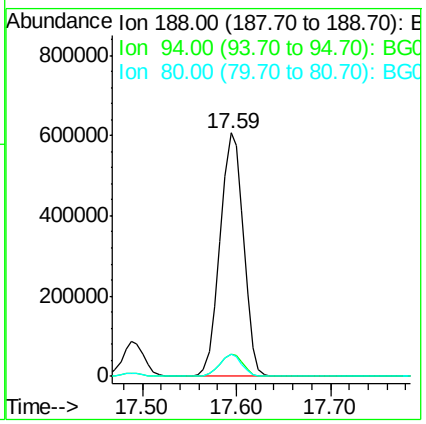


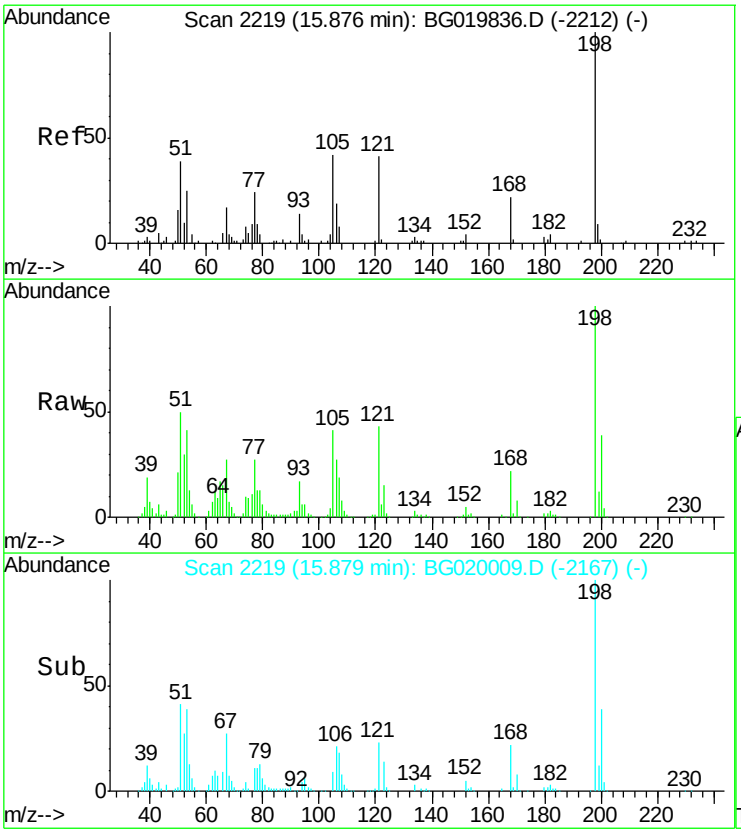
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2511
Delta R.T. 0.09 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:188 Resp: 1054407

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.7	11.5
80	9.1	7.8	11.8

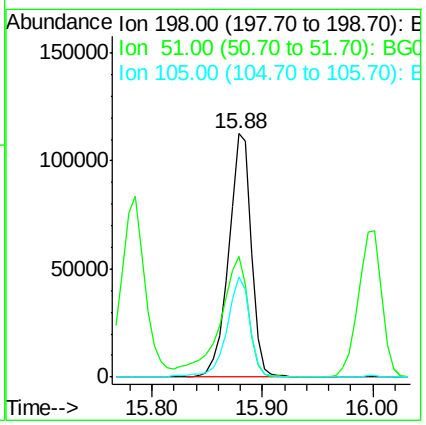


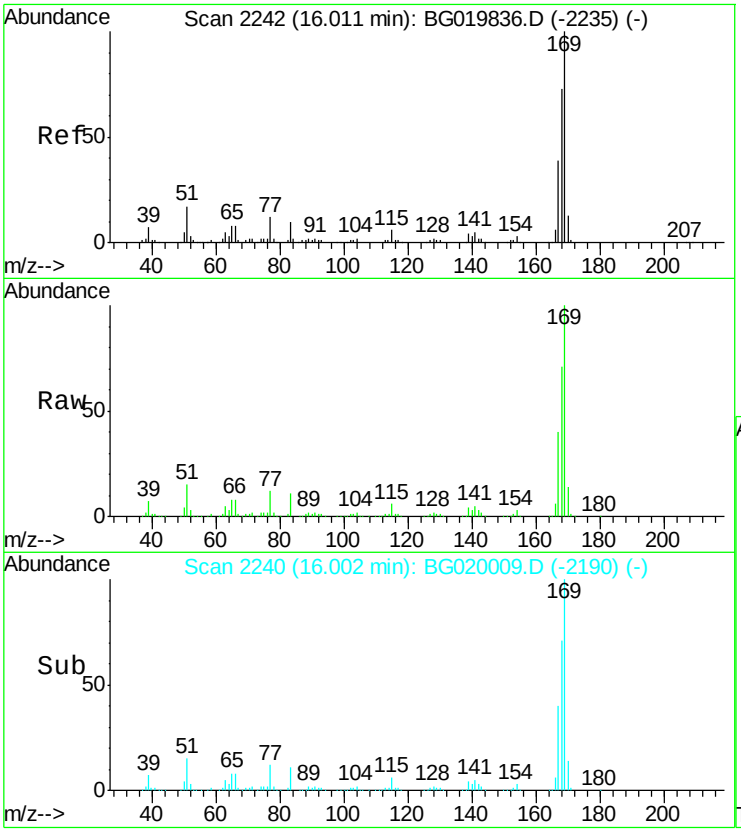


#64
4,6-Dinitro-2-methylphenol
Concen: 29.98 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:198 Resp: 162035

Ion	Ratio	Lower	Upper
198	100		
51	49.5	14.2	54.2
105	40.9	21.1	61.1



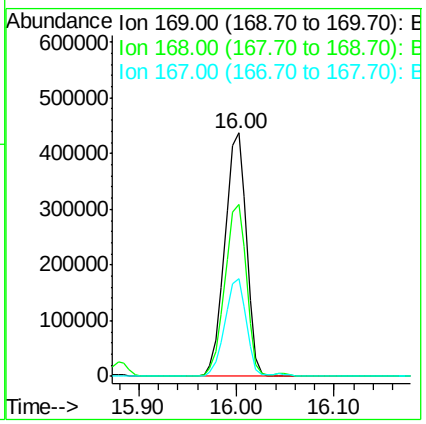


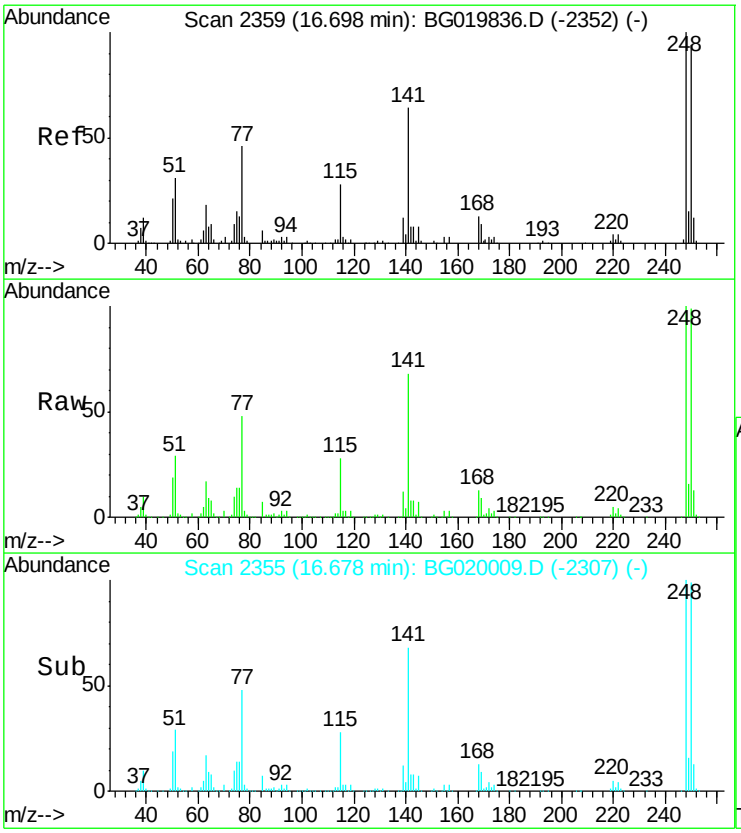
#65
n-Nitrosodiphenylamine
Concen: 21.95 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:169 Resp: 669880

Ion	Ratio	Lower	Upper
169	100		
168	70.8	58.2	87.2
167	39.9	32.7	49.1

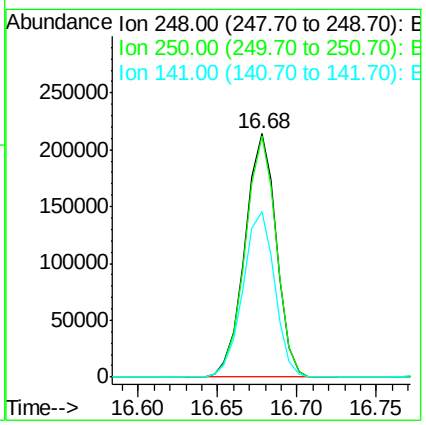


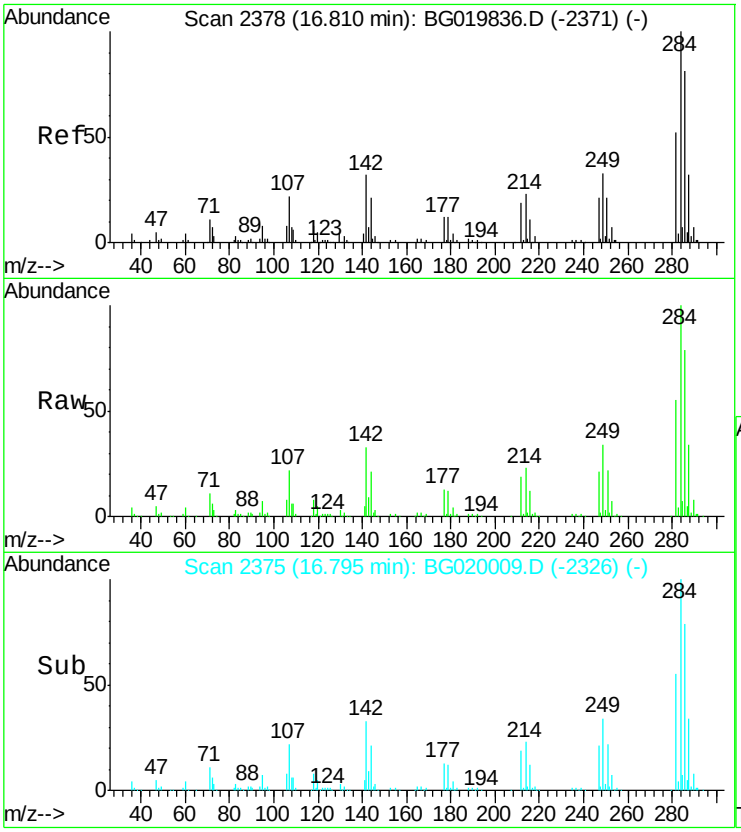


#66
4-Bromophenyl-phenylether
Concen: 22.51 ng
RT: 16.68 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:248 Resp: 294866

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.8	116.8
141	67.8	50.4	75.6



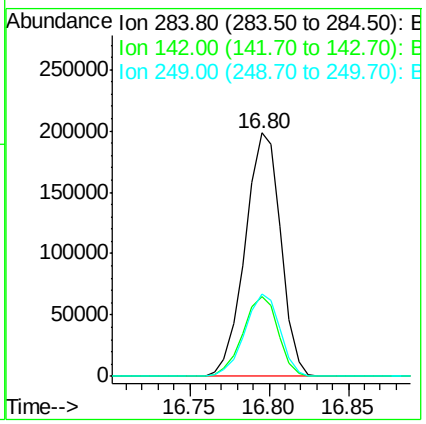


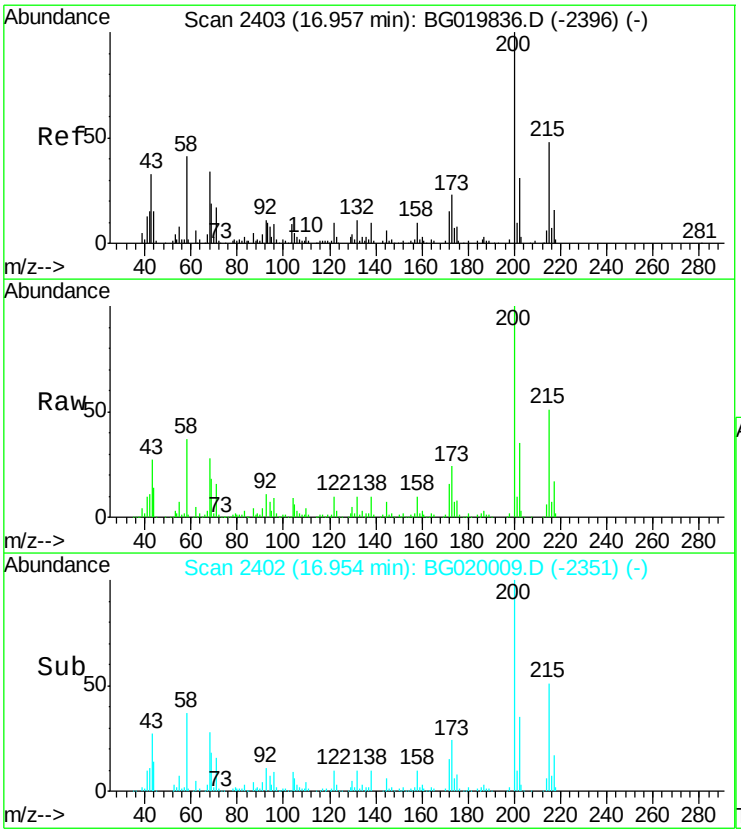
#67
Hexachlorobenzene
Concen: 22.73 ng
RT: 16.80 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:284 Resp: 310217

Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.6	39.8
249	33.9	26.2	39.2

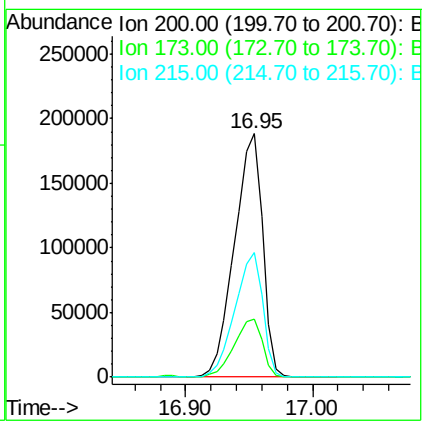


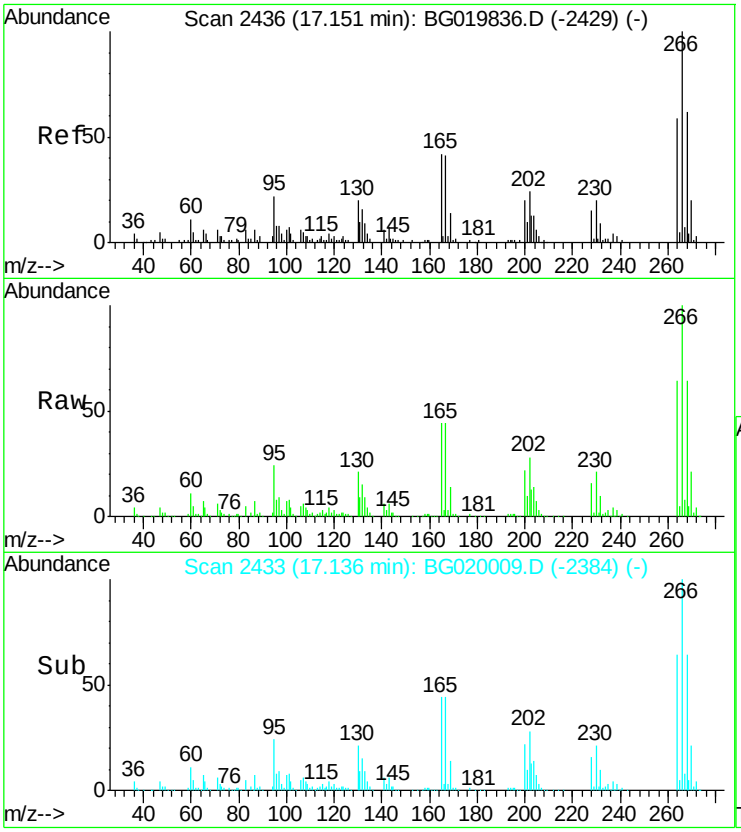


#68
Atrazine
Concen: 21.85 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:200 Resp: 289603

Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.2	45.2
215	51.1	27.0	67.0



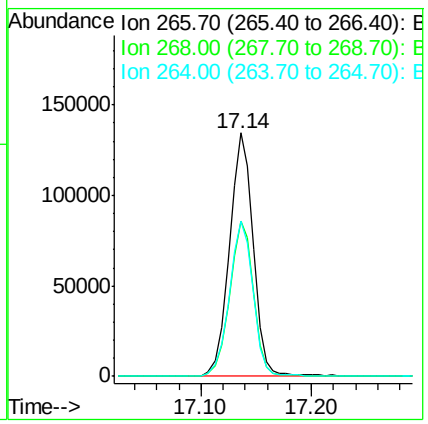


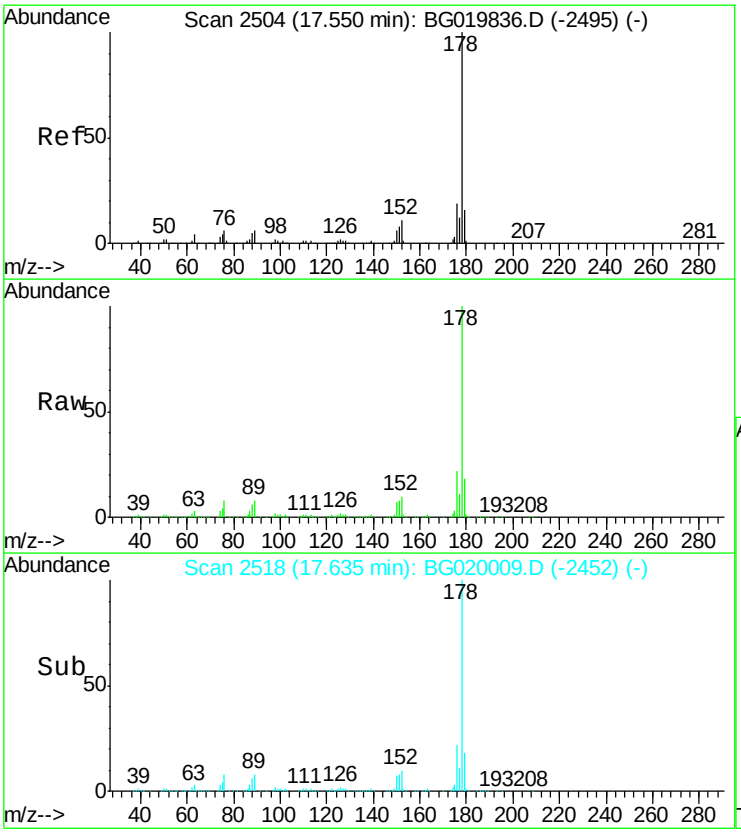
#69
Pentachlorophenol
Concen: 25.44 ng
RT: 17.14 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:266 Resp: 202689

Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.6	71.4
264	63.9	48.1	72.1

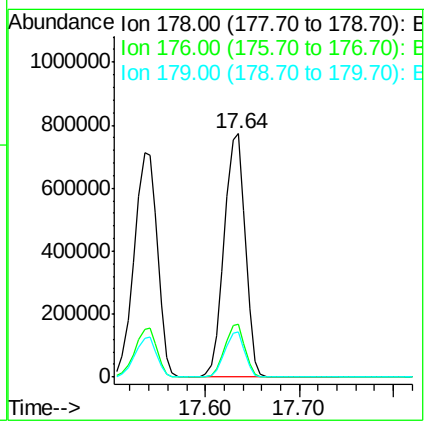


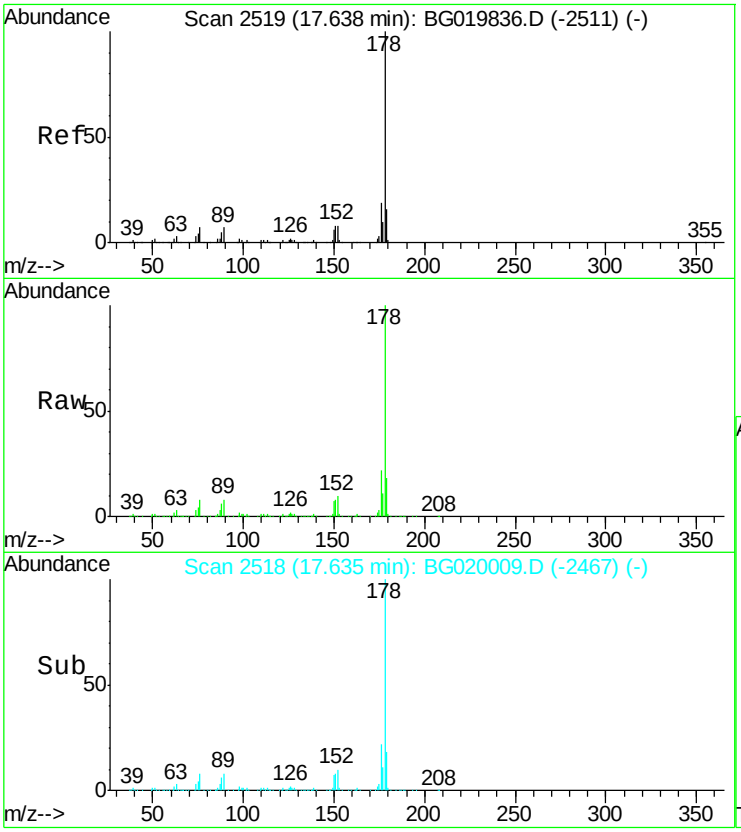


#70
Phenanthrene
Concen: 20.27 ng
RT: 17.64 min Scan# 2518
Delta R.T. 0.09 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:178 Resp: 1209393

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.7	25.1
179	18.4	13.9	20.9



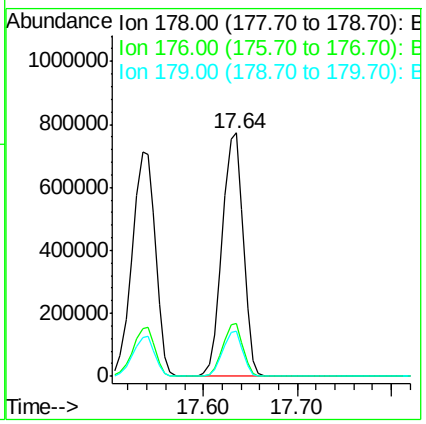


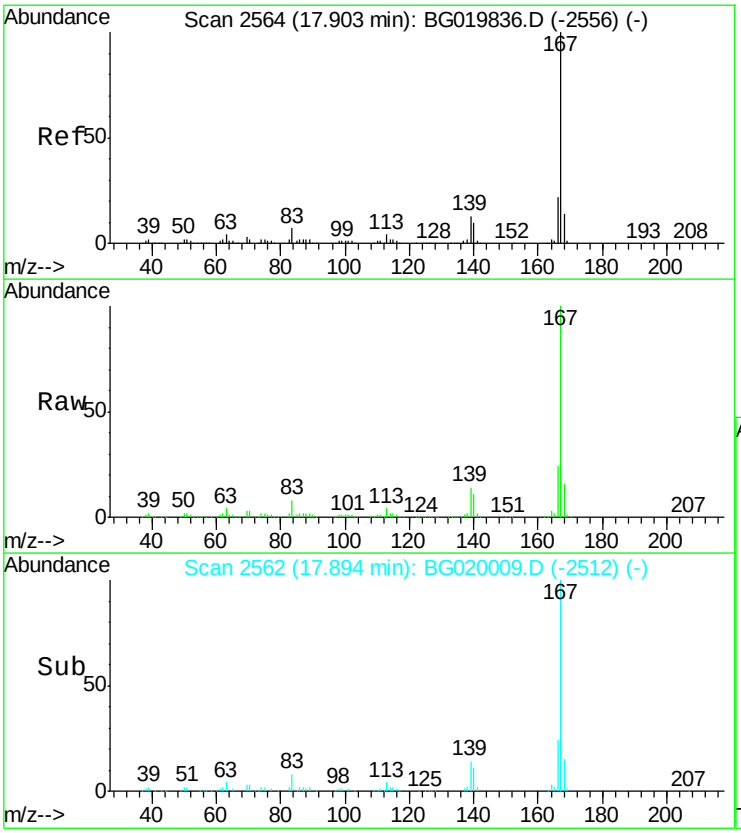
#71
Anthracene
Concen: 19.90 ng
RT: 17.64 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:178 Resp: 1209393

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.8	25.2
179	18.4	13.9	20.9

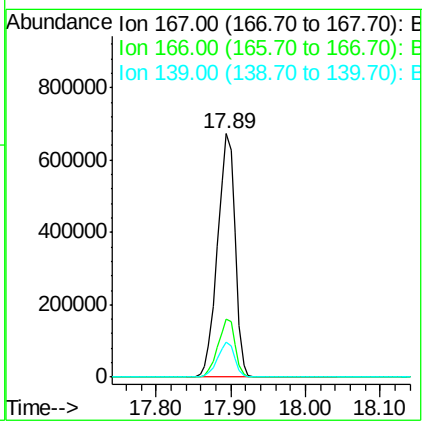


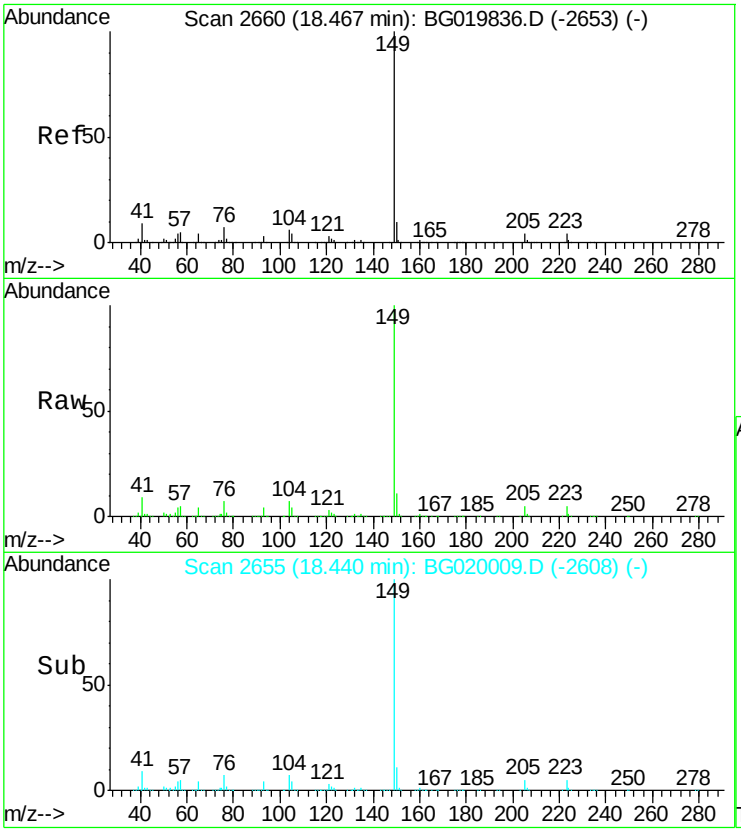


#72
Carbazole
Concen: 20.55 ng
RT: 17.89 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:167 Resp: 1100262

Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.0	28.6
139	14.4	10.2	15.4



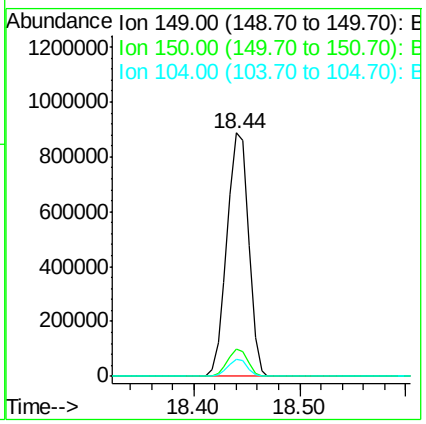


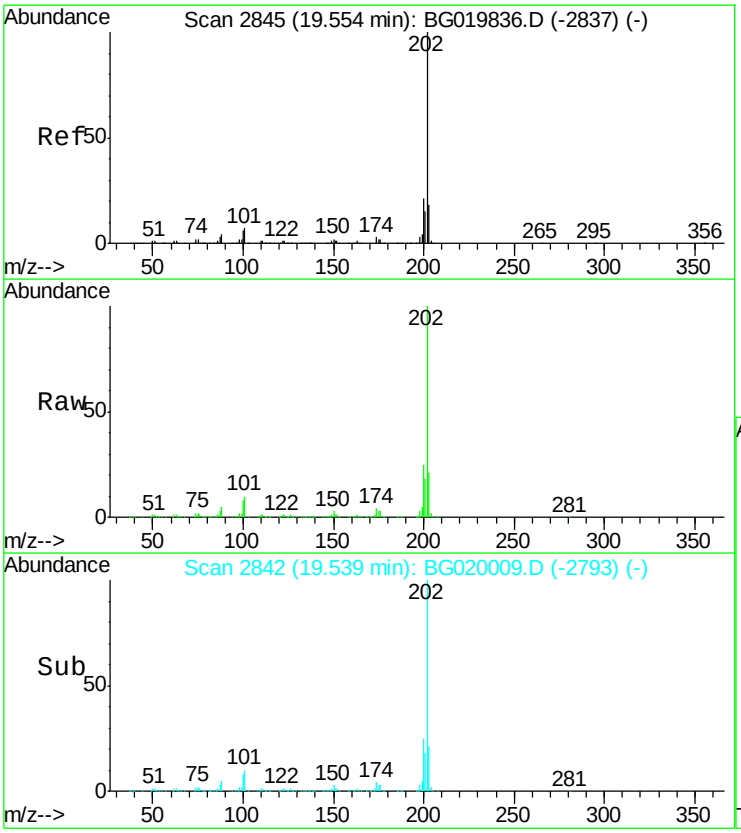
#73
Di-n-butylphthalate
Concen: 19.14 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:149 Resp: 1255713

Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.2	12.4
104	7.2	4.4	6.6#

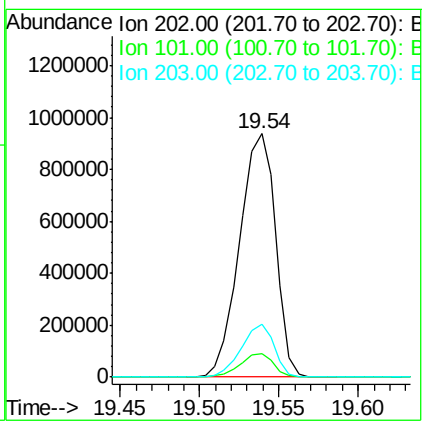


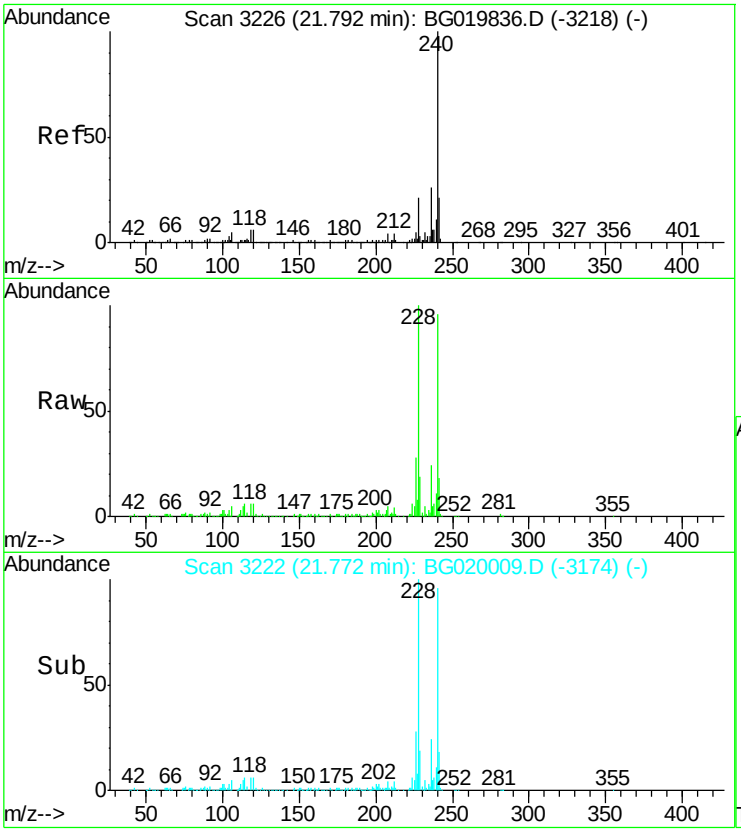


#74
Fluoranthene
Concen: 19.33 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:202 Resp: 1475182

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.4
203	21.5	0.0	39.5



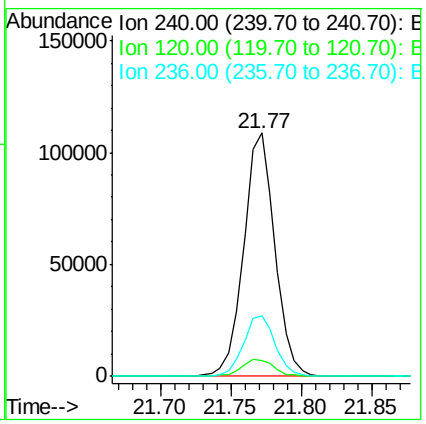


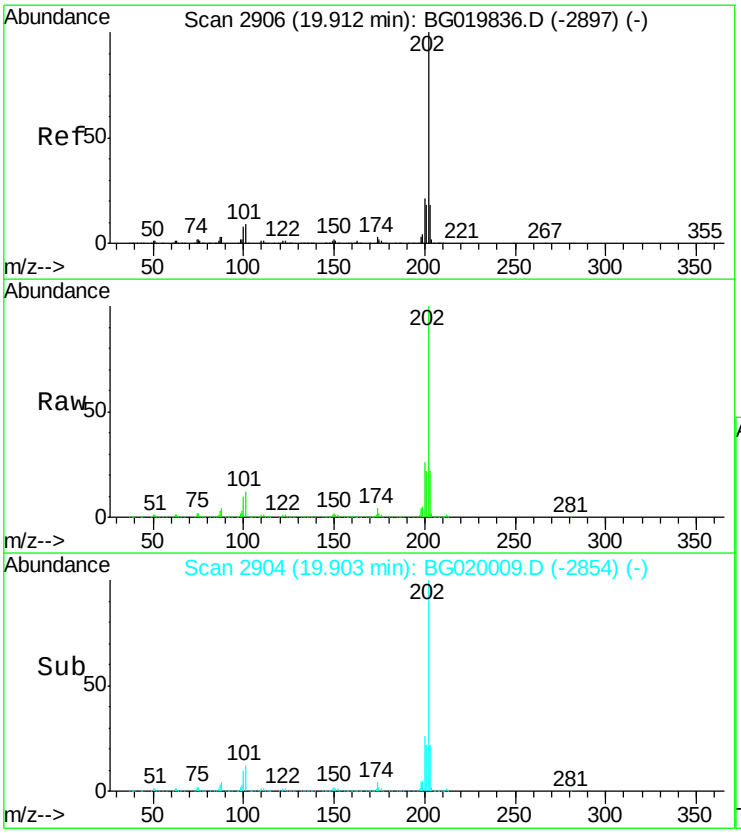
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:240 Resp: 167797

Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.4	11.0#
236	25.0	20.7	31.1

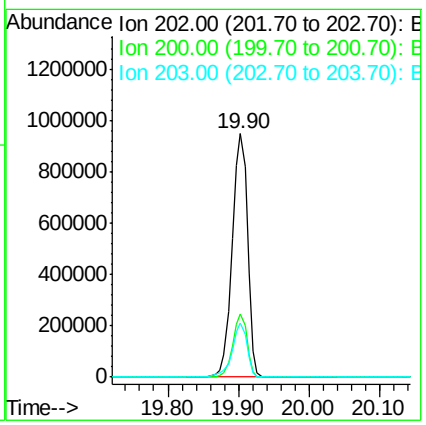


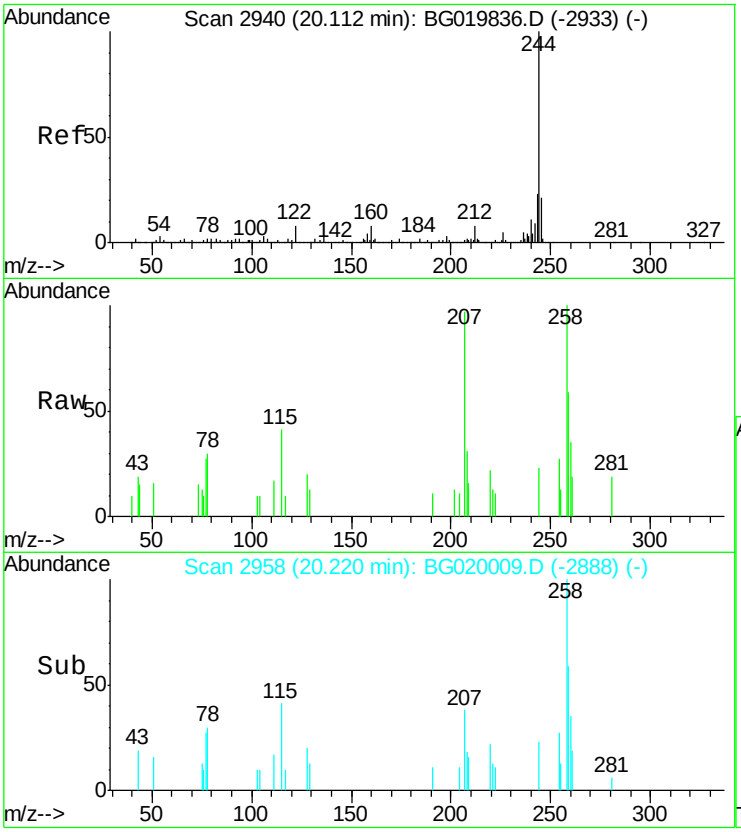


#77
Pyrene
Concen: 145.27 ng
RT: 19.90 min Scan# 2904
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:202 Resp: 1434020

Ion	Ratio	Lower	Upper
202	100		
200	26.0	19.4	29.0
203	22.3	15.5	23.3



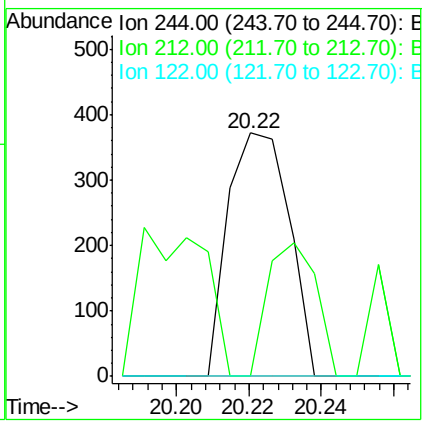


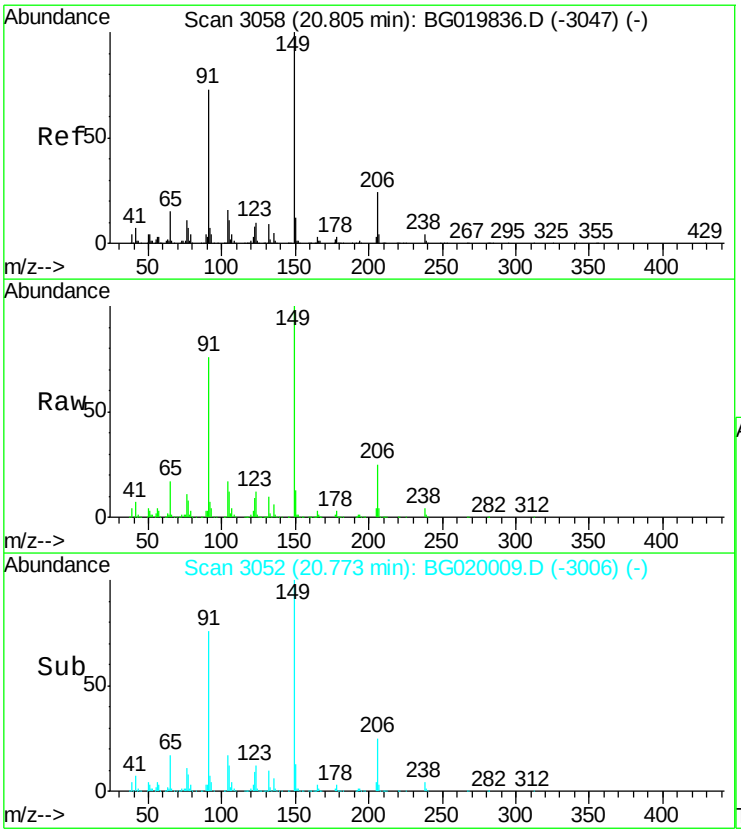
#78
Terphenyl-d14
Concen: 0.06 ng
RT: 20.22 min Scan# 2958
Delta R.T. 0.11 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:244 Resp: 435

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.9	10.3#
122	0.0	10.2	15.2#

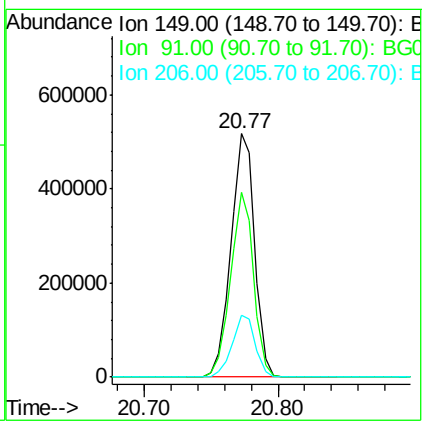


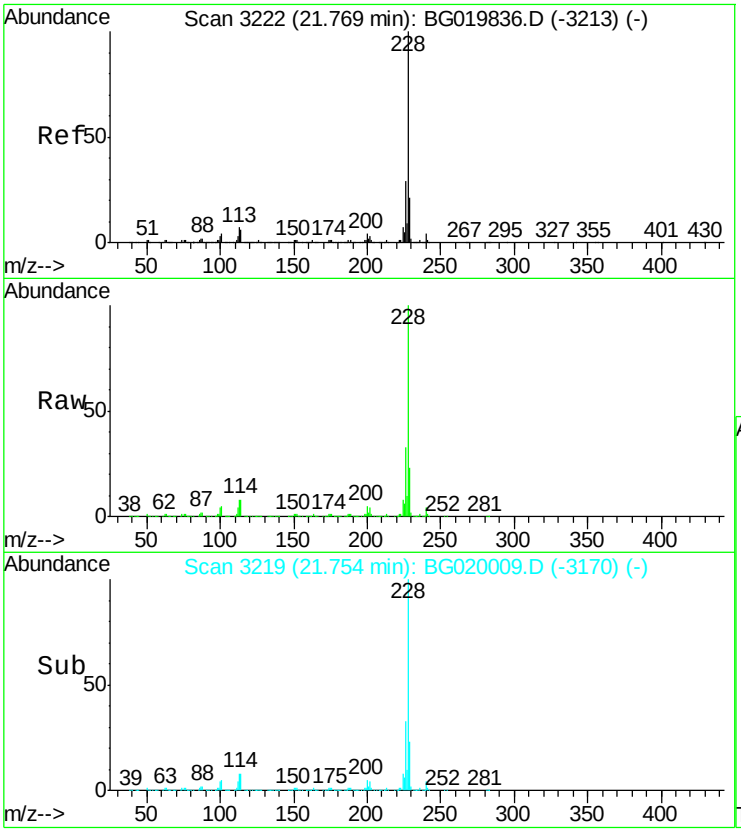


#79
Butylbenzylphthalate
Concen: 165.17 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:149 Resp: 639077

Ion	Ratio	Lower	Upper
149	100		
91	75.7	58.1	87.1
206	25.2	17.8	26.8



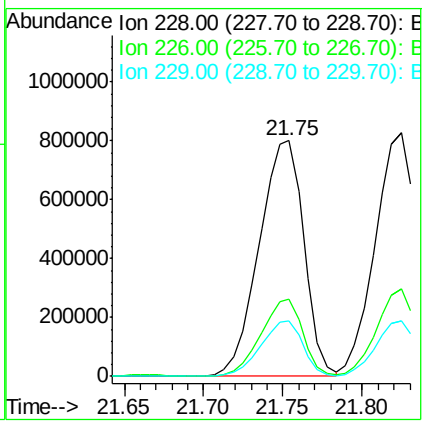


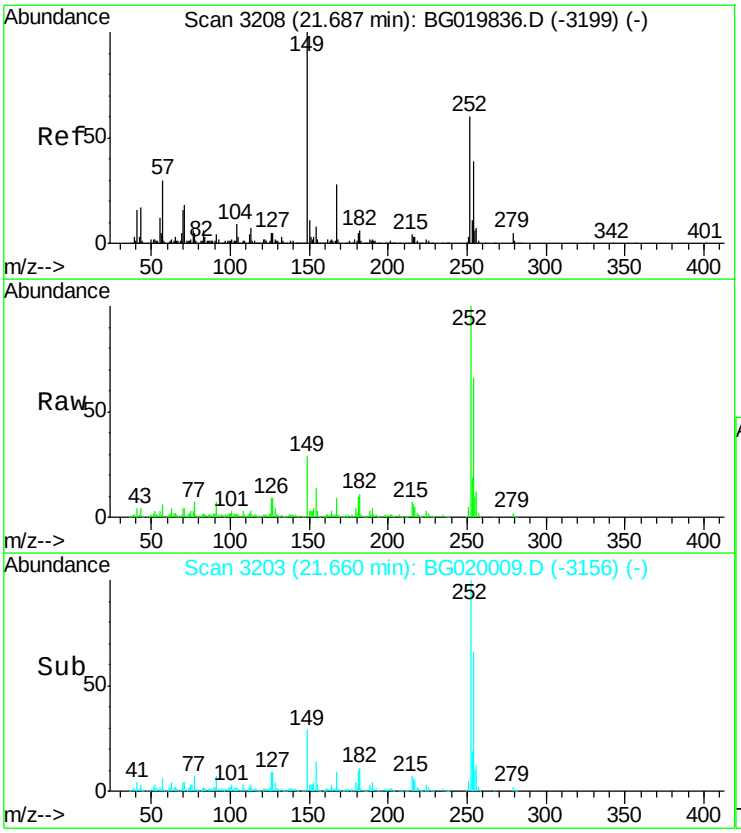
#80
Benzo(a)anthracene
Concen: 152.75 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:228 Resp: 1568909

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.0
229	23.4	16.6	25.0

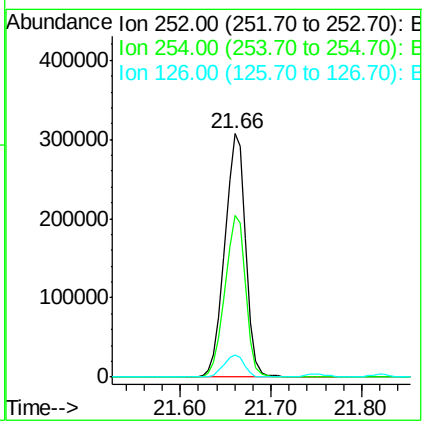


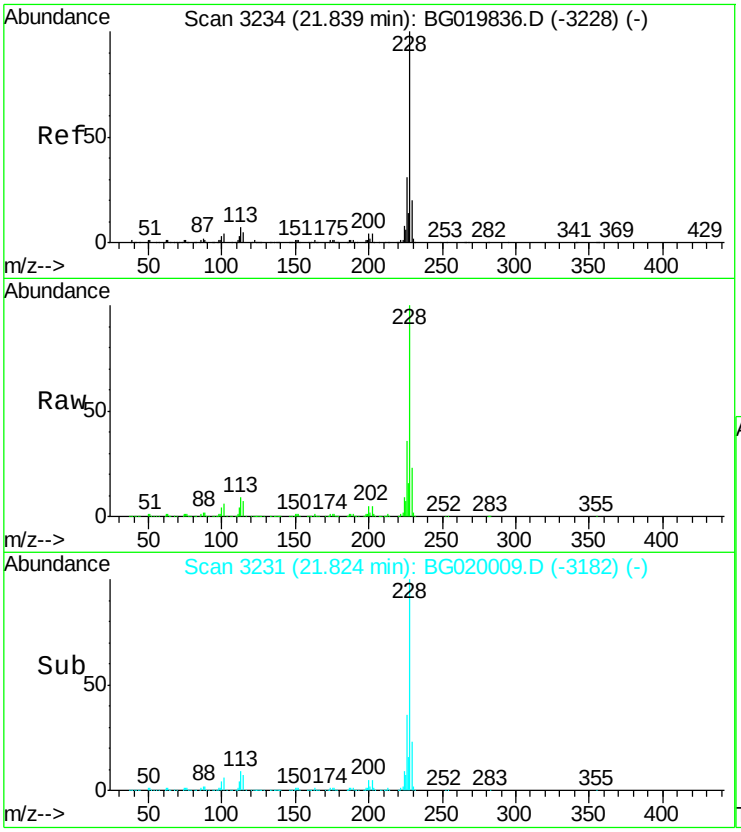


#81
3,3'-Dichlorobenzidine
Concen: 125.66 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:252 Resp: 491543

Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.5	78.7
126	9.3	8.5	12.7



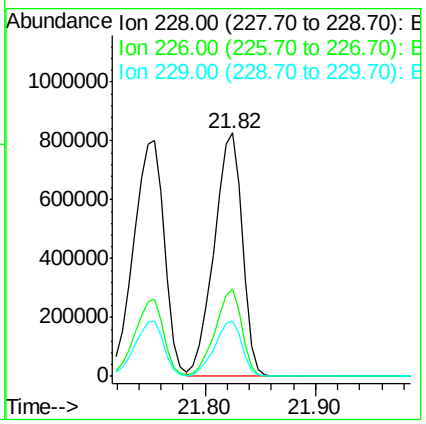


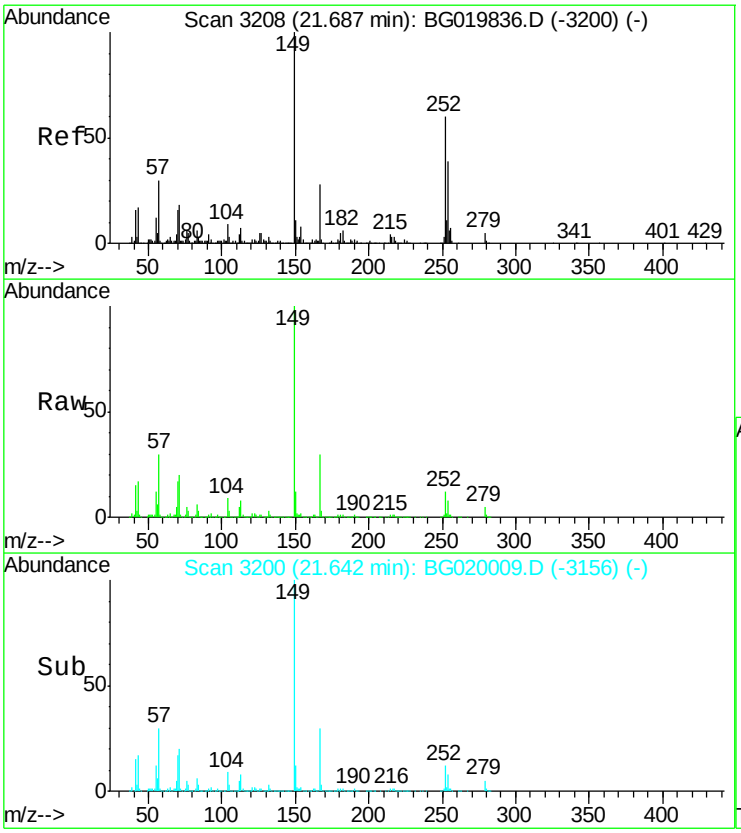
#82
Chrysene
Concen: 149.42 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:228 Resp: 1457151

Ion	Ratio	Lower	Upper
228	100		
226	36.0	26.7	40.1
229	23.0	17.0	25.6

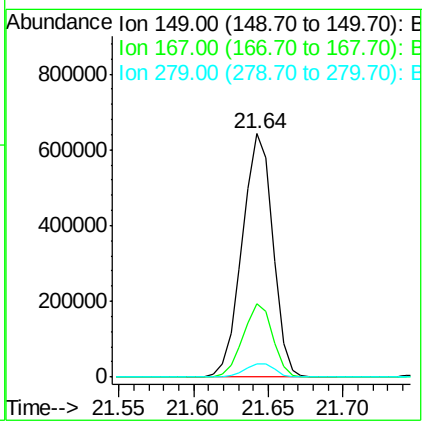


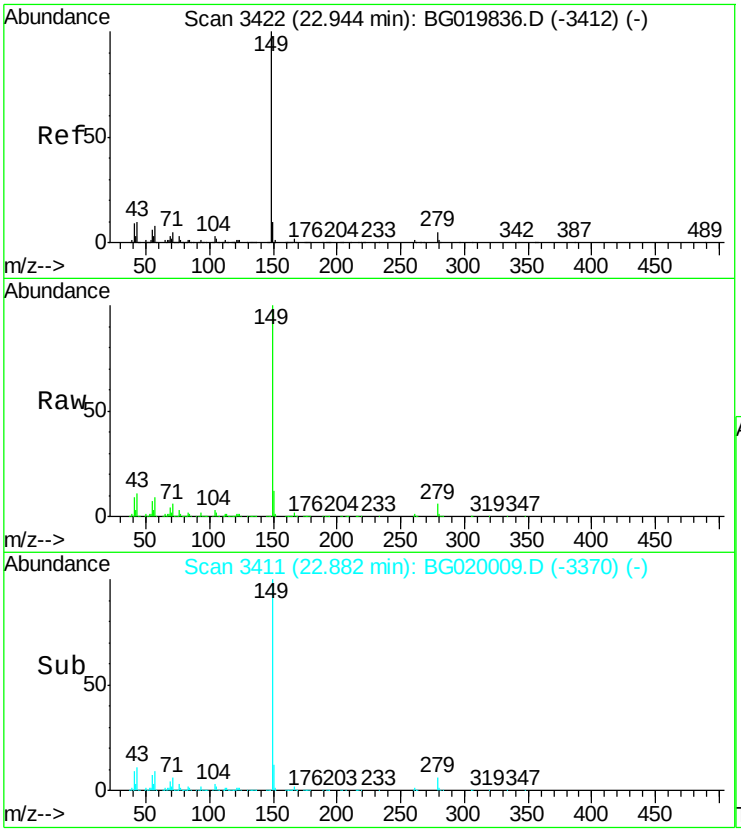


#83
Bis(2-ethylhexyl)phthalate
Concen: 160.17 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.04 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:149 Resp: 909478

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.8	35.8
279	5.3	3.4	5.2#



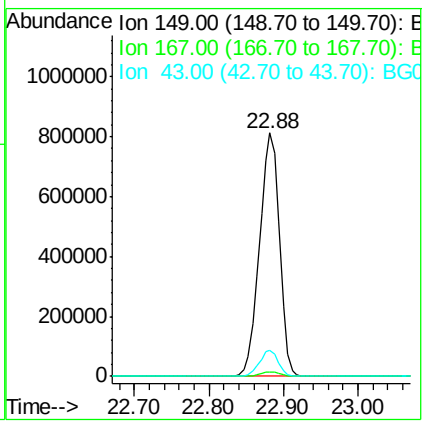


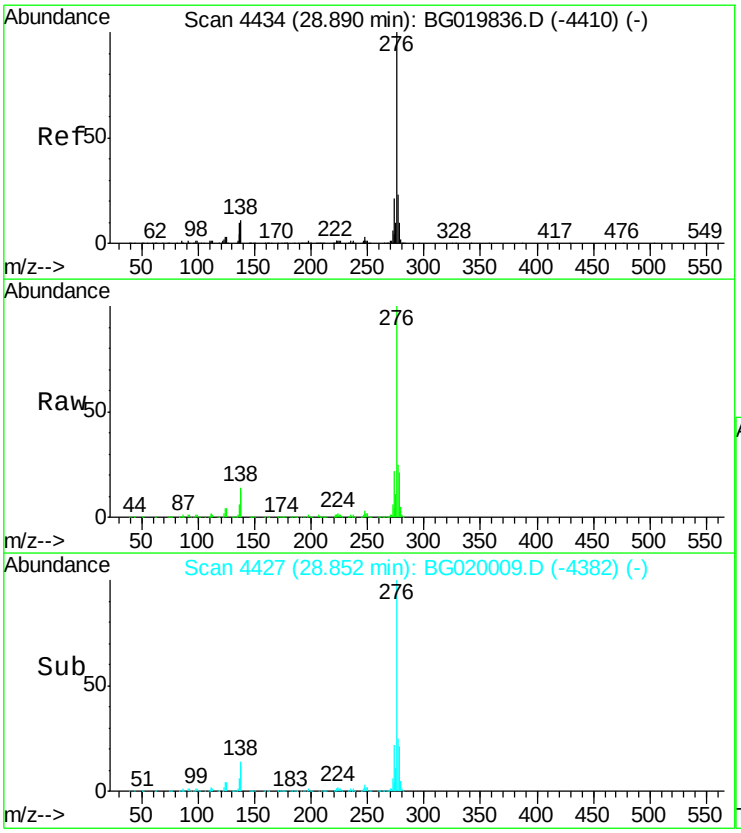
#84
Di-n-octyl phthalate
Concen: 163.40 ng
RT: 22.88 min Scan# 3411
Delta R.T. -0.06 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:149 Resp: 1508500

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.3	5.9	8.9#

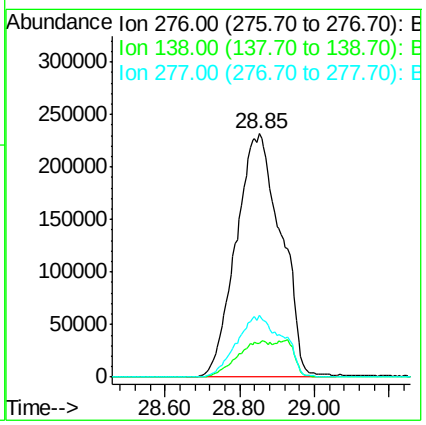


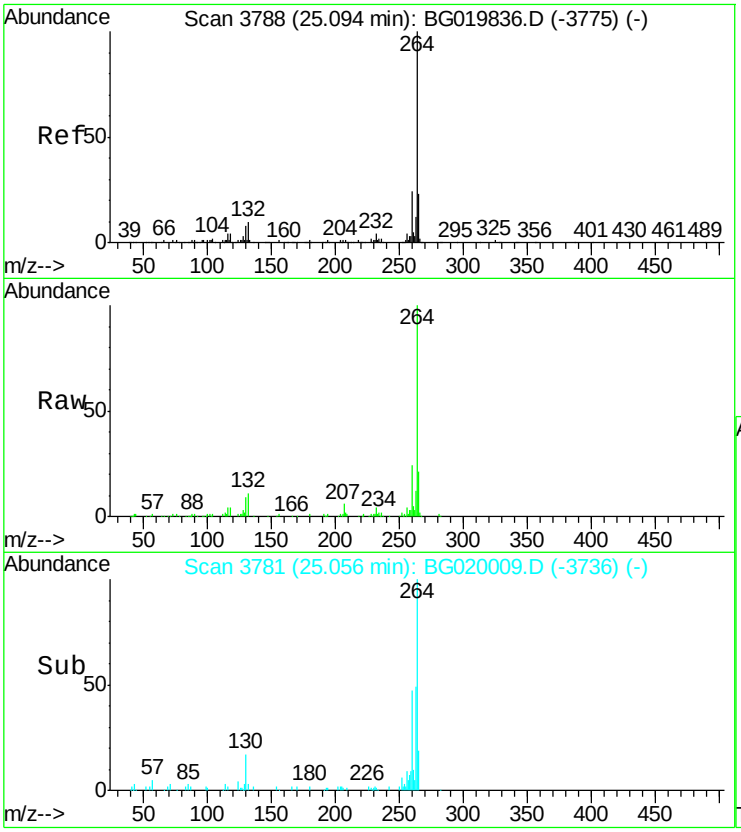


#85
Indeno(1,2,3-cd)pyrene
Concen: 180.42 ng
RT: 28.85 min Scan# 4427
Delta R.T. -0.04 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:276 Resp: 1938229

Ion	Ratio	Lower	Upper
276	100		
138	11.1	0.0	0.0#
277	0.0	0.0	0.0



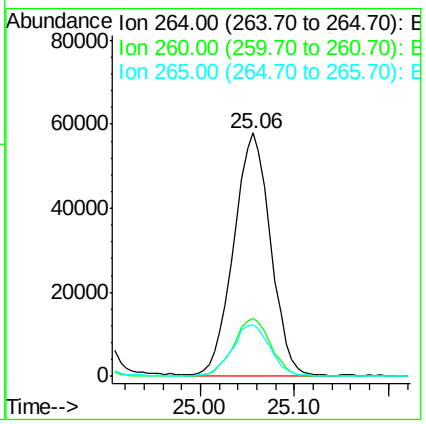


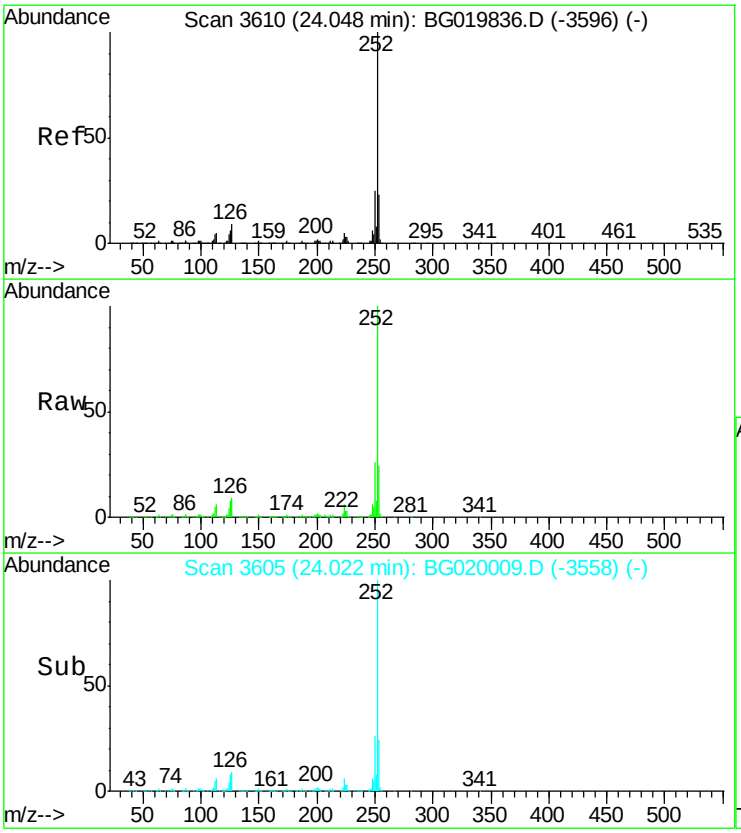
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3781
Delta R.T. -0.04 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:264 Resp: 156208

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.4	17.2	25.8

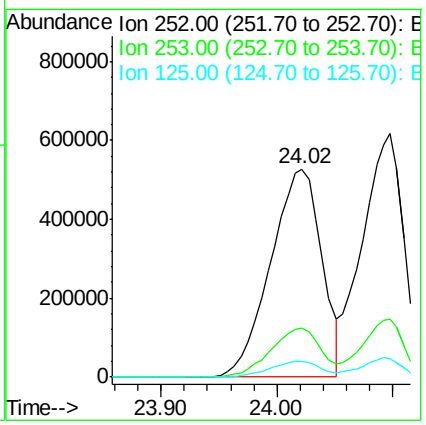


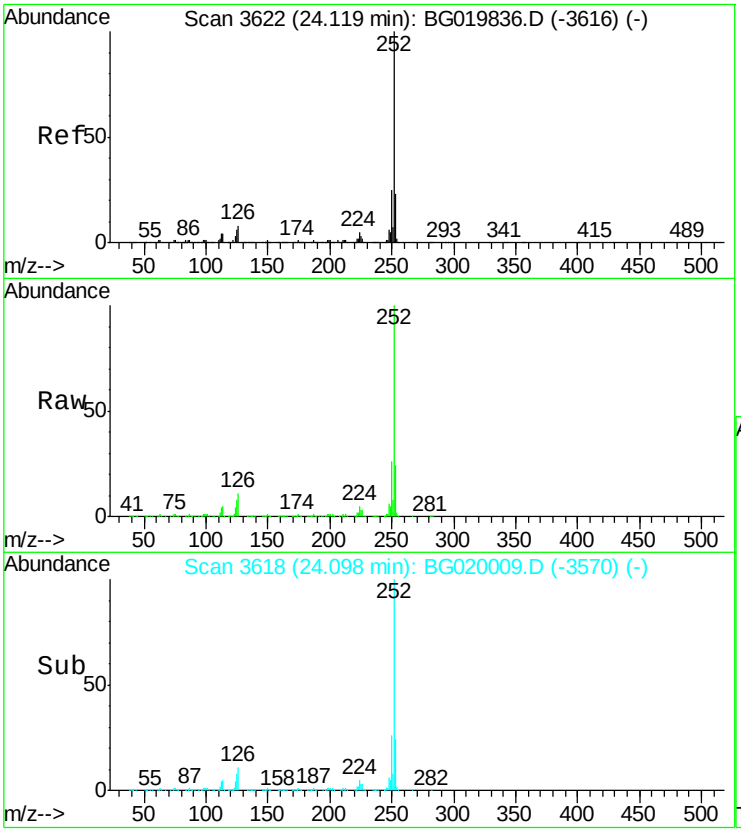


#87
Benzo(b)fluoranthene
Concen: 163.47 ng
RT: 24.02 min Scan# 3605
Delta R.T. -0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:252 Resp: 1618343

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	7.7	8.9	13.3#



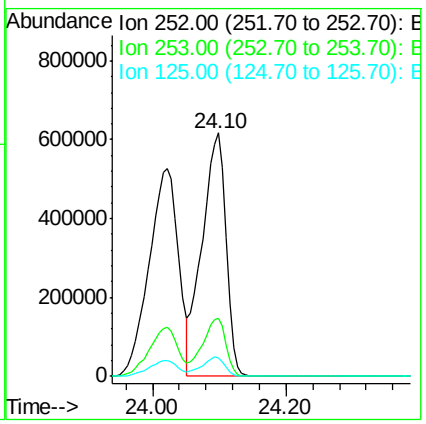


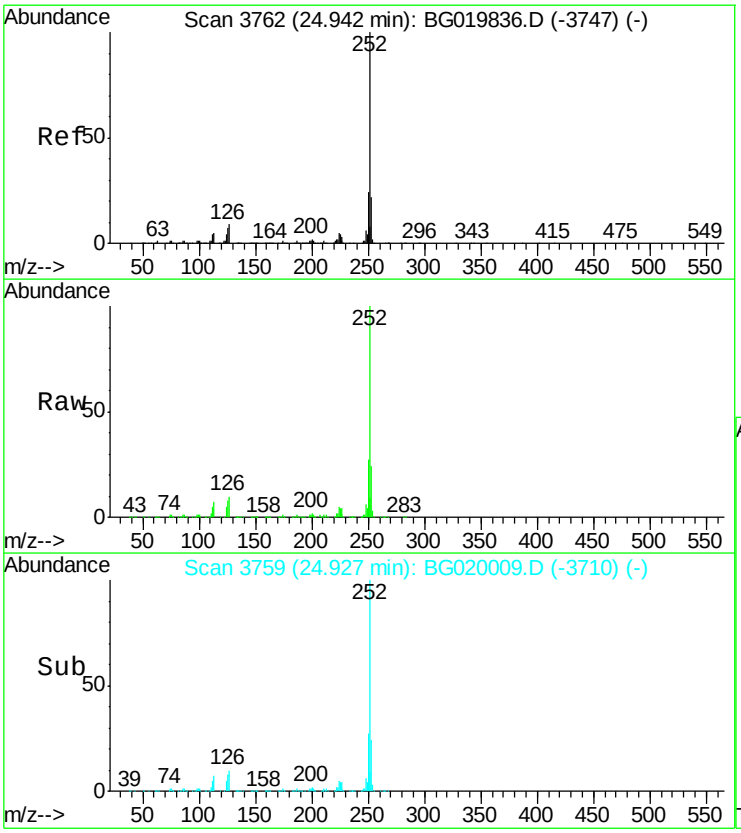
#88
Benzo(k)fluoranthene
Concen: 157.17 ng
RT: 24.10 min Scan# 3618
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:252 Resp: 1541024

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	7.7	8.9	13.3#

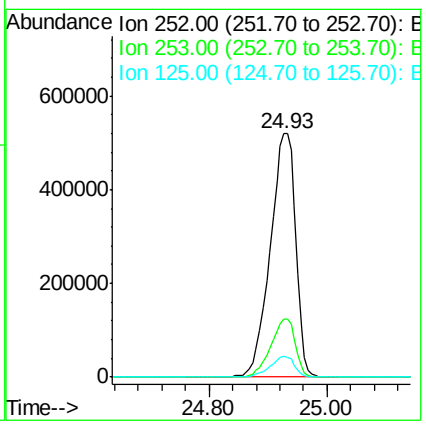


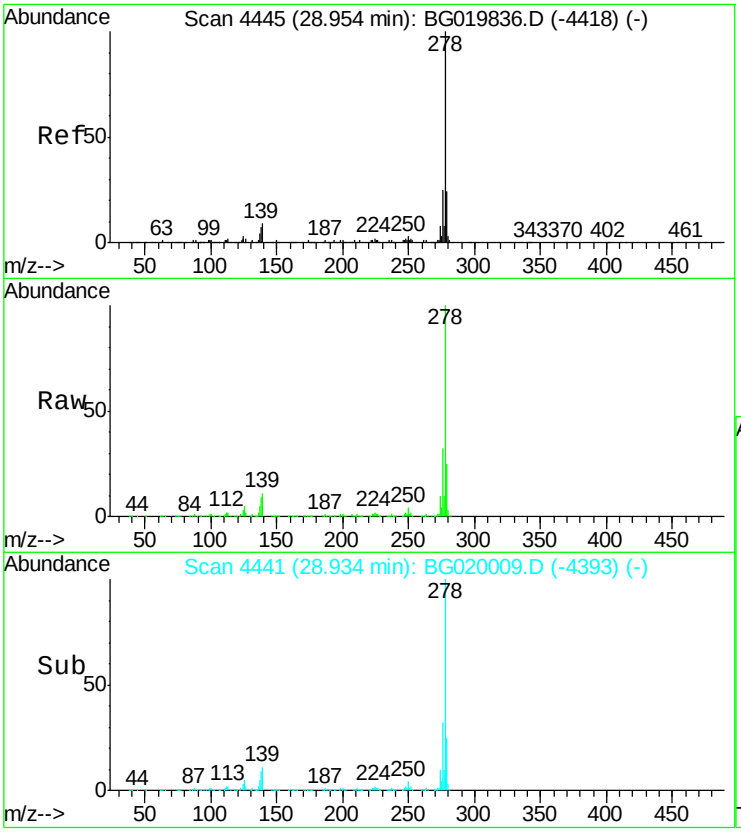


#89
Benzo(a)pyrene
Concen: 164.83 ng
RT: 24.93 min Scan# 3759
Delta R.T. -0.01 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:252 Resp: 1549311

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	8.4	9.1	13.7#



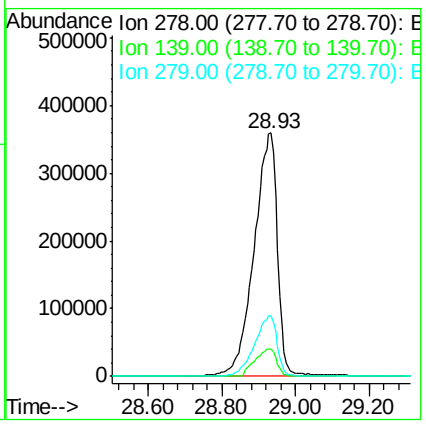


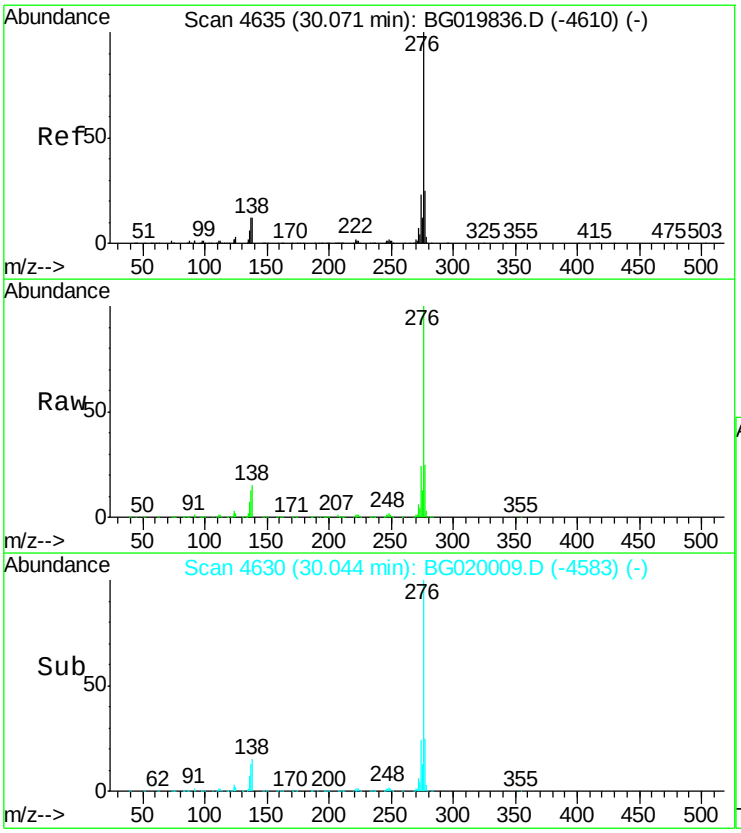
#90
Dibenzo(a,h)anthracene
Concen: 170.35 ng
RT: 28.93 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Instrument :
BNA_G
ClientSampleId :
SP3516

Tgt Ion:278 Resp: 1581894

Ion	Ratio	Lower	Upper
278	100		
139	11.0	13.8	20.6#
279	25.1	19.4	29.0





#91
Benzo(g,h,i)perylene
Concen: 171.25 ng
RT: 30.04 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG020009.D
Acq: 8 Dec 2015 9:16

Tgt Ion:276 Resp: 1561458

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	14.6	17.4	26.0#