Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021015.D
Acq On : 20 Feb 2016 19:11
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 21 22:55:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	28436	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	148090	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	84314	20.00	ng		0.00
63) Phenanthrene-d10	17.61	188	160009	20.00	ng		0.00
75) Chrysene-d12	21.89	240	143802	20.00	ng		-0.02
86) Perylene-d12	25.26	264	139002	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	129609	76.76	ng		0.00
7) Phenol-d6	7.41	99	199334	80.77	ng		0.00
23) Nitrobenzene-d5	9.44	82	171772	76.27	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	70052	84.49	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	489204	81.50	ng		0.00
78) Terphenyl-d14	20.19	244	516322	83.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	21023	34.24	ng		97
3) Pyridine	4.05	79	66109	36.40	ng		99
4) n-Nitrosodimethylamine	3.96	42	17086	35.96	ng		99
6) Aniline	7.58	93	119530	38.84	ng		98
8) 2-Chlorophenol	7.82	128	85127	40.36	ng		99
9) Benzaldehyde	7.39	77	45099	36.48	ng		97
10) Phenol	7.43	94	102890	39.39	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	79289	38.01	ng		98
12) 1,3-Dichlorobenzene	8.15	146	88672	39.76	ng		100
13) 1,4-Dichlorobenzene	8.30	146	91498	40.46	ng		98
14) 1,2-Dichlorobenzene	8.62	146	89559	40.71	ng		96
15) Benzyl Alcohol	8.50	79	60724	39.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	79730	36.64	ng		98
17) 2-Methylphenol	8.70	107	76306	40.55	ng		98
18) Hexachloroethane	9.36	117	31815	40.92	ng		97
19) n-Nitroso-di-n-propylamine	9.07	70	60921	38.26	ng		99
20) 3+4-Methylphenols	9.03	107	107336	40.94	ng		98
22) Acetophenone	9.09	105	135108	37.85	ng	#	98
24) Nitrobenzene	9.48	77	89584	38.16	ng		95
25) Isophorone	10.00	82	180450	38.01	ng		99
26) 2-Nitrophenol	10.19	139	53043	42.93	ng		95
27) 2,4-Dimethylphenol	10.24	122	90875	38.38	ng		99
28) bis(2-Chloroethoxy)methane	10.47	93	111813	38.22	ng		99
29) 2,4-Dichlorophenol	10.73	162	88977	41.93	ng		98
30) 1,2,4-Trichlorobenzene	10.94	180	89525	41.88	ng		99
31) Naphthalene	11.14	128	305416	39.87	ng		99
32) Benzoic acid	10.38	122	76423	40.24	ng		99
33) 4-Chloroaniline	11.24	127	131978	40.05	ng		98
34) Hexachlorobutadiene	11.41	225	45973	42.20	ng		99
35) Caprolactam	12.02	113	32268	39.69	ng		95
36) 4-Chloro-3-methylphenol	12.35	107	96990	39.89	ng		97
37) 2-Methylnaphthalene	12.72	142	219741	40.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	103382	41.80	ng		98
40) Hexachlorocyclopentadiene	13.06	237	30949	28.44	ng		93

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021015.D
Acq On : 20 Feb 2016 19:11
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 21 22:55:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	71609	43.10	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	73346	41.99	ng	98
45) 1,1'-Biphenyl	13.71	154	300544	40.41	ng	99
46) 2-Chloronaphthalene	13.76	162	217975	40.93	ng	100
47) 2-Nitroaniline	13.96	65	49986	39.20	ng	97
48) Acenaphthylene	14.60	152	372987	40.28	ng	100
49) Dimethylphthalate	14.32	163	264326	40.09	ng	99
50) 2,6-Dinitrotoluene	14.44	165	58057	41.09	ng	100
51) Acenaphthene	14.94	154	225905	40.24	ng	100
52) 3-Nitroaniline	14.78	138	65964	40.18	ng	97
53) 2,4-Dinitrophenol	14.98	184	18881	36.62	ng	88
54) Dibenzofuran	15.27	168	297816	40.10	ng	99
55) 4-Nitrophenol	15.07	139	50529	40.76	ng	98
56) 2,4-Dinitrotoluene	15.22	165	76860	42.09	ng	98
57) Fluorene	15.92	166	271109	39.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	54545	40.98	ng	99
59) Diethylphthalate	15.67	149	266426	39.31	ng	98
60) 4-Chlorophenyl-phenylether	15.90	204	121533	40.01	ng	96
61) 4-Nitroaniline	15.93	138	64832	39.34	ng	97
62) Azobenzene	16.19	77	198864	37.32	ng	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	31410	39.70	ng	93
65) n-Nitrosodiphenylamine	16.11	169	216928	41.96	ng	97
66) 4-Bromophenyl-phenylether	16.79	248	71748	42.46	ng	98
67) Hexachlorobenzene	16.92	284	76424	42.50	ng	96
68) Atrazine	17.05	200	64995	41.43	ng	99
69) Pentachlorophenol	17.26	266	44107	42.78	ng	96
70) Phenanthrene	17.66	178	367446	40.33	ng	99
71) Anthracene	17.74	178	374000	40.45	ng	99
72) Carbazole	18.01	167	336651	40.57	ng	99
73) Di-n-butylphthalate	18.54	149	432819	40.68	ng	99
74) Fluoranthene	19.64	202	394261	40.06	ng	98
76) Benzidine	19.81	184	174213	37.46	ng	98
77) Pyrene	20.01	202	395935	41.74	ng	99
79) Butylbenzylphthalate	20.87	149	188439	41.49	ng	98
80) Benzo(a)anthracene	21.87	228	347793	40.51	ng	98
81) 3,3'-Dichlorobenzidine	21.78	252	130831	41.06	ng	99
82) Chrysene	21.94	228	328628	40.71	ng	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	275839	40.97	ng	99
84) Di-n-octyl phthalate	23.01	149	458855	41.52	ng	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	390643	42.07	ng	99
87) Benzo(b)fluoranthene	24.19	252	340835	40.07	ng	98
88) Benzo(k)fluoranthene	24.26	252	331553	39.78	ng	99
89) Benzo(a)pyrene	25.10	252	327552	40.41	ng	100
90) Dibenzo(a,h)anthracene	29.21	278	322404	40.90	ng	99
91) Benzo(g,h,i)perylene	30.36	276	309639	39.58	ng	98

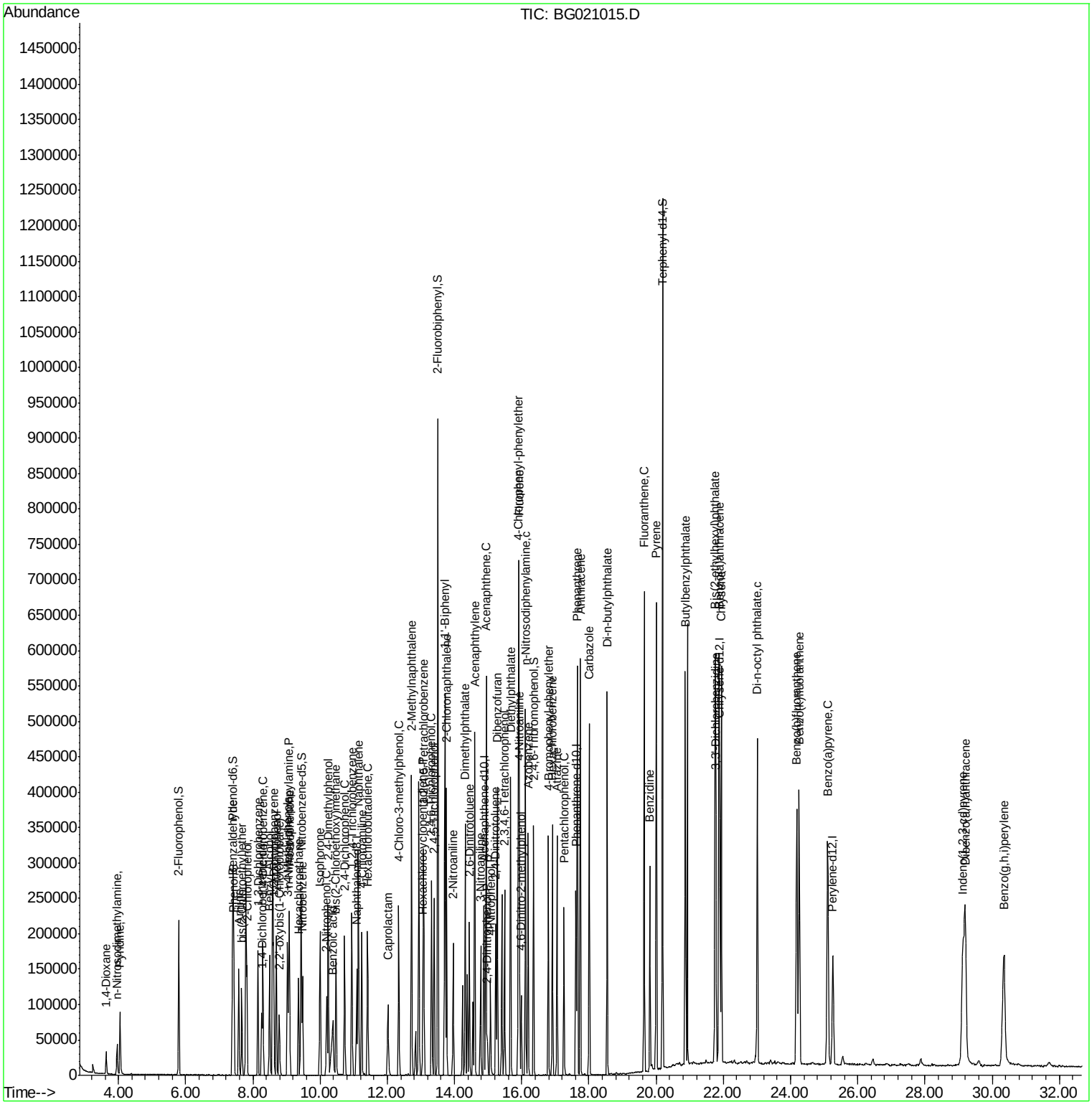
(#) = qualifier out of range (m) = manual integration (+) = signals summed

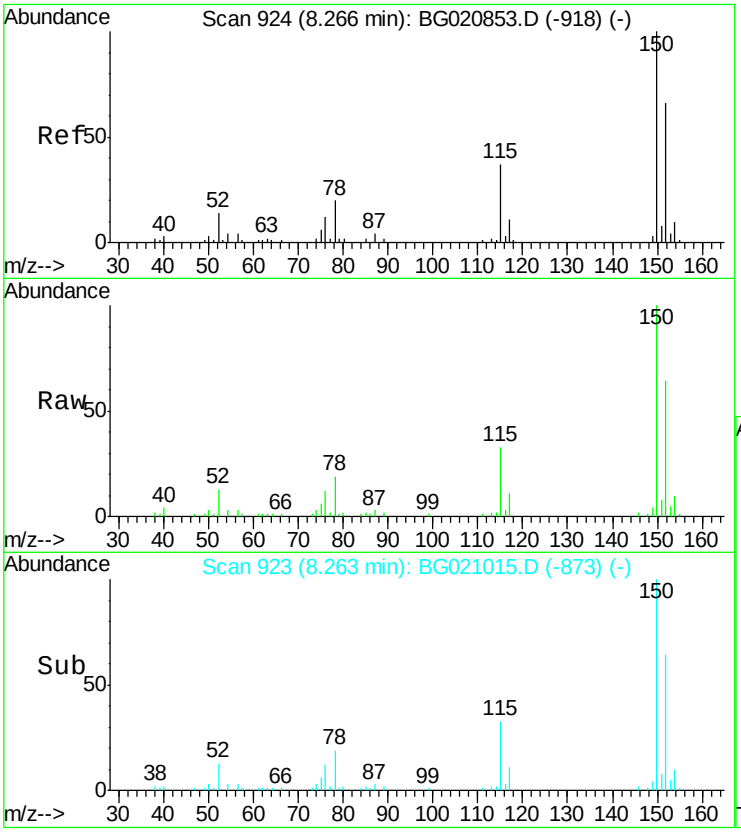
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021015.D
Acq On : 20 Feb 2016 19:11
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 21 22:55:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



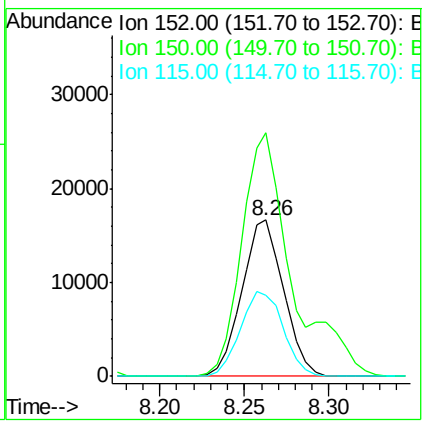


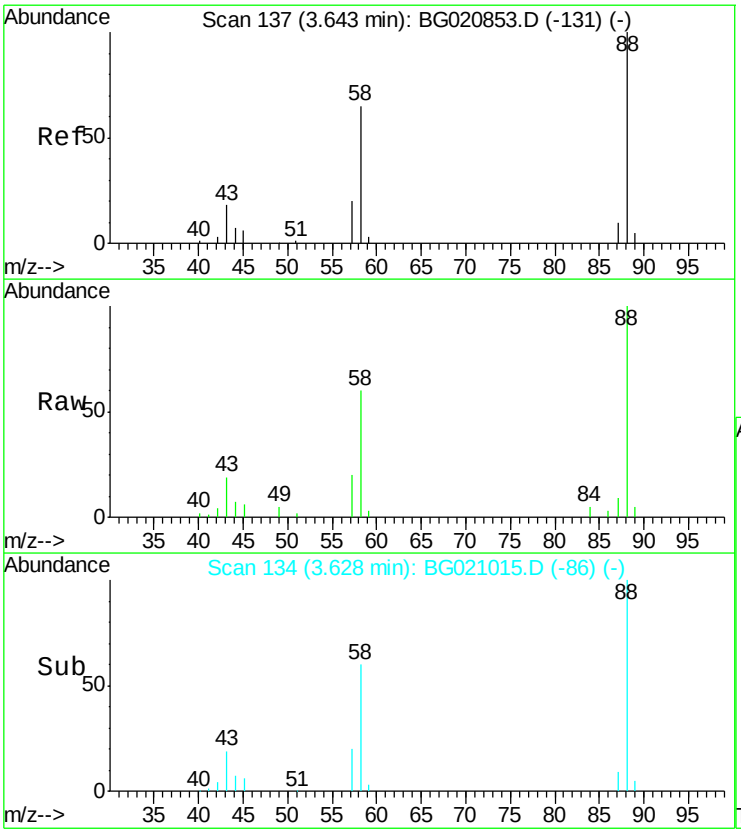
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 28436

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.0	183.0
115	52.2	45.2	67.8

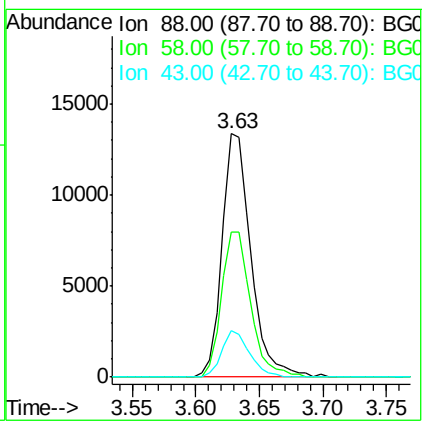


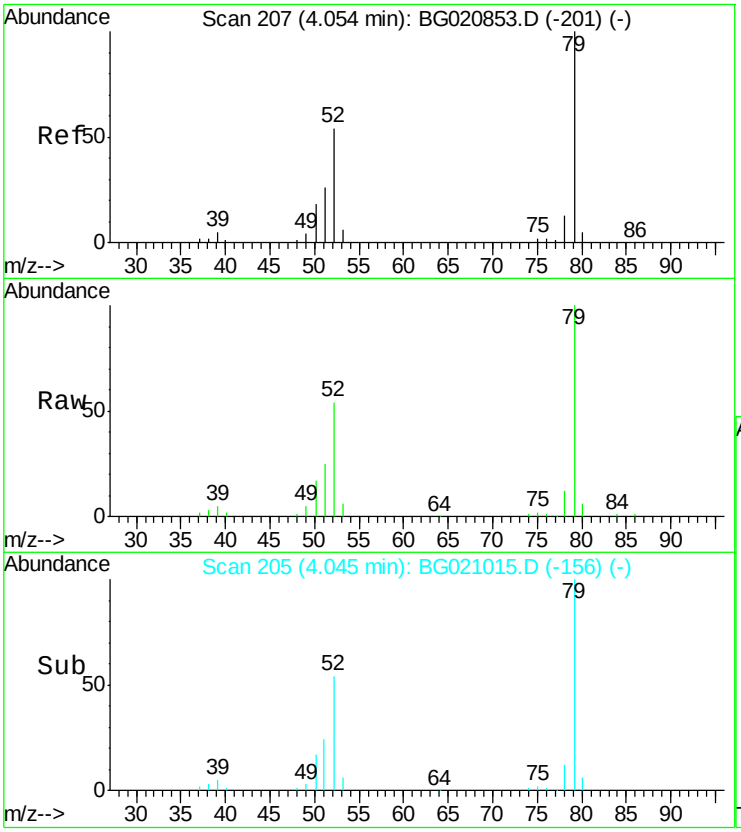


#2
1,4-Dioxane
Concen: 34.24 ng
RT: 3.63 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 88 Resp: 21023

Ion	Ratio	Lower	Upper
88	100		
58	60.3	50.3	75.5
43	18.2	14.5	21.7



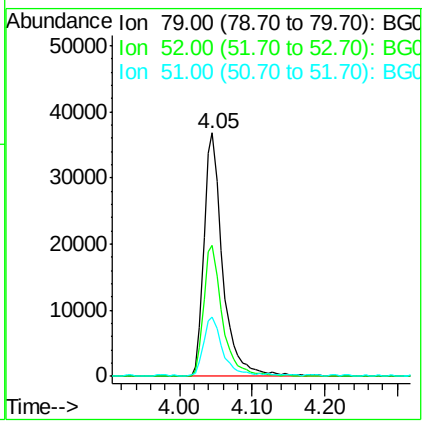


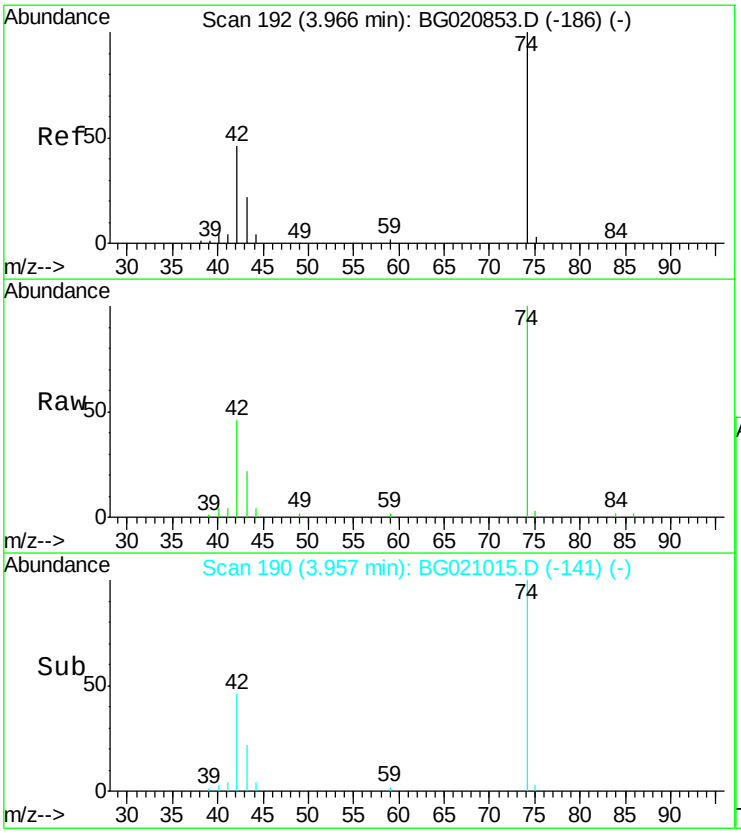
#3
Pyridine
Concen: 36.40 ng
RT: 4.05 min Scan# 205
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 66109

Ion	Ratio	Lower	Upper
79	100		
52	53.9	43.1	64.7
51	24.6	20.7	31.1

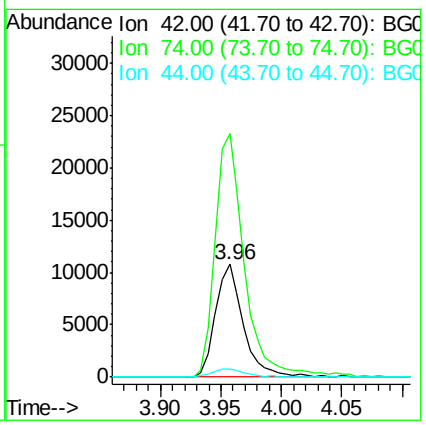


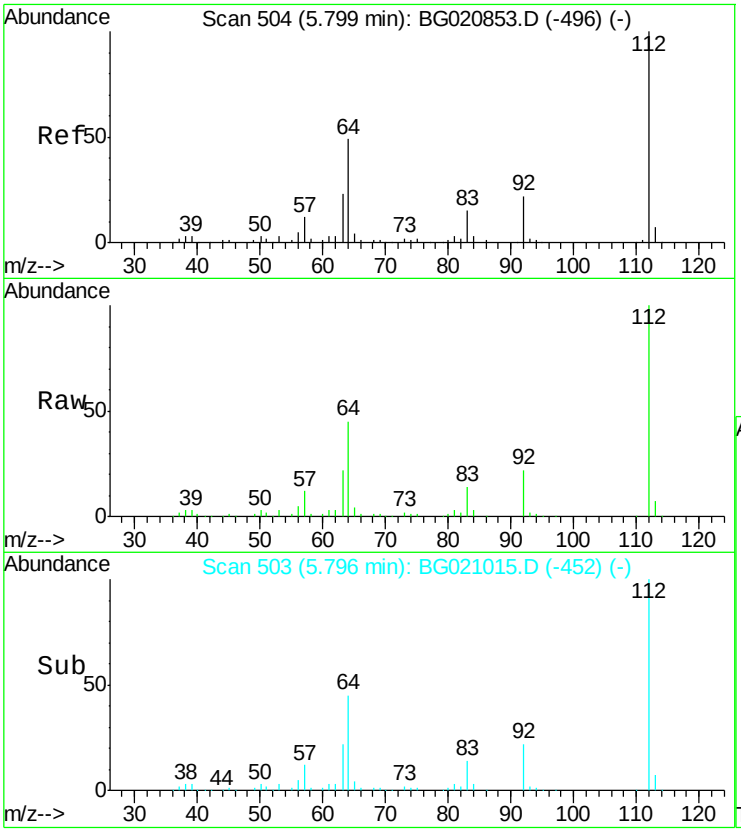


#4
n-Nitrosodimethylamine
Concen: 35.96 ng
RT: 3.96 min Scan# 190
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 42 Resp: 17086

Ion	Ratio	Lower	Upper
42	100		
74	215.7	173.8	260.6
44	7.6	6.3	9.5



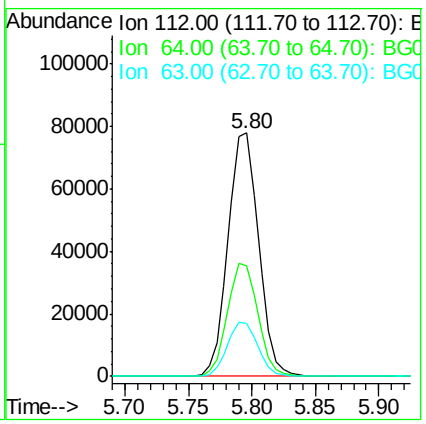


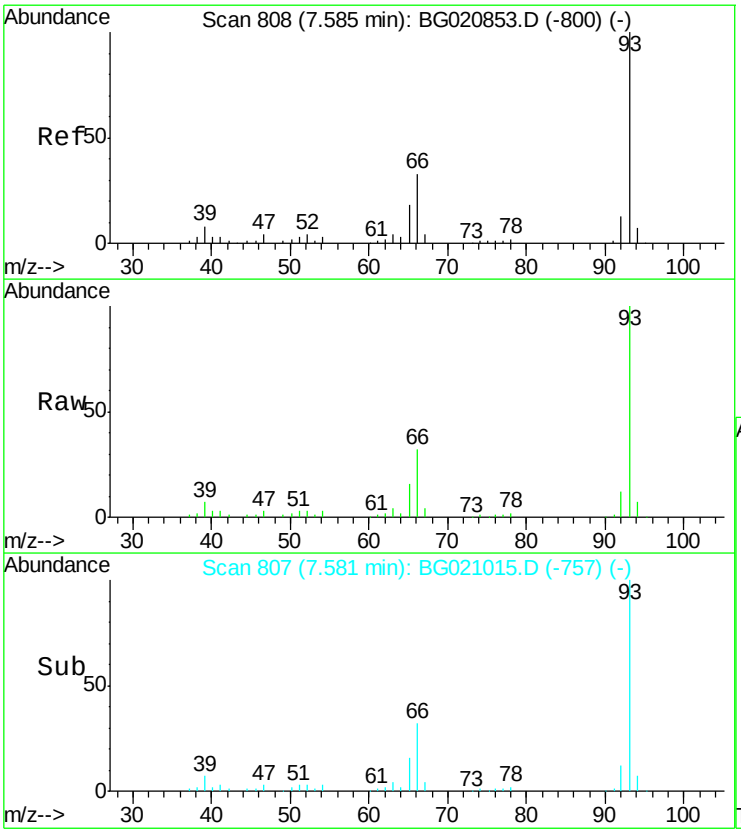
#5
2-Fluorophenol
Concen: 76.76 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 129609

Ion	Ratio	Lower	Upper
112	100		
64	45.3	39.3	58.9
63	21.9	18.2	27.4

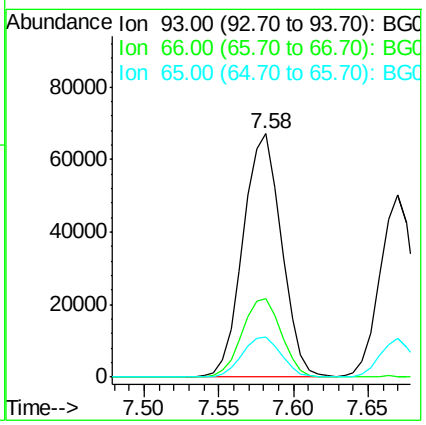


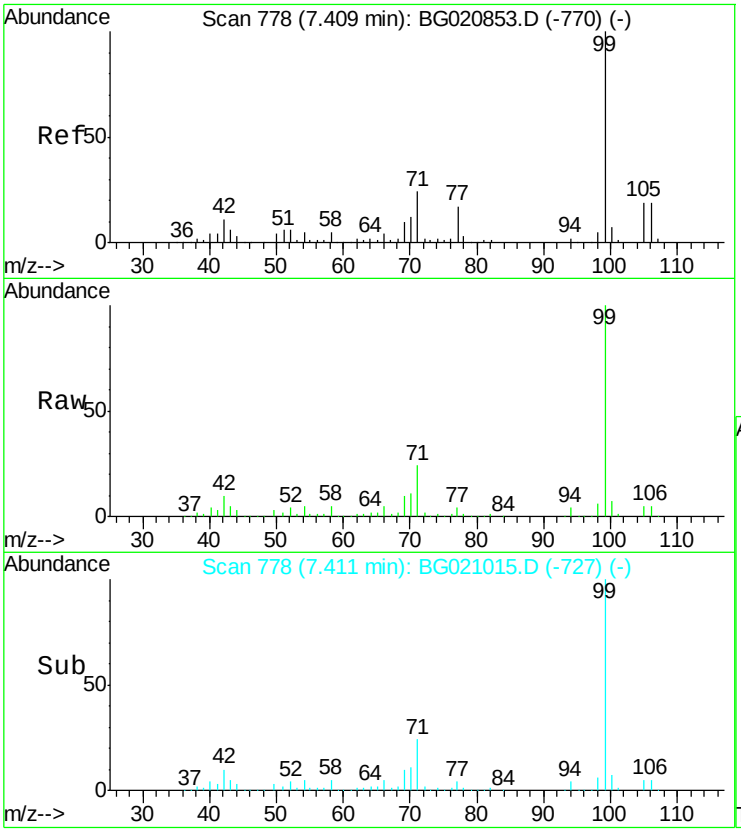


#6
Aniline
Concen: 38.84 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 93 Resp: 119530

Ion	Ratio	Lower	Upper
93	100		
66	32.2	26.6	40.0
65	16.4	14.0	21.0



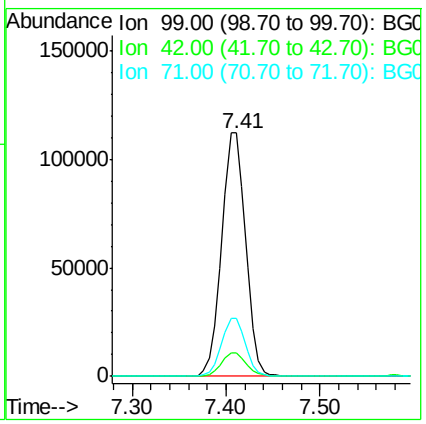


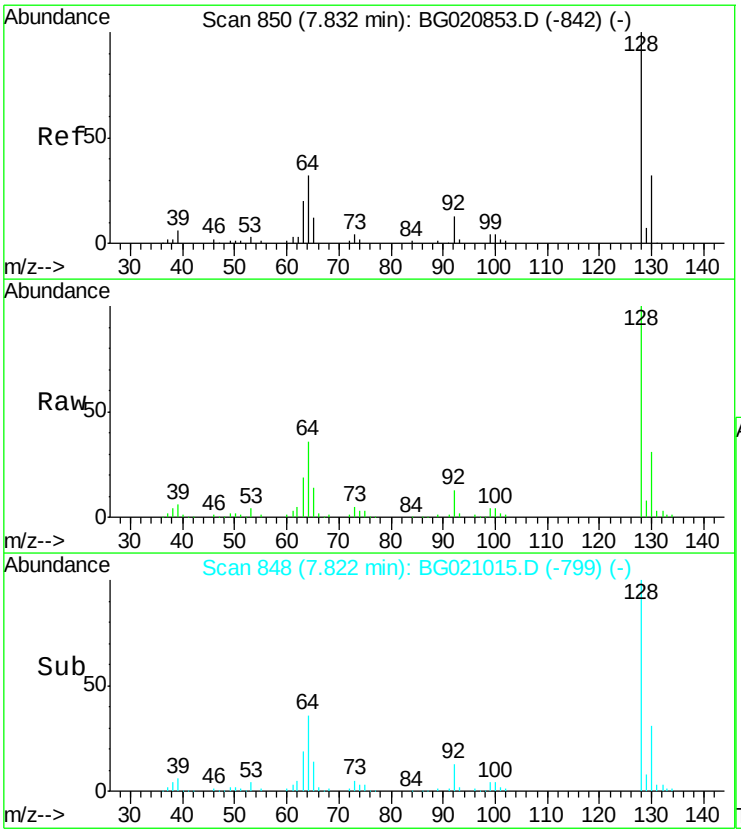
#7
Phenol-d6
Concen: 80.77 ng
RT: 7.41 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 199334

Ion	Ratio	Lower	Upper
99	100		
42	9.6	8.4	12.6
71	24.1	19.4	29.0

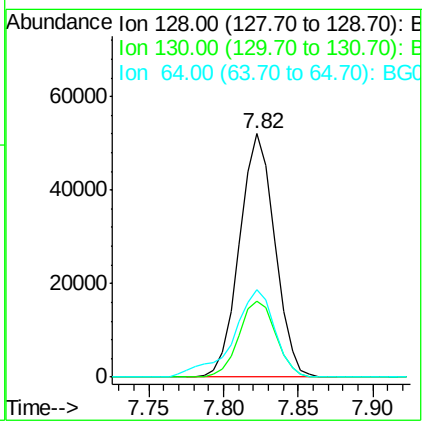


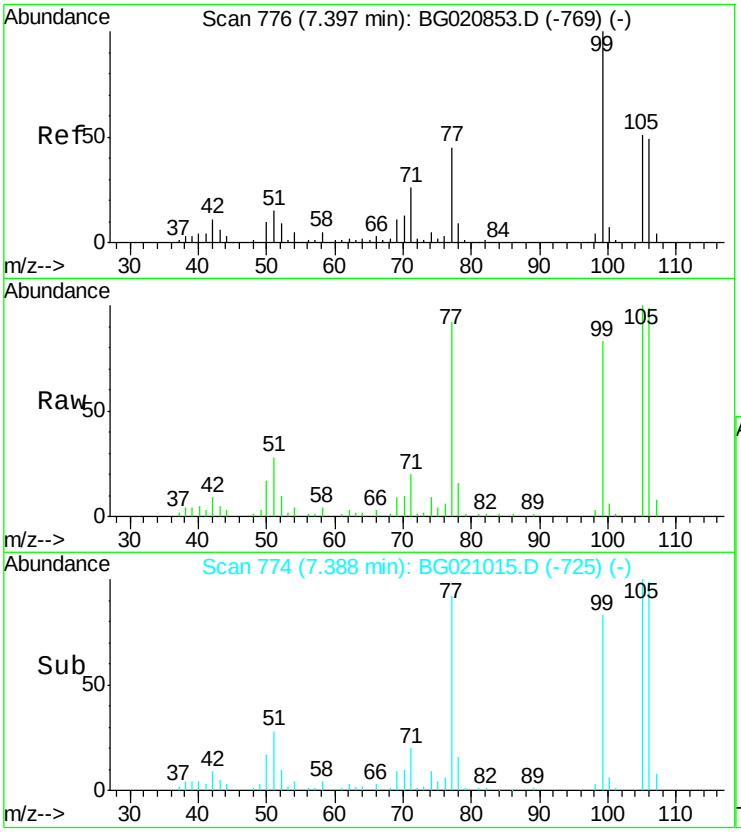


#8
2-Chlorophenol
Concen: 40.36 ng
RT: 7.82 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:128 Resp: 85127

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.3	52.3
64	36.1	15.9	55.9



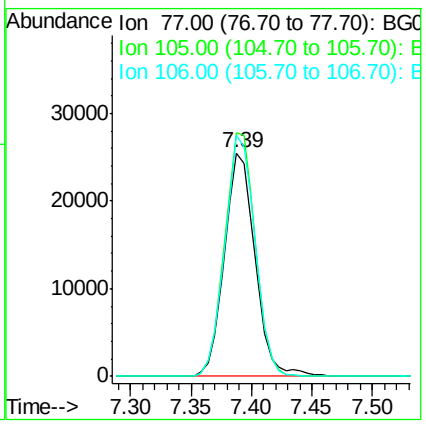


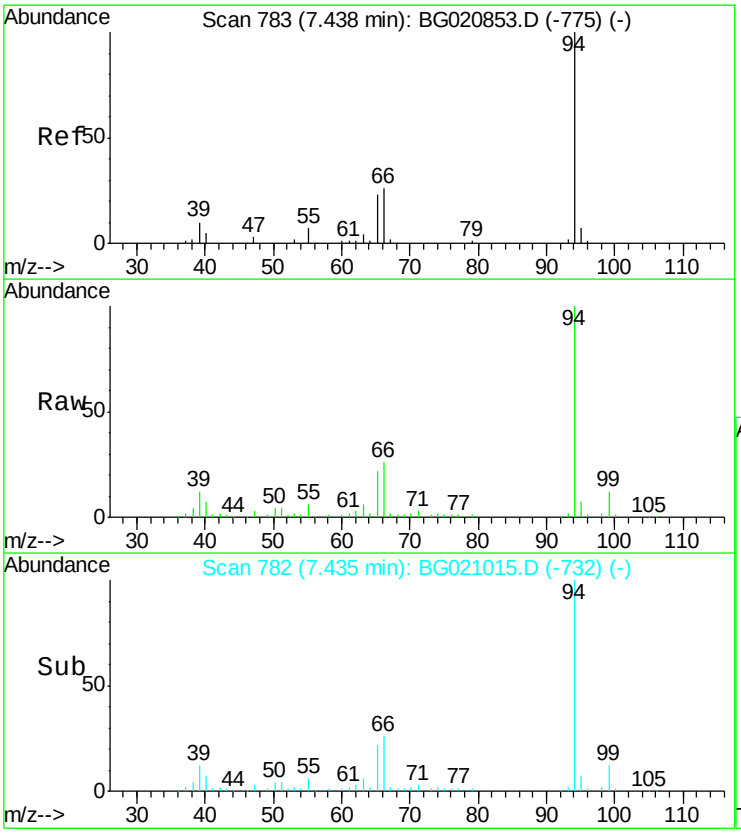
#9
Benzaldehyde
Concen: 36.48 ng
RT: 7.39 min Scan# 774
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 45099

Ion	Ratio	Lower	Upper
77	100		
105	108.9	93.4	133.4
106	107.7	88.7	128.7

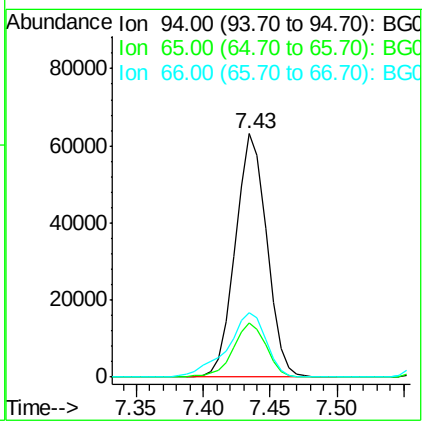


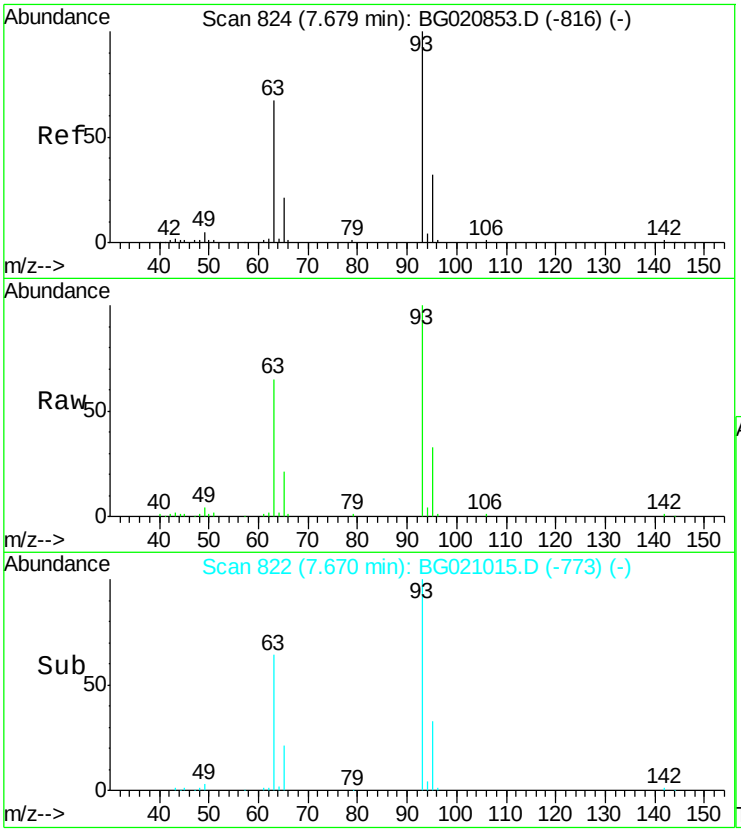


#10
Phenol
Concen: 39.39 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 94 Resp: 102890

Ion	Ratio	Lower	Upper
94	100		
65	22.4	2.8	42.8
66	26.3	7.2	47.2



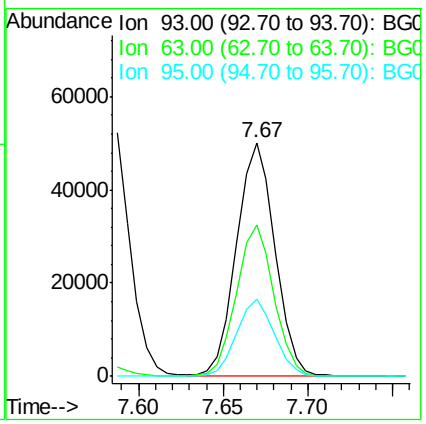


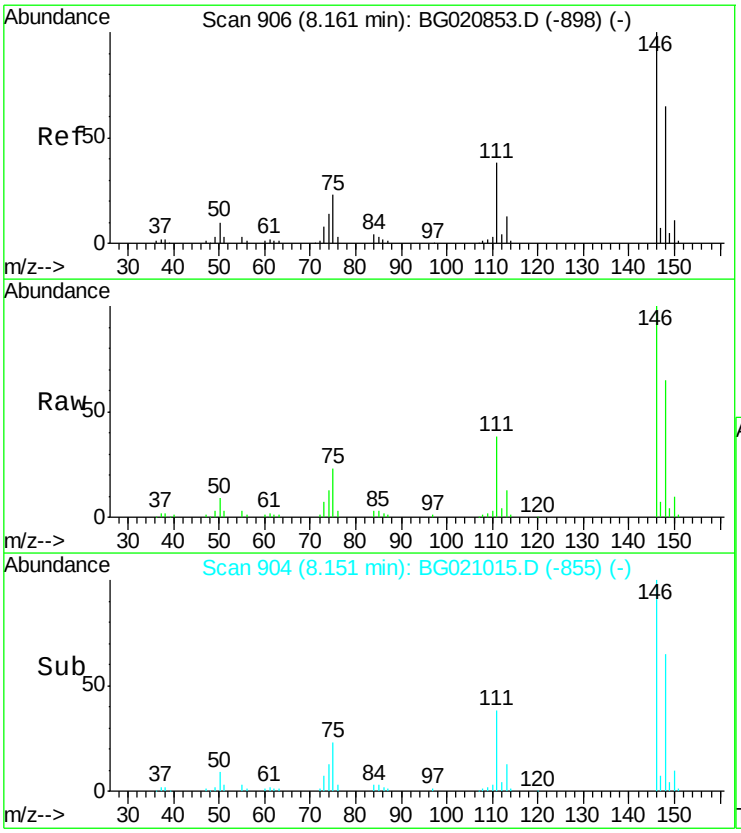
#11
bis(2-Chloroethyl)ether
Concen: 38.01 ng
RT: 7.67 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 79289

Ion	Ratio	Lower	Upper
93	100		
63	64.6	46.4	86.4
95	33.2	12.1	52.1

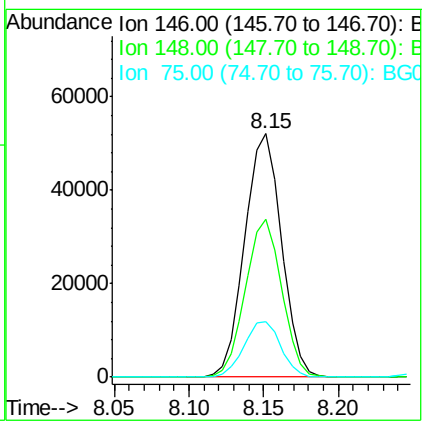


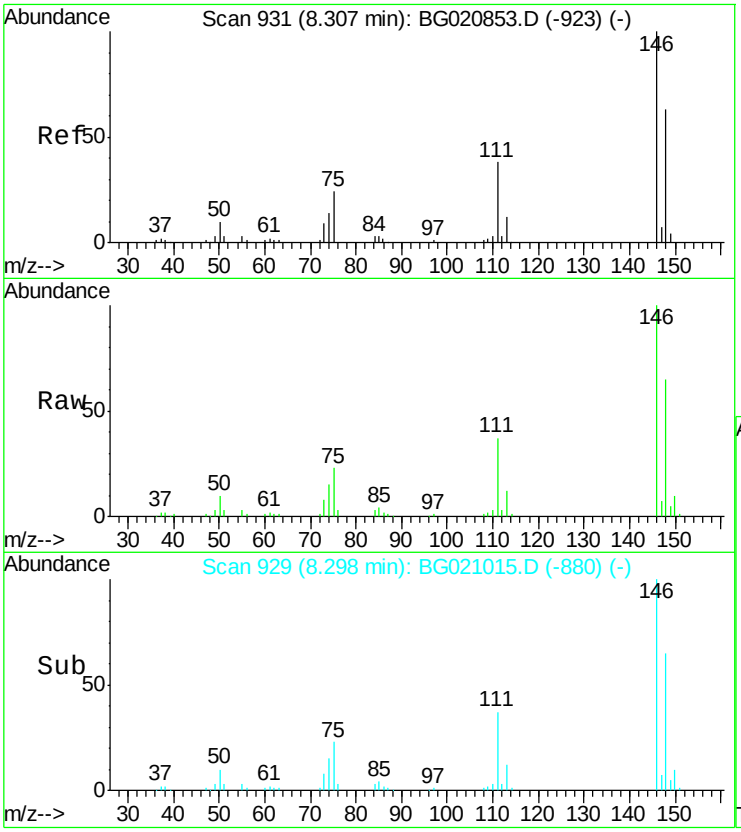


#12
1,3-Dichlorobenzene
Concen: 39.76 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:146 Resp: 88672

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	22.6	18.7	28.1



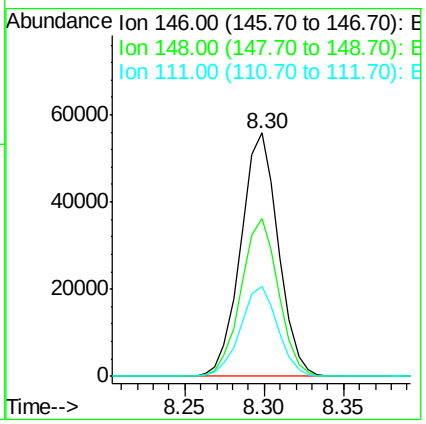


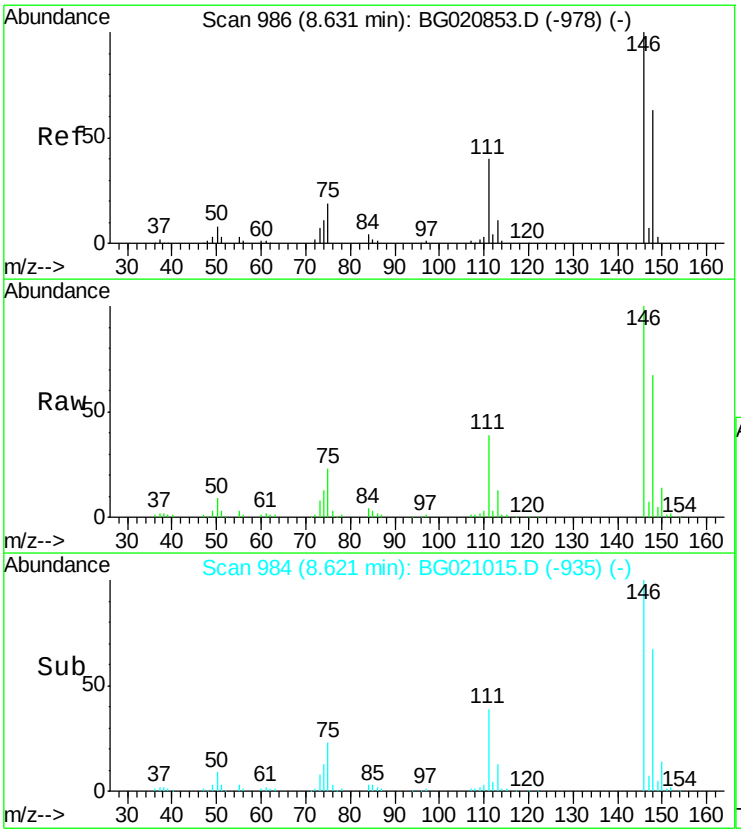
#13
1,4-Dichlorobenzene
Concen: 40.46 ng
RT: 8.30 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 91498

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	36.9	30.1	45.1

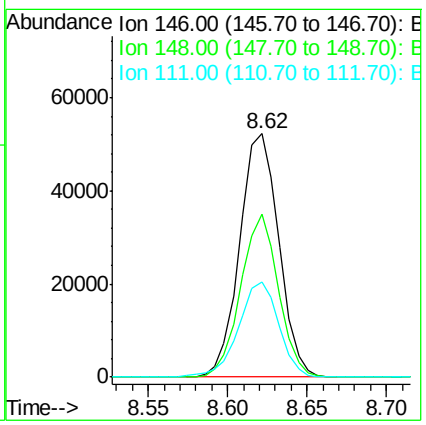


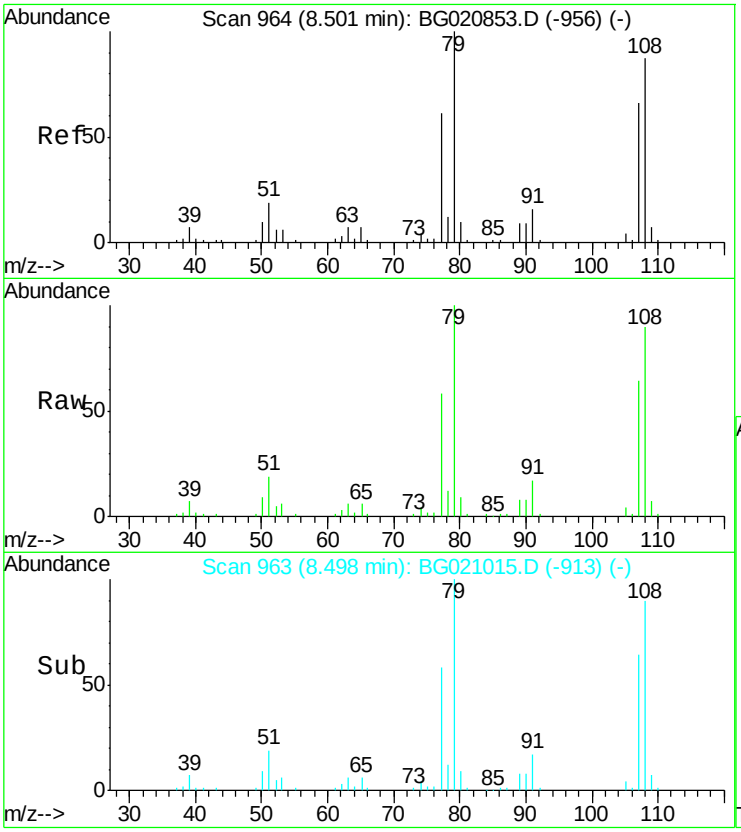


#14
1,2-Dichlorobenzene
Concen: 40.71 ng
RT: 8.62 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:146 Resp: 89559

Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.6	76.0
111	38.9	32.6	48.8



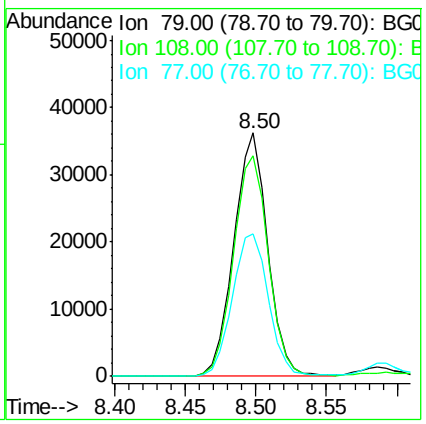


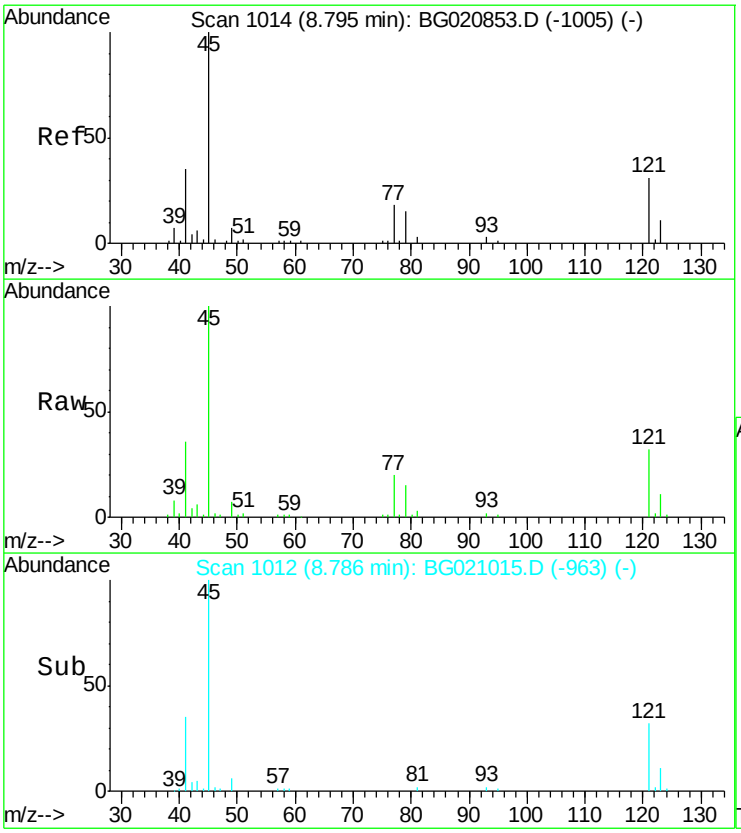
#15
Benzyl Alcohol
Concen: 39.03 ng
RT: 8.50 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 60724

Ion	Ratio	Lower	Upper
79	100		
108	90.4	69.4	104.2
77	58.5	48.6	73.0

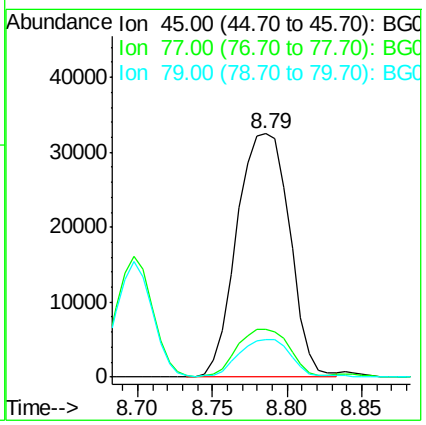


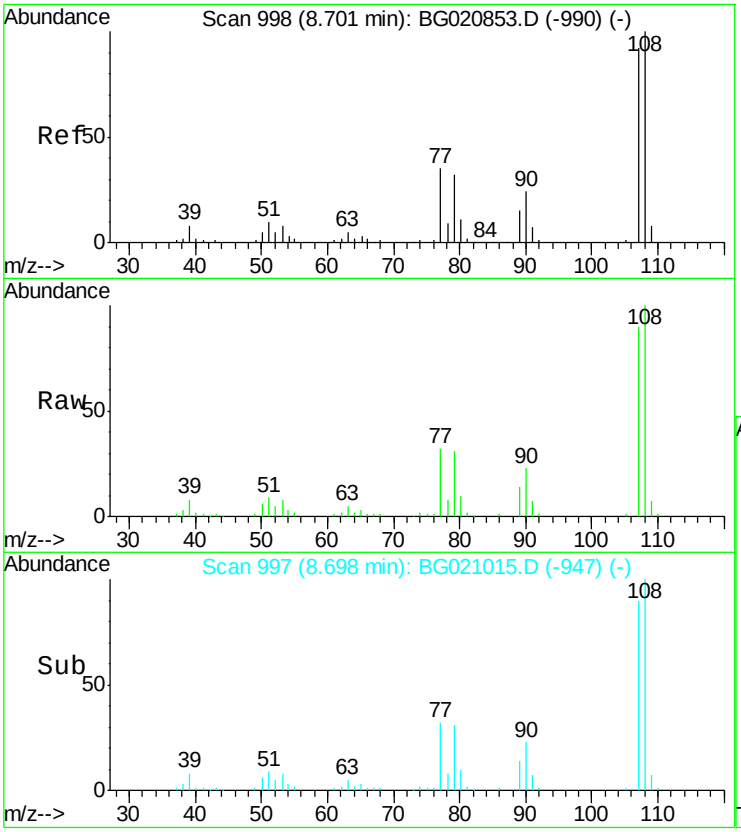


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.64 ng
RT: 8.79 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 45 Resp: 79730

Ion	Ratio	Lower	Upper
45	100		
77	19.9	0.0	38.5
79	15.4	0.0	34.9



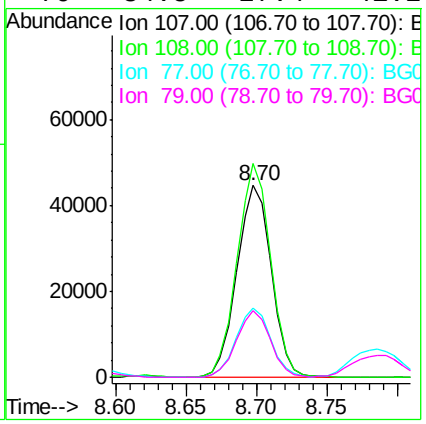


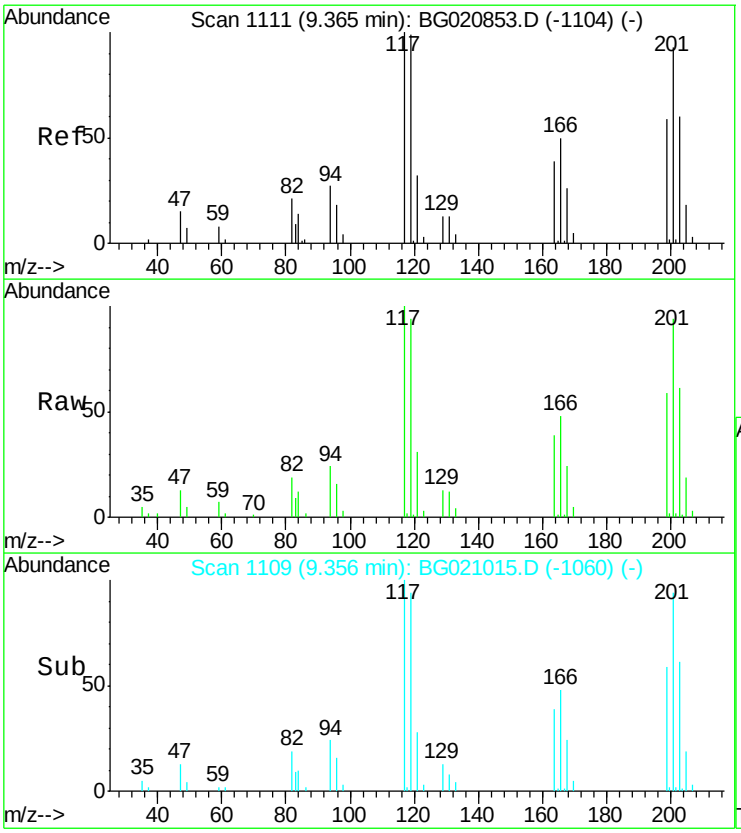
#17
2-Methylphenol
Concen: 40.55 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 76306

Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.0	130.4
77	36.0	30.1	45.1
79	34.5	27.4	41.2

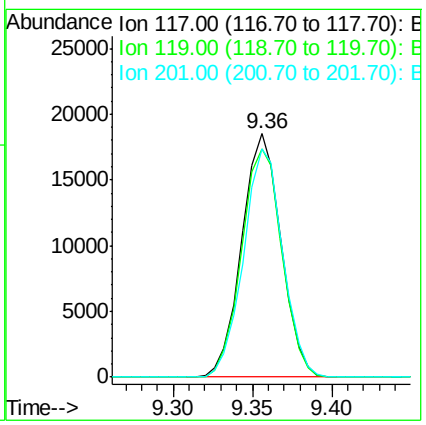


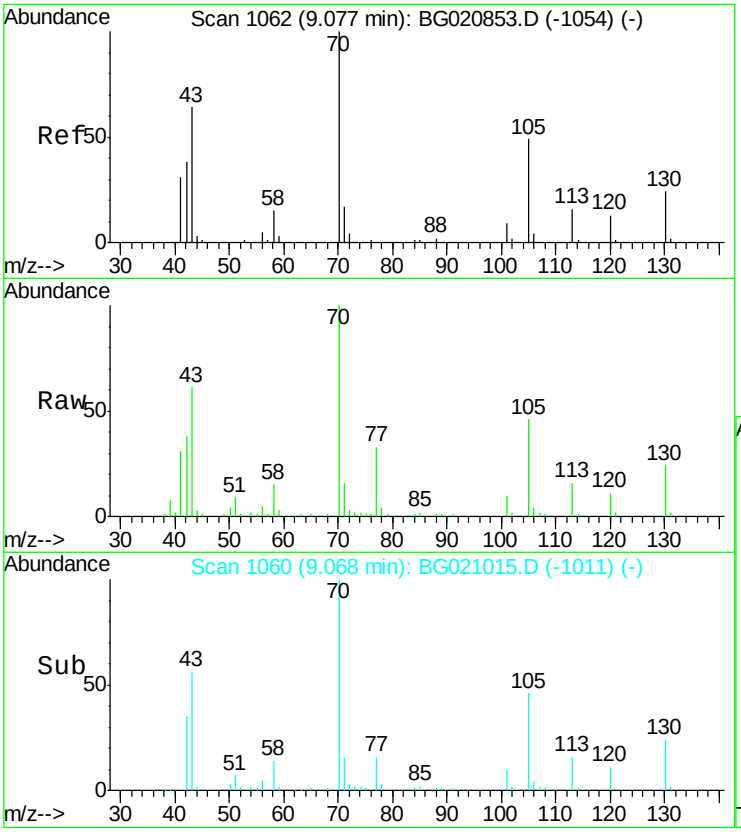


#18
Hexachloroethane
Concen: 40.92 ng
RT: 9.36 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:117 Resp: 31815

Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.6	119.4
201	93.9	74.5	111.7



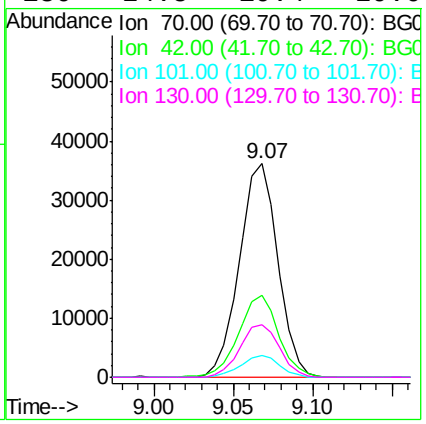


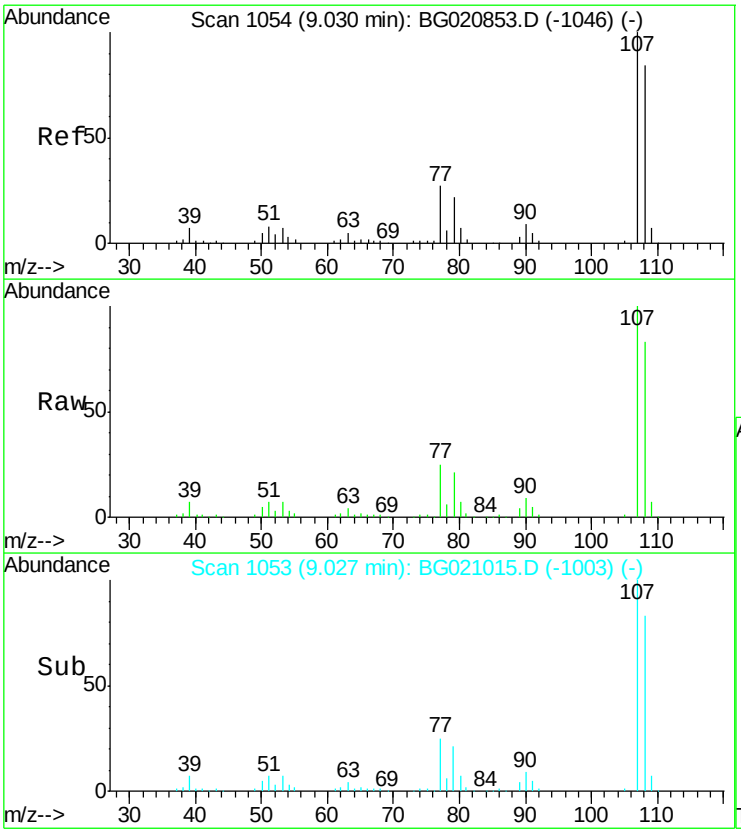
#19
n-Nitroso-di-n-propylamine
Concen: 38.26 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 60921

Ion	Ratio	Lower	Upper
70	100		
42	38.2	30.9	46.3
101	10.1	7.3	10.9
130	24.5	19.4	29.0

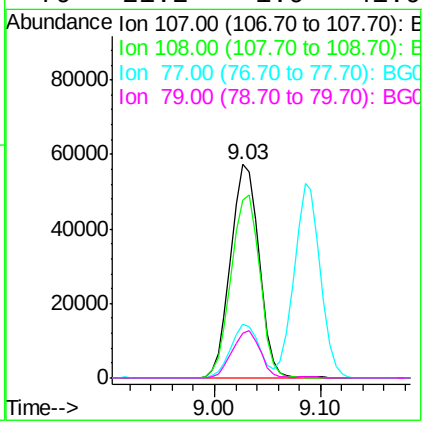


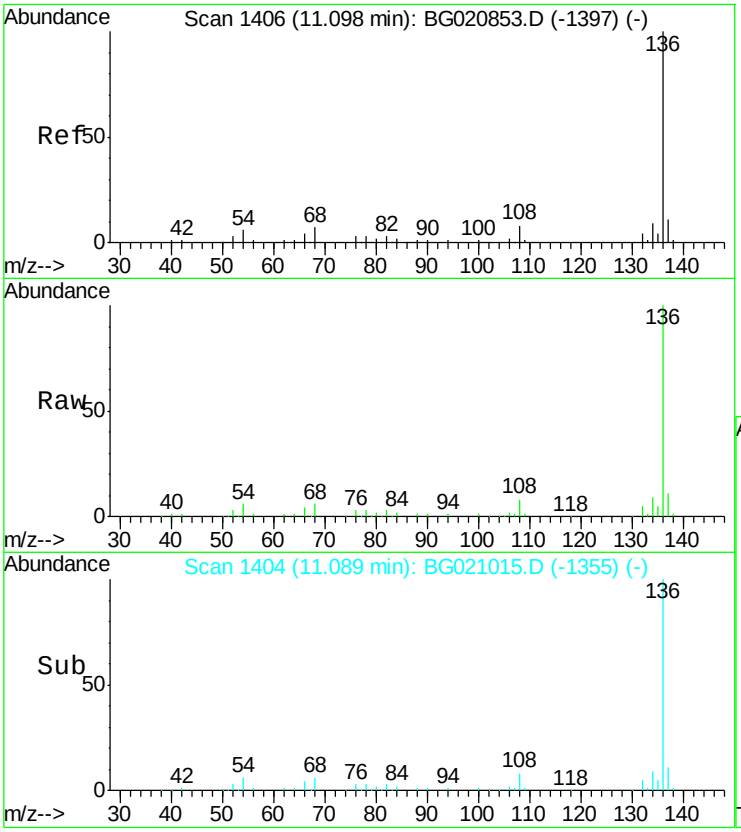


#20
3+4-Methylphenols
Concen: 40.94 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:107 Resp: 107336

Ion	Ratio	Lower	Upper
107	100		
108	83.4	64.4	104.4
77	24.9	7.1	47.1
79	21.2	1.9	41.9



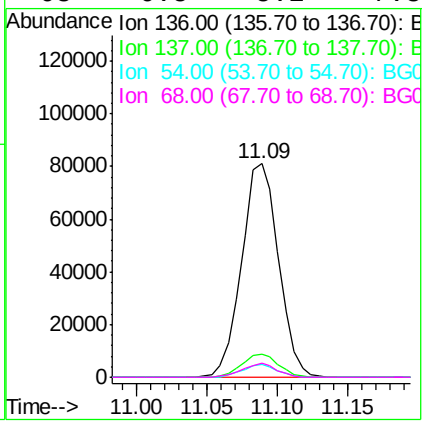


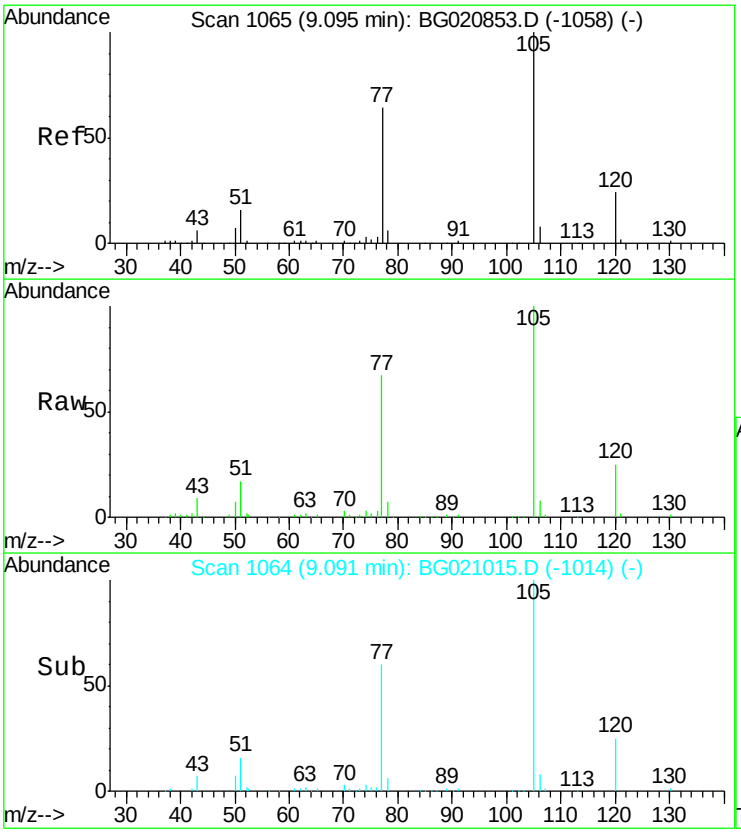
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 148090

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.0	5.0	7.4
68	6.5	5.2	7.8

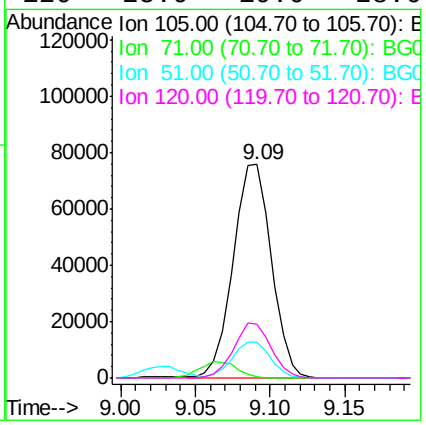


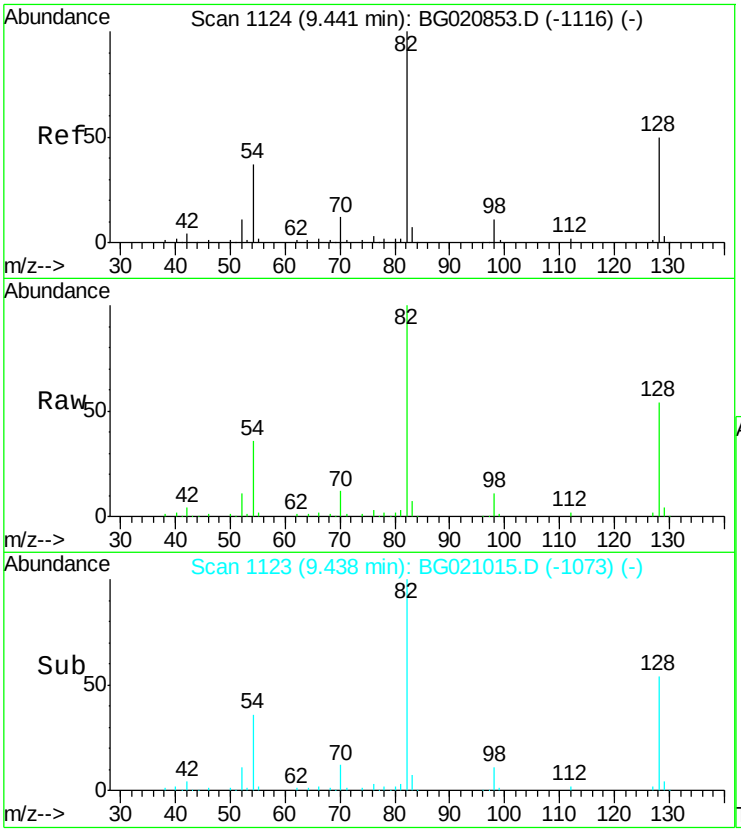


#22
Acetophenone
Concen: 37.85 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:105 Resp: 135108

Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.4	2.0#
51	17.0	13.7	20.5
120	25.0	19.0	28.6



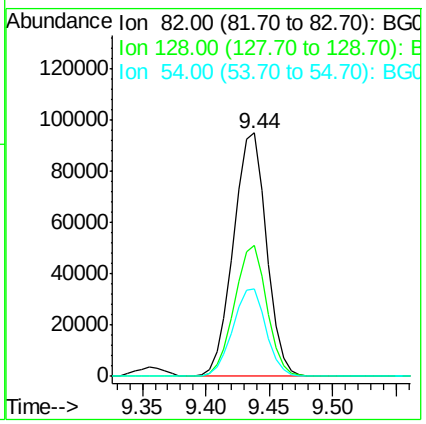


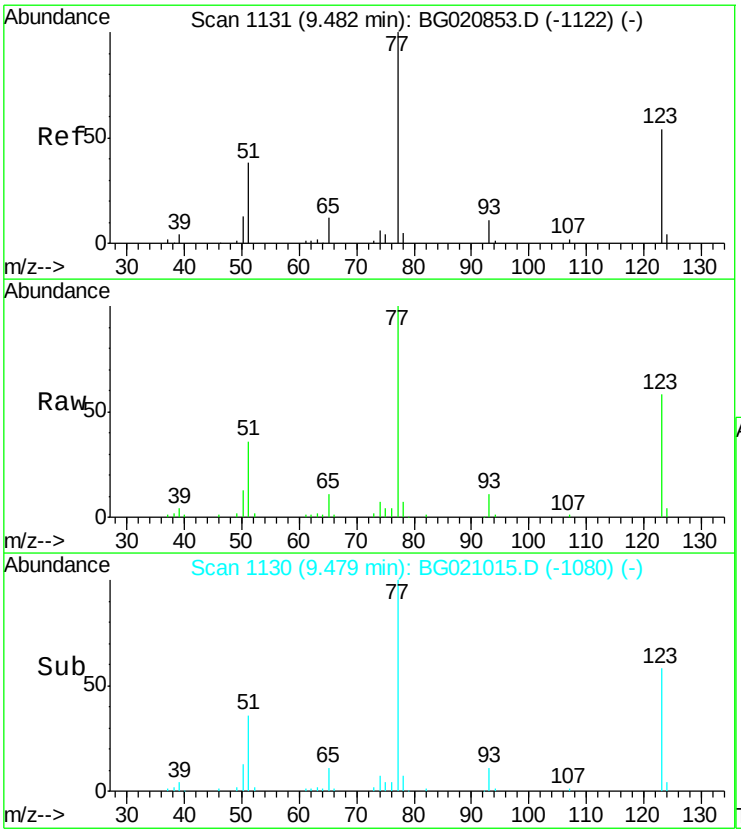
#23
Nitrobenzene-d5
Concen: 76.27 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 171772

Ion	Ratio	Lower	Upper
82	100		
128	54.0	40.1	60.1
54	35.7	29.5	44.3

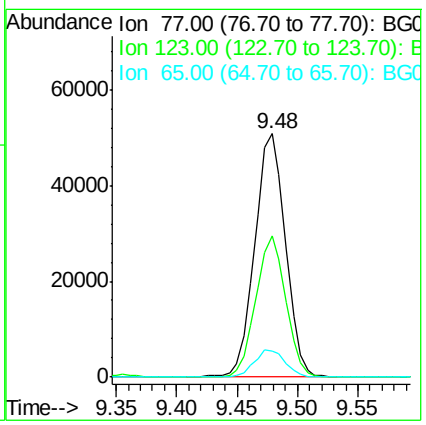


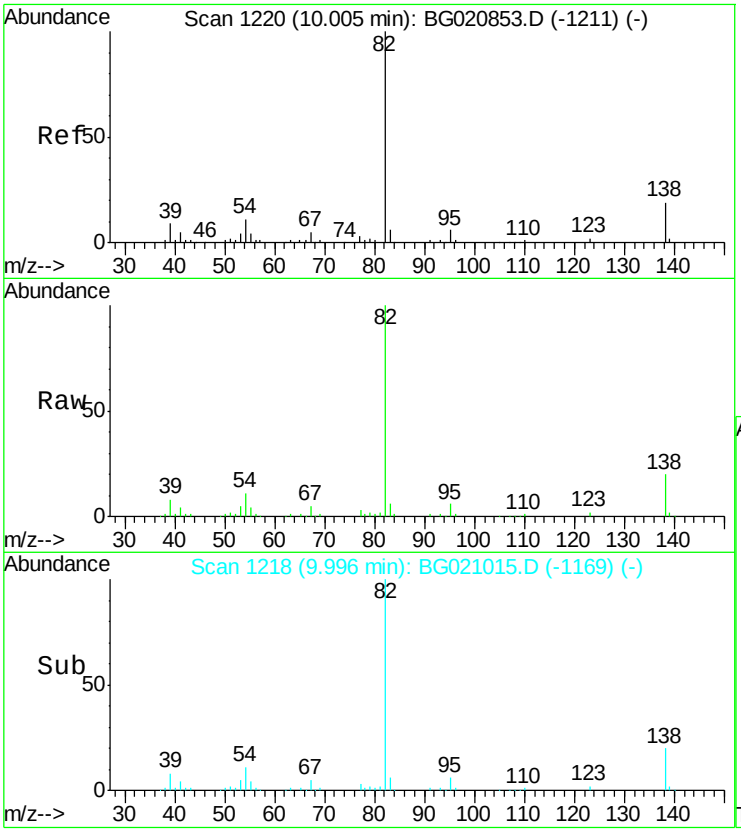


#24
Nitrobenzene
Concen: 38.16 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 77 Resp: 89584

Ion	Ratio	Lower	Upper
77	100		
123	57.9	43.2	64.8
65	10.8	9.2	13.8



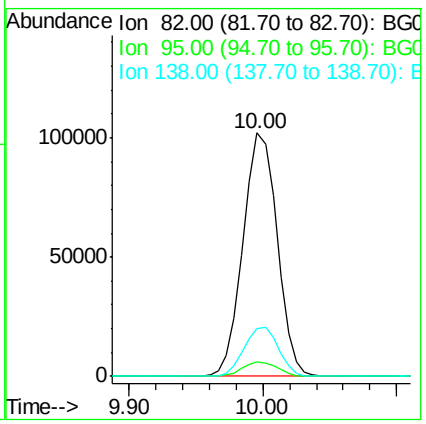


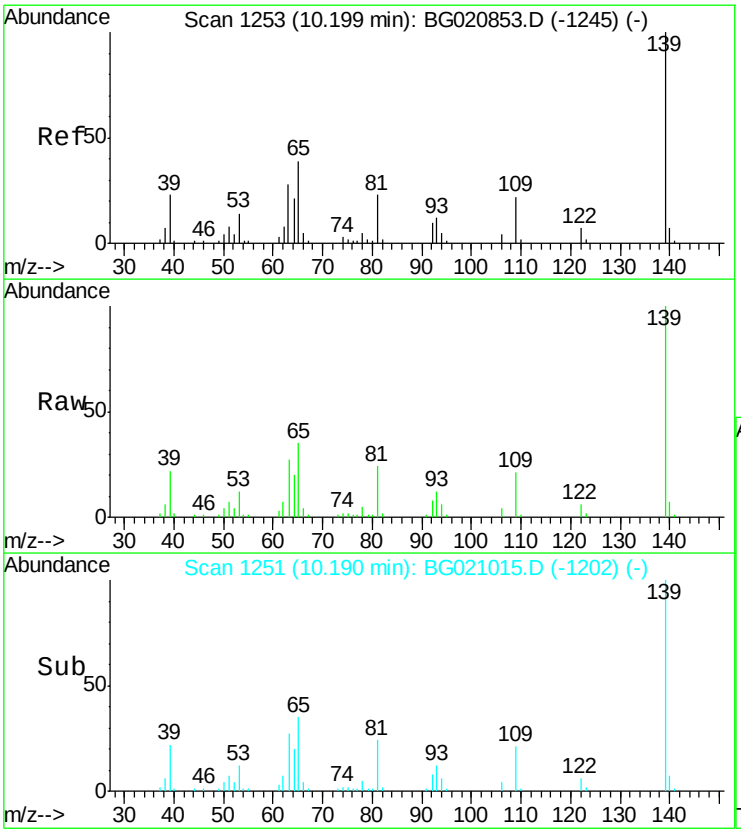
#25
Isophorone
Concen: 38.01 ng
RT: 10.00 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 180450

Ion	Ratio	Lower	Upper
82	100		
95	6.2	4.8	7.2
138	19.9	15.4	23.0

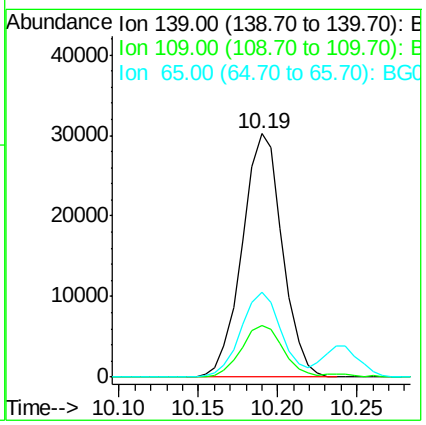


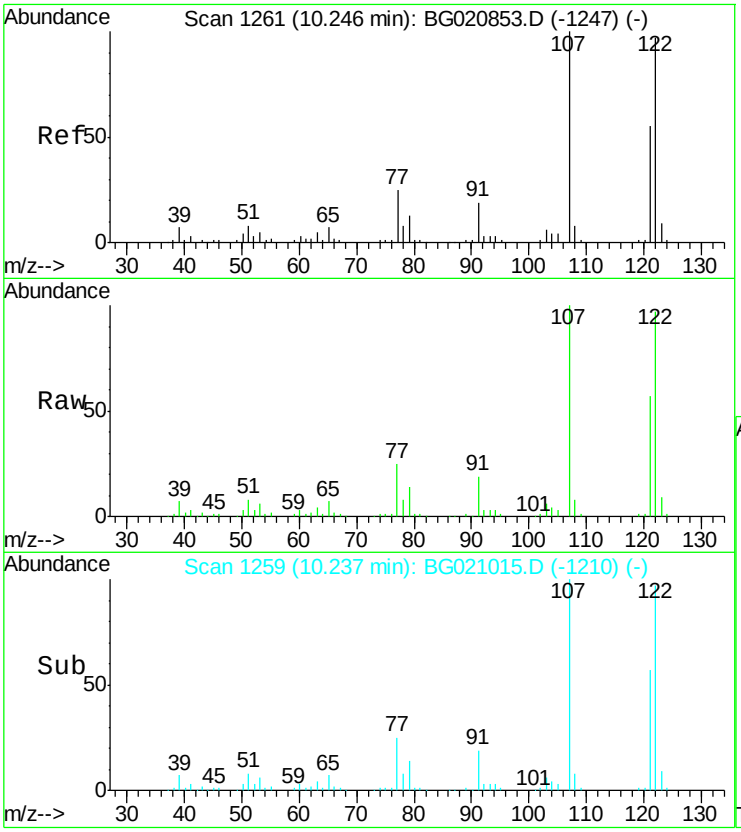


#26
2-Nitrophenol
Concen: 42.93 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:139 Resp: 53043

Ion	Ratio	Lower	Upper
139	100		
109	21.1	17.6	26.4
65	34.7	31.0	46.6



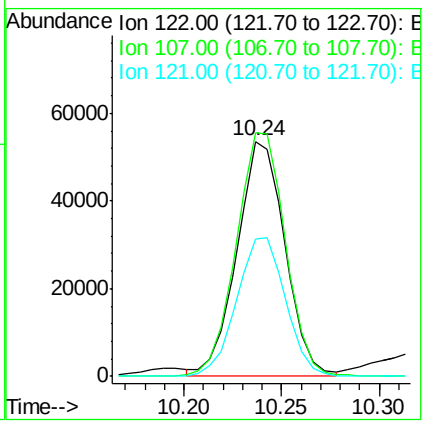


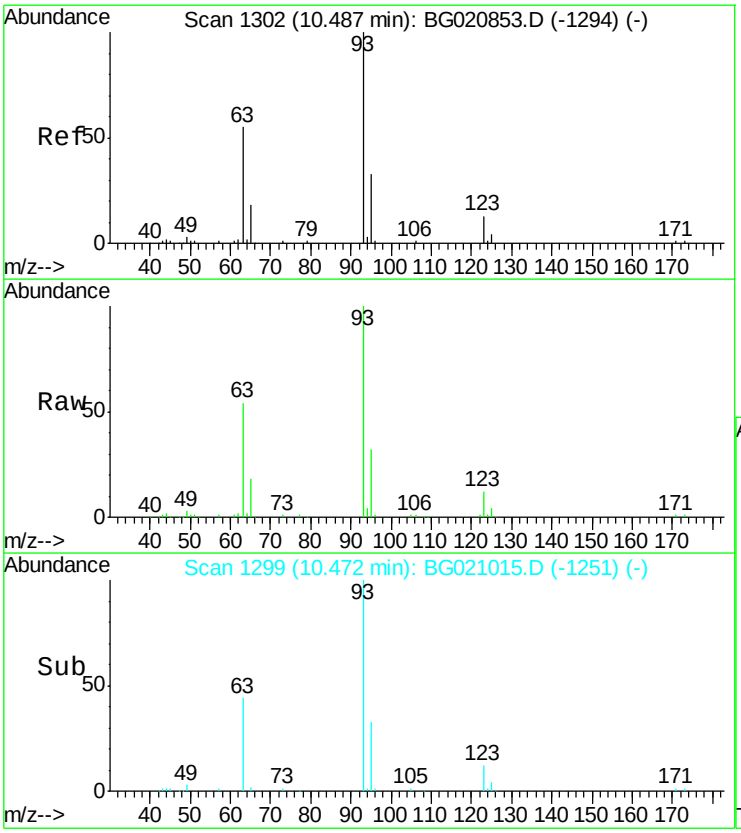
#27
2,4-Dimethylphenol
Concen: 38.38 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 90875

Ion	Ratio	Lower	Upper
122	100		
107	103.6	82.6	124.0
121	58.6	45.6	68.4

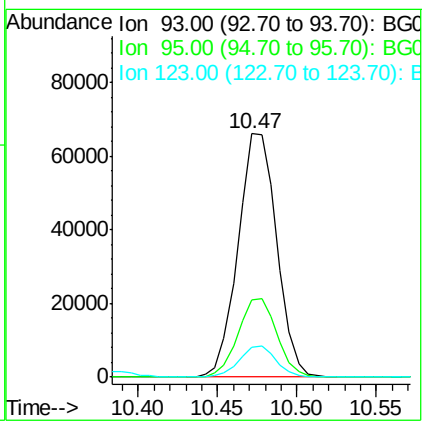


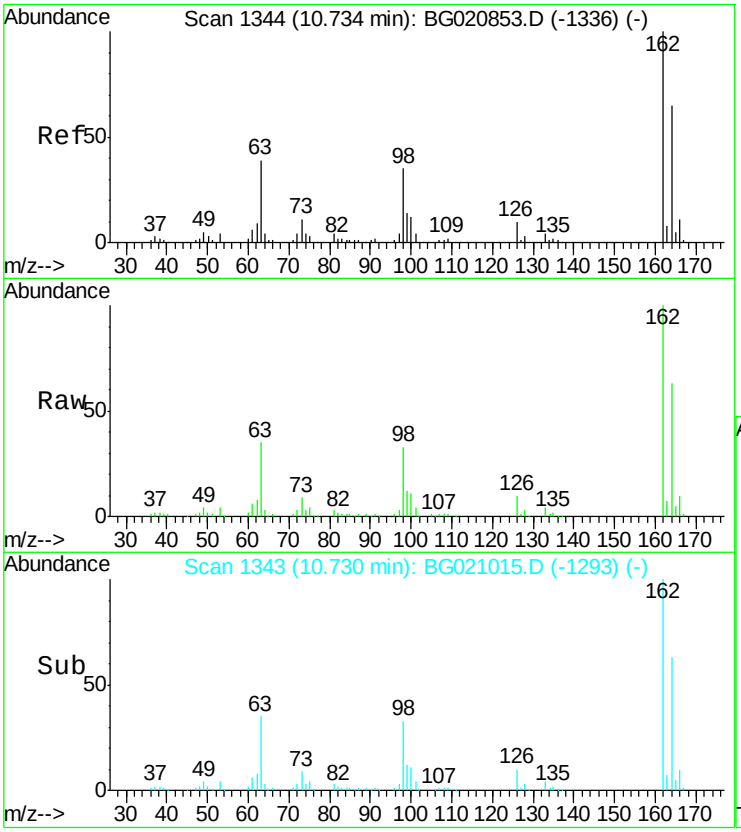


#28
bis(2-Chloroethoxy)methane
Concen: 38.22 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 93 Resp: 111813

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	12.1	10.0	15.0



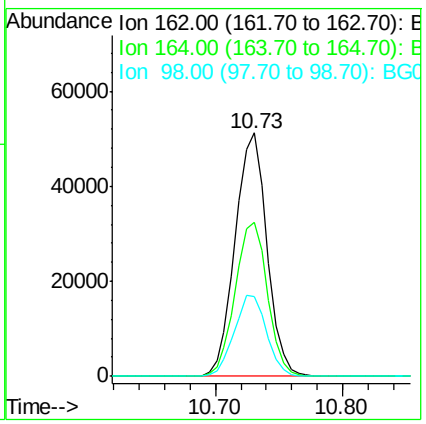


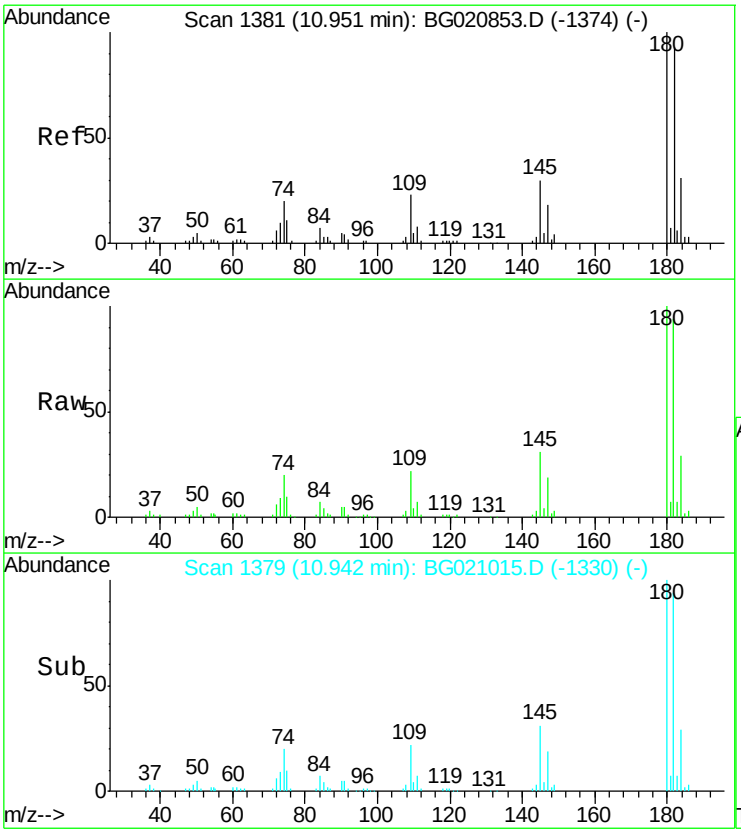
#29
2,4-Dichlorophenol
Concen: 41.93 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 88977

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.5	84.5
98	32.5	14.9	54.9

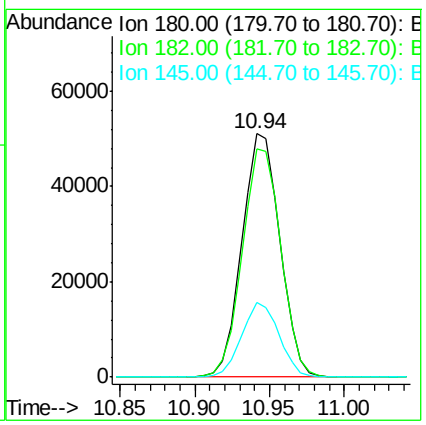


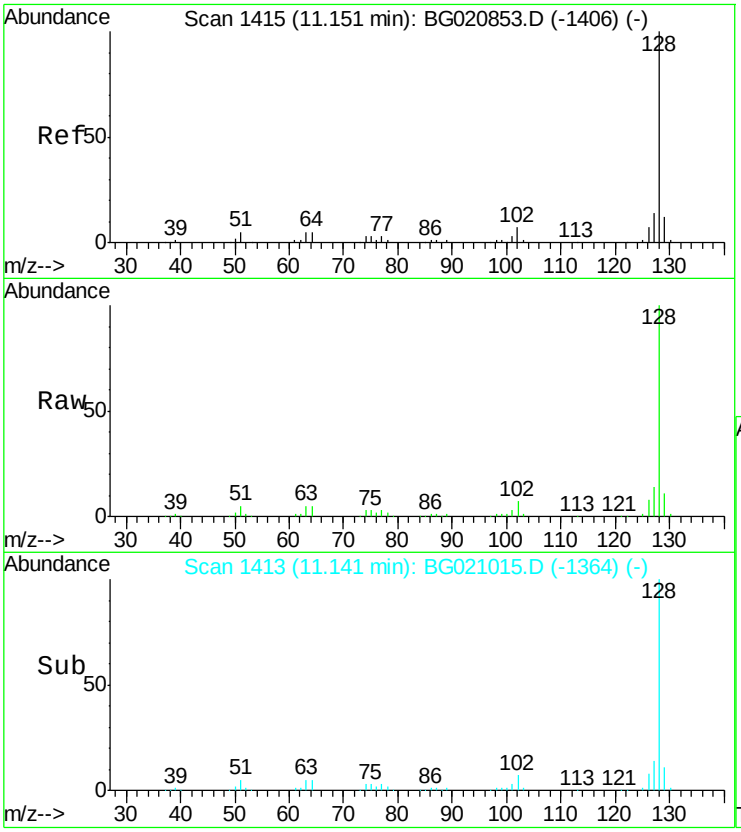


#30
1,2,4-Trichlorobenzene
Concen: 41.88 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:180 Resp: 89525

Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.1	111.1
145	30.7	24.1	36.1



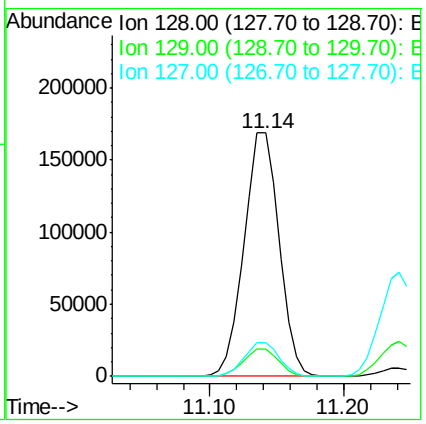


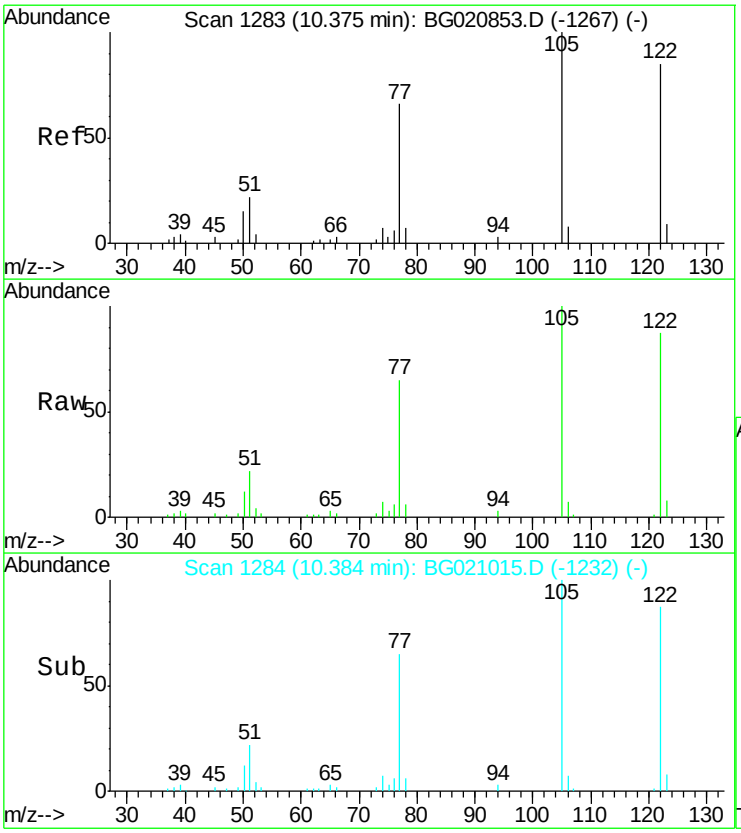
#31
Naphthalene
Concen: 39.87 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 305416

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	14.0	11.4	17.2

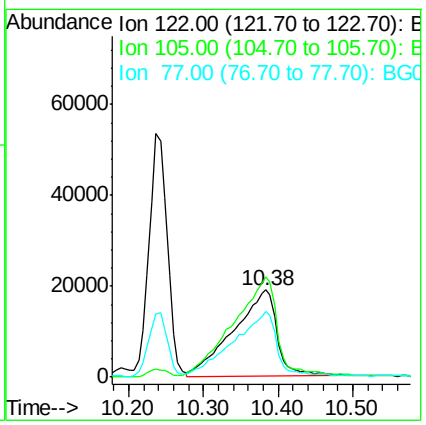


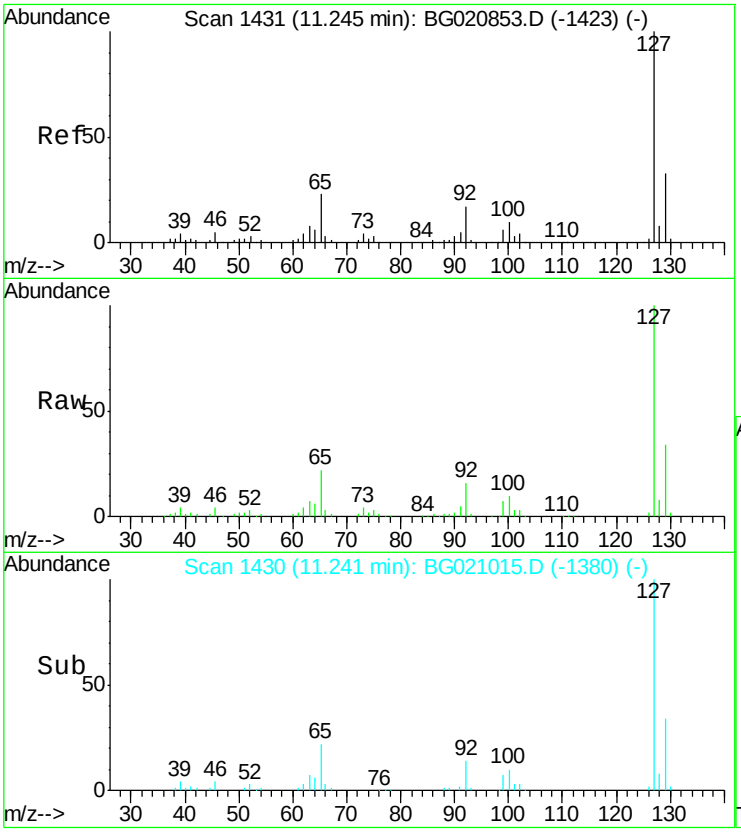


#32
Benzoic acid
Concen: 40.24 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:122 Resp: 76423

Ion	Ratio	Lower	Upper
122	100		
105	114.6	94.0	134.0
77	75.0	56.8	96.8



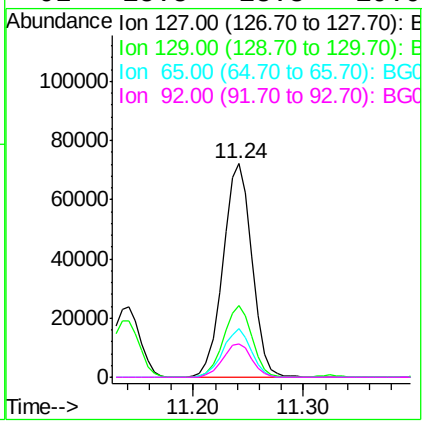


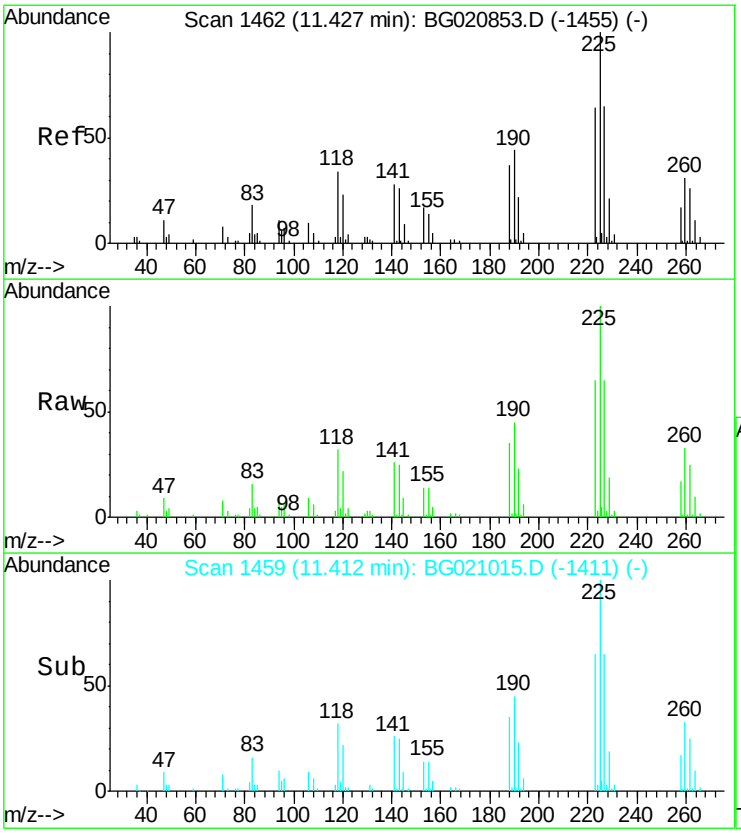
#33
4-Chloroaniline
Concen: 40.05 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 131978

Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	22.5	18.6	27.8
92	15.5	13.3	19.9

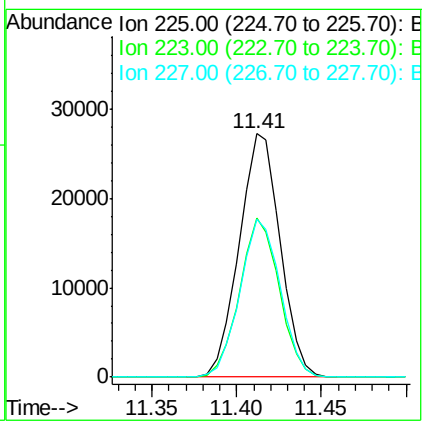


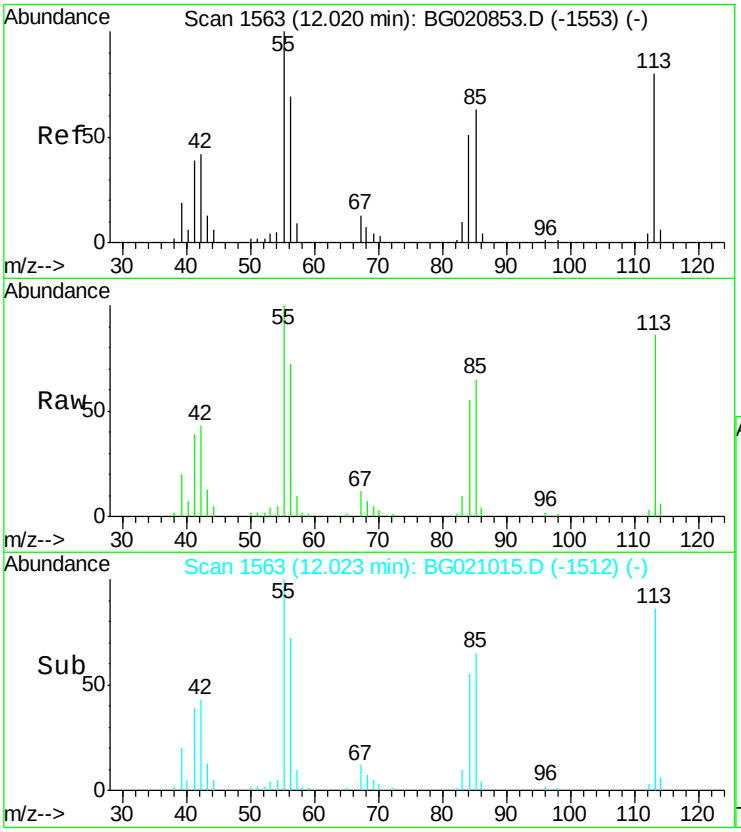


#34
Hexachlorobutadiene
Concen: 42.20 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:225 Resp: 45973

Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.0	76.6
227	64.7	51.7	77.5



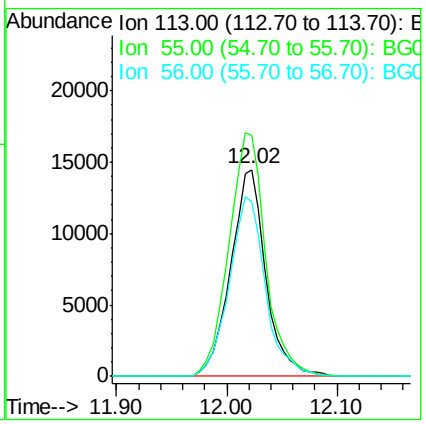


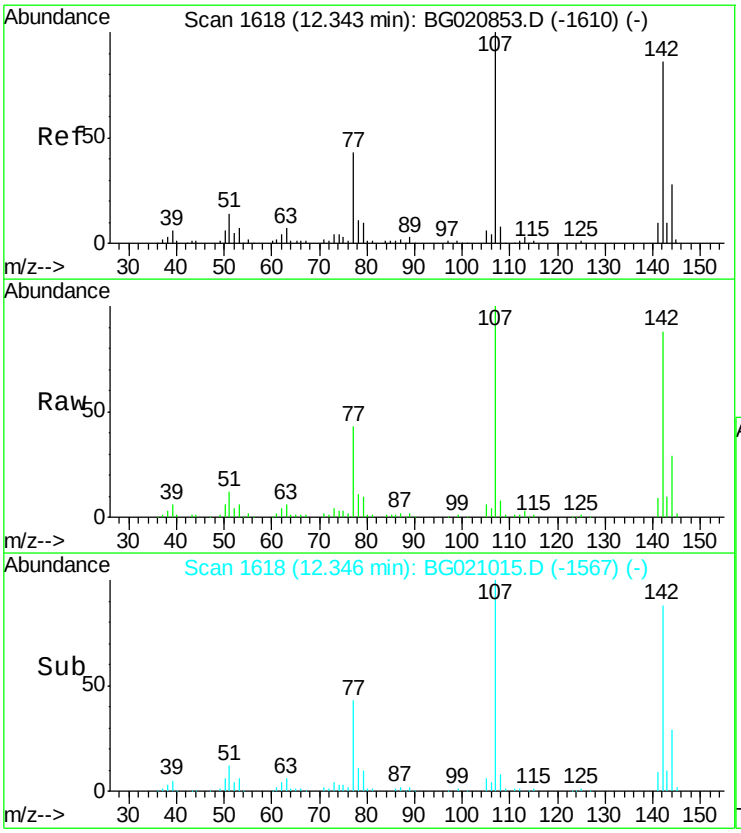
#35
Caprolactam
Concen: 39.69 ng
RT: 12.02 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 32268

Ion	Ratio	Lower	Upper
113	100		
55	116.8	104.4	144.4
56	84.1	65.4	105.4

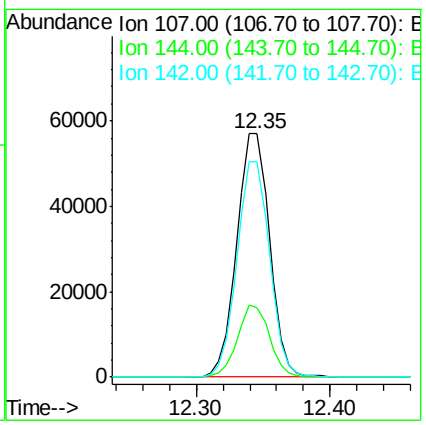


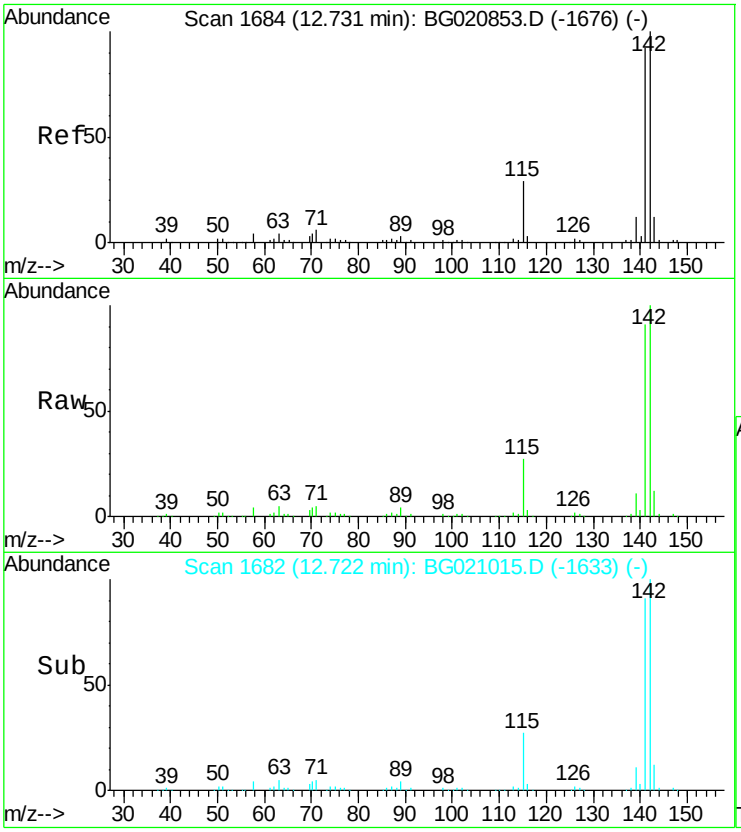


#36
4-Chloro-3-methylphenol
Concen: 39.89 ng
RT: 12.35 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:107 Resp: 96990

Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.4	33.6
142	88.5	68.6	103.0



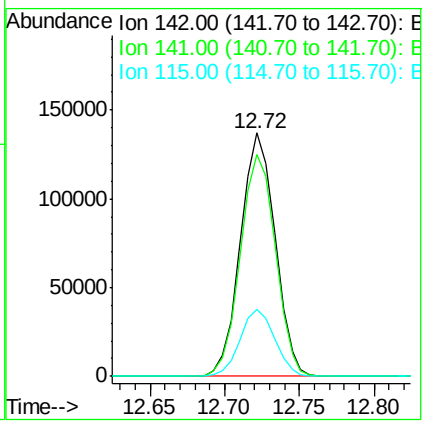


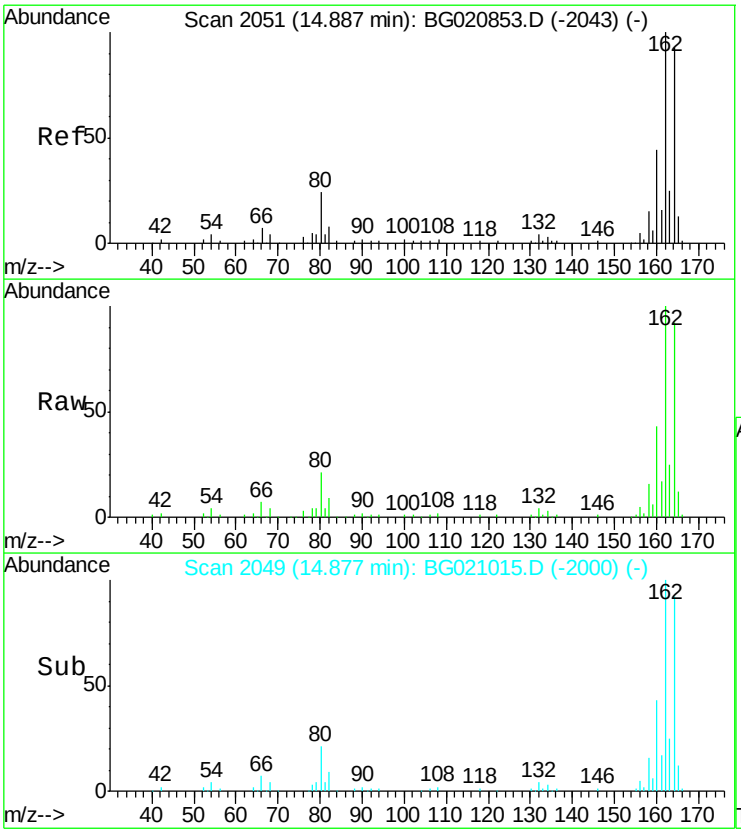
#37
2-Methylnaphthalene
Concen: 40.88 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 219741

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.2
115	27.4	23.0	34.6

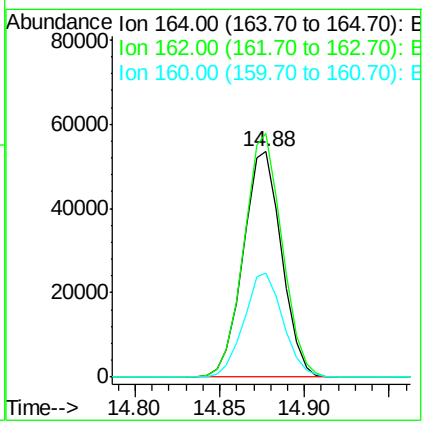


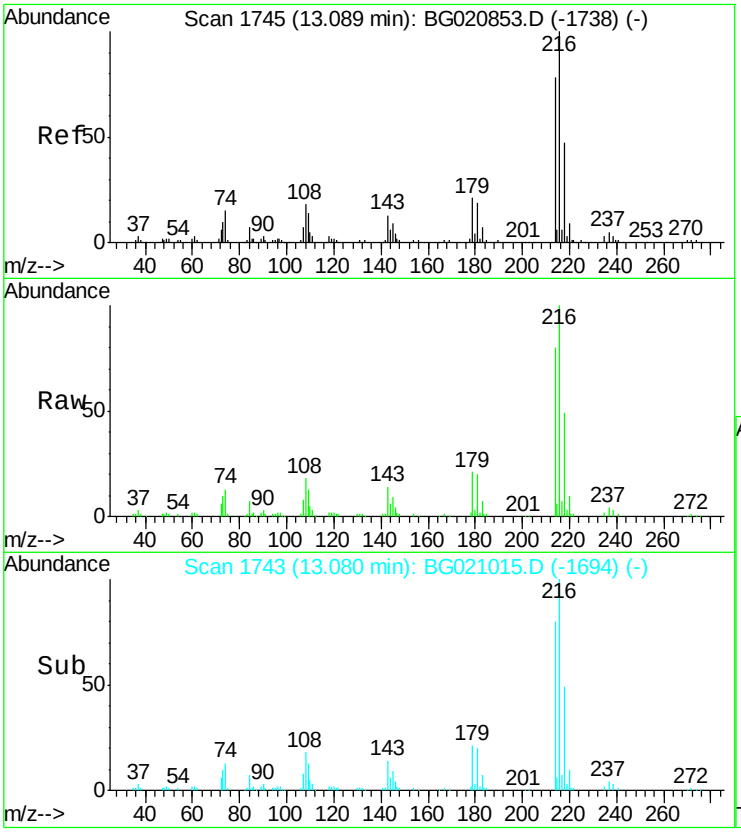


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:164 Resp: 84314

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.7	128.5
160	46.3	37.4	56.0



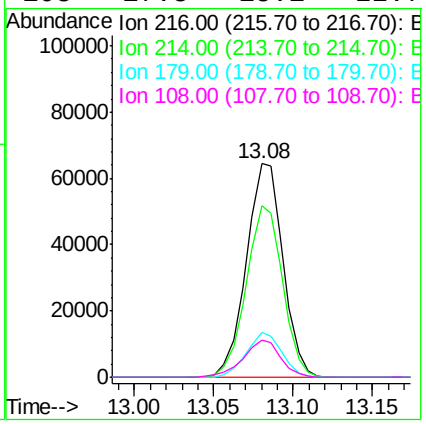


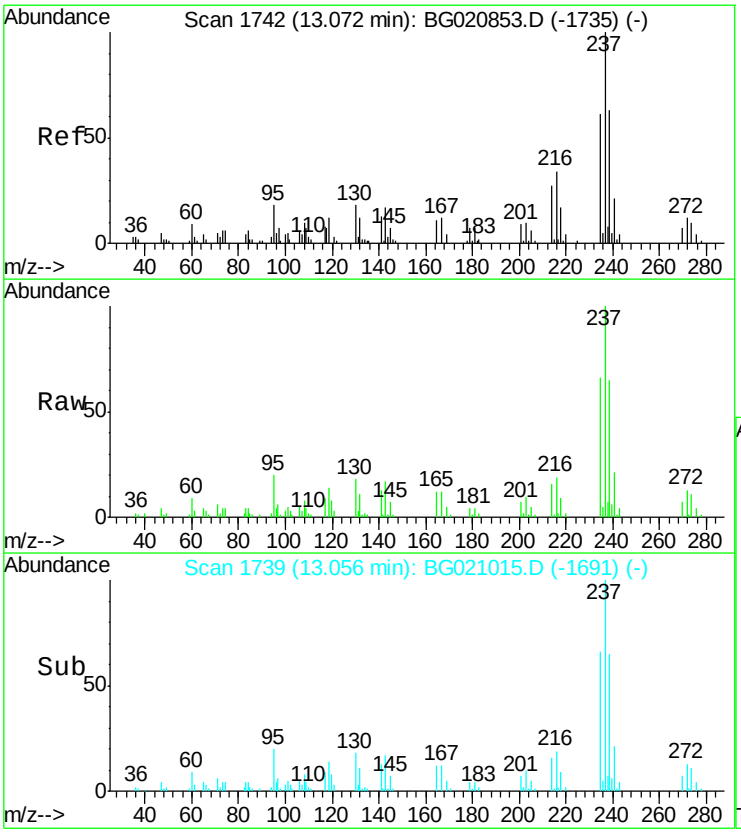
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.80 ng
RT: 13.08 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:216 Resp: 103382

Ion	Ratio	Lower	Upper
216	100		
214	79.4	61.9	92.9
179	20.4	16.5	24.7
108	17.8	15.1	22.7

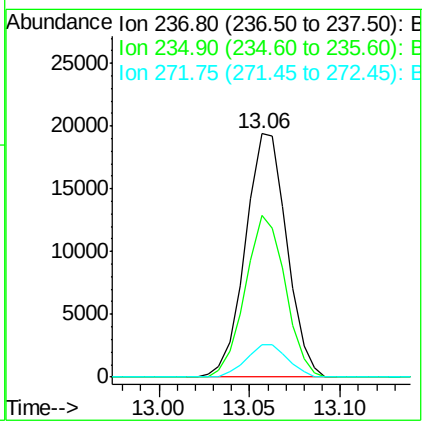


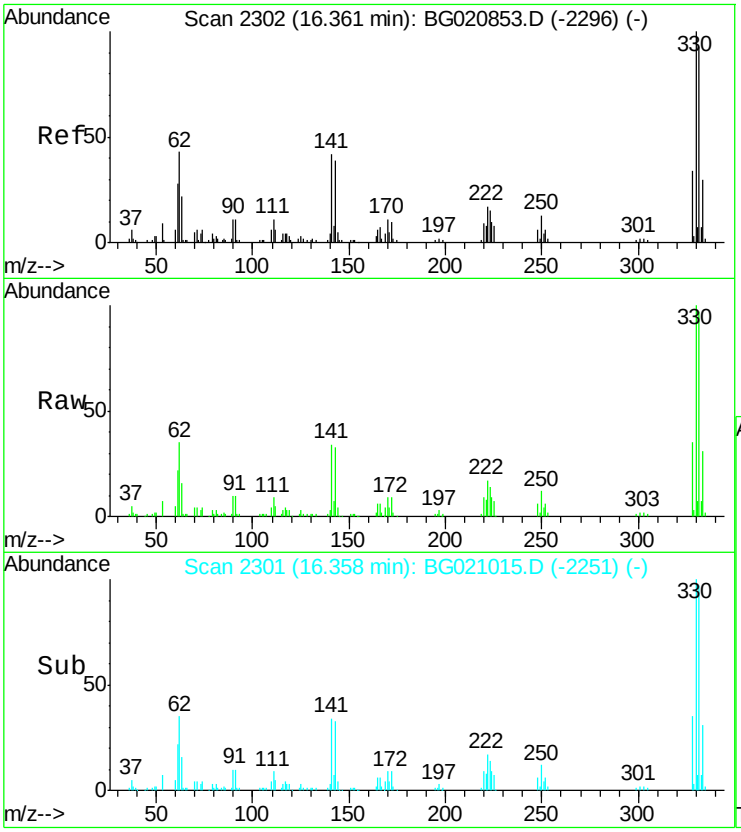


#40
Hexachlorocyclopentadiene
Concen: 28.44 ng
RT: 13.06 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:237 Resp: 30949

Ion	Ratio	Lower	Upper
237	100		
235	66.4	40.8	80.8
272	13.4	0.0	32.3



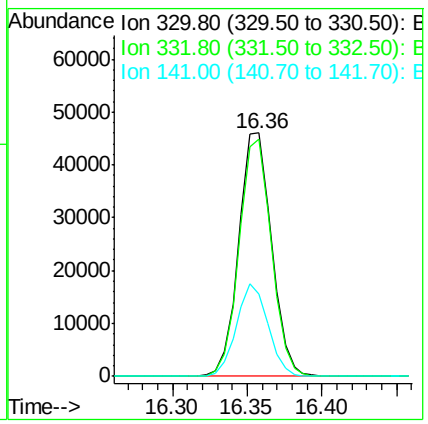


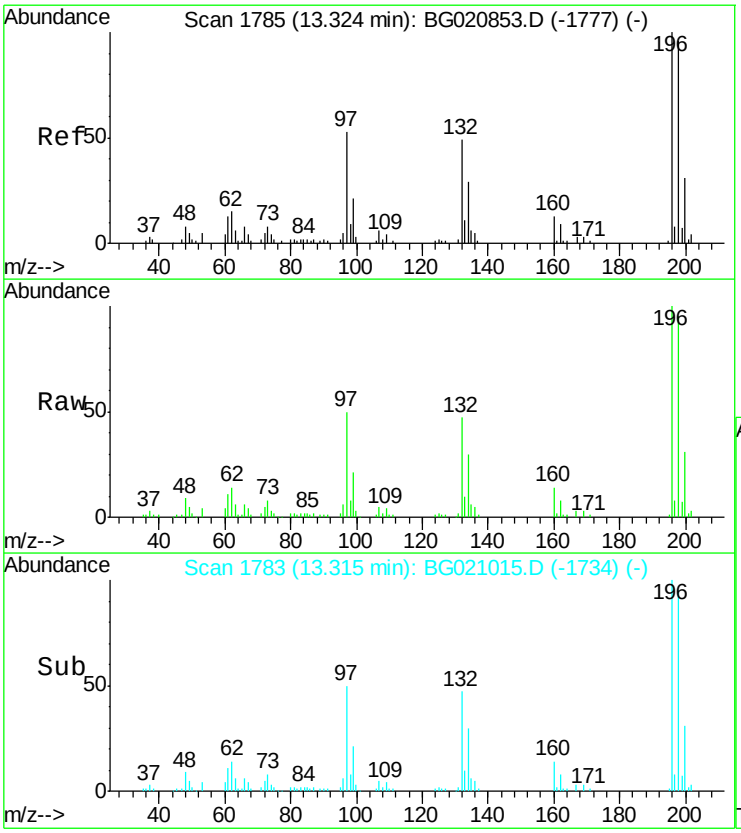
#41
2,4,6-Tribromophenol
Concen: 84.49 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:330 Resp: 70052

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	36.7	32.0	48.0

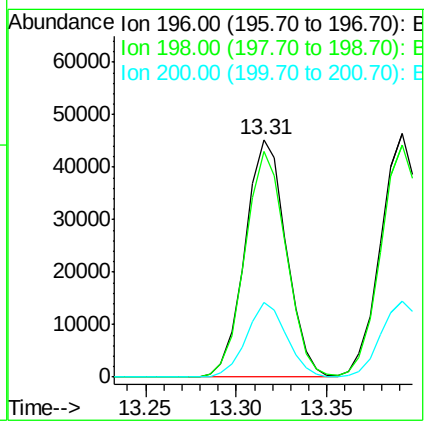


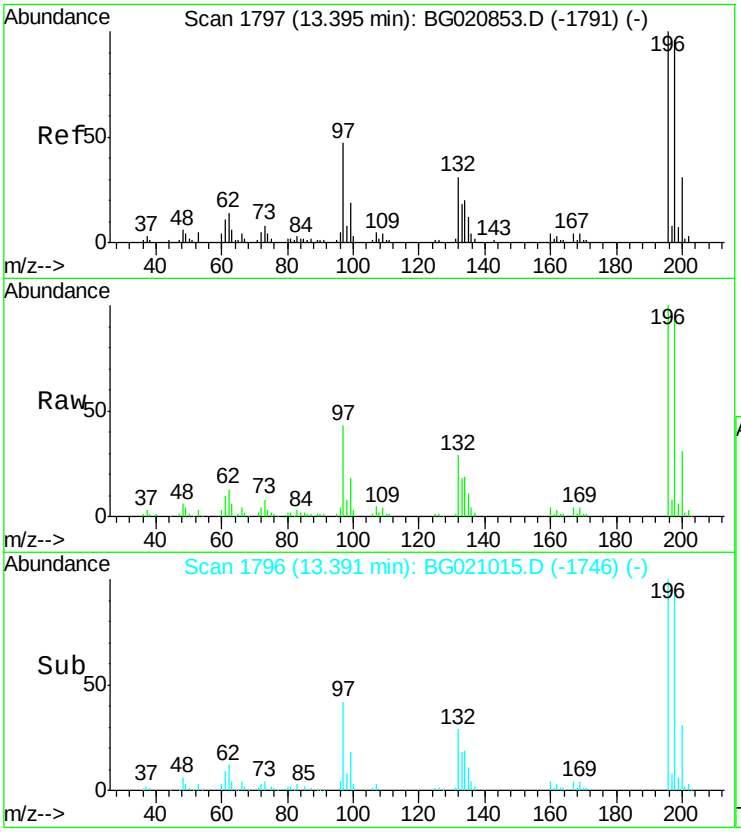


#42
2,4,6-Trichlorophenol
Concen: 43.10 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:196 Resp: 71609

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.1	115.7
200	31.2	24.7	37.1



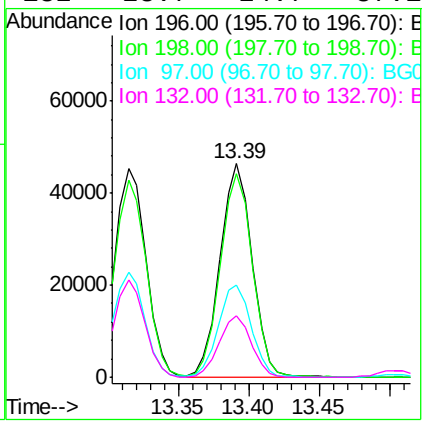


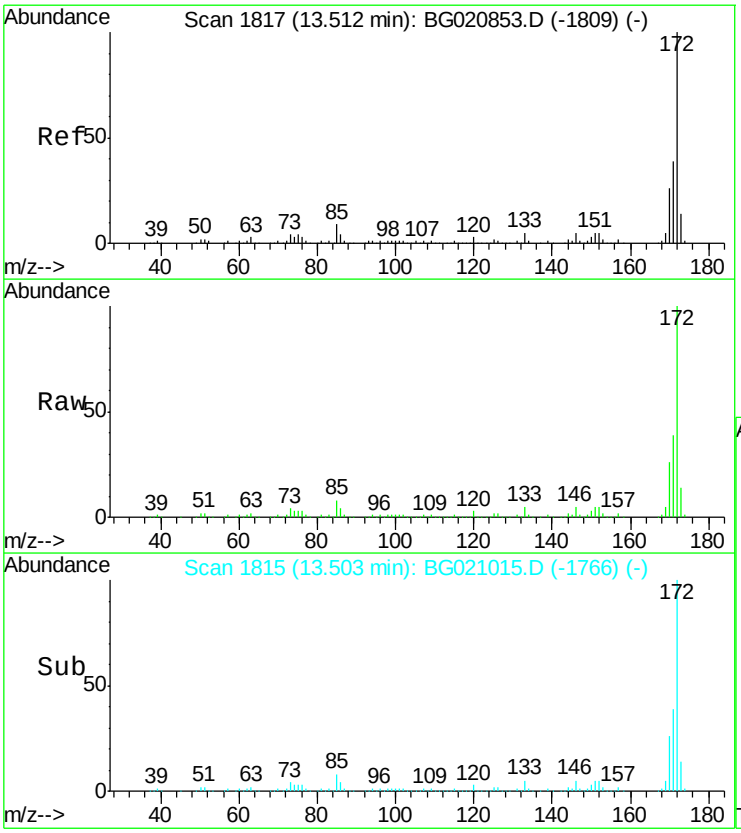
#43
2,4,5-Trichlorophenol
Concen: 41.99 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 73346

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.4	114.6
97	43.0	37.4	56.0
132	28.7	24.7	37.1

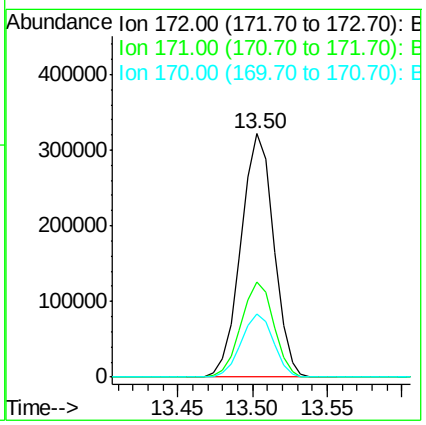


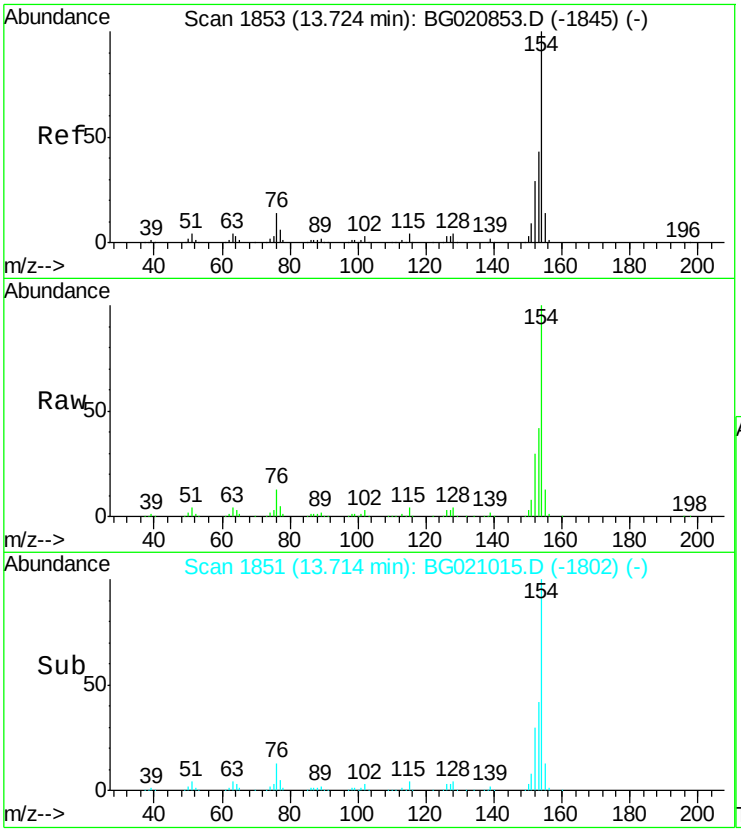


#44
2-Fluorobiphenyl
Concen: 81.50 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:172 Resp: 489204

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.2	46.8
170	25.9	20.6	30.8



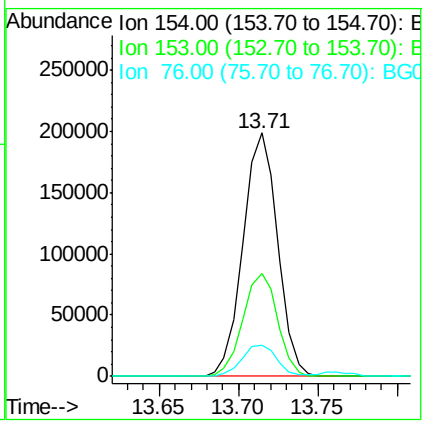


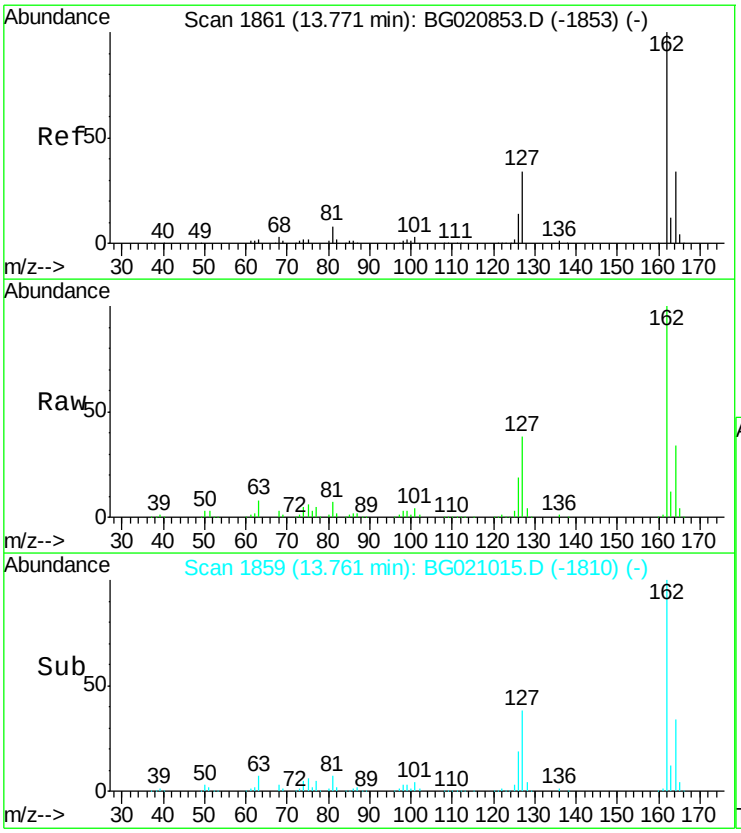
#45
1,1'-Biphenyl
Concen: 40.41 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:154 Resp: 300544

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.5	62.5
76	12.9	0.0	33.8

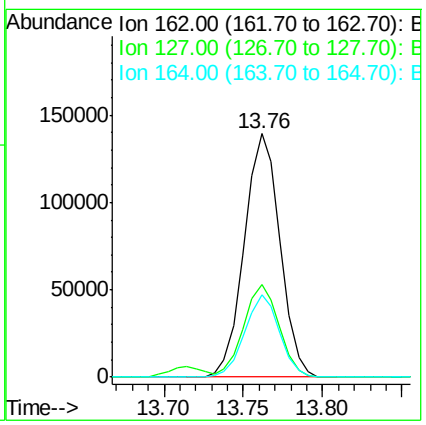


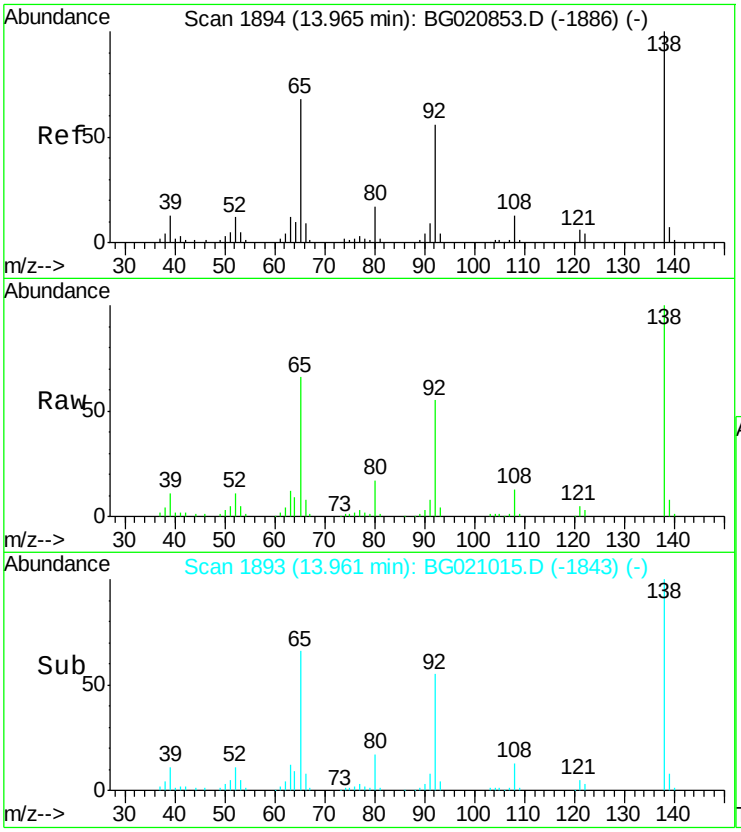


#46
2-Chloronaphthalene
Concen: 40.93 ng
RT: 13.76 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:162 Resp: 217975

Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	33.7	26.8	40.2



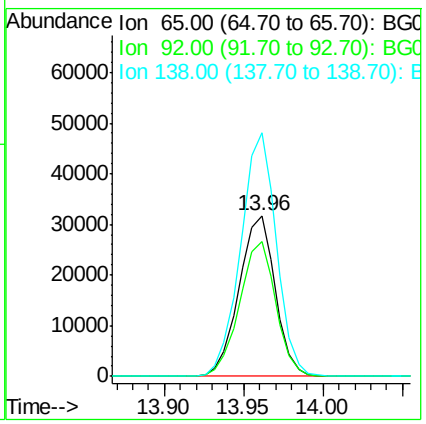


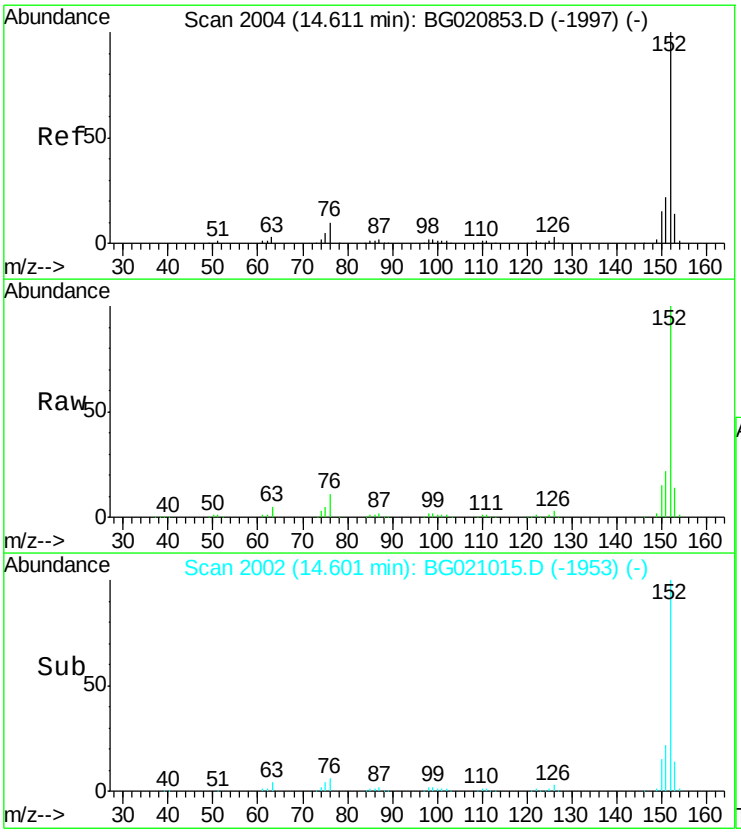
#47
2-Nitroaniline
Concen: 39.20 ng
RT: 13.96 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 49986

Ion	Ratio	Lower	Upper
65	100		
92	83.4	65.8	98.8
138	151.3	117.1	175.7

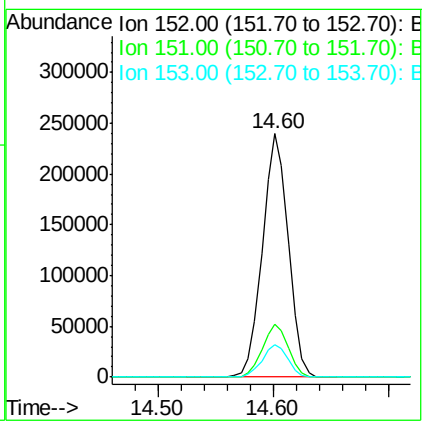


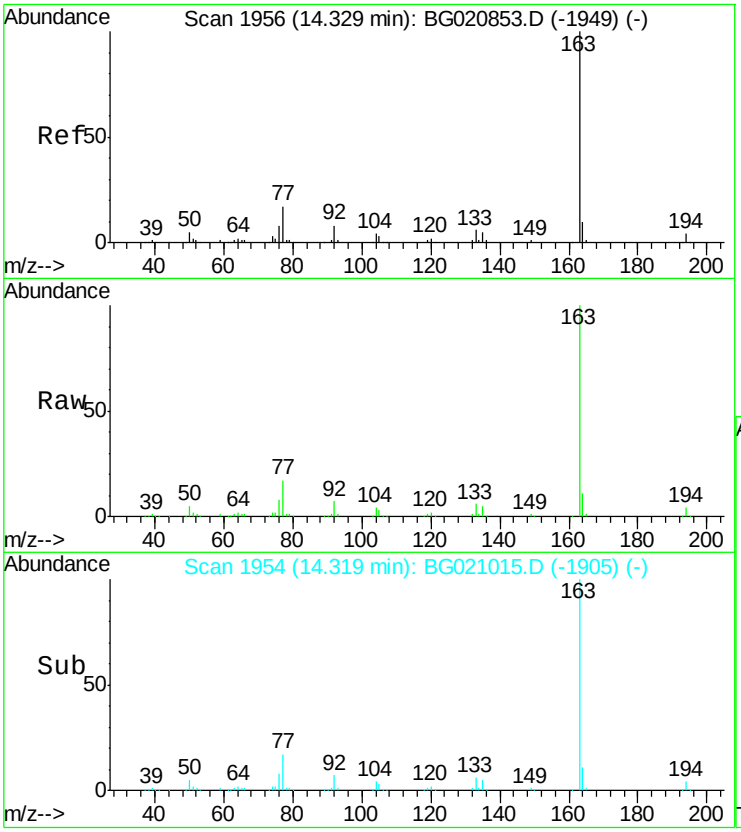


#48
Acenaphthylene
Concen: 40.28 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:152 Resp: 372987

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.5	26.3
153	13.6	10.9	16.3



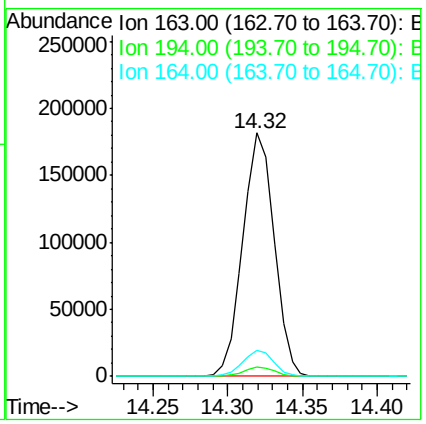


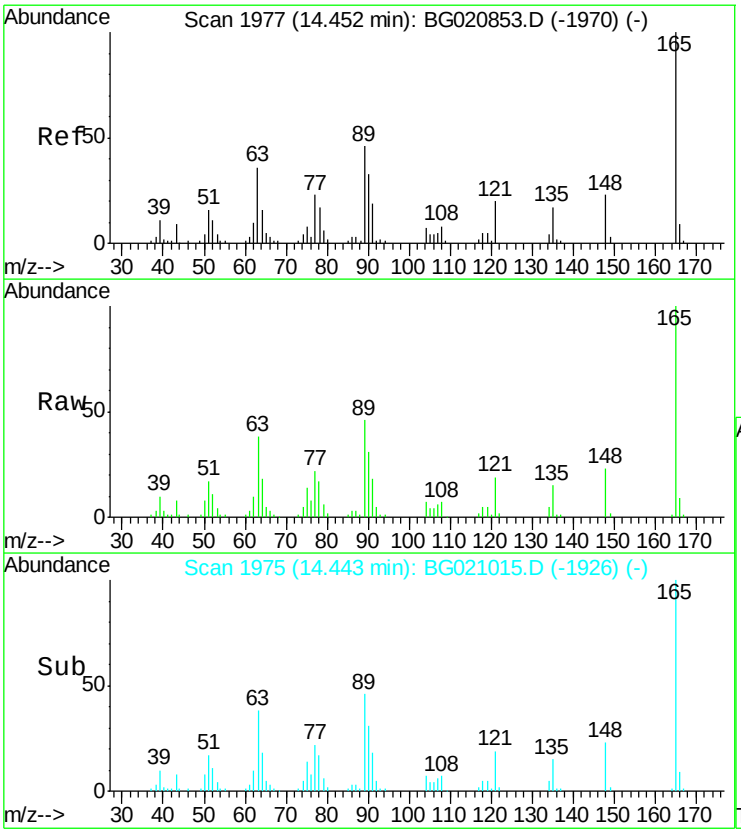
#49
Dimethylphthalate
Concen: 40.09 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 264326

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.7	8.3	12.5

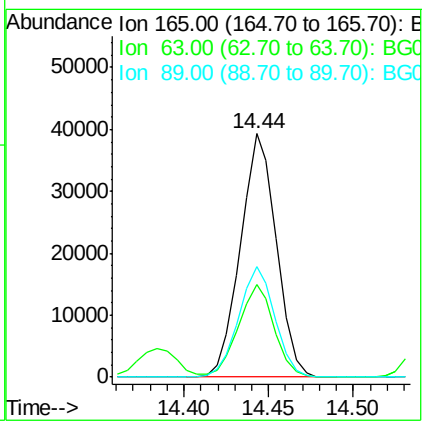


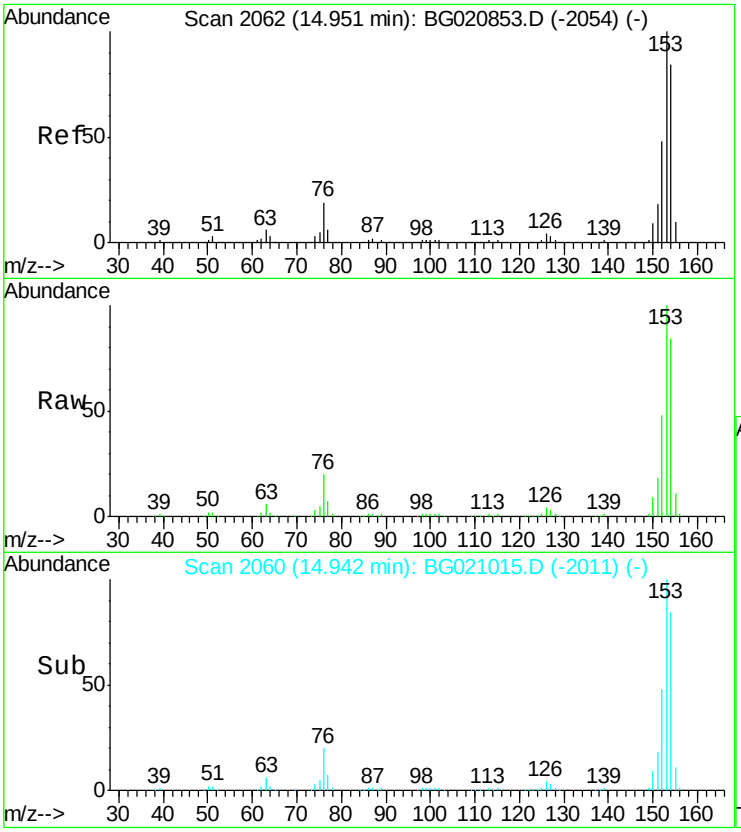


#50
2,6-Dinitrotoluene
Concen: 41.09 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:165 Resp: 58057

Ion	Ratio	Lower	Upper
165	100		
63	37.9	30.3	45.5
89	45.5	36.9	55.3



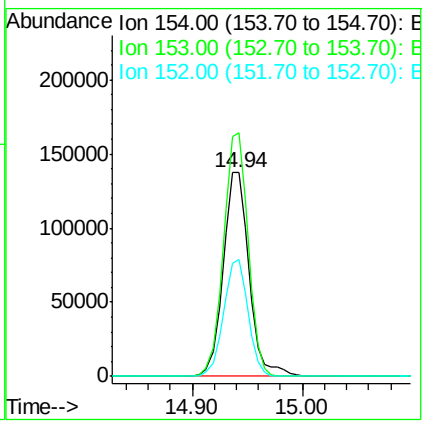


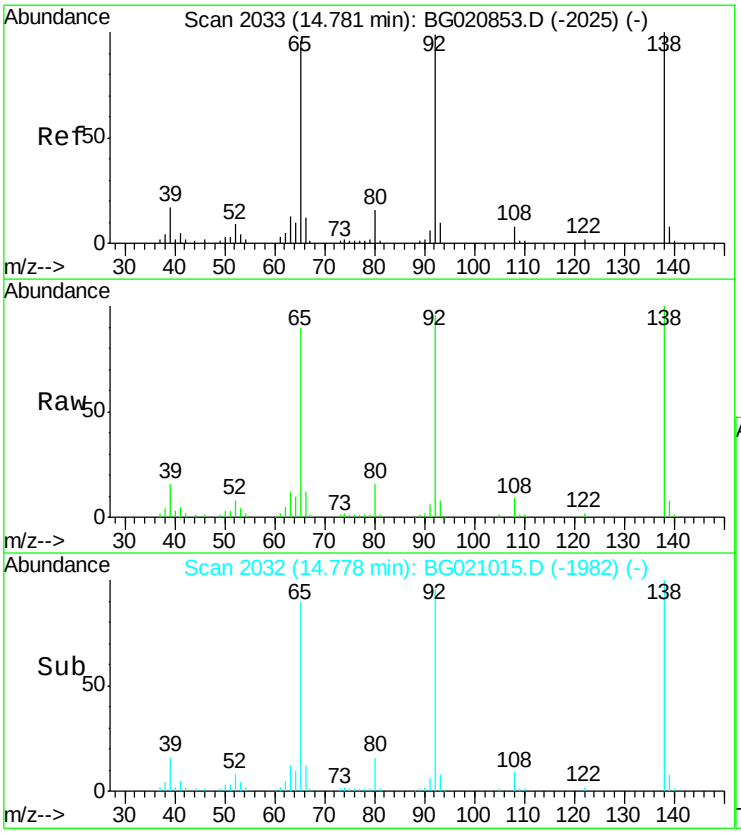
#51
Acenaphthene
Concen: 40.24 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:154 Resp: 225905

Ion	Ratio	Lower	Upper
154	100		
153	119.6	95.4	143.0
152	57.1	46.1	69.1

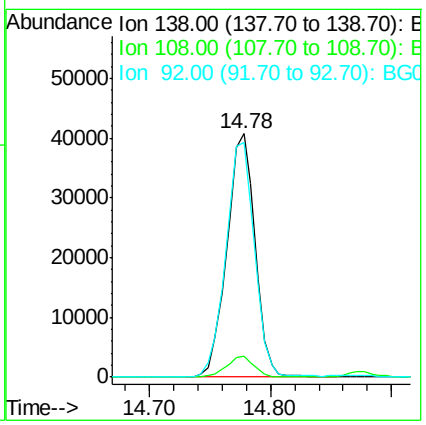


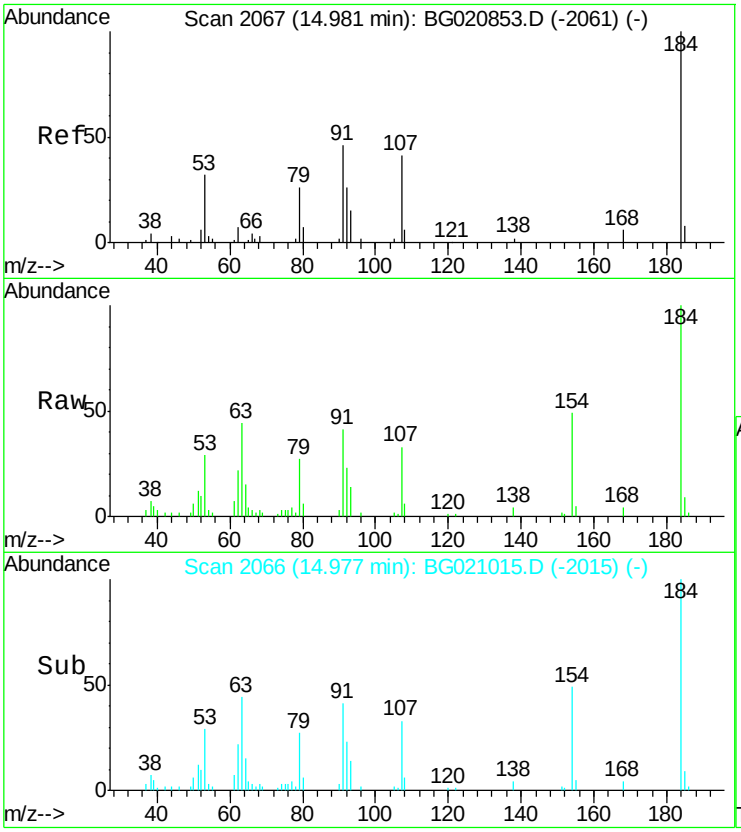


#52
3-Nitroaniline
Concen: 40.18 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:138 Resp: 65964

Ion	Ratio	Lower	Upper
138	100		
108	8.7	6.2	9.2
92	96.5	79.5	119.3



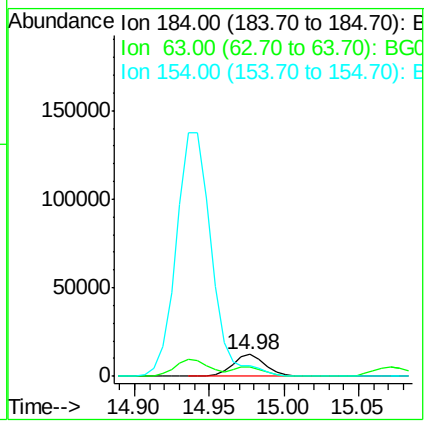


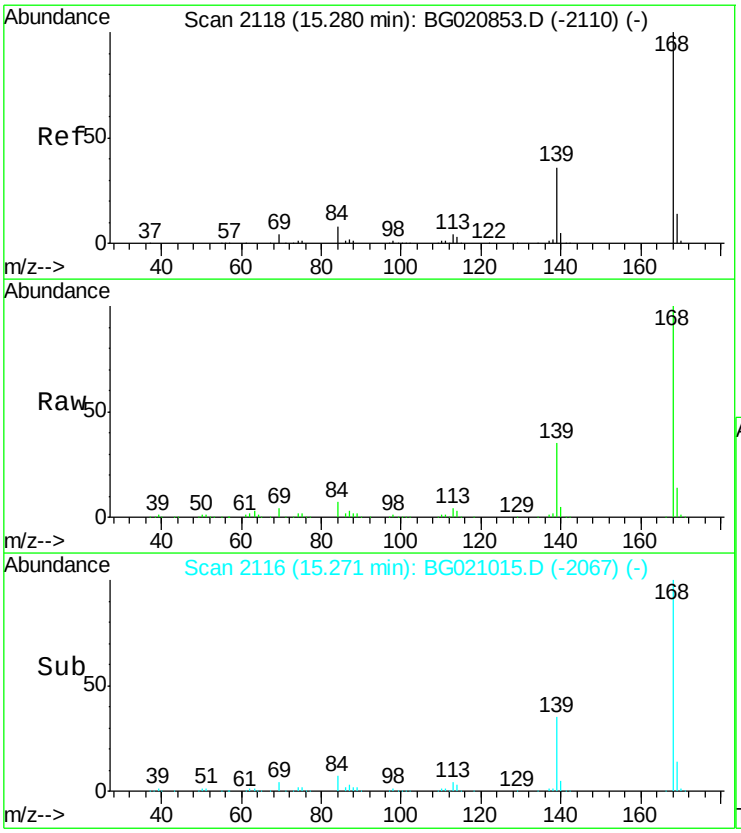
#53
2,4-Dinitrophenol
Concen: 36.62 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 18881

Ion	Ratio	Lower	Upper
184	100		
63	43.6	39.8	59.6
154	49.1	48.1	72.1

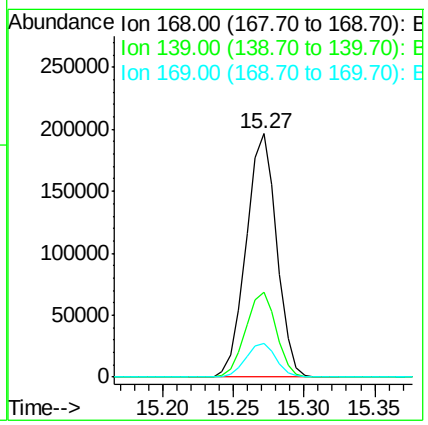


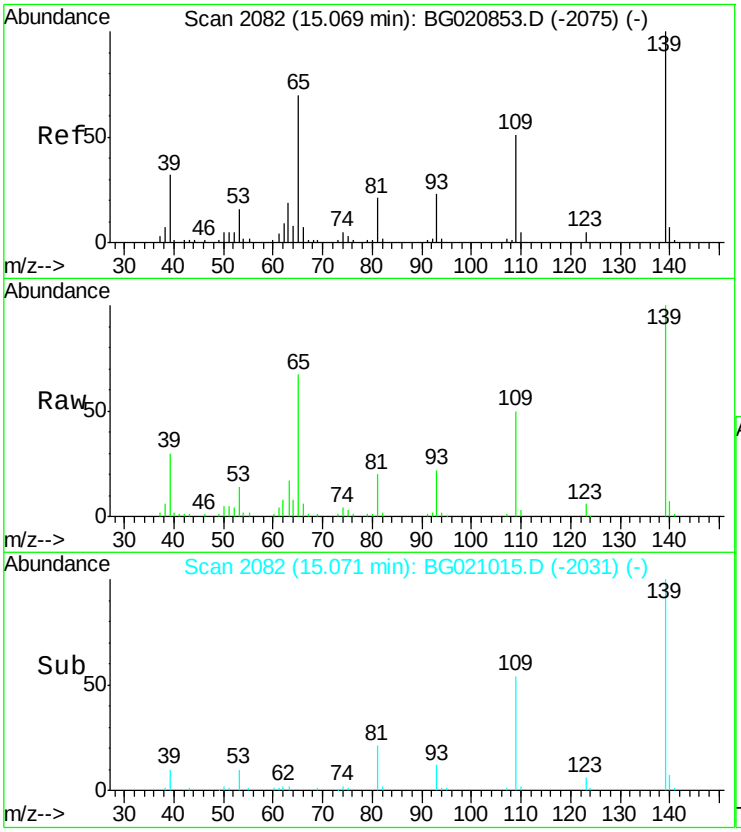


#54
Dibenzofuran
Concen: 40.10 ng
RT: 15.27 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:168 Resp: 297816

Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.5	42.7
169	13.6	11.0	16.4



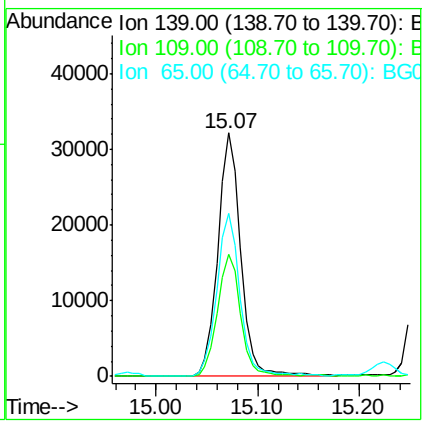


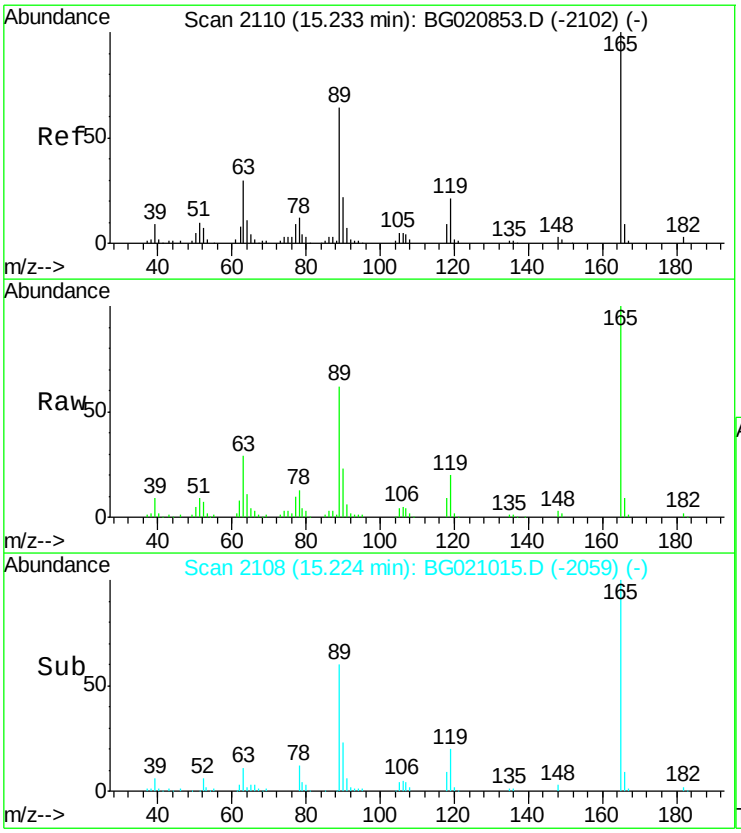
#55
4-Nitrophenol
Concen: 40.76 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 50529

Ion	Ratio	Lower	Upper
139	100		
109	50.2	31.0	71.0
65	67.2	49.6	89.6

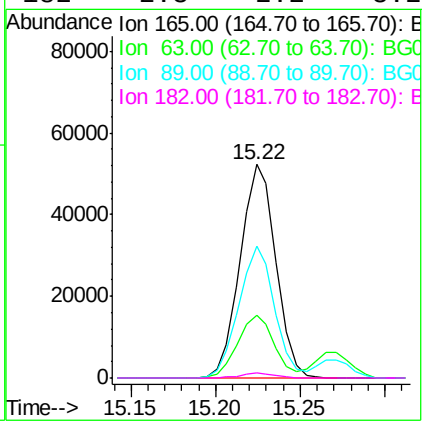


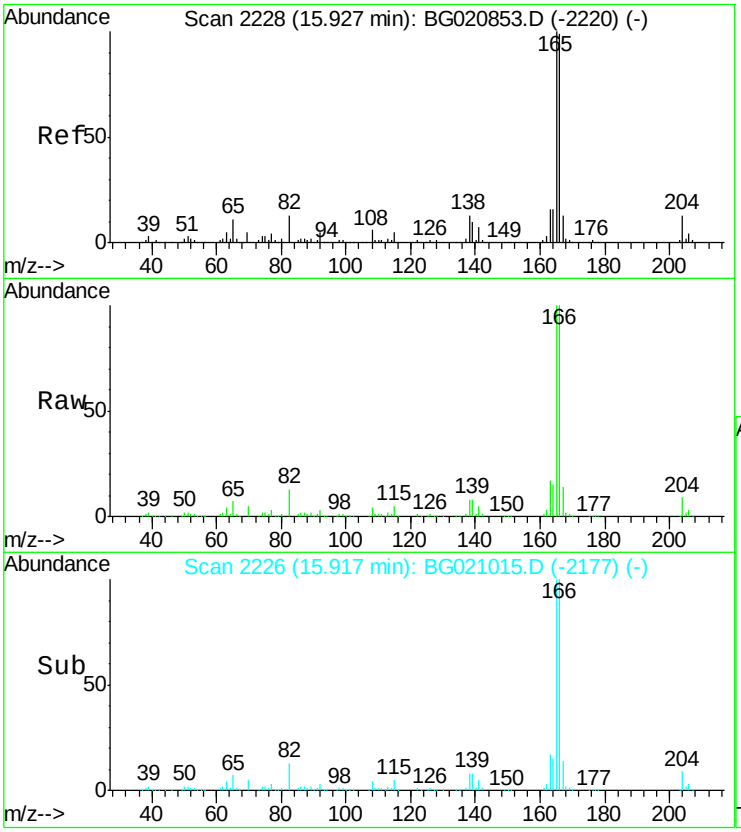


#56
2,4-Dinitrotoluene
Concen: 42.09 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:165 Resp: 76860

Ion	Ratio	Lower	Upper
165	100		
63	29.2	23.7	35.5
89	61.8	50.9	76.3
182	2.3	2.2	3.2



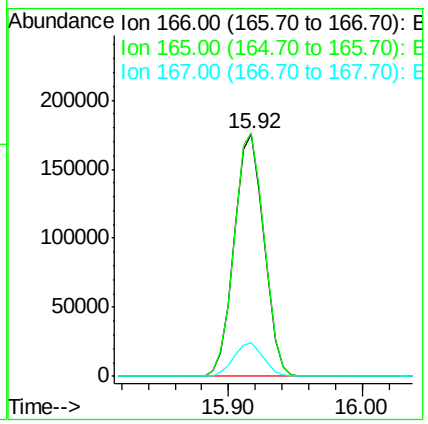


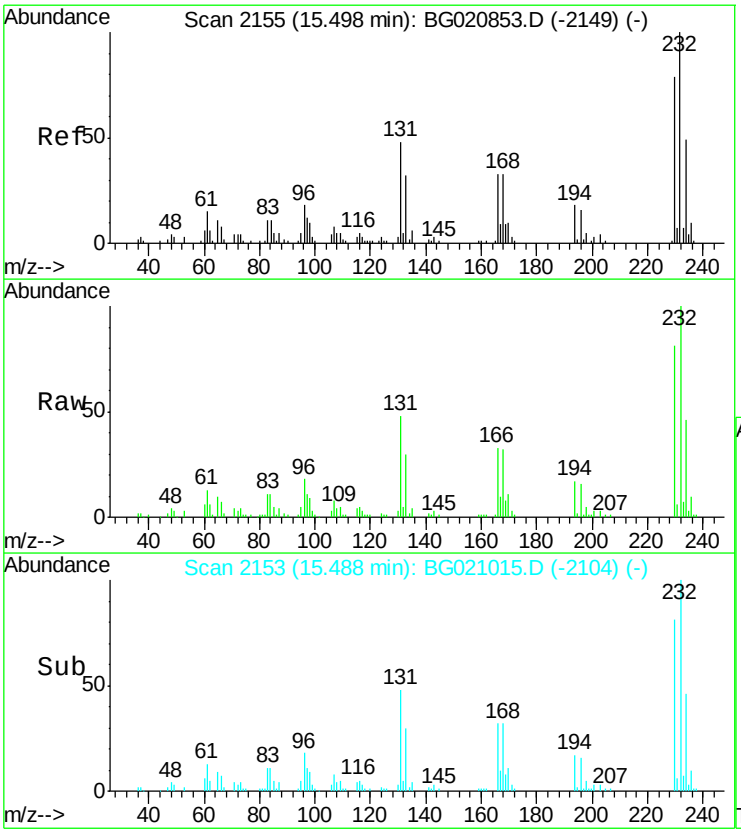
#57
Fluorene
Concen: 39.65 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:166 Resp: 271109

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.0	121.4
167	13.7	10.8	16.2

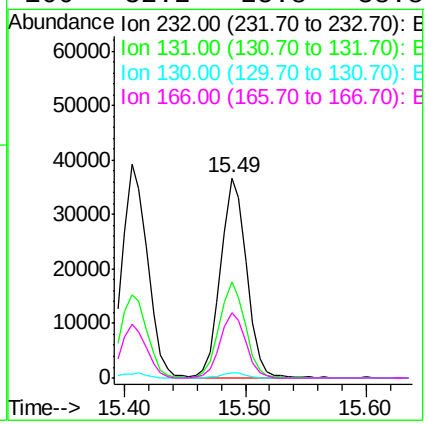


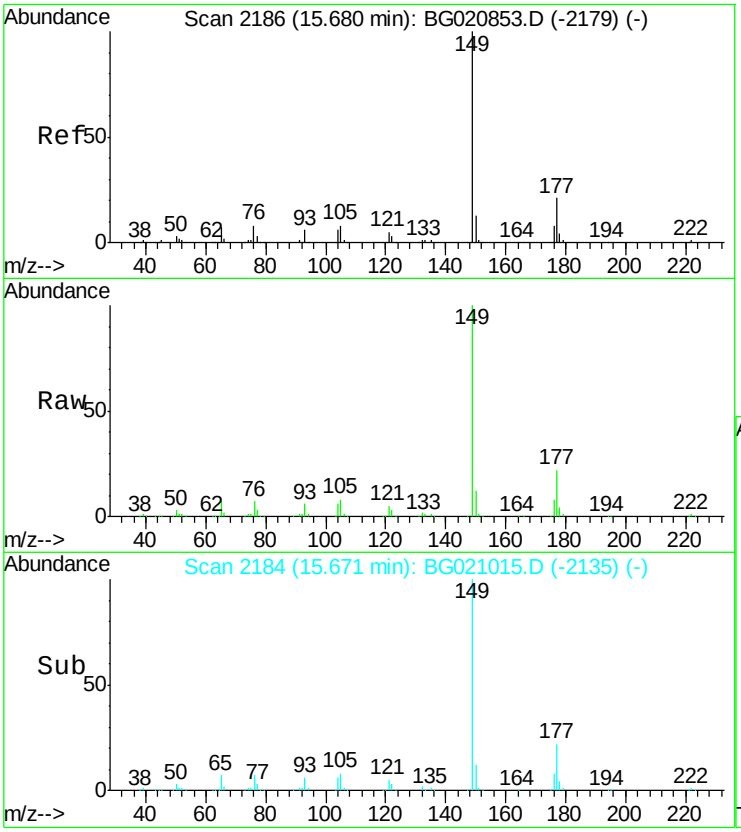


#58
2,3,4,6-Tetrachlorophenol
Concen: 40.98 ng
RT: 15.49 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:232 Resp: 54545

Ion	Ratio	Lower	Upper
232	100		
131	47.5	39.2	58.8
130	2.4	2.0	3.0
166	32.2	25.8	38.8



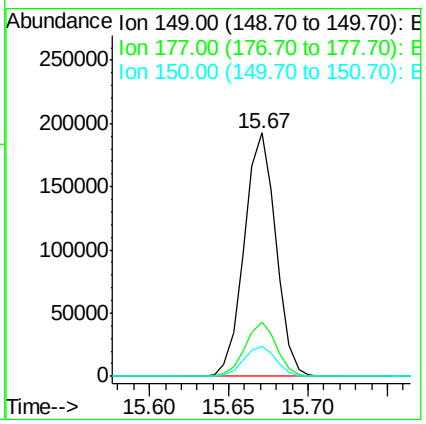


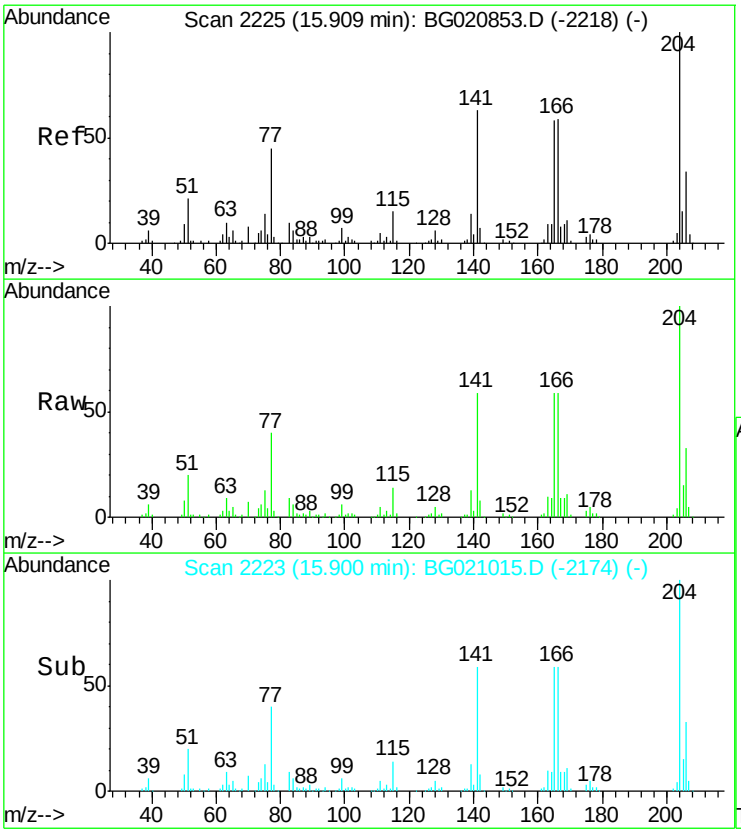
#59
Diethylphthalate
Concen: 39.31 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 266426

Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.9	25.3
150	12.4	10.1	15.1

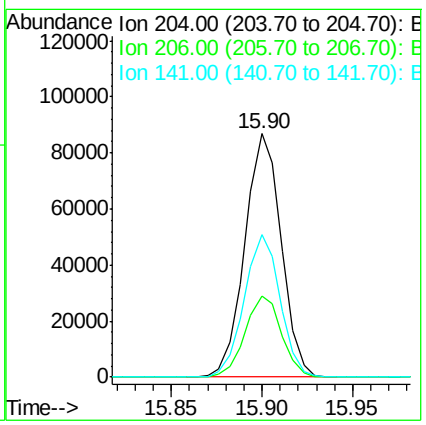


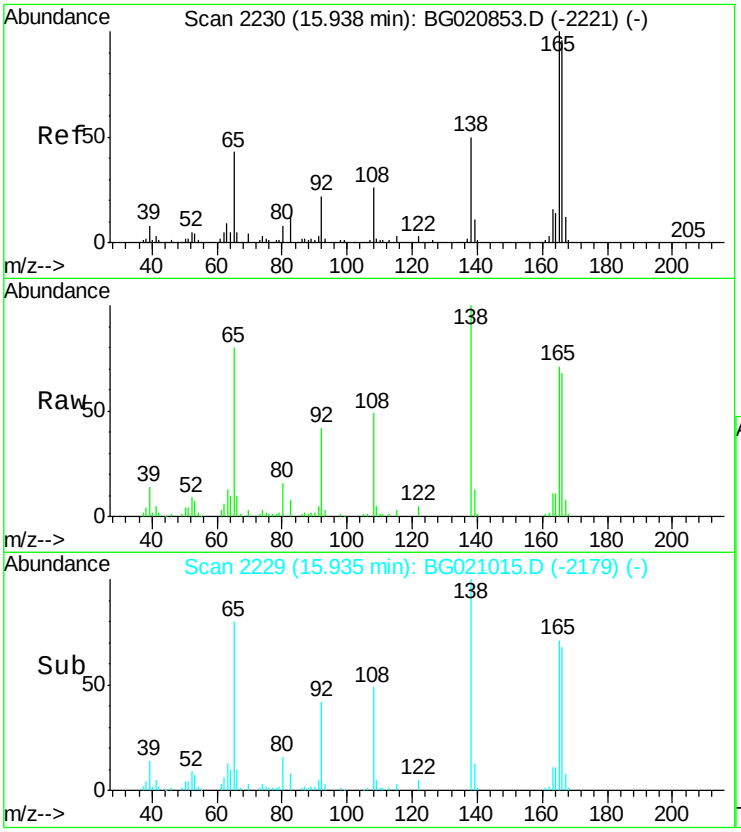


#60
4-Chlorophenyl-phenylether
Concen: 40.01 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:204 Resp: 121533

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	58.8	50.3	75.5



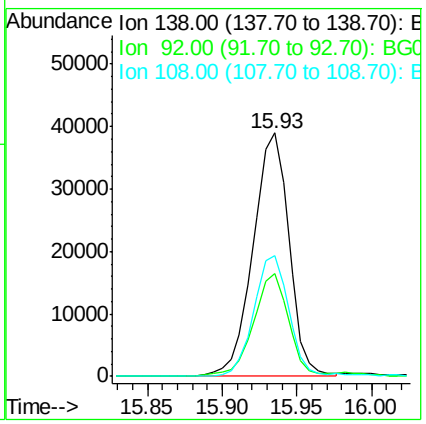


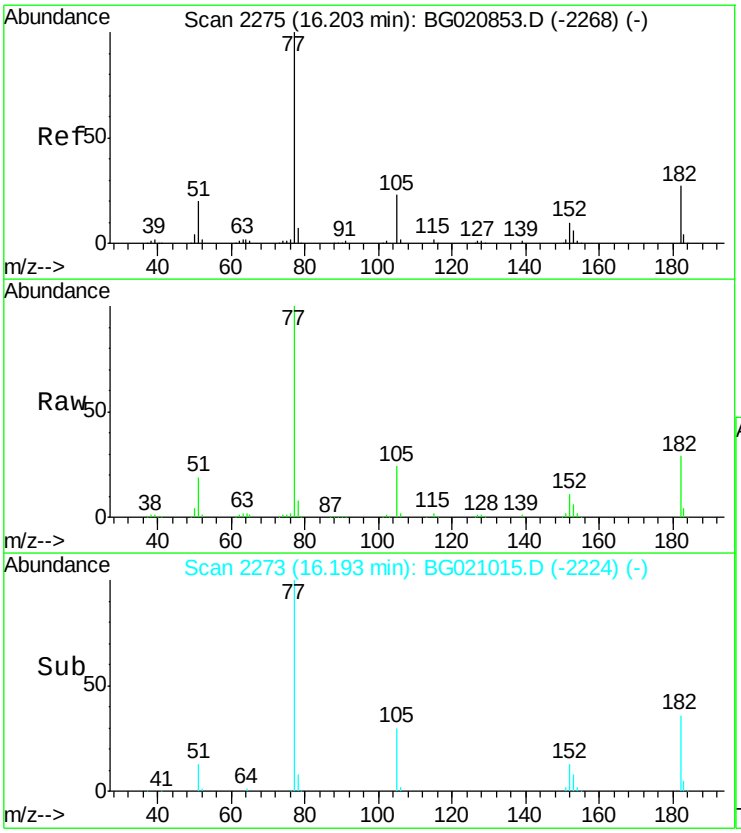
#61
4-Nitroaniline
Concen: 39.34 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 64832

Ion	Ratio	Lower	Upper
138	100		
92	42.5	24.1	64.1
108	49.4	32.4	72.4

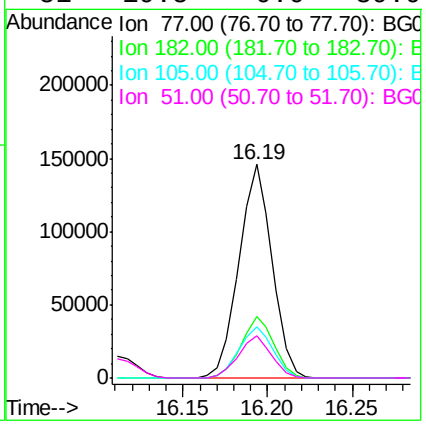


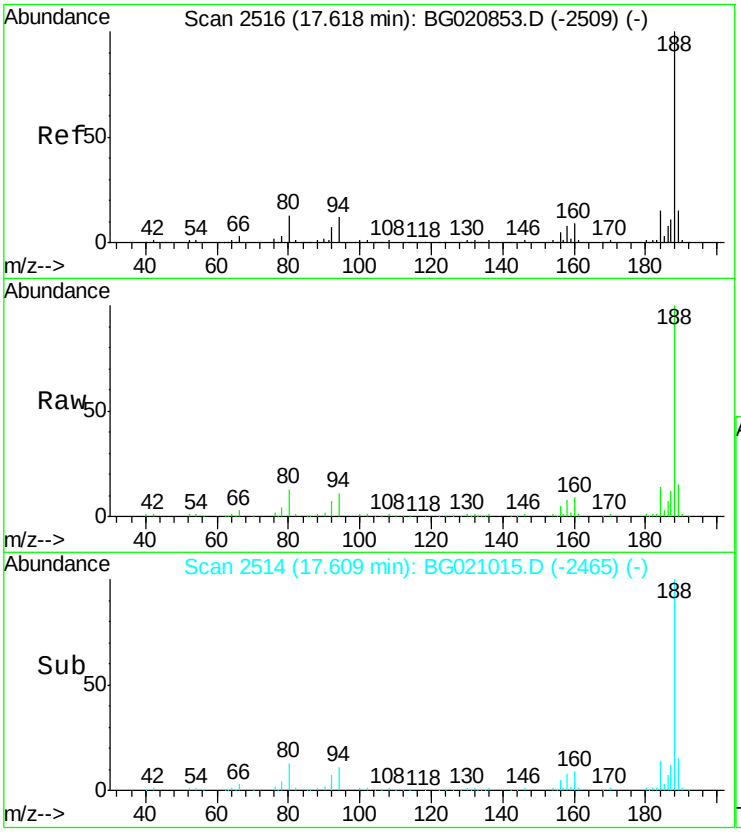


#62
Azobenzene
Concen: 37.32 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion: 77 Resp: 198864

Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.8	46.8
105	24.0	3.4	43.4
51	19.5	0.0	39.9



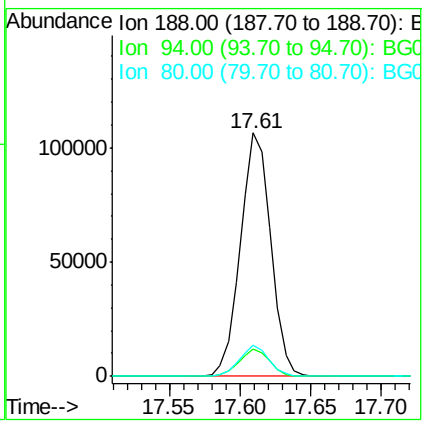


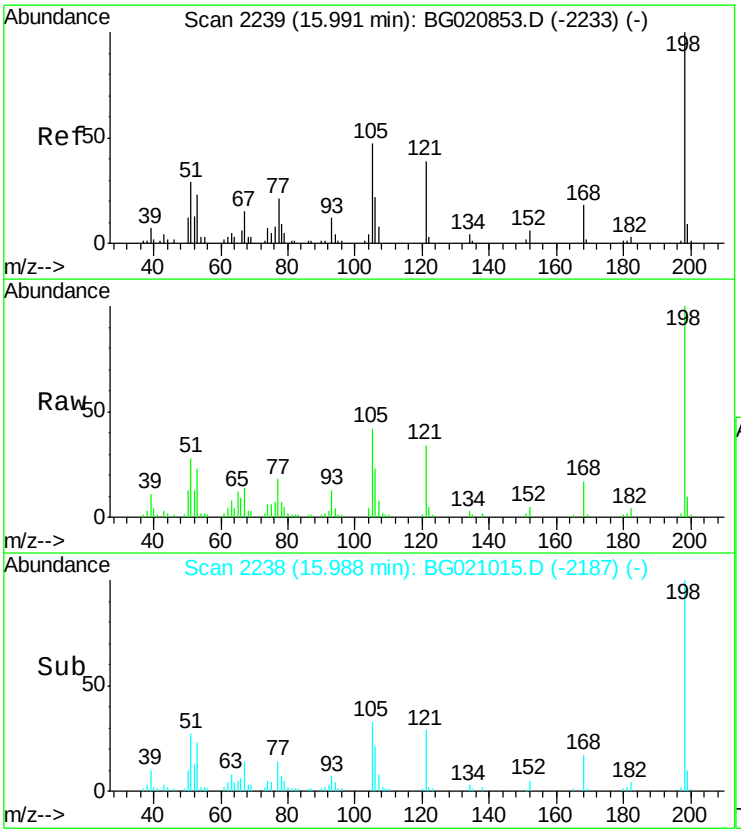
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 160009

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.0
80	12.5	10.2	15.4

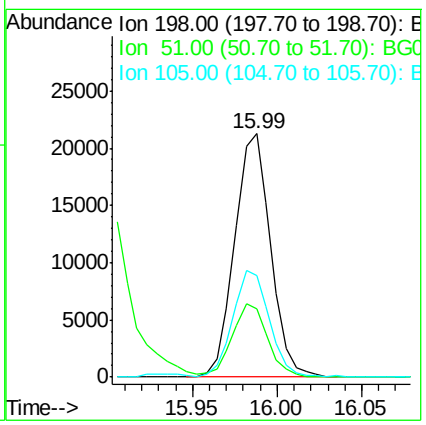


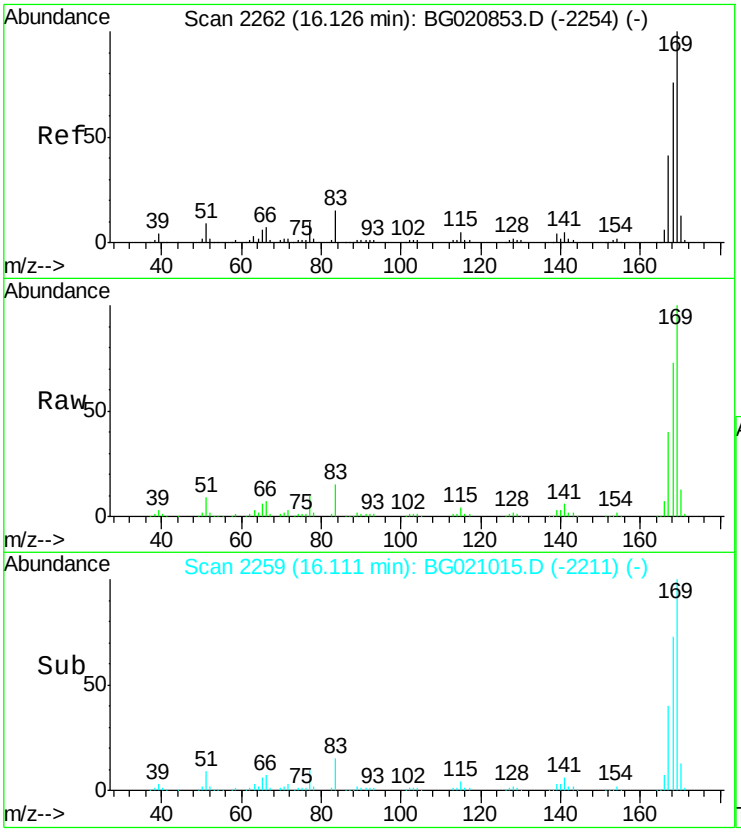


#64
4,6-Dinitro-2-methylphenol
Concen: 39.70 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:198 Resp: 31410

Ion	Ratio	Lower	Upper
198	100		
51	28.0	10.6	50.6
105	41.9	27.0	67.0



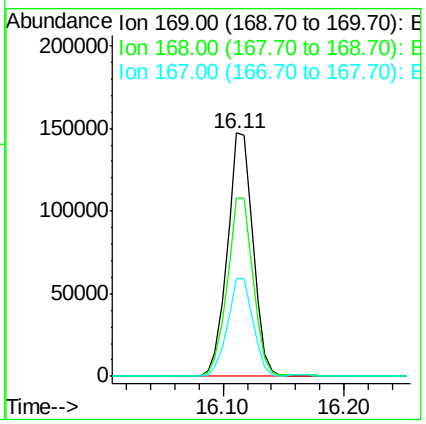


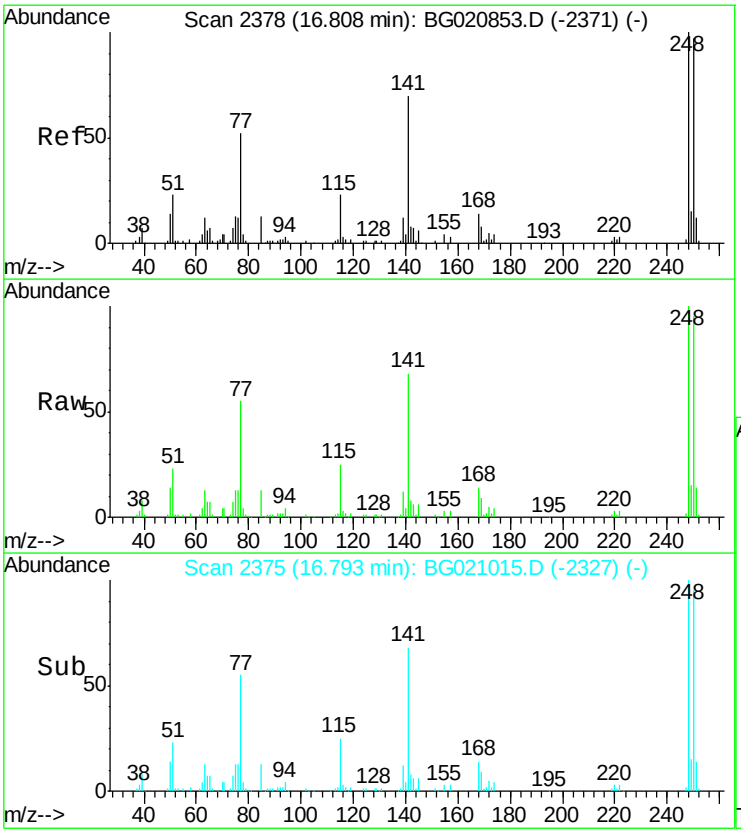
#65
n-Nitrosodiphenylamine
Concen: 41.96 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:169 Resp: 216928

Ion	Ratio	Lower	Upper
169	100		
168	73.0	60.7	91.1
167	40.3	32.8	49.2

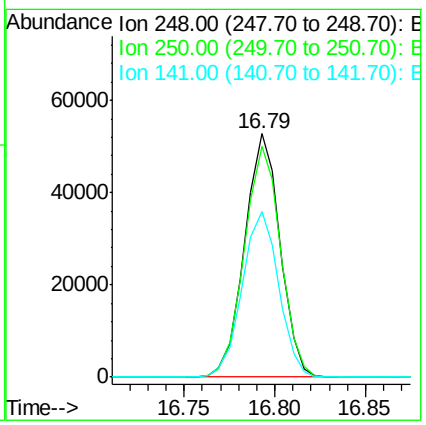


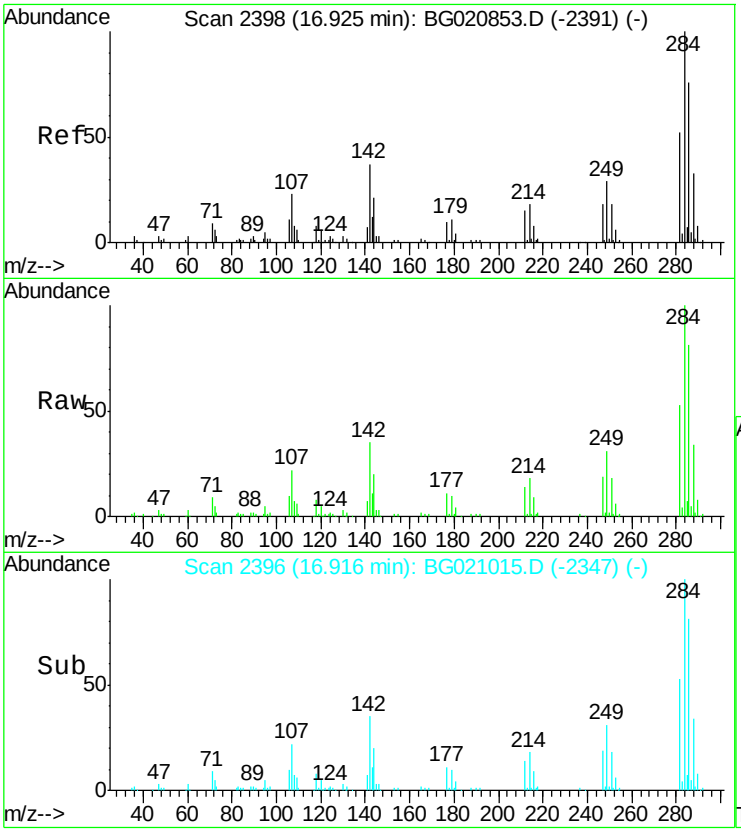


#66
4-Bromophenyl-phenylether
Concen: 42.46 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:248 Resp: 71748

Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.4	116.2
141	67.9	55.7	83.5



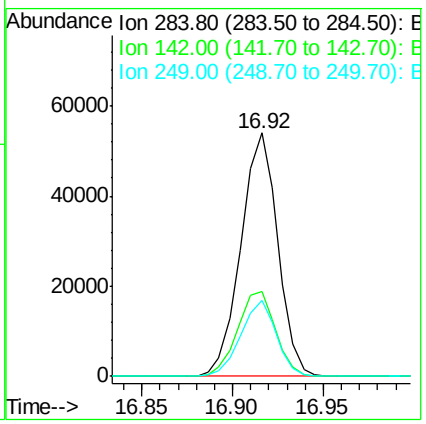


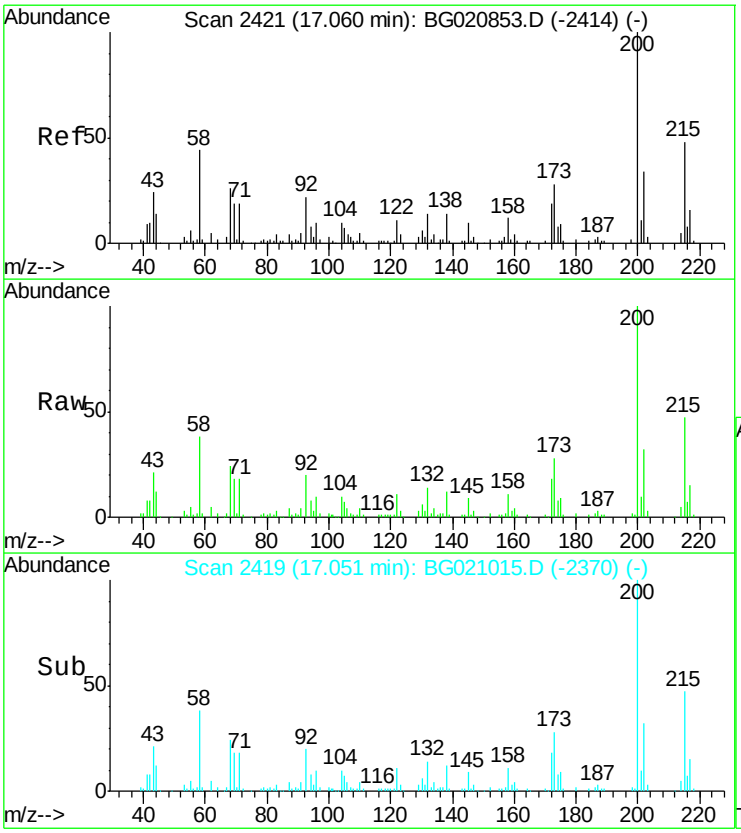
#67
Hexachlorobenzene
Concen: 42.50 ng
RT: 16.92 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 76424

Ion	Ratio	Lower	Upper
284	100		
142	35.0	29.9	44.9
249	31.3	23.3	34.9

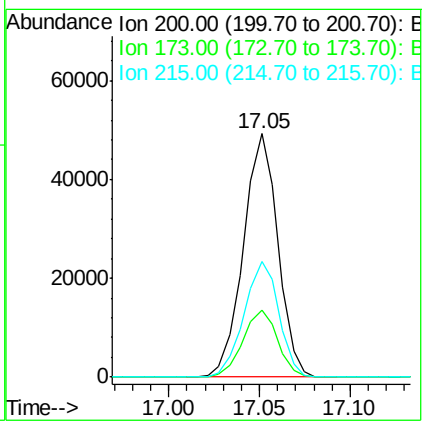


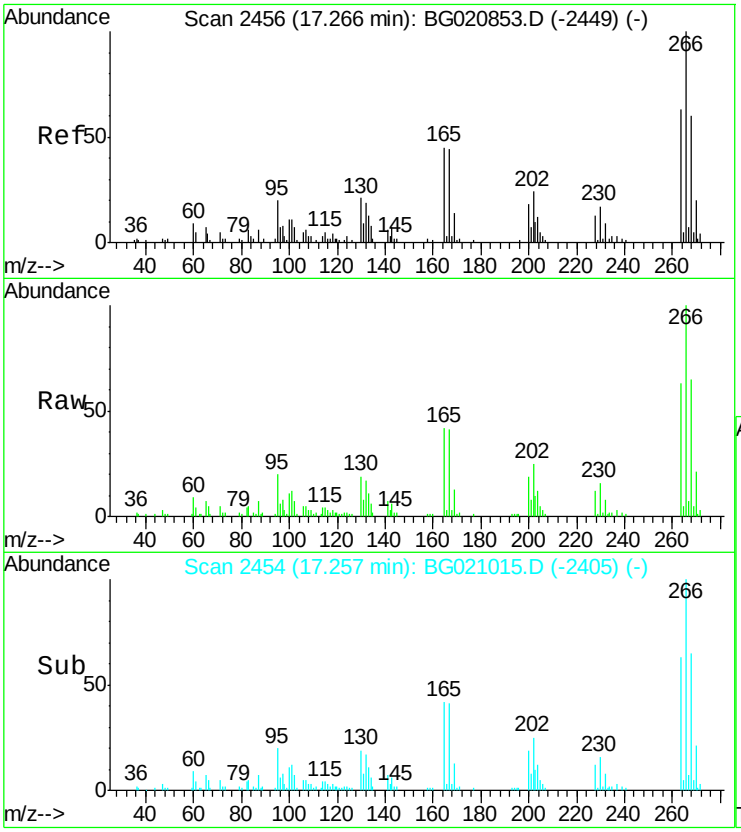


#68
Atrazine
Concen: 41.43 ng
RT: 17.05 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:200 Resp: 64995

Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.4	48.4
215	47.4	28.2	68.2



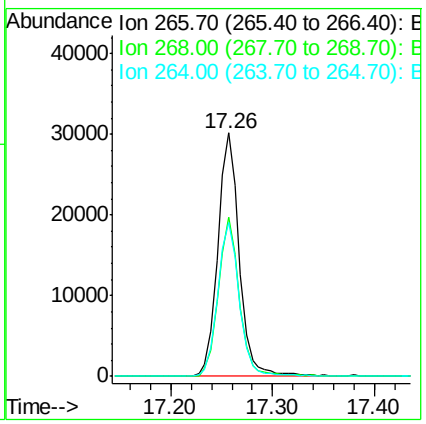


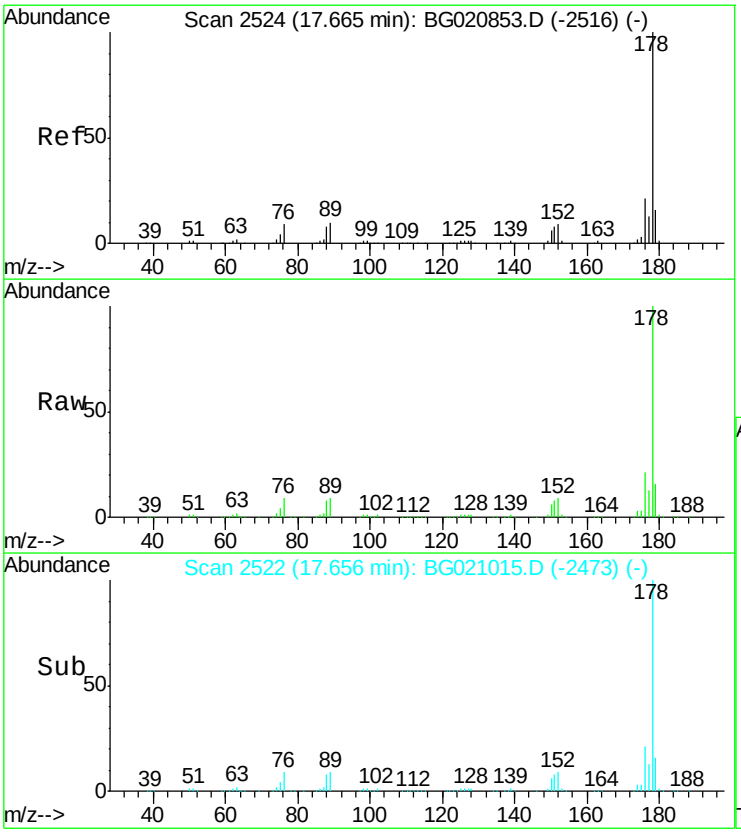
#69
Pentachlorophenol
Concen: 42.78 ng
RT: 17.26 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:266 Resp: 44107

Ion	Ratio	Lower	Upper
266	100		
268	65.5	47.8	71.6
264	63.2	50.2	75.4

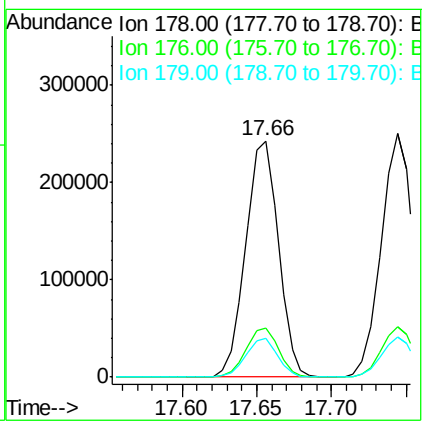


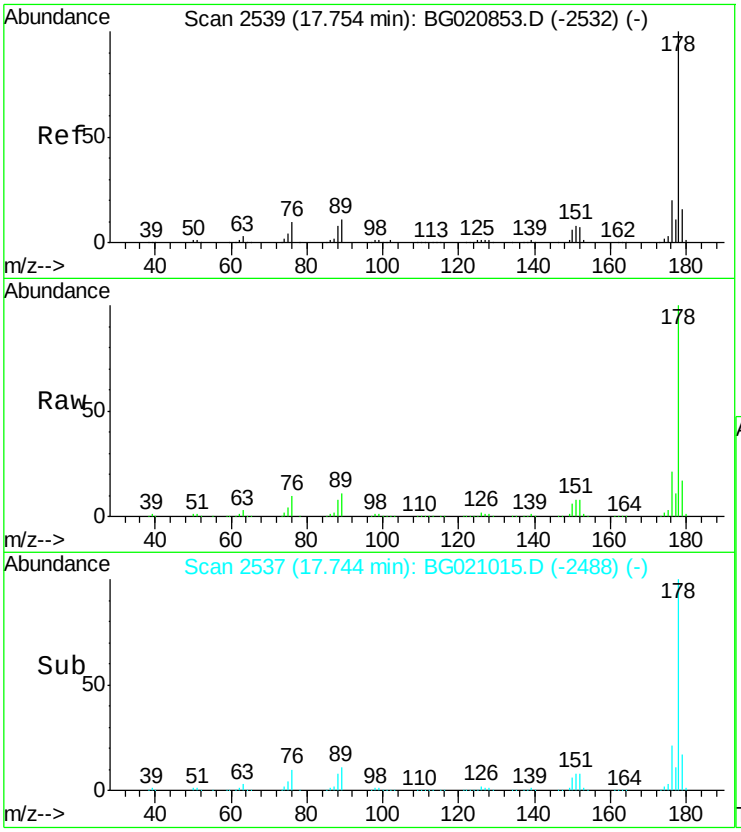


#70
Phenanthrene
Concen: 40.33 ng
RT: 17.66 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:178 Resp: 367446

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	16.3	12.6	19.0



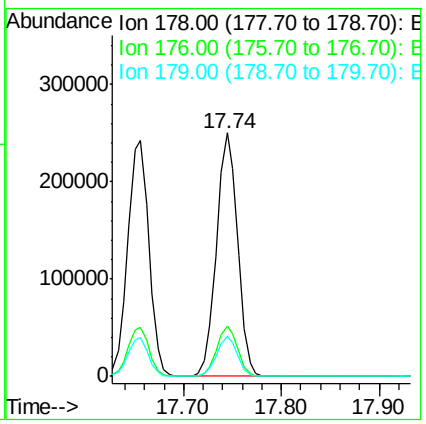


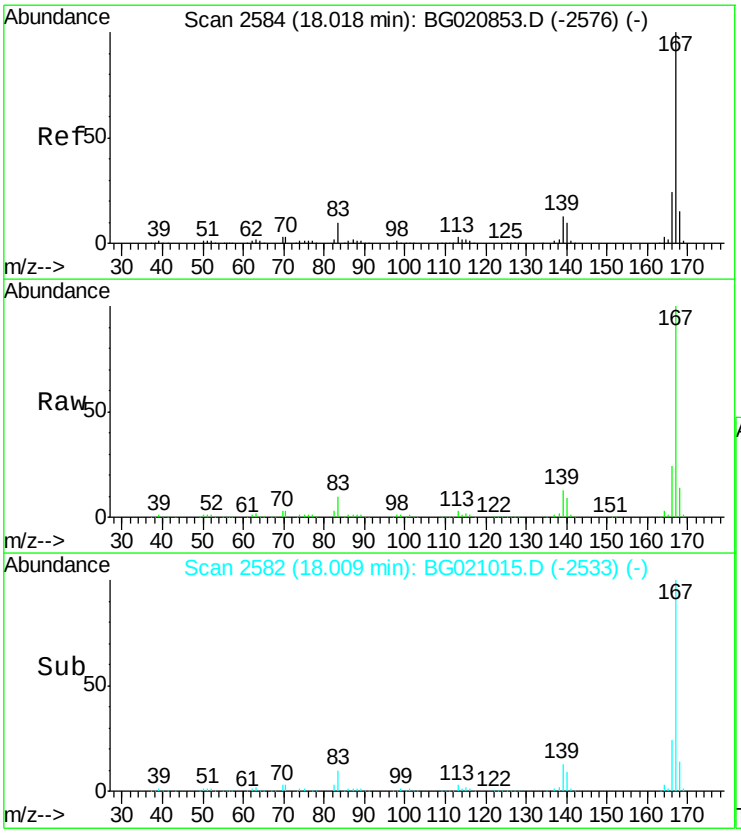
#71
Anthracene
Concen: 40.45 ng
RT: 17.74 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 374000

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.5	12.7	19.1

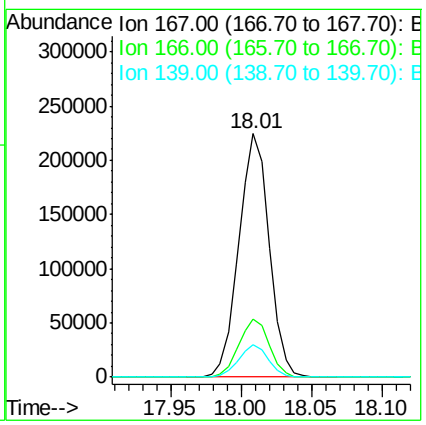


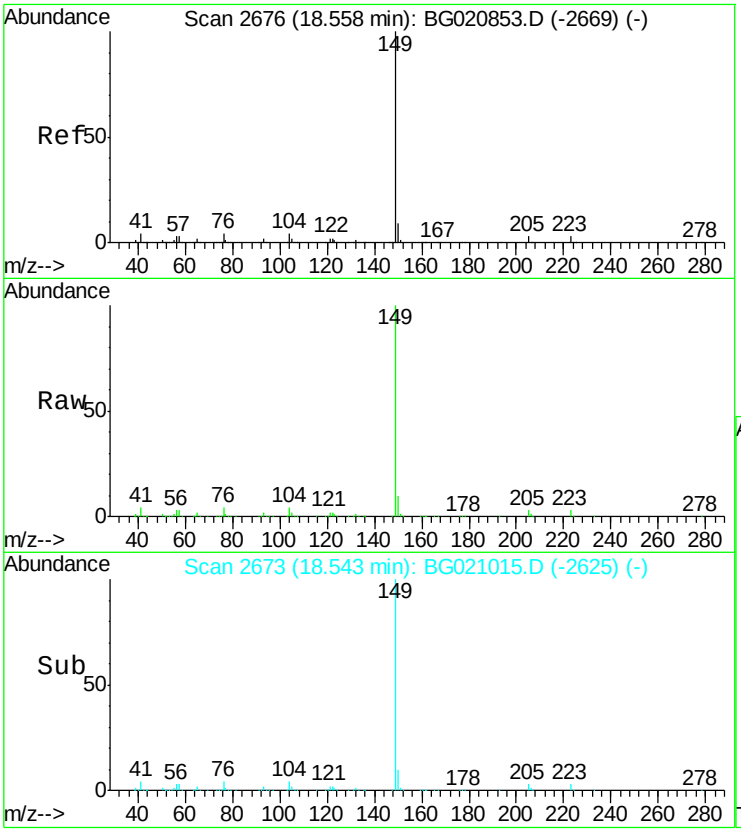


#72
Carbazole
Concen: 40.57 ng
RT: 18.01 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:167 Resp: 336651

Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.3	28.9
139	13.1	10.2	15.4



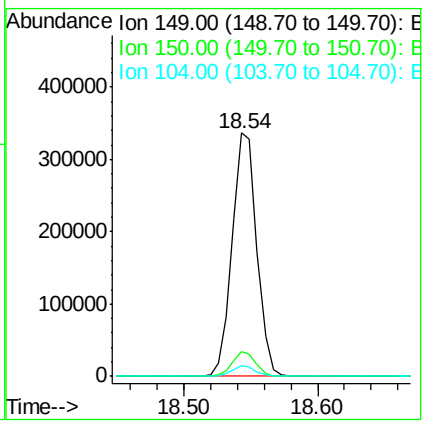


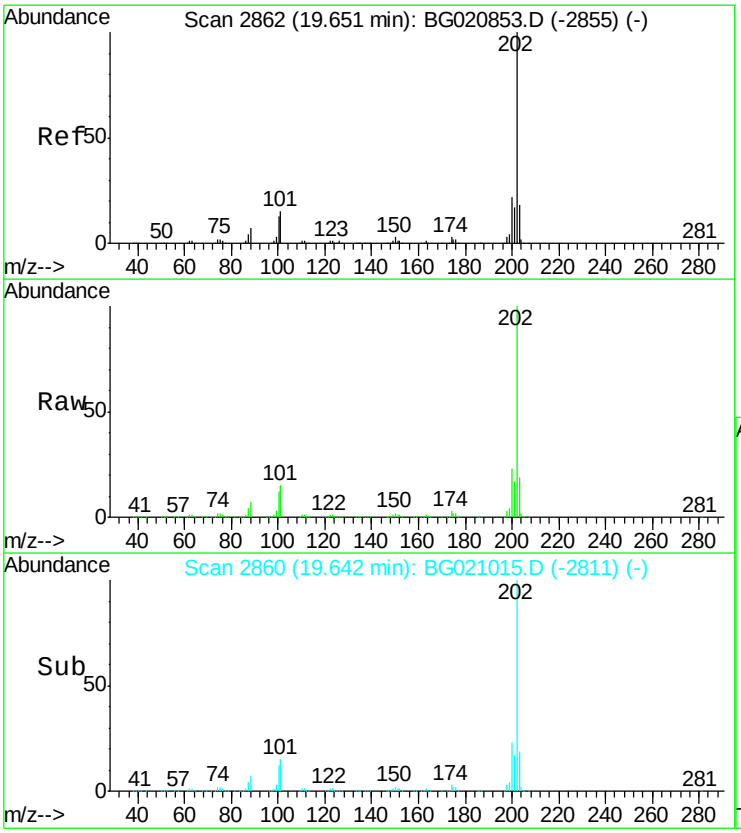
#73
Di-n-butylphthalate
Concen: 40.68 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 432819

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	4.3	3.4	5.0

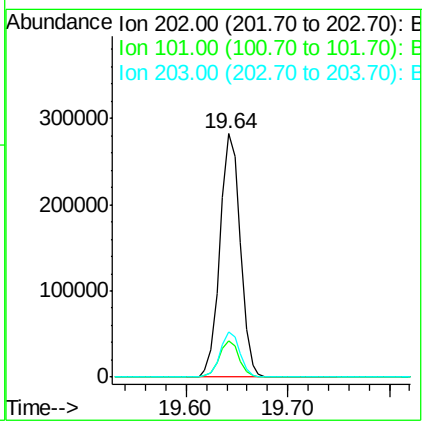


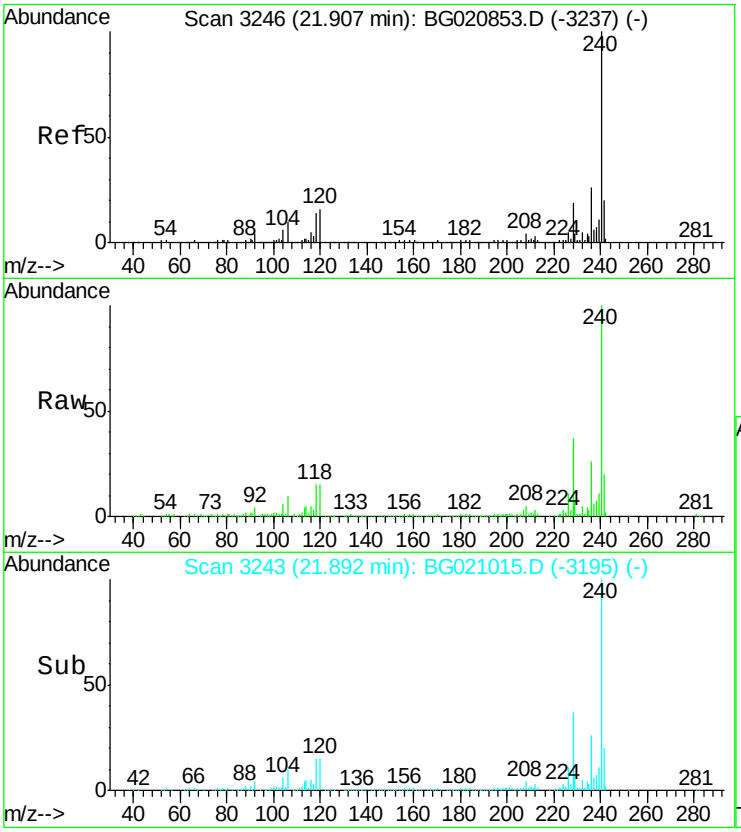


#74
Fluoranthene
Concen: 40.06 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:202 Resp: 394261

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	35.3
203	18.7	0.0	37.8



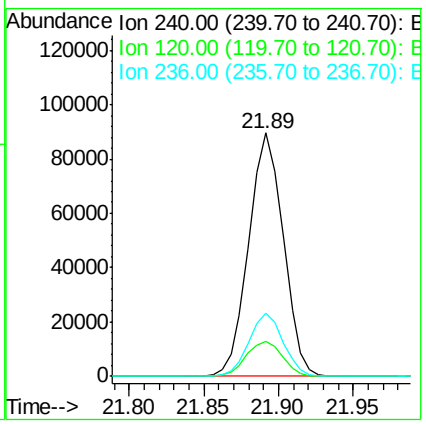


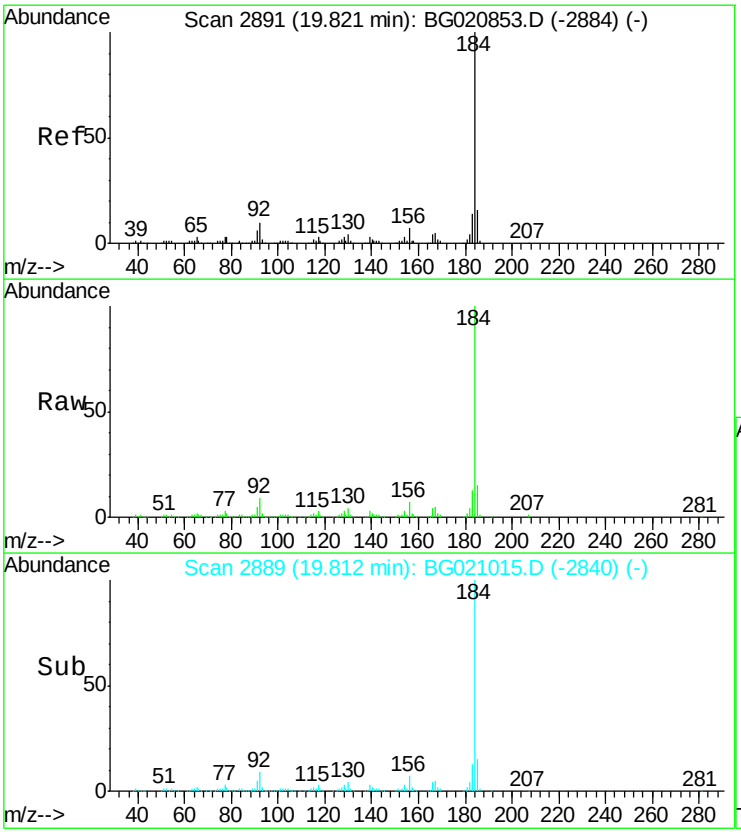
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:240 Resp: 143802

Ion	Ratio	Lower	Upper
240	100		
120	14.6	13.0	19.4
236	25.9	21.0	31.4

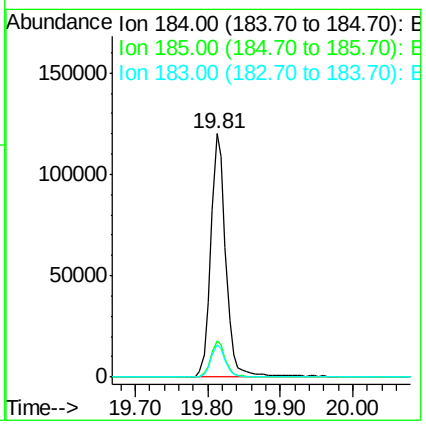


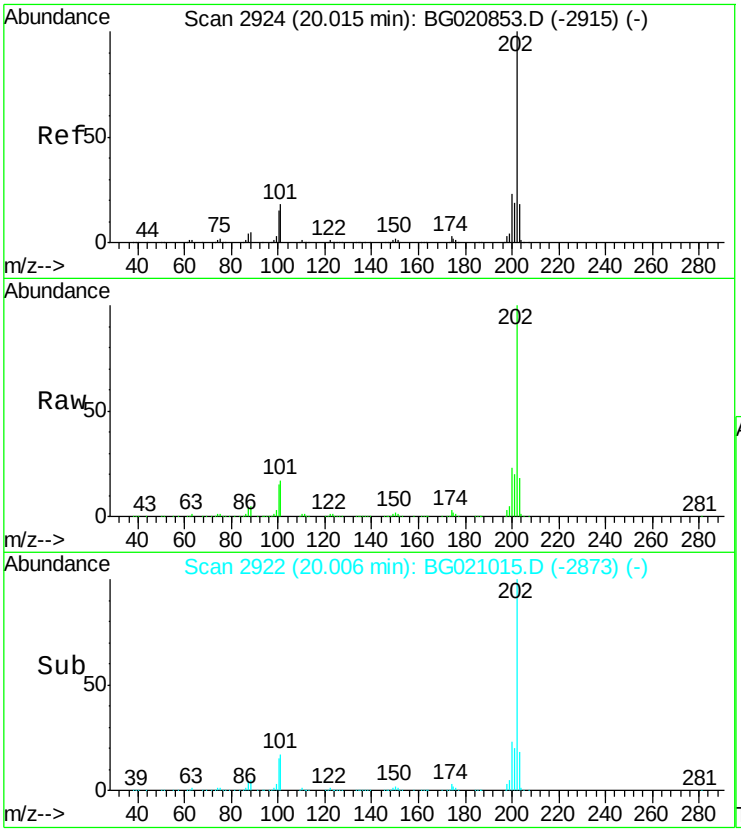


#76
Benzidine
Concen: 37.46 ng
RT: 19.81 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:184 Resp: 174213

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	19.0
183	13.3	11.0	16.4



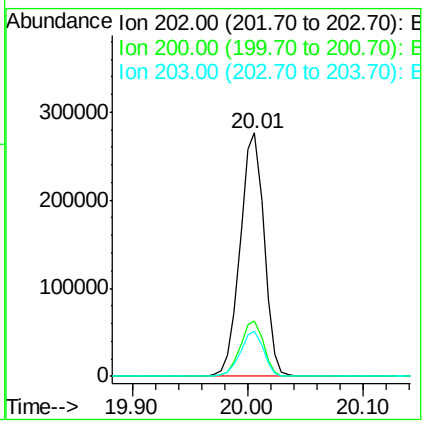


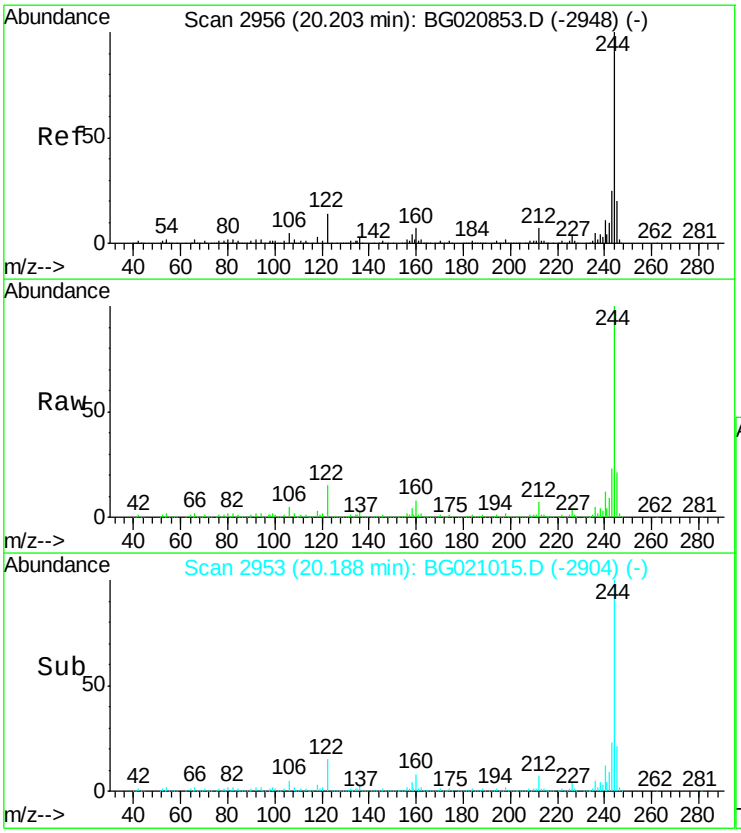
#77
Pyrene
Concen: 41.74 ng
RT: 20.01 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 395935

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.5	27.7
203	18.5	14.3	21.5

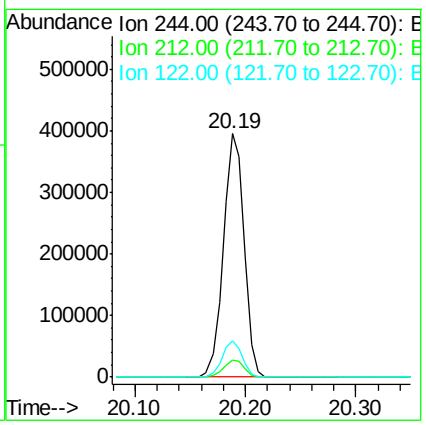


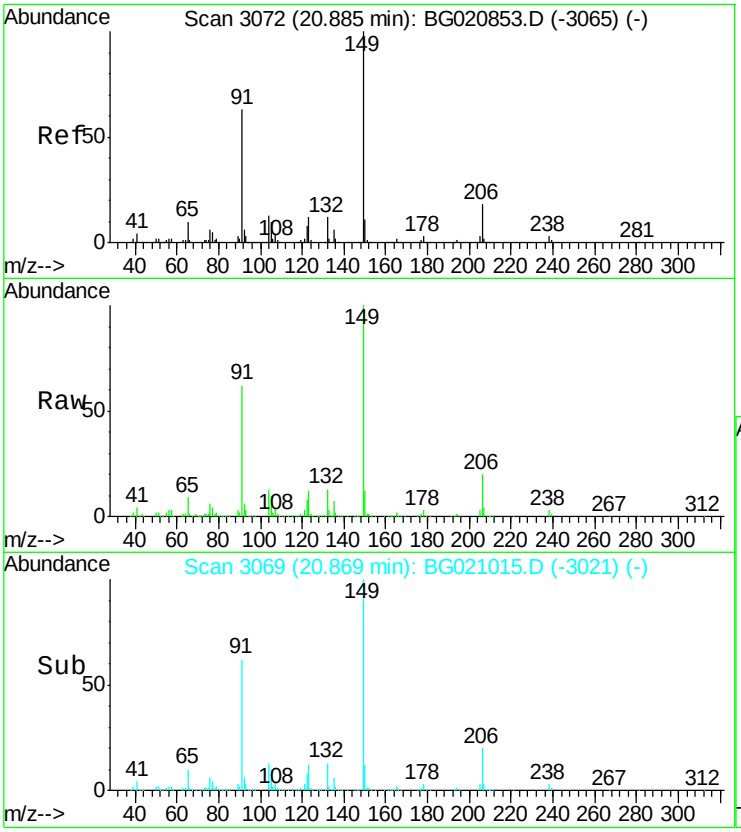


#78
Terphenyl-d14
Concen: 83.76 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:244 Resp: 516322

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	14.6	11.4	17.2



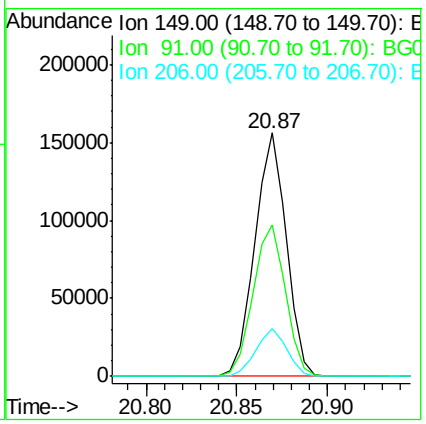


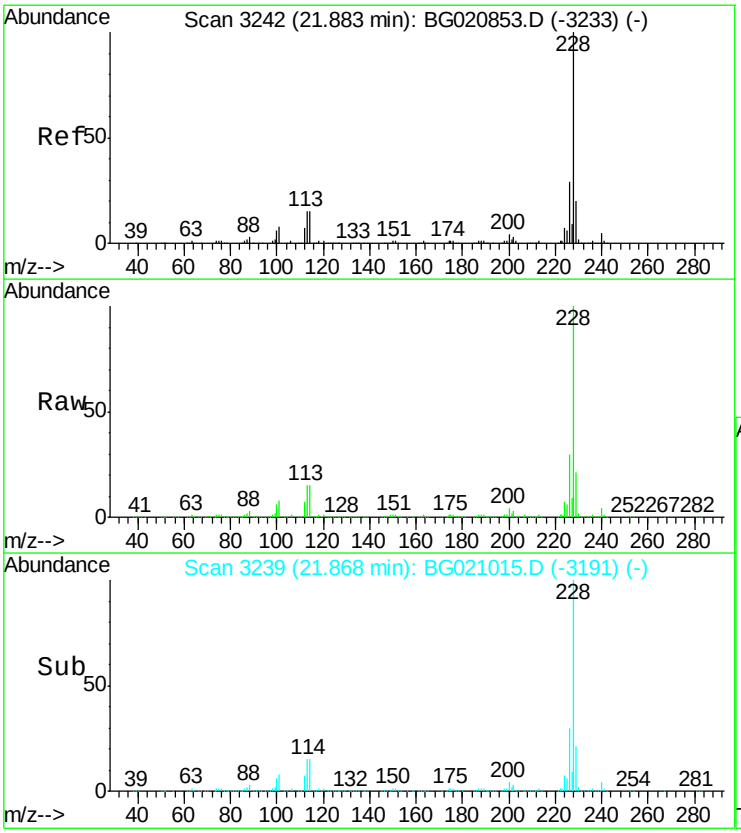
#79
Butylbenzylphthalate
Concen: 41.49 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 188439

Ion	Ratio	Lower	Upper
149	100		
91	62.3	50.6	76.0
206	19.7	14.6	22.0

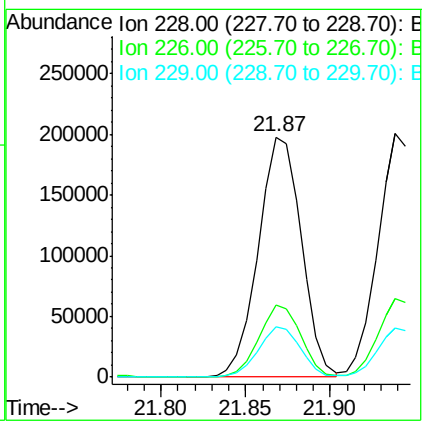


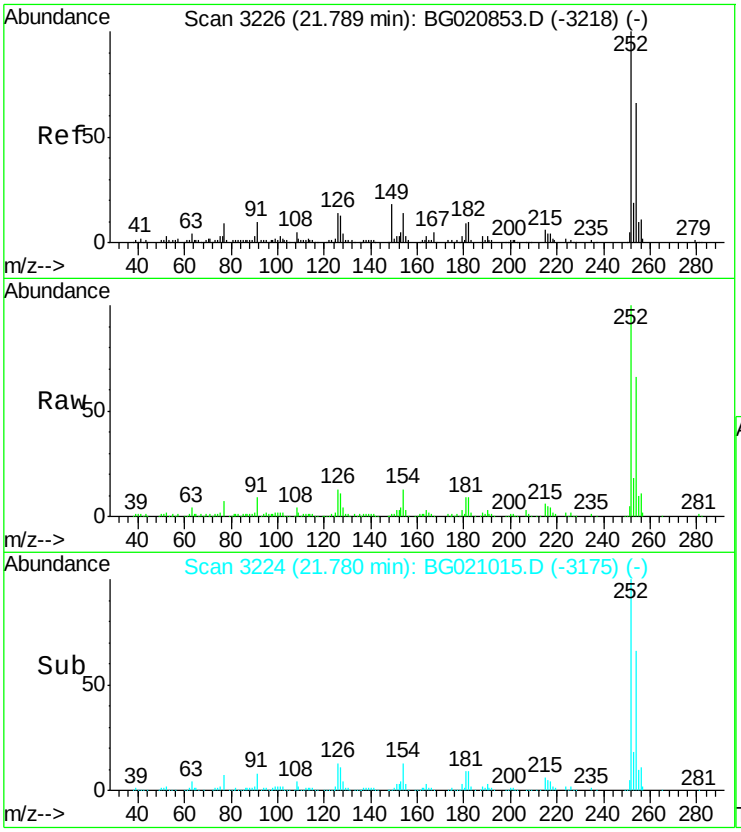


#80
Benzo(a)anthracene
Concen: 40.51 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:228 Resp: 347793

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	20.8	16.2	24.2



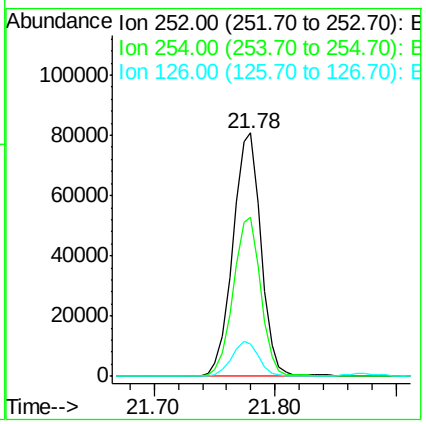


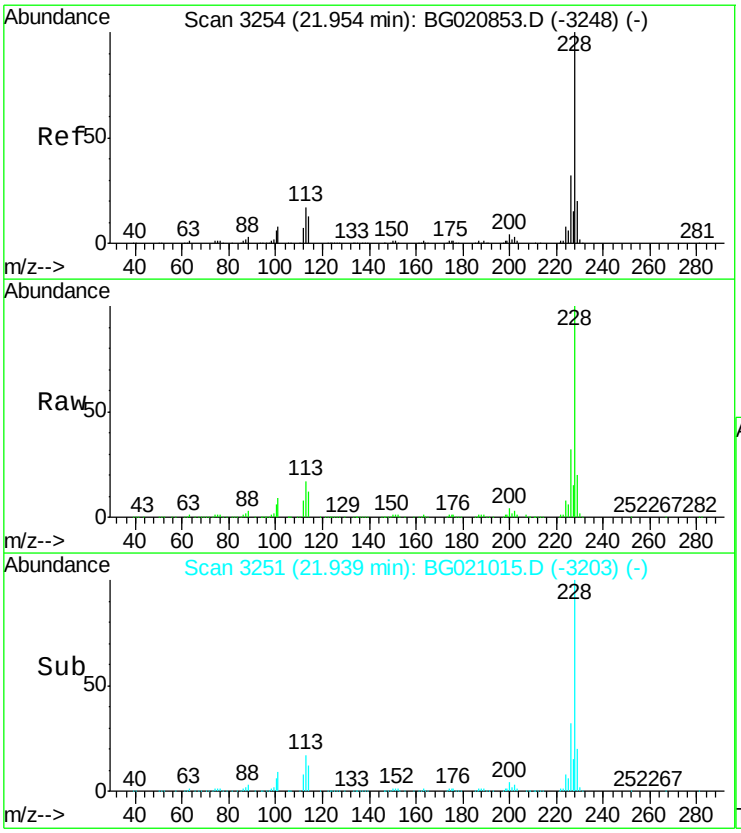
#81
3,3'-Dichlorobenzidine
Concen: 41.06 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 130831

Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.8	79.2
126	13.2	11.1	16.7

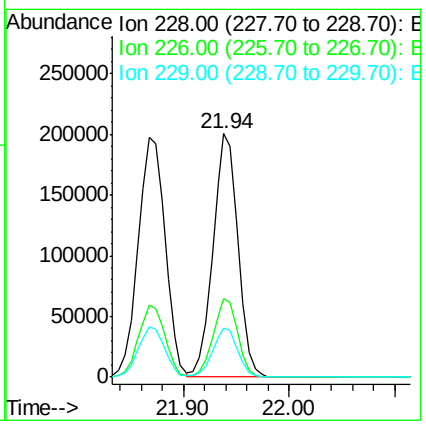


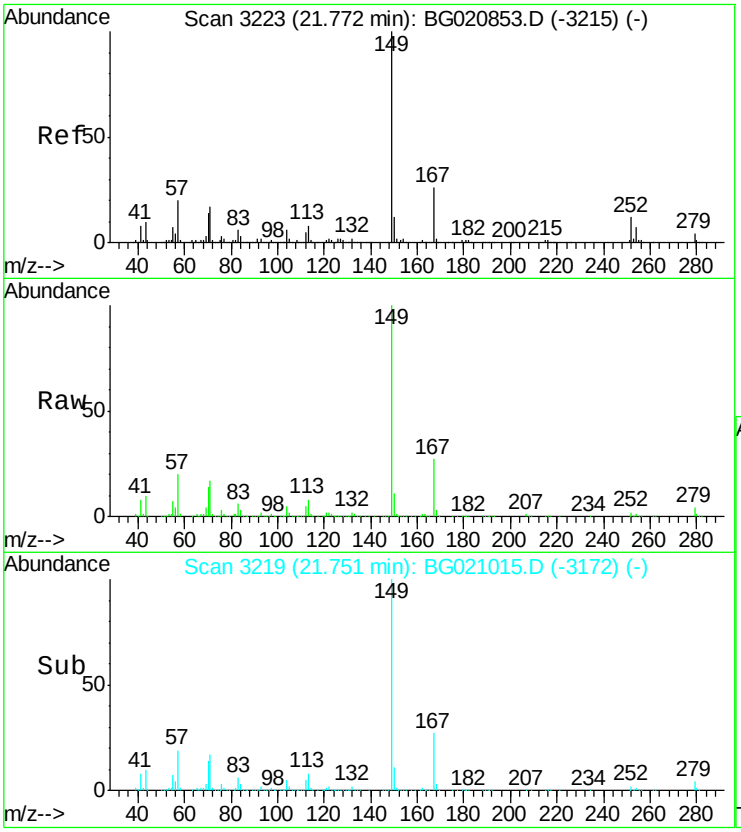


#82
Chrysene
Concen: 40.71 ng
RT: 21.94 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:228 Resp: 328628

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.3	37.9
229	20.2	16.2	24.2



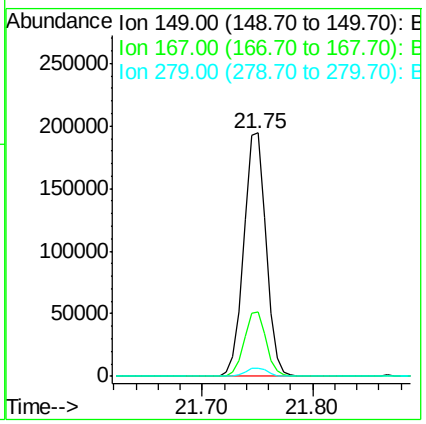


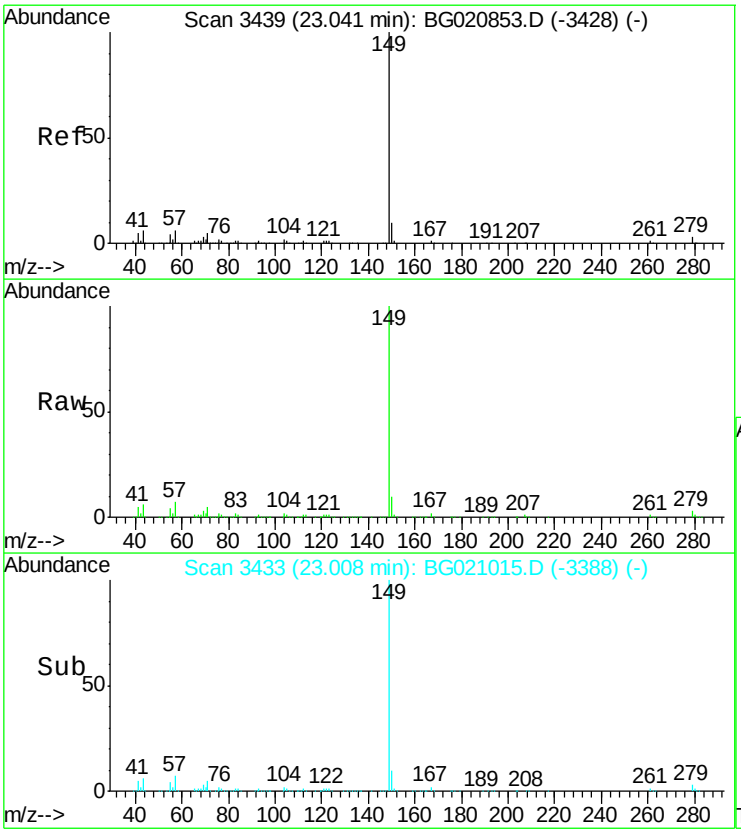
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.97 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 275839

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.9	31.3
279	3.6	3.0	4.4

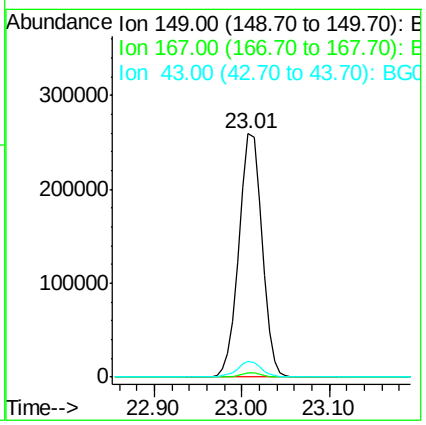


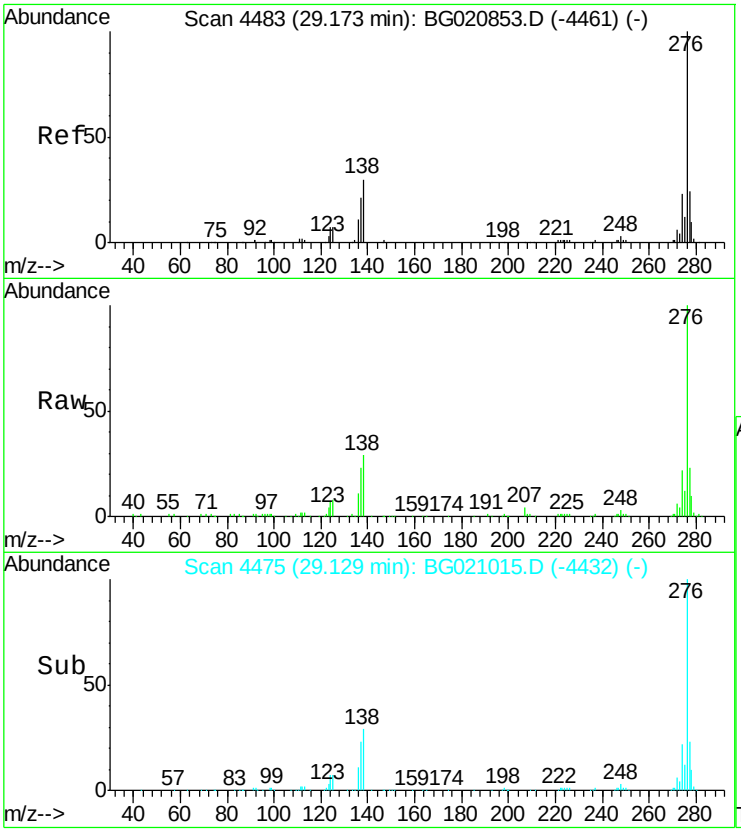


#84
Di-n-octyl phthalate
Concen: 41.52 ng
RT: 23.01 min Scan# 3433
Delta R.T. -0.03 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:149 Resp: 458855

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.2	5.1	7.7



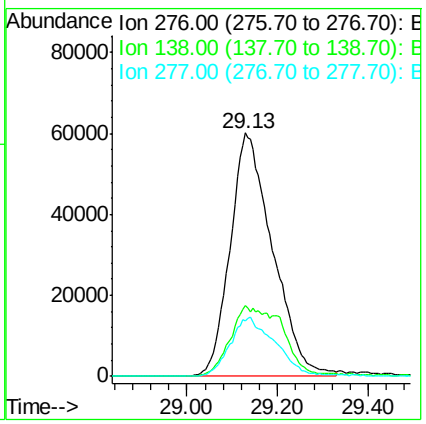


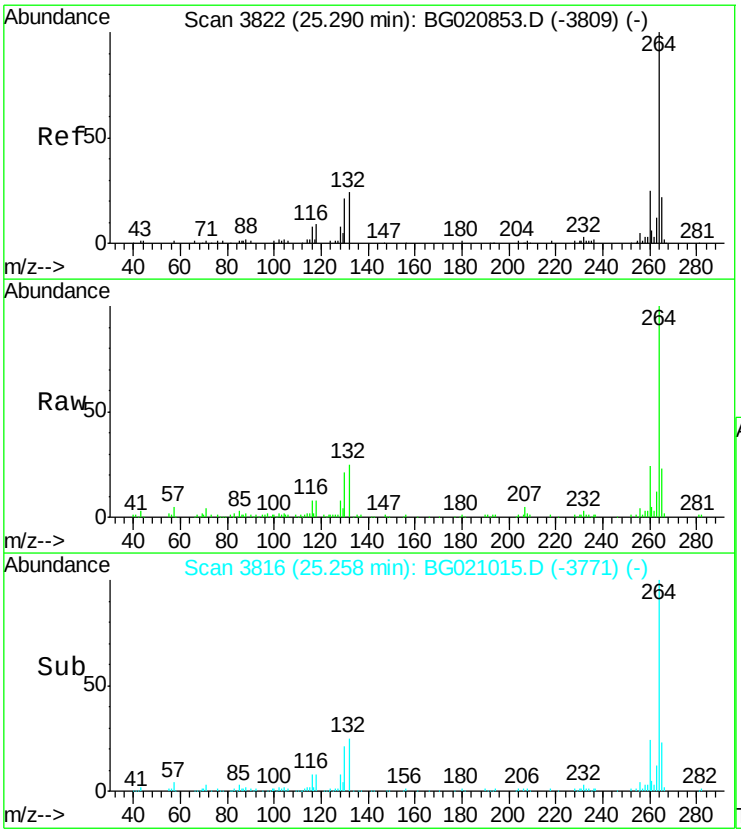
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.07 ng
RT: 29.13 min Scan# 4475
Delta R.T. -0.04 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 390643

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.1	30.1
277	25.9	20.5	30.7

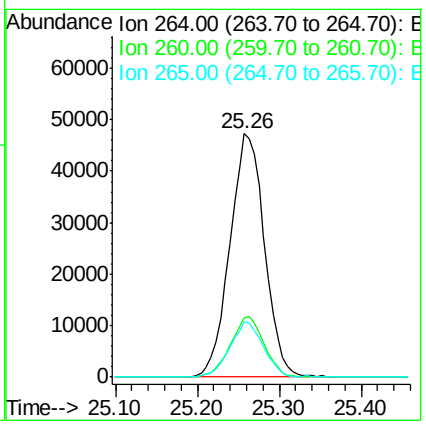


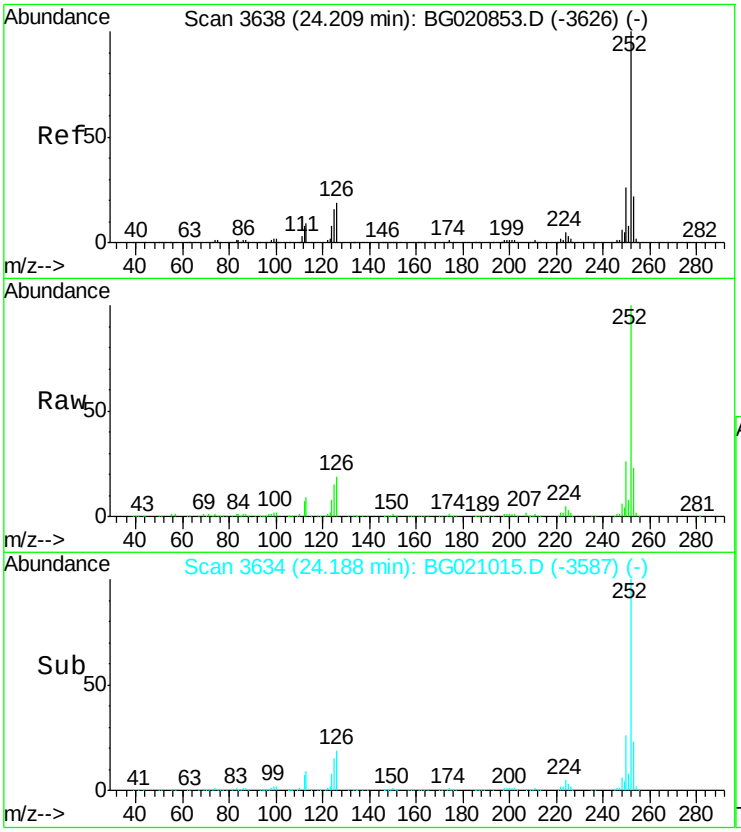


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.03 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:264 Resp: 139002

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	22.5	18.0	27.0



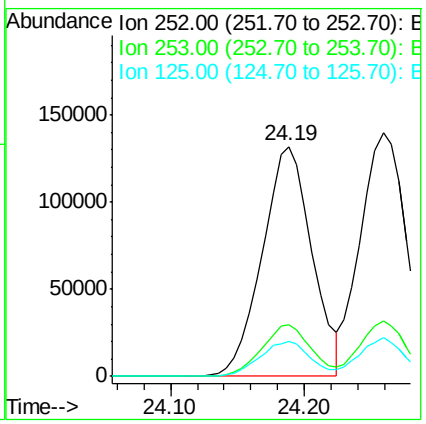


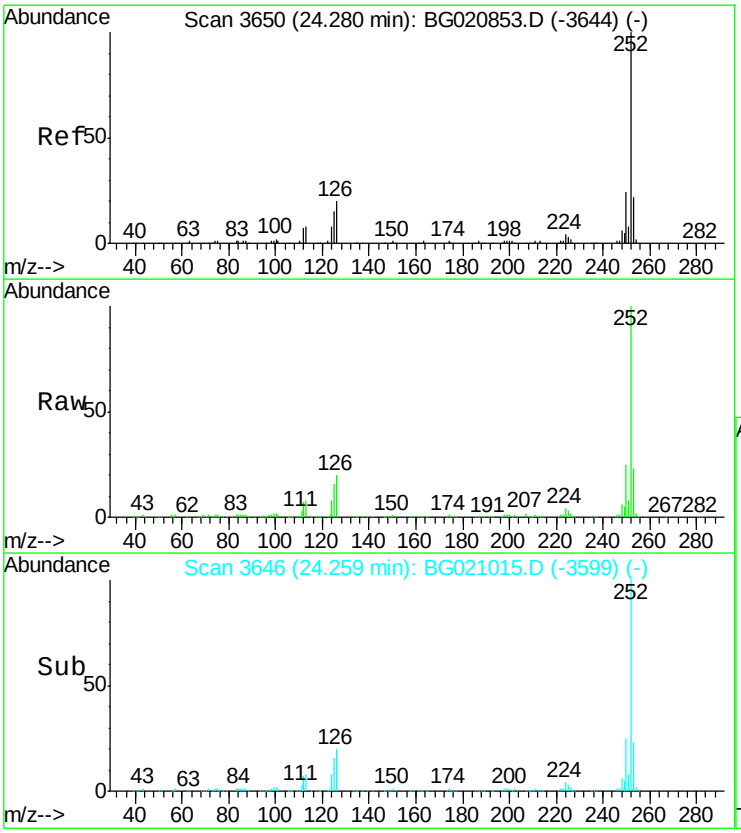
#87
Benzo(b)fluoranthene
Concen: 40.07 ng
RT: 24.19 min Scan# 3634
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 340835

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.0	12.5	18.7

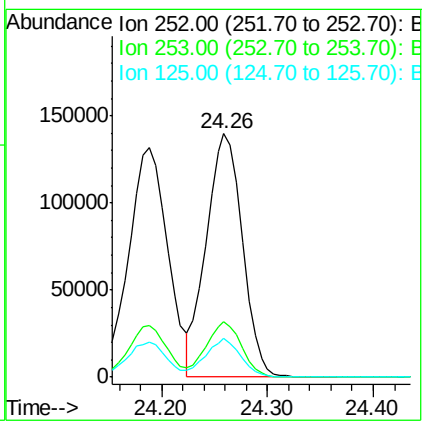


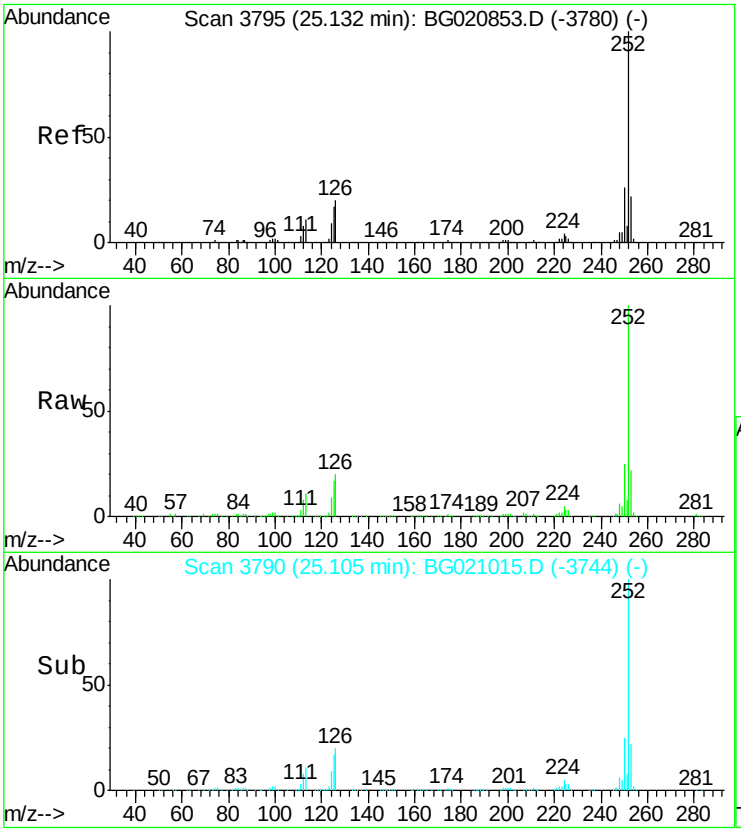


#88
Benzo(k)fluoranthene
Concen: 39.78 ng
RT: 24.26 min Scan# 3646
Delta R.T. -0.02 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:252 Resp: 331553

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	15.8	12.2	18.4



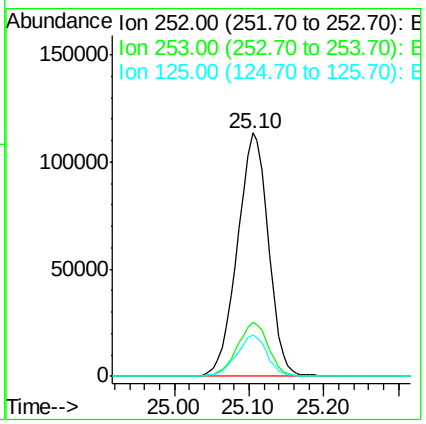


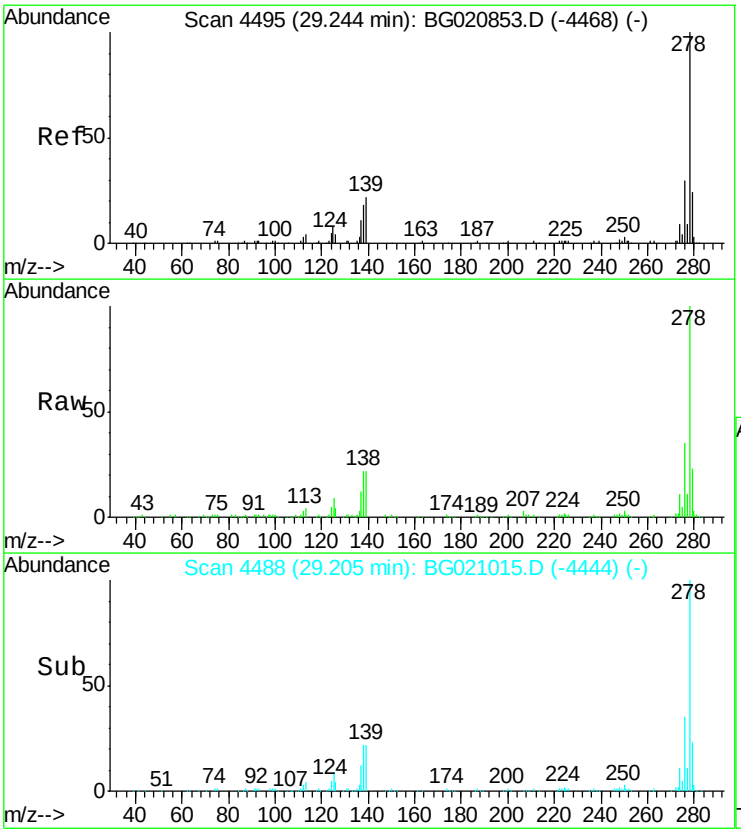
#89
Benzo(a)pyrene
Concen: 40.41 ng
RT: 25.10 min Scan# 3790
Delta R.T. -0.03 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 327552

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	16.9	13.6	20.4

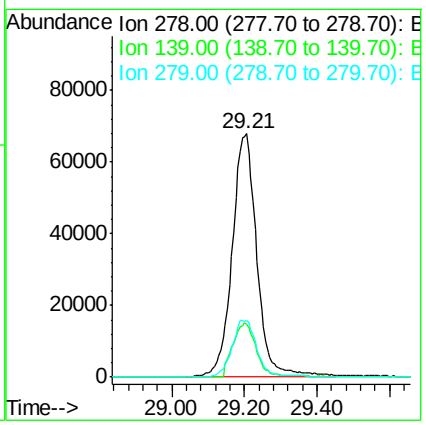


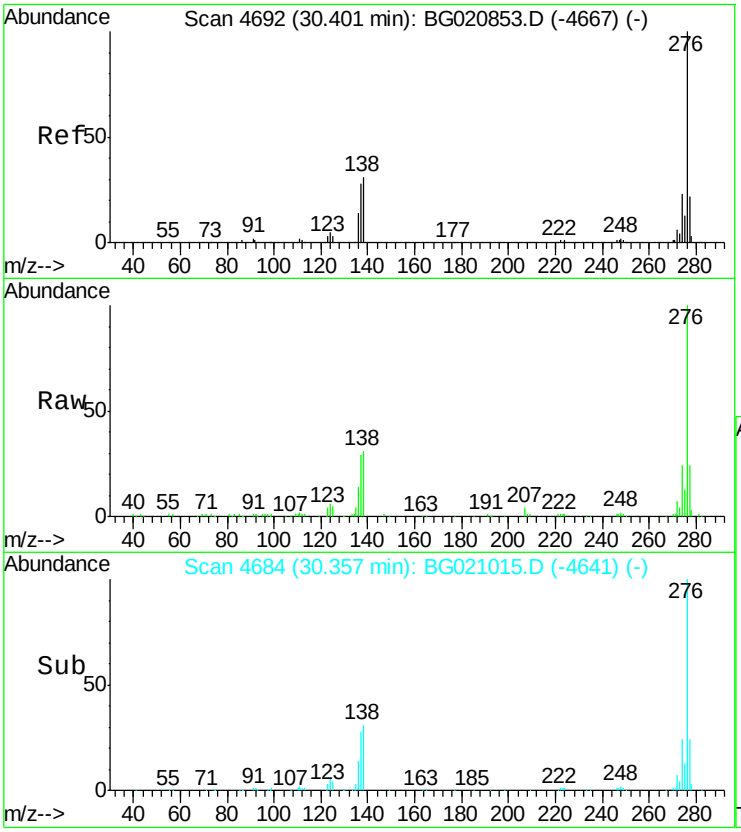


#90
Dibenzo(a,h)anthracene
Concen: 40.90 ng
RT: 29.21 min Scan# 4488
Delta R.T. -0.04 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Tgt Ion:278 Resp: 322404

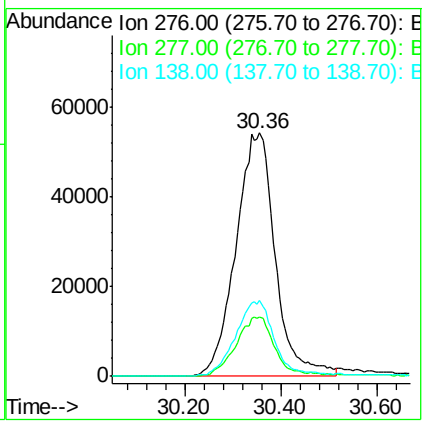
Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.3	25.9
279	23.3	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 39.58 ng
RT: 30.36 min Scan# 4684
Delta R.T. -0.04 min
Lab File: BG021015.D
Acq: 20 Feb 2016 19:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 309639

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.6	26.4
138	31.2	25.2	37.8