Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016995.D
Acq On : 9 May 2015 18:38
Operator : TP/IZ
Sample : PB83287BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 11 02:43:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51741	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	230805	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	150074	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	354697	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	370725	20.00	ng		-0.02
86) Perylene-d12	23.64	264	365772	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	331958	111.71	ng		-0.02
7) Phenol-d6	6.96	99	471831	111.14	ng		0.00
23) Nitrobenzene-d5	8.95	82	523928	110.90	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	174047	115.52	ng		-0.02
44) 2-Fluorobiphenyl	13.05	172	1063077	106.89	ng		-0.02
78) Terphenyl-d14	19.80	244	1832766	115.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	44538	35.76	ng	#	1
3) Pyridine	3.67	79	140549	36.51	ng		97
4) n-Nitrosodimethylamine	3.59	42	97978	42.63	ng		95
6) Aniline	7.12	93	154982	26.00	ng		96
8) 2-Chlorophenol	7.36	128	165628	48.11	ng		96
9) Benzaldehyde	6.93	77	94943	30.19	ng		96
10) Phenol	6.99	94	226172	49.68	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	154313	43.84	ng		97
12) 1,3-Dichlorobenzene	7.67	146	155859	41.06	ng		96
13) 1,4-Dichlorobenzene	7.83	146	158262	41.16	ng		99
14) 1,2-Dichlorobenzene	8.14	146	151960	41.18	ng		96
15) Benzyl Alcohol	8.03	79	171533	44.24	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.33	45	270923	41.58	ng		99
17) 2-Methylphenol	8.23	107	146975	45.85	ng		97
18) Hexachloroethane	8.87	117	65357	41.35	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	142490	38.28	ng		93
20) 3+4-Methylphenols	8.56	107	205111	46.43	ng		96
22) Acetophenone	8.61	105	239439	43.55	ng		98
24) Nitrobenzene	8.99	77	209246	43.86	ng		99
25) Isophorone	9.51	82	387185	40.59	ng		99
26) 2-Nitrophenol	9.70	139	91768	47.24	ng		96
27) 2,4-Dimethylphenol	9.76	122	170589	48.52	ng		95
28) bis(2-Chloroethoxy)methane	10.00	93	204612	42.49	ng		96
29) 2,4-Dichlorophenol	10.23	162	161787	48.71	ng		96
30) 1,2,4-Trichlorobenzene	10.45	180	151540	43.03	ng		96
31) Naphthalene	10.63	128	486990	42.42	ng		99
32) Benzoic acid	9.88	122	114392	52.27	ng		96
33) 4-Chloroaniline	10.74	127	72001	13.58	ng		94
34) Hexachlorobutadiene	10.92	225	90439	41.03	ng		94
35) Caprolactam	11.52	113	77371m	44.84	ng		
36) 4-Chloro-3-methylphenol	11.87	107	205537	48.33	ng		98
37) 2-Methylnaphthalene	12.25	142	367394	42.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	166851	41.13	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	229036	87.42	ng		95

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016995.D
Acq On : 9 May 2015 18:38
Operator : TP/IZ
Sample : PB83287BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

Quant Time: May 11 02:43:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	128995	44.87	ng		94
43) 2,4,5-Trichlorophenol	12.93	196	143129	46.90	ng		98
45) 1,1'-Biphenyl	13.26	154	467848	43.54	ng		98
46) 2-Chloronaphthalene	13.30	162	376184	44.20	ng		98
47) 2-Nitroaniline	13.51	65	160354	54.13	ng		98
48) Acenaphthylene	14.15	152	643471	43.42	ng		99
49) Dimethylphthalate	13.89	163	492750	43.97	ng		99
50) 2,6-Dinitrotoluene	14.01	165	117273	50.40	ng		94
51) Acenaphthene	14.50	154	379486	43.02	ng		99
52) 3-Nitroaniline	14.34	138	80652	30.47	ng	#	96
53) 2,4-Dinitrophenol	14.54	184	113329	106.49	ng		95
54) Dibenzofuran	14.83	168	576582	46.04	ng		97
55) 4-Nitrophenol	14.65	139	244547	108.96	ng		94
56) 2,4-Dinitrotoluene	14.79	165	168438	56.59	ng		100
57) Fluorene	15.48	166	496544	44.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	126973	48.22	ng	#	77
59) Diethylphthalate	15.25	149	538808	45.55	ng		99
60) 4-Chlorophenyl-phenylether	15.47	204	251843	45.20	ng		99
61) 4-Nitroaniline	15.50	138	154262	50.27	ng		96
62) Azobenzene	15.77	77	587878	47.98	ng		97
64) 4,6-Dinitro-2-methylphenol	15.55	198	90767	51.61	ng		92
65) n-Nitrosodiphenylamine	15.69	169	446369	41.23	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	152611	42.87	ng		95
67) Hexachlorobenzene	16.48	284	163309	43.50	ng		99
68) Atrazine	16.64	200	181539	46.59	ng		99
69) Pentachlorophenol	16.82	266	226065	92.75	ng		95
70) Phenanthrene	17.22	178	791780	43.38	ng		99
71) Anthracene	17.30	178	819071	44.48	ng		98
72) Carbazole	17.58	167	808325	46.17	ng		99
73) Di-n-butylphthalate	18.14	149	1040597	45.85	ng		99
74) Fluoranthene	19.23	202	981385	46.34	ng		99
76) Benzidine	19.41	184	299996	23.82	ng		97
77) Pyrene	19.59	202	1014011	46.34	ng		100
79) Butylbenzylphthalate	20.49	149	481923	46.34	ng		98
80) Benzo(a)anthracene	21.33	228	915366	46.03	ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	189977	24.46	ng		96
82) Chrysene	21.38	228	859190	46.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	637180	44.79	ng		99
84) Di-n-octyl phthalate	22.15	149	1071310	44.83	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1013340	45.65	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	893905	43.87	ng		97
88) Benzo(k)fluoranthene	22.99	252	883136	45.05	ng		98
89) Benzo(a)pyrene	23.54	252	872757	45.93	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	871628	44.91	ng		96
91) Benzo(g,h,i)perylene	26.72	276	826879	44.74	ng		97

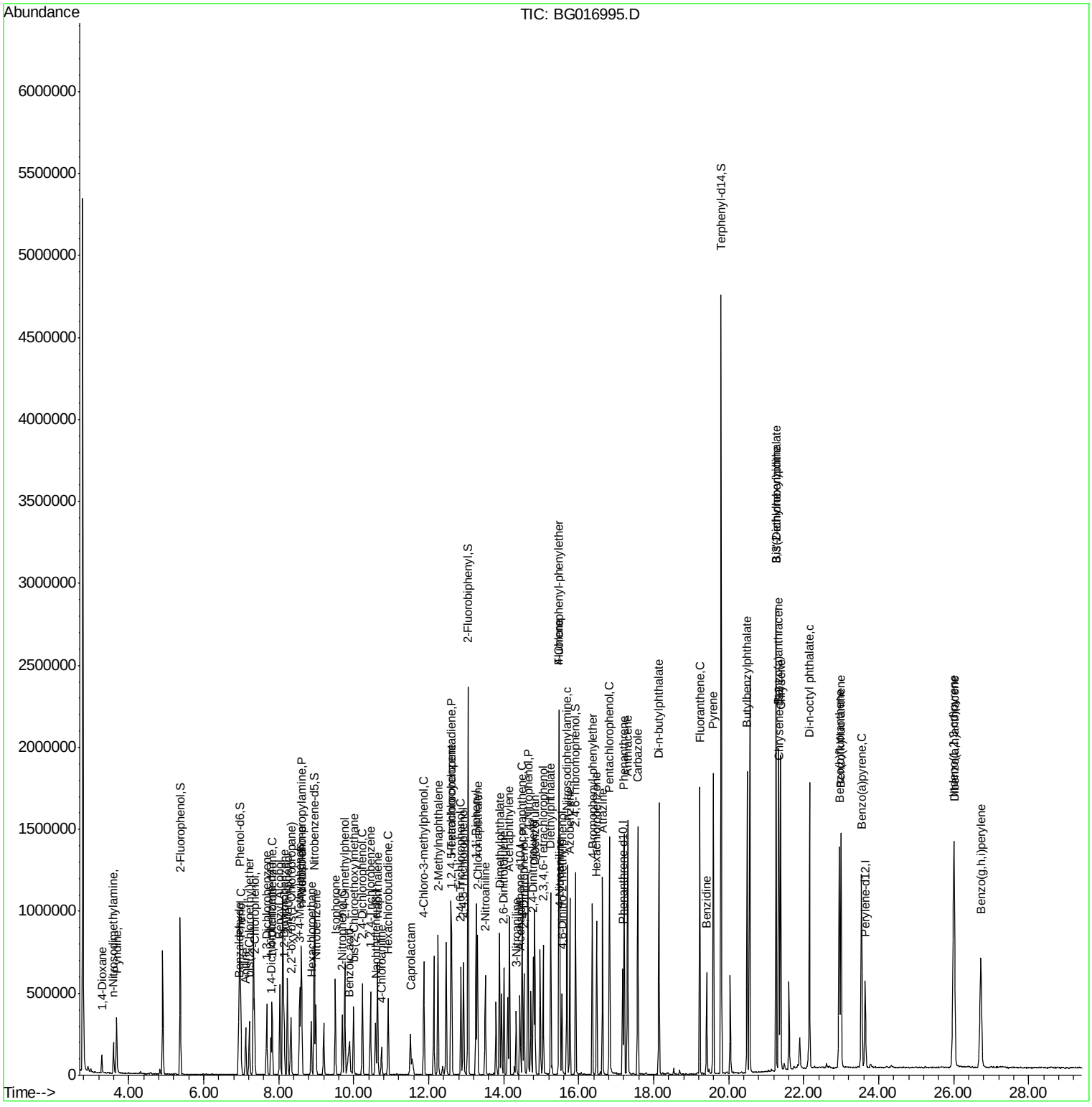
(#) = qualifier out of range (m) = manual integration (+) = signals summed

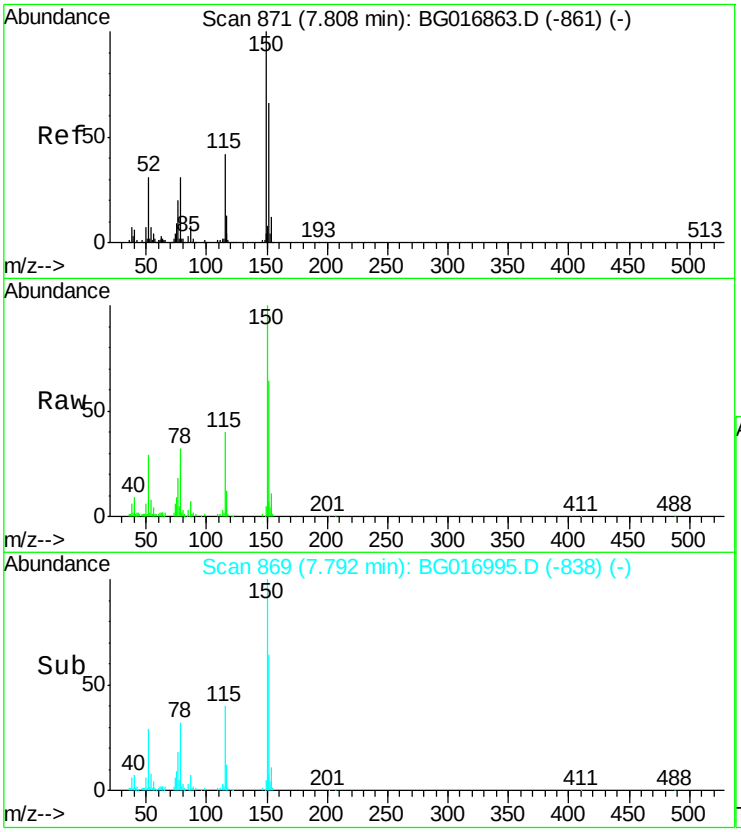
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016995.D
Acq On : 9 May 2015 18:38
Operator : TP/IZ
Sample : PB83287BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 11 02:43:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

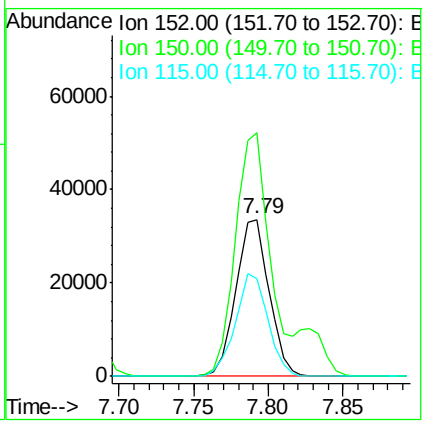




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

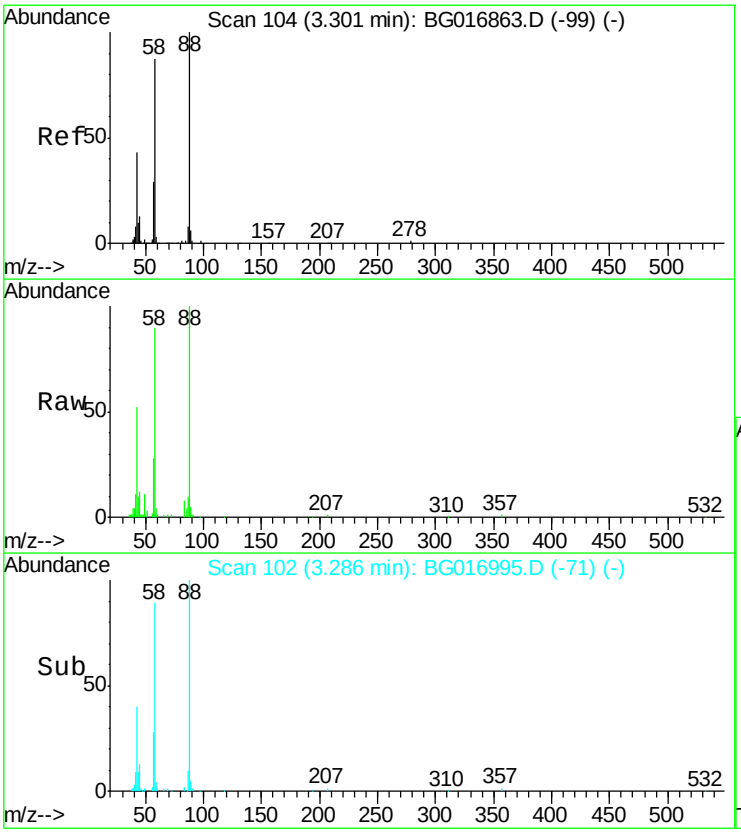
Tgt Ion:152 Resp: 51741

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.0	181.4
115	62.3	50.5	75.7



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

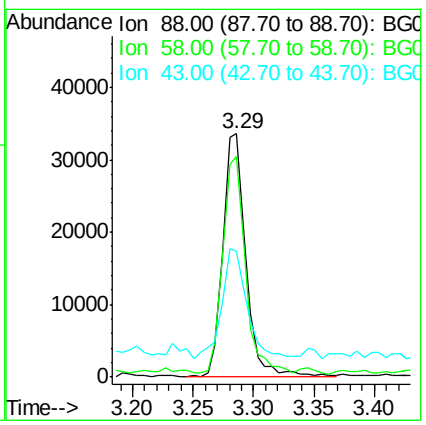
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

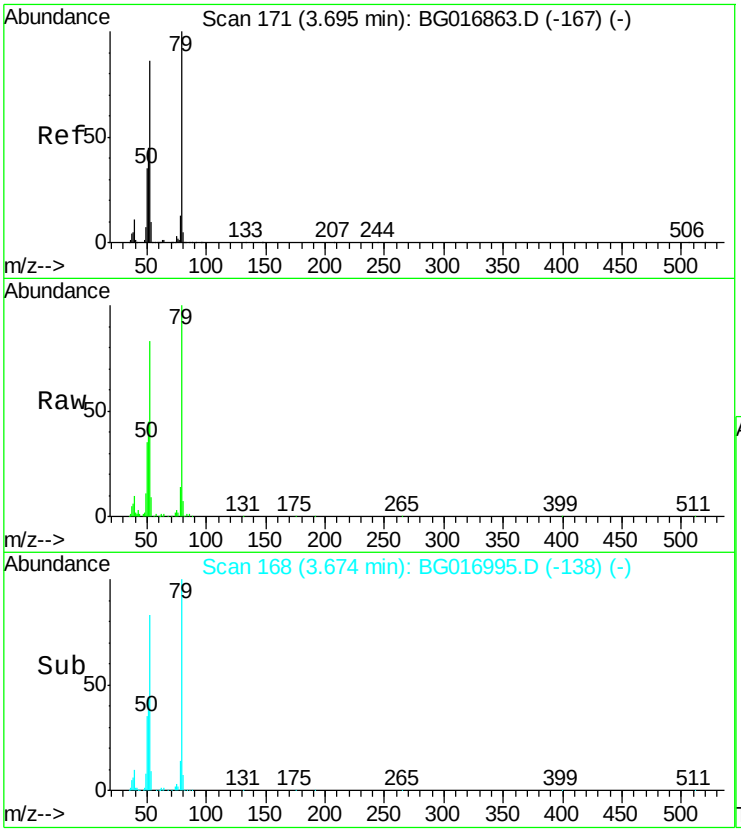


#2
1,4-Dioxane
Concen: 35.76 ng
RT: 3.29 min Scan# 102
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 88 Resp: 44538

Ion	Ratio	Lower	Upper
88	100		
58	86.7	0.1	0.1#
43	49.2	1.3	1.9#

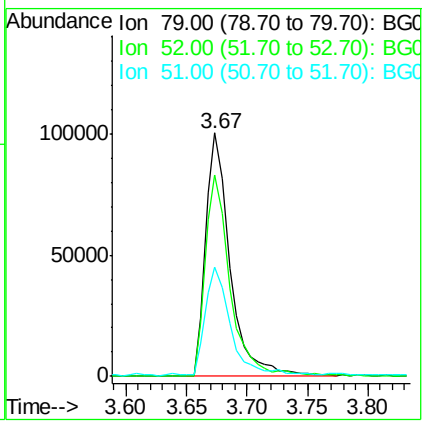




#3
Pyridine
Concen: 36.51 ng
RT: 3.67 min Scan# 168
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

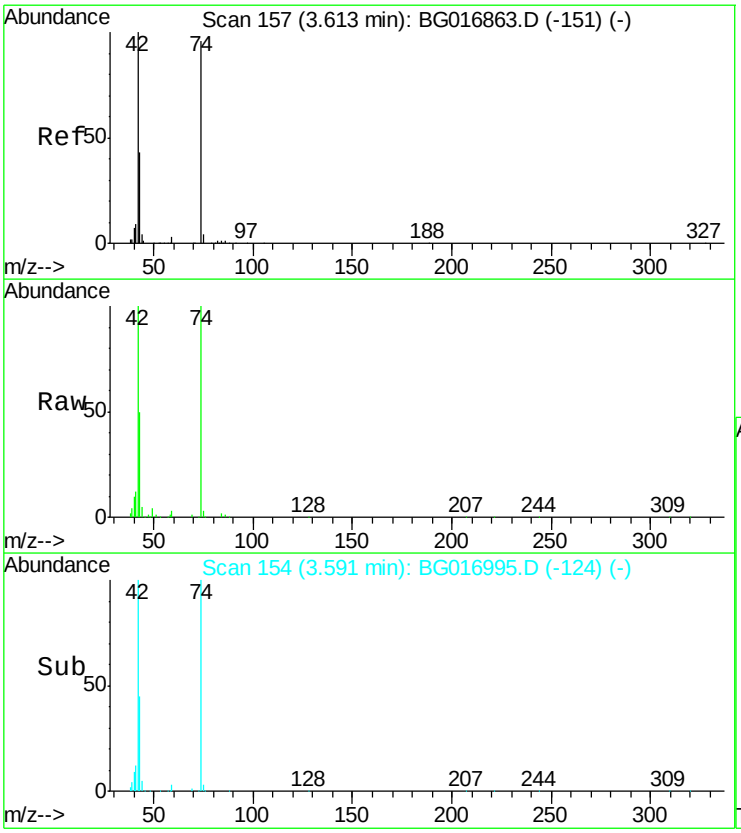
Tgt Ion: 79 Resp: 140549

Ion	Ratio	Lower	Upper
79	100		
52	82.8	68.5	102.7
51	45.0	37.8	56.8



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

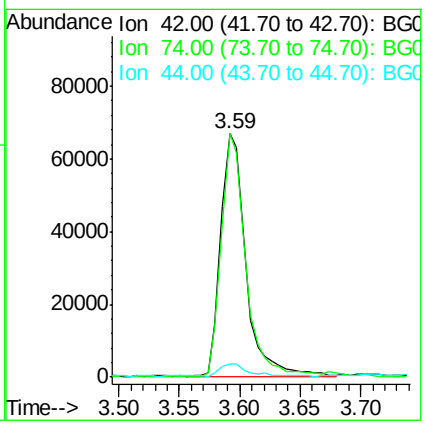
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

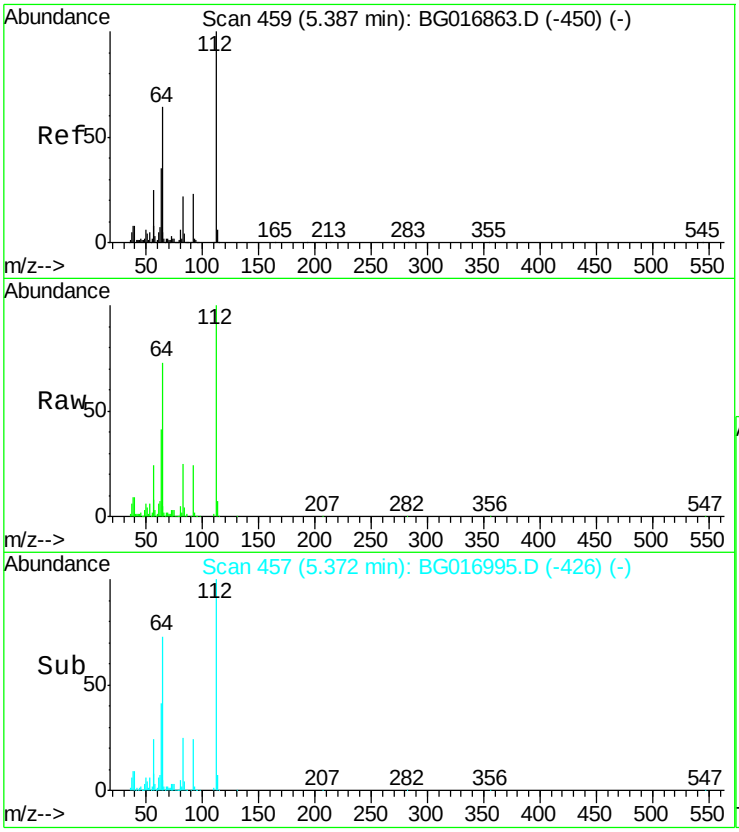


#4
n-Nitrosodimethylamine
Concen: 42.63 ng
RT: 3.59 min Scan# 154
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 42 Resp: 97978

Ion	Ratio	Lower	Upper
42	100		
74	99.9	76.2	114.2
44	5.4	4.9	7.3

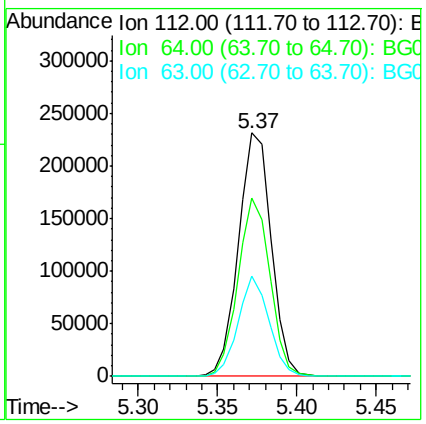




#5
2-Fluorophenol
Concen: 111.71 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

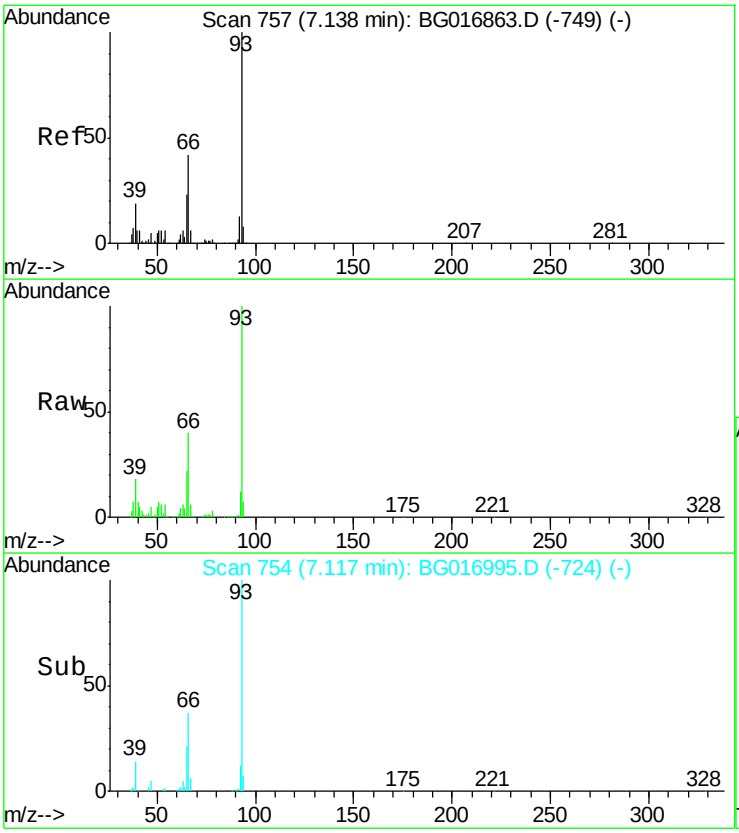
Tgt Ion:112 Resp: 331958

Ion	Ratio	Lower	Upper
112	100		
64	73.1	51.4	77.2
63	41.1	28.1	42.1



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

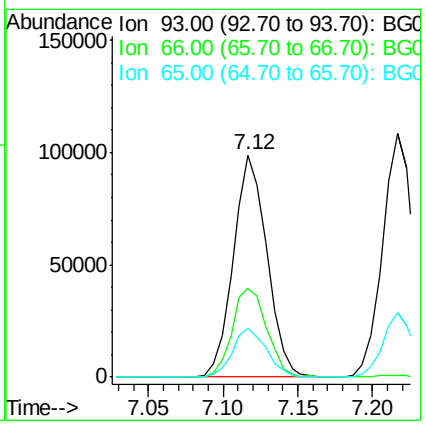
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

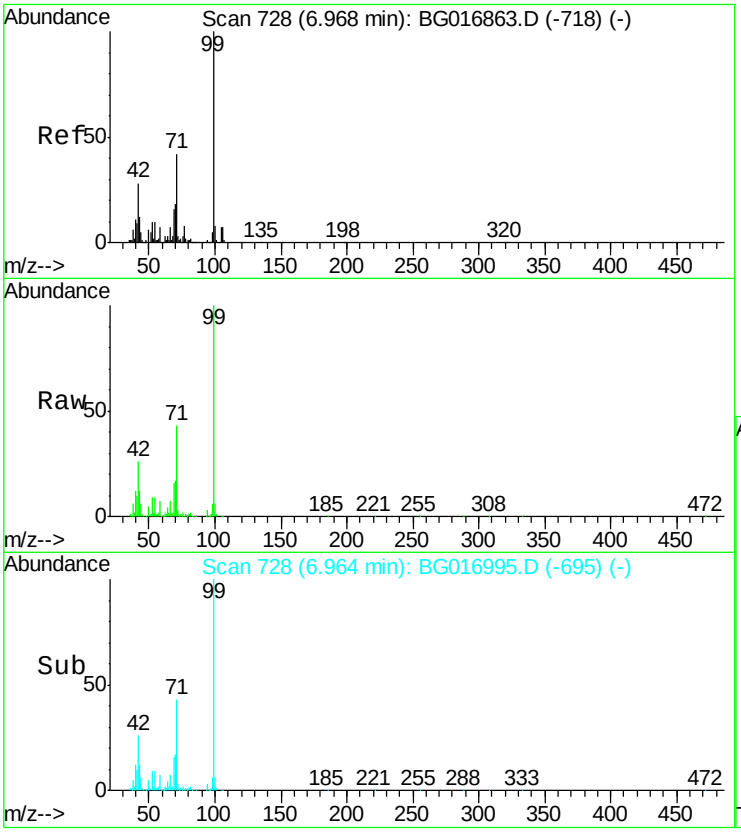


#6
Aniline
Concen: 26.00 ng
RT: 7.12 min Scan# 754
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 93 Resp: 154982

Ion	Ratio	Lower	Upper
93	100		
66	39.8	33.8	50.6
65	21.8	18.7	28.1

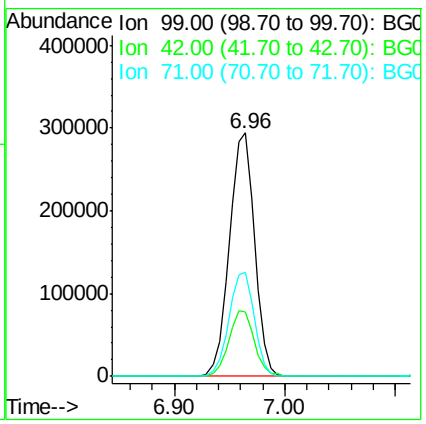




#7
Phenol-d6
Concen: 111.14 ng
RT: 6.96 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

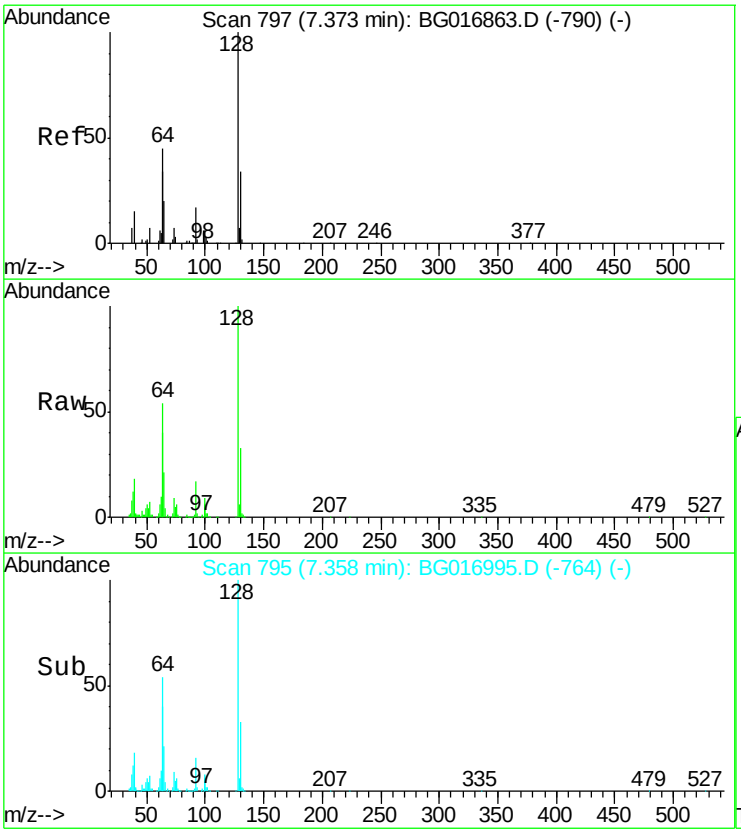
Tgt Ion: 99 Resp: 471831

Ion	Ratio	Lower	Upper
99	100		
42	26.3	22.1	33.1
71	42.5	33.4	50.0



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

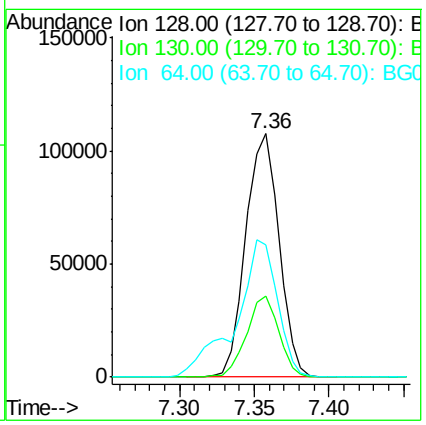
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

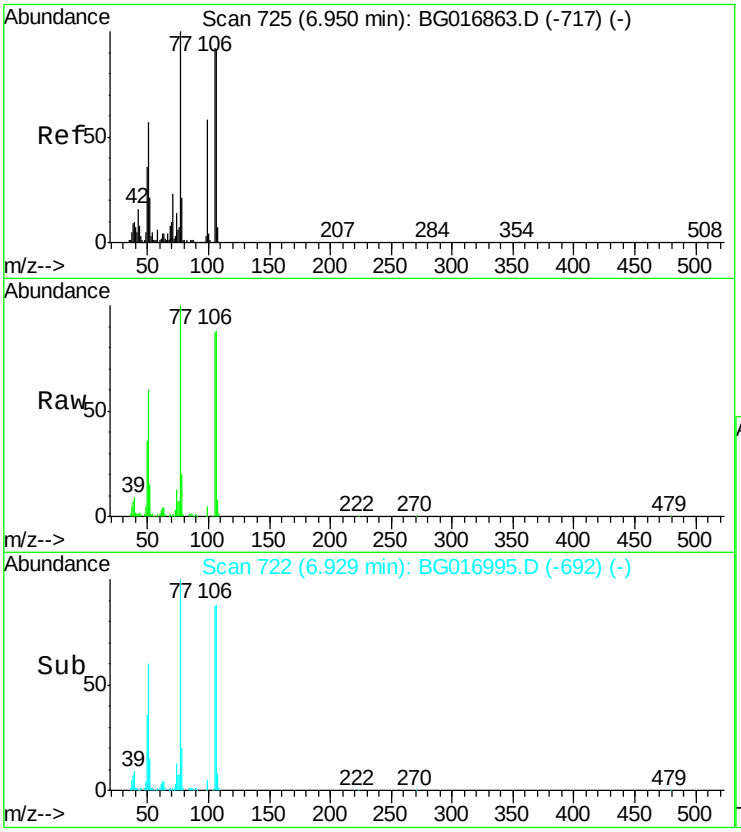


#8
2-Chlorophenol
Concen: 48.11 ng
RT: 7.36 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:128 Resp: 165628

Ion	Ratio	Lower	Upper
128	100		
130	33.2	14.4	54.4
64	54.2	38.4	78.4

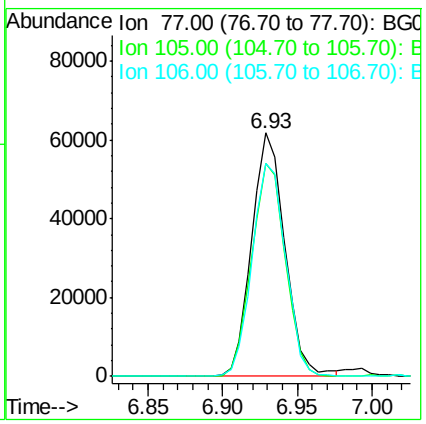




#9
Benzaldehyde
Concen: 30.19 ng
RT: 6.93 min Scan# 722
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

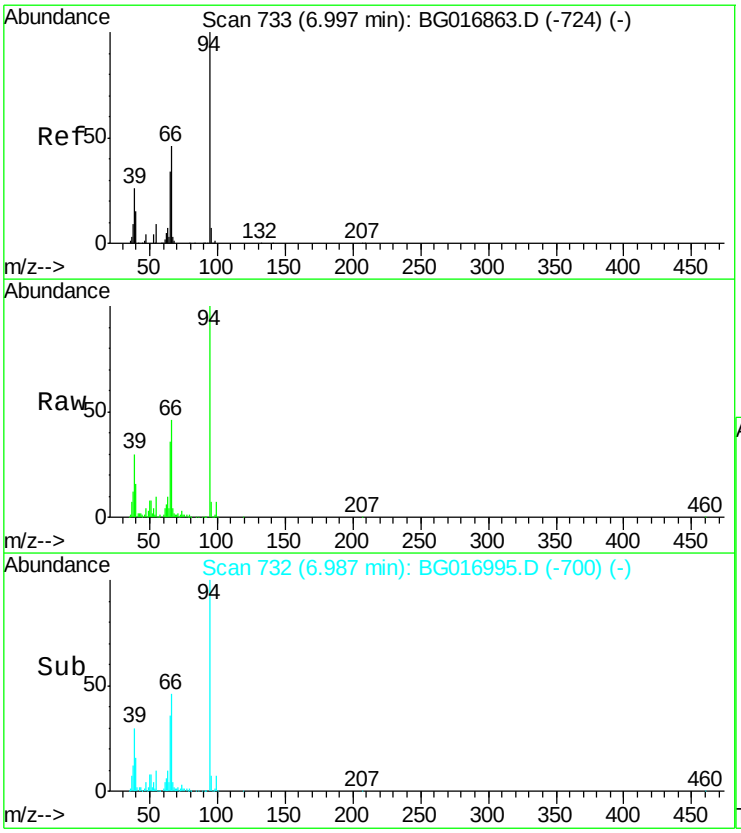
Tgt Ion: 77 Resp: 94943

Ion	Ratio	Lower	Upper
77	100		
105	87.3	71.6	111.6
106	87.5	71.5	111.5



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

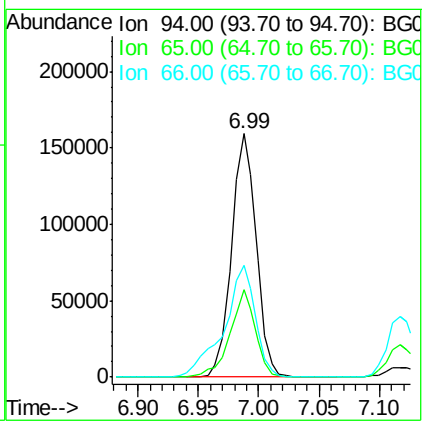
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

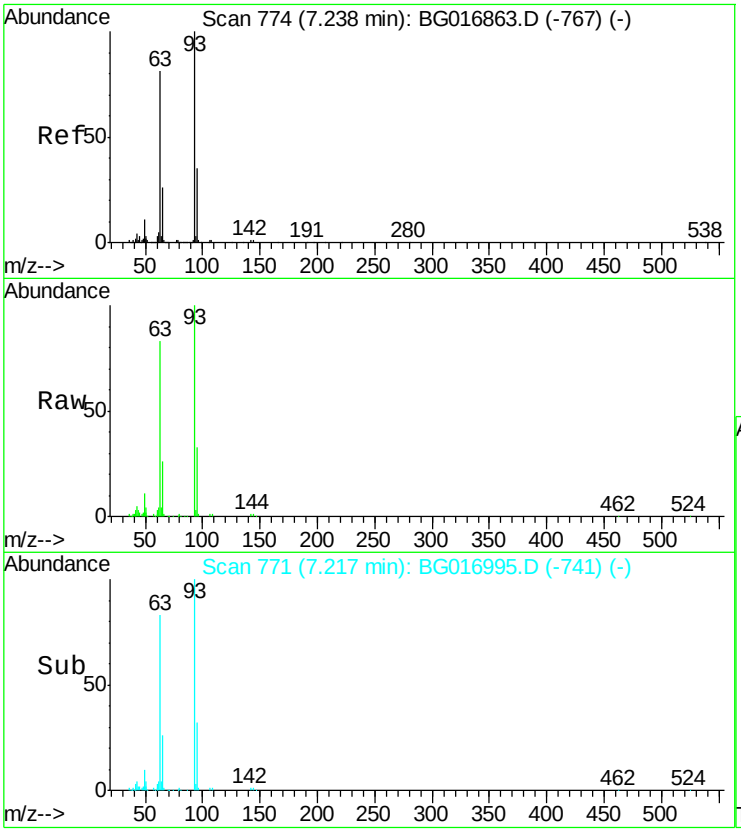


#10
Phenol
Concen: 49.68 ng
RT: 6.99 min Scan# 732
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 94 Resp: 226172

Ion	Ratio	Lower	Upper
94	100		
65	35.8	14.3	54.3
66	46.0	26.9	66.9

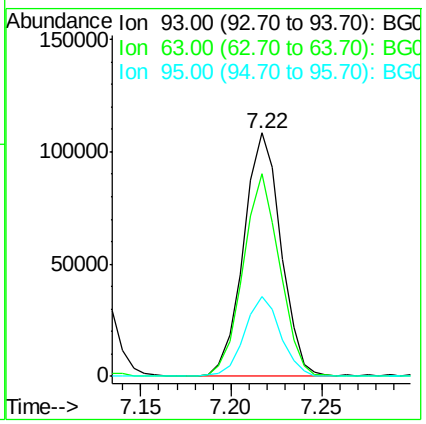




#11
bis(2-Chloroethyl)ether
Concen: 43.84 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

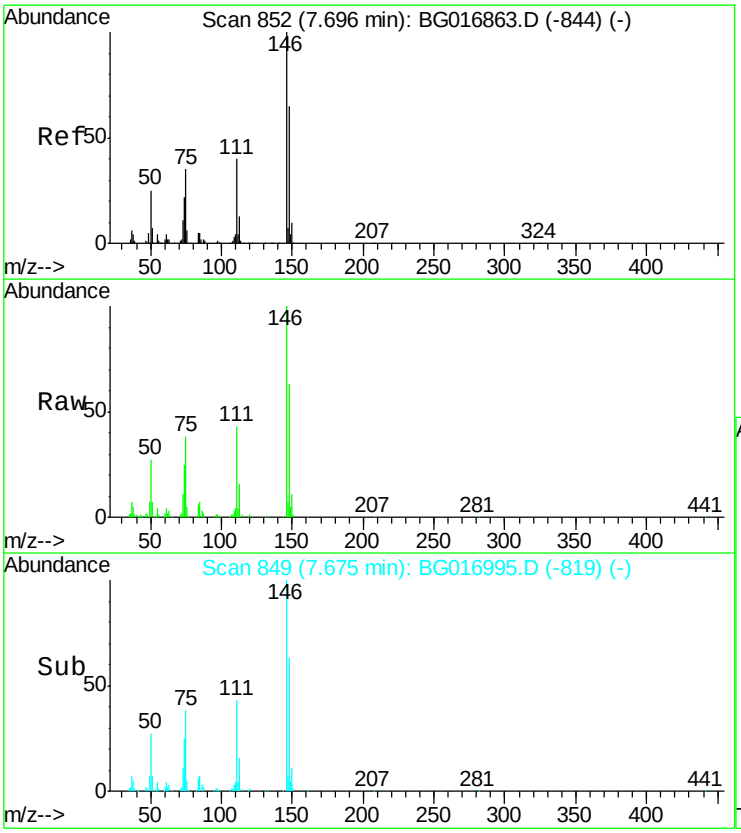
Tgt Ion: 93 Resp: 154313

Ion	Ratio	Lower	Upper
93	100		
63	83.1	61.2	101.2
95	32.5	15.0	55.0



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

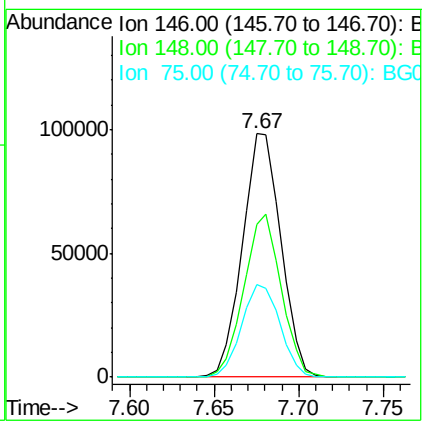
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

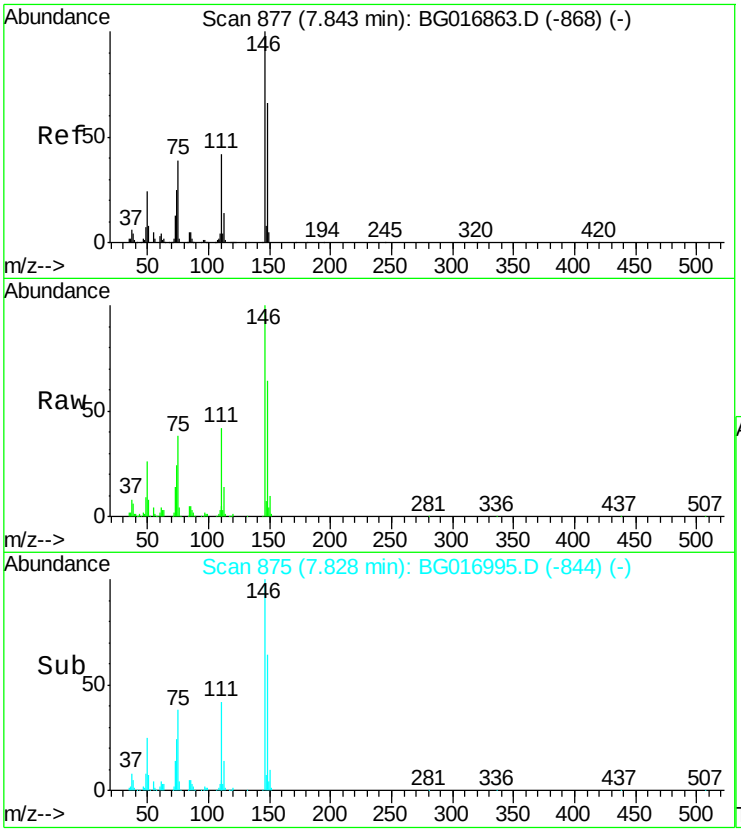


#12
1,3-Dichlorobenzene
Concen: 41.06 ng
RT: 7.67 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:146 Resp: 155859

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.9	77.9
75	38.1	28.2	42.2

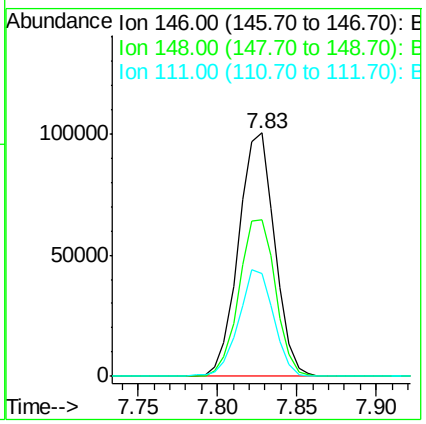




#13
1,4-Dichlorobenzene
Concen: 41.16 ng
RT: 7.83 min Scan# 875
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

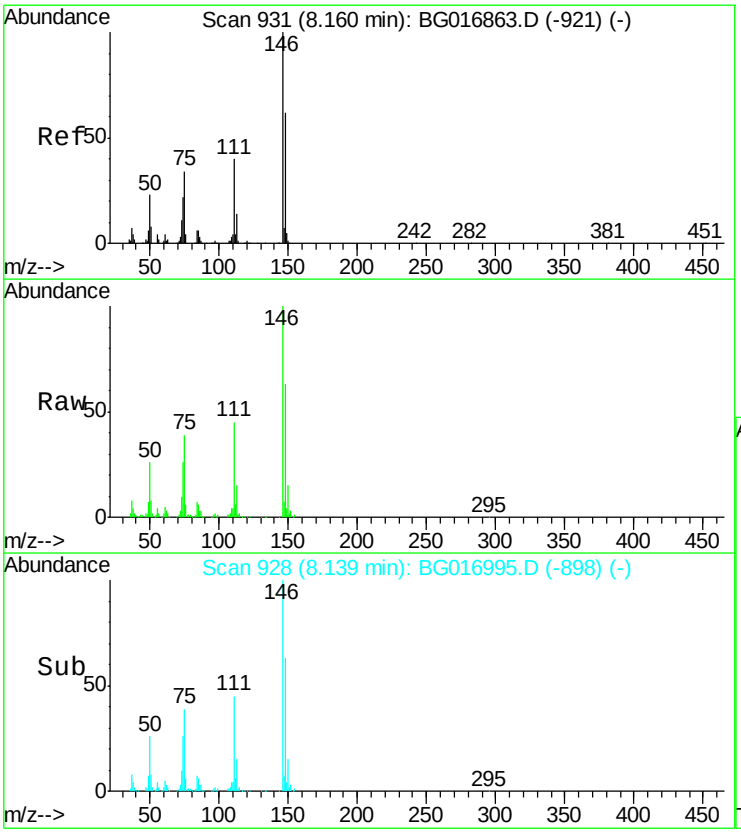
Tgt Ion:146 Resp: 158262

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
111	42.1	33.9	50.9



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

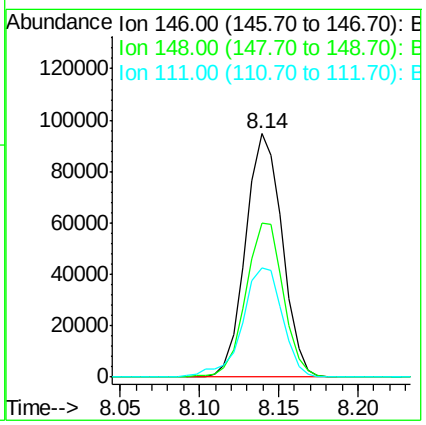
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

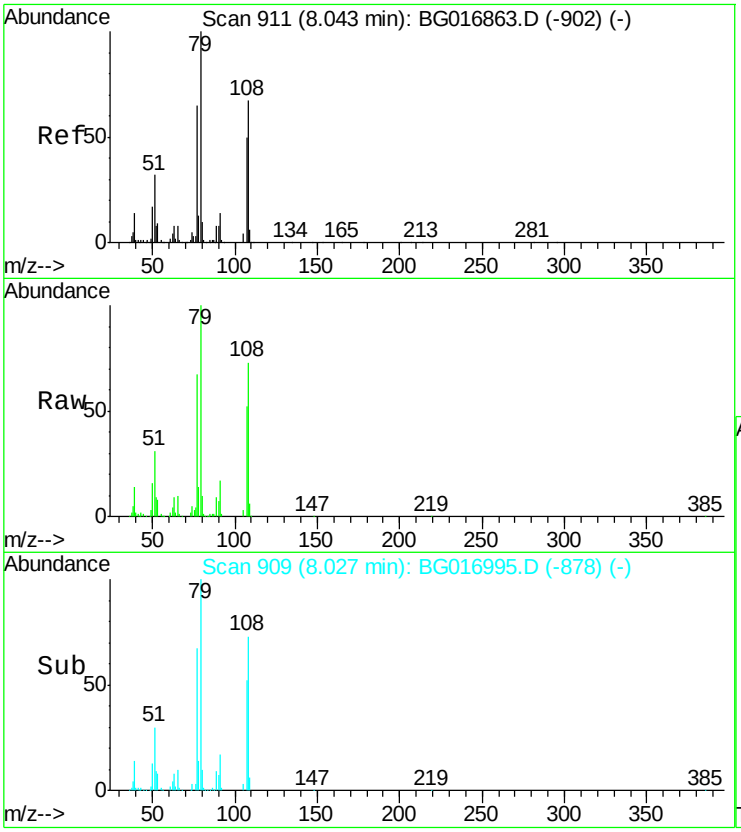


#14
1,2-Dichlorobenzene
Concen: 41.18 ng
RT: 8.14 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:146 Resp: 151960

Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.9	74.9
111	44.7	32.1	48.1





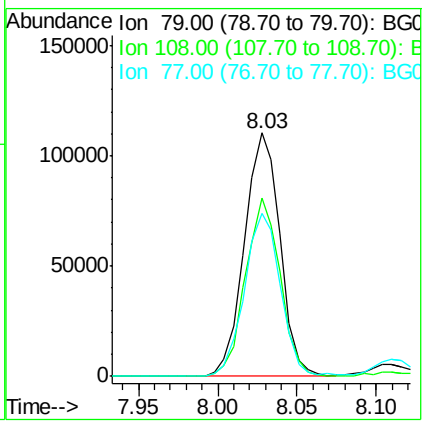
#15
Benzyl Alcohol
Concen: 44.24 ng
RT: 8.03 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

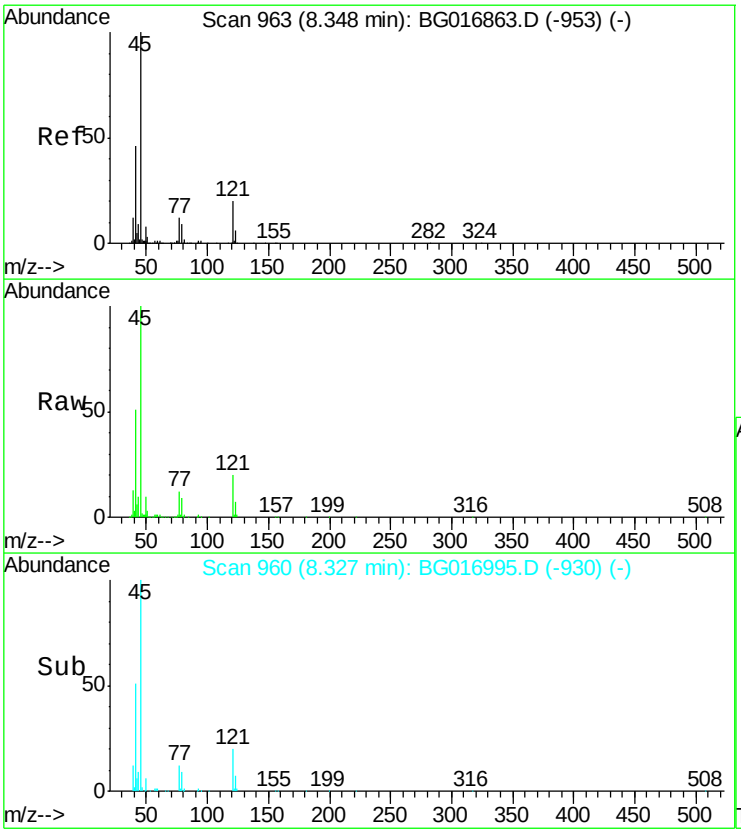
Tgt Ion: 79 Resp: 171533

Ion	Ratio	Lower	Upper
79	100		
108	73.5	53.4	80.2
77	66.9	52.2	78.2

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

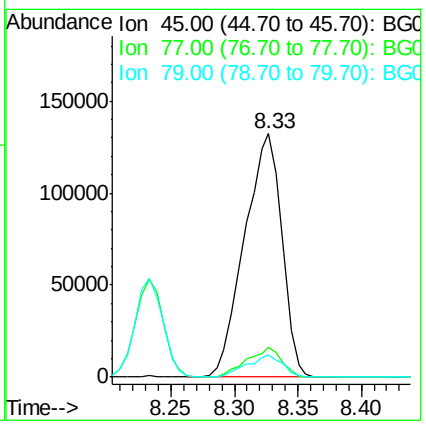


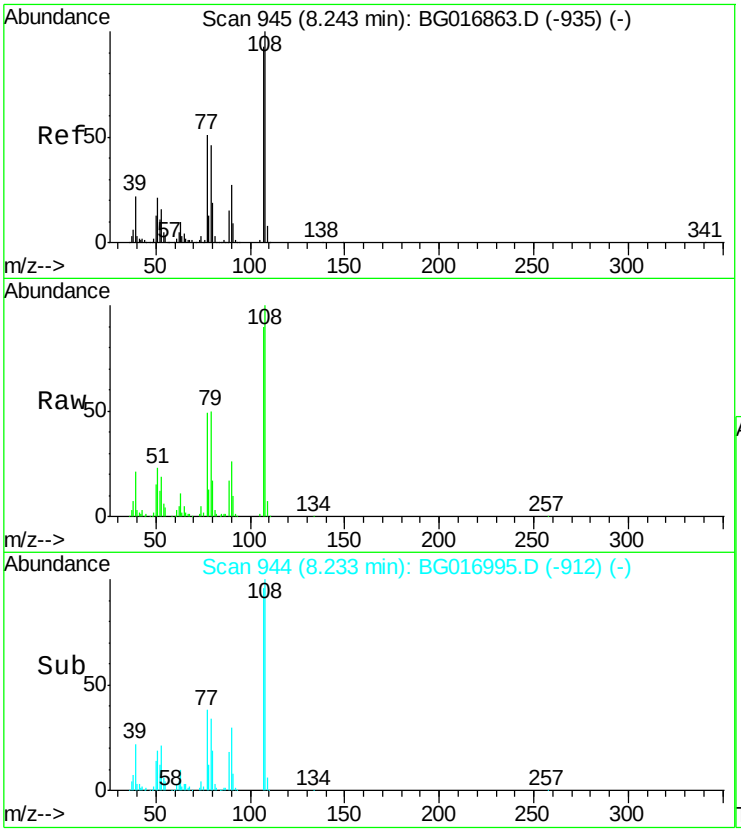


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.58 ng
RT: 8.33 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 45 Resp: 270923

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.8
79	9.3	0.0	29.1

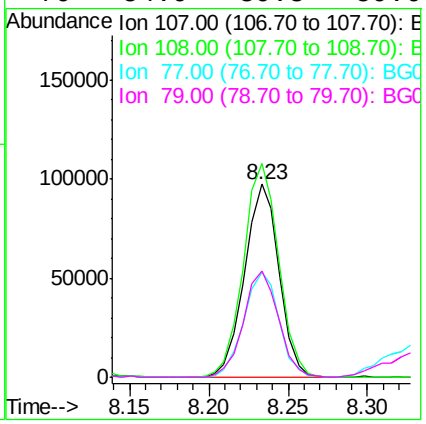




#17
2-Methylphenol
Concen: 45.85 ng
RT: 8.23 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

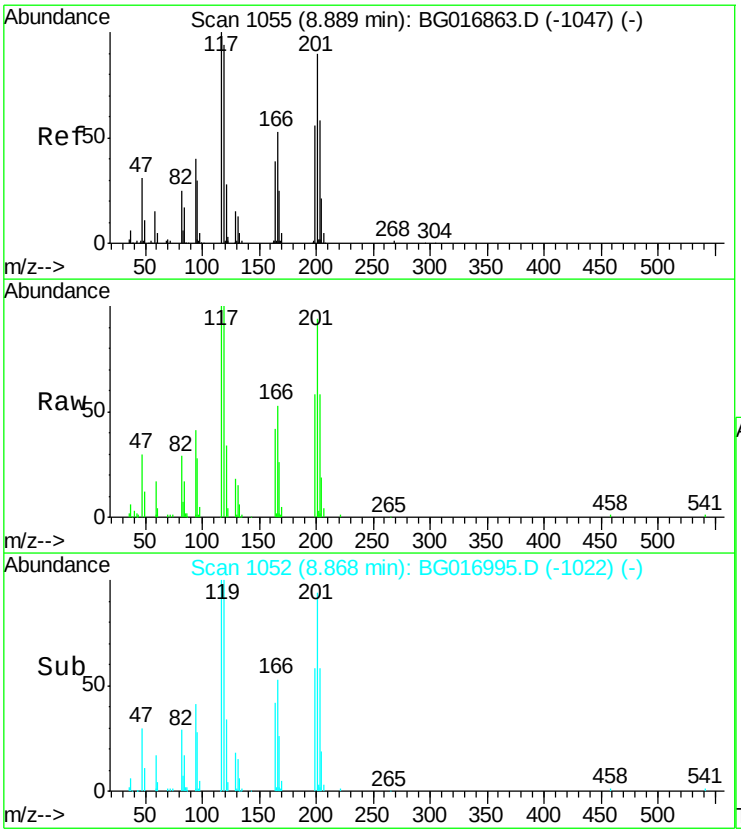
Tgt Ion:107 Resp: 146975

Ion	Ratio	Lower	Upper
107	100		
108	110.7	85.9	128.9
77	54.6	43.8	65.6
79	54.9	39.8	59.6



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

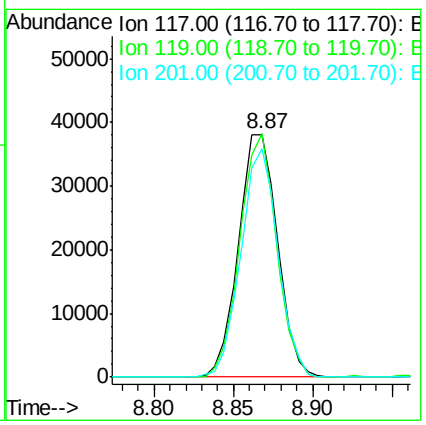
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

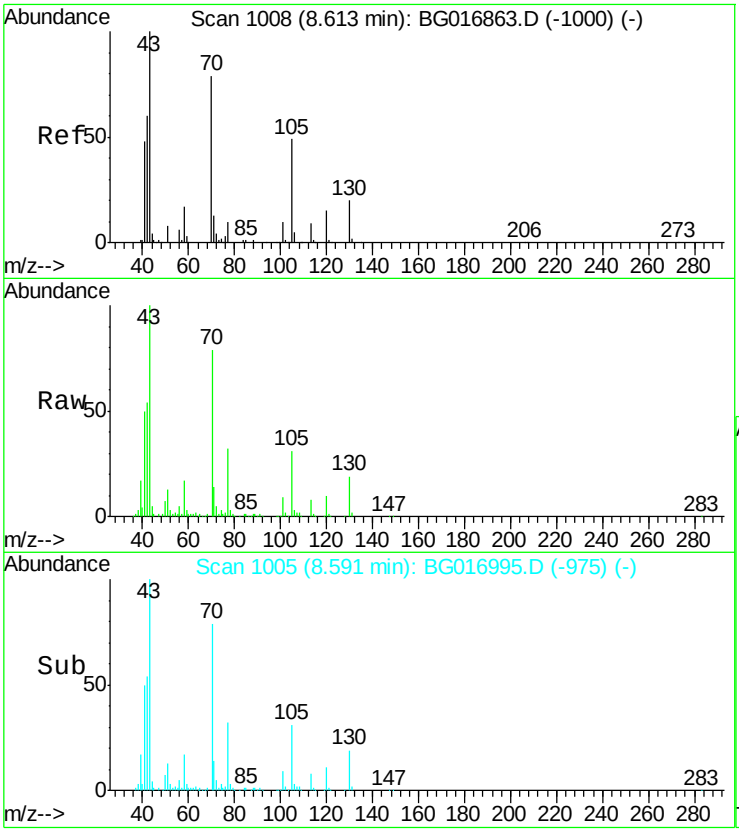


#18
Hexachloroethane
Concen: 41.35 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:117 Resp: 65357

Ion	Ratio	Lower	Upper
117	100		
119	100.2	74.8	112.2
201	94.0	72.1	108.1

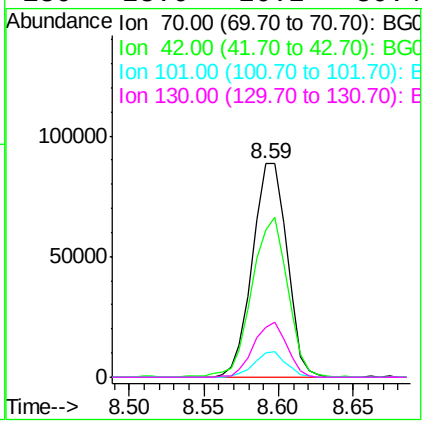




#19
n-Nitroso-di-n-propylamine
Concen: 38.28 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

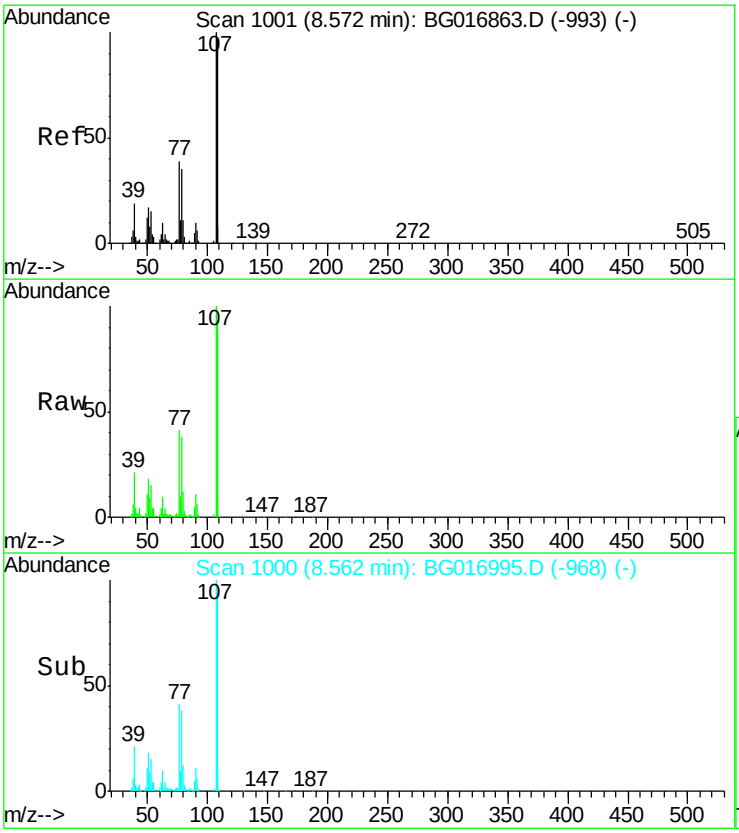
Tgt Ion: 70 Resp: 142490

Ion	Ratio	Lower	Upper
70	100		
42	69.2	61.5	92.3
101	11.6	9.8	14.6
130	23.6	20.2	30.4



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

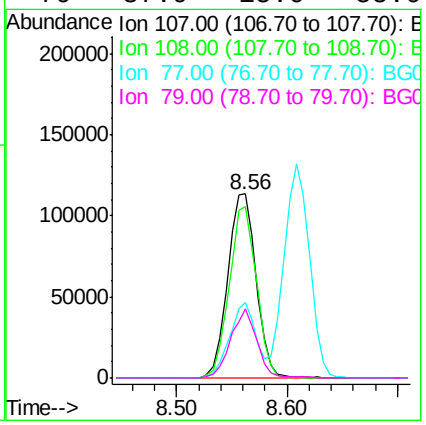
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

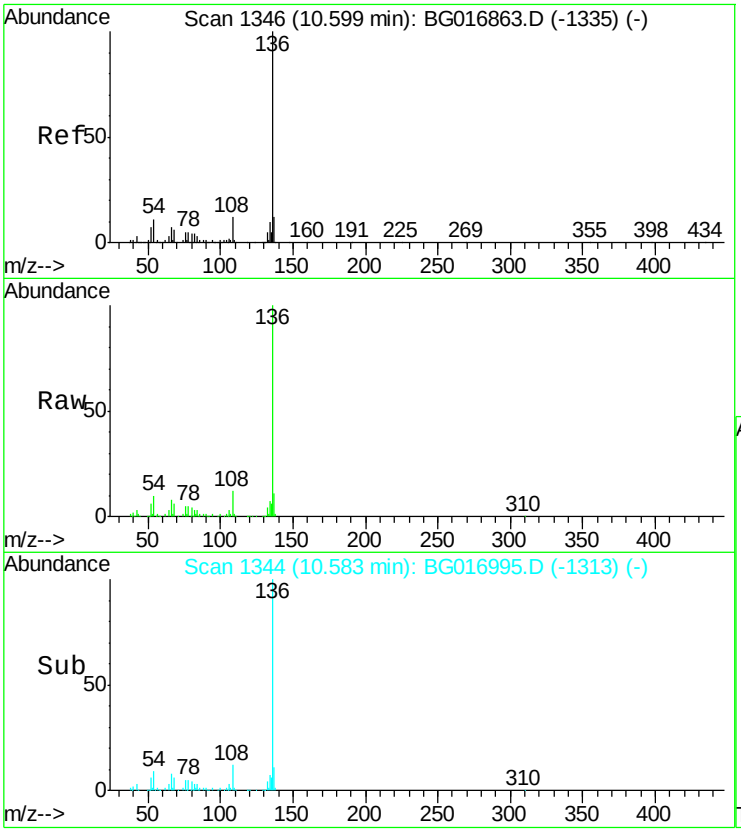


#20
3+4-Methylphenols
Concen: 46.43 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:107 Resp: 205111

Ion	Ratio	Lower	Upper
107	100		
108	93.5	76.6	116.6
77	41.1	19.0	59.0
79	37.9	15.0	55.0

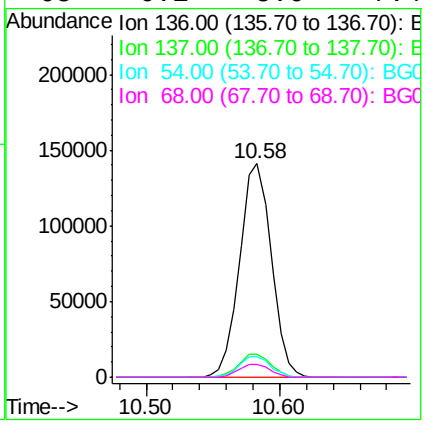




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

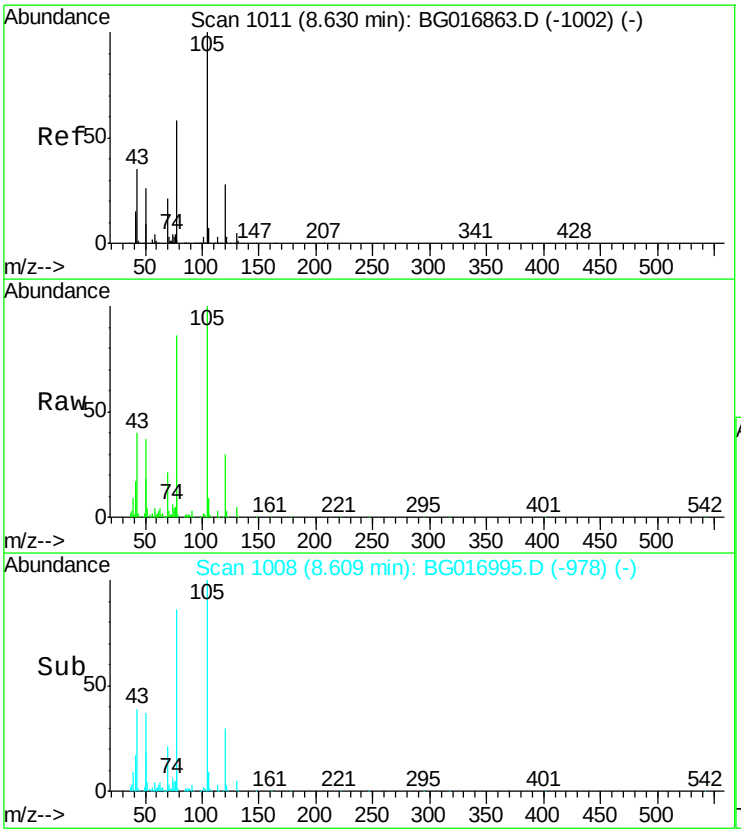
Tgt Ion:136 Resp: 230805

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.6	8.7	13.1
68	6.1	5.0	7.4



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

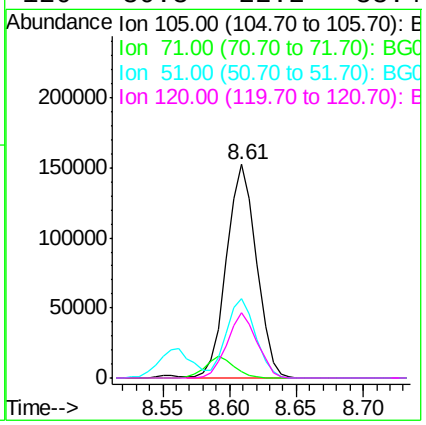
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

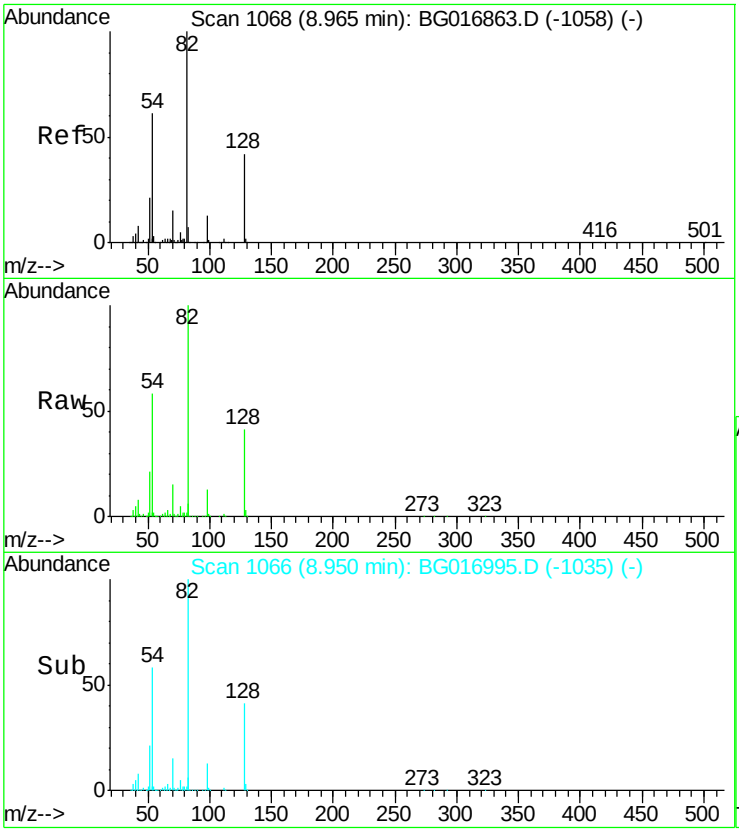


#22
Acetophenone
Concen: 43.55 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:105 Resp: 239439

Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.8	4.2
51	37.2	29.4	44.2
120	30.3	22.2	33.4

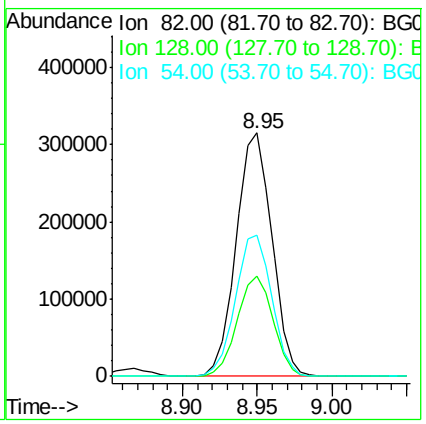




#23
Nitrobenzene-d5
Concen: 110.90 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

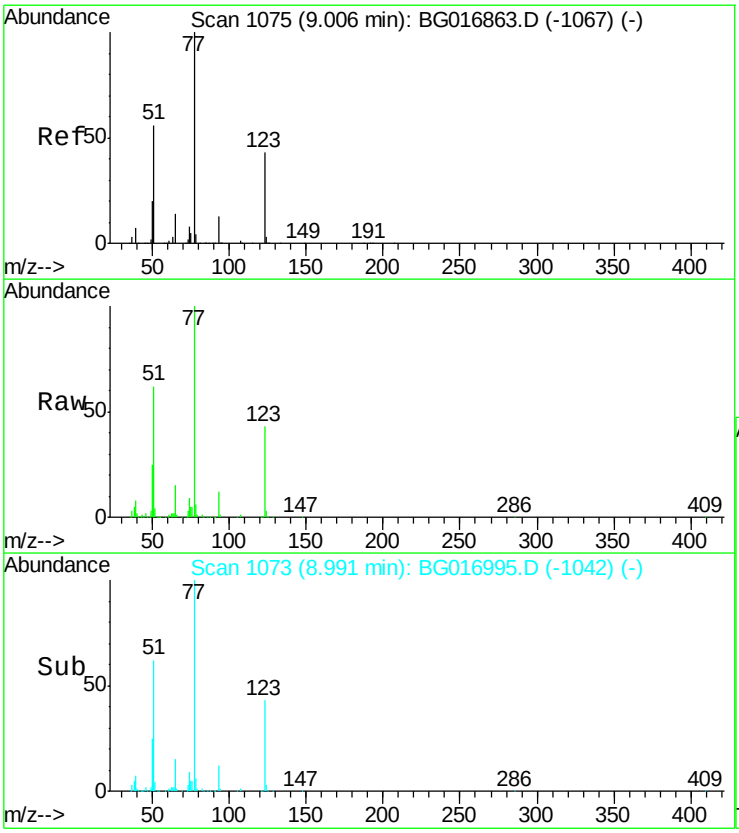
Tgt Ion: 82 Resp: 523928

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.2	49.8
54	57.7	48.6	72.8



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

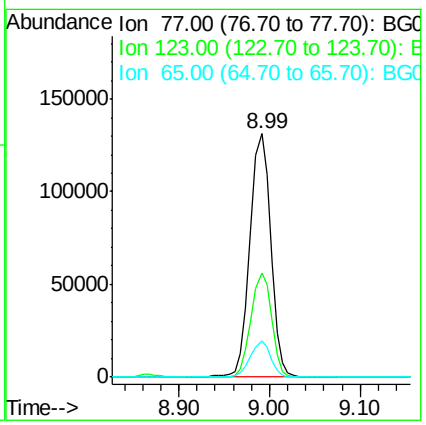
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

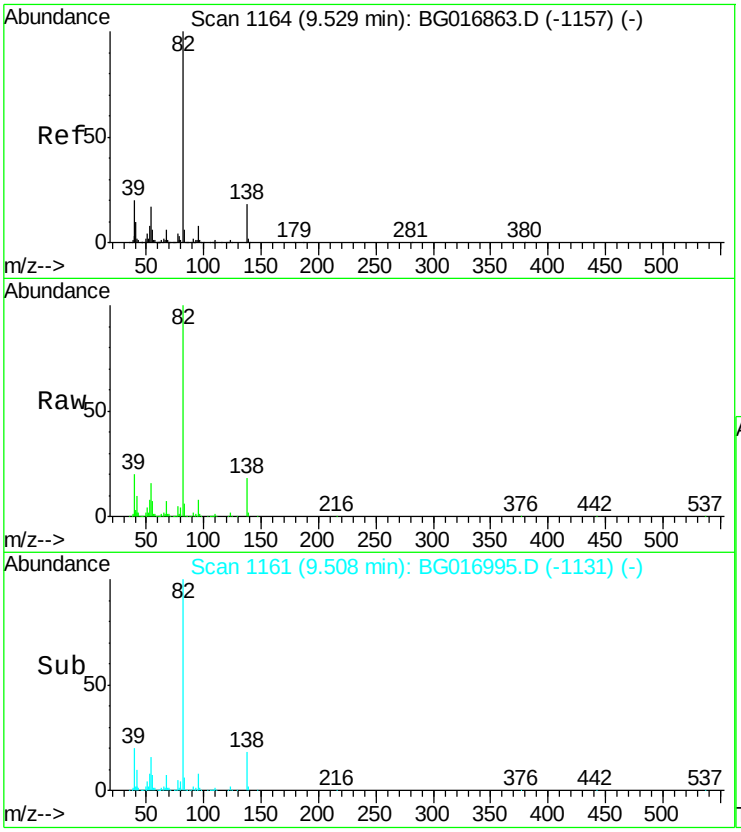


#24
Nitrobenzene
Concen: 43.86 ng
RT: 8.99 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 77 Resp: 209246

Ion	Ratio	Lower	Upper
77	100		
123	42.5	34.0	51.0
65	15.1	11.2	16.8

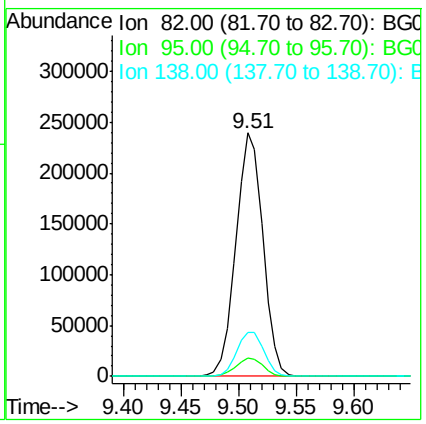




#25
Isophorone
Concen: 40.59 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

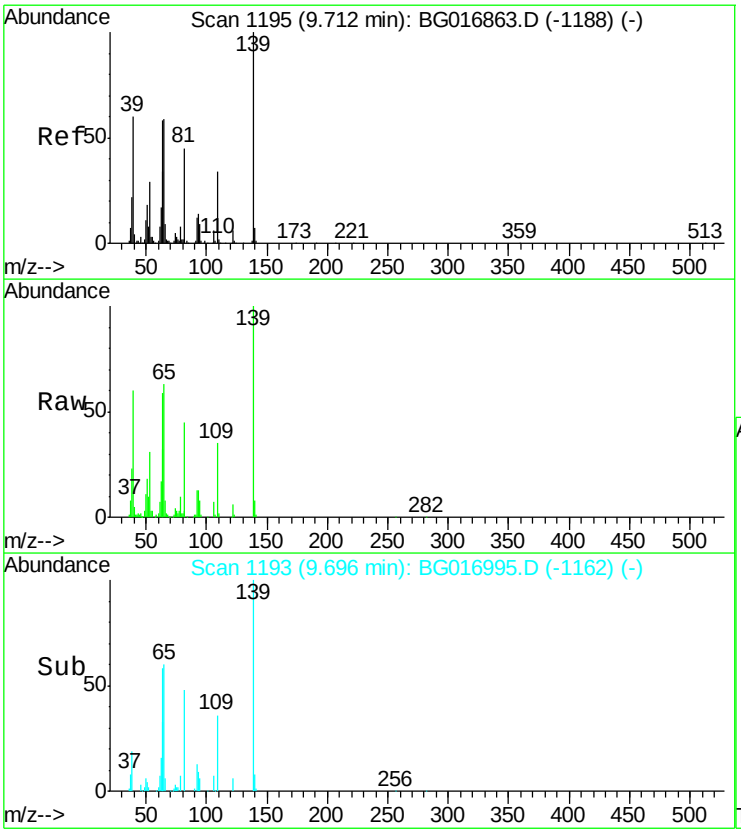
Tgt Ion: 82 Resp: 387185

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.7	10.1
138	18.2	14.7	22.1



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

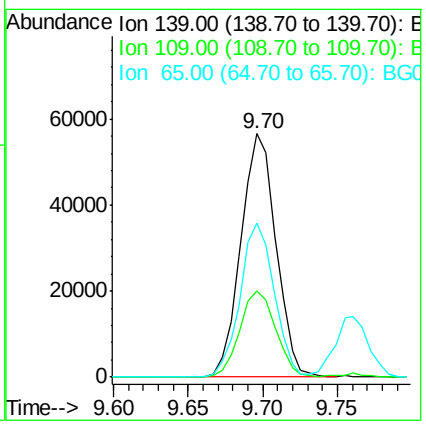
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

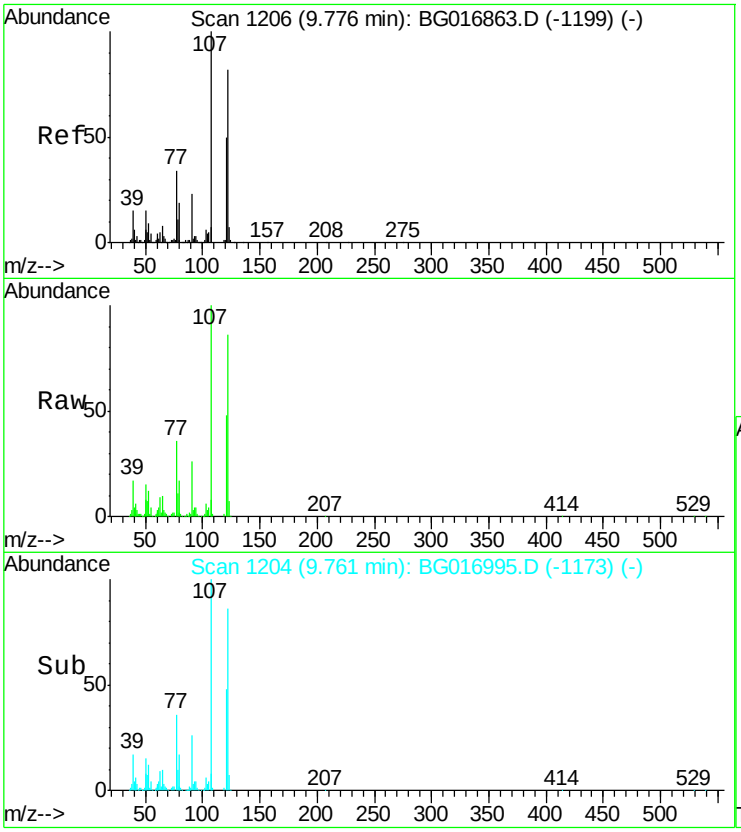


#26
2-Nitrophenol
Concen: 47.24 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:139 Resp: 91768

Ion	Ratio	Lower	Upper
139	100		
109	35.2	27.4	41.2
65	63.1	47.1	70.7

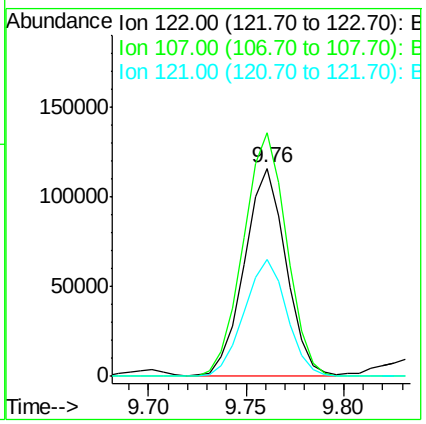




#27
2,4-Dimethylphenol
Concen: 48.52 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

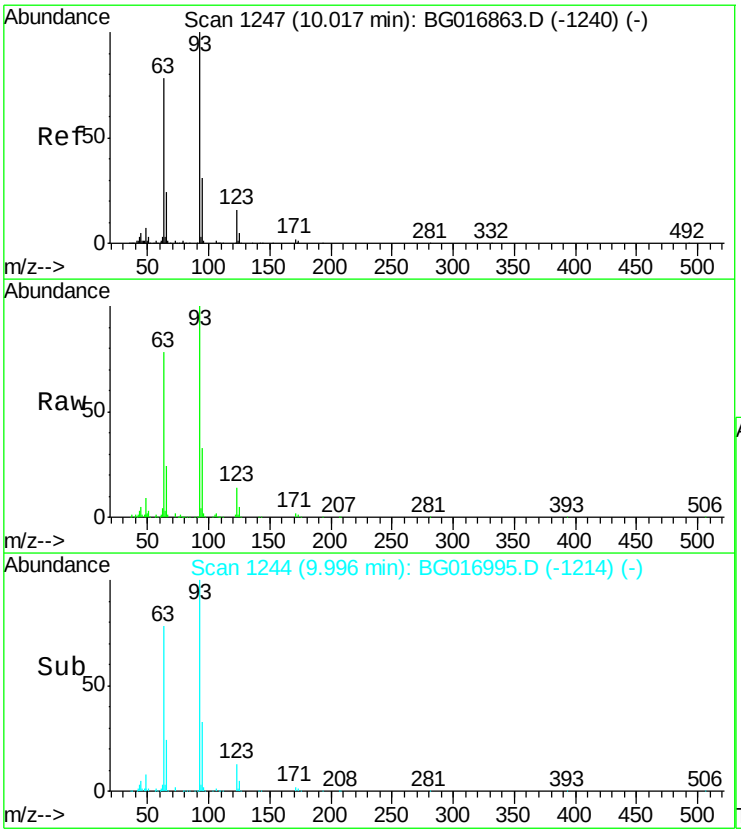
Tgt Ion:122 Resp: 170589

Ion	Ratio	Lower	Upper
122	100		
107	116.9	97.6	146.4
121	56.0	48.4	72.6



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

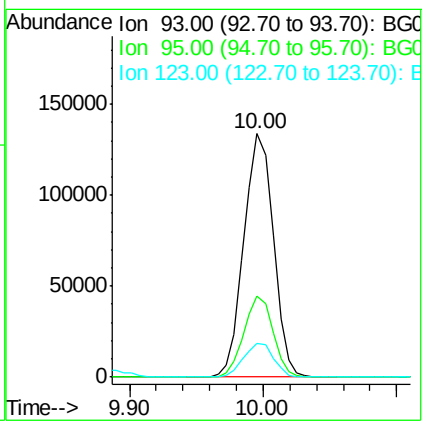
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

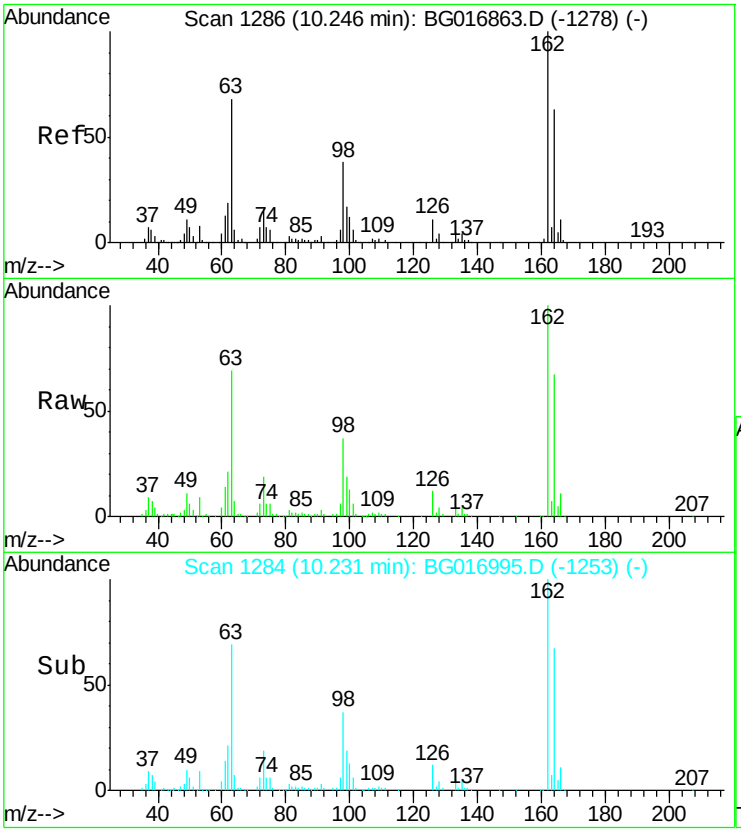


#28
bis(2-Chloroethoxy)methane
Concen: 42.49 ng
RT: 10.00 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 93 Resp: 204612

Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.8	37.2
123	13.8	12.6	19.0





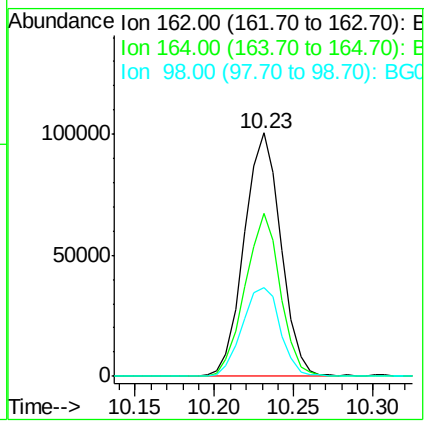
#29
2,4-Dichlorophenol
Concen: 48.71 ng
RT: 10.23 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

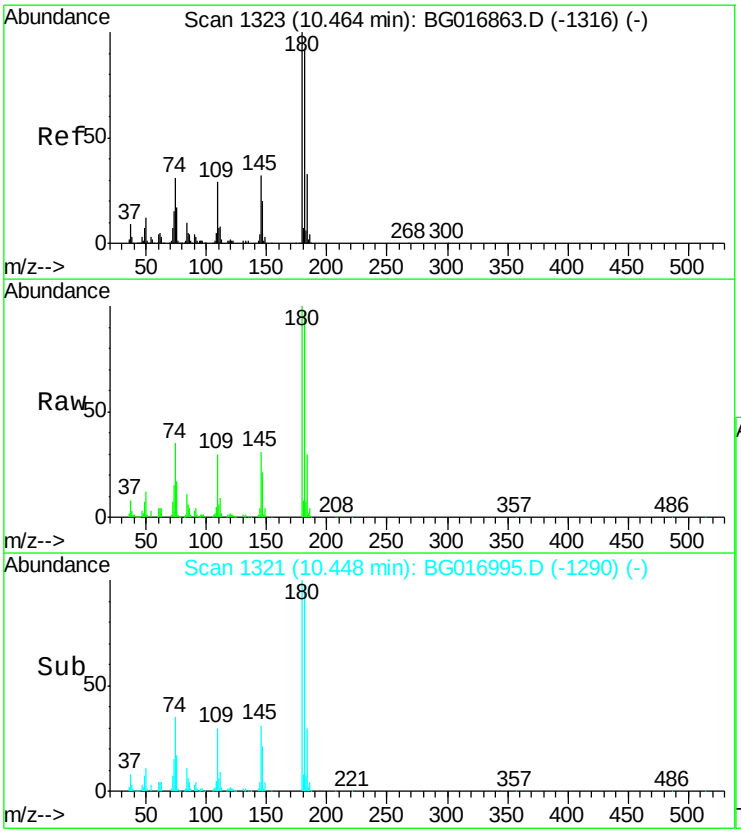
Tgt Ion:162 Resp: 161787

Ion	Ratio	Lower	Upper
162	100		
164	66.9	42.9	82.9
98	36.6	18.4	58.4

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

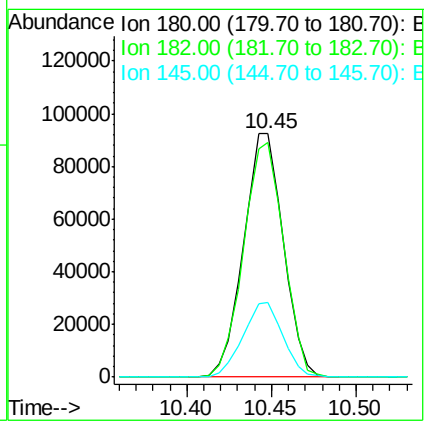


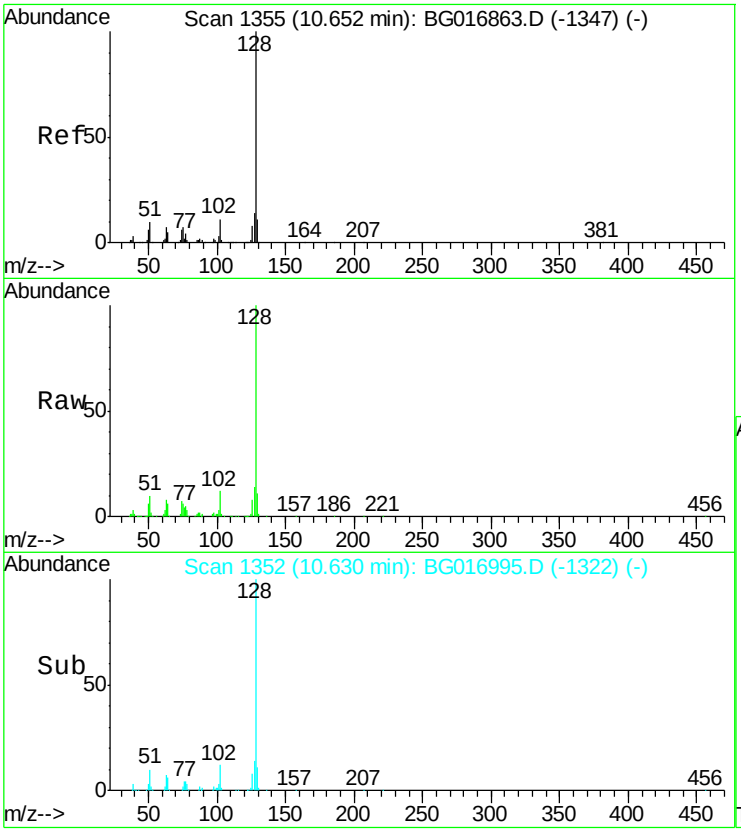


#30
1,2,4-Trichlorobenzene
Concen: 43.03 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:180 Resp: 151540

Ion	Ratio	Lower	Upper
180	100		
182	96.6	73.8	110.8
145	30.8	25.4	38.0

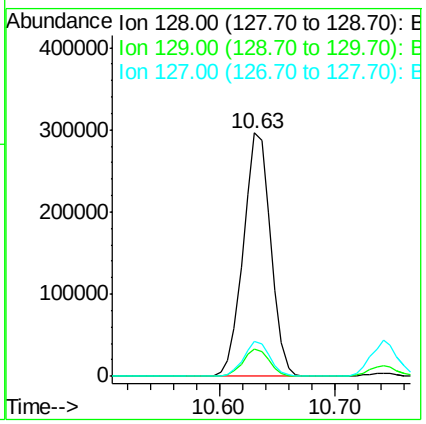




#31
Naphthalene
Concen: 42.42 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

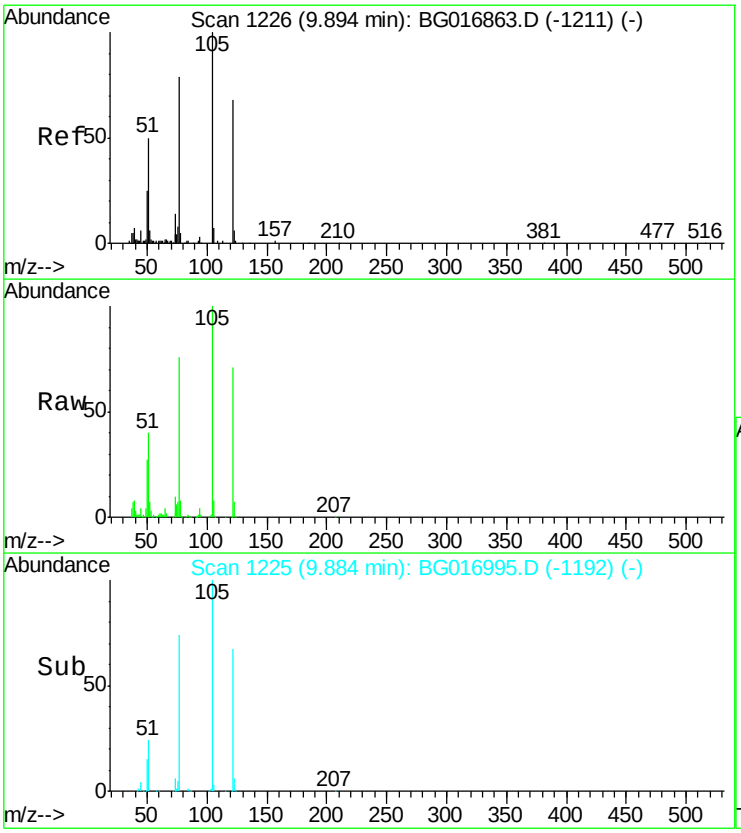
Tgt Ion:128 Resp: 486990

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	14.3	10.9	16.3



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

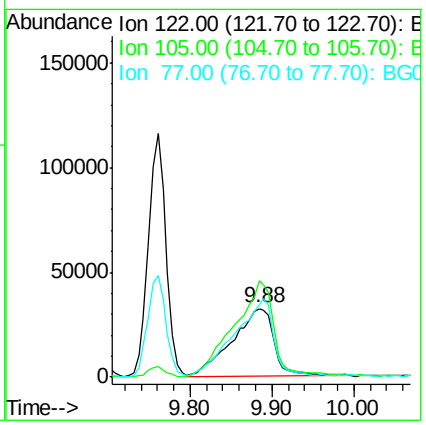
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

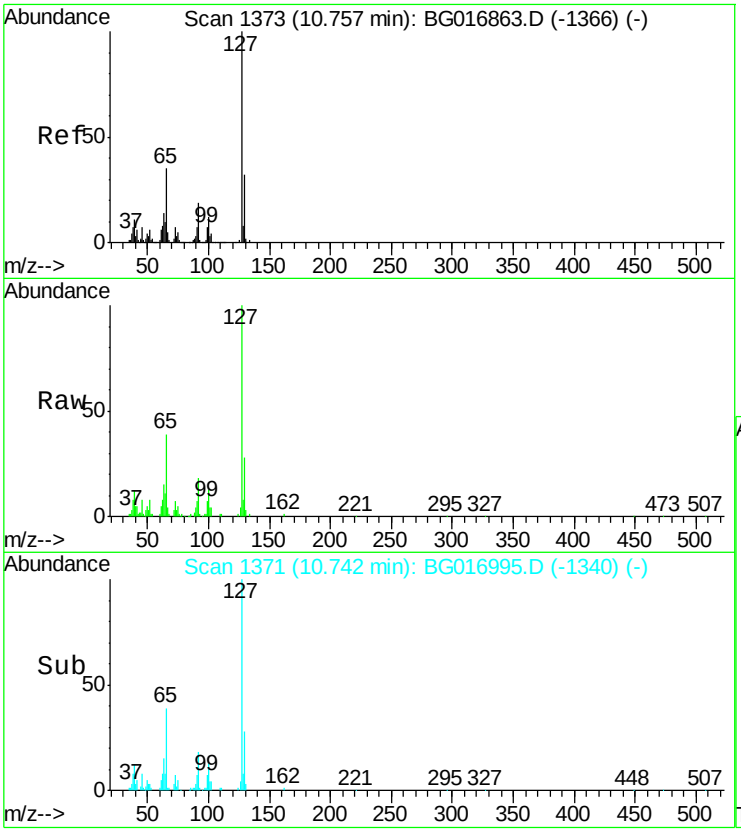


#32
Benzoic acid
Concen: 52.27 ng
RT: 9.88 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:122 Resp: 114392

Ion	Ratio	Lower	Upper
122	100		
105	140.1	123.2	163.2
77	106.0	93.0	133.0

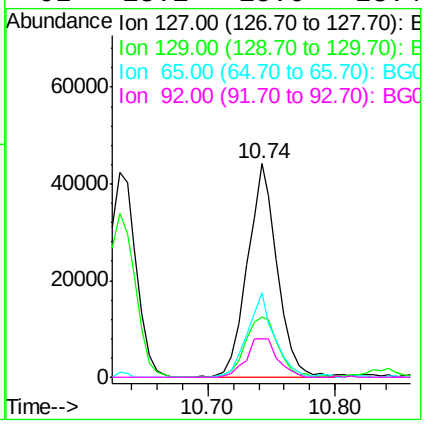




#33
4-Chloroaniline
Concen: 13.58 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

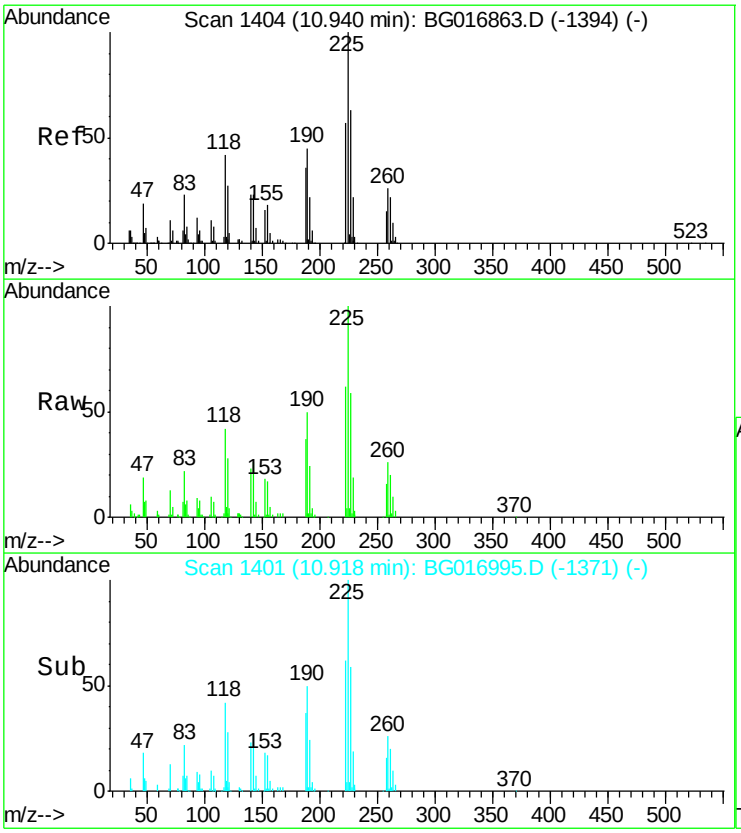
Tgt Ion:127 Resp: 72001

Ion	Ratio	Lower	Upper
127	100		
129	28.2	25.8	38.6
65	39.4	28.2	42.2
92	18.1	15.6	23.4



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

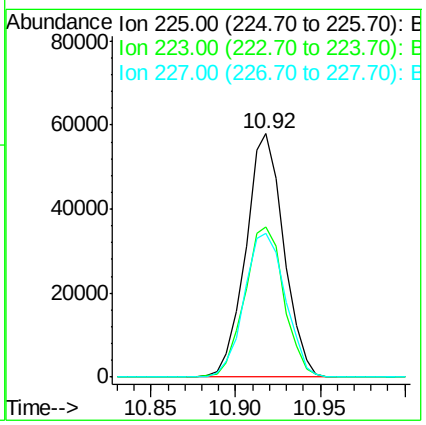
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

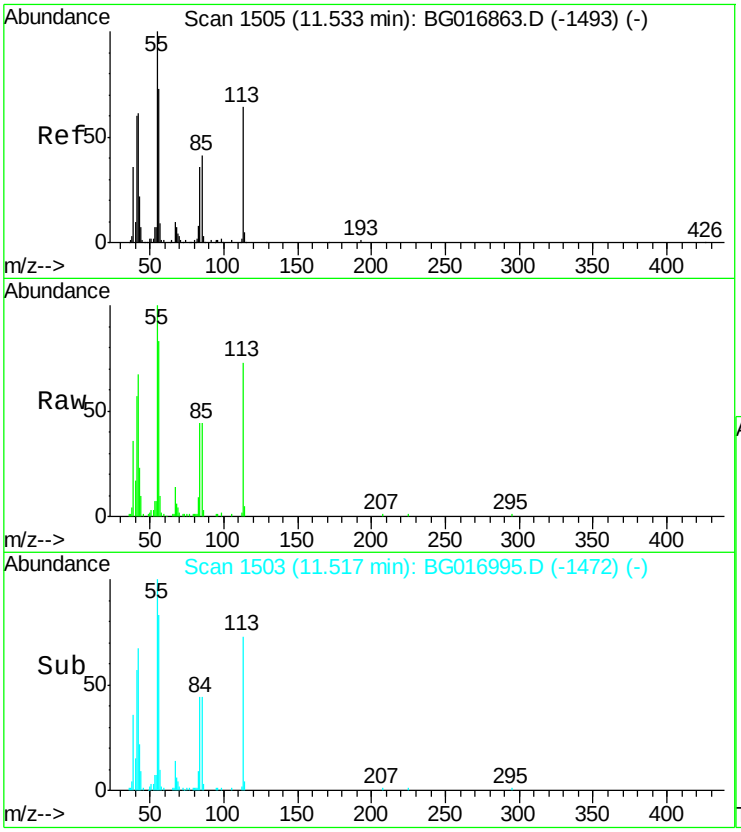


#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 10.92 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:225 Resp: 90439

Ion	Ratio	Lower	Upper
225	100		
223	61.7	45.8	68.6
227	58.9	50.7	76.1





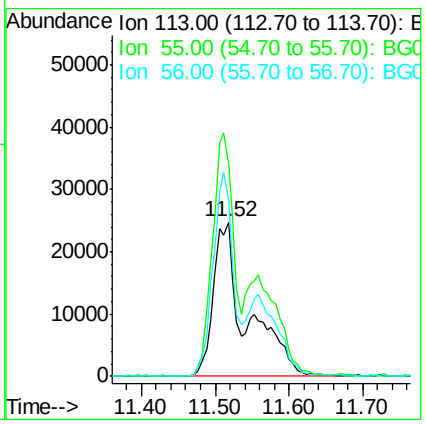
#35
Caprolactam
Concen: 44.84 ng m
RT: 11.52 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

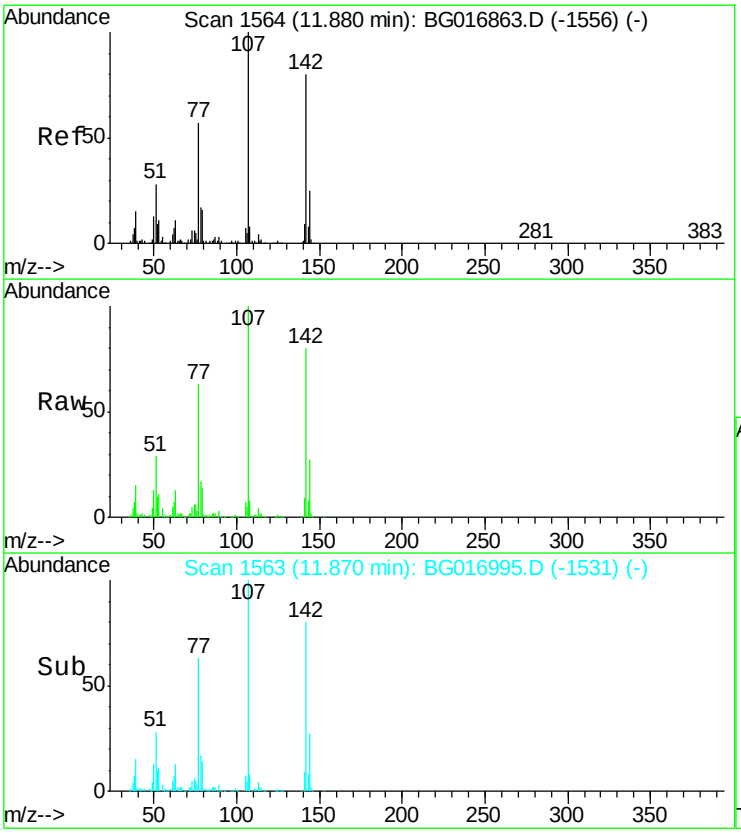
Tgt Ion:113 Resp: 77371

Ion	Ratio	Lower	Upper
113	100		
55	136.7	137.1	177.1#
56	113.5	94.3	134.3

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

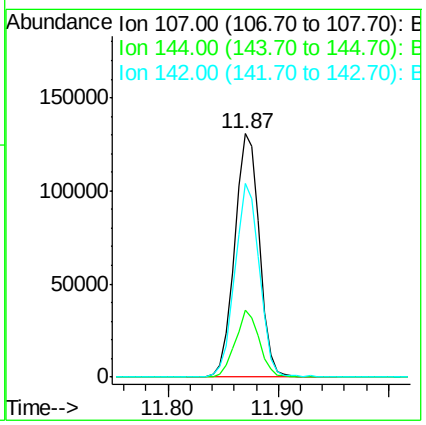


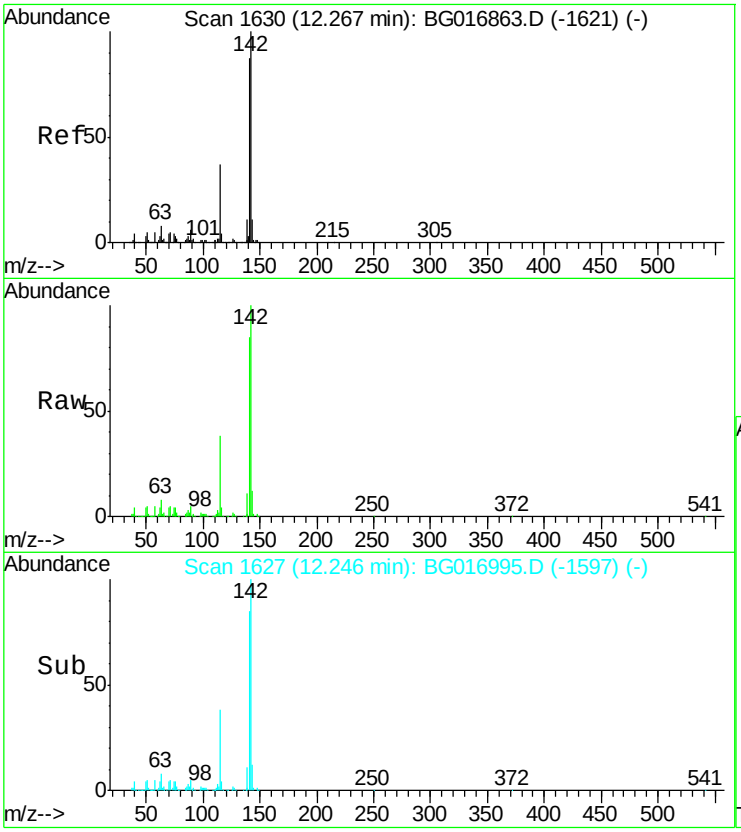


#36
4-Chloro-3-methylphenol
Concen: 48.33 ng
RT: 11.87 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:107 Resp: 205537

Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.2	30.2
142	79.6	64.2	96.2

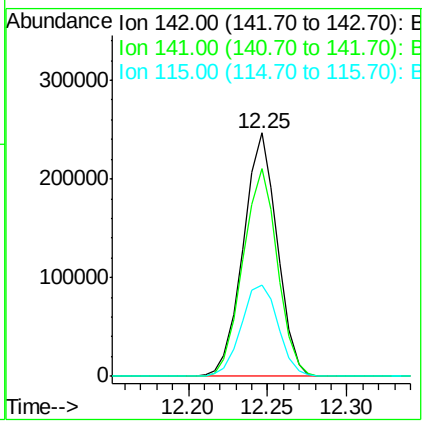




#37
2-Methylnaphthalene
Concen: 42.02 ng
RT: 12.25 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

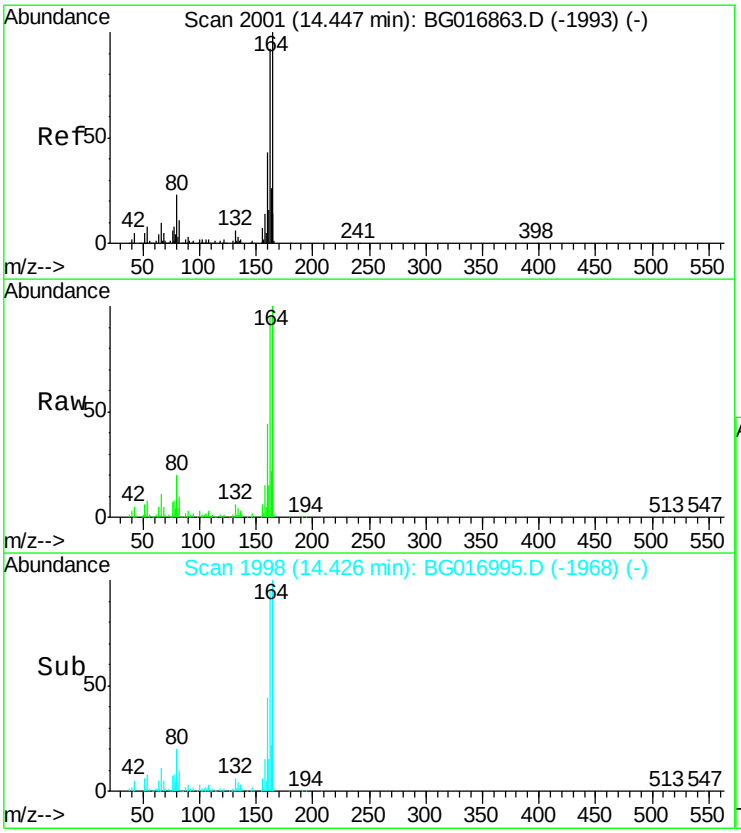
Tgt Ion:142 Resp: 367394

Ion	Ratio	Lower	Upper
142	100		
141	85.3	69.9	104.9
115	37.7	29.8	44.8



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

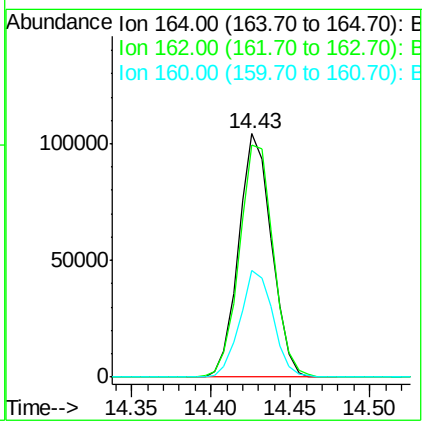
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

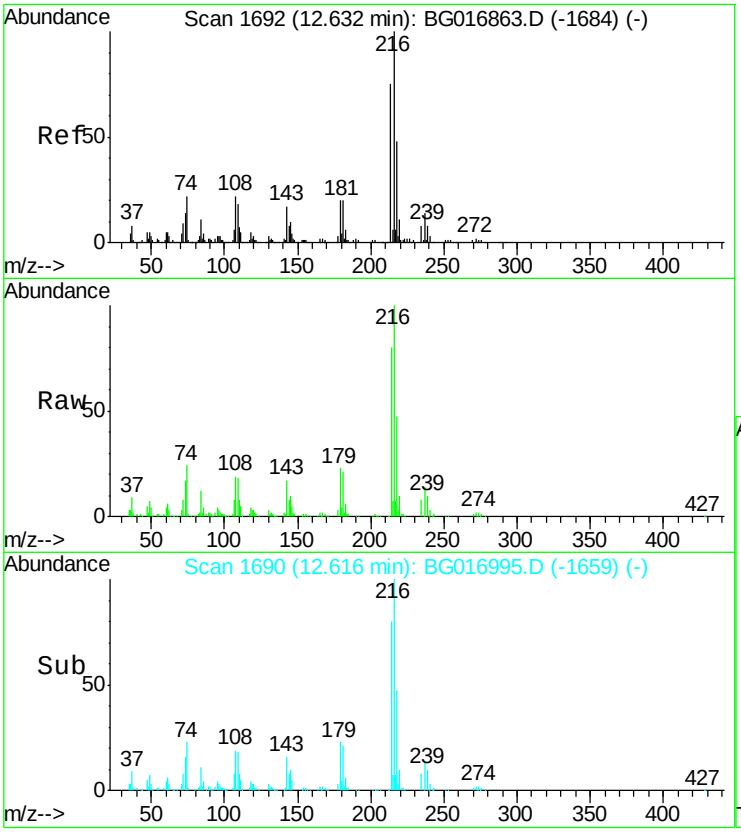


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:164 Resp: 150074

Ion	Ratio	Lower	Upper
164	100		
162	95.3	74.0	111.0
160	43.9	34.7	52.1





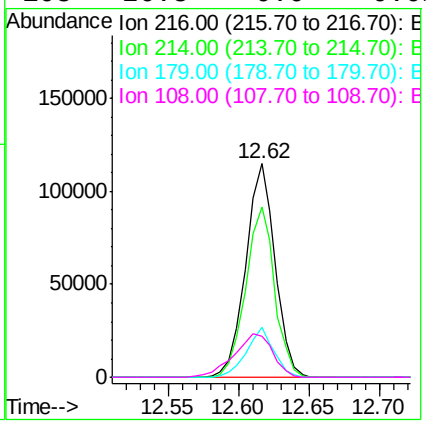
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.13 ng
RT: 12.62 min Scan# 1690
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

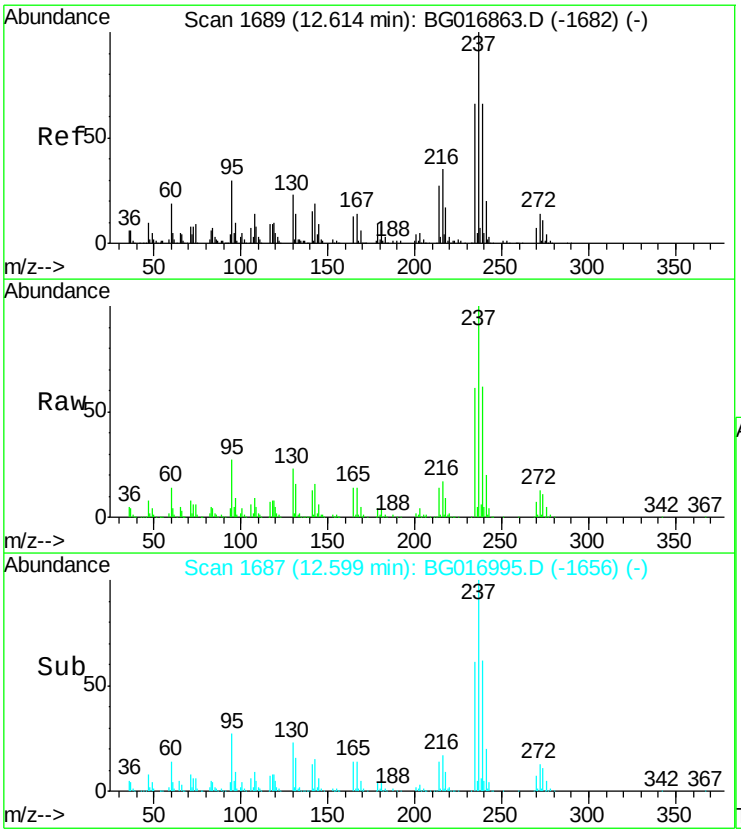
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

Tgt Ion:216 Resp: 166851

Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	21.4	0.0	0.0#
108	26.8	0.0	0.0#

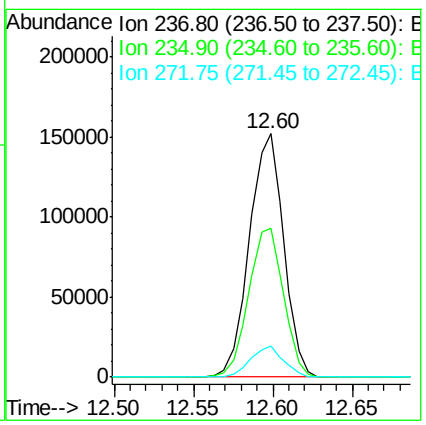


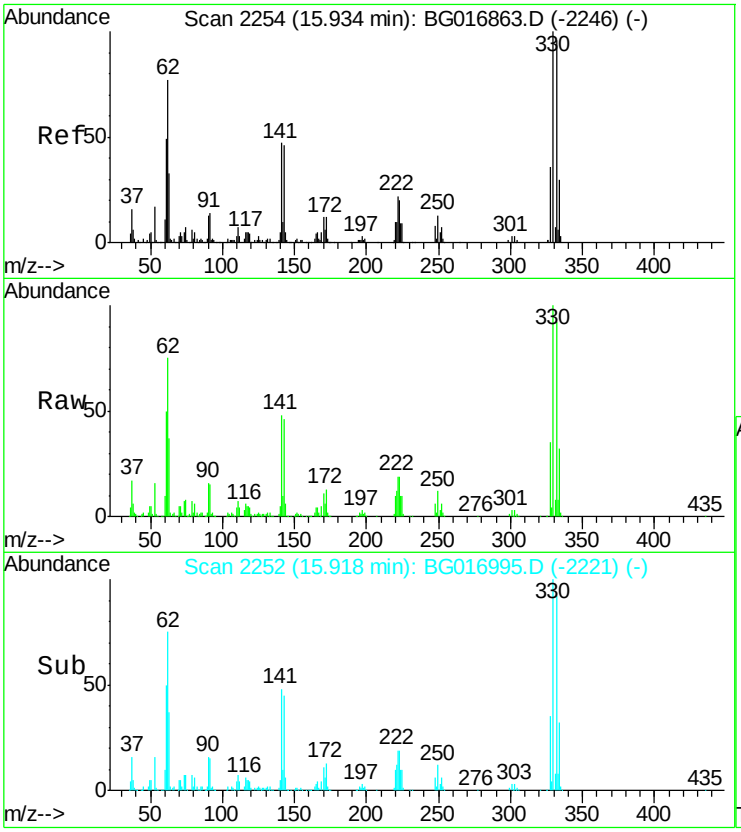


#40
Hexachlorocyclopentadiene
Concen: 87.42 ng
RT: 12.60 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:237 Resp: 229036

Ion	Ratio	Lower	Upper
237	100		
235	61.4	45.5	85.5
272	12.6	0.0	33.7





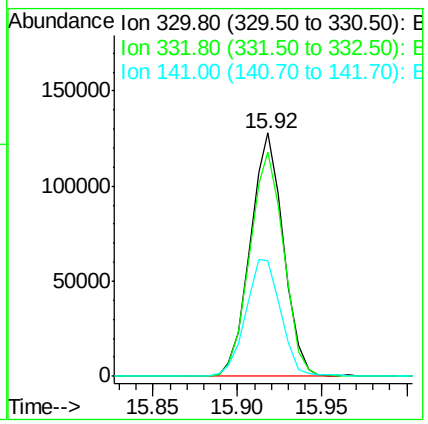
#41
2,4,6-Tribromophenol
Concen: 115.52 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

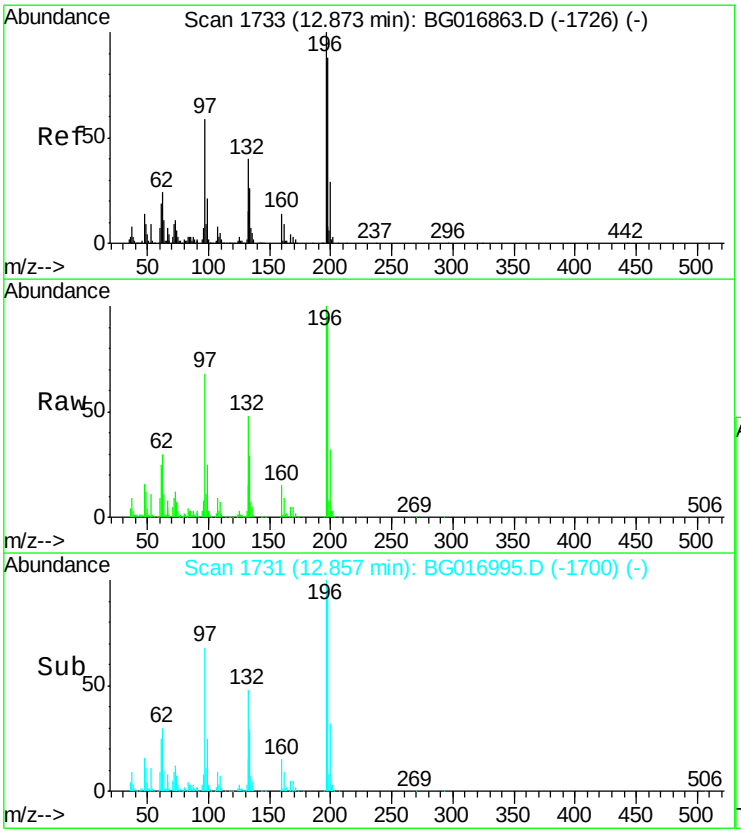
Tgt Ion:330 Resp: 174047

Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	51.0	0.0	0.0#

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

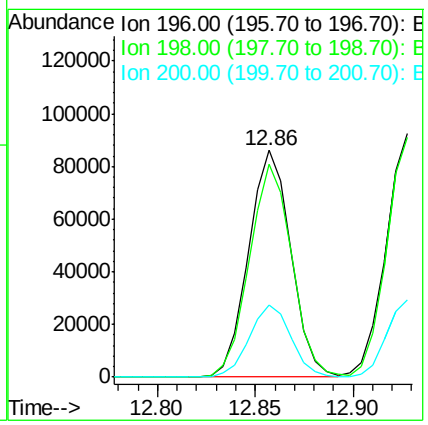


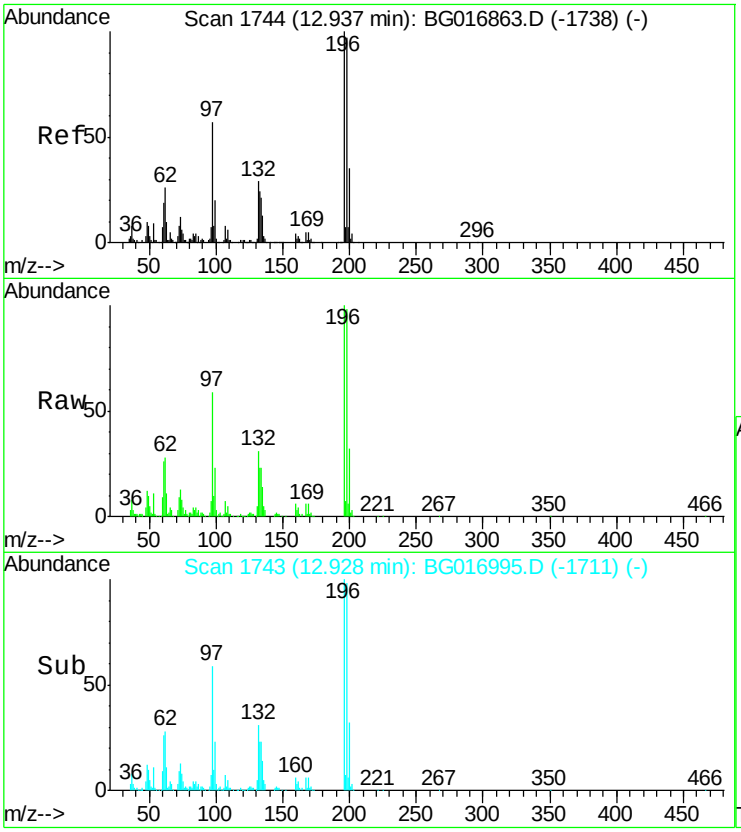


#42
2,4,6-Trichlorophenol
Concen: 44.87 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:196 Resp: 128995

Ion	Ratio	Lower	Upper
196	100		
198	94.1	70.7	106.1
200	31.8	23.0	34.4

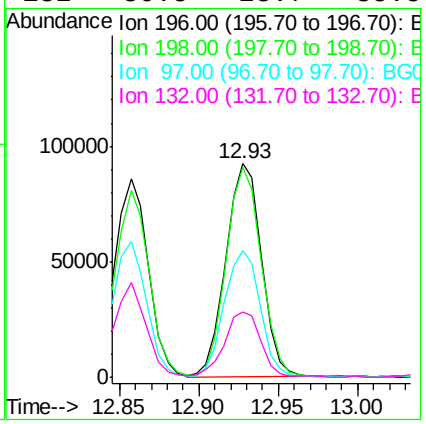




#43
2,4,5-Trichlorophenol
Concen: 46.90 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

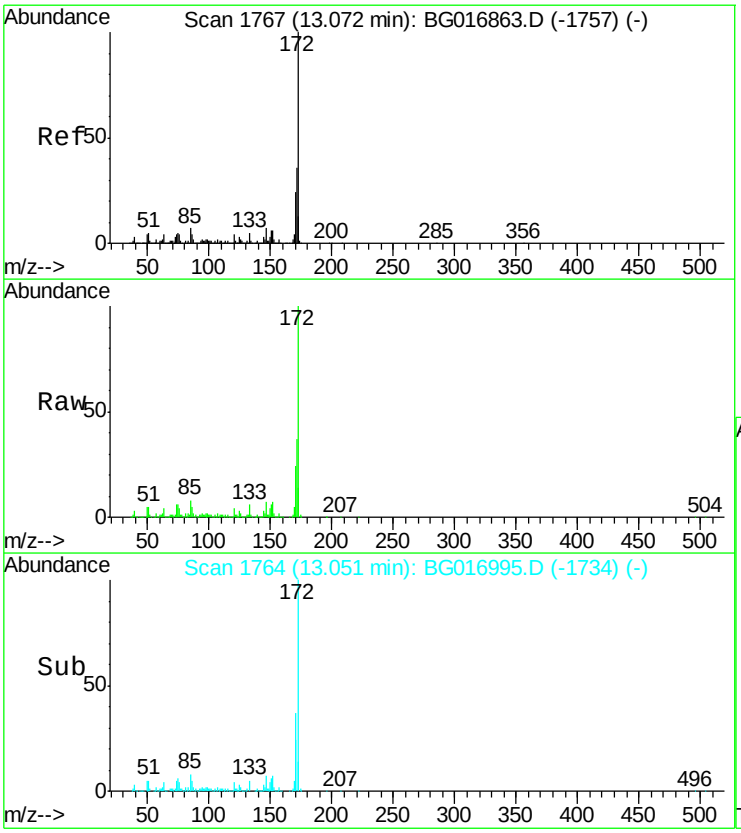
Tgt Ion:196 Resp: 143129

Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.5	116.3
97	59.4	45.9	68.9
132	30.5	23.7	35.5



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

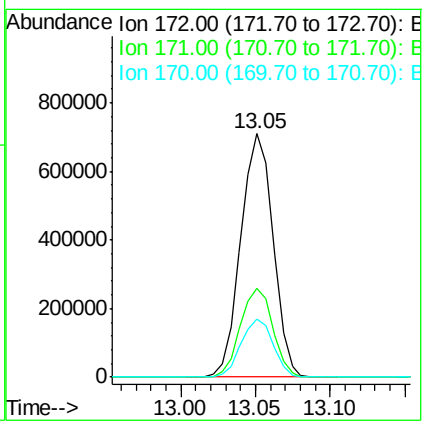
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

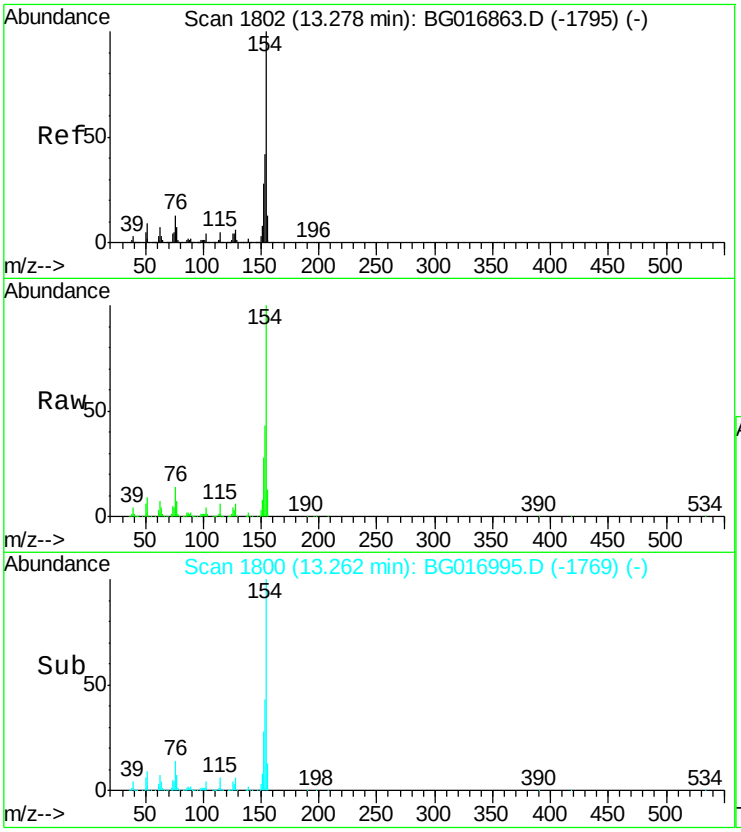


#44
2-Fluorobiphenyl
Concen: 106.89 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:172 Resp: 1063077

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	23.9	19.0	28.4

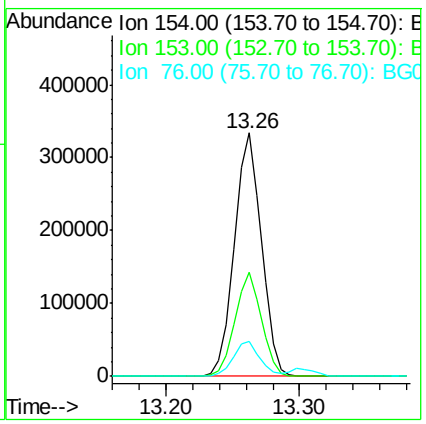




#45
1,1'-Biphenyl
Concen: 43.54 ng
RT: 13.26 min Scan# 1800
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

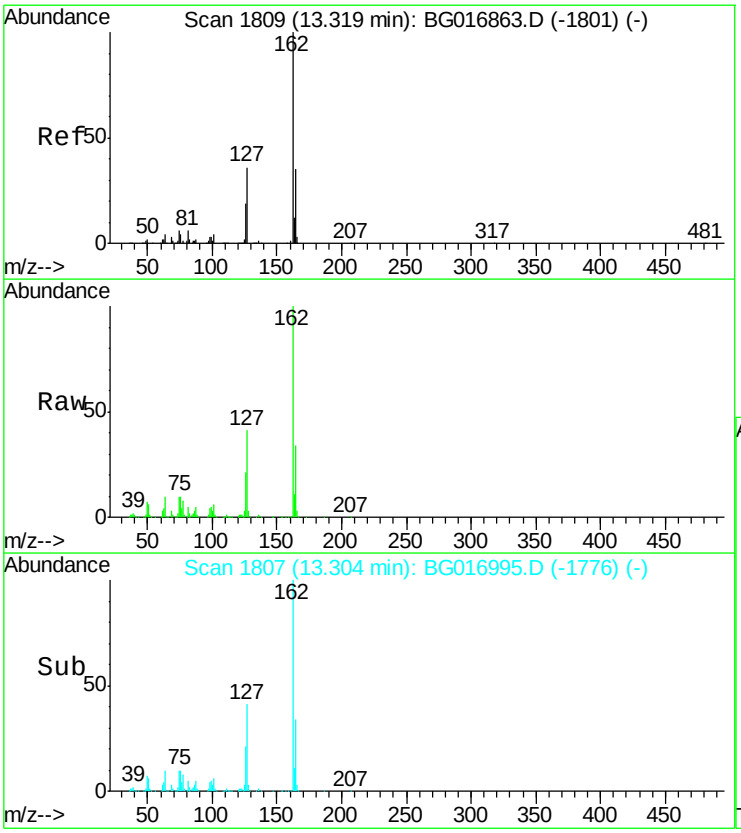
Tgt Ion:154 Resp: 467848

Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.0	62.0
76	14.4	0.0	33.3



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

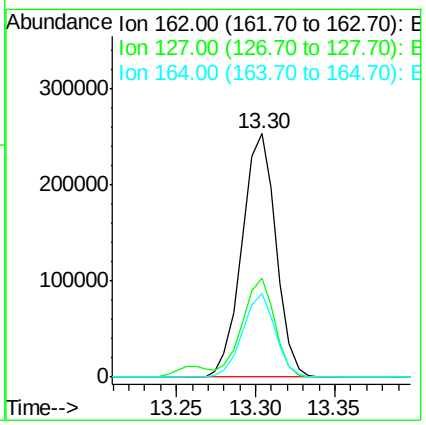
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

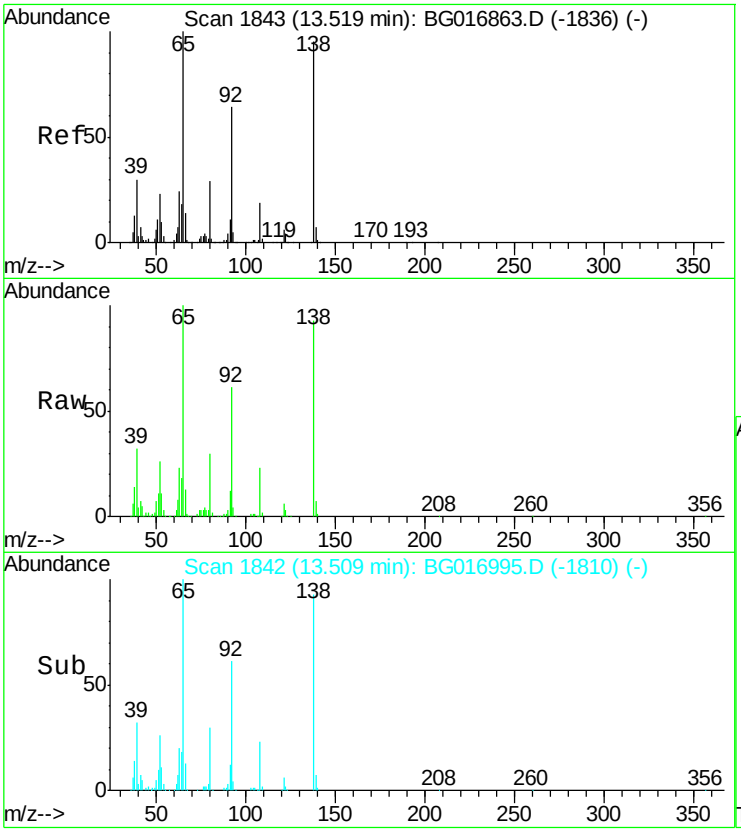


#46
2-Chloronaphthalene
Concen: 44.20 ng
RT: 13.30 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:162 Resp: 376184

Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.2	46.8
164	34.2	27.8	41.6

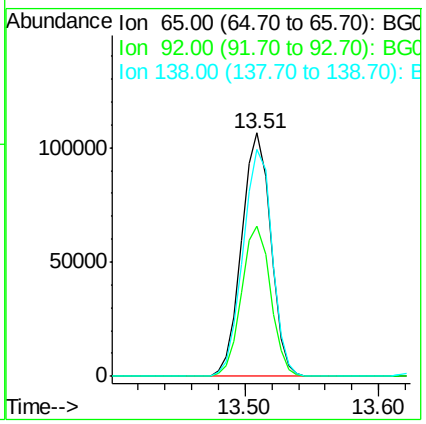




#47
2-Nitroaniline
Concen: 54.13 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

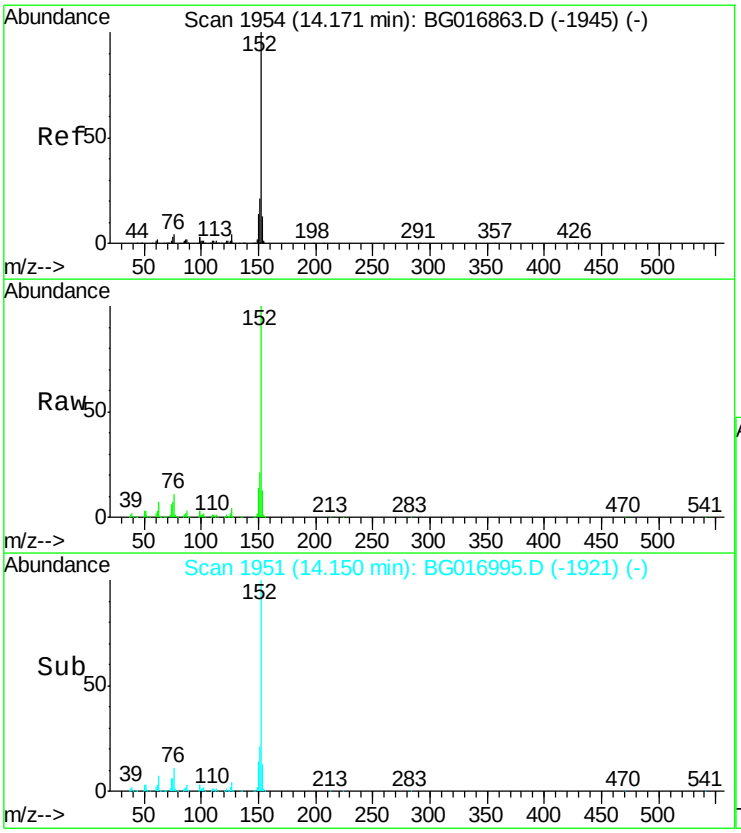
Tgt Ion: 65 Resp: 160354

Ion	Ratio	Lower	Upper
65	100		
92	61.5	51.0	76.6
138	93.2	76.2	114.2



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

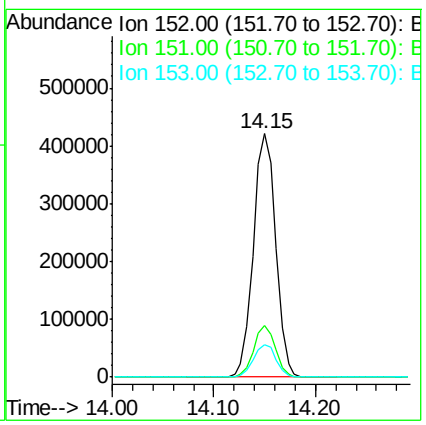
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

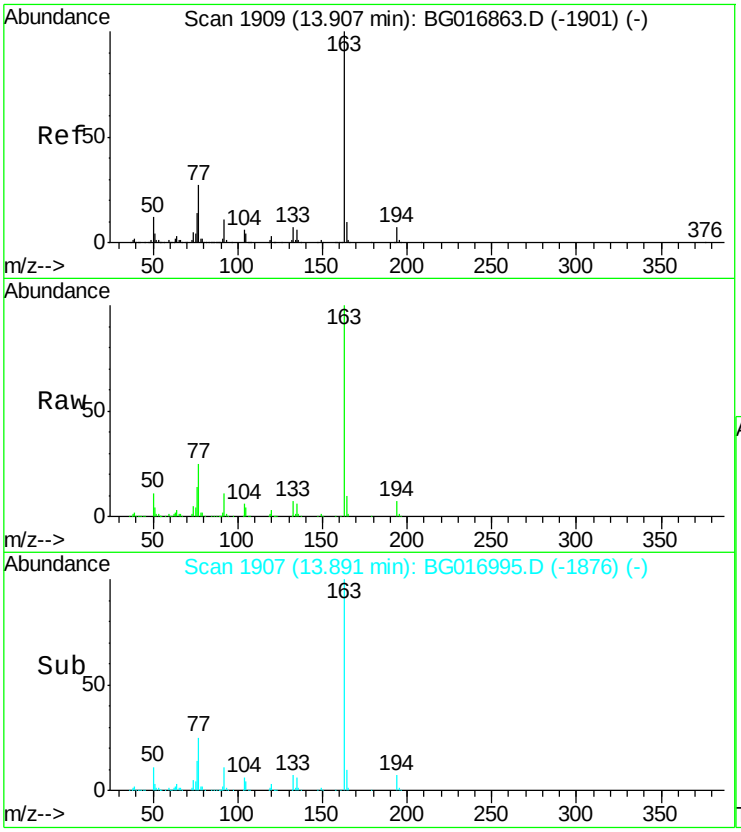


#48
Acenaphthylene
Concen: 43.42 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:152 Resp: 643471

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.4
153	13.2	10.7	16.1

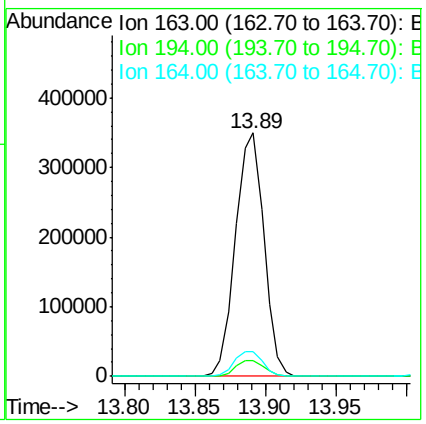




#49
Dimethylphthalate
Concen: 43.97 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

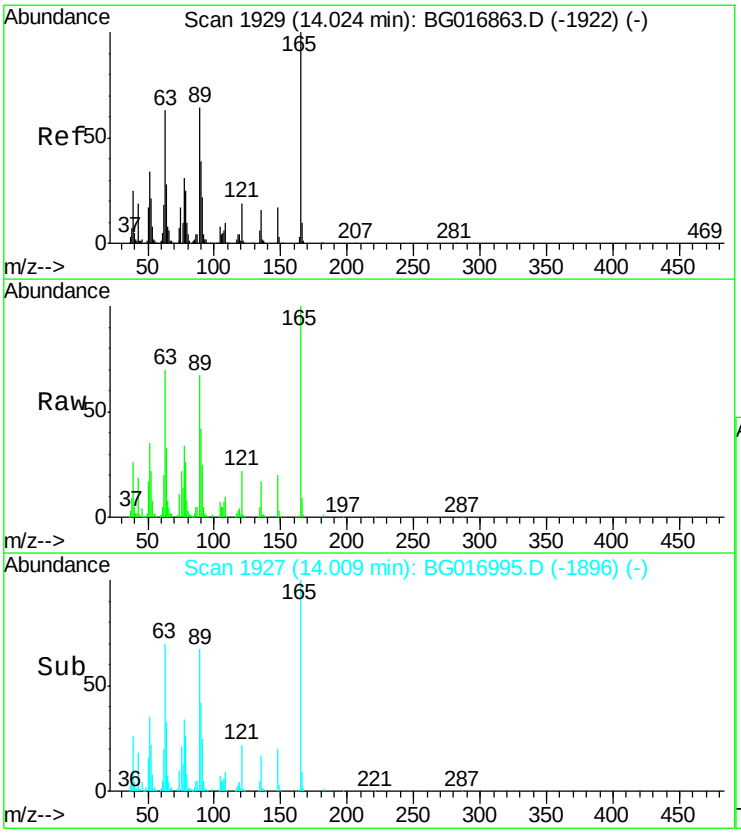
Tgt Ion:163 Resp: 492750

Ion	Ratio	Lower	Upper
163	100		
194	6.5	5.2	7.8
164	10.2	8.4	12.6



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

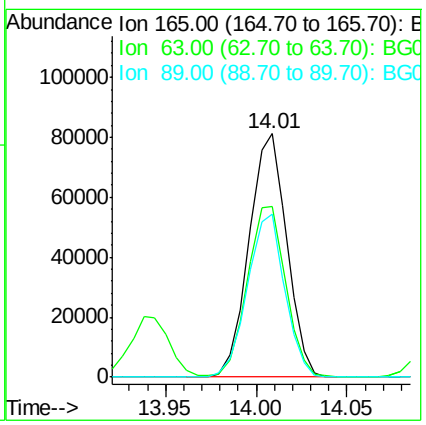
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

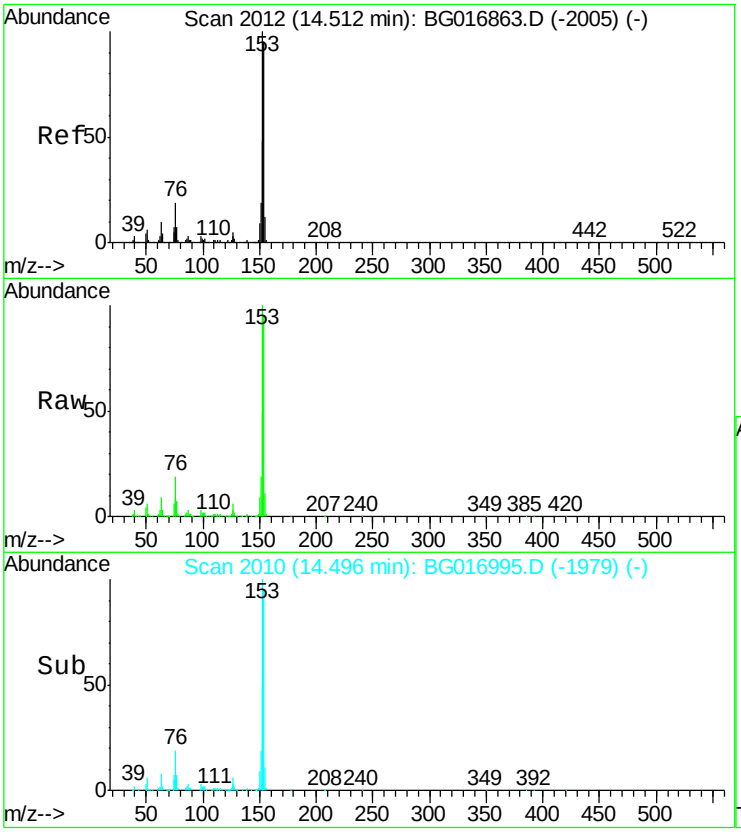


#50
2,6-Dinitrotoluene
Concen: 50.40 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:165 Resp: 117273

Ion	Ratio	Lower	Upper
165	100		
63	69.8	50.9	76.3
89	66.7	51.4	77.2

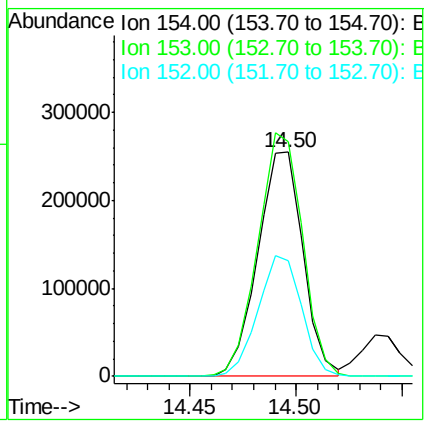




#51
Acenaphthene
Concen: 43.02 ng
RT: 14.50 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

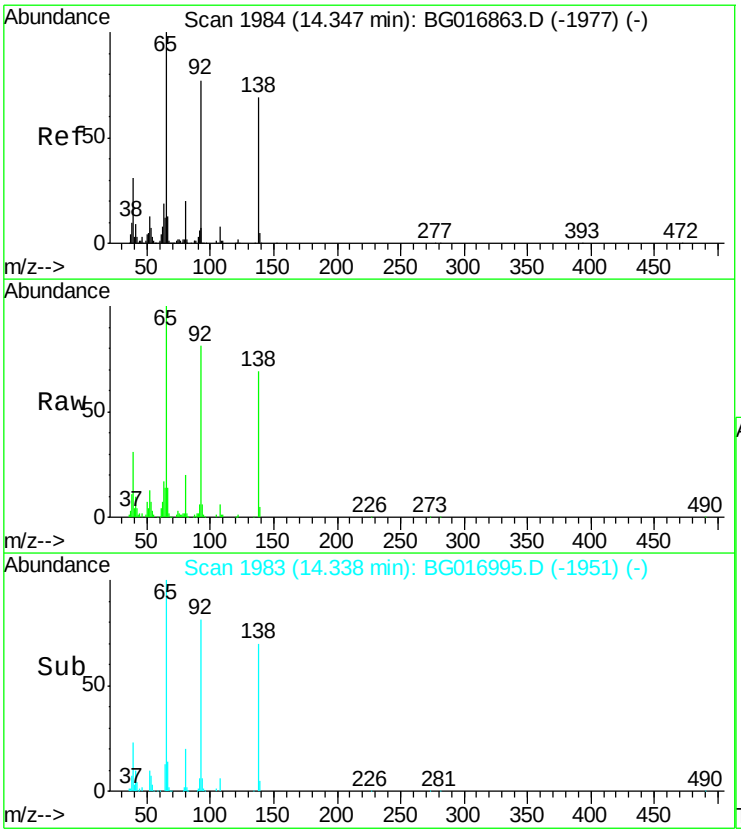
Tgt Ion:154 Resp: 379486

Ion	Ratio	Lower	Upper
154	100		
153	105.0	84.2	126.4
152	51.7	40.2	60.2



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

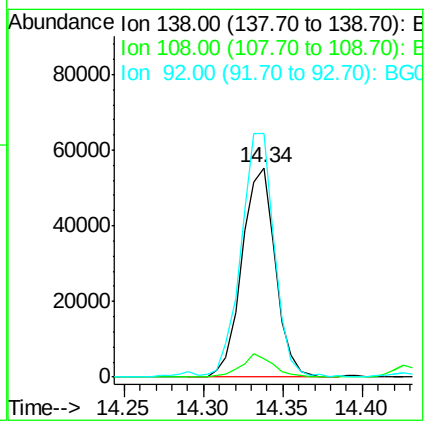
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

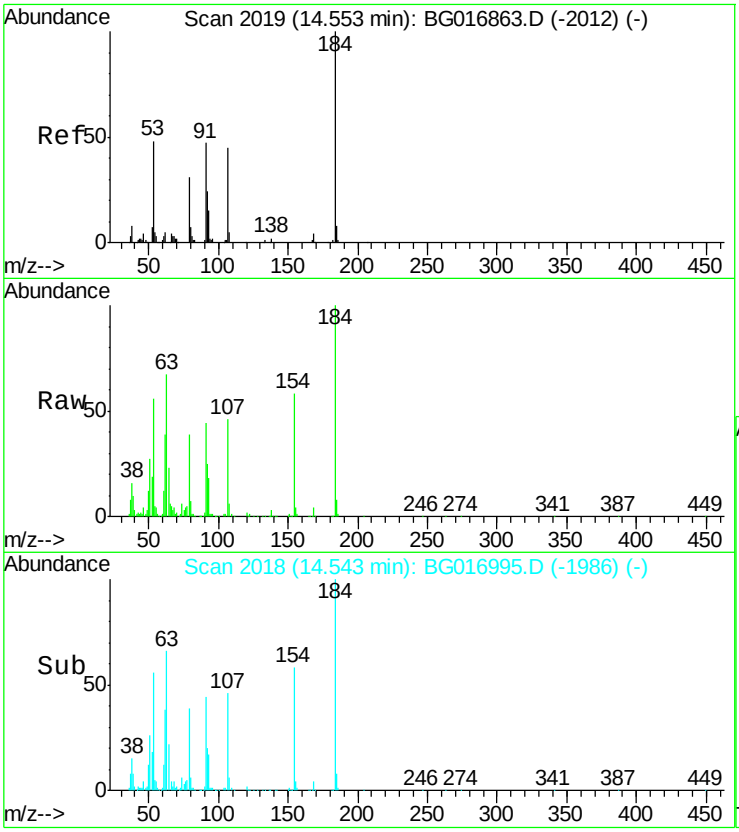


#52
3-Nitroaniline
Concen: 30.47 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:138 Resp: 80652

Ion	Ratio	Lower	Upper
138	100		
108	8.5	9.5	14.3#
92	115.9	89.6	134.4

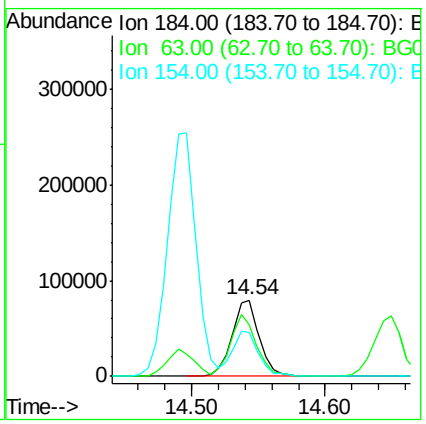




#53
2,4-Dinitrophenol
Concen: 106.49 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

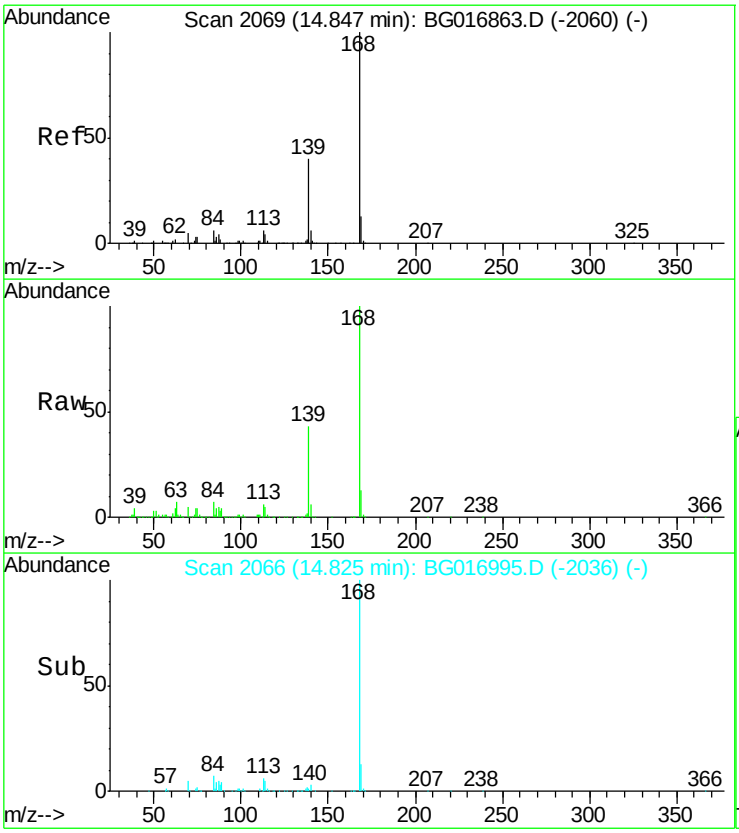
Tgt Ion:184 Resp: 113329

Ion	Ratio	Lower	Upper
184	100		
63	67.5	53.4	80.0
154	57.8	41.0	61.6



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

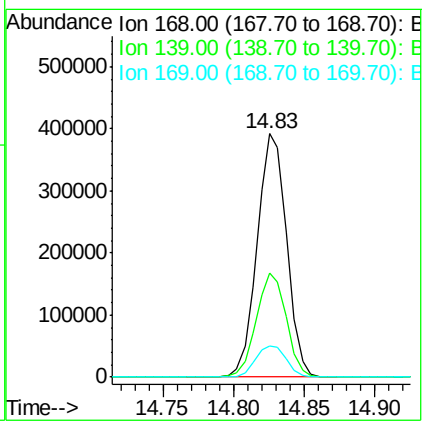
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

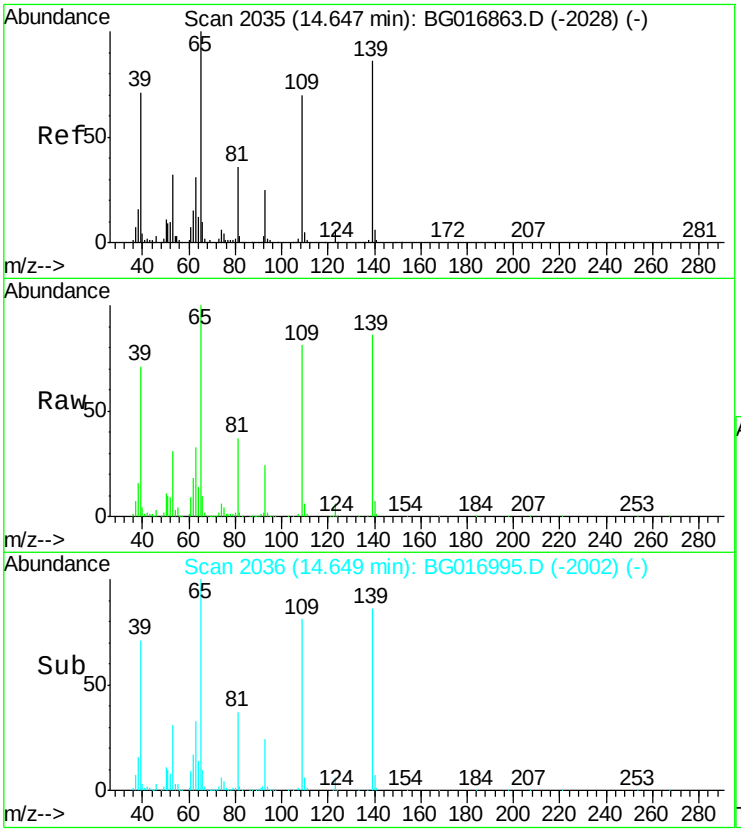


#54
Dibenzofuran
Concen: 46.04 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:168 Resp: 576582

Ion	Ratio	Lower	Upper
168	100		
139	42.8	32.5	48.7
169	12.7	10.4	15.6

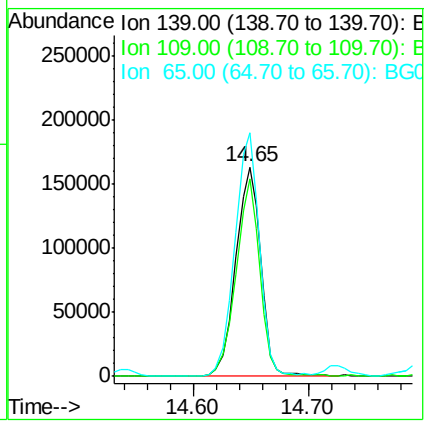




#55
4-Nitrophenol
Concen: 108.96 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

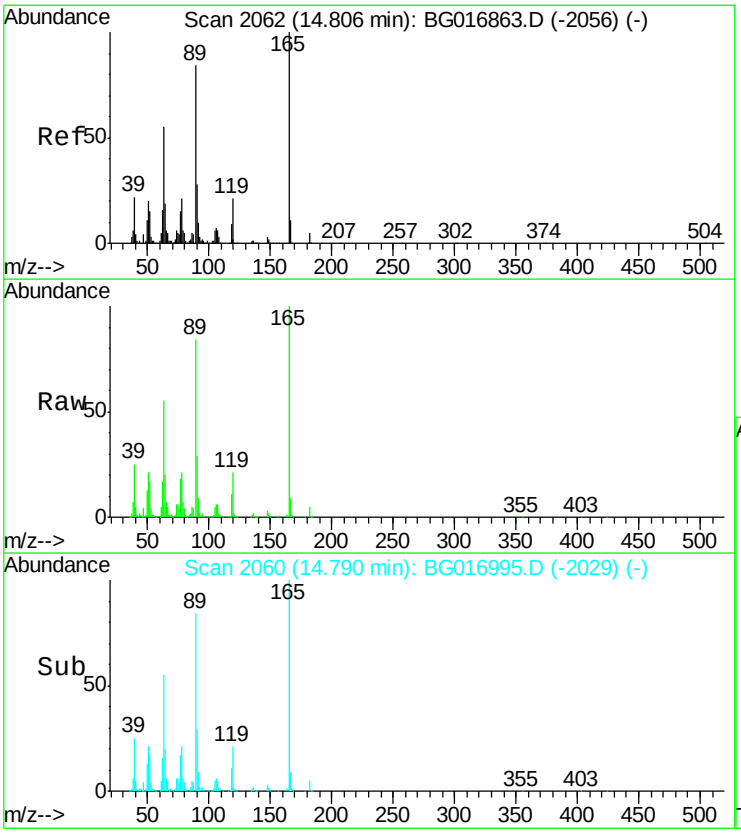
Tgt Ion:139 Resp: 244547

Ion	Ratio	Lower	Upper
139	100		
109	94.7	61.8	101.8
65	116.4	96.8	136.8



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

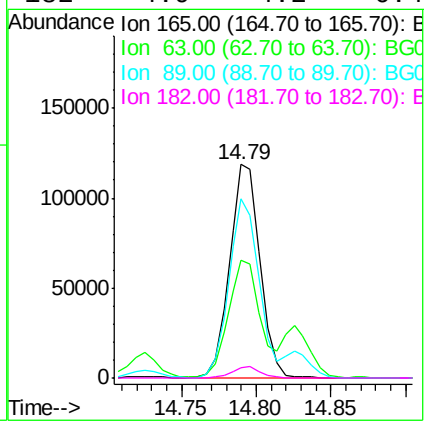
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

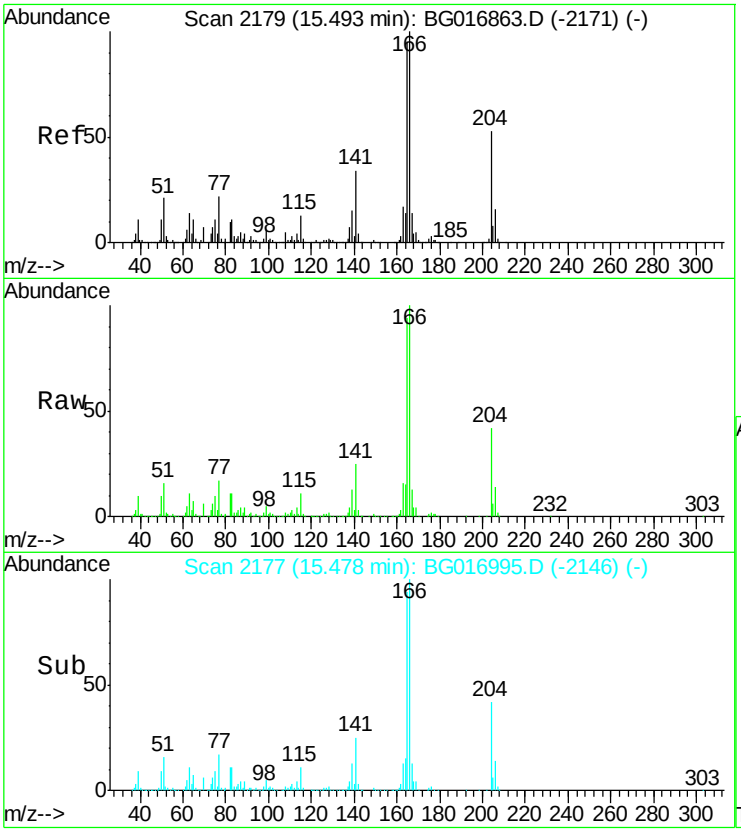


#56
2,4-Dinitrotoluene
Concen: 56.59 ng
RT: 14.79 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:165 Resp: 168438

Ion	Ratio	Lower	Upper
165	100		
63	55.3	44.2	66.4
89	83.8	67.2	100.8
182	4.9	4.2	6.4

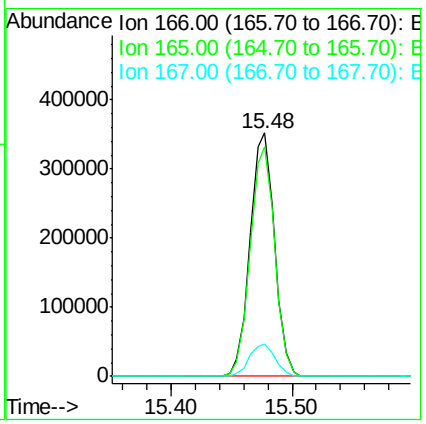




#57
Fluorene
Concen: 44.78 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

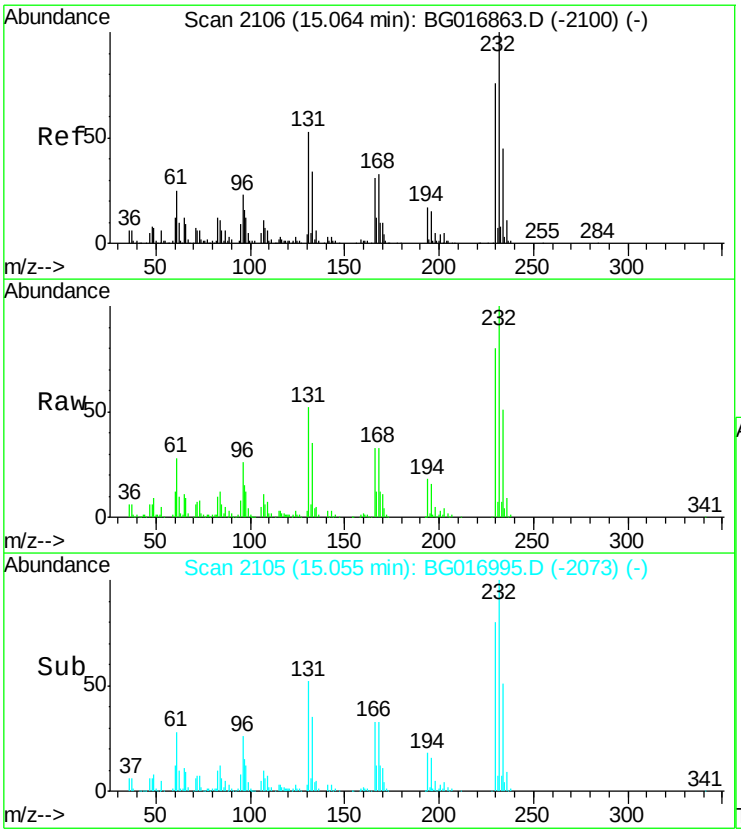
Tgt Ion:166 Resp: 496544

Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.1	114.1
167	13.1	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

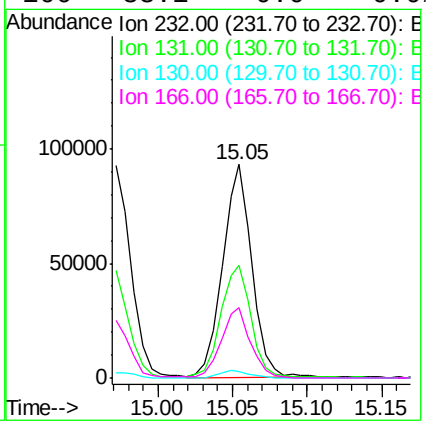
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

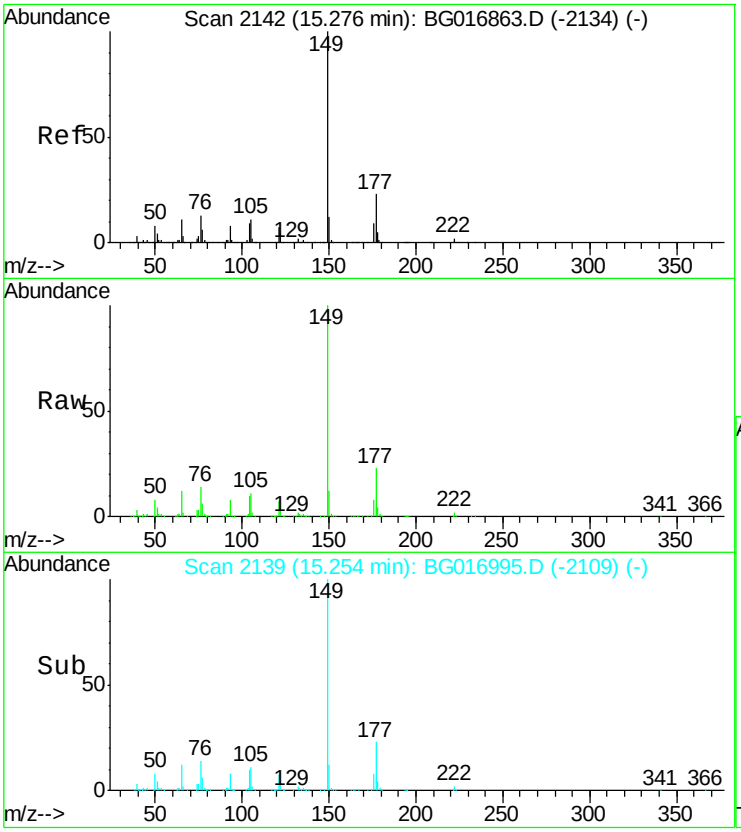


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.22 ng
RT: 15.05 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:232 Resp: 126973

Ion	Ratio	Lower	Upper
232	100		
131	55.1	0.1	0.1#
130	3.5	0.0	0.0#
166	33.1	0.0	0.0#

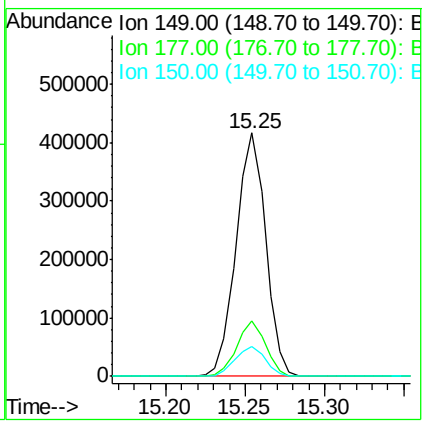




#59
Diethylphthalate
Concen: 45.55 ng
RT: 15.25 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

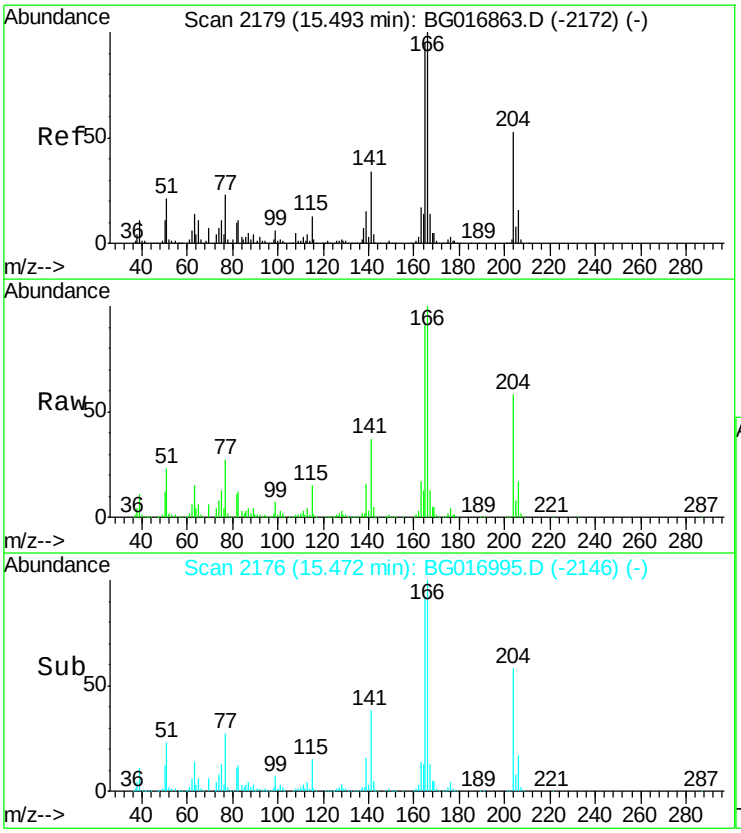
Tgt Ion:149 Resp: 538808

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.6	27.8
150	12.0	9.8	14.8



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

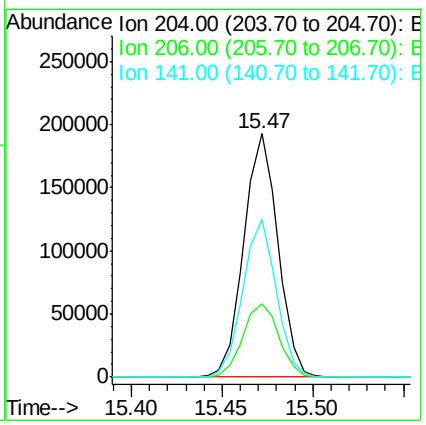
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

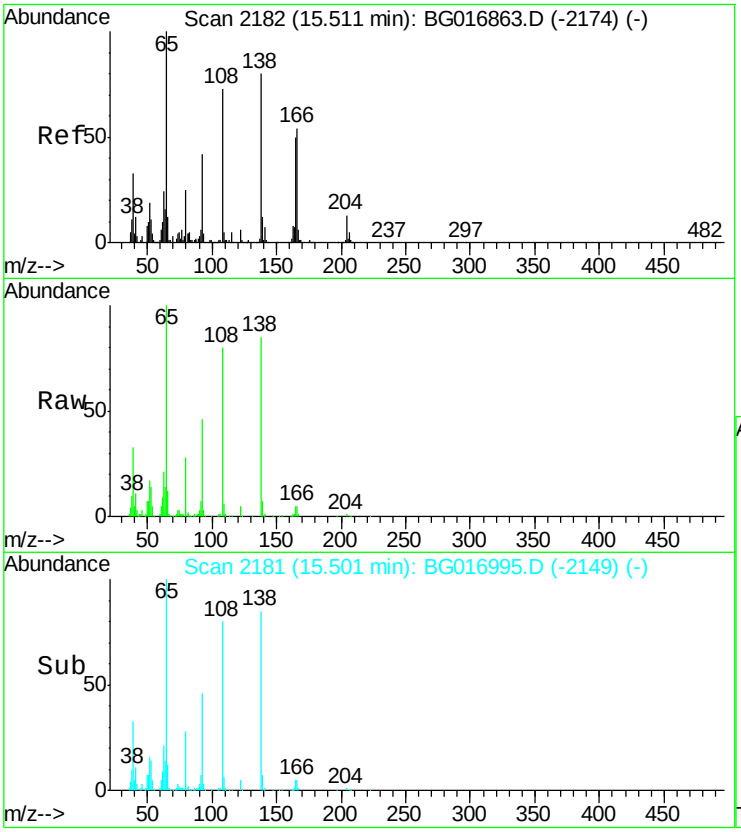


#60
4-Chlorophenyl-phenylether
Concen: 45.20 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:204 Resp: 251843

Ion	Ratio	Lower	Upper
204	100		
206	30.0	24.8	37.2
141	64.7	52.4	78.6

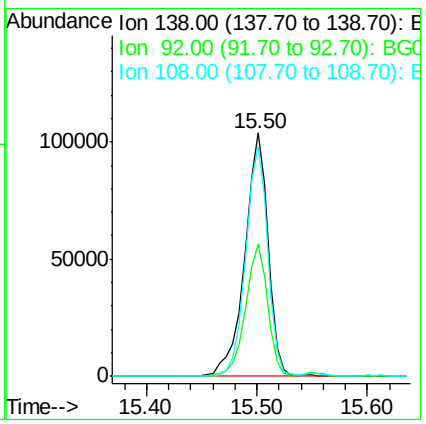




#61
4-Nitroaniline
Concen: 50.27 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

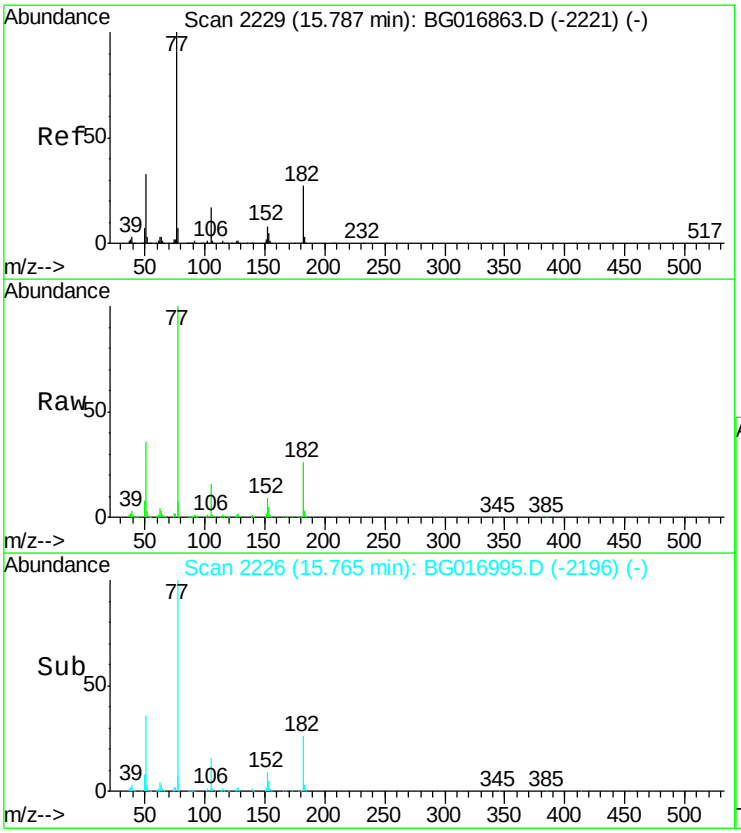
Tgt Ion:138 Resp: 154262

Ion	Ratio	Lower	Upper
138	100		
92	54.2	31.8	71.8
108	94.5	70.6	110.6



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

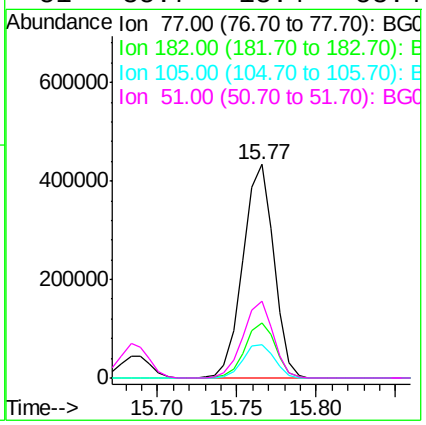
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

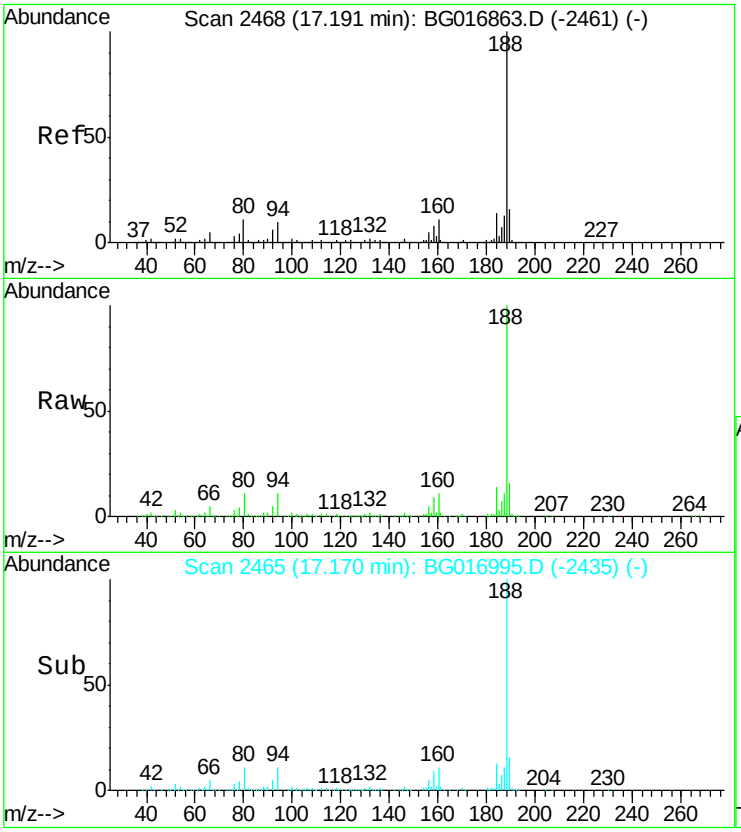


#62
Azobenzene
Concen: 47.98 ng
RT: 15.77 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 77 Resp: 587878

Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.4	47.4
105	15.7	0.0	36.6
51	35.7	13.4	53.4





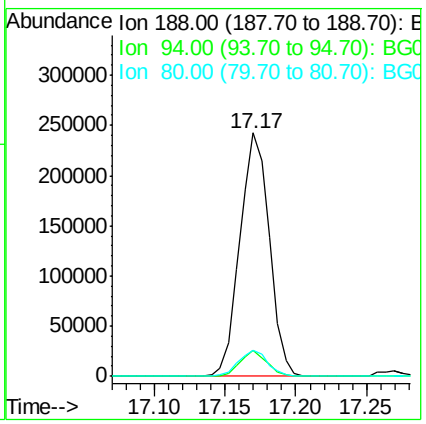
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

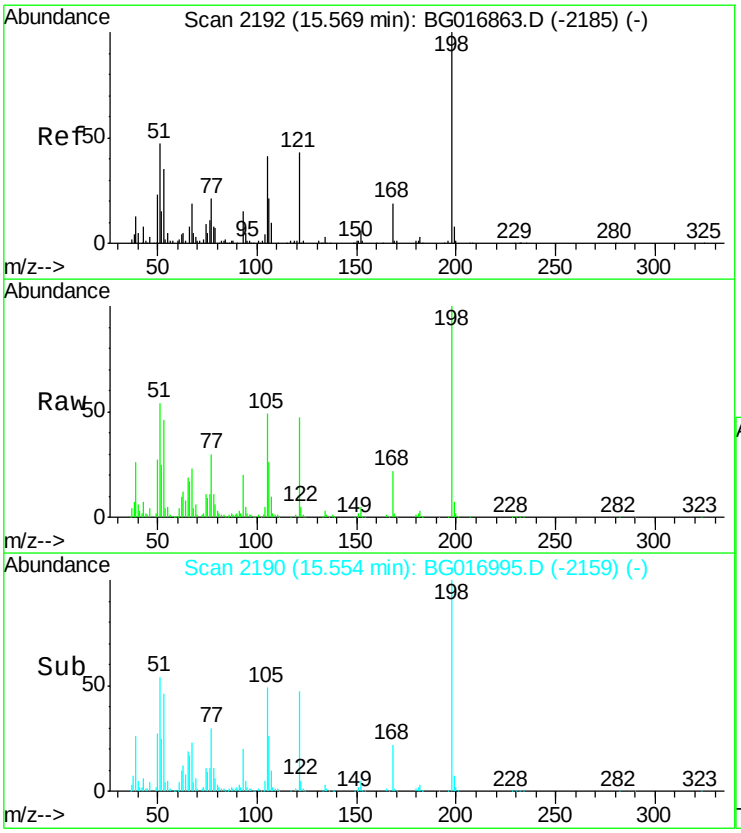
Tgt Ion:188 Resp: 354697

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	10.7	8.8	13.2

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

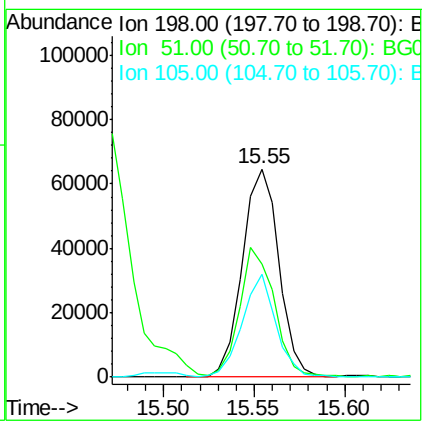


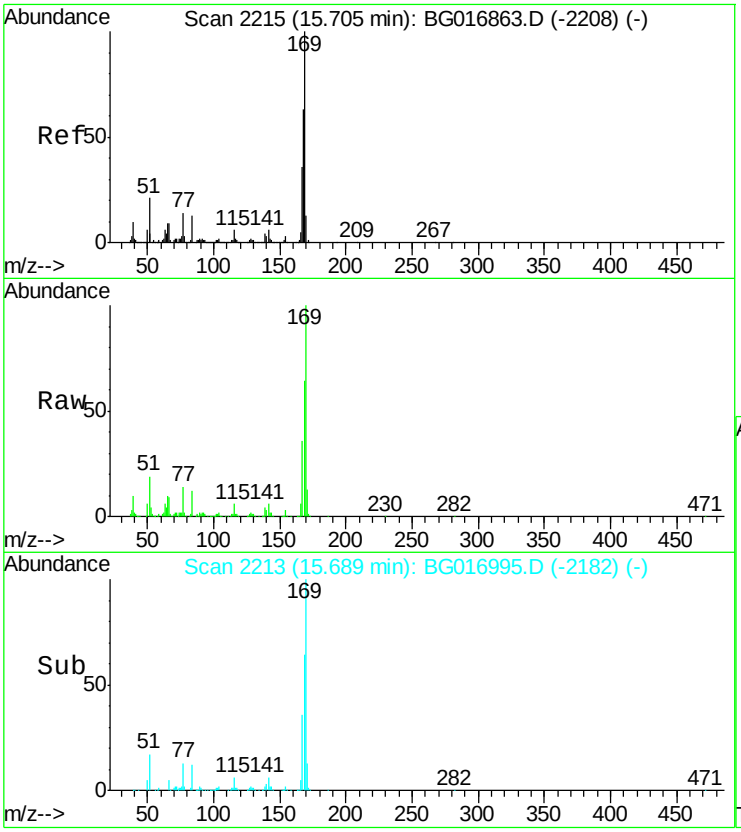


#64
4,6-Dinitro-2-methylphenol
Concen: 51.61 ng
RT: 15.55 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:198 Resp: 90767

Ion	Ratio	Lower	Upper
198	100		
51	54.2	31.2	71.2
105	49.3	22.0	62.0

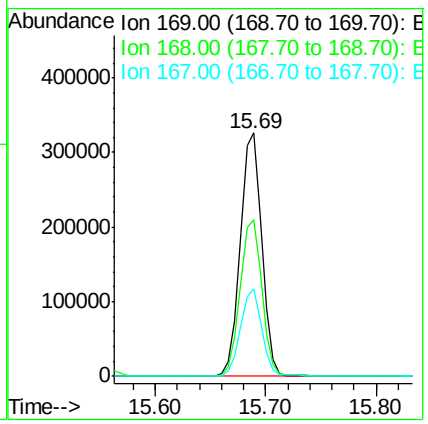




#65
n-Nitrosodiphenylamine
Concen: 41.23 ng
RT: 15.69 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

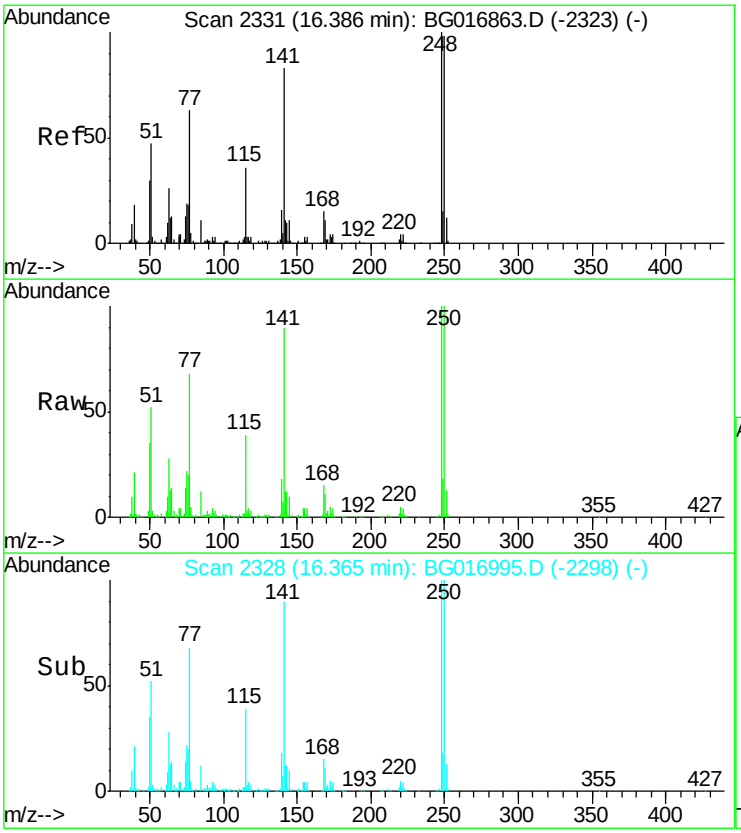
Tgt Ion:169 Resp: 446369

Ion	Ratio	Lower	Upper
169	100		
168	64.4	50.6	76.0
167	35.8	29.0	43.4



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

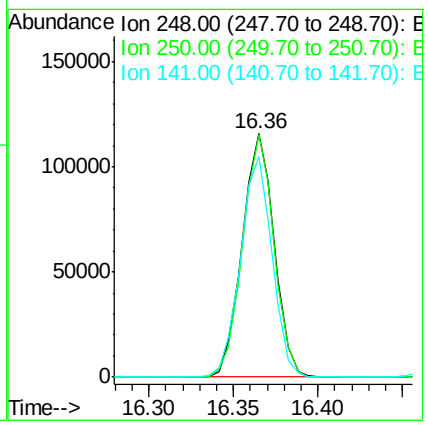
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

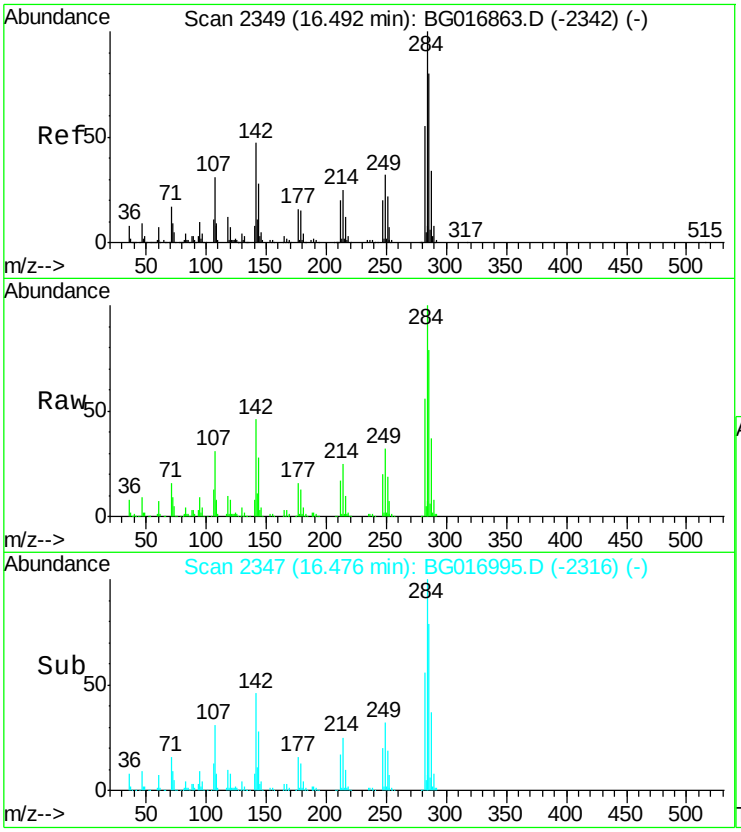


#66
4-Bromophenyl-phenylether
Concen: 42.87 ng
RT: 16.36 min Scan# 2328
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:248 Resp: 152611

Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	90.4	66.3	99.5

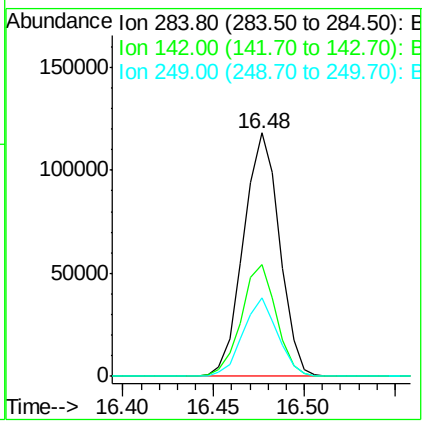




#67
Hexachlorobenzene
Concen: 43.50 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

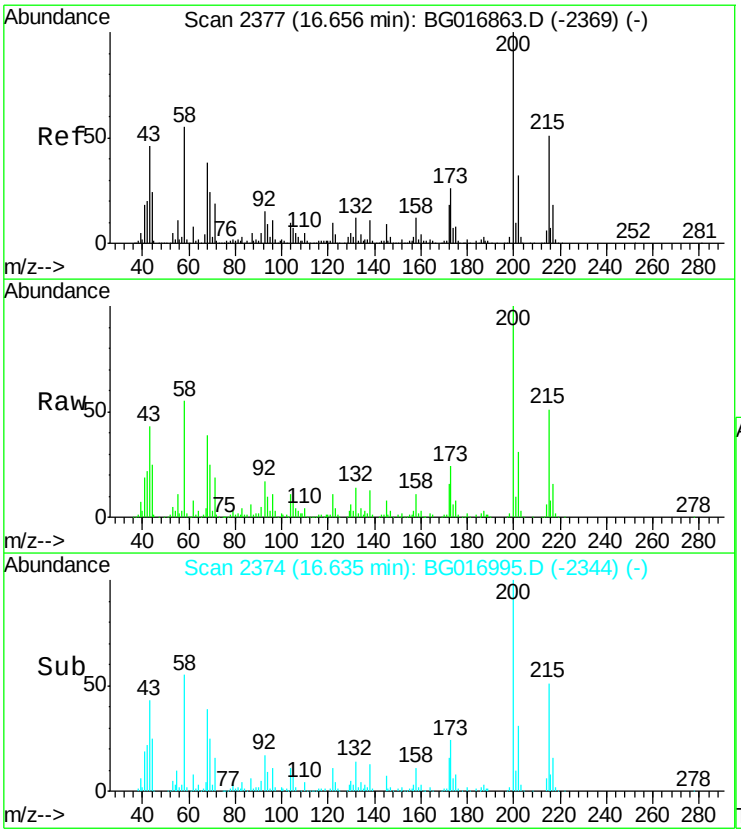
Tgt Ion:284 Resp: 163309

Ion	Ratio	Lower	Upper
284	100		
142	46.2	37.4	56.0
249	32.3	25.5	38.3



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

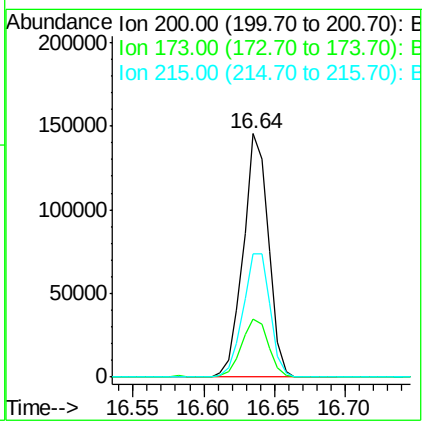
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

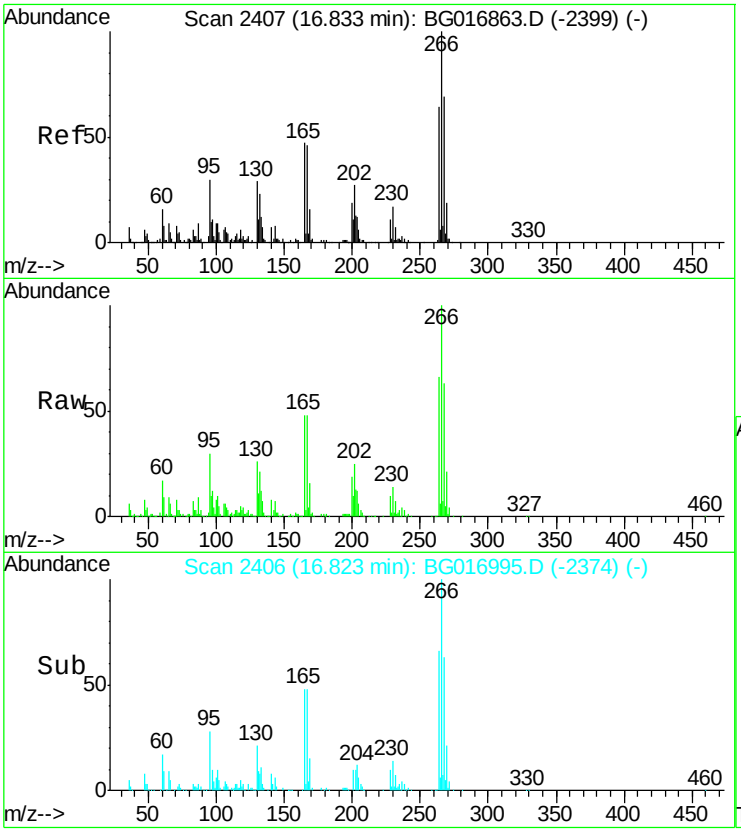


#68
Atrazine
Concen: 46.59 ng
RT: 16.64 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:200 Resp: 181539

Ion	Ratio	Lower	Upper
200	100		
173	24.0	6.1	46.1
215	50.9	30.8	70.8

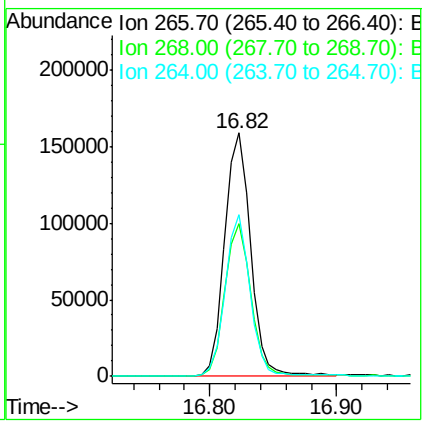




#69
Pentachlorophenol
Concen: 92.75 ng
RT: 16.82 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

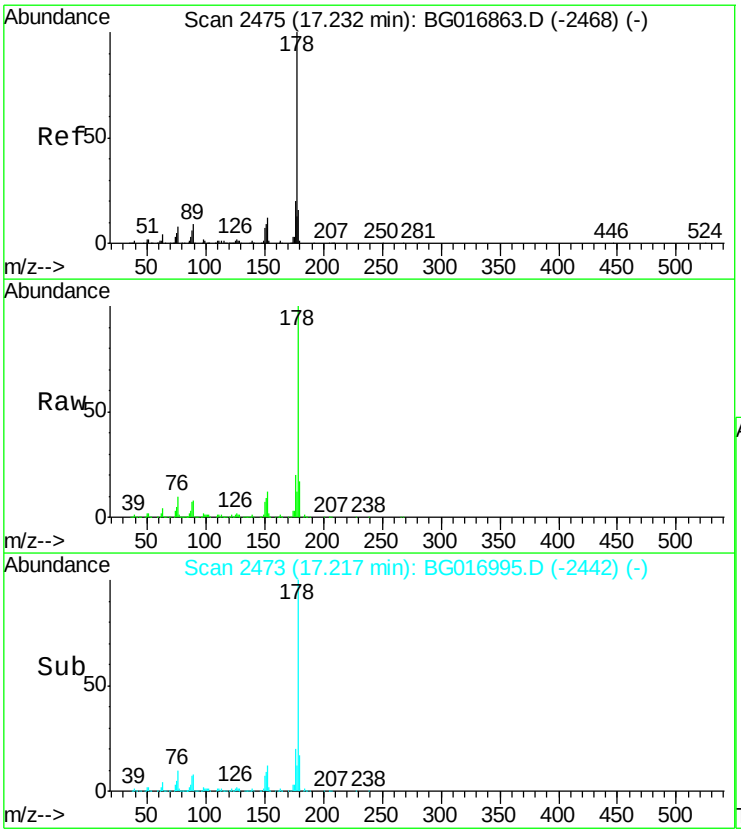
Tgt Ion:266 Resp: 226065

Ion	Ratio	Lower	Upper
266	100		
268	62.6	55.2	82.8
264	66.5	51.4	77.0



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

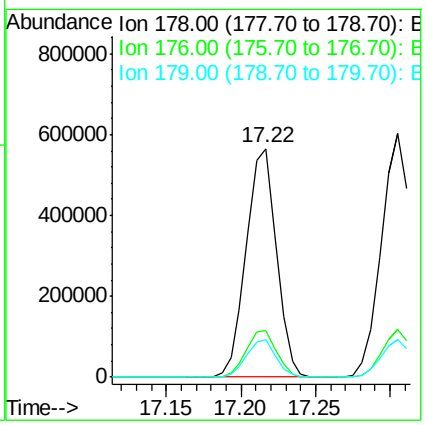
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

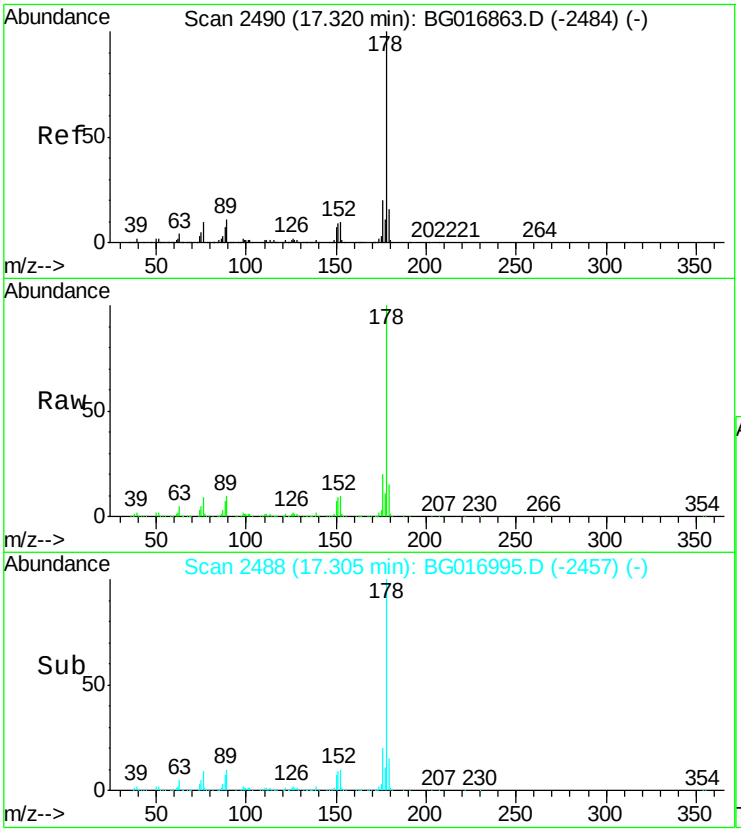


#70
Phenanthrene
Concen: 43.38 ng
RT: 17.22 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:178 Resp: 791780

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.6	13.0	19.6

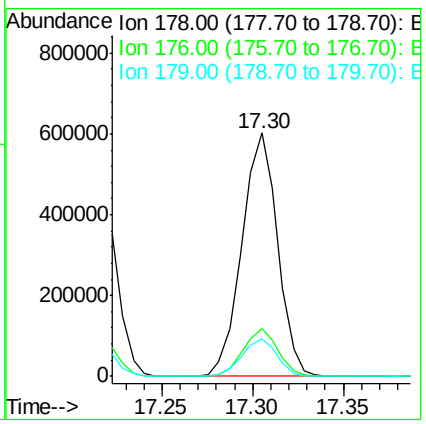




#71
Anthracene
Concen: 44.48 ng
RT: 17.30 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

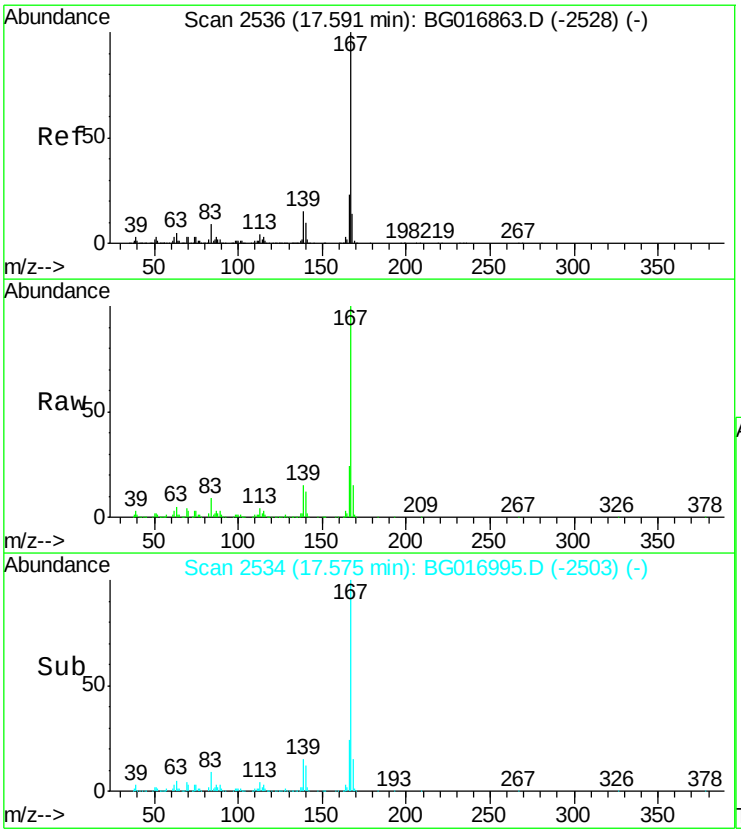
Tgt Ion:178 Resp: 819071

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.4	13.1	19.7



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

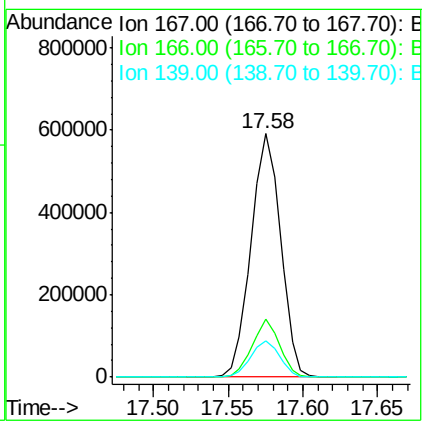
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

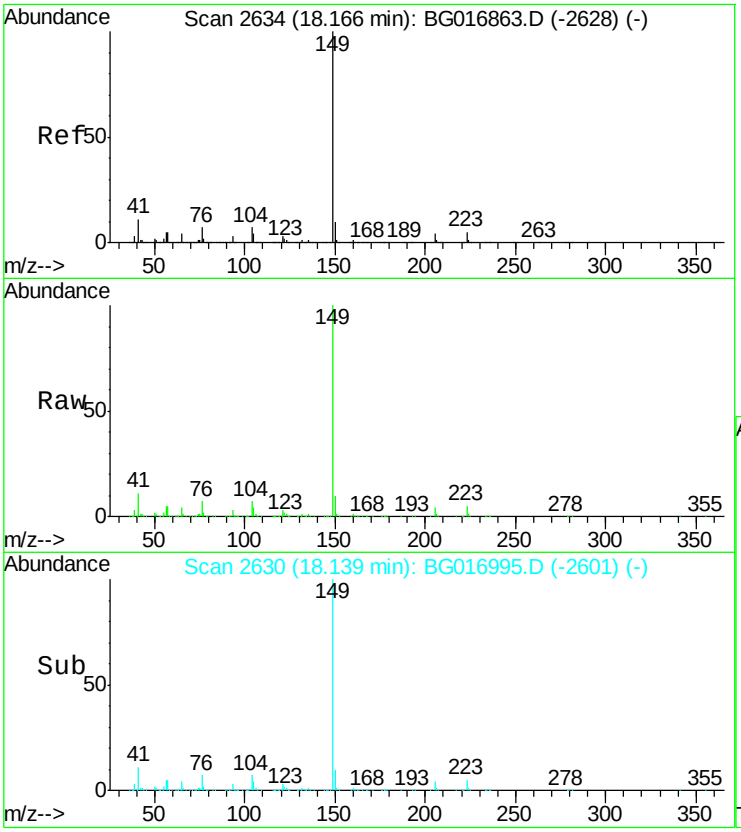


#72
Carbazole
Concen: 46.17 ng
RT: 17.58 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:167 Resp: 808325

Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.4	27.6
139	14.8	12.2	18.4

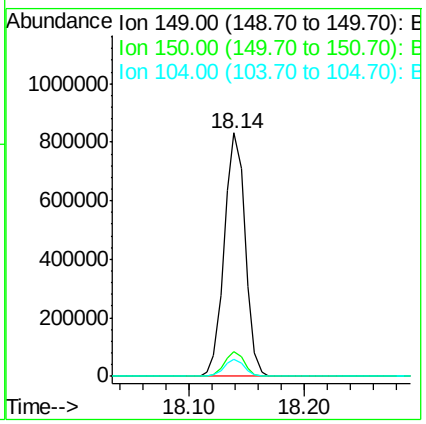




#73
Di-n-butylphthalate
Concen: 45.85 ng
RT: 18.14 min Scan# 2630
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

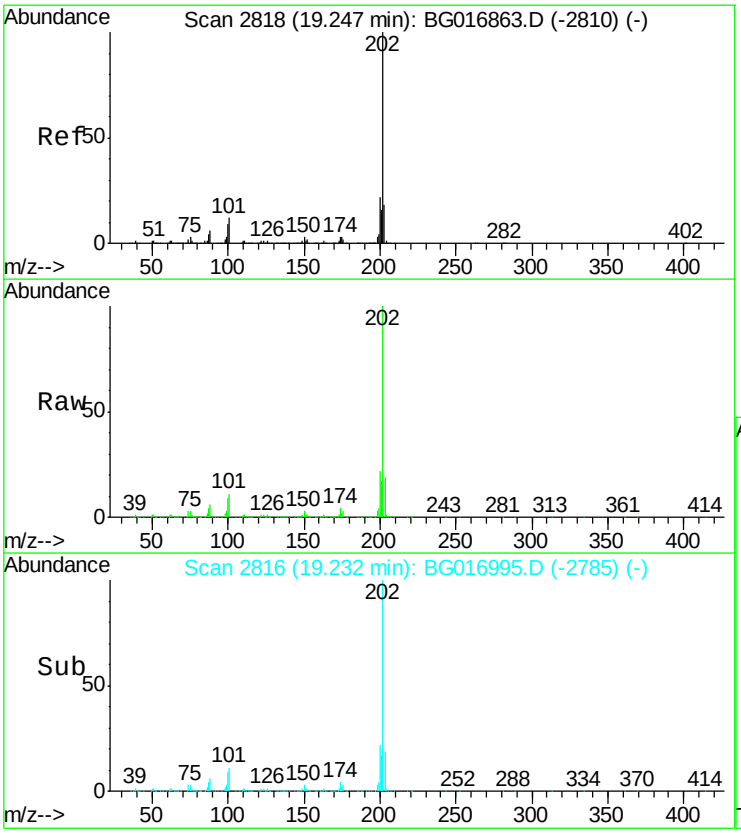
Tgt Ion:149 Resp: 1040597

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	7.0	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

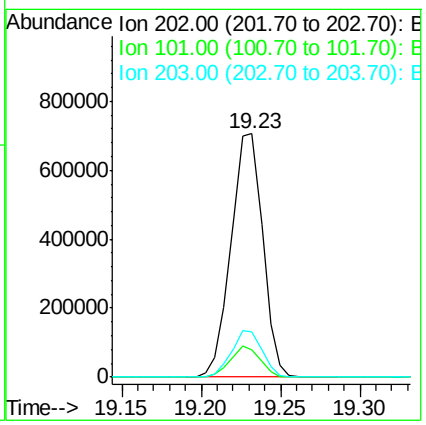
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

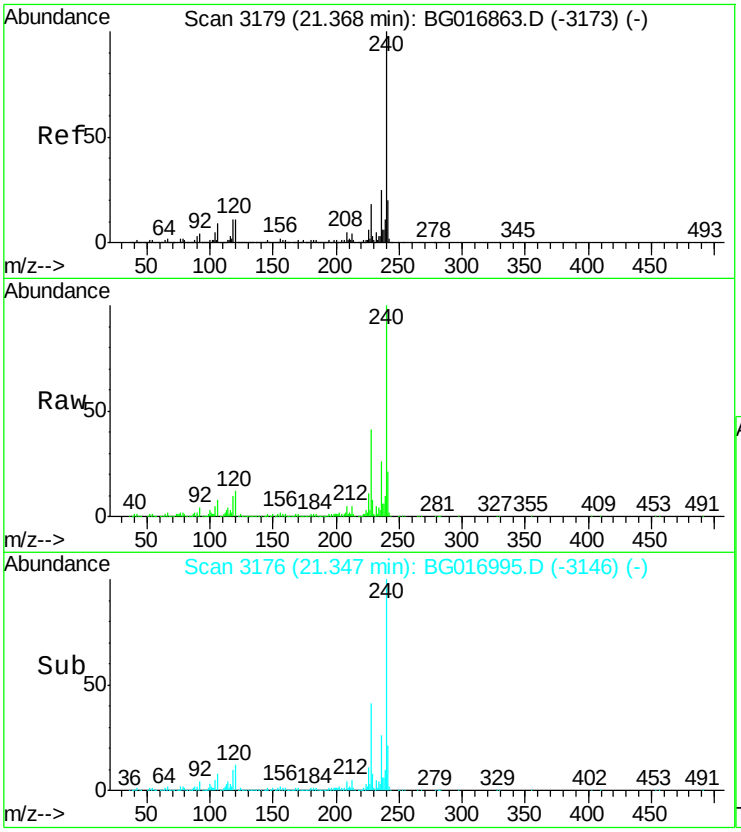


#74
Fluoranthene
Concen: 46.34 ng
RT: 19.23 min Scan# 2816
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:202 Resp: 981385

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
203	18.8	0.0	38.1





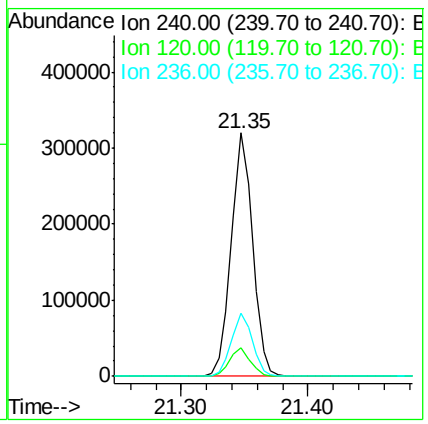
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

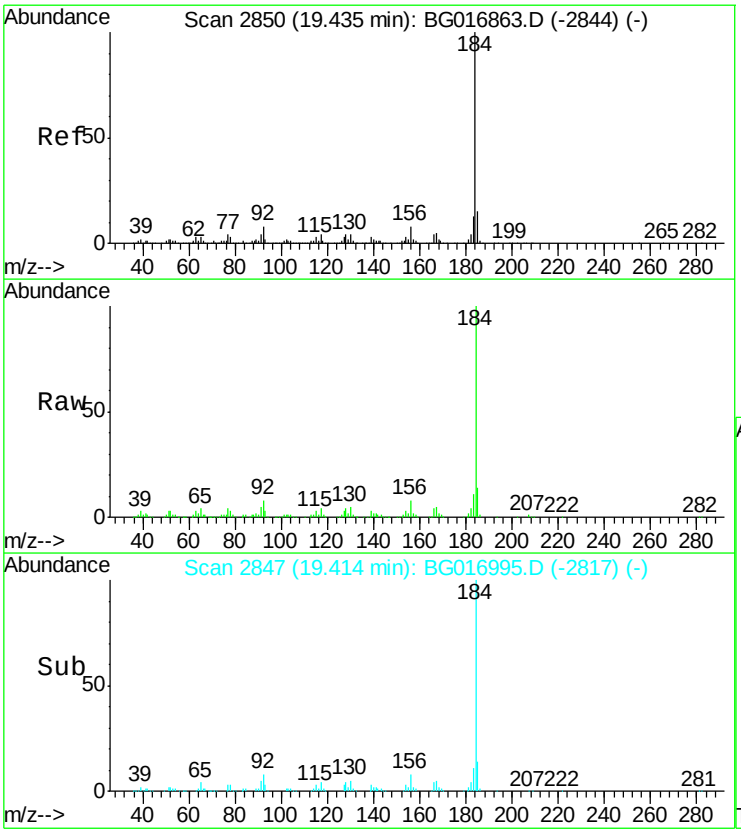
Tgt Ion:240 Resp: 370725

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	26.2	20.2	30.4

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

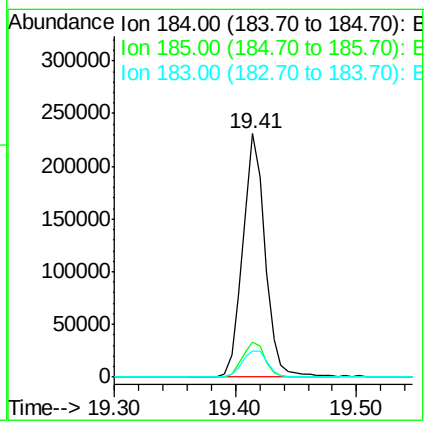


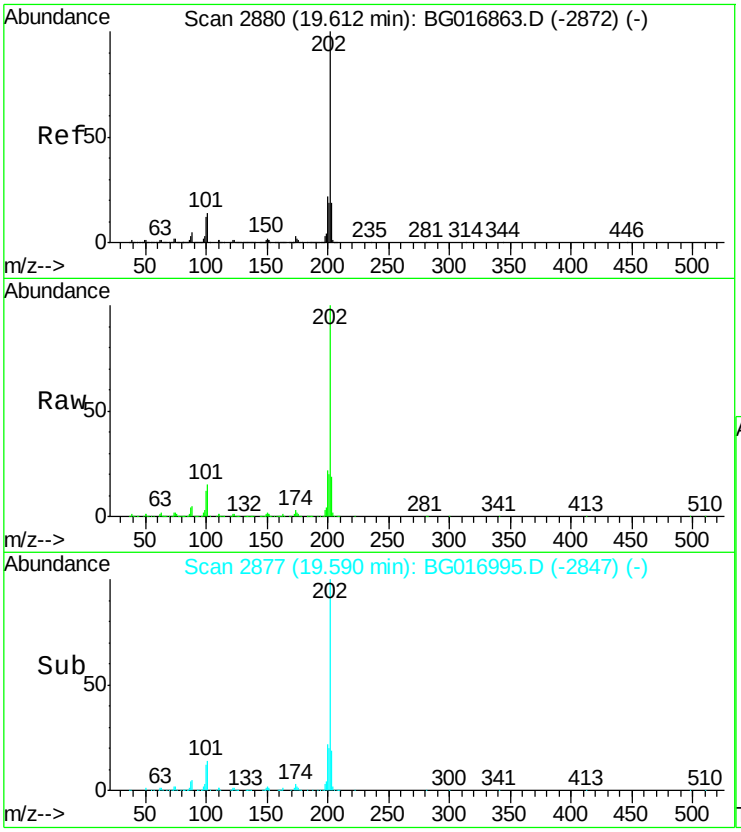


#76
Benzidine
Concen: 23.82 ng
RT: 19.41 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:184 Resp: 299996

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	10.9	10.6	15.8

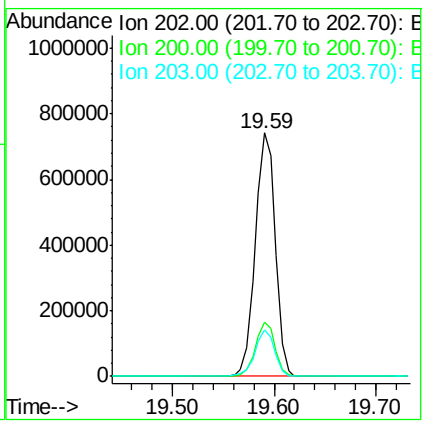




#77
Pyrene
Concen: 46.34 ng
RT: 19.59 min Scan# 2877
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

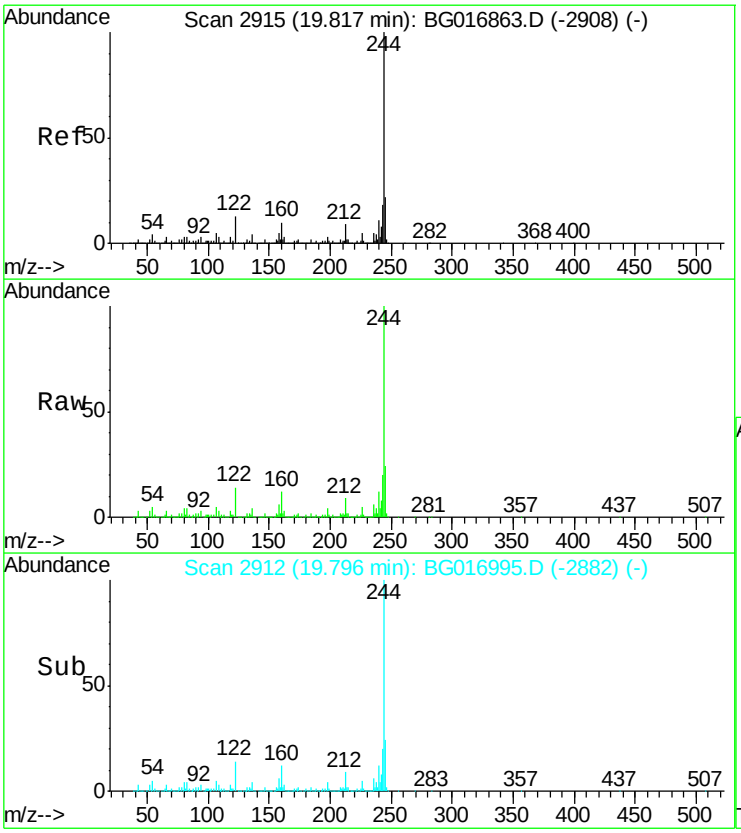
Tgt Ion:202 Resp: 1014011

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	19.1	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

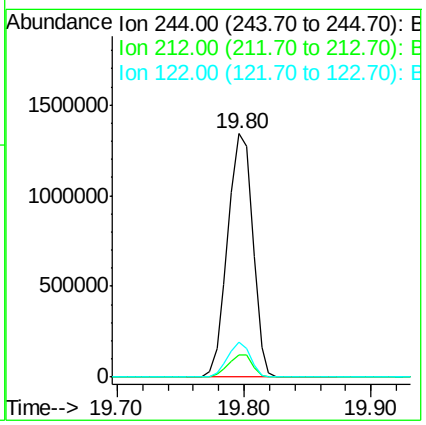
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

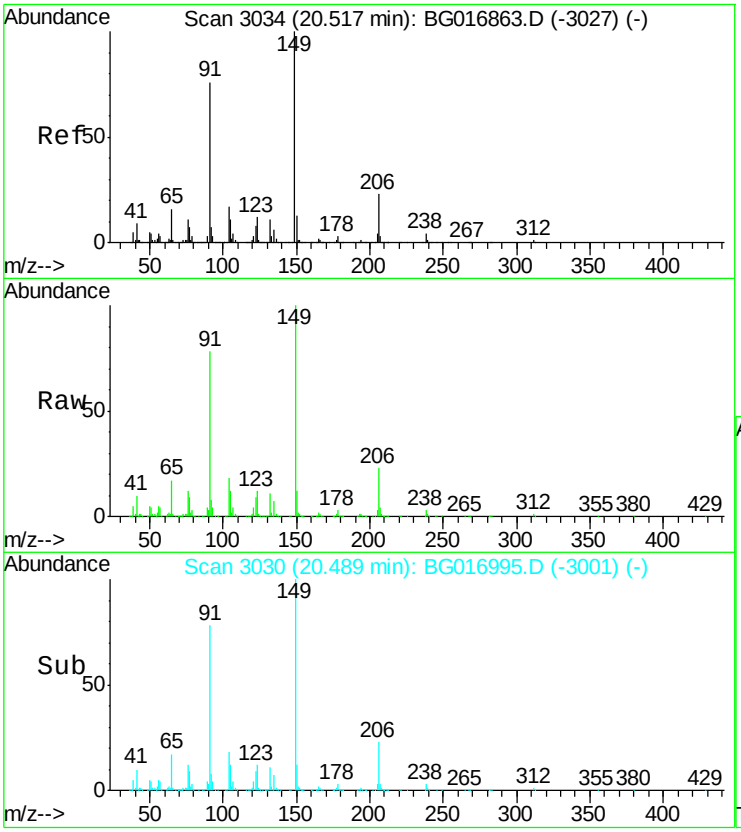


#78
Terphenyl-d14
Concen: 115.89 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:244 Resp: 1832766

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	14.5	10.4	15.6

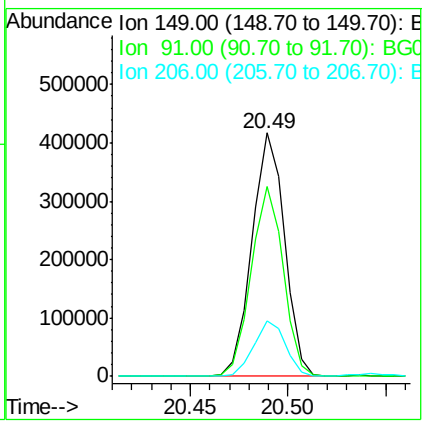




#79
Butylbenzylphthalate
Concen: 46.34 ng
RT: 20.49 min Scan# 3030
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

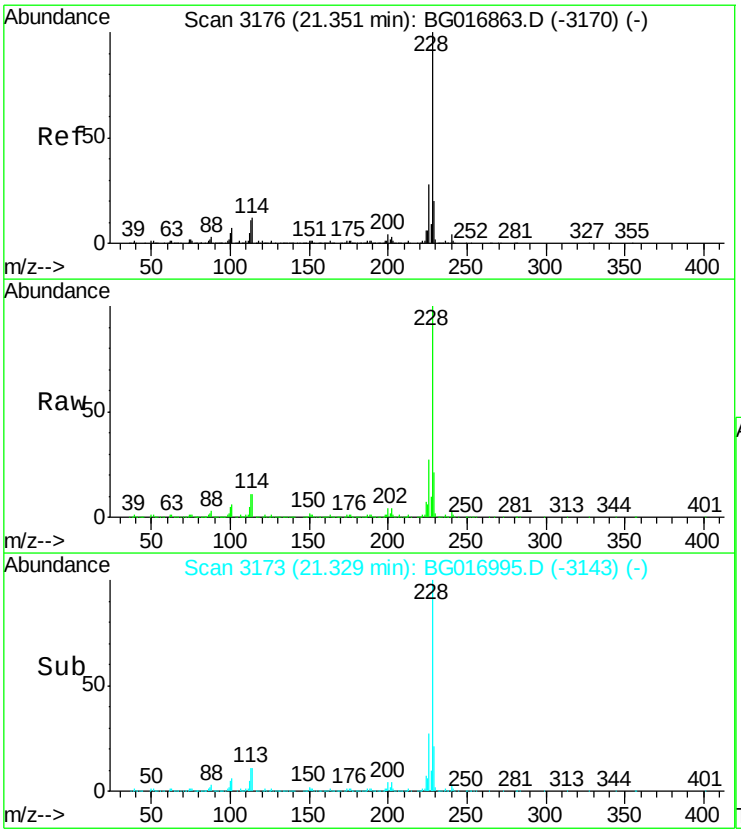
Tgt Ion:149 Resp: 481923

Ion	Ratio	Lower	Upper
149	100		
91	78.2	60.6	91.0
206	22.8	18.4	27.6



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

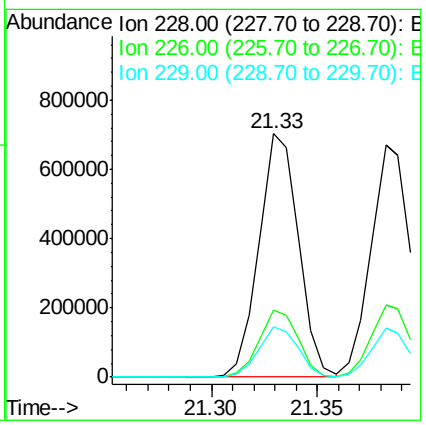
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

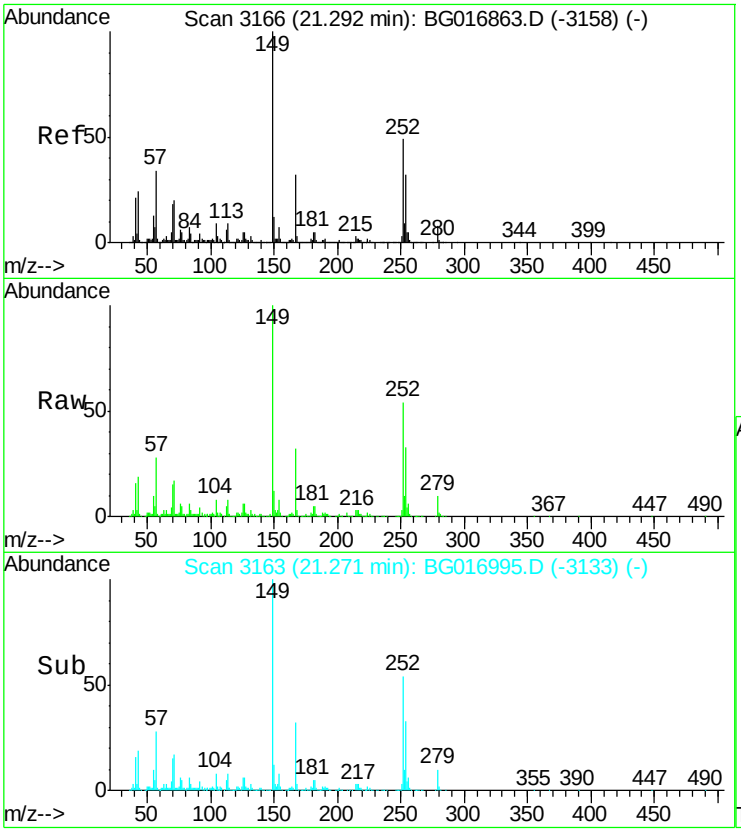


#80
Benzo(a)anthracene
Concen: 46.03 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:228 Resp: 915366

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.6	16.1	24.1

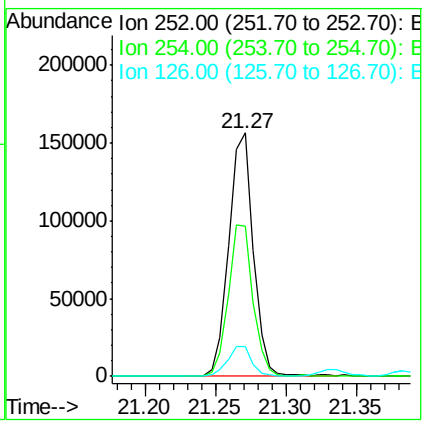




#81
3,3'-Dichlorobenzidine
Concen: 24.46 ng
RT: 21.27 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

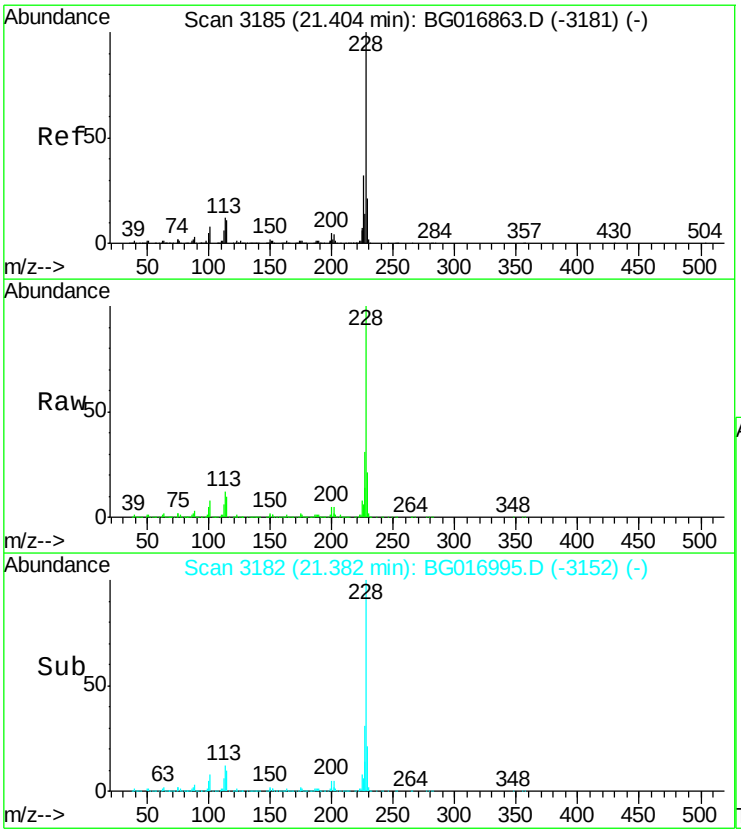
Tgt Ion:252 Resp: 189977

Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.7	77.5
126	12.0	8.9	13.3



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

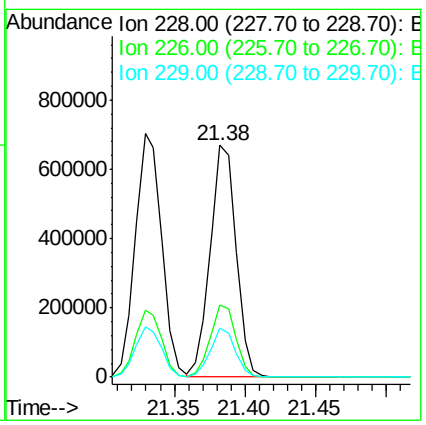
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

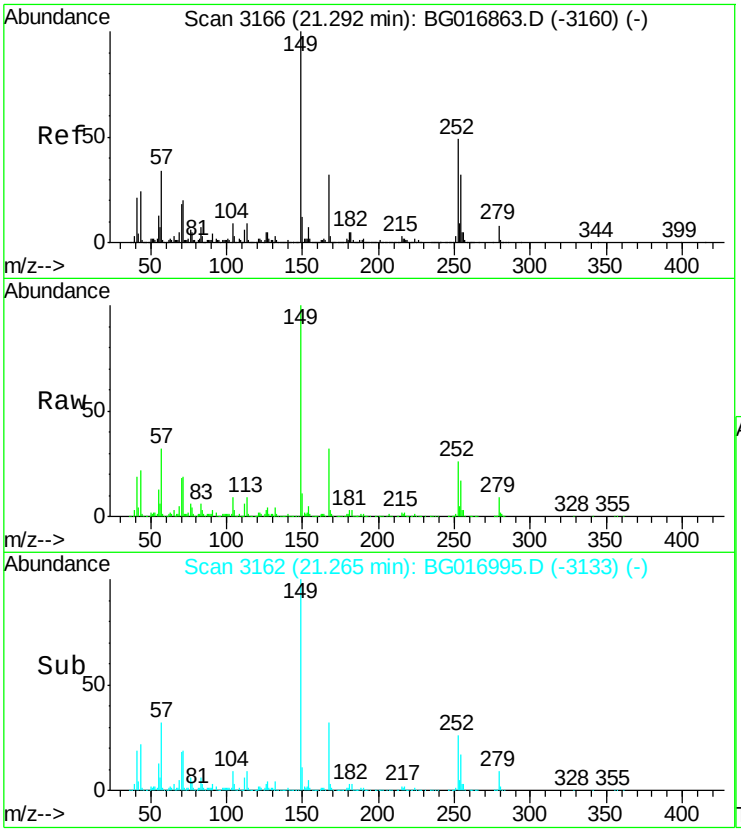


#82
Chrysene
Concen: 46.12 ng
RT: 21.38 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:228 Resp: 859190

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	21.4	16.5	24.7





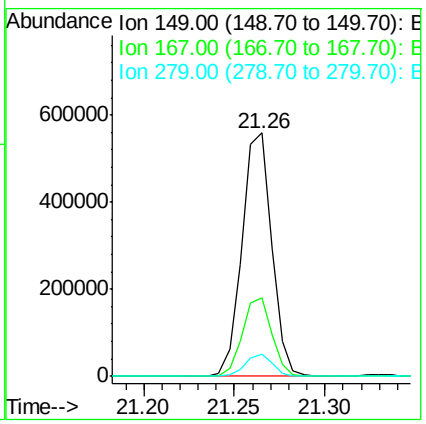
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.79 ng
RT: 21.26 min Scan# 3162
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

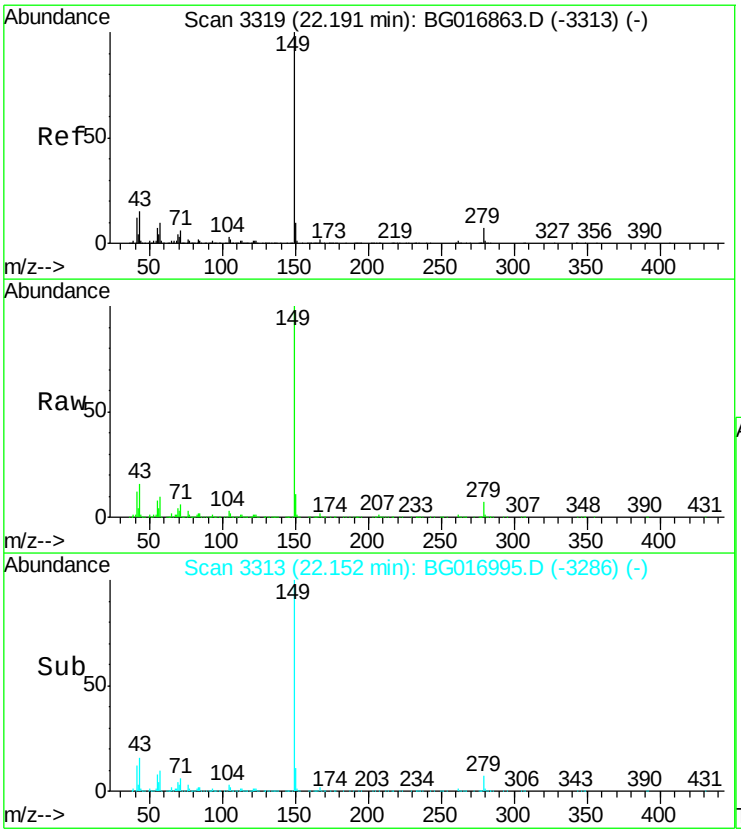
Tgt Ion:149 Resp: 637180

Ion	Ratio	Lower	Upper
149	100		
167	32.1	25.4	38.0
279	9.2	6.4	9.6

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

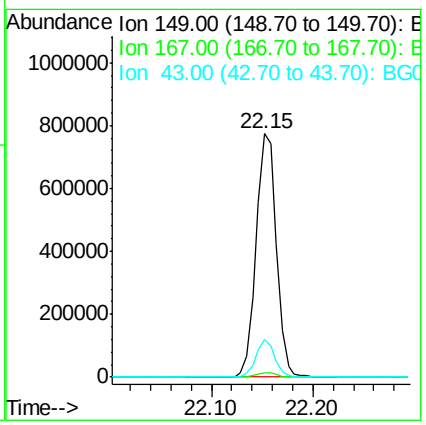


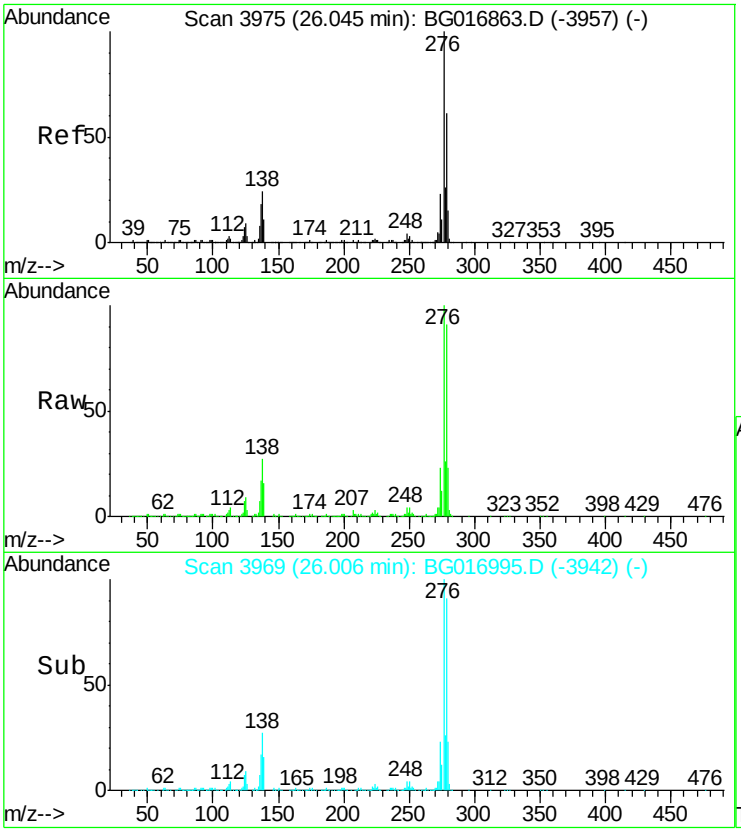


#84
Di-n-octyl phthalate
Concen: 44.83 ng
RT: 22.15 min Scan# 3313
Delta R.T. -0.04 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:149 Resp: 1071310

Ion	Ratio	Lower	Upper
149	100		
167	1.8	0.0	0.0#
43	14.2	0.0	0.0#

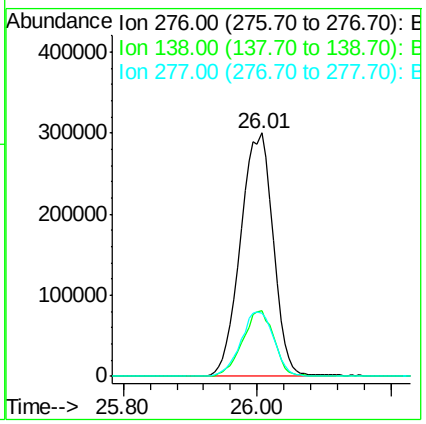




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.65 ng
RT: 26.01 min Scan# 3969
Delta R.T. -0.04 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

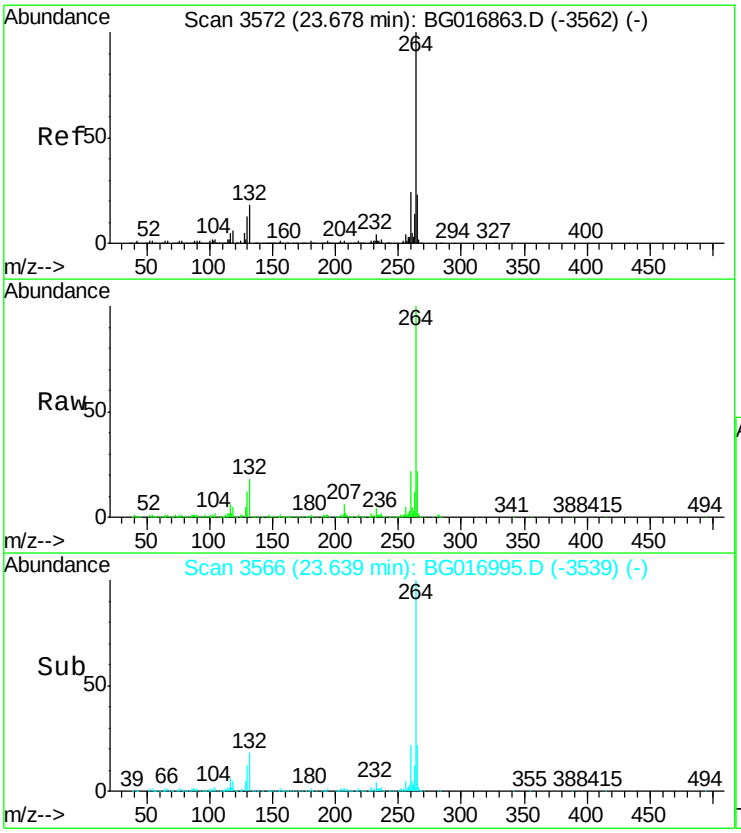
Tgt Ion:276 Resp: 1013340

Ion	Ratio	Lower	Upper
276	100		
138	25.9	0.0	0.0#
277	26.8	0.0	0.0#



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

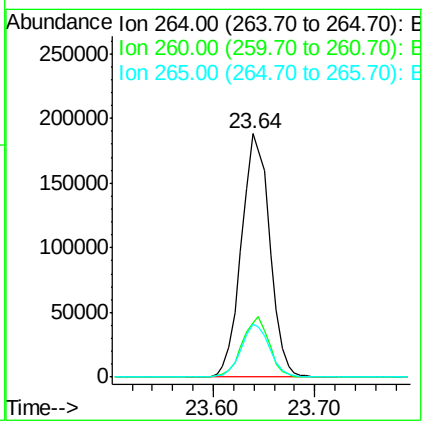
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

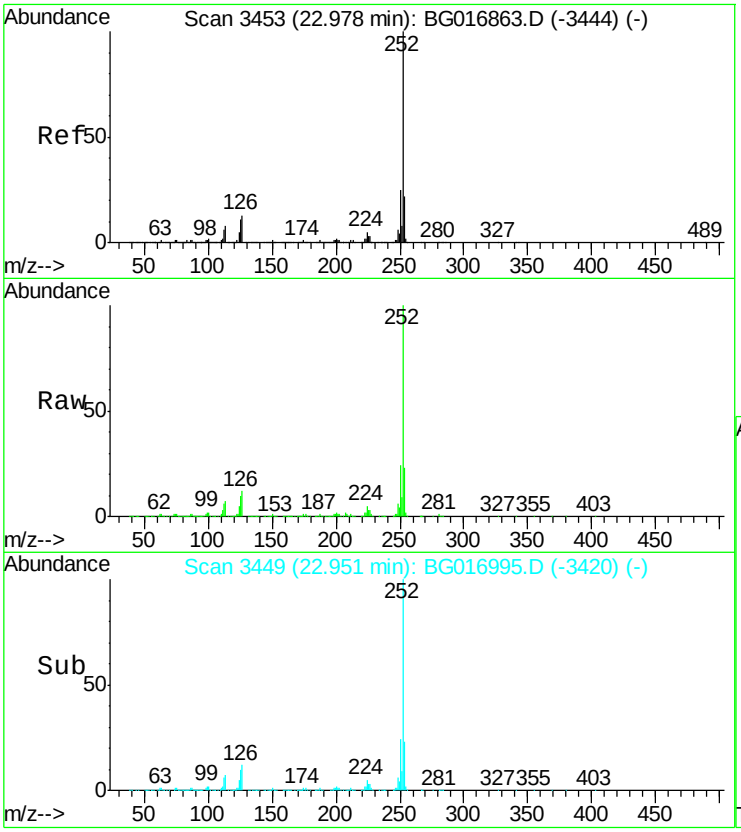


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:264 Resp: 365772

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.8	18.5	27.7

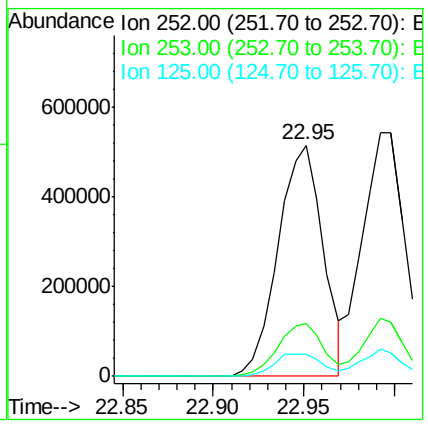




#87
Benzo(b)fluoranthene
Concen: 43.87 ng
RT: 22.95 min Scan# 3449
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

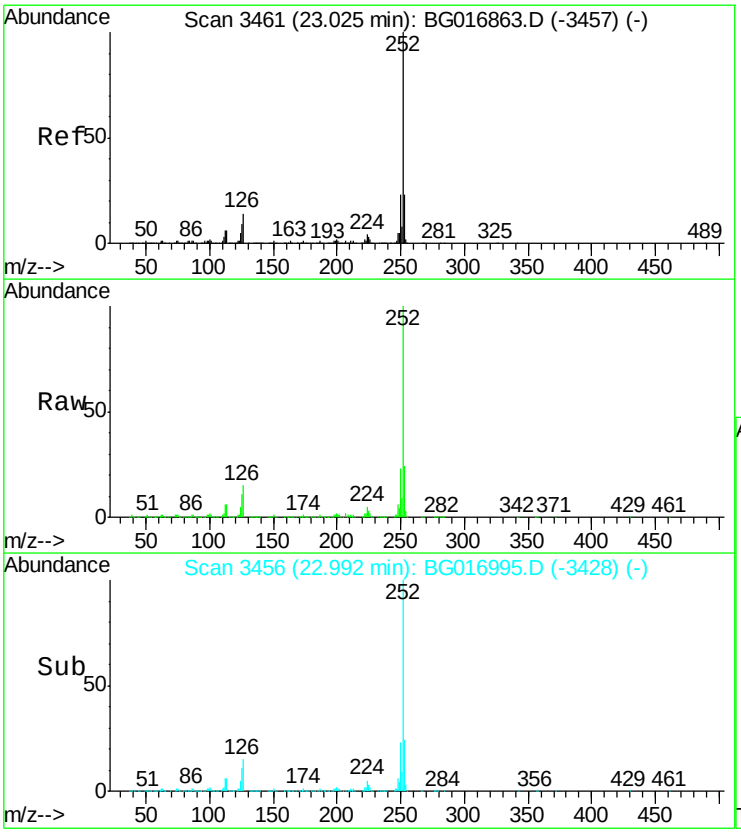
Tgt Ion:252 Resp: 893905

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	9.8	8.6	13.0



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

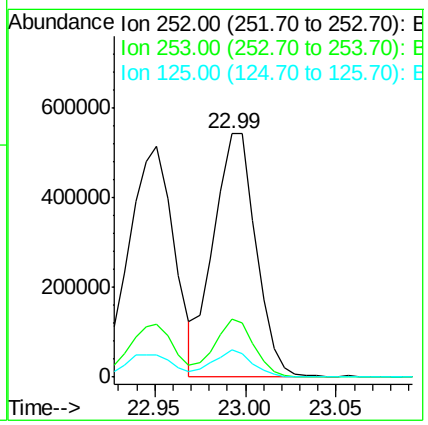
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

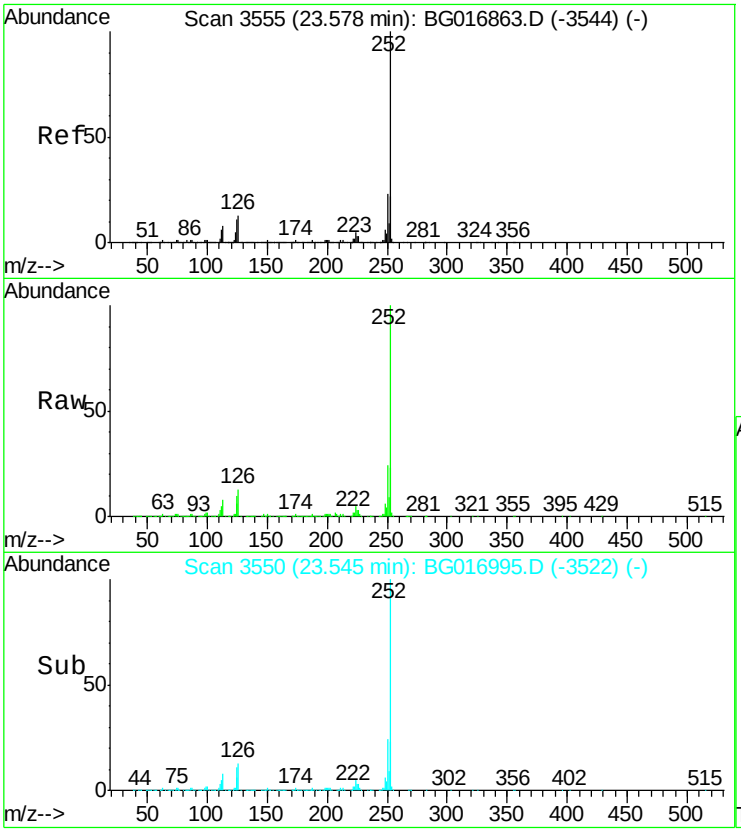


#88
Benzo(k)fluoranthene
Concen: 45.05 ng
RT: 22.99 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:252 Resp: 883136

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	11.0	7.9	11.9

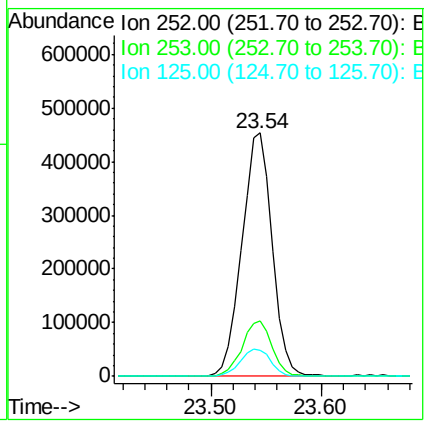




#89
Benzo(a)pyrene
Concen: 45.93 ng
RT: 23.54 min Scan# 3550
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

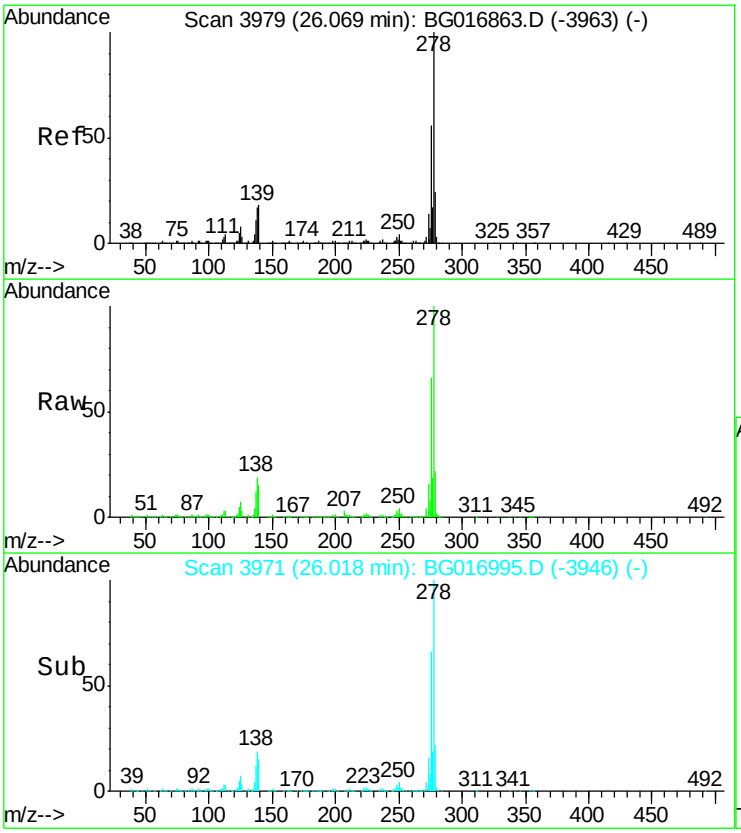
Tgt Ion:252 Resp: 872757

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.5	8.5	12.7



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

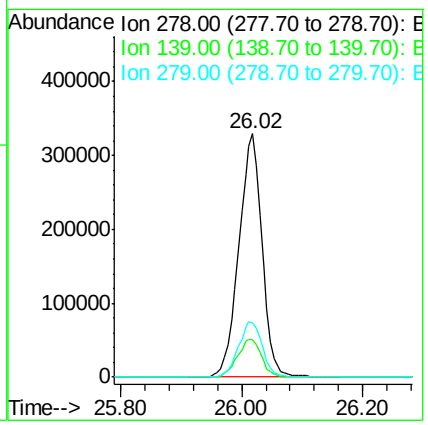
Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM

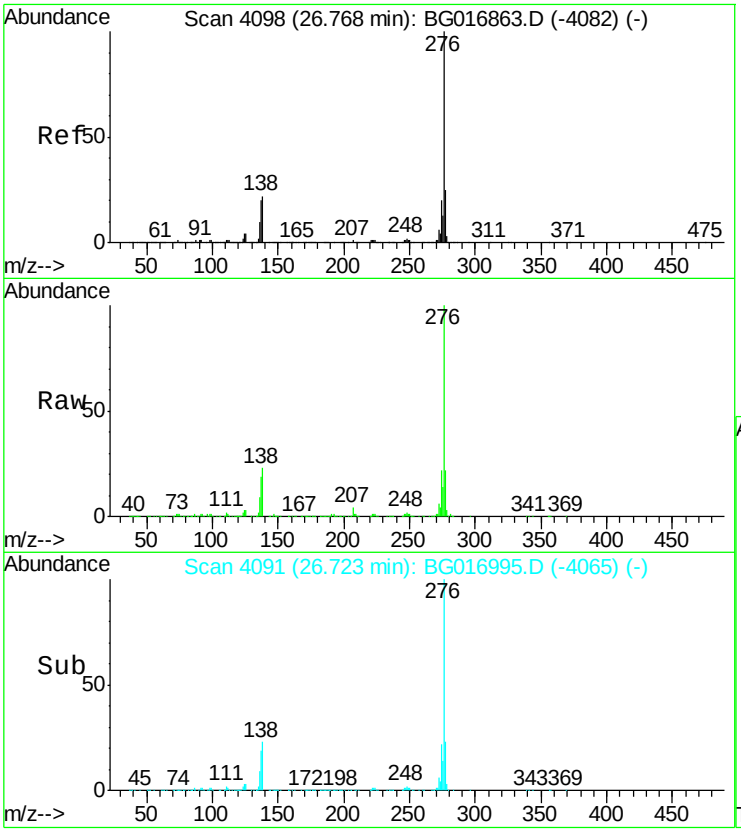


#90
Dibenzo(a,h)anthracene
Concen: 44.91 ng
RT: 26.02 min Scan# 3971
Delta R.T. -0.05 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:278 Resp: 871628

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.2	21.2
279	22.3	18.9	28.3

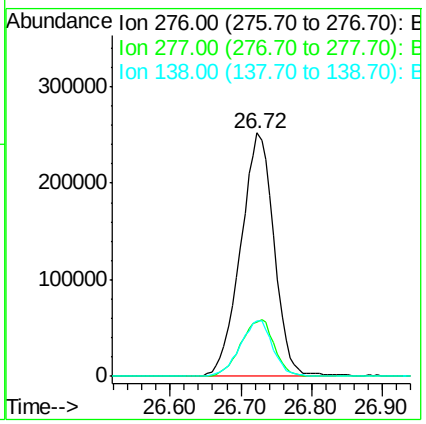




#91
Benzo(g,h,i)perylene
Concen: 44.74 ng
RT: 26.72 min Scan# 4091
Delta R.T. -0.04 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:276 Resp: 826879

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	22.5	17.5	26.3



Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:57:54 PM