Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019949.D
Acq On : 5 Dec 2015 19:35
Operator : UM/NP
Sample : PB86943BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB86943BS

Quant Time: Dec 07 01:16:53 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	8.11	152	31590	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	134056	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	94326	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	240414	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	292015	20.00	ng		-0.04
86) Perylene-d12	25.04	264	273626	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	245291	140.34	ng		-0.01
7) Phenol-d6	7.26	99	356538	135.10	ng		-0.01
23) Nitrobenzene-d5	9.28	82	232856	88.65	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	178113	123.41	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	548197	79.35	ng		-0.02
78) Terphenyl-d14	20.09	244	958537	80.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24148	35.46	ng	#	100
3) Pyridine	3.92	79	77181	37.32	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	40045	36.82	ng		85
6) Aniline	7.43	93	99137	29.01	ng	#	83
8) 2-Chlorophenol	7.67	128	91685	43.02	ng		94
9) Benzaldehyde	7.24	77	41189	23.41	ng		90
10) Phenol	7.29	94	122964	44.27	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	83832	40.76	ng		85
12) 1,3-Dichlorobenzene	8.00	146	92090	38.12	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	94805	38.00	ng		94
14) 1,2-Dichlorobenzene	8.47	146	91651	38.51	ng		93
15) Benzyl Alcohol	8.35	79	98676	42.61	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	129440	38.58	ng		91
17) 2-Methylphenol	8.55	107	84978	43.34	ng	#	92
18) Hexachloroethane	9.21	117	35981	38.51	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	78863	37.89	ng		91
20) 3+4-Methylphenols	8.88	107	117830	42.68	ng		92
22) Acetophenone	8.94	105	140352	38.19	ng	#	93
24) Nitrobenzene	9.32	77	120749	42.38	ng		91
25) Isophorone	9.85	82	215453	38.26	ng		98
26) 2-Nitrophenol	10.04	139	50170	45.59	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	96233	41.99	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	119367	43.38	ng		98
29) 2,4-Dichlorophenol	10.57	162	104270	44.54	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	102300	38.66	ng		95
31) Naphthalene	10.98	128	289175	40.27	ng		99
32) Benzoic acid	10.21	122	67998	44.53	ng		87
33) 4-Chloroaniline	11.08	127	59610	18.84	ng	#	92
34) Hexachlorobutadiene	11.26	225	73189	37.50	ng		94
35) Caprolactam	11.86	113	23702	27.20	ng	#	55
36) 4-Chloro-3-methylphenol	12.19	107	119455	40.97	ng		95
37) 2-Methylnaphthalene	12.58	142	218824	41.58	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	136489	38.13	ng		99
40) Hexachlorocyclopentadiene	12.93	237	153395	75.16	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019949.D
Acq On : 5 Dec 2015 19:35
Operator : UM/NP
Sample : PB86943BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB86943BS

Quant Time: Dec 07 01:16:53 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

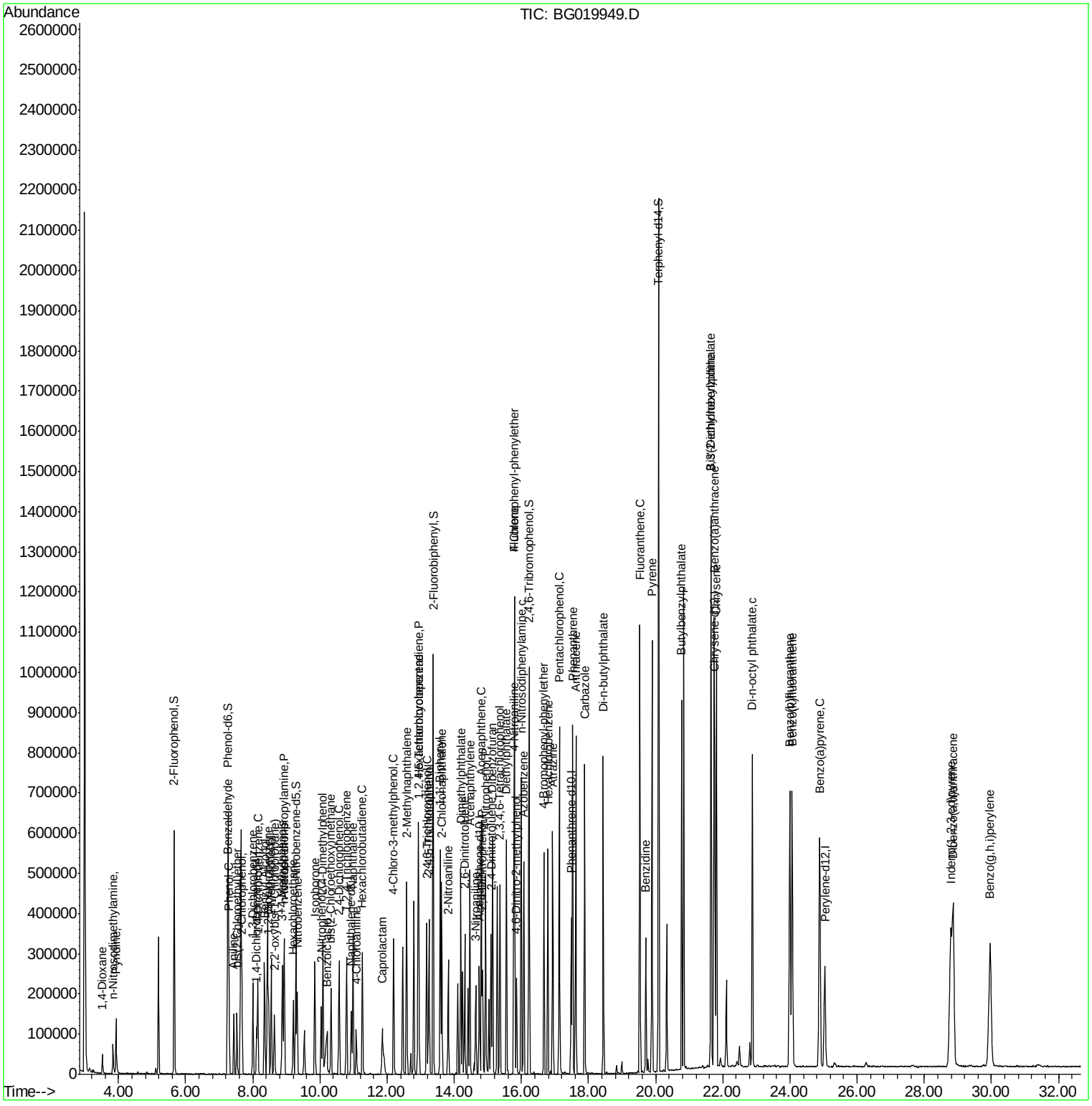
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	94397	39.83	ng		100
43) 2,4,5-Trichlorophenol	13.25	196	104856	41.86	ng		95
45) 1,1'-Biphenyl	13.58	154	289017	37.34	ng		98
46) 2-Chloronaphthalene	13.63	162	233196	39.08	ng		94
47) 2-Nitroaniline	13.82	65	85438	45.34	ng		86
48) Acenaphthylene	14.47	152	391561	38.53	ng		100
49) Dimethylphthalate	14.20	163	320419	37.76	ng		97
50) 2,6-Dinitrotoluene	14.31	165	69741	43.72	ng	#	77
51) Acenaphthene	14.81	154	266659	43.24	ng		99
52) 3-Nitroaniline	14.64	138	51930	31.33	ng		95
53) 2,4-Dinitrophenol	14.84	184	68145	80.24	ng		89
54) Dibenzofuran	15.14	168	387768	42.27	ng		93
55) 4-Nitrophenol	14.94	139	118894	82.37	ng	#	62
56) 2,4-Dinitrotoluene	15.09	165	101007	45.38	ng	#	89
57) Fluorene	15.79	166	311529	37.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	101839	43.93	ng		98
59) Diethylphthalate	15.55	149	330991	36.04	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	170699	36.20	ng		96
61) 4-Nitroaniline	15.81	138	77023	41.32	ng	#	76
62) Azobenzene	16.07	77	319287	41.79	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	57567	43.31	ng		93
65) n-Nitrosodiphenylamine	15.99	169	282994	40.68	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	115307	38.60	ng		94
67) Hexachlorobenzene	16.79	284	125071	40.19	ng		96
68) Atrazine	16.93	200	120038	39.71	ng		99
69) Pentachlorophenol	17.13	266	157327	86.62	ng		95
70) Phenanthrene	17.53	178	541542	39.81	ng		98
71) Anthracene	17.62	178	544588	39.31	ng		97
72) Carbazole	17.89	167	490216	40.16	ng		98
73) Di-n-butylphthalate	18.44	149	586953	39.23	ng		98
74) Fluoranthene	19.53	202	684490	39.34	ng		94
76) Benzidine	19.71	184	200768	20.93	ng		98
77) Pyrene	19.89	202	700679	40.79	ng		97
79) Butylbenzylphthalate	20.77	149	273024	40.55	ng		95
80) Benzo(a)anthracene	21.74	228	706402	39.52	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	162680	23.90	ng		98
82) Chrysene	21.81	228	641967	37.83	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	391887	39.66	ng		98
84) Di-n-octyl phthalate	22.88	149	678872	42.25	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	788185	42.16	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	700419	40.39	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	670126	39.02	ng	#	96
89) Benzo(a)pyrene	24.89	252	659257	40.04	ng	#	95
90) Dibenzo(a,h)anthracene	28.86	278	650930	40.02	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	645175	40.39	ng	#	92

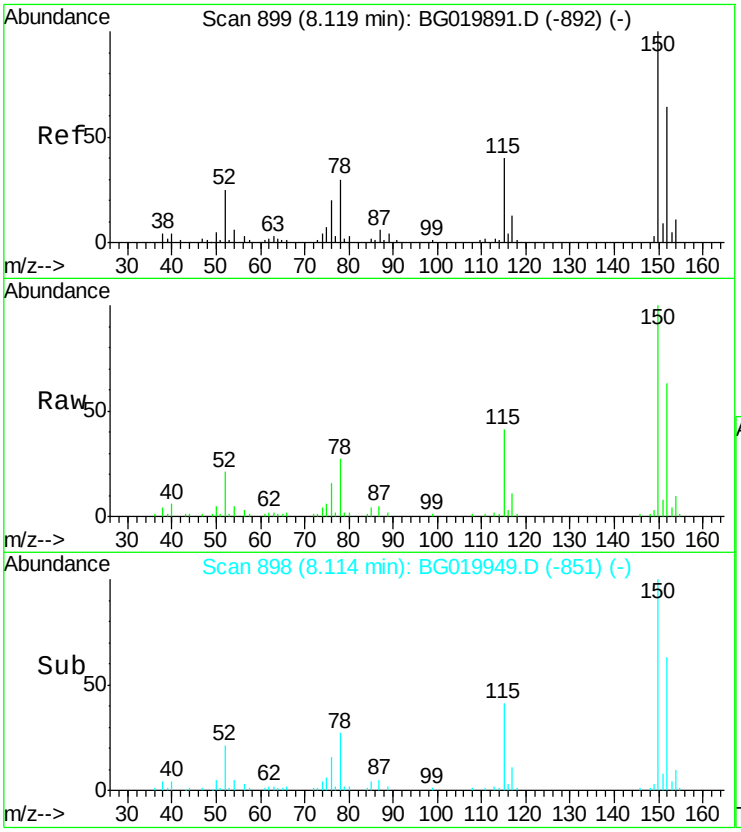
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019949.D
Acq On : 5 Dec 2015 19:35
Operator : UM/NP
Sample : PB86943BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Quant Time: Dec 07 01:16:53 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



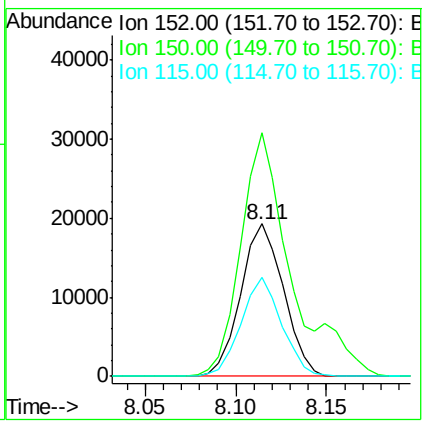


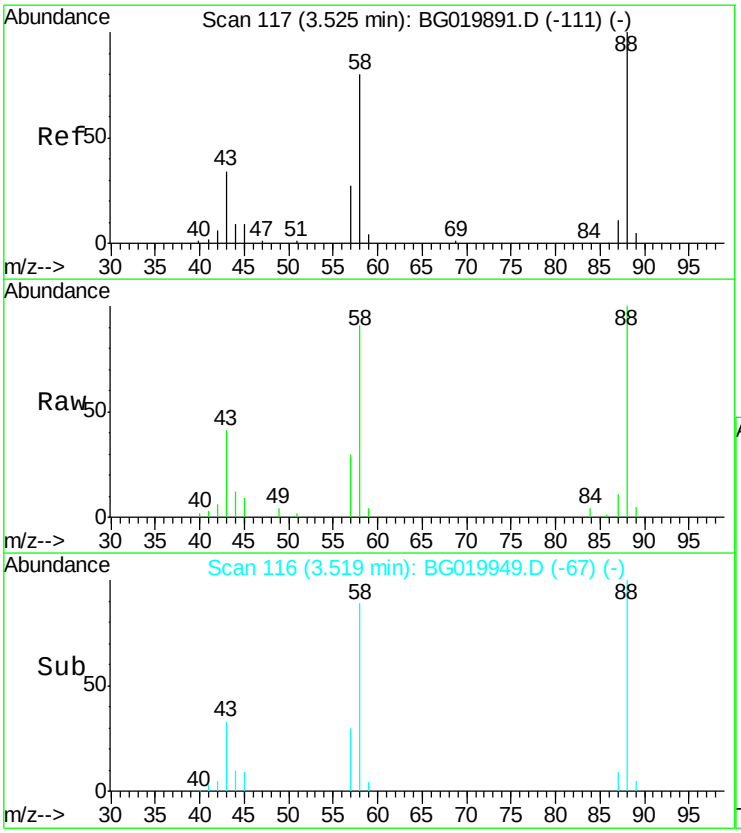
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:152 Resp: 31590

Ion	Ratio	Lower	Upper
152	100		
150	159.8	115.0	172.4
115	64.8	43.9	65.9

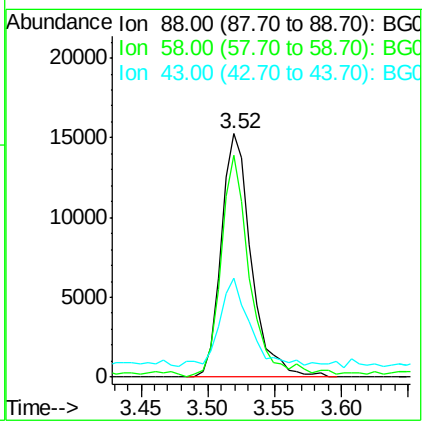


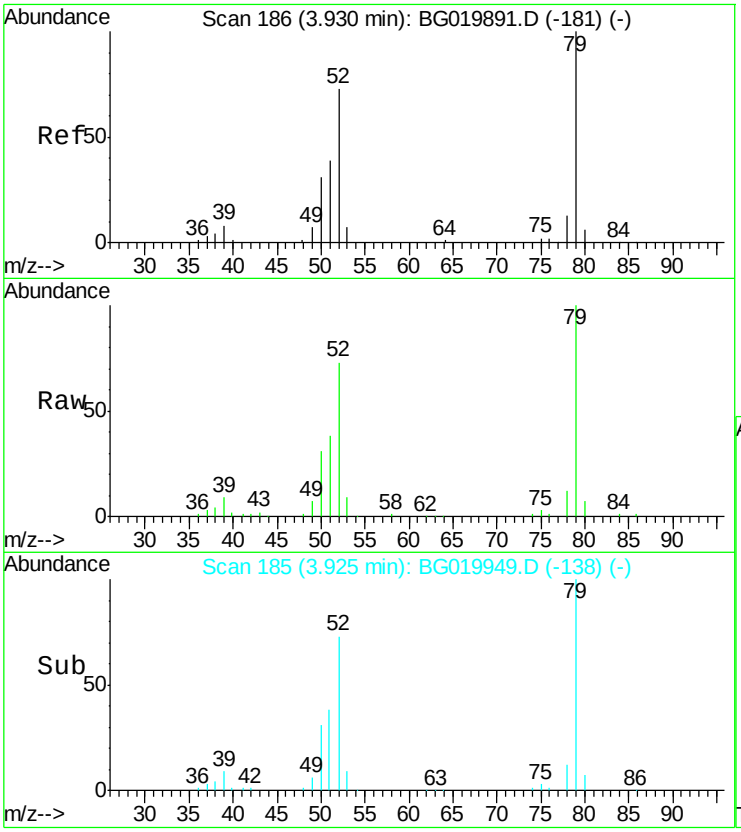


#2
1,4-Dioxane
Concen: 35.46 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 88 Resp: 24148

Ion	Ratio	Lower	Upper
88	100		
58	88.8	0.0	0.0#
43	36.8	0.0	0.0#



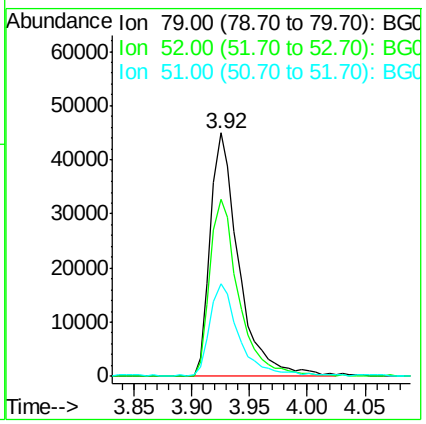


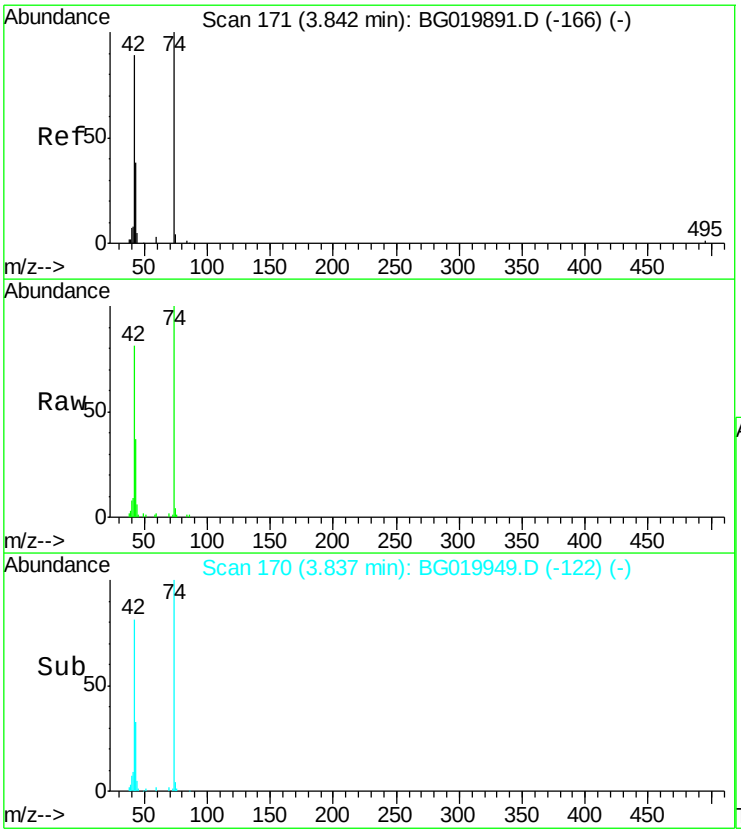
#3
Pyridine
Concen: 37.32 ng
RT: 3.92 min Scan# 185
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 79 Resp: 77181

Ion	Ratio	Lower	Upper
79	100		
52	72.9	50.3	75.5
51	38.0	24.8	37.2#

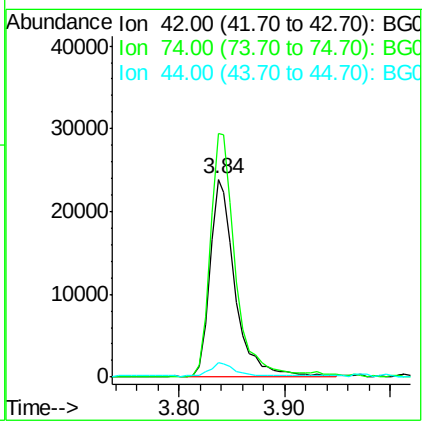


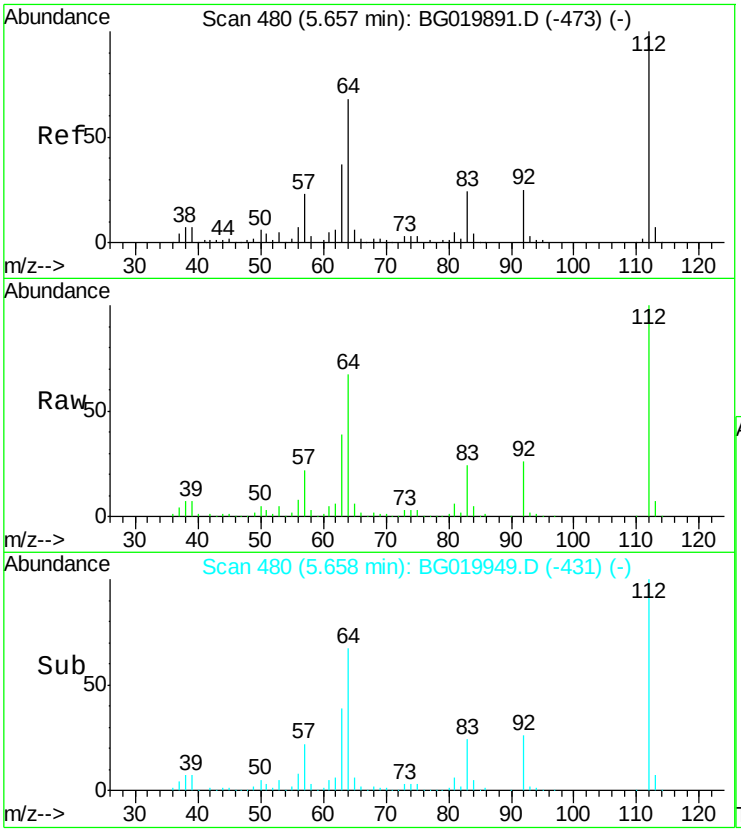


#4
n-Nitrosodimethylamine
Concen: 36.82 ng
RT: 3.84 min Scan# 170
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 42 Resp: 40045

Ion	Ratio	Lower	Upper
42	100		
74	123.1	113.9	170.9
44	7.1	5.7	8.5



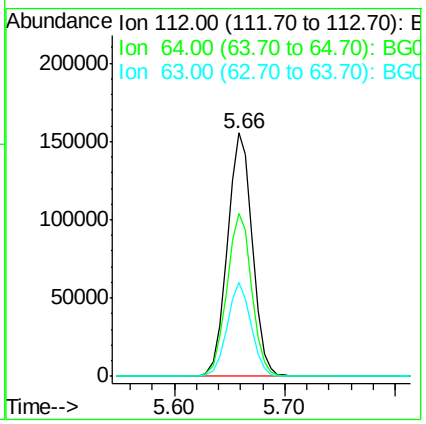


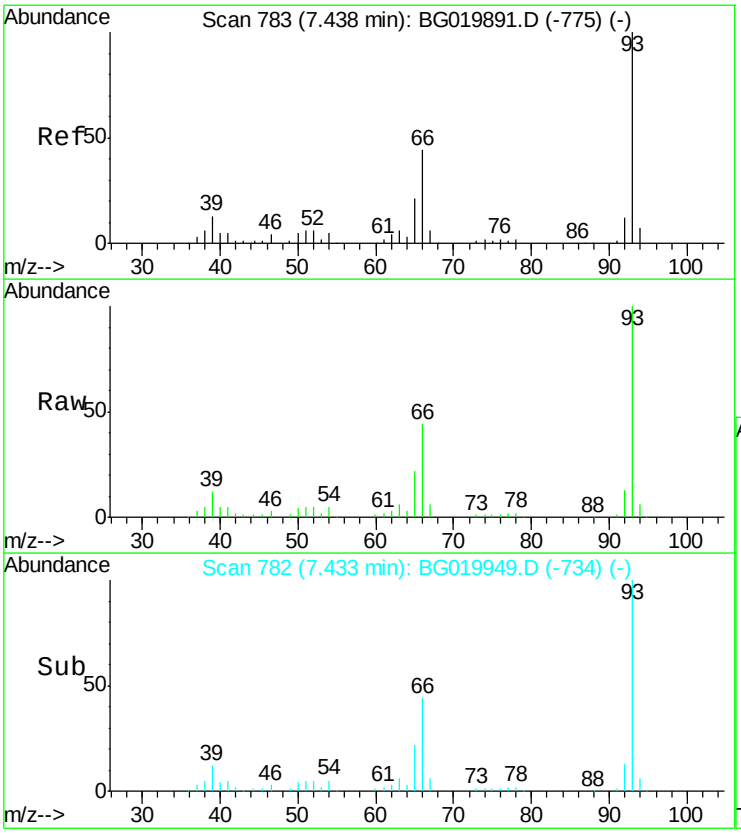
#5
2-Fluorophenol
Concen: 140.34 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:112 Resp: 245291

Ion	Ratio	Lower	Upper
112	100		
64	66.7	43.7	65.5#
63	38.7	24.0	36.0#

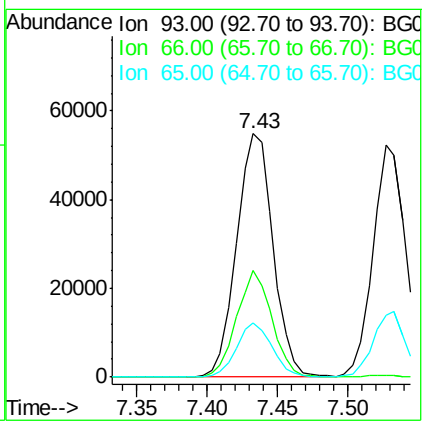


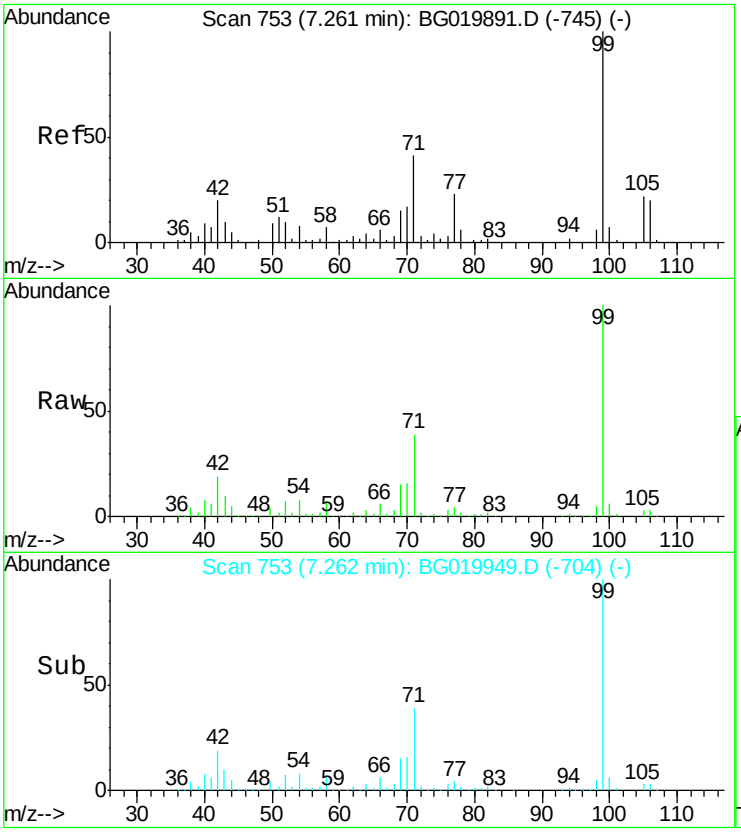


#6
Aniline
Concen: 29.01 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 93 Resp: 99137

Ion	Ratio	Lower	Upper
93	100		
66	43.8	26.2	39.2#
65	22.3	14.0	21.0#



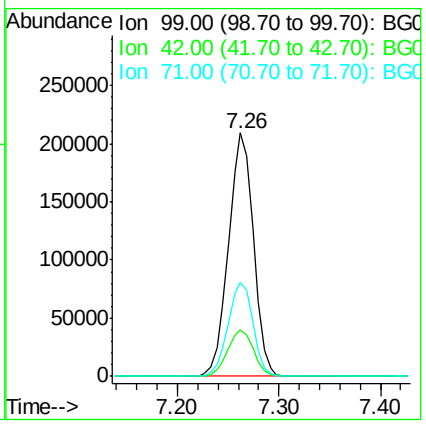


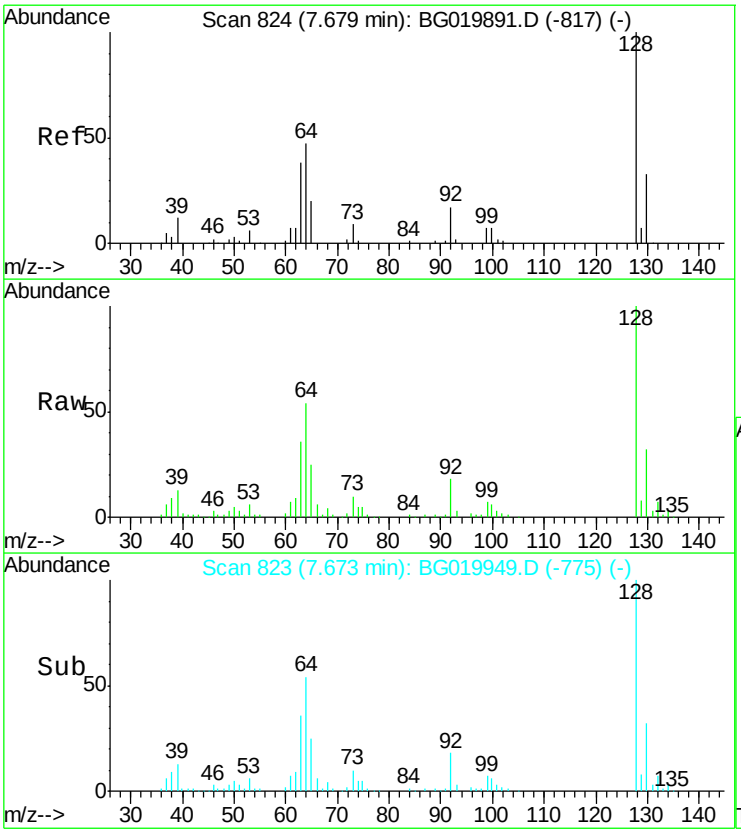
#7
Phenol-d6
Concen: 135.10 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 99 Resp: 356538

Ion	Ratio	Lower	Upper
99	100		
42	19.1	11.5	17.3#
71	38.7	22.6	34.0#

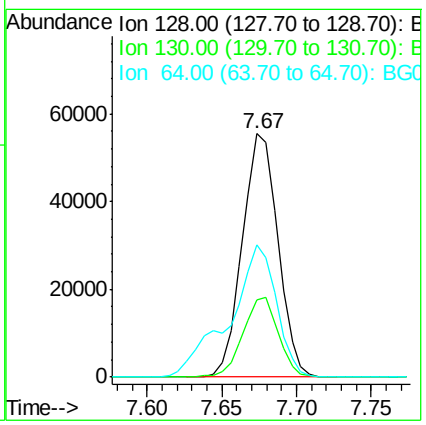


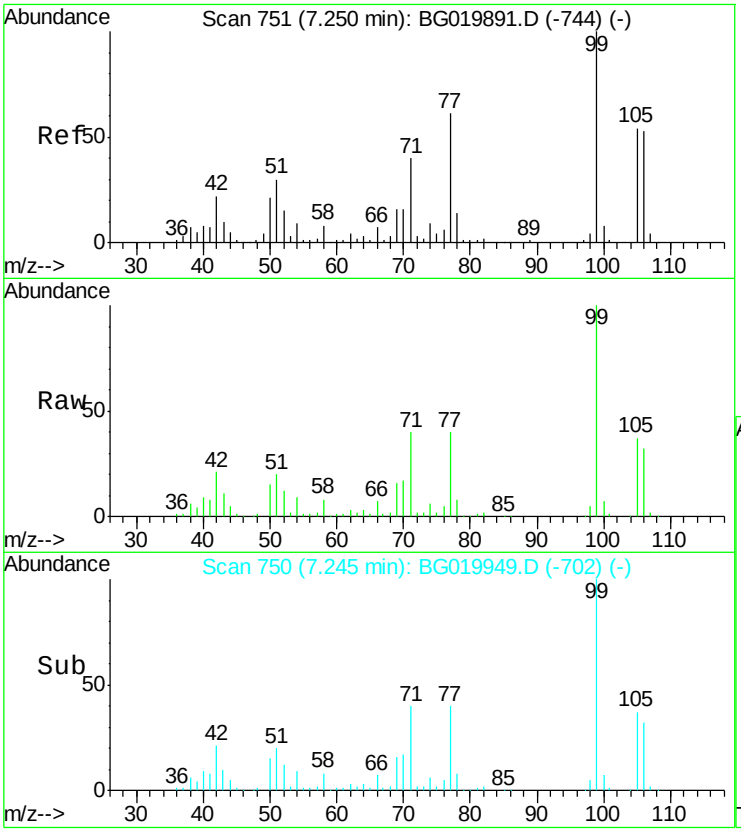


#8
2-Chlorophenol
Concen: 43.02 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:128 Resp: 91685

Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.0	53.0
64	54.2	28.2	68.2



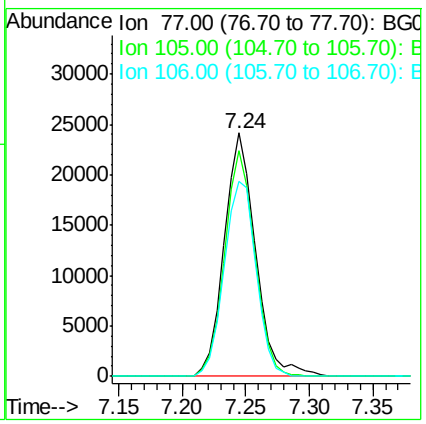


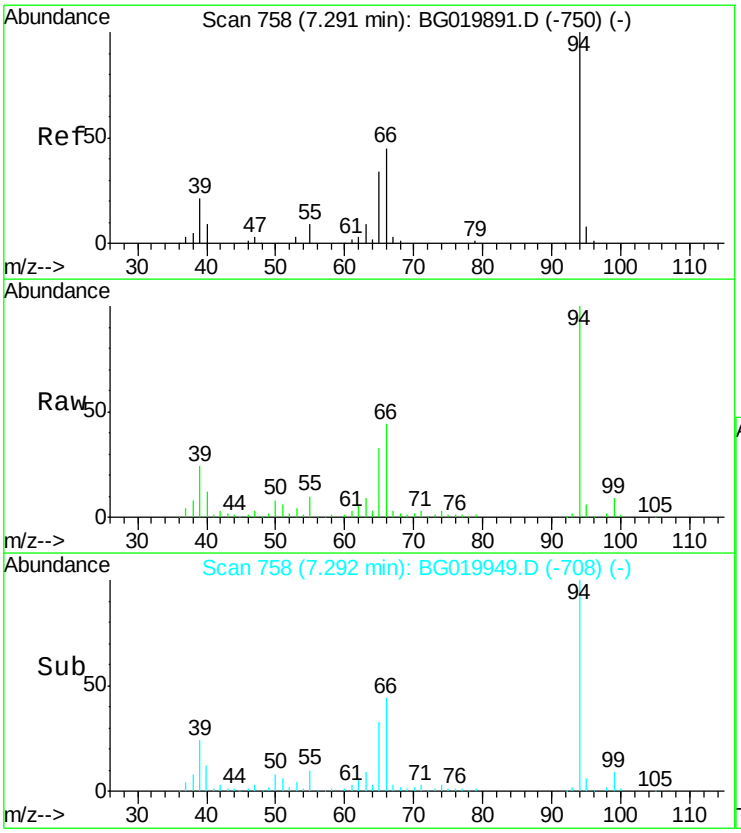
#9
Benzaldehyde
Concen: 23.41 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 77 Resp: 41189

Ion	Ratio	Lower	Upper
77	100		
105	92.8	77.7	117.7
106	80.3	75.8	115.8

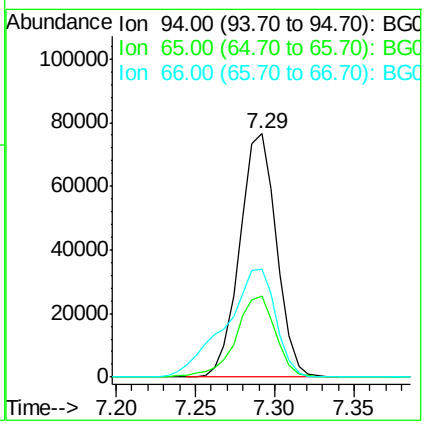


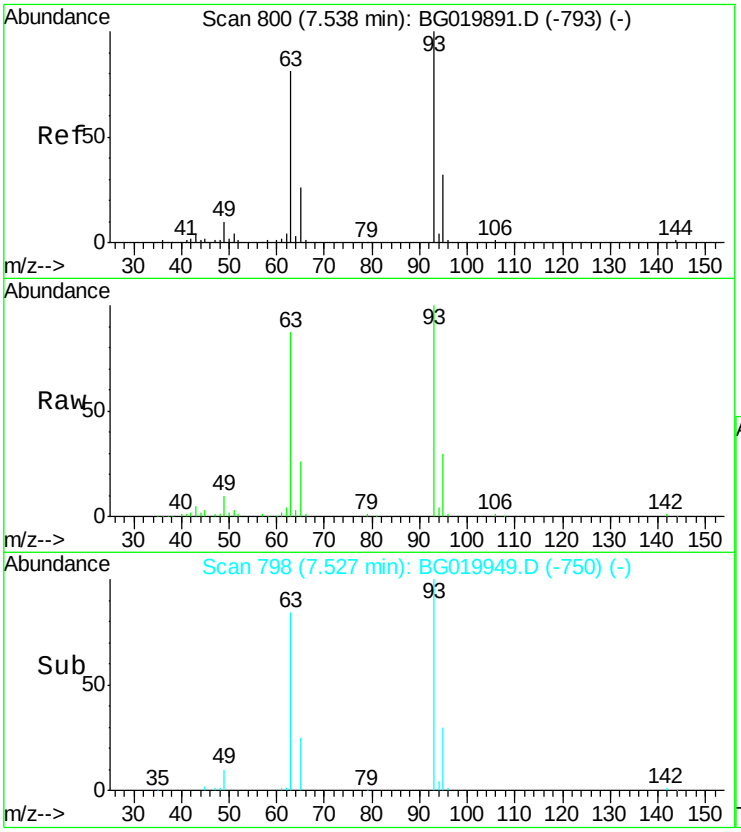


#10
Phenol
Concen: 44.27 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 94 Resp: 122964

Ion	Ratio	Lower	Upper
94	100		
65	33.5	5.4	45.4
66	44.1	11.8	51.8



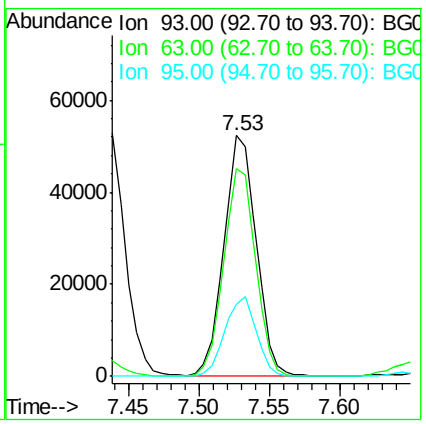


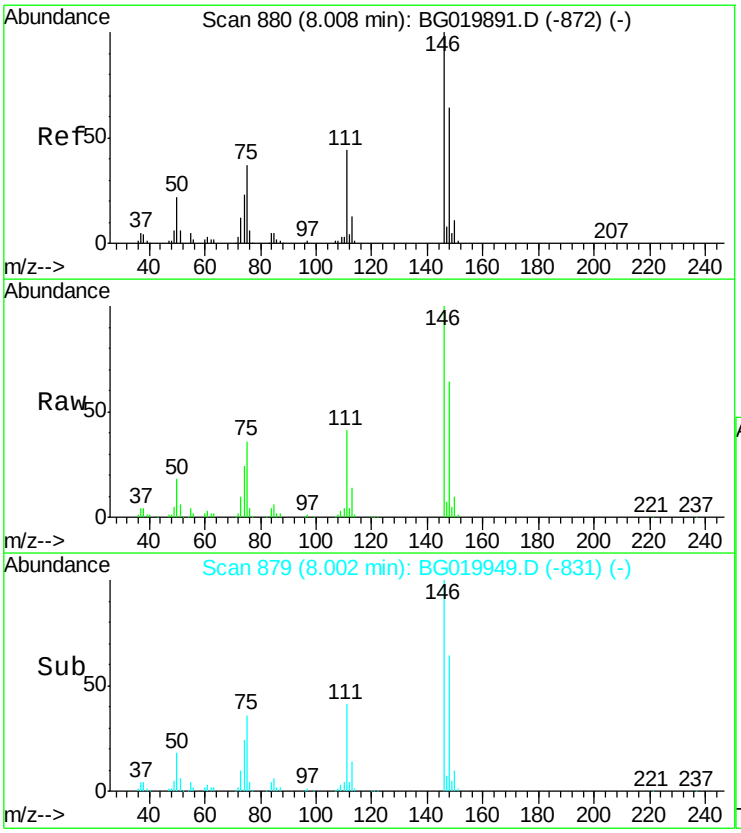
#11
bis(2-Chloroethyl)ether
Concen: 40.76 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 93 Resp: 83832

Ion	Ratio	Lower	Upper
93	100		
63	86.5	50.5	90.5
95	29.8	12.2	52.2

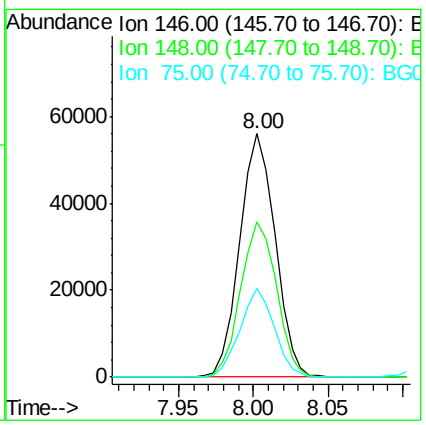


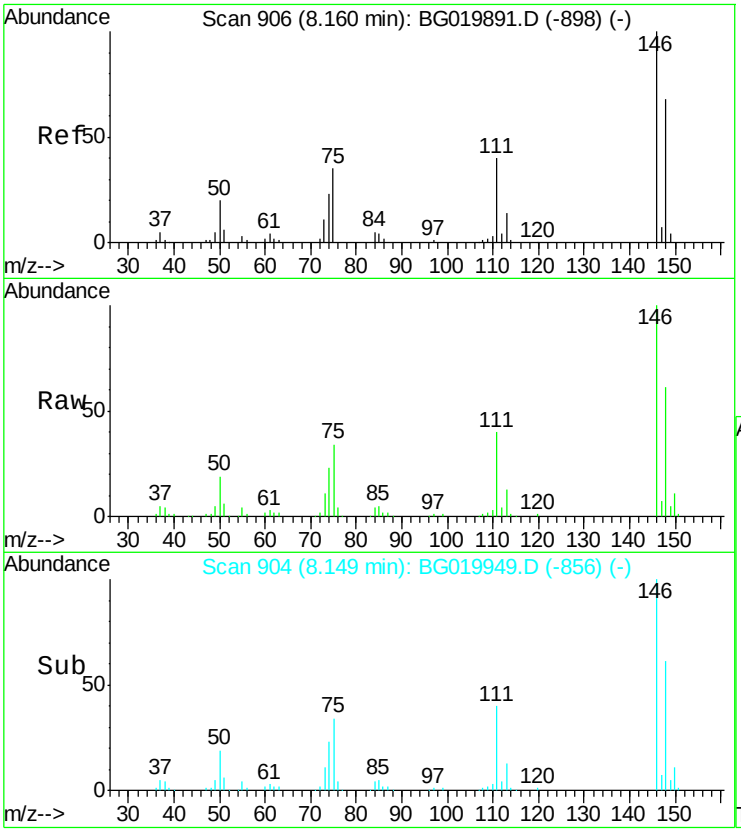


#12
1,3-Dichlorobenzene
Concen: 38.12 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:146 Resp: 92090

Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.0
75	36.3	21.1	31.7#



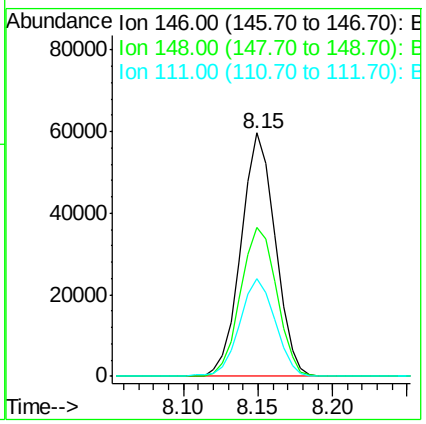


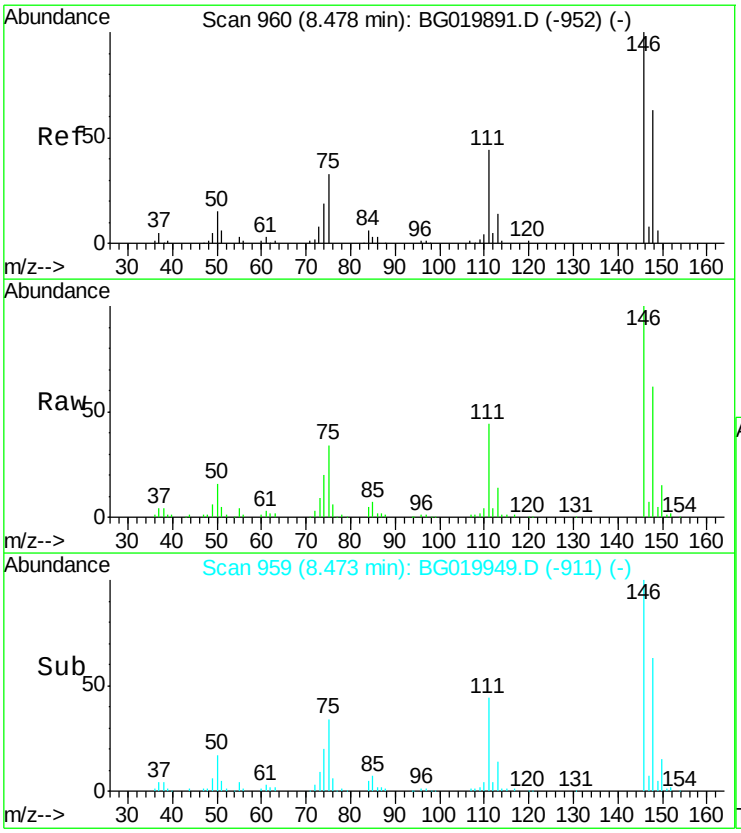
#13
1,4-Dichlorobenzene
Concen: 38.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:146 Resp: 94805

Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.5	78.7
111	40.2	28.3	42.5

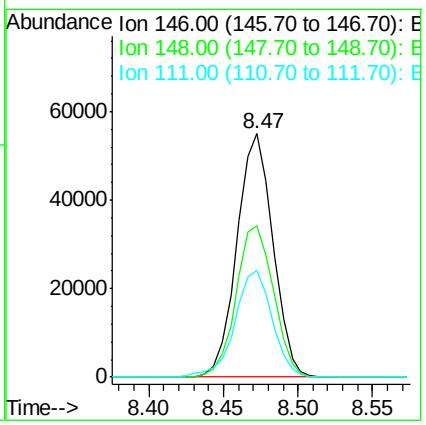


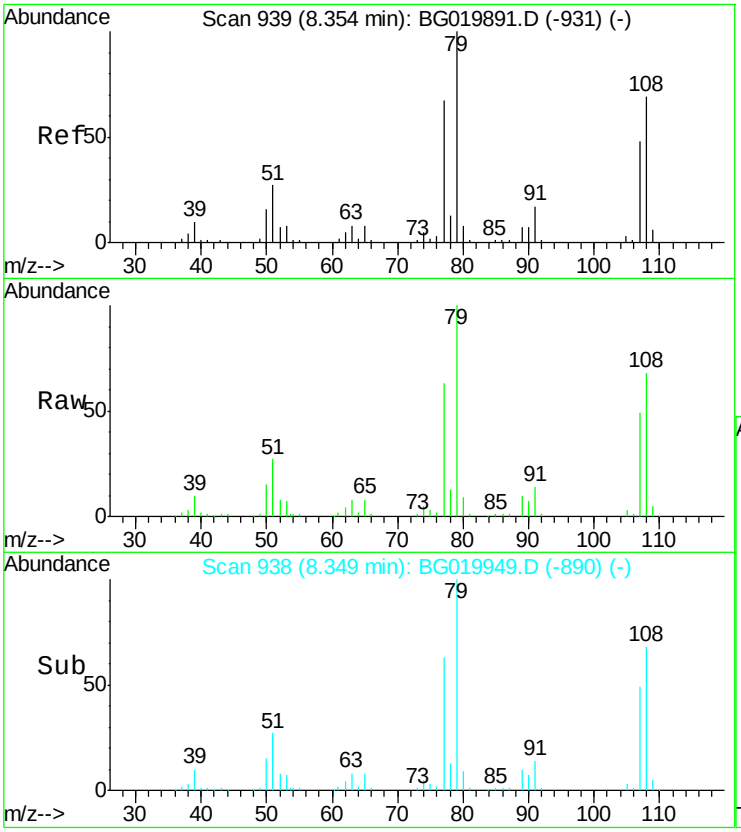


#14
1,2-Dichlorobenzene
Concen: 38.51 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:146 Resp: 91651

Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.5	78.7
111	44.0	29.9	44.9



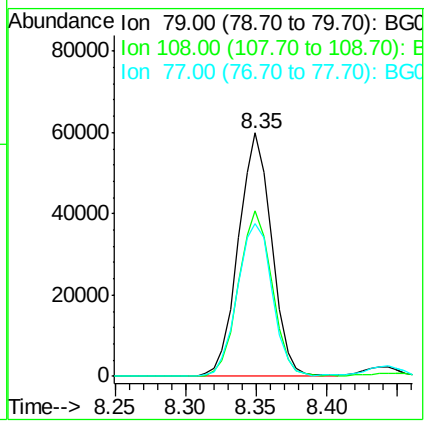


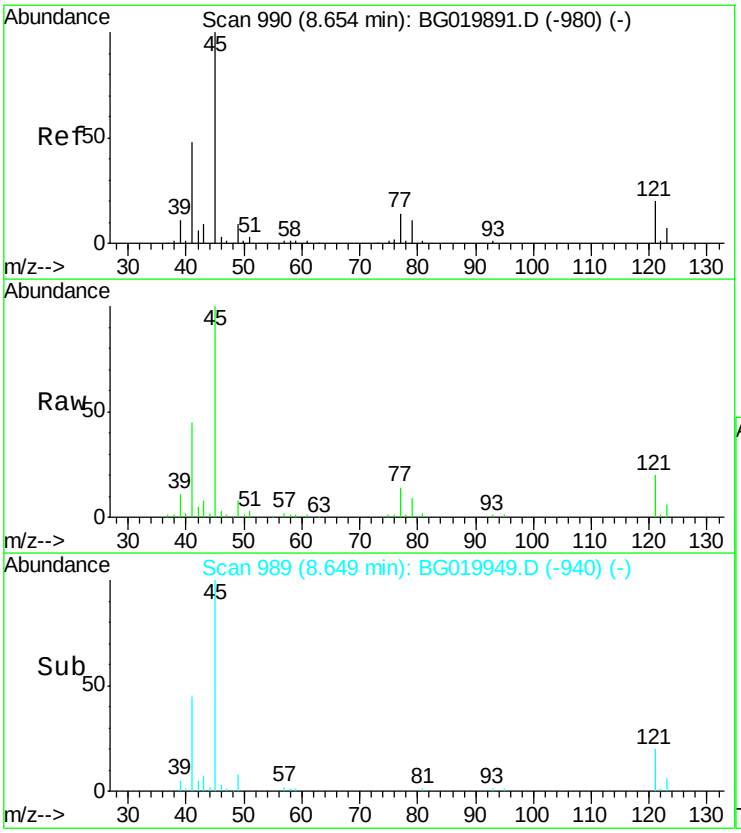
#15
Benzyl Alcohol
Concen: 42.61 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 79 Resp: 98676

Ion	Ratio	Lower	Upper
79	100		
108	68.1	65.5	98.3
77	62.7	51.3	76.9

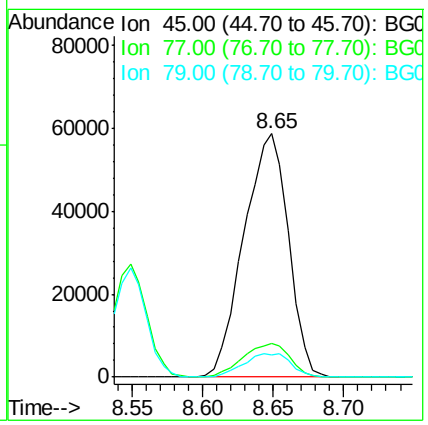


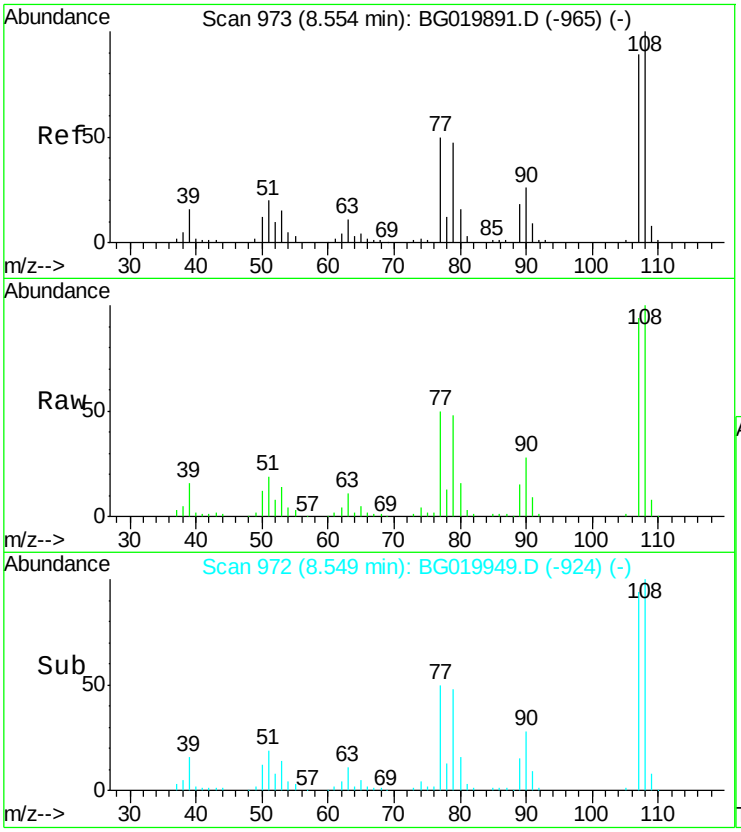


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.58 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 45 Resp: 129440

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	37.0
79	9.1	0.0	33.8



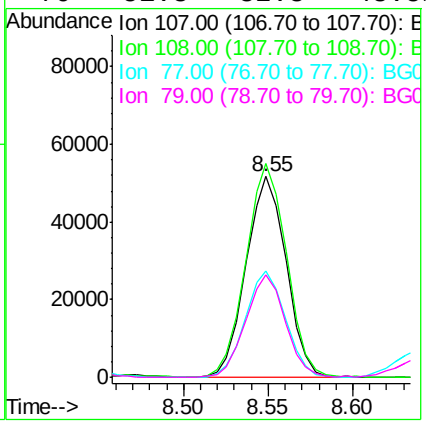


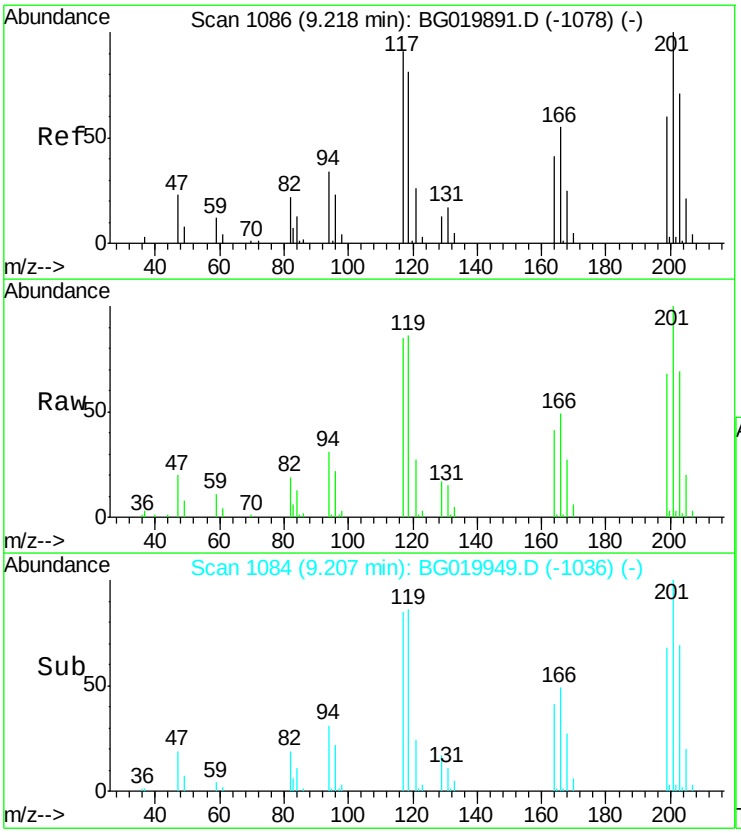
#17
2-Methylphenol
Concen: 43.34 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:107 Resp: 84978

Ion	Ratio	Lower	Upper
107	100		
108	106.5	86.5	129.7
77	53.0	34.6	51.8#
79	51.3	32.3	48.5#

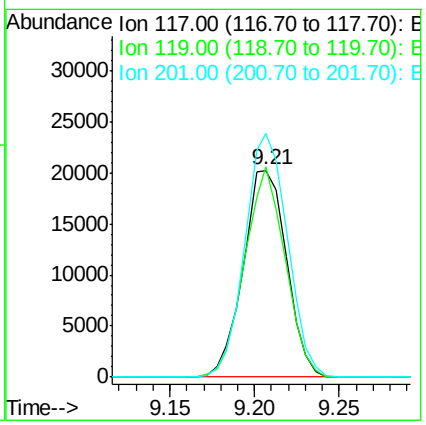


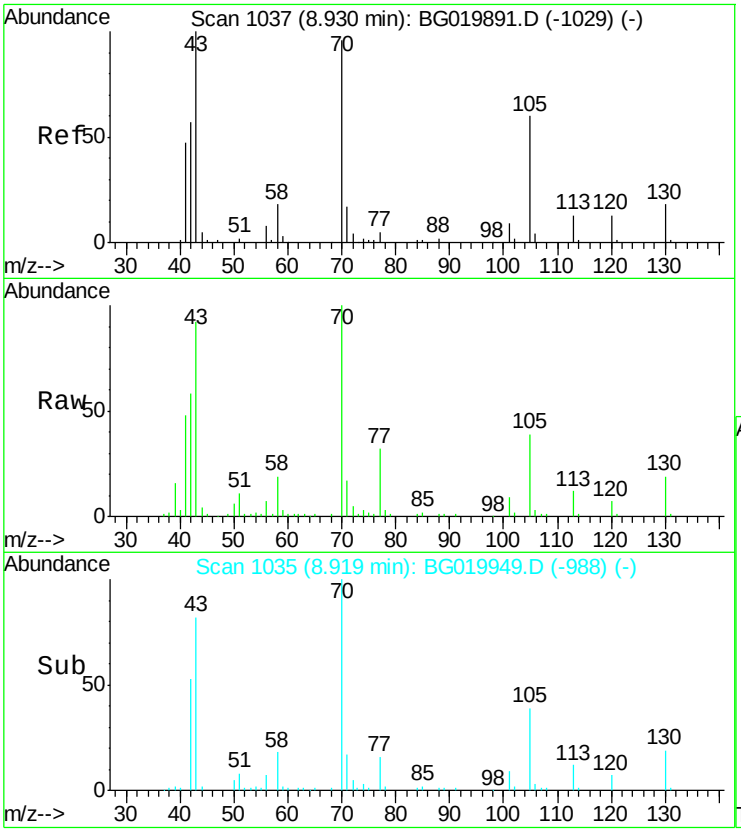


#18
Hexachloroethane
Concen: 38.51 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:117 Resp: 35981

Ion	Ratio	Lower	Upper
117	100		
119	101.5	71.7	107.5
201	120.8	90.9	136.3



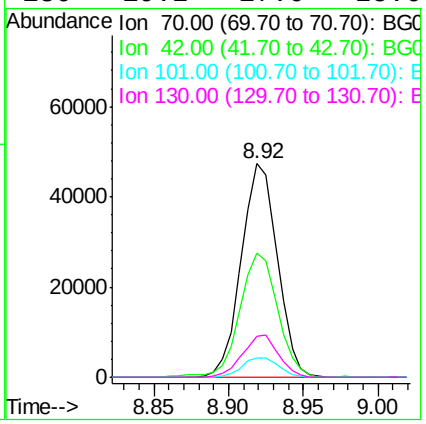


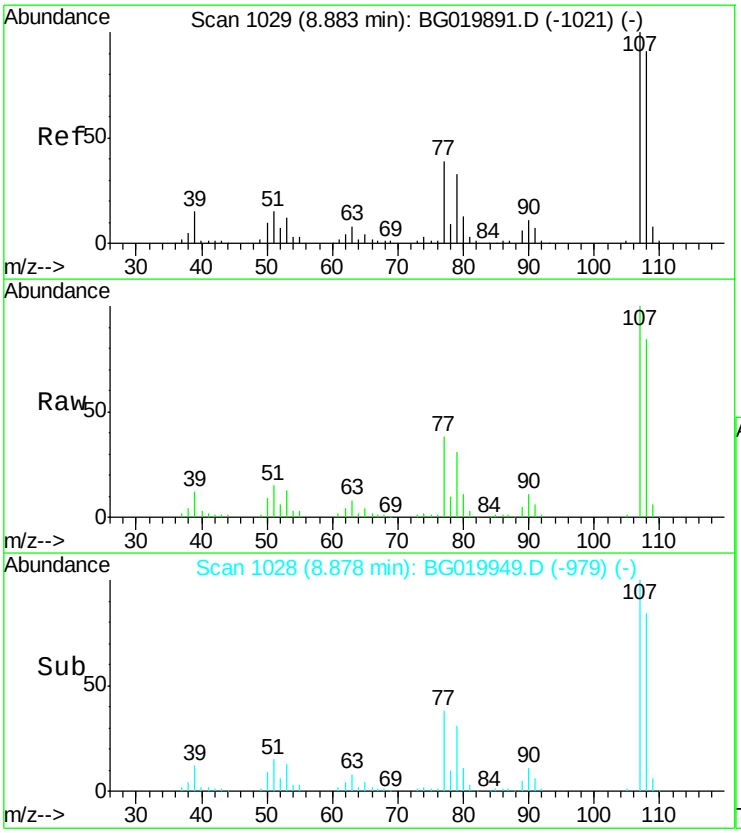
#19
n-Nitroso-di-n-propylamine
Concen: 37.89 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 70 Resp: 78863

Ion	Ratio	Lower	Upper
70	100		
42	58.4	40.6	60.8
101	9.1	8.6	13.0
130	19.2	17.0	25.6

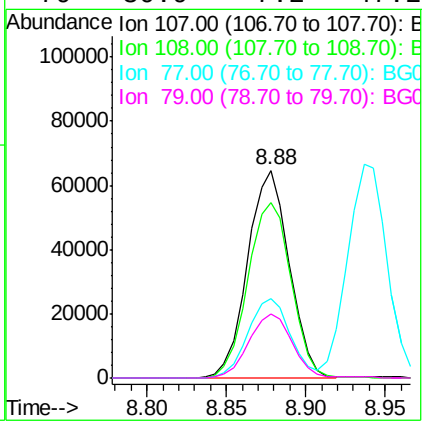


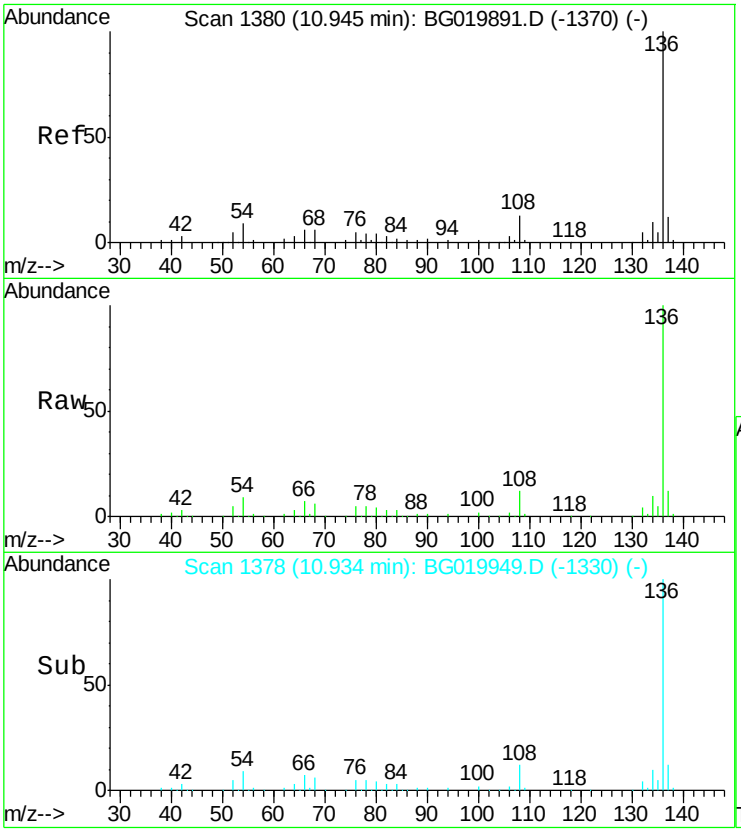


#20
3+4-Methylphenols
Concen: 42.68 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:107 Resp: 117830

Ion	Ratio	Lower	Upper
107	100		
108	84.3	72.2	112.2
77	37.9	13.4	53.4
79	30.9	7.2	47.2



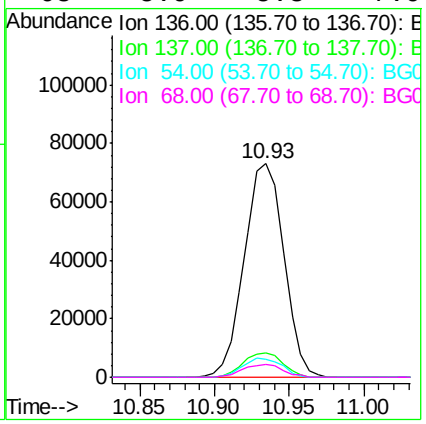


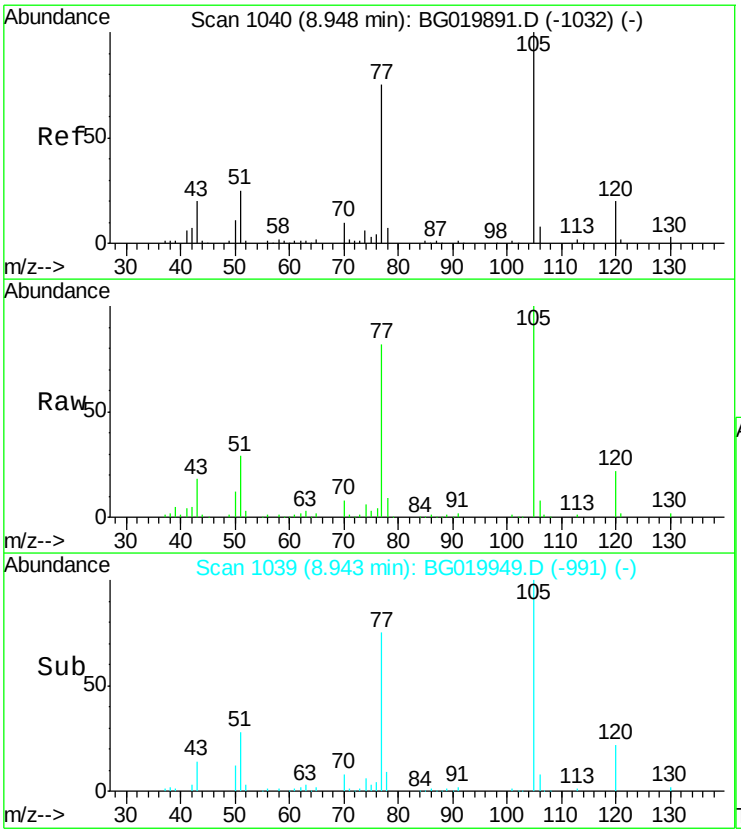
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:136 Resp: 134056

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	8.6	5.4	8.2#
68	5.9	5.3	7.9

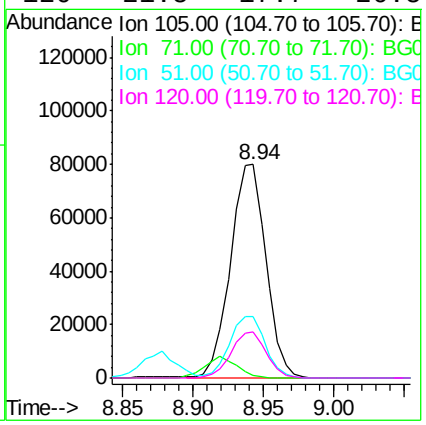


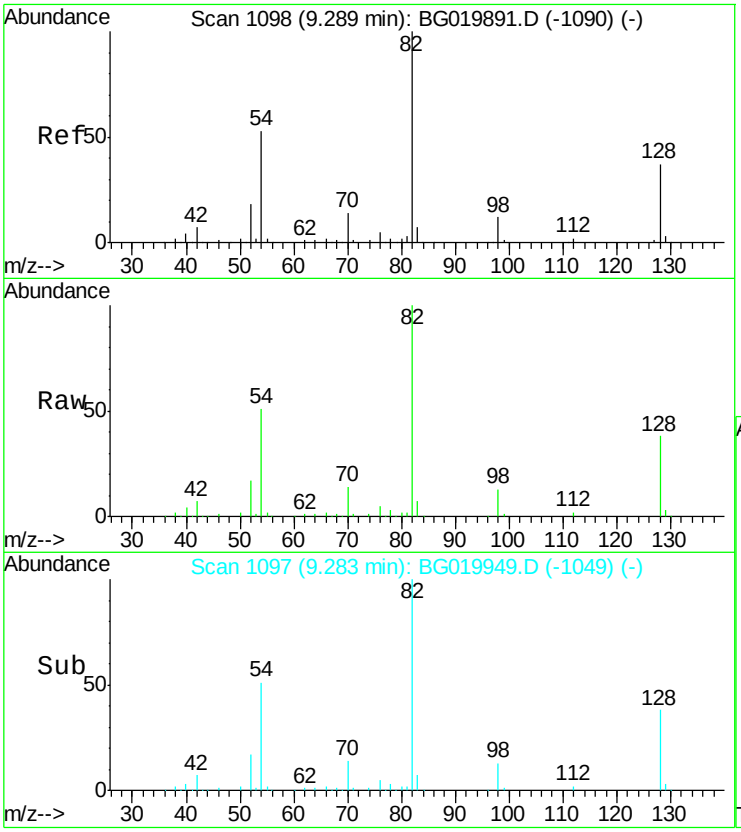


#22
Acetophenone
Concen: 38.19 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:105 Resp: 140352

Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.1	3.1#
51	29.0	17.8	26.8#
120	21.5	17.7	26.5



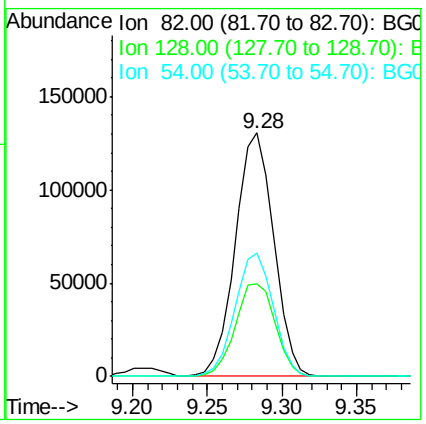


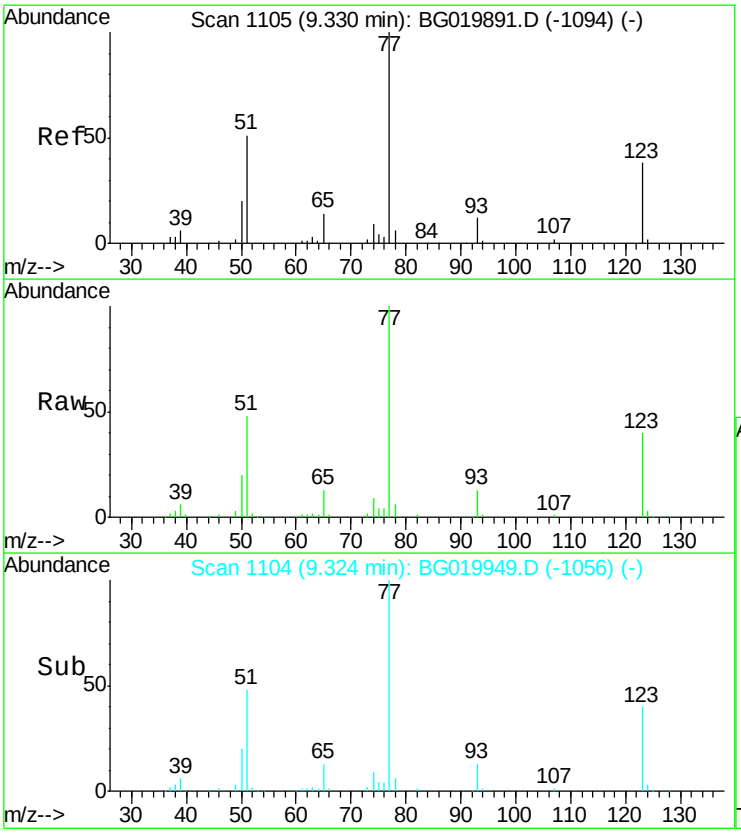
#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 82 Resp: 232856

Ion	Ratio	Lower	Upper
82	100		
128	38.0	36.7	55.1
54	50.9	33.8	50.8#

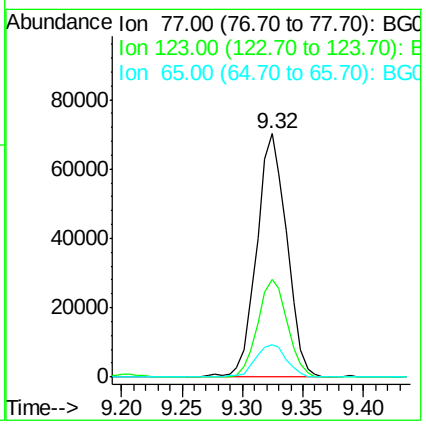


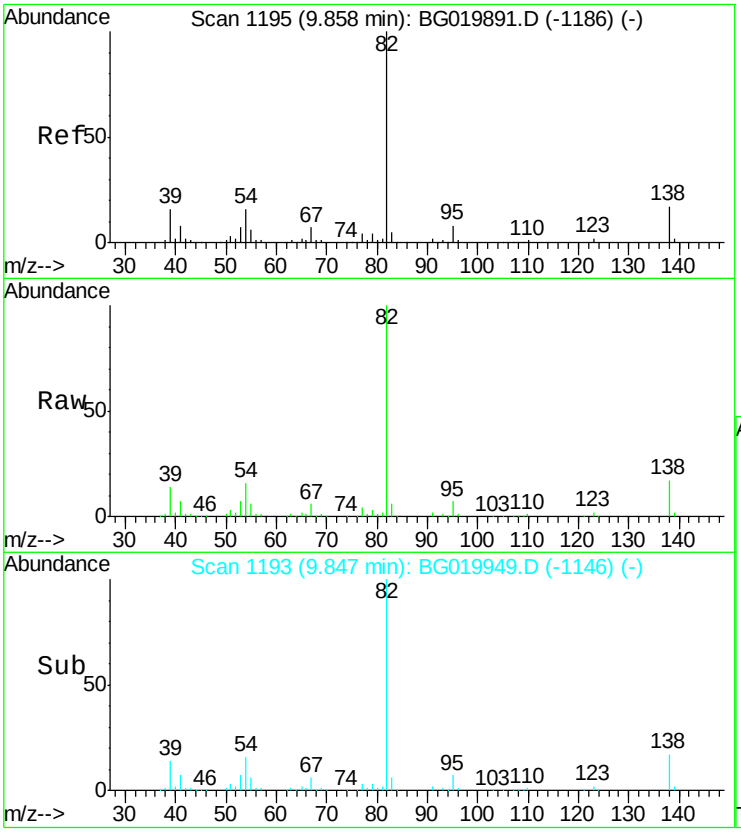


#24
Nitrobenzene
Concen: 42.38 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 77 Resp: 120749

Ion	Ratio	Lower	Upper
77	100		
123	40.0	38.2	57.2
65	13.3	10.6	16.0



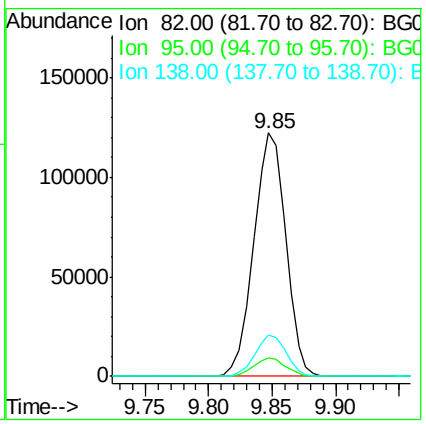


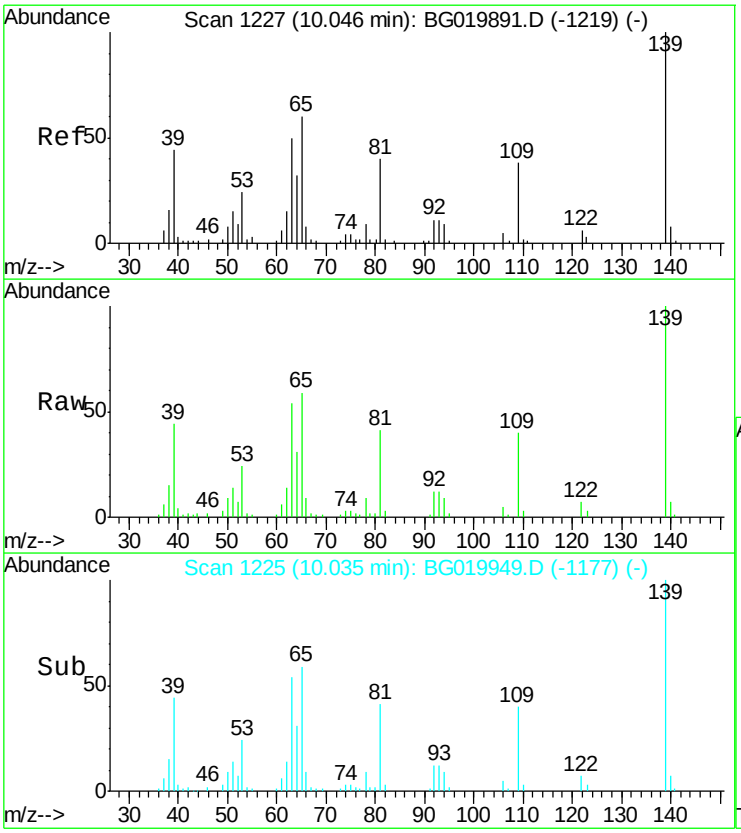
#25
Isophorone
Concen: 38.26 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 82 Resp: 215453

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.2	7.8
138	17.2	14.4	21.6

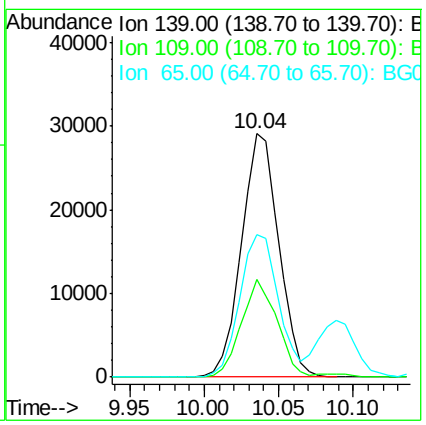


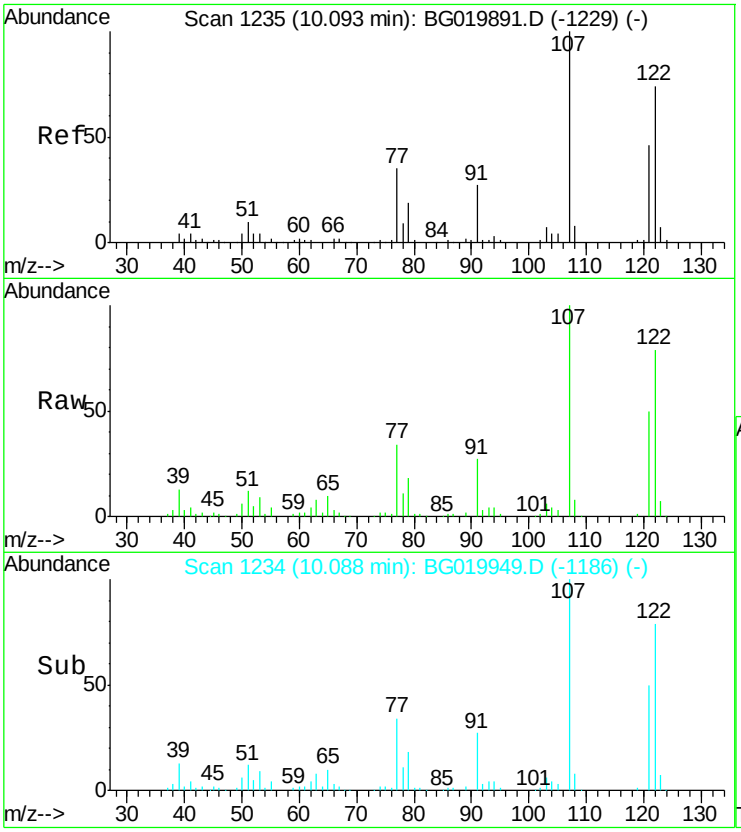


#26
2-Nitrophenol
Concen: 45.59 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:139 Resp: 50170

Ion	Ratio	Lower	Upper
139	100		
109	40.2	20.1	30.1#
65	58.5	34.1	51.1#



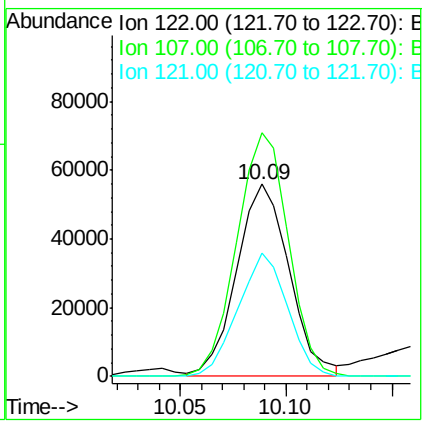


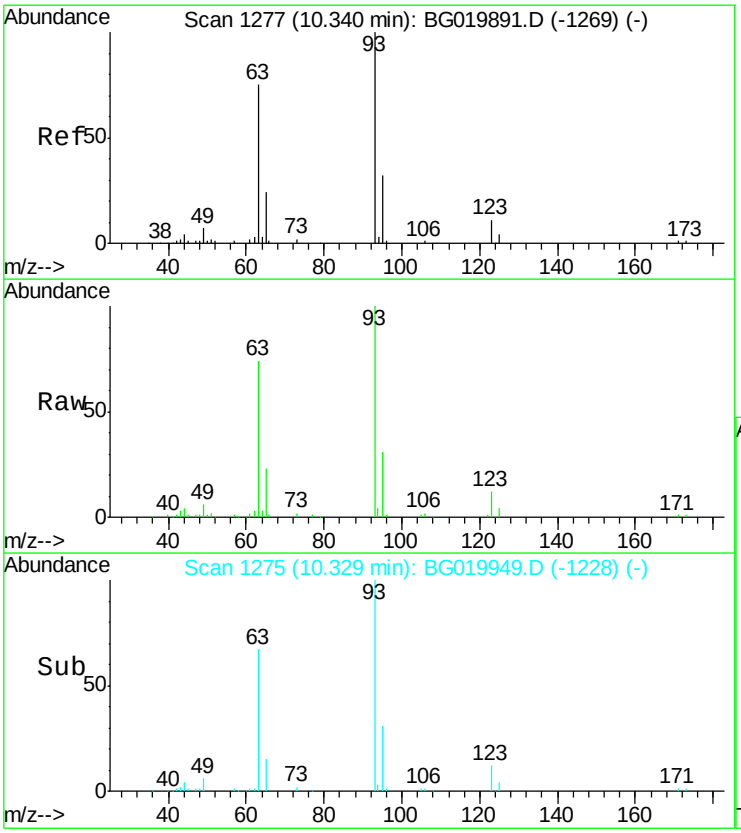
#27
2,4-Dimethylphenol
Concen: 41.99 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:122 Resp: 96233

Ion	Ratio	Lower	Upper
122	100		
107	126.9	91.6	137.4
121	64.0	47.3	70.9

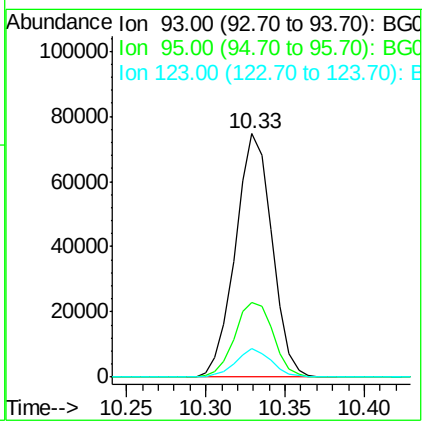


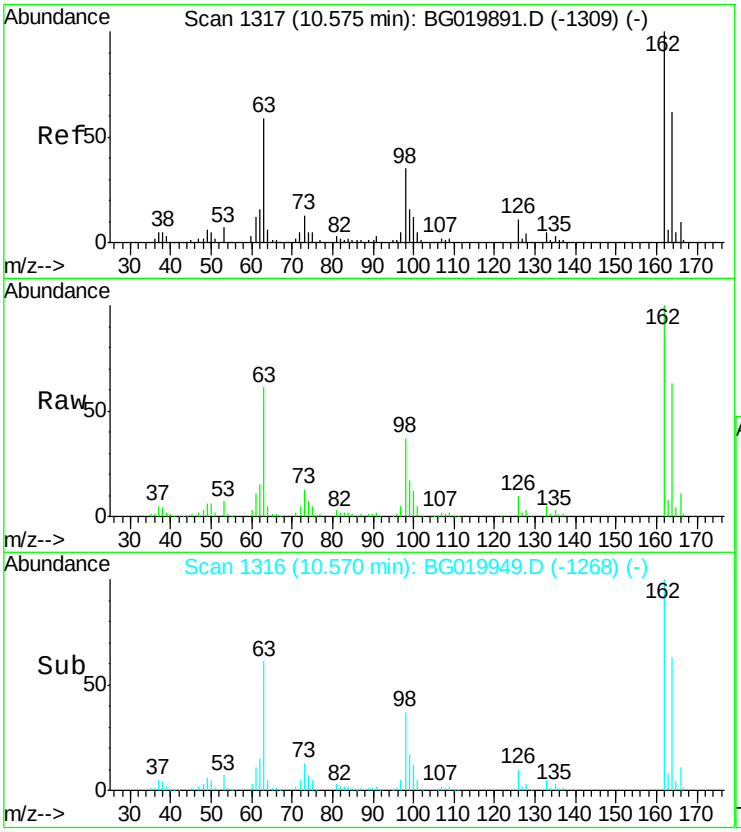


#28
bis(2-Chloroethoxy)methane
Concen: 43.38 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 93 Resp: 119367

Ion	Ratio	Lower	Upper
93	100		
95	30.9	25.7	38.5
123	12.0	8.6	12.8



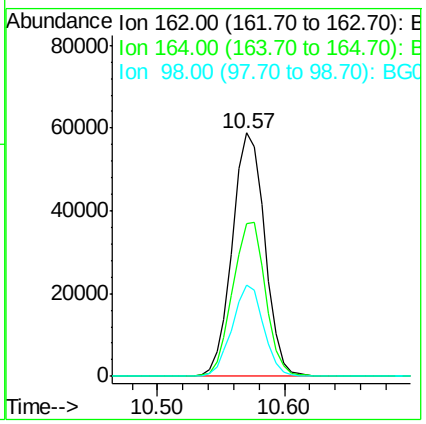


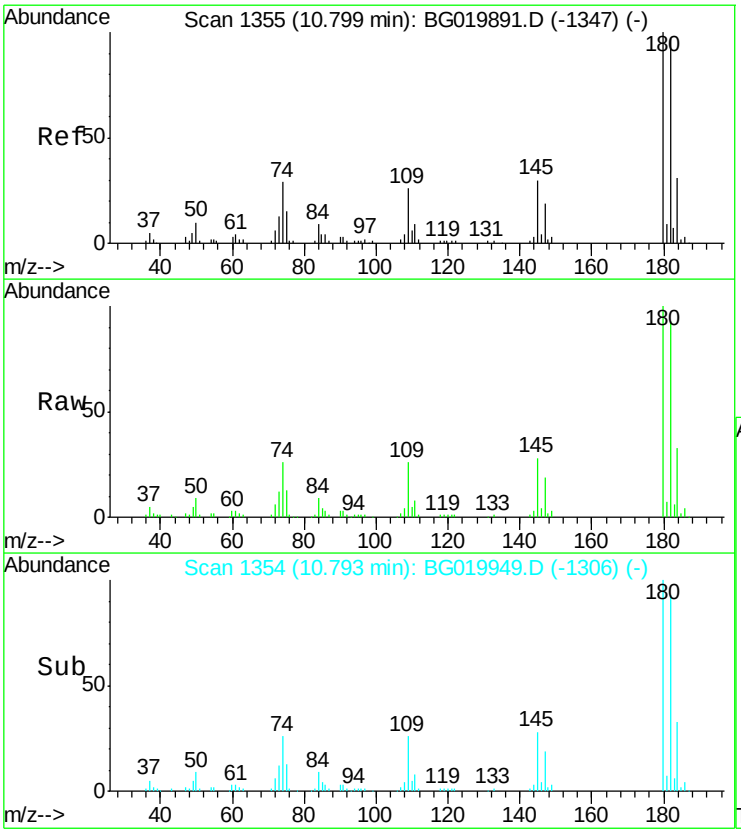
#29
2,4-Dichlorophenol
Concen: 44.54 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:162 Resp: 104270

Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.3	82.3
98	37.2	11.5	51.5

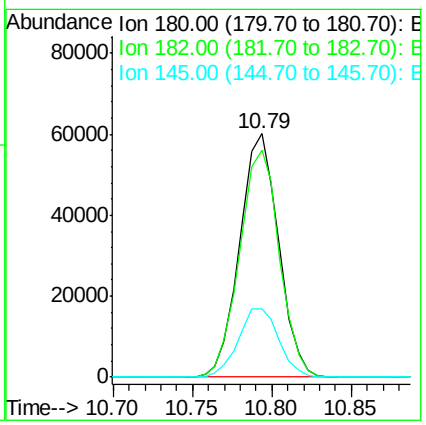


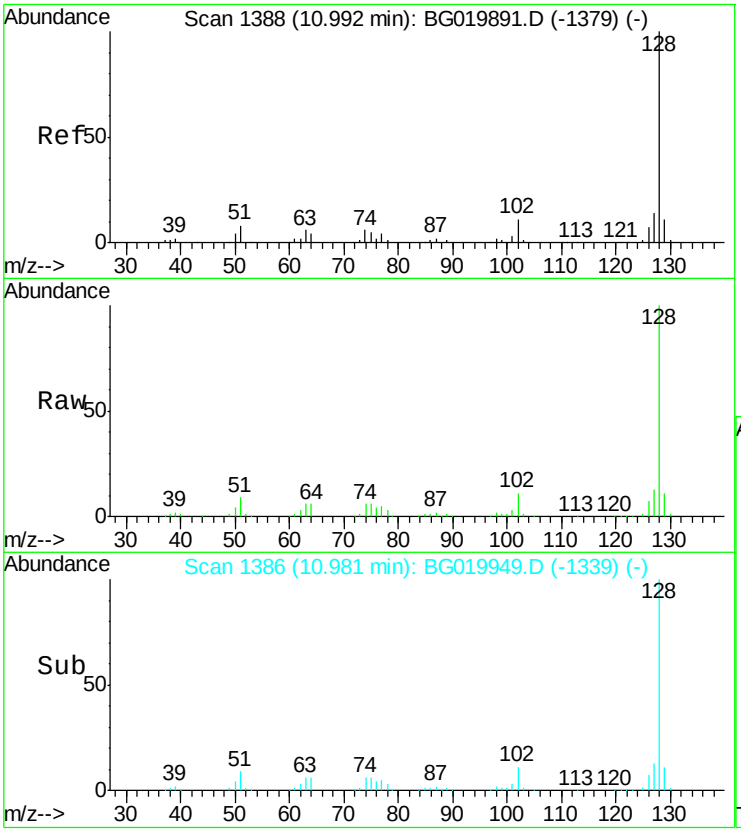


#30
1,2,4-Trichlorobenzene
Concen: 38.66 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:180 Resp: 102300

Ion	Ratio	Lower	Upper
180	100		
182	93.4	79.7	119.5
145	27.9	22.0	33.0



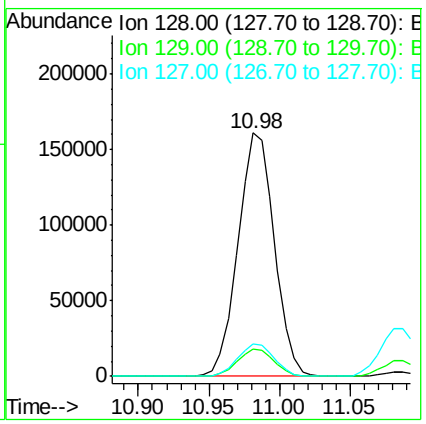


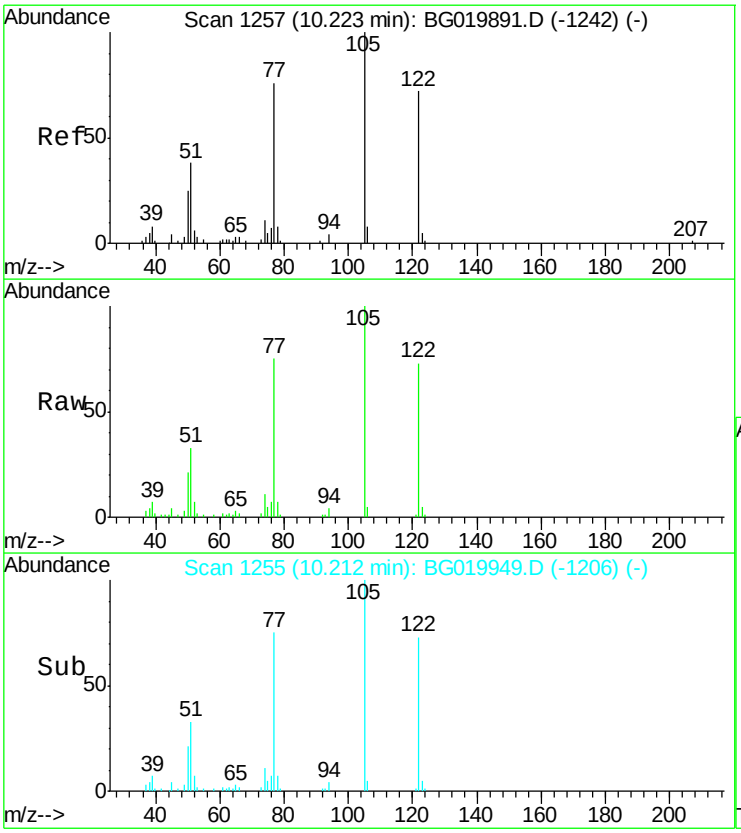
#31
Naphthalene
Concen: 40.27 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:128 Resp: 289175

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	13.4	10.6	16.0

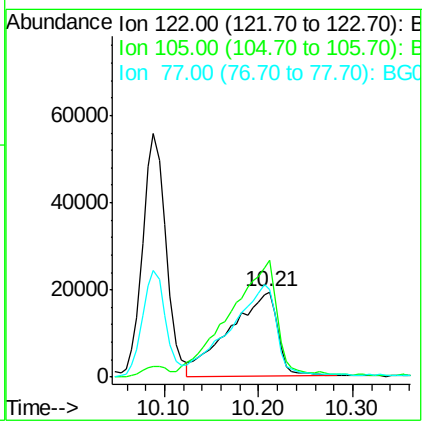


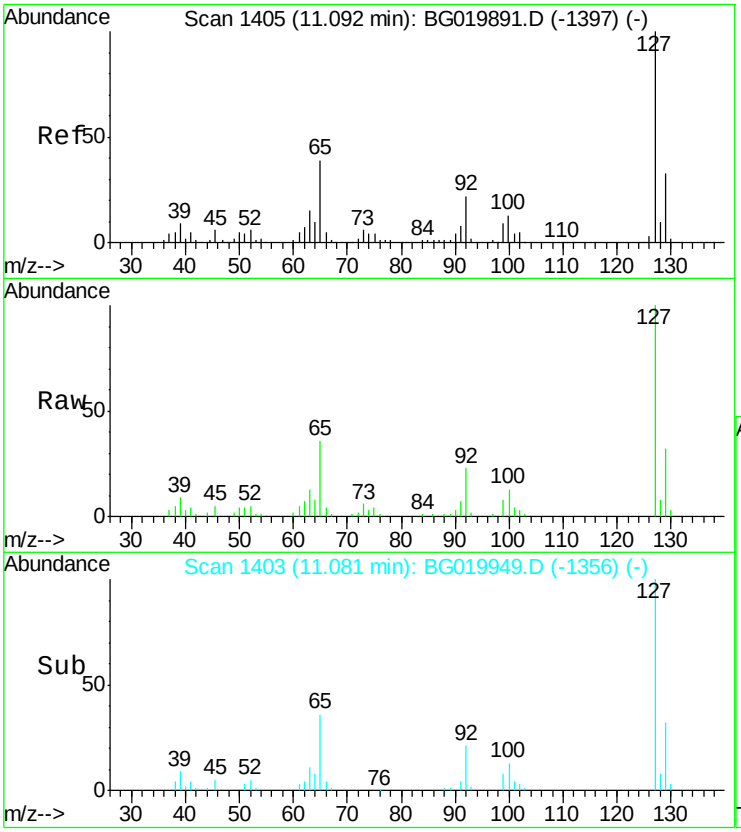


#32
Benzoic acid
Concen: 44.53 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:122 Resp: 67998

Ion	Ratio	Lower	Upper
122	100		
105	136.8	103.8	143.8
77	102.7	68.8	108.8



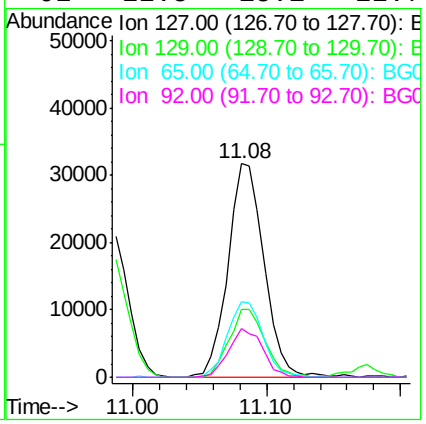


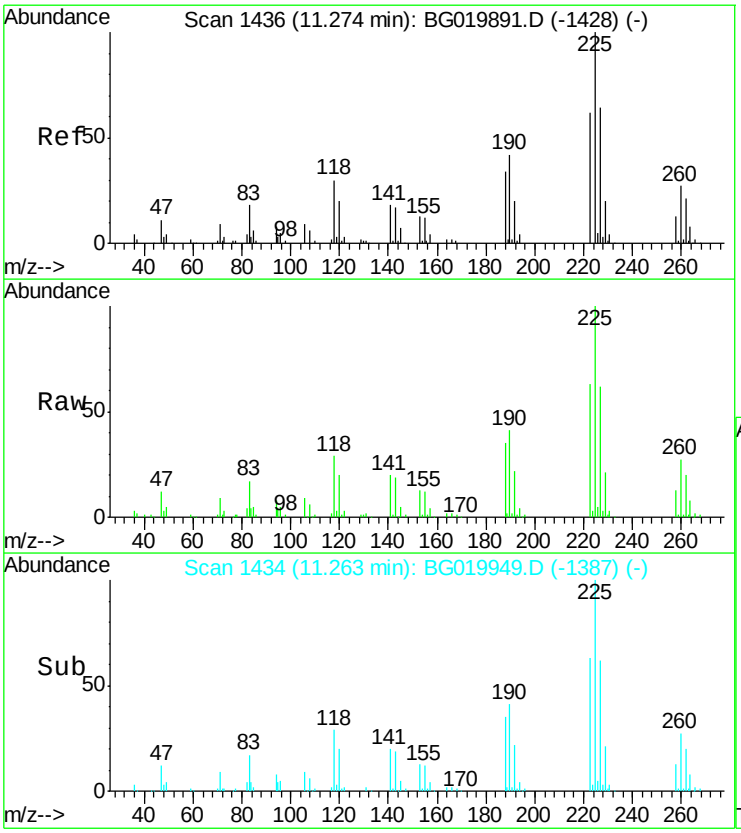
#33
4-Chloroaniline
Concen: 18.84 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:127 Resp: 59610

Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.6	37.0
65	35.6	22.6	33.8#
92	22.5	15.1	22.7

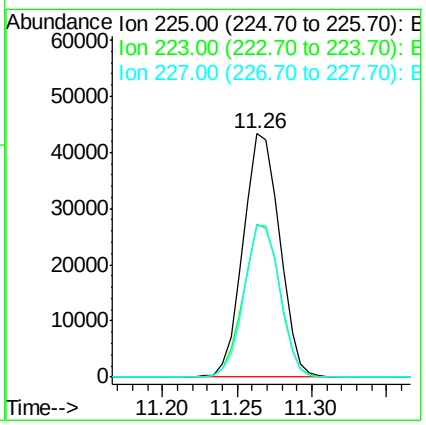


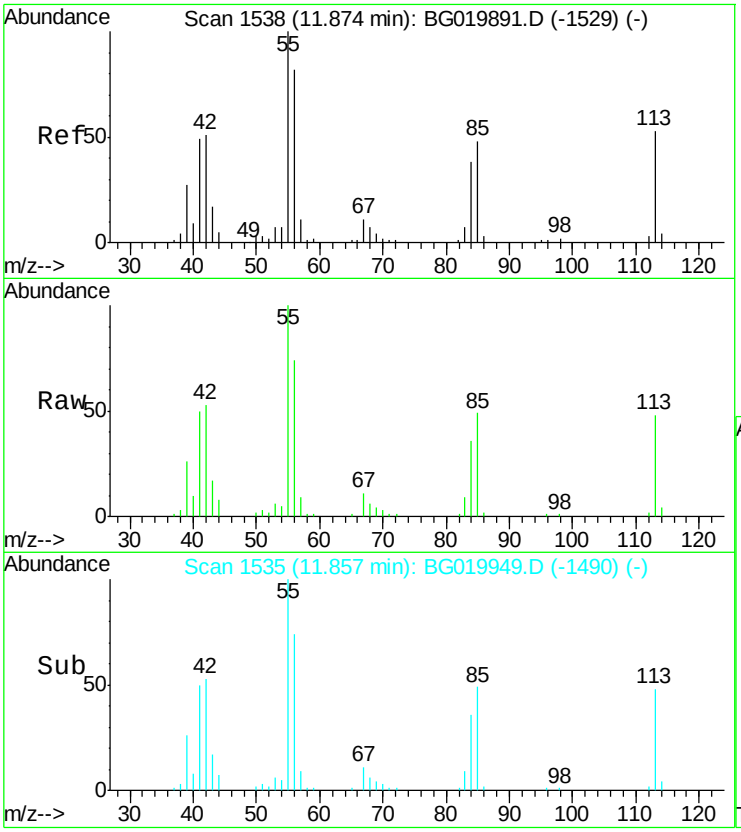


#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:225 Resp: 73189

Ion	Ratio	Lower	Upper
225	100		
223	59.7	51.0	76.4
227	59.2	51.8	77.8



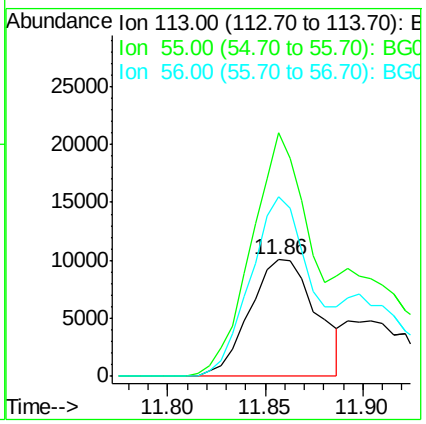


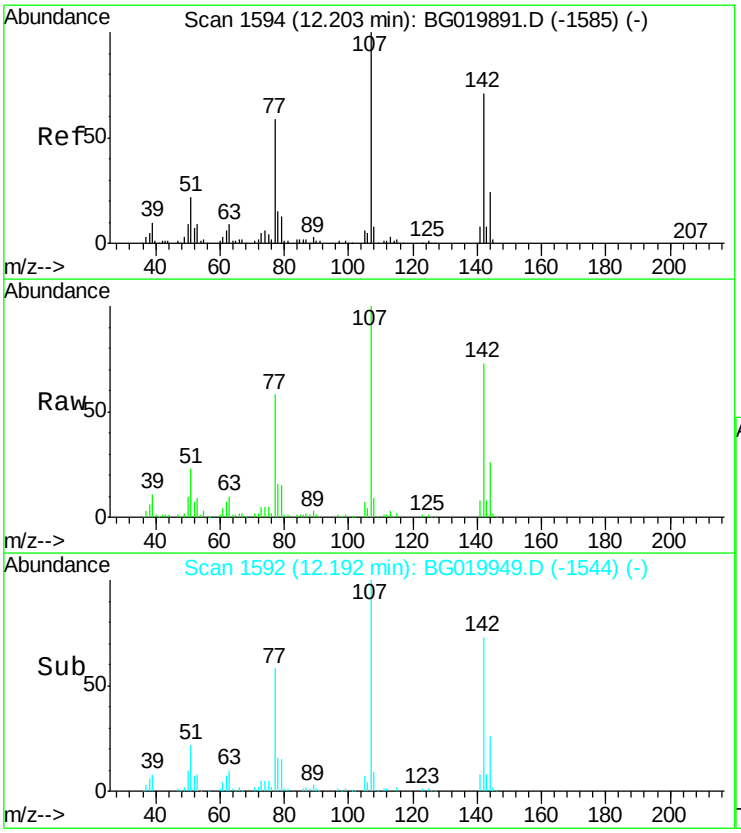
#35
Caprolactam
Concen: 27.20 ng
RT: 11.86 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:113 Resp: 23702

Ion	Ratio	Lower	Upper
113	100		
55	209.3	135.0	175.0#
56	154.5	83.4	123.4#

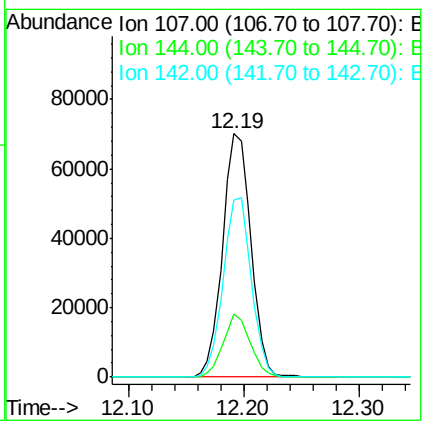


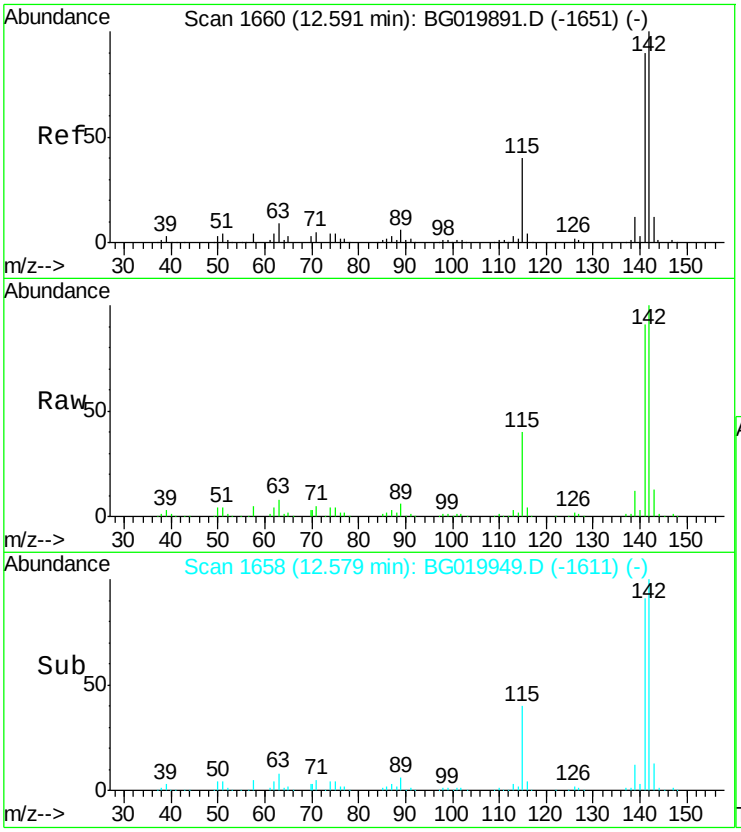


#36
4-Chloro-3-methylphenol
Concen: 40.97 ng
RT: 12.19 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:107 Resp: 119455

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.6	31.0
142	72.6	62.6	93.8



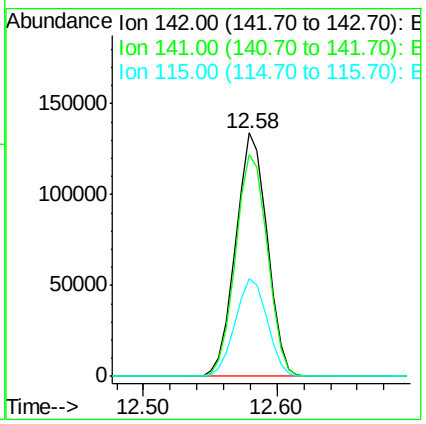


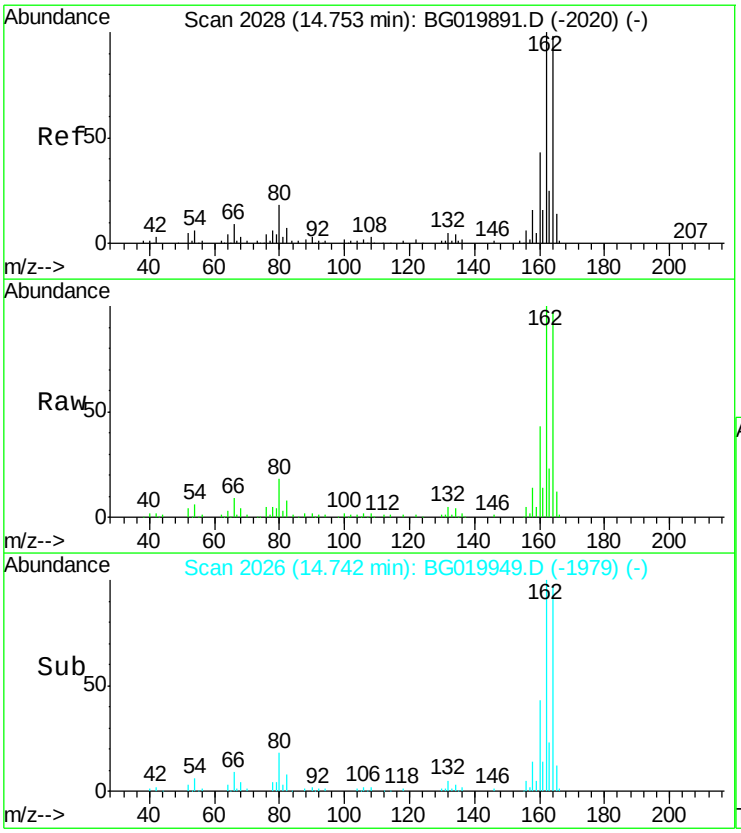
#37
2-Methylnaphthalene
Concen: 41.58 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:142 Resp: 218824

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.6	112.0
115	40.2	27.4	41.0

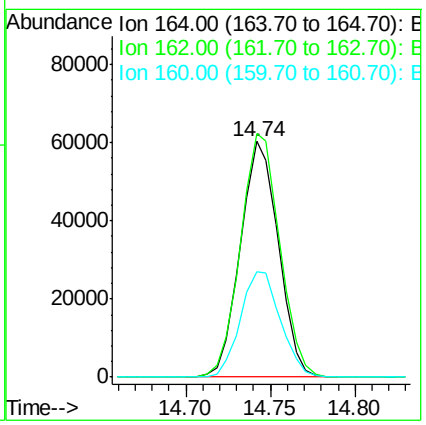


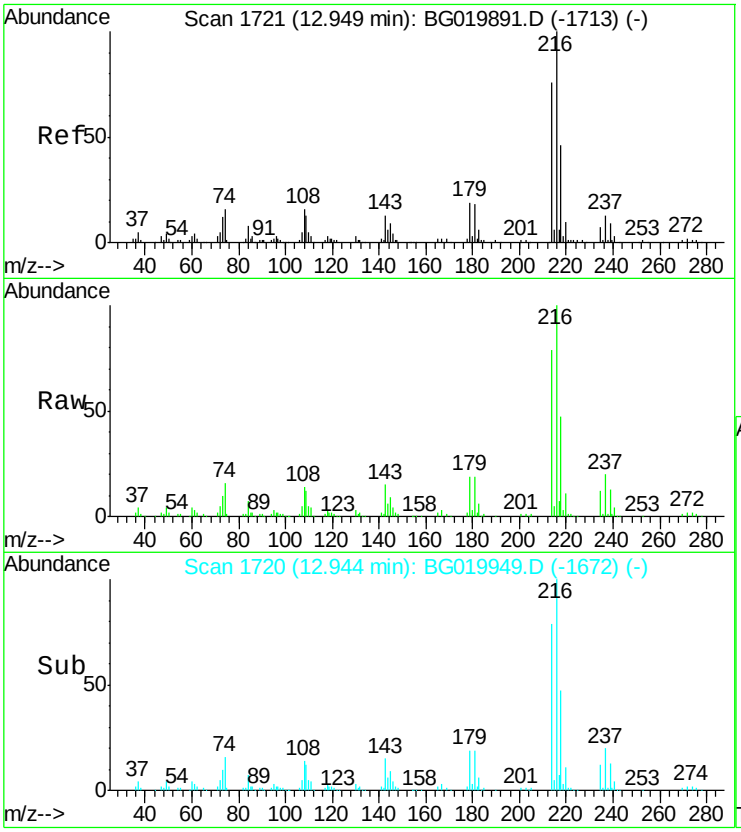


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:164 Resp: 94326

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.8	36.4	54.6



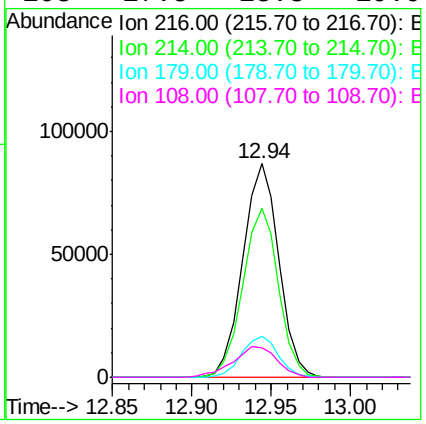


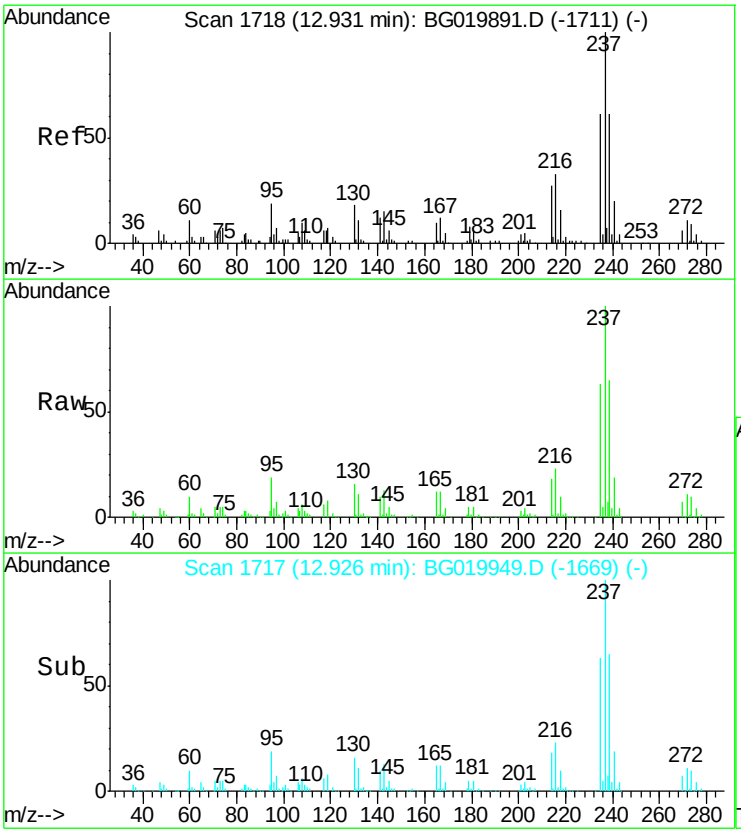
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.13 ng
RT: 12.94 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:216 Resp: 136489

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.5	93.7
179	19.4	15.6	23.4
108	17.5	13.3	19.9

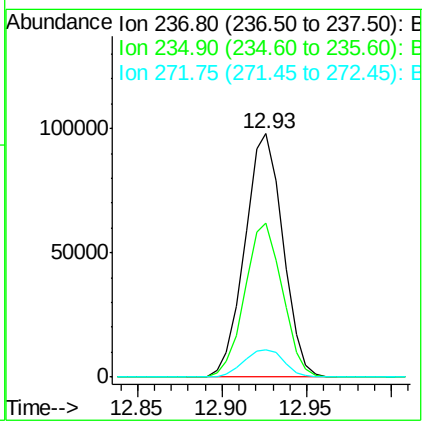


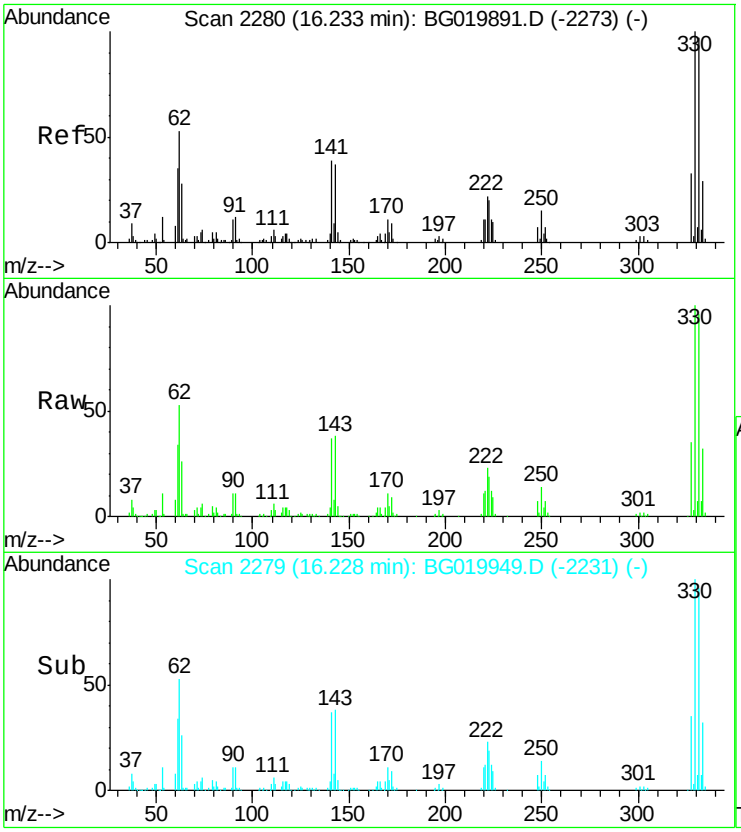


#40
Hexachlorocyclopentadiene
Concen: 75.16 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:237 Resp: 153395

Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.6	84.6
272	11.2	0.0	32.8



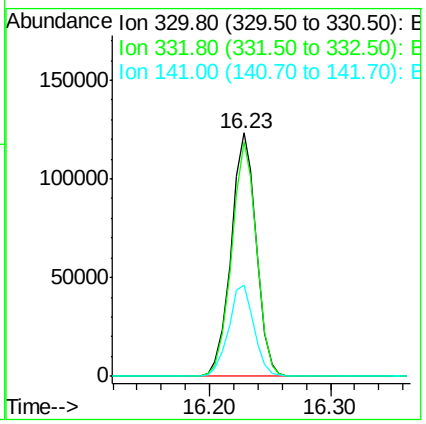


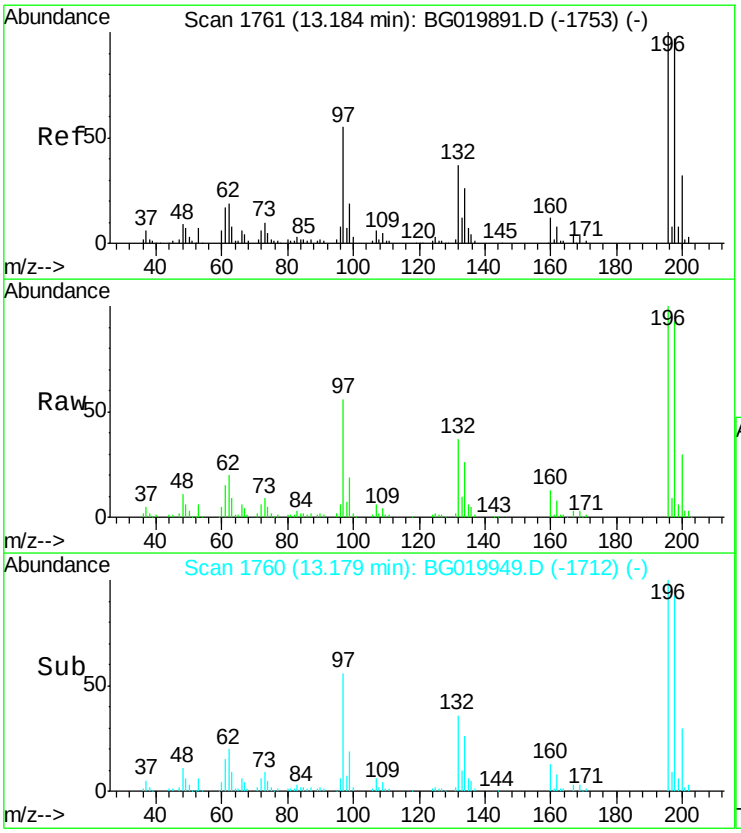
#41
2,4,6-Tribromophenol
Concen: 123.41 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:330 Resp: 178113

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	37.8	28.2	42.2

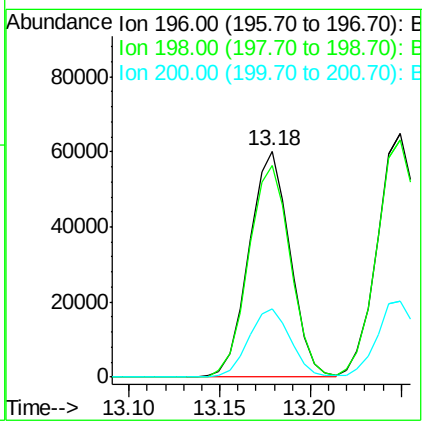


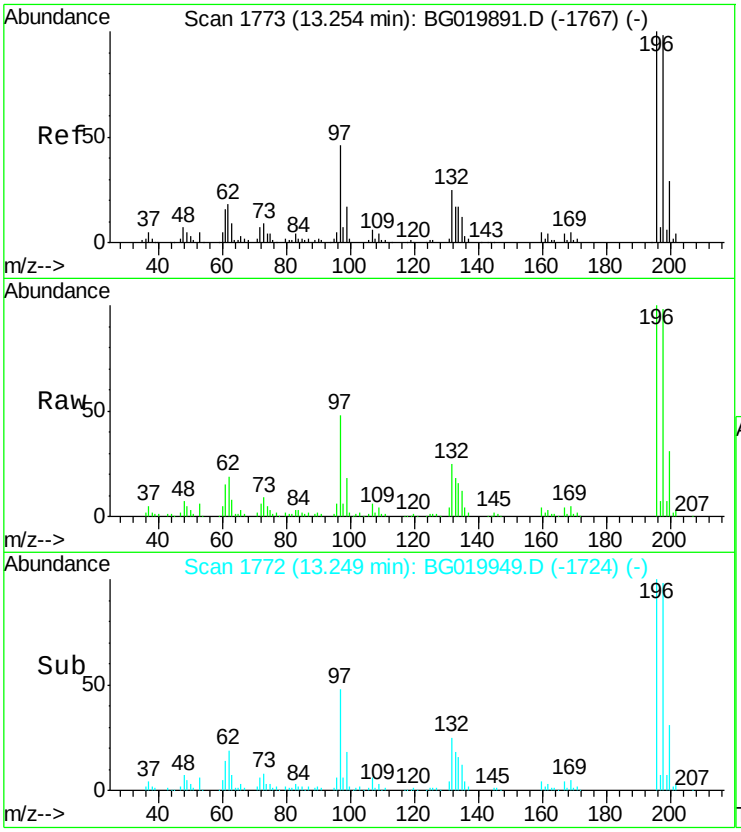


#42
2,4,6-Trichlorophenol
Concen: 39.83 ng
RT: 13.18 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:196 Resp: 94397

Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.7	112.1
200	30.2	24.1	36.1



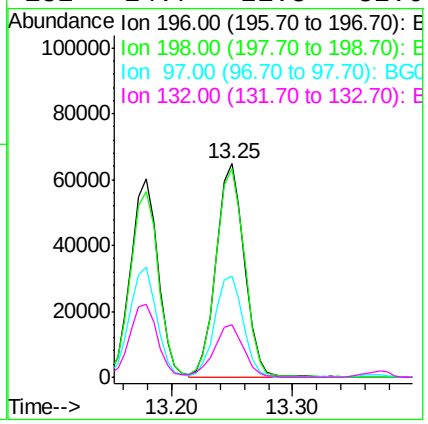


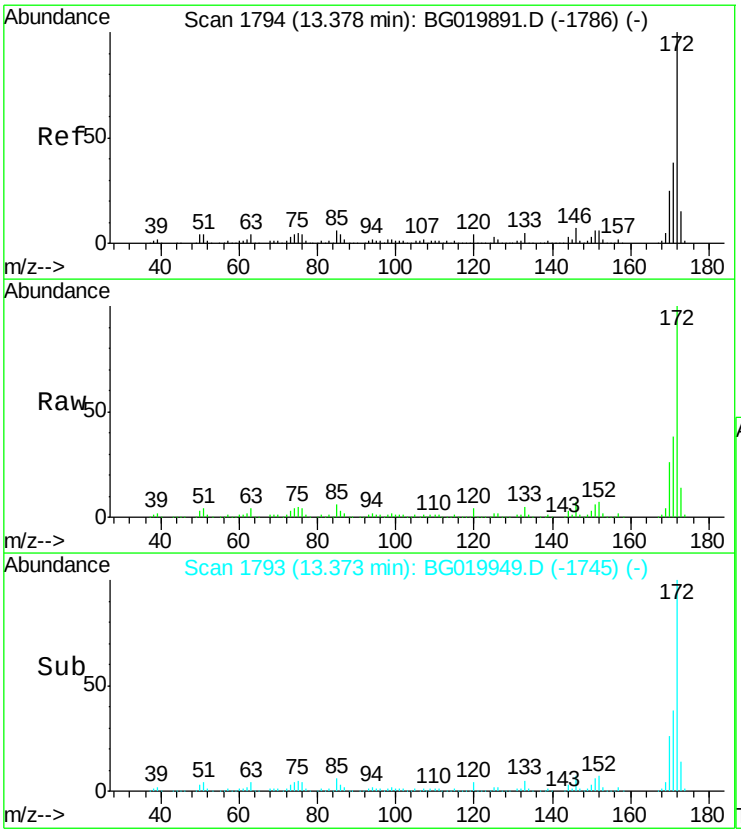
#43
2,4,5-Trichlorophenol
Concen: 41.86 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:196 Resp: 104856

Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.2	112.8
97	47.5	34.2	51.2
132	24.7	21.8	32.6

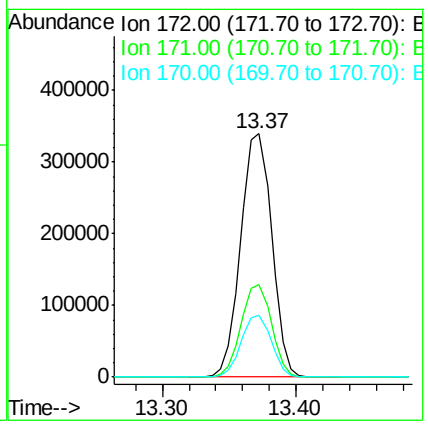


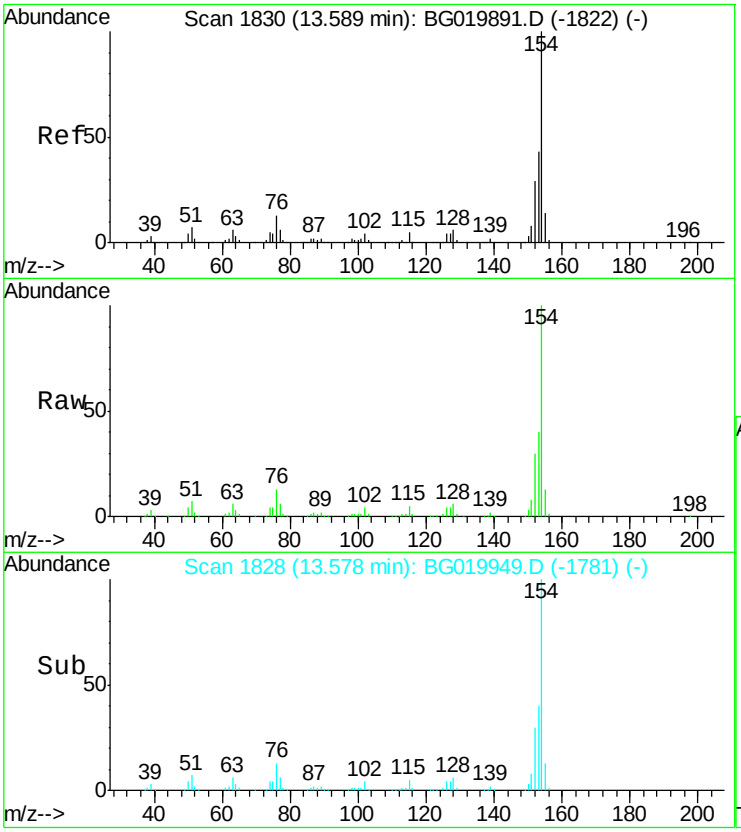


#44
2-Fluorobiphenyl
Concen: 79.35 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:172 Resp: 548197

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	25.5	19.9	29.9



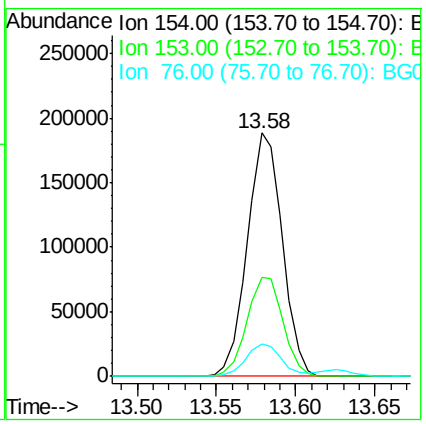


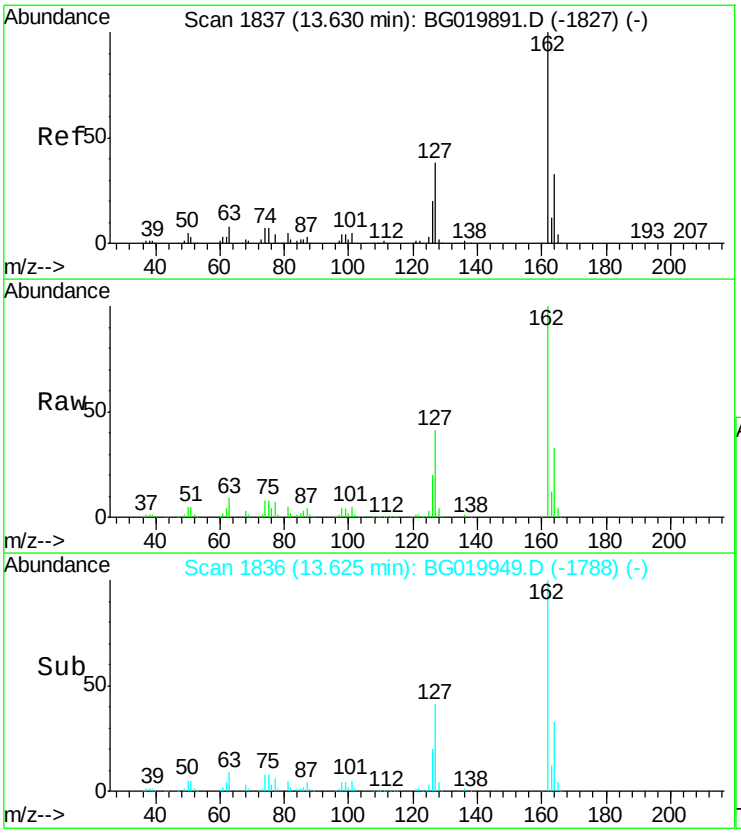
#45
1,1'-Biphenyl
Concen: 37.34 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:154 Resp: 289017

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.9	61.9
76	13.2	0.0	33.2

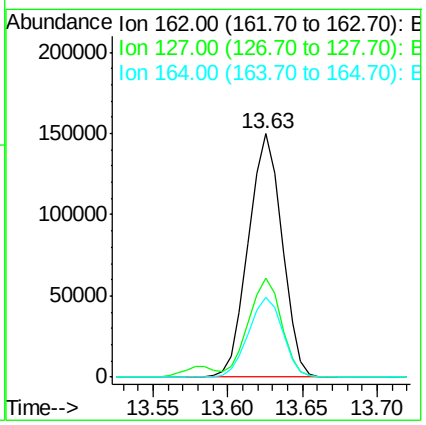


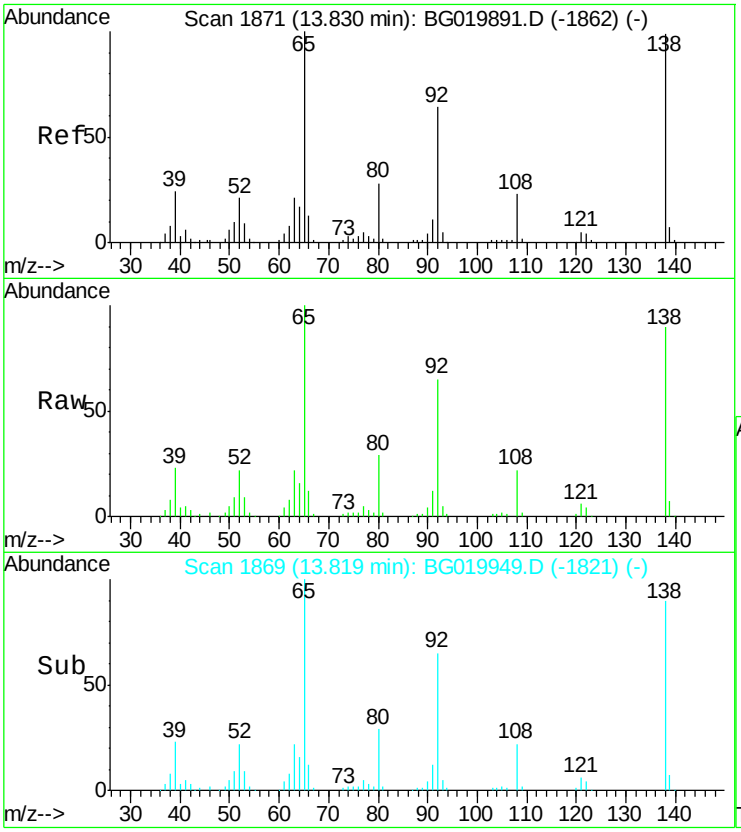


#46
2-Chloronaphthalene
Concen: 39.08 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:162 Resp: 233196

Ion	Ratio	Lower	Upper
162	100		
127	40.6	28.3	42.5
164	32.7	27.4	41.0



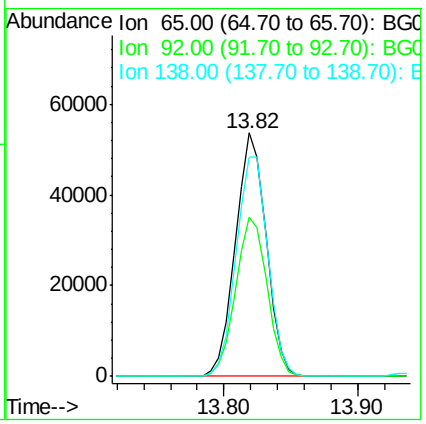


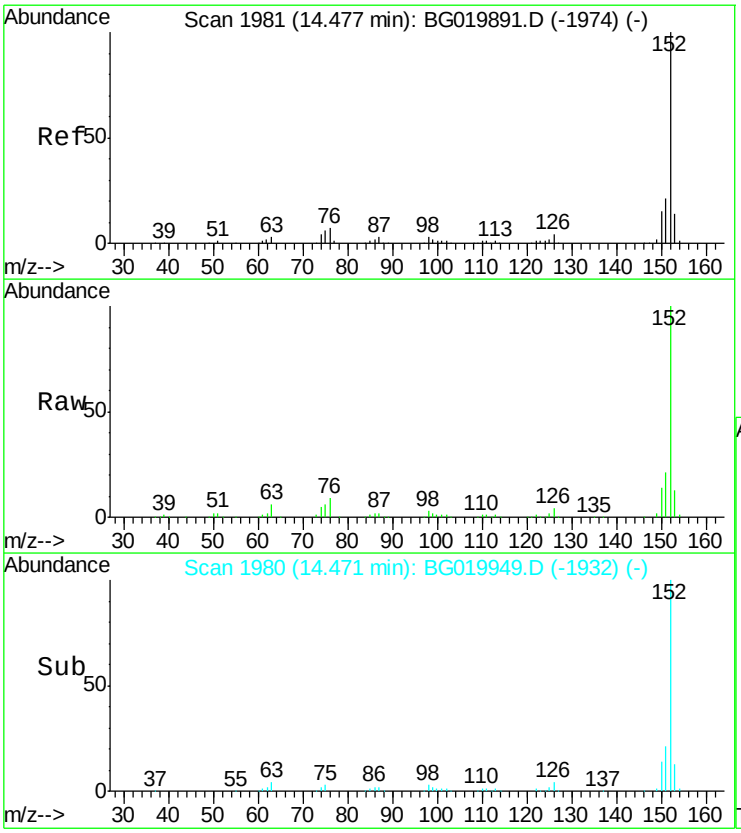
#47
2-Nitroaniline
Concen: 45.34 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion: 65 Resp: 85438

Ion	Ratio	Lower	Upper
65	100		
92	65.3	54.8	82.2
138	90.2	89.6	134.4

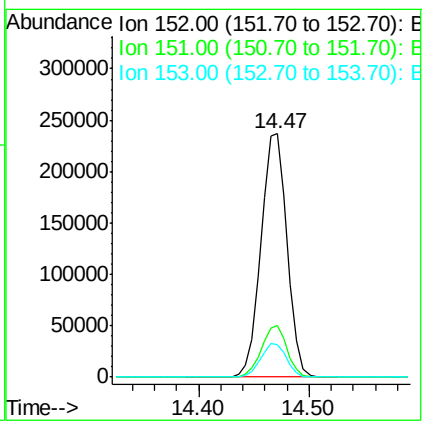


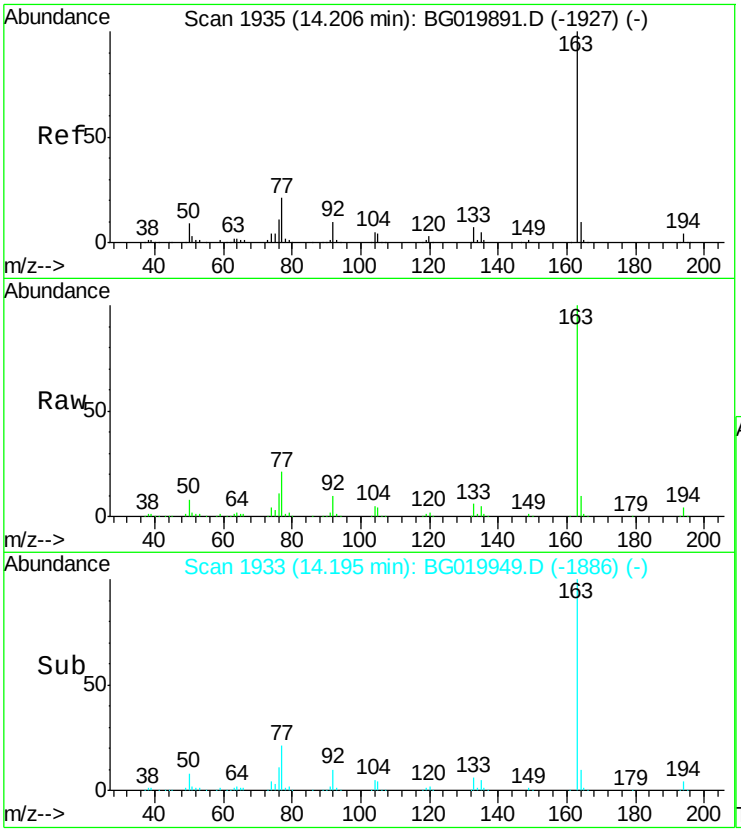


#48
Acenaphthylene
Concen: 38.53 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:152 Resp: 391561

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.2	10.4	15.6



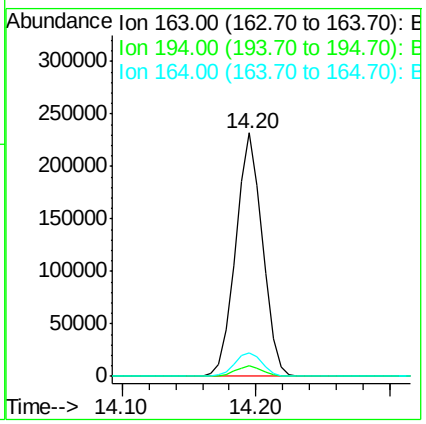


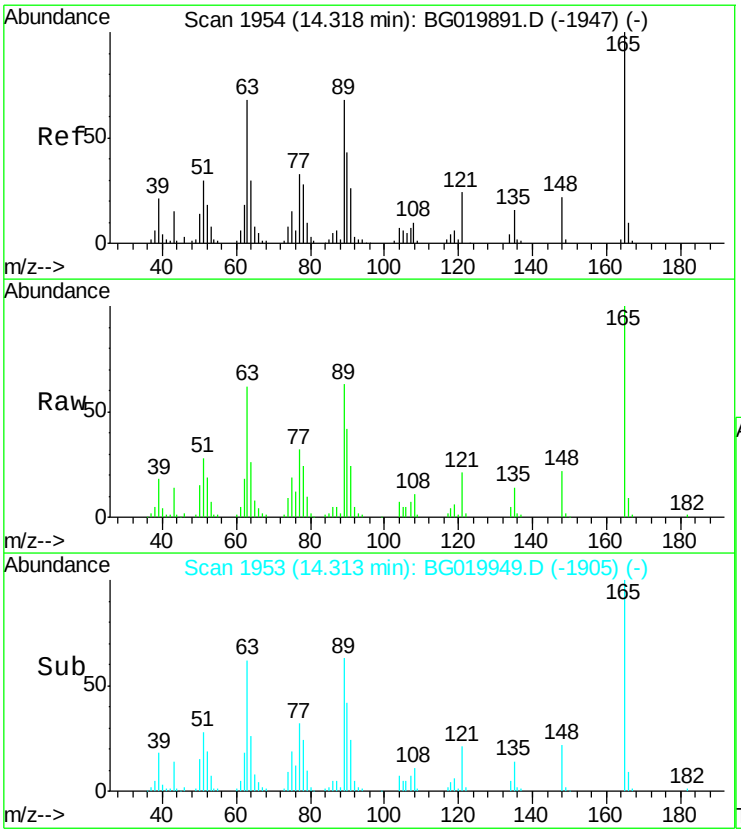
#49
Dimethylphthalate
Concen: 37.76 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:163 Resp: 320419

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.8	8.8	13.2

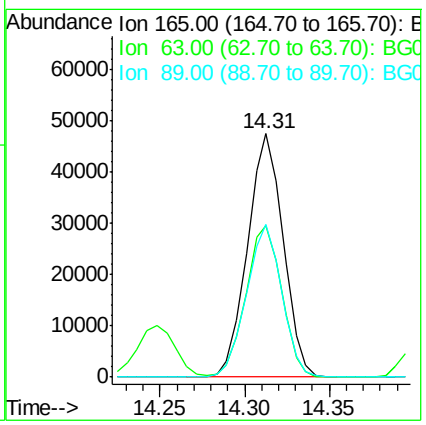


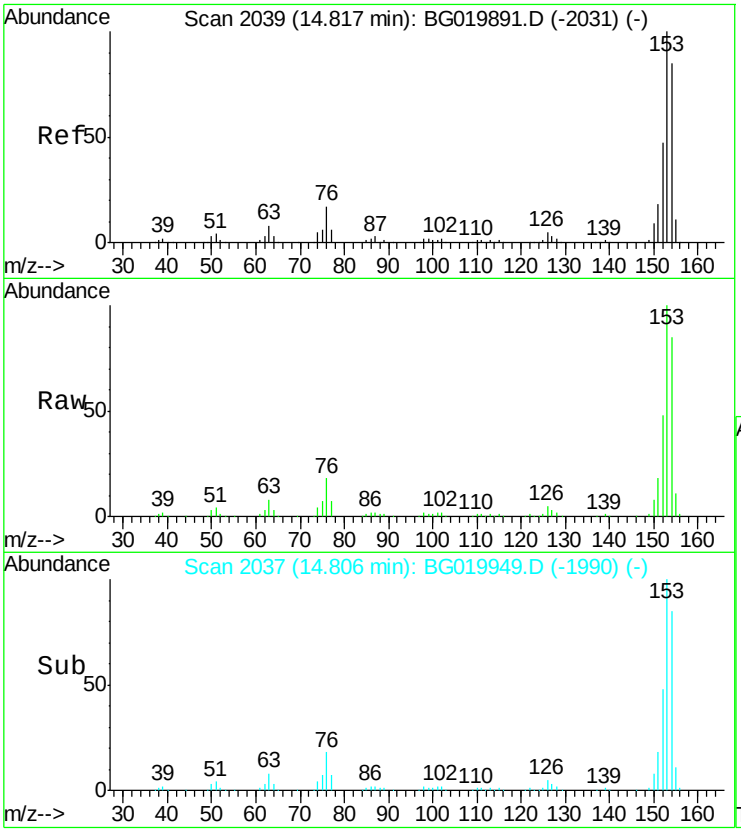


#50
2,6-Dinitrotoluene
Concen: 43.72 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:165 Resp: 69741

Ion	Ratio	Lower	Upper
165	100		
63	62.3	35.7	53.5#
89	62.6	39.7	59.5#



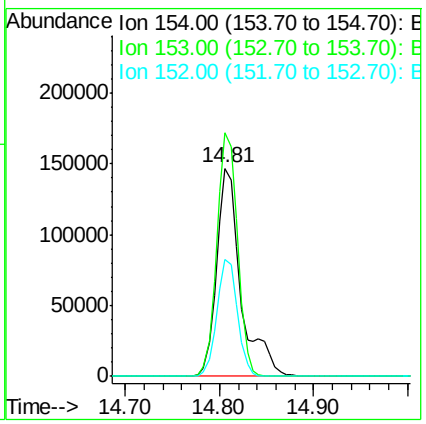


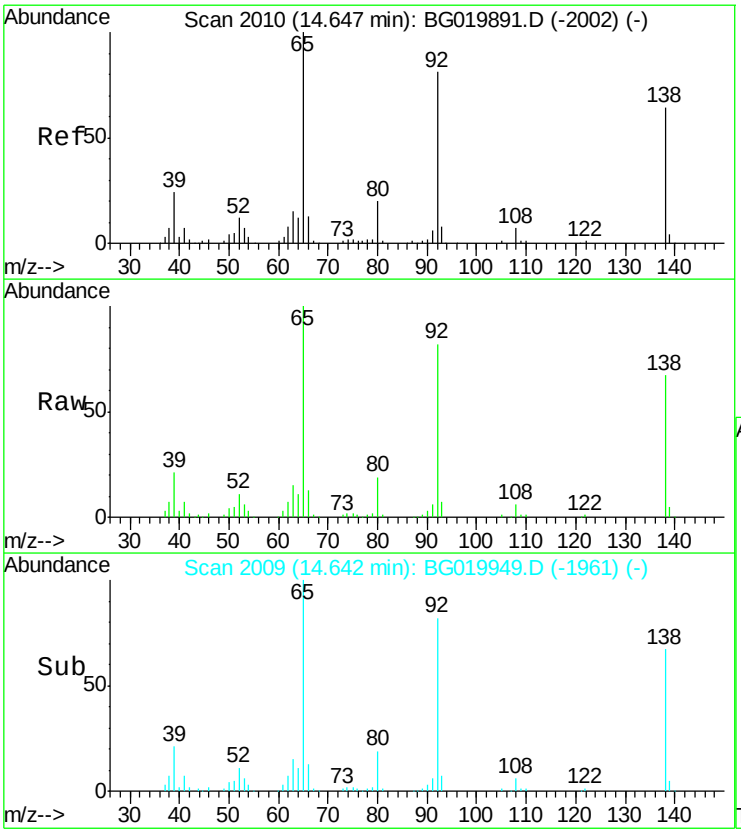
#51
Acenaphthene
Concen: 43.24 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:154 Resp: 266659

Ion	Ratio	Lower	Upper
154	100		
153	117.1	92.9	139.3
152	56.3	45.8	68.8

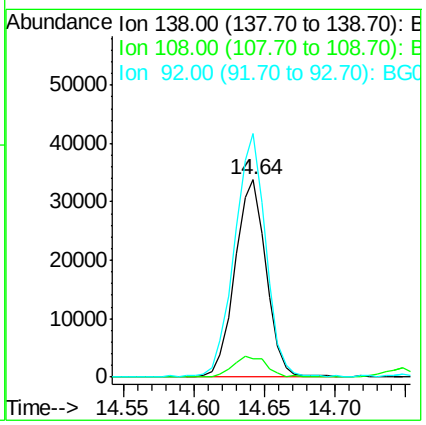


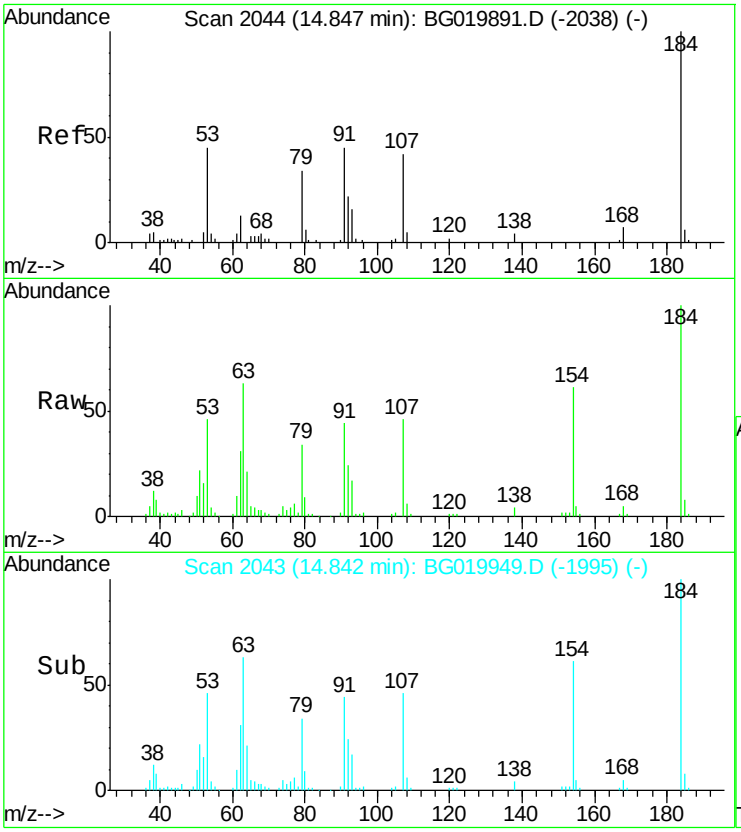


#52
3-Nitroaniline
Concen: 31.33 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:138 Resp: 51930

Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.9	11.9
92	123.4	94.2	141.4



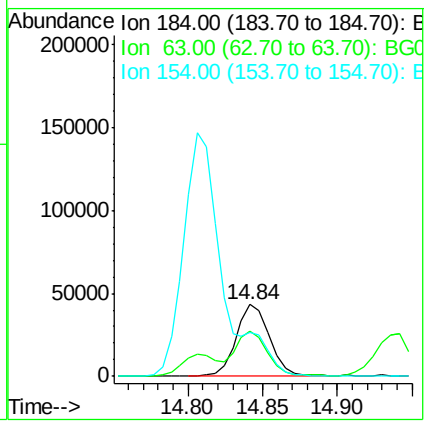


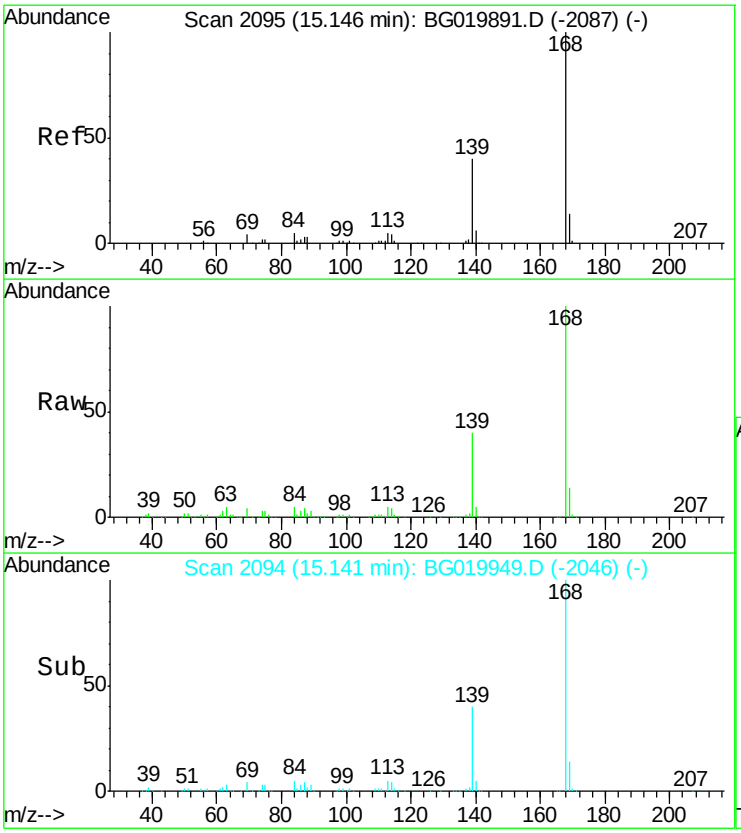
#53
2,4-Dinitrophenol
Concen: 80.24 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:184 Resp: 68145

Ion	Ratio	Lower	Upper
184	100		
63	63.1	42.7	64.1
154	61.5	44.3	66.5

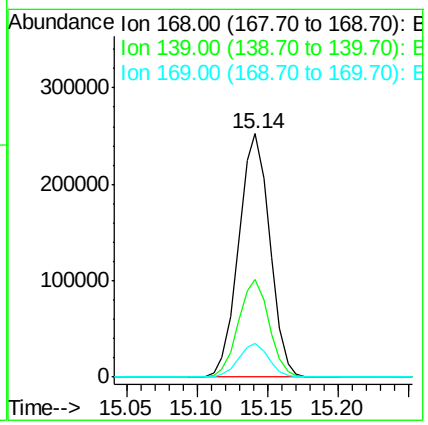


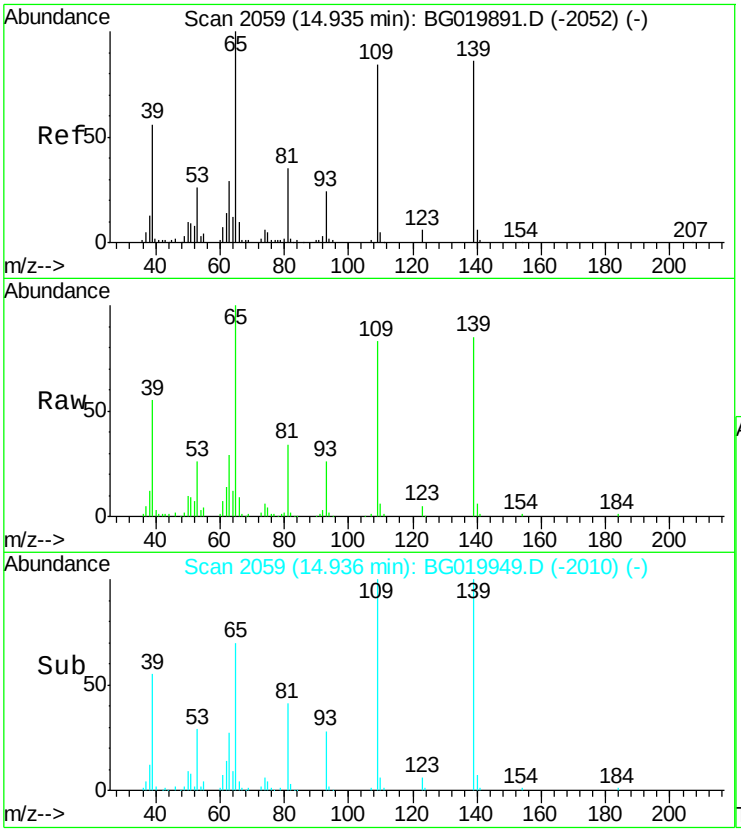


#54
Dibenzofuran
Concen: 42.27 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:168 Resp: 387768

Ion	Ratio	Lower	Upper
168	100		
139	40.0	27.4	41.0
169	13.6	11.0	16.4



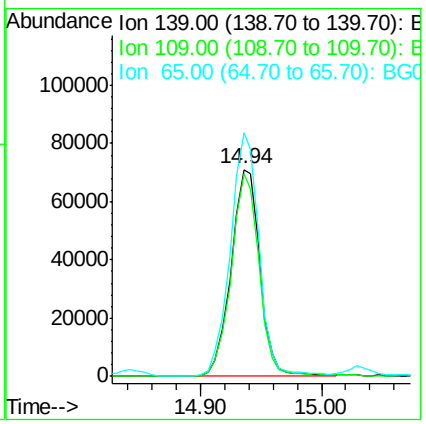


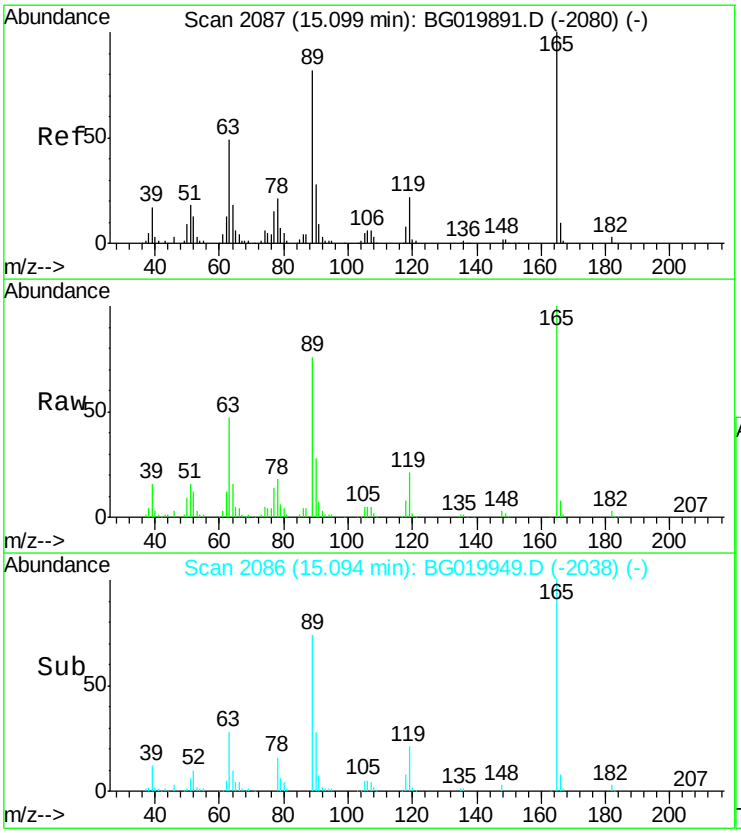
#55
4-Nitrophenol
Concen: 82.37 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:139 Resp: 118894

Ion	Ratio	Lower	Upper
139	100		
109	98.3	43.2	83.2#
65	117.8	67.8	107.8#

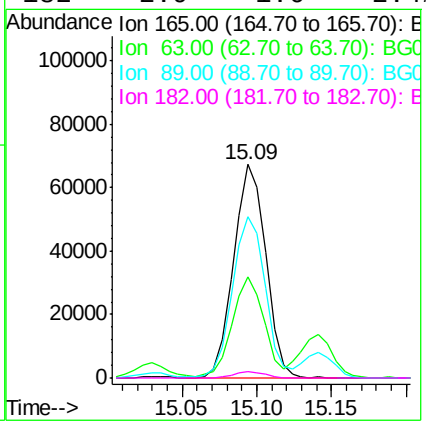


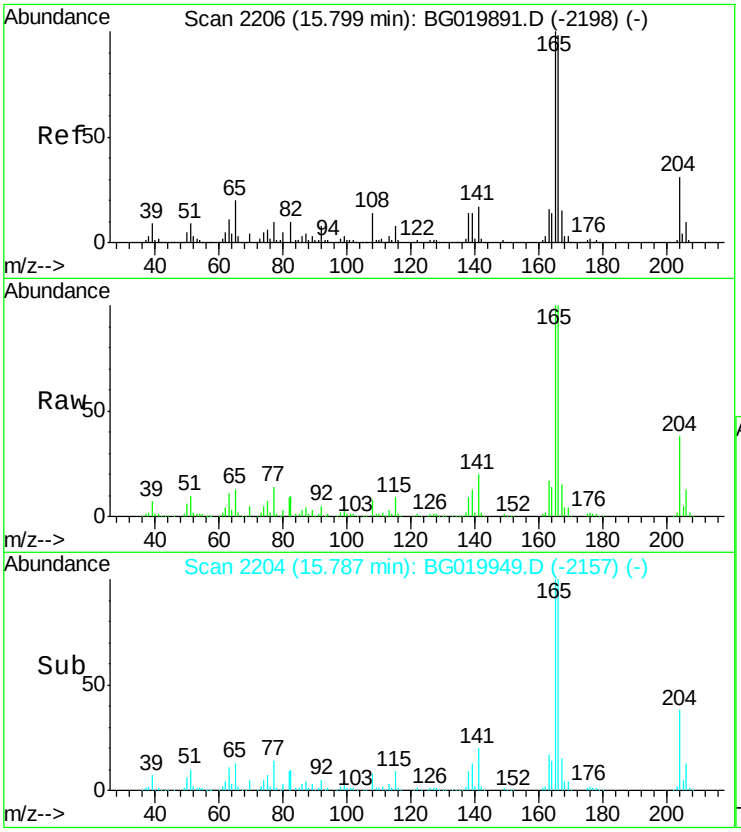


#56
2,4-Dinitrotoluene
Concen: 45.38 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:165 Resp: 101007

Ion	Ratio	Lower	Upper
165	100		
63	47.4	31.0	46.4#
89	75.7	54.4	81.6
182	2.9	1.6	2.4#



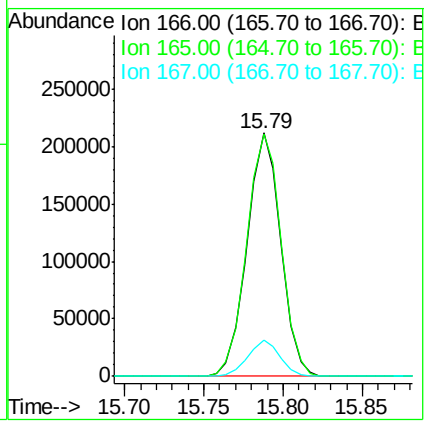


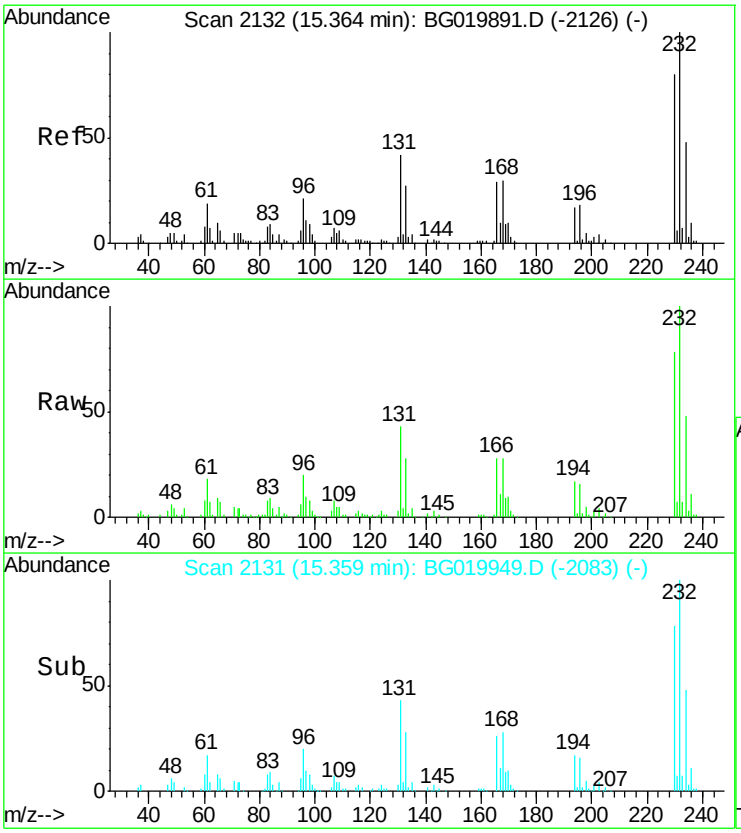
#57
Fluorene
Concen: 37.94 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:166 Resp: 311529

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.0	120.0
167	14.7	11.1	16.7

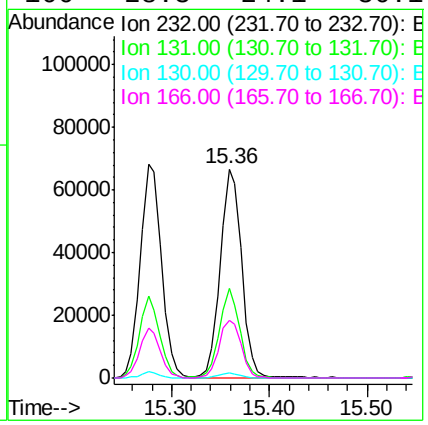


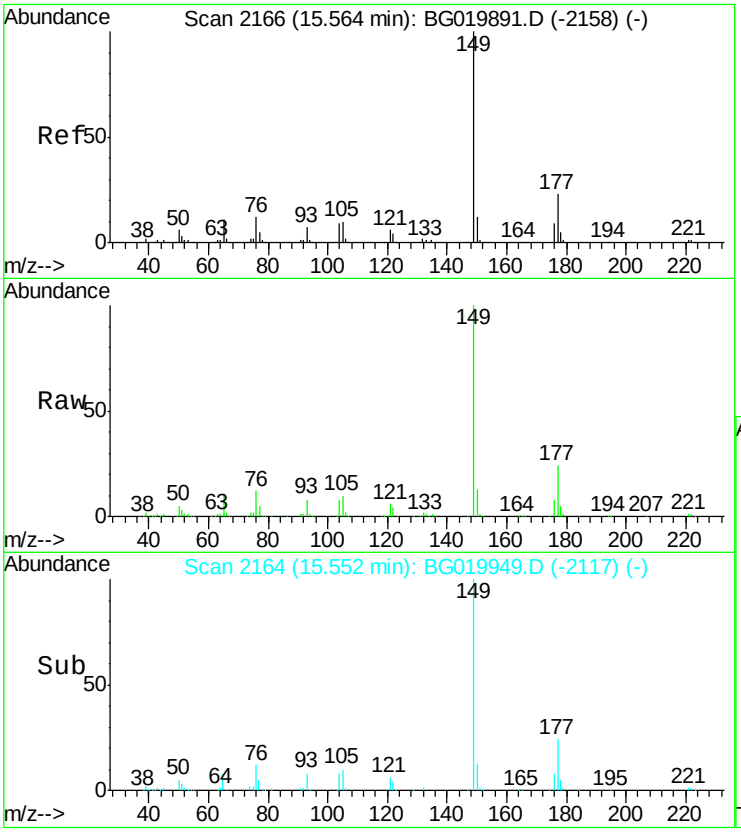


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.93 ng
RT: 15.36 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:232 Resp: 101839

Ion	Ratio	Lower	Upper
232	100		
131	40.1	33.0	49.6
130	2.2	2.0	3.0
166	28.3	24.1	36.1



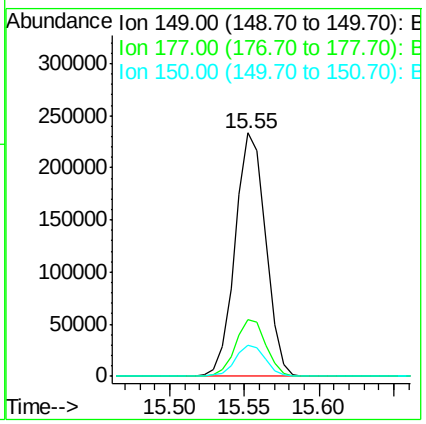


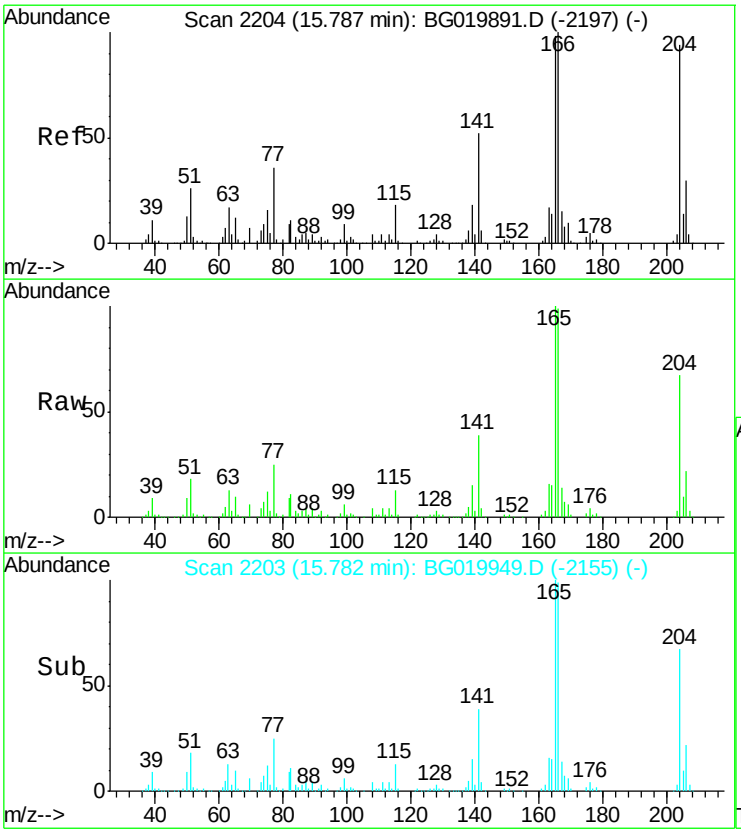
#59
Diethylphthalate
Concen: 36.04 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:149 Resp: 330991

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.6	29.4
150	12.8	10.2	15.2

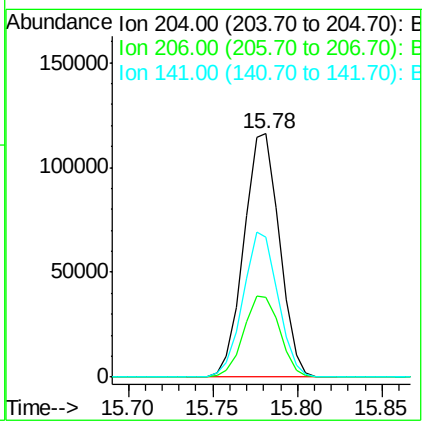


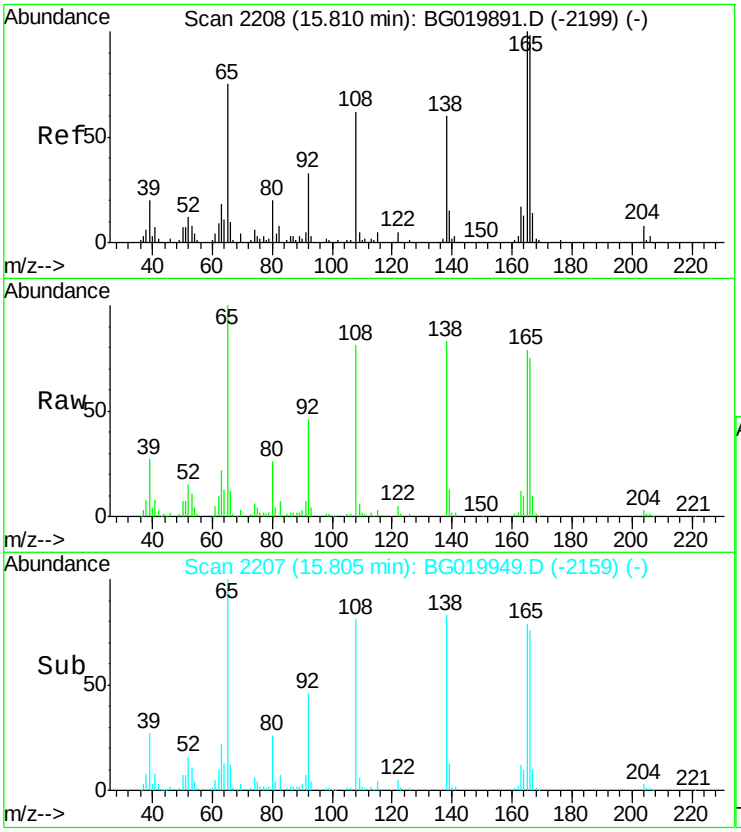


#60
4-Chlorophenyl-phenylether
Concen: 36.20 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:204 Resp: 170699

Ion	Ratio	Lower	Upper
204	100		
206	32.7	28.3	42.5
141	57.3	44.0	66.0



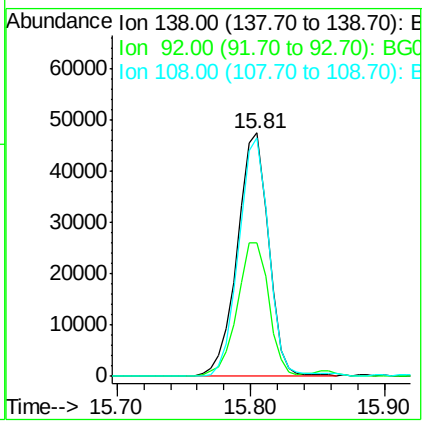


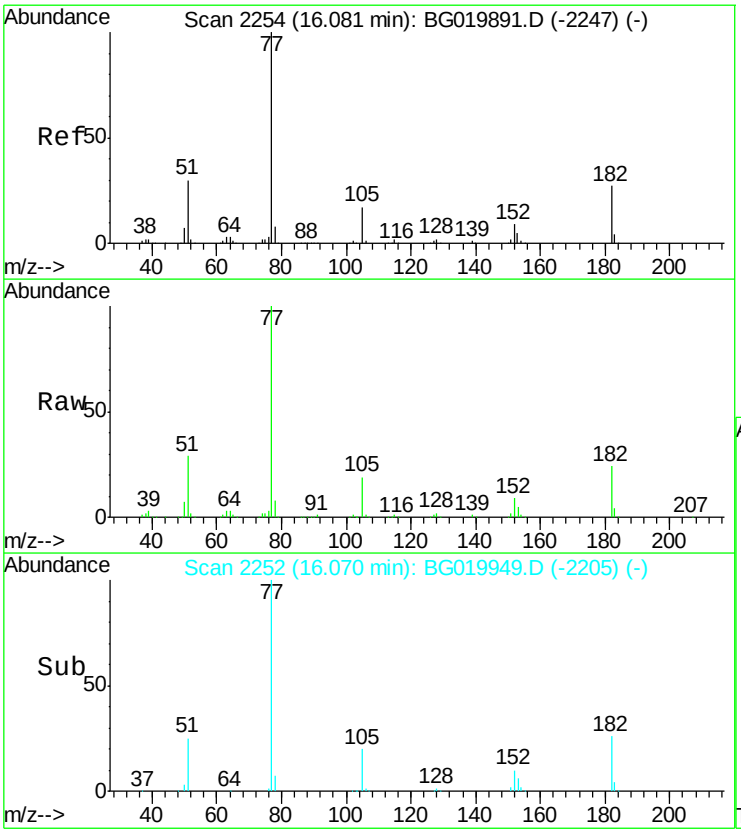
#61
4-Nitroaniline
Concen: 41.32 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:138 Resp: 77023

Ion	Ratio	Lower	Upper
138	100		
92	55.1	29.1	69.1
108	98.0	49.8	89.8#

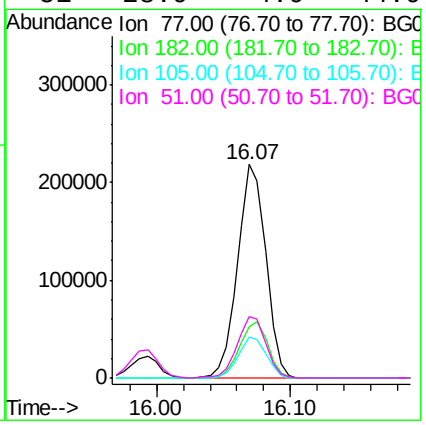


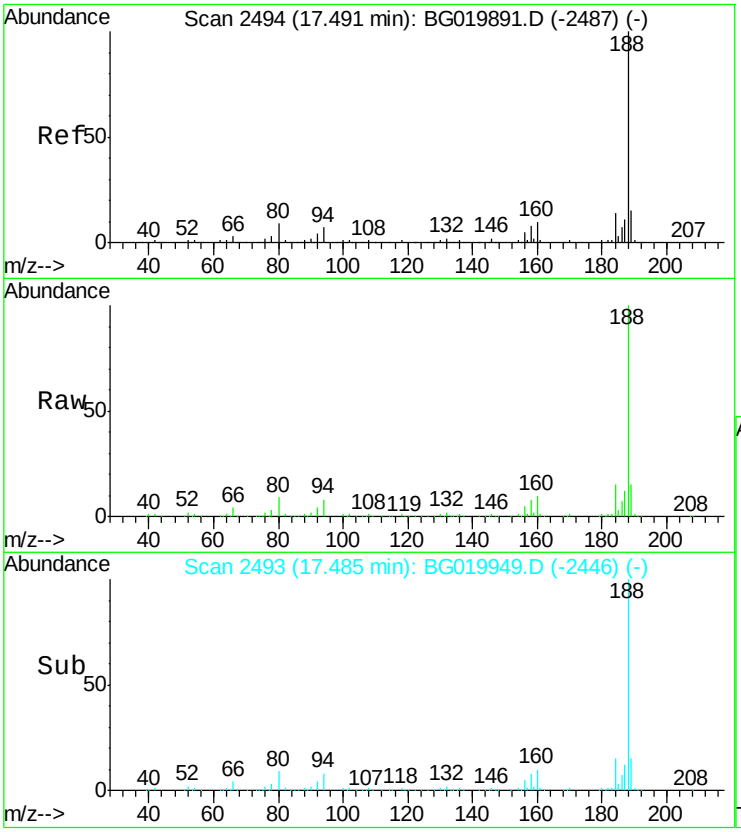


#62
Azobenzene
Concen: 41.79 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion: 77 Resp: 319287

Ion	Ratio	Lower	Upper
77	100		
182	24.2	7.0	47.0
105	18.9	1.4	41.4
51	28.9	4.9	44.9



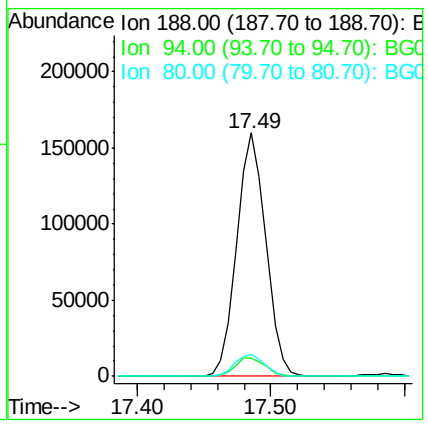


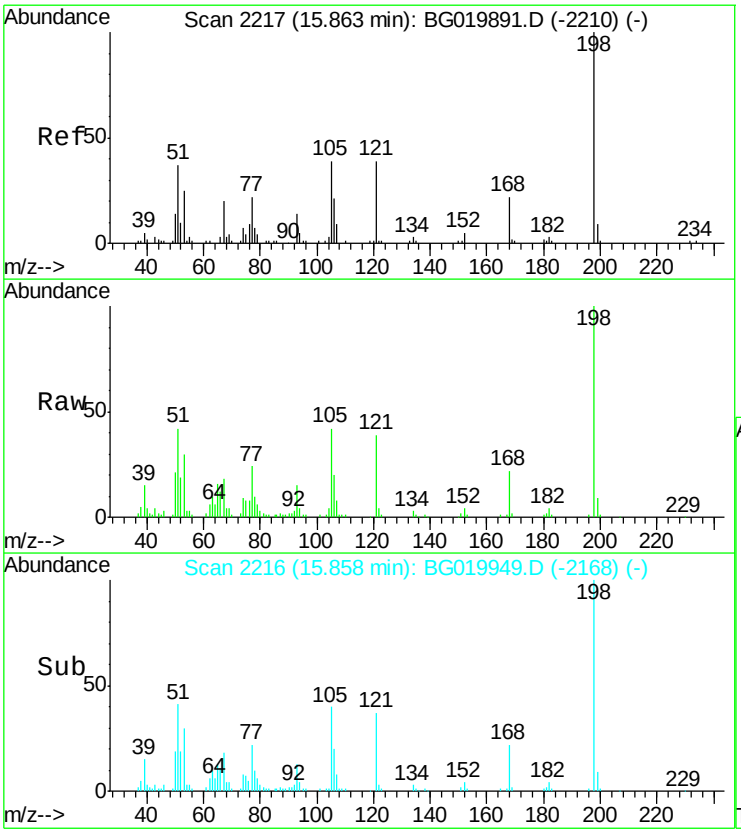
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:188 Resp: 240414

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.9	7.8	11.8

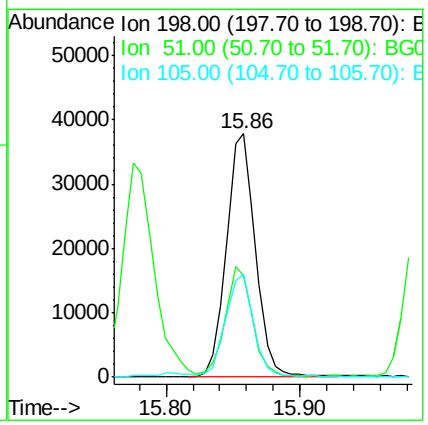


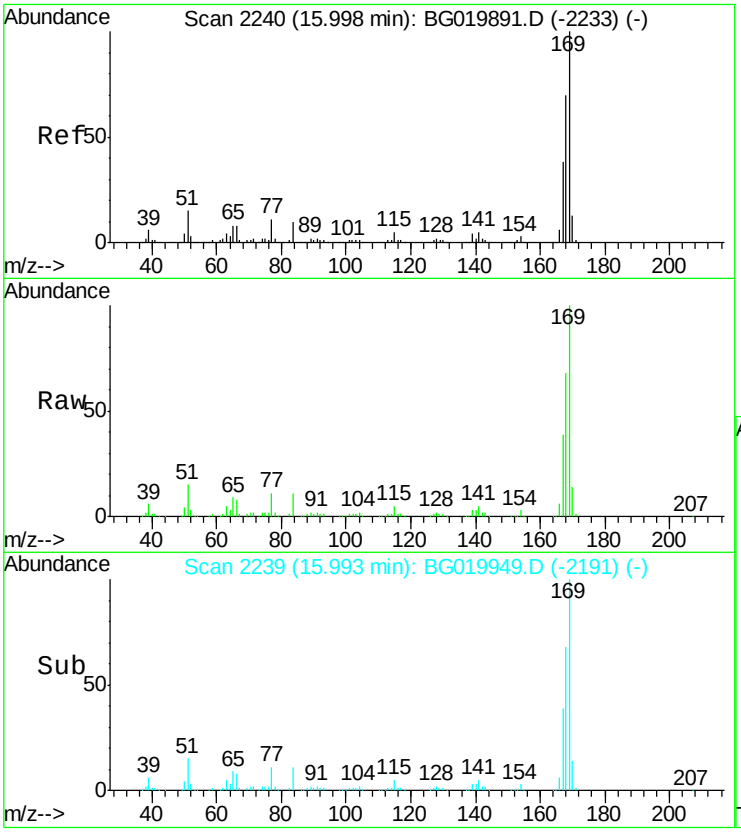


#64
4,6-Dinitro-2-methylphenol
Concen: 43.31 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:198 Resp: 57567

Ion	Ratio	Lower	Upper
198	100		
51	41.5	14.2	54.2
105	42.4	21.1	61.1



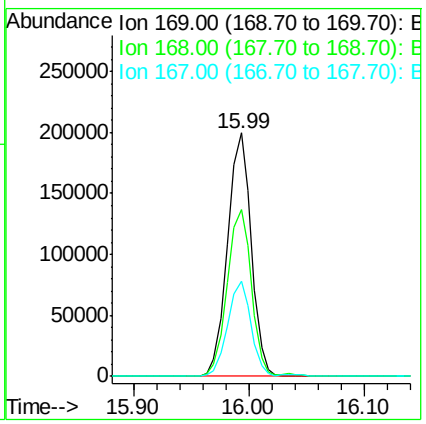


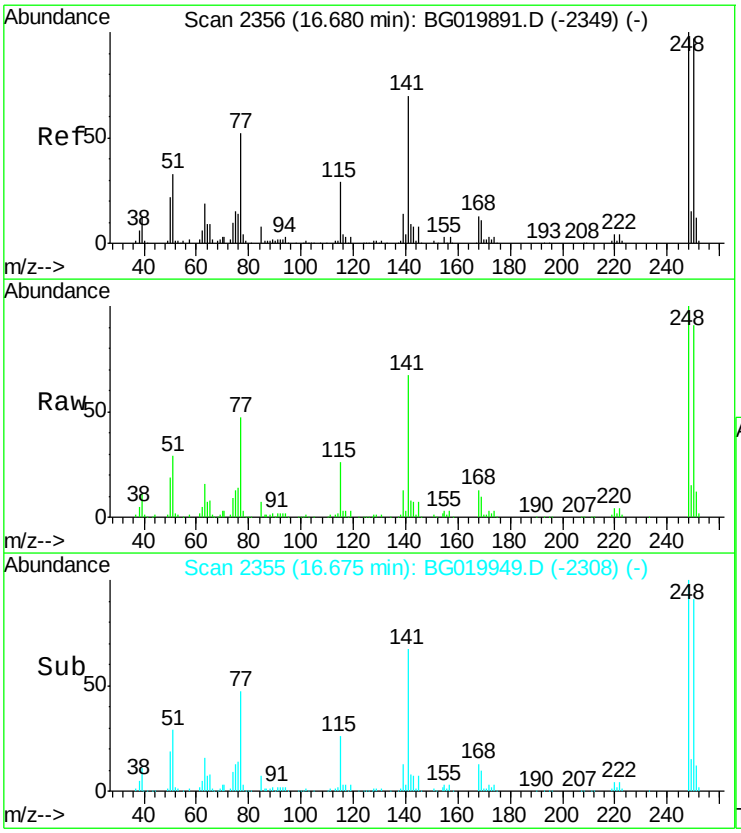
#65
n-Nitrosodiphenylamine
Concen: 40.68 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:169 Resp: 282994

Ion	Ratio	Lower	Upper
169	100		
168	68.4	58.2	87.2
167	39.2	32.7	49.1

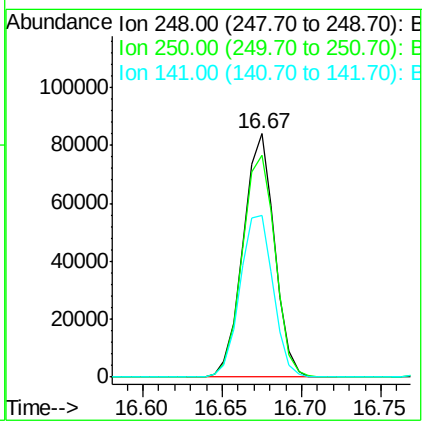


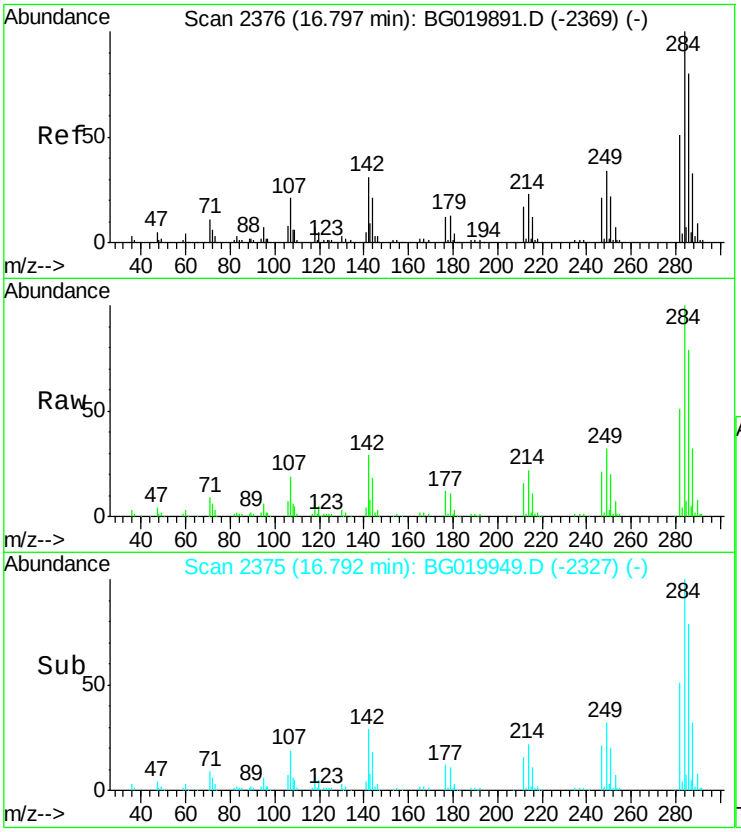


#66
4-Bromophenyl-phenylether
Concen: 38.60 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:248 Resp: 115307

Ion	Ratio	Lower	Upper
248	100		
250	90.9	77.8	116.8
141	66.6	50.4	75.6



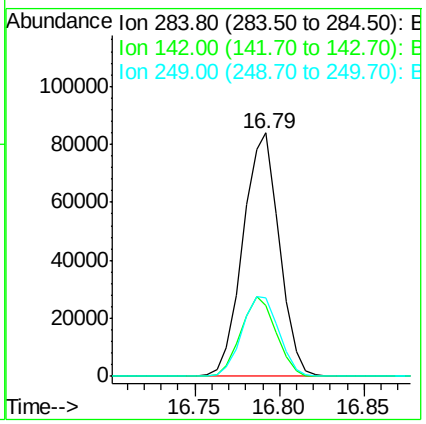


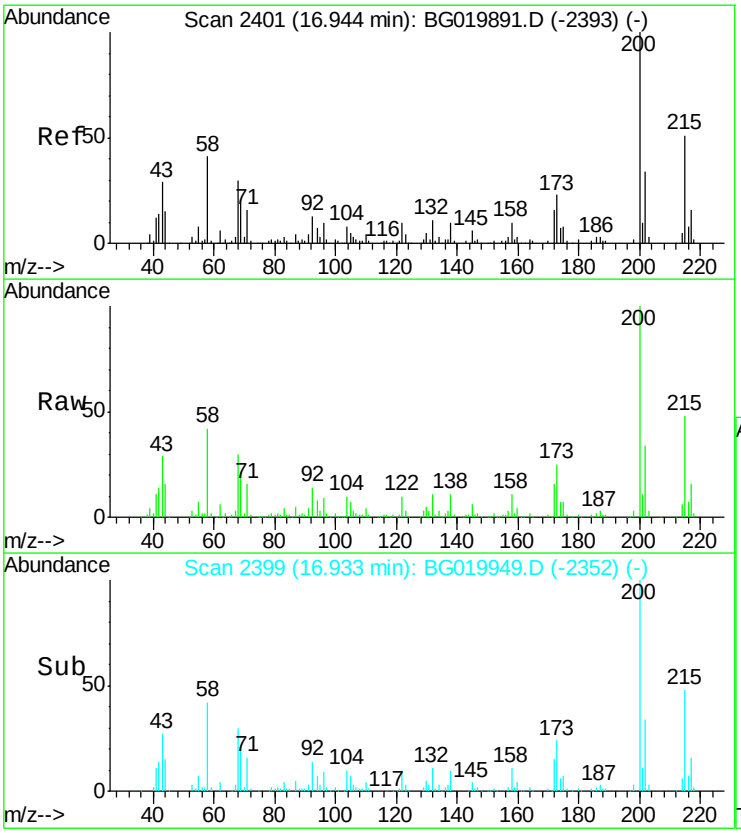
#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:284 Resp: 125071

Ion	Ratio	Lower	Upper
284	100		
142	29.1	26.6	39.8
249	32.3	26.2	39.2

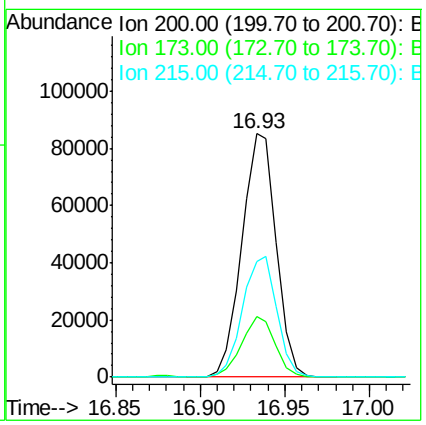


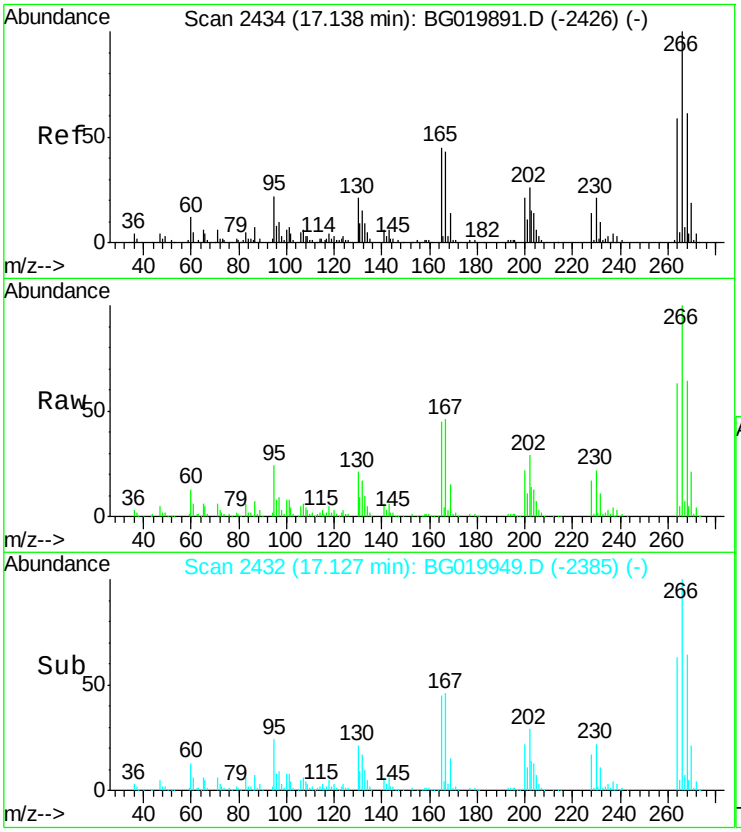


#68
Atrazine
Concen: 39.71 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:200 Resp: 120038

Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.2	45.2
215	47.6	27.0	67.0



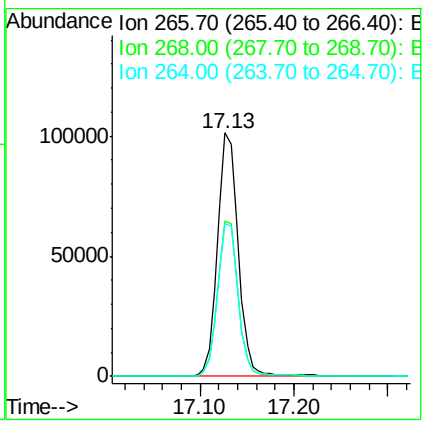


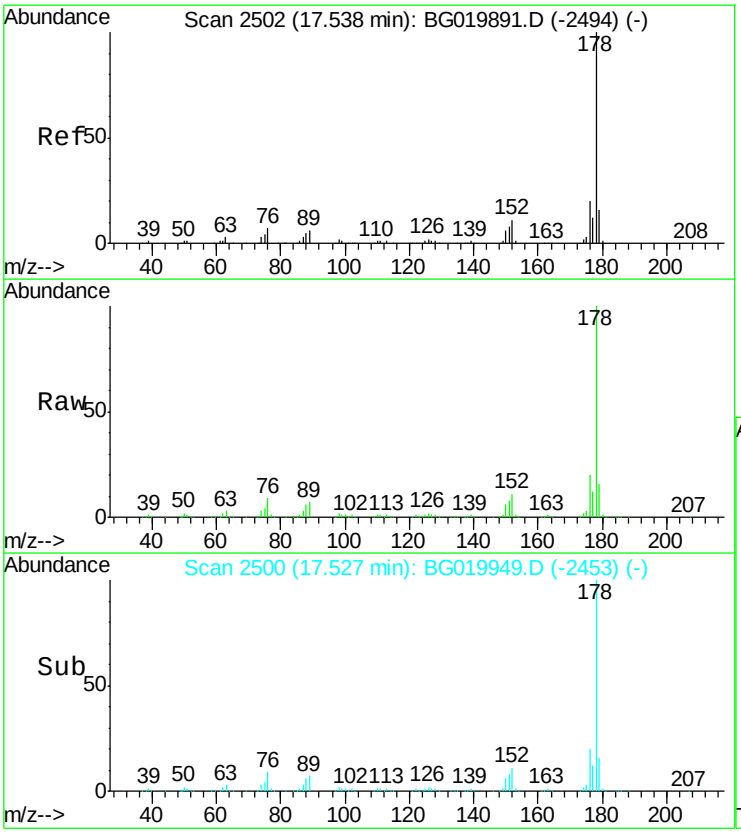
#69
Pentachlorophenol
Concen: 86.62 ng
RT: 17.13 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:266 Resp: 157327

Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.6	71.4
264	62.8	48.1	72.1

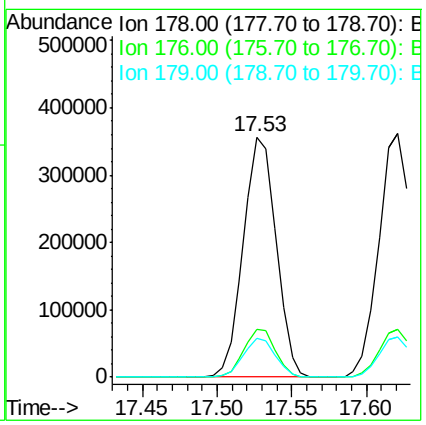


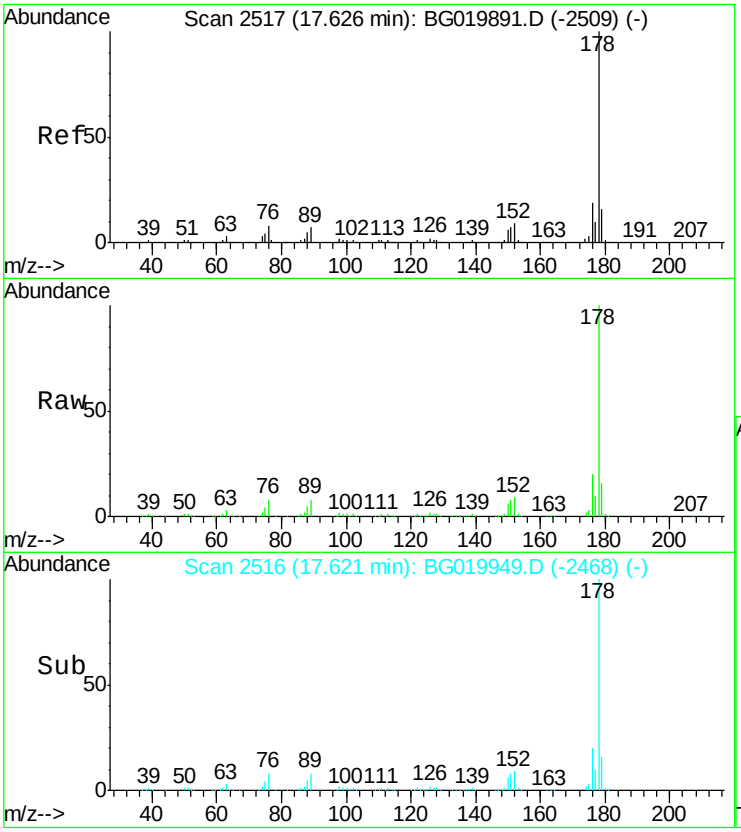


#70
Phenanthrene
Concen: 39.81 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:178 Resp: 541542

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.7	25.1
179	15.9	13.9	20.9



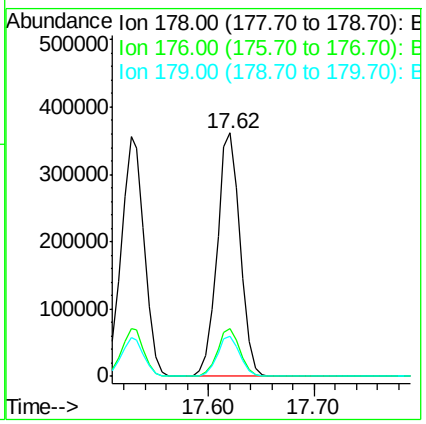


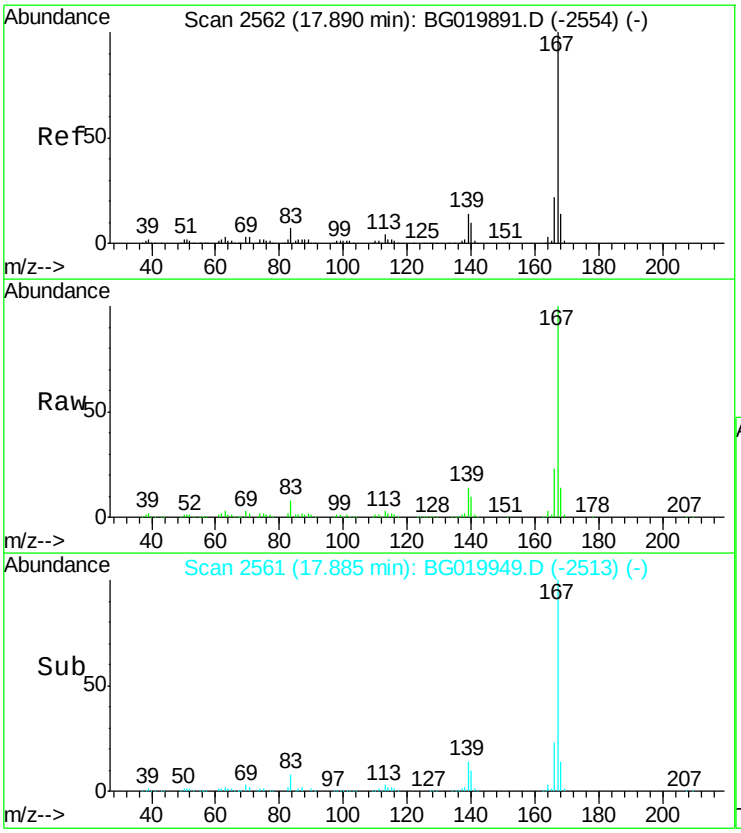
#71
Anthracene
Concen: 39.31 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:178 Resp: 544588

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.8	25.2
179	16.4	13.9	20.9

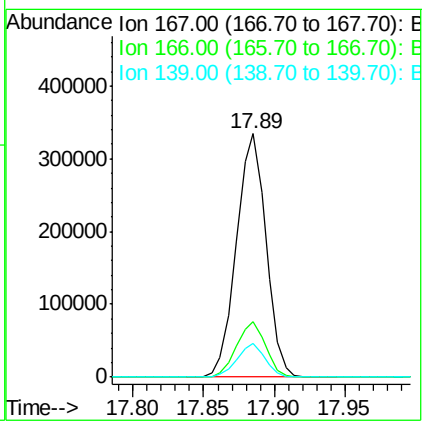


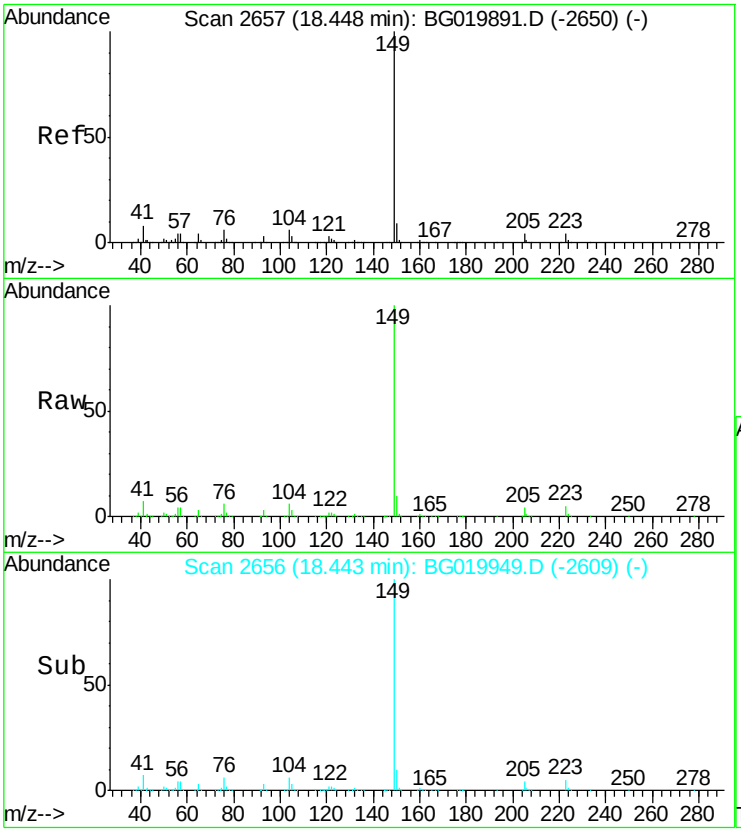


#72
Carbazole
Concen: 40.16 ng
RT: 17.89 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:167 Resp: 490216

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.6
139	14.0	10.2	15.4



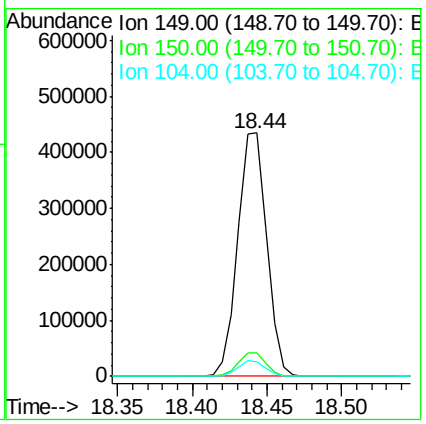


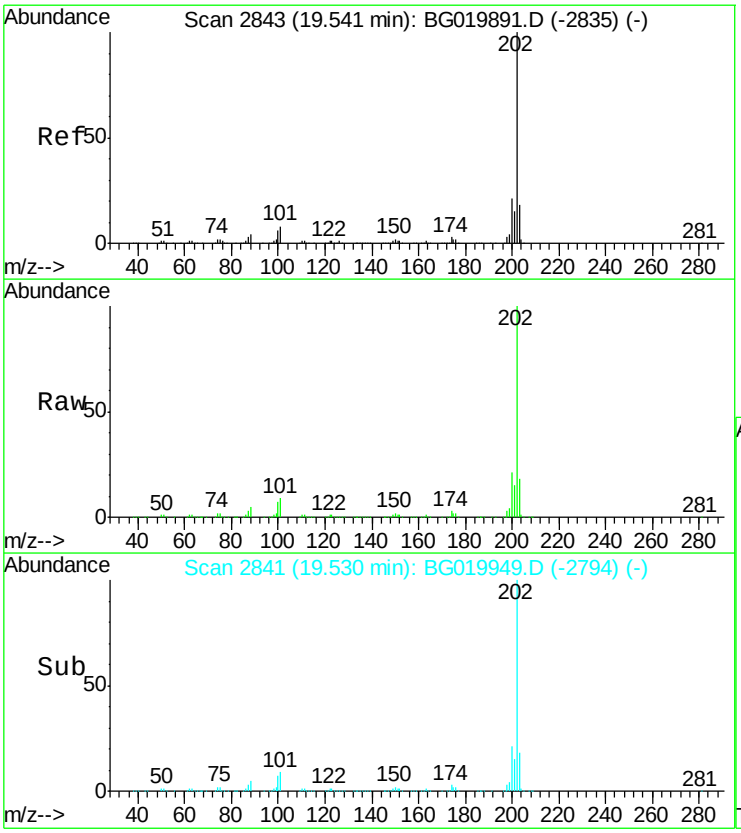
#73
Di-n-butylphthalate
Concen: 39.23 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:149 Resp: 586953

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.4
104	5.8	4.4	6.6

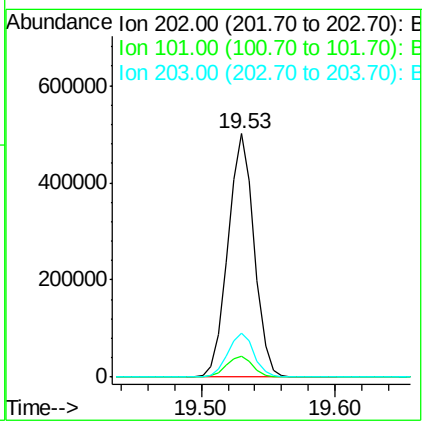


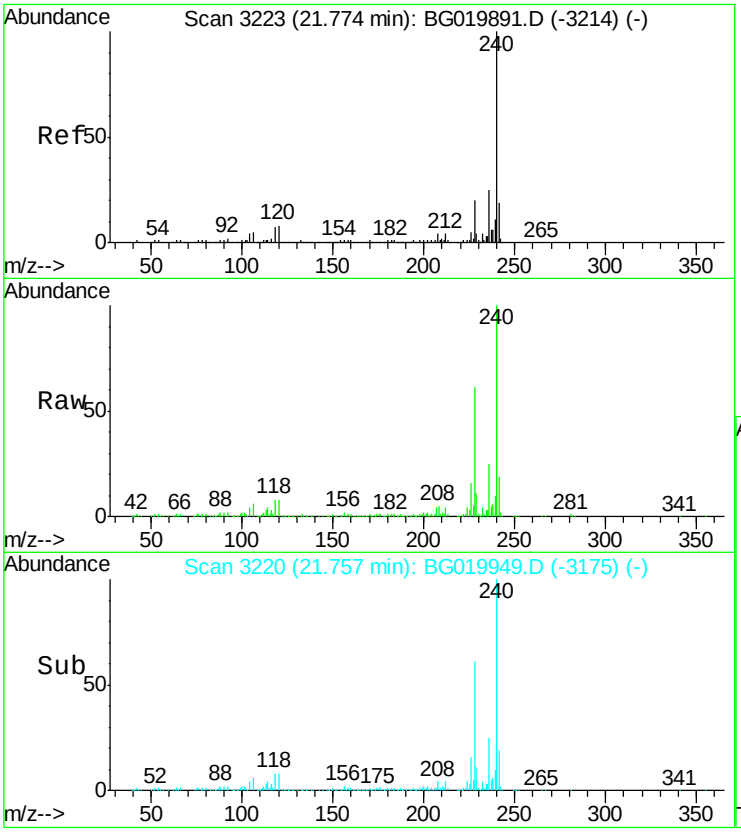


#74
Fluoranthene
Concen: 39.34 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:202 Resp: 684490

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	32.4
203	18.0	0.0	39.5



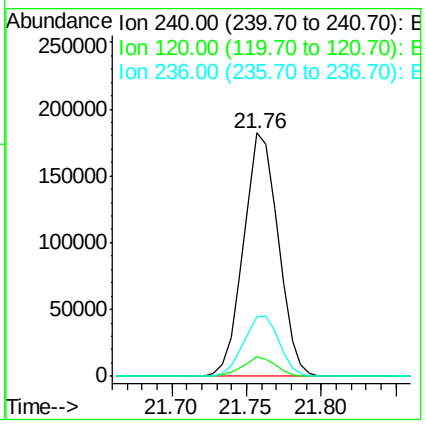


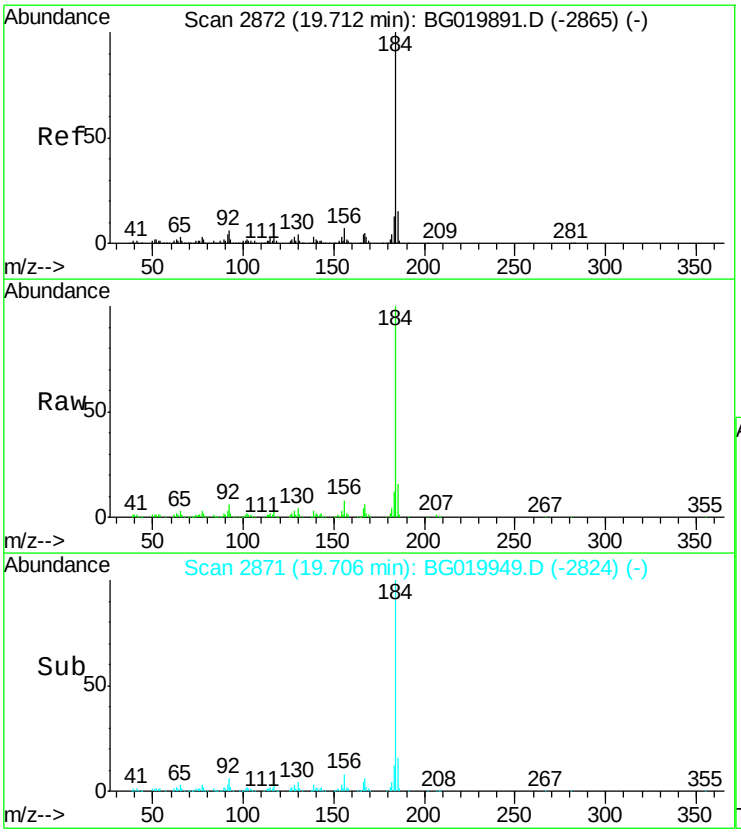
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:240 Resp: 292015

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.4	11.0
236	24.6	20.7	31.1

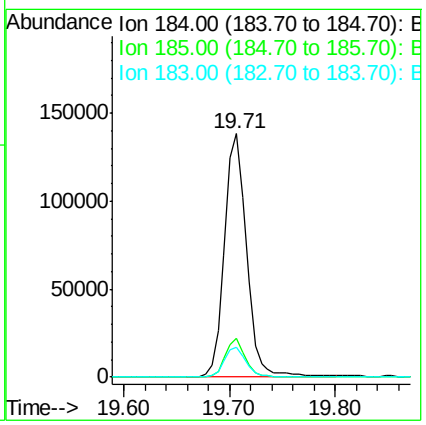


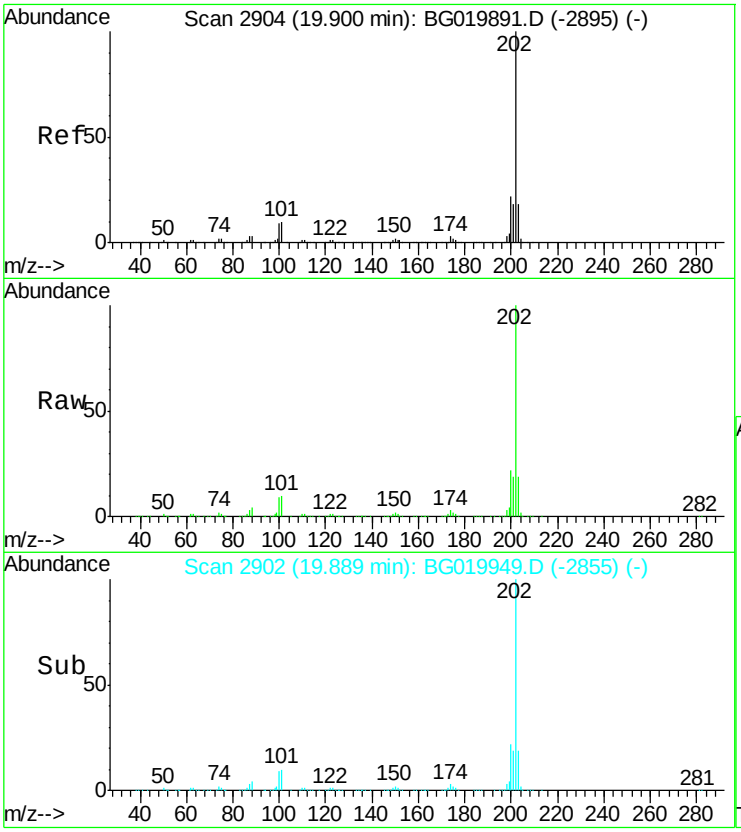


#76
Benzidine
Concen: 20.93 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:184 Resp: 200768

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.2
183	12.1	10.1	15.1



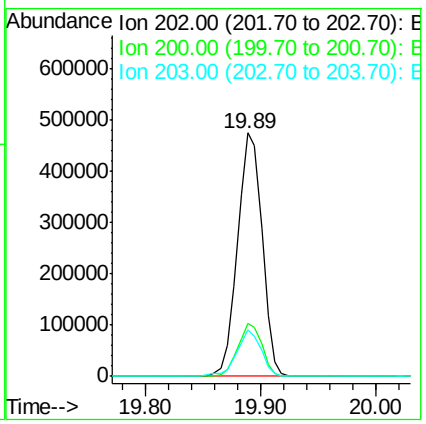


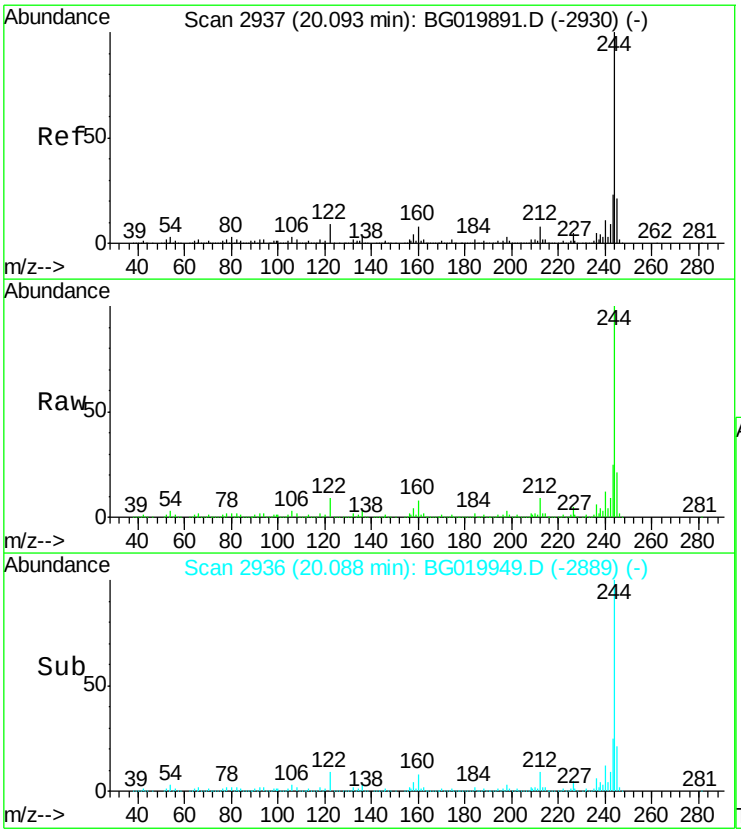
#77
Pyrene
Concen: 40.79 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:202 Resp: 700679

Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.4	29.0
203	18.9	15.5	23.3

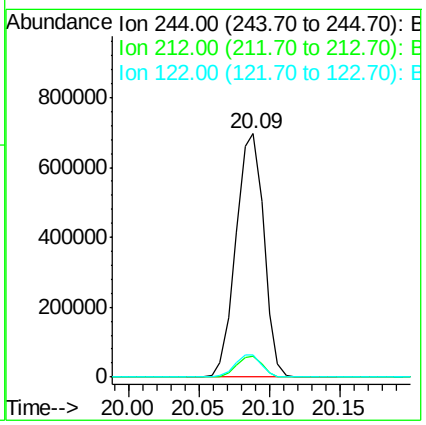


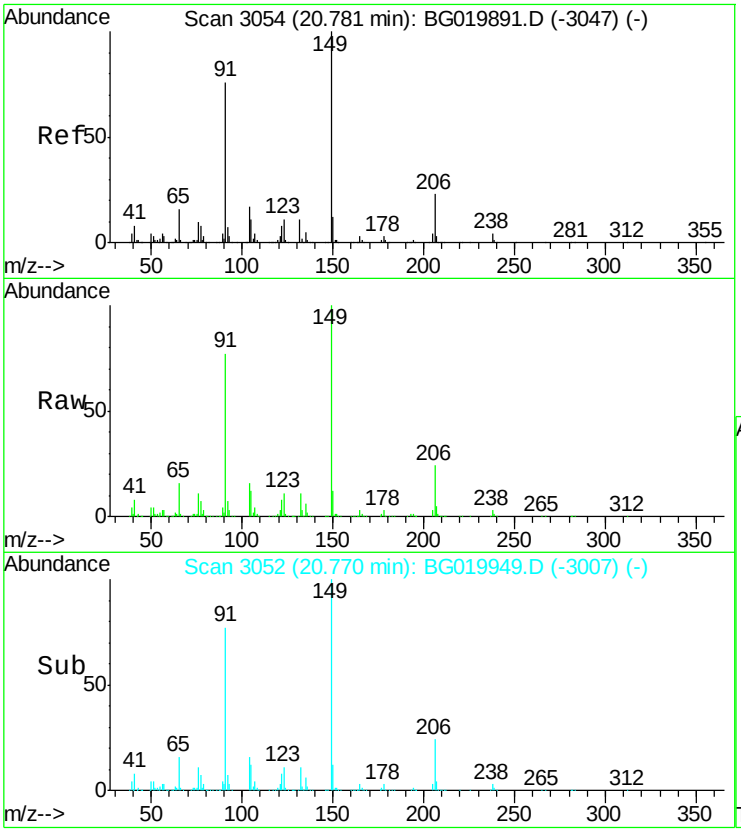


#78
Terphenyl-d14
Concen: 80.07 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:244 Resp: 958537

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.2	10.2	15.2#



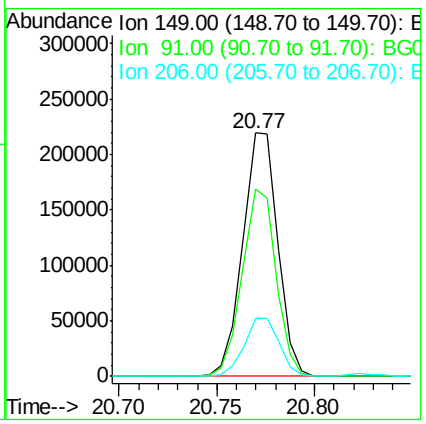


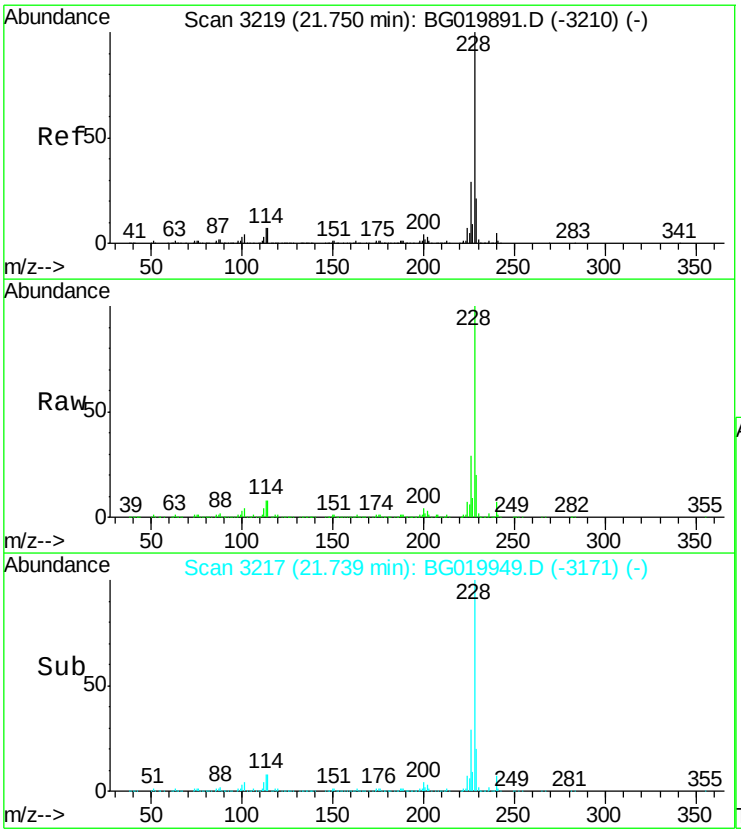
#79
Butylbenzylphthalate
Concen: 40.55 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Instrument :
BNA_G
ClientSampleId :
PB86943BS

Tgt Ion:149 Resp: 273024

Ion	Ratio	Lower	Upper
149	100		
91	77.0	58.1	87.1
206	23.8	17.8	26.8





#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019949.D
Acq: 5 Dec 2015 19:35

Tgt Ion:228 Resp: 706402

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.5	16.6	25.0