Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017898.D
Acq On : 16 Jul 2015 00:12
Operator : TP/UM
Sample : MDL-03-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

Quant Time: Jul 16 06:57:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	77788m	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	364516	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	222027	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	469606	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	473686	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	441794	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	9752	4.49	ng/uL	0.00
5) Phenol-d5	6.76	99	169845	25.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	315	0.07	ng/ul	0.07
9) 2-Chlorophenol-d4	7.12	132	145863	27.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	138558	26.94	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	72411	25.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	67569	31.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	127802	29.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	214640	34.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	468847	30.29	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	572129	28.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	80079	27.41	ng/ul	0.00
57) Fluorene-d10	15.24	176	424739	29.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	48224	21.95	ng/ul	0.00
70) Anthracene-d10	17.09	188	647995	30.45	ng/ul	0.00
78) Pyrene-d10	19.40	212	708322	31.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	630644	29.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	3294	1.42	ng/uL#	88
4) Benzaldehyde	6.73	77	26262	6.68	ng/ul	92
6) Phenol	6.79	94	37641	5.12	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	30543	5.09	ng/ul	88
10) 2-Chlorophenol	7.15	128	31390	5.96	ng/ul	91
11) 2-Methylphenol	8.03	108	27733	5.19	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.17	45	201	0.02	ng/ul#	66
14) Acetophenone	8.40	105	46758	5.46	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.44	70	149	0.03	ng/ul#	32
16) 4-Methylphenol	8.36	108	31914	5.48	ng/ul	98
17) Hexachloroethane	8.65	117	12159	4.84	ng/ul	94
20) Nitrobenzene	8.78	77	34313	4.57	ng/ul#	92
21) Isophorone	9.30	82	67774	4.83	ng/ul#	93
23) 2-Nitrophenol	9.48	139	14593	5.75	ng/ul#	87
24) 2,4-Dimethylphenol	9.55	107	34434	5.31	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	38915	4.93	ng/ul	94
27) 2,4-Dichlorophenol	10.01	162	26966	6.10	ng/ul	89
28) Naphthalene	10.42	128	106972	5.67	ng/ul	97
30) 4-Chloroaniline	10.53	127	40800	6.23	ng/ul	98
31) Hexachlorobutadiene	10.71	225	15955	5.73	ng/ul#	90
32) Caprolactam	11.30	113	11666m	3.60	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	28696	5.29	ng/ul#	94
34) 2-Methylnaphthalene	12.04	142	75393	5.89	ng/ul	91

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017898.D
Acq On : 16 Jul 2015 00:12
Operator : TP/UM
Sample : MDL-03-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

Quant Time: Jul 16 06:57:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	33138	5.67	ng/ul#	95
37) Hexachlorocyclopentadiene	12.39	237	13027	4.29	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.66	196	16958	5.35	ng/ul	91
39) 2,4,5-Trichlorophenol	12.73	196	20295	5.87	ng/ul	93
40) 1,1'-Biphenyl	13.07	154	100084	5.82	ng/ul	95
41) 2-Chloronaphthalene	13.11	162	75467	5.72	ng/ul	93
42) 2-Nitroaniline	13.31	65	16932	4.38	ng/ul	98
44) Dimethylphthalate	13.71	163	102782	6.32	ng/ul#	97
45) 2,6-Dinitrotoluene	13.83	165	16292	5.50	ng/ul	88
47) Acenaphthylene	13.96	152	130837	5.88	ng/ul	99
48) 3-Nitroaniline	14.15	138	18352	5.43	ng/ul	98
49) Acenaphthene	14.31	153	84820	5.67	ng/ul	94
50) 2,4-Dinitrophenol	14.36	184	1891	1.51	ng/ul	91
52) 4-Nitrophenol	14.47	109	11904	4.81	ng/ul	87
53) Dibenzofuran	14.64	168	118487	6.01	ng/ul	91
54) 2,4-Dinitrotoluene	14.61	165	22522	5.30	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.87	232	15842	5.94	ng/ul#	82
56) Diethylphthalate	15.08	149	103174	6.16	ng/ul	98
58) Fluorene	15.29	166	103400	6.04	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	48541	6.11	ng/ul	94
60) 4-Nitroaniline	15.32	138	21523	5.35	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	11177	4.56	ng/ul#	97
64) N-Nitrosodiphenylamine	15.51	169	84814	5.93	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	29176	6.48	ng/ul#	81
66) Hexachlorobenzene	16.30	284	31607	6.46	ng/ul#	86
67) Atrazine	16.47	200	29146	5.94	ng/ul	97
68) Pentachlorophenol	16.65	266	9219	3.80	ng/ul#	90
69) Phenanthrene	17.04	178	163170	6.29	ng/ul	100
71) Anthracene	17.13	178	166771	6.28	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	31926	5.34	ng/uL	92
73) Pentachlorobenzene	14.57	250	39149	6.83	ng/uL	95
74) Carbazole	17.40	167	148959	6.43	ng/ul	99
75) Di-n-butylphthalate	17.98	149	175091	6.03	ng/ul#	96
76) Fluoranthene	19.07	202	173465	6.59	ng/ul#	93
79) Pyrene	19.43	202	201431	6.91	ng/ul	95
80) Butylbenzylphthalate	20.35	149	65898	5.59	ng/ul#	91
81) 3,3'-Dichlorobenzidine	21.12	252	38801	5.47	ng/ul#	89
82) Benzo(a)anthracene	21.18	228	167950	6.42	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	91241	5.59	ng/ul	93
84) Chrysene	21.23	228	167700	6.68	ng/ul	97
86) Di-n-octyl phthalate	22.00	149	141818	5.48	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	156389	6.42	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	155792	6.20	ng/ul#	94
90) Benzo(a)pyrene	23.31	252	161695	6.60	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.65	276	163137	6.23	ng/ul	95
92) Dibenzo(a,h)anthracene	25.67	278	138256	6.20	ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	135512	6.18	ng/ul	97

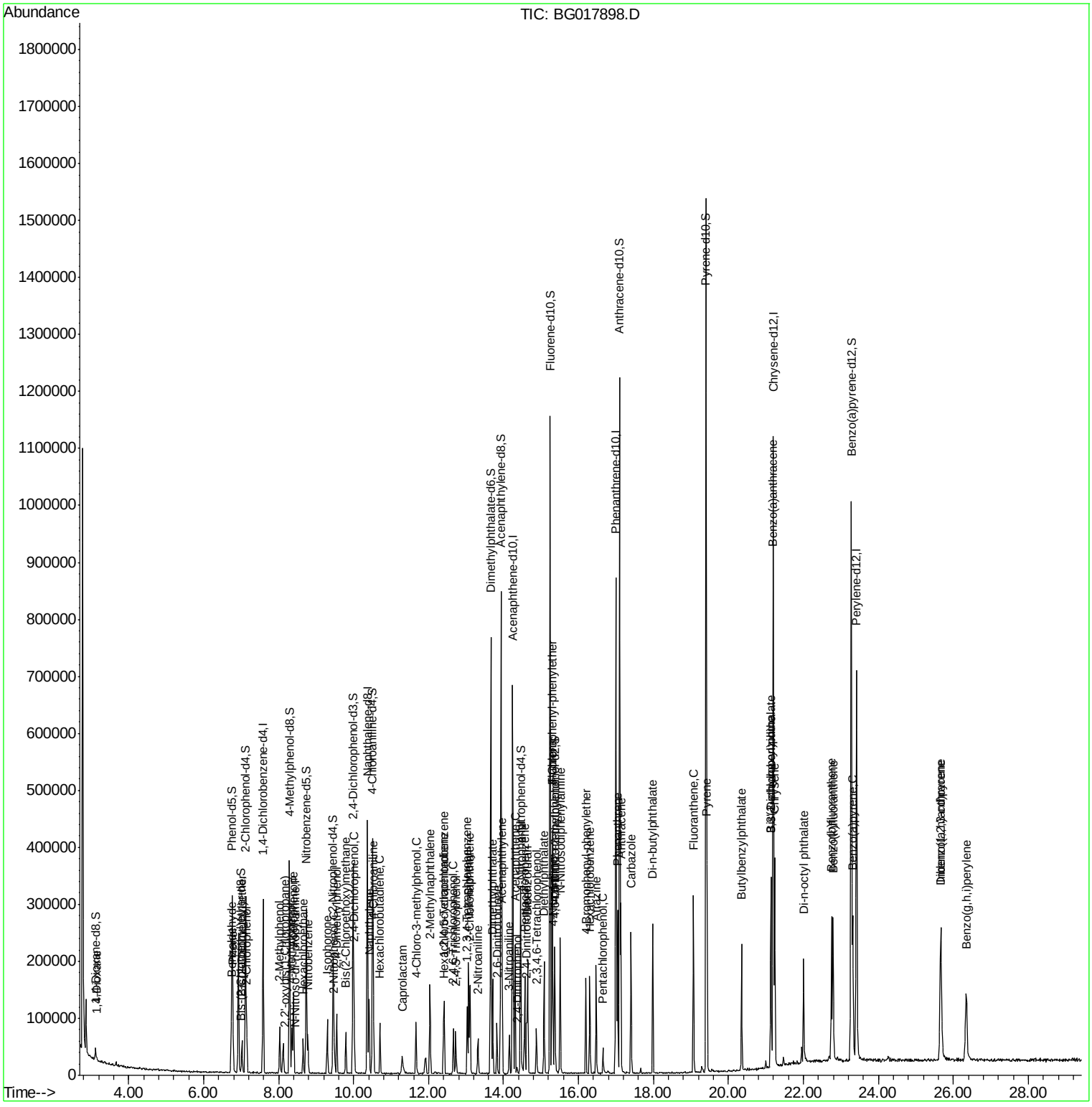
(#) = qualifier out of range (m) = manual integration (+) = signals summed

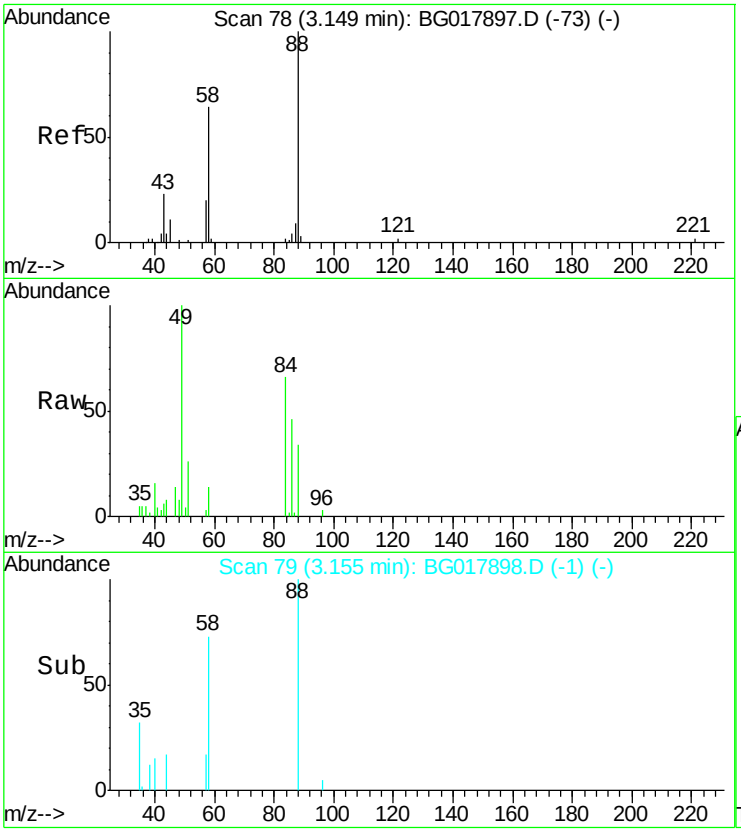
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017898.D
Acq On : 16 Jul 2015 00:12
Operator : TP/UM
Sample : MDL-03-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 16 06:57:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

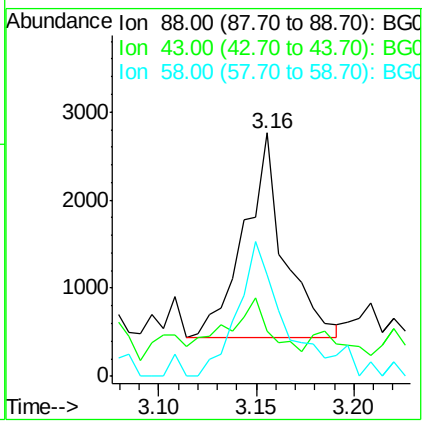




#2
1,4-Dioxane
Concen: 1.42 ng/uL
RT: 3.16 min Scan# 79
Delta R.T. 0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

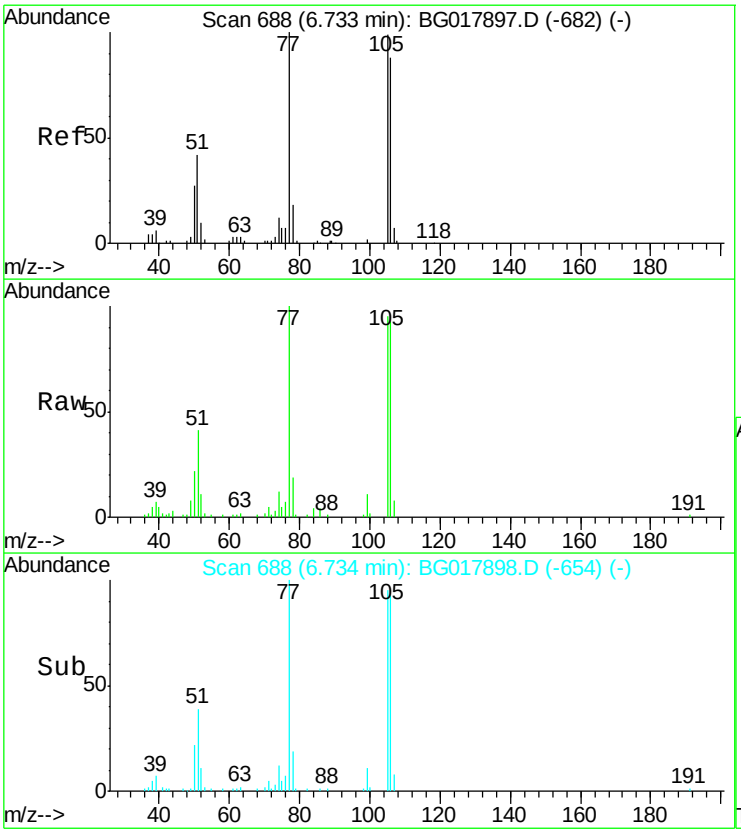
Tgt Ion: 88 Resp: 3294

Ion	Ratio	Lower	Upper
88	100		
43	25.4	26.4	39.6#
58	66.7	61.5	92.3



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

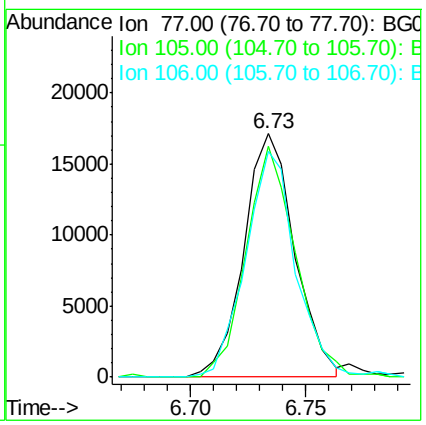
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

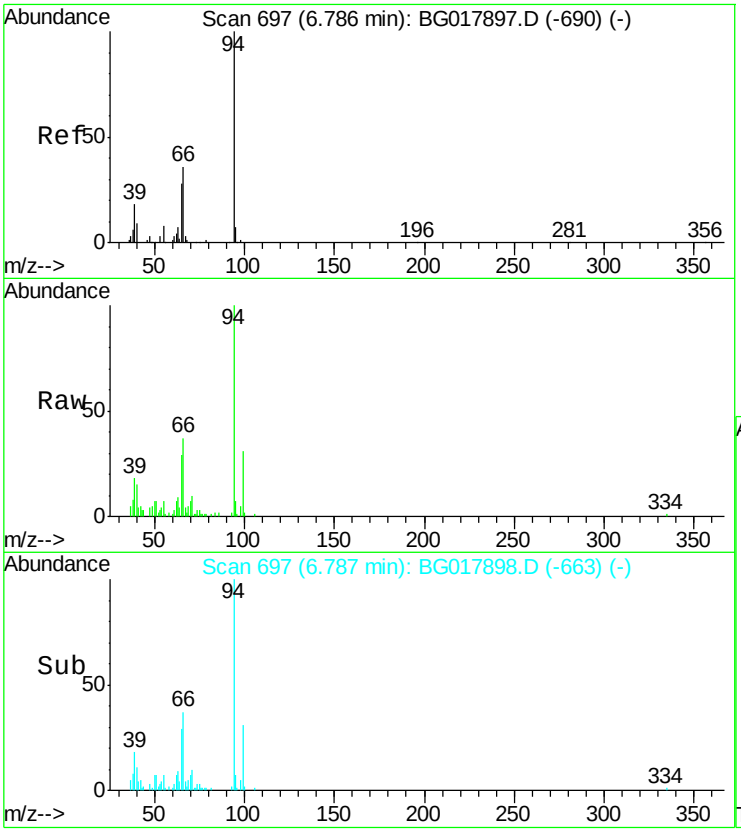


#4
Benzaldehyde
Concen: 6.68 ng/ul
RT: 6.73 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion: 77 Resp: 26262

Ion	Ratio	Lower	Upper
77	100		
105	94.6	69.1	103.7
106	92.5	69.3	103.9

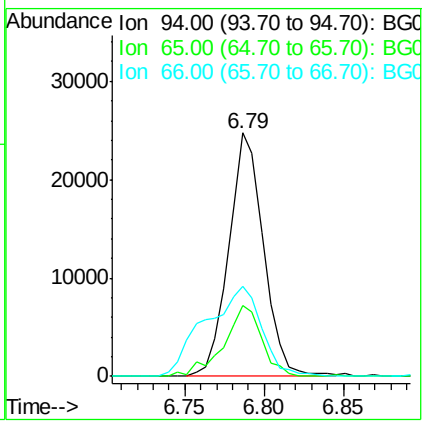




#6
Phenol
Concen: 5.12 ng/ul
RT: 6.79 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

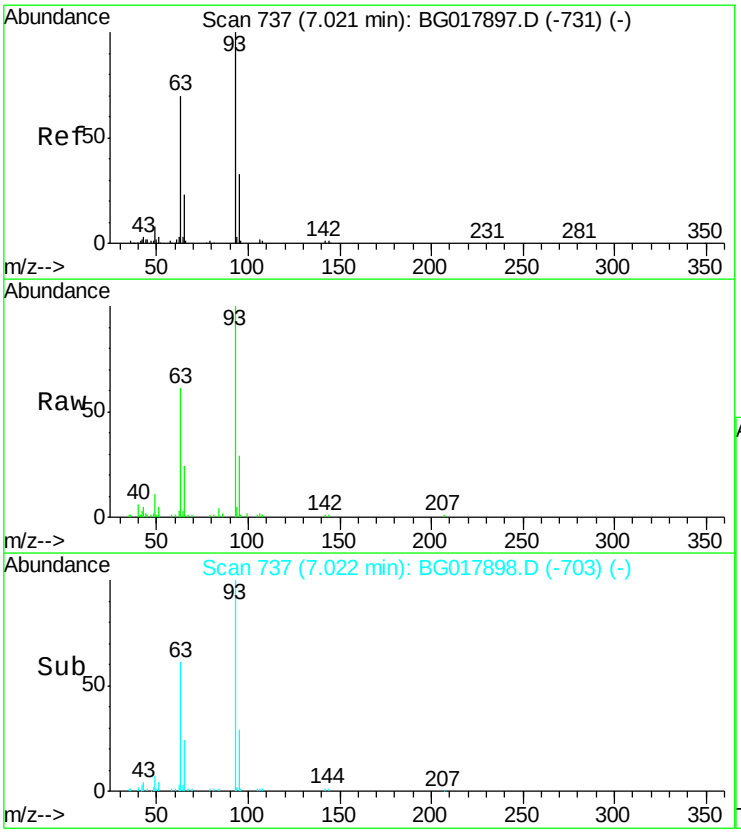
Tgt Ion: 94 Resp: 37641

Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.0	37.4
66	37.1	31.7	47.5



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

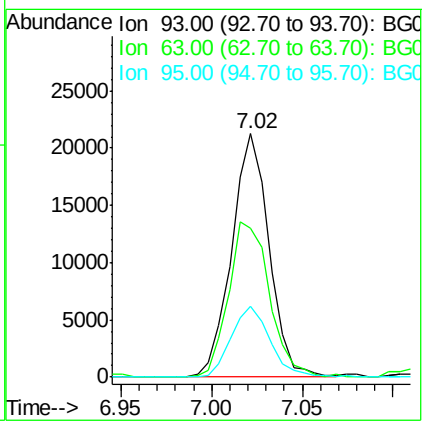
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

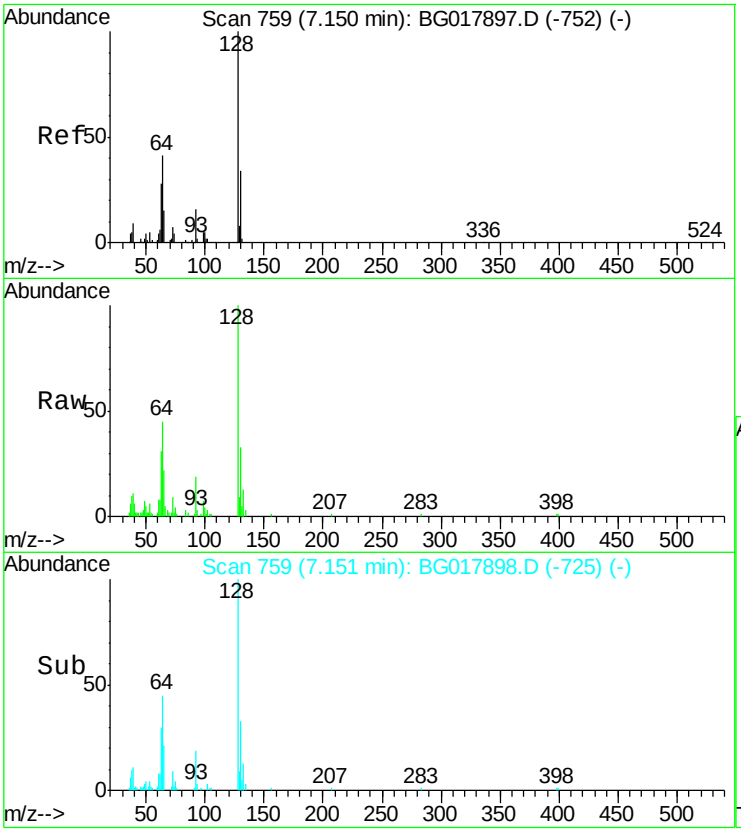


#8
Bis(2-Chloroethyl)ether
Concen: 5.09 ng/ul
RT: 7.02 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion: 93 Resp: 30543

Ion	Ratio	Lower	Upper
93	100		
63	60.9	59.8	89.8
95	28.9	23.4	35.2

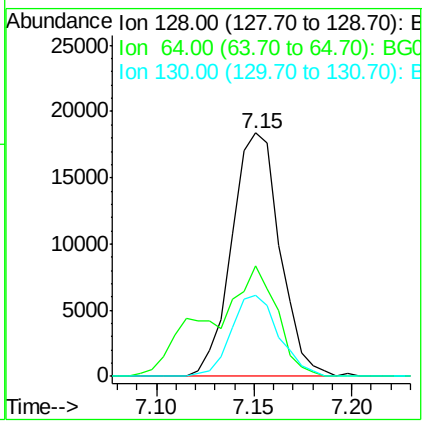




#10
2-Chlorophenol
Concen: 5.96 ng/ul
RT: 7.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

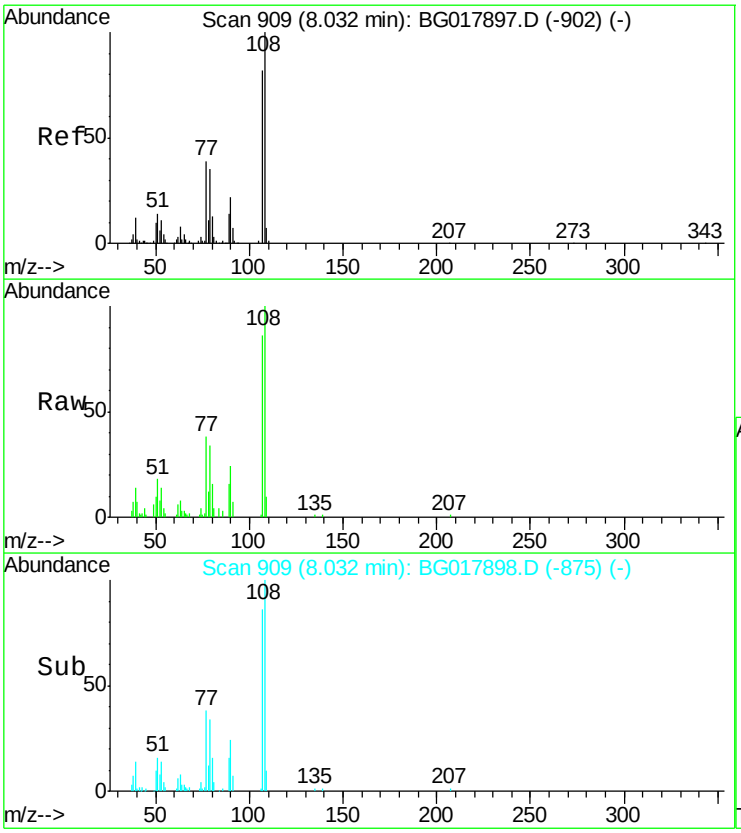
Tgt Ion:128 Resp: 31390

Ion	Ratio	Lower	Upper
128	100		
64	45.3	44.0	66.0
130	33.5	25.9	38.9



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

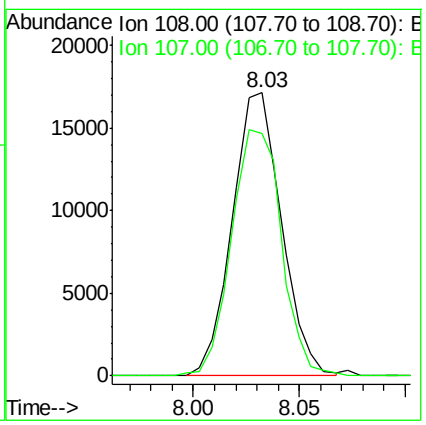
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

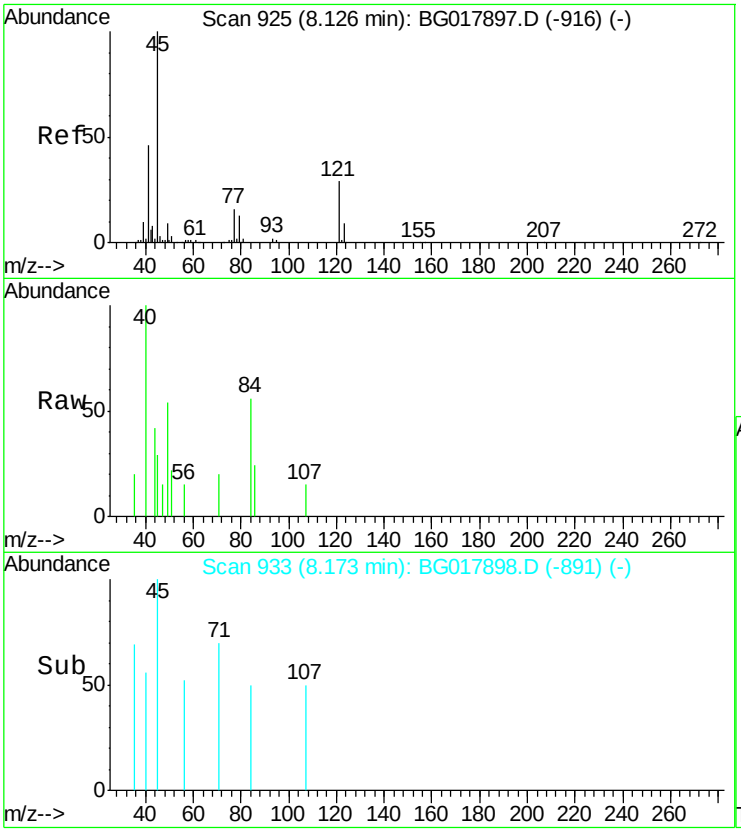


#11
2-Methylphenol
Concen: 5.19 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:108 Resp: 27733

Ion	Ratio	Lower	Upper
108	100		
107	85.8	72.1	108.1





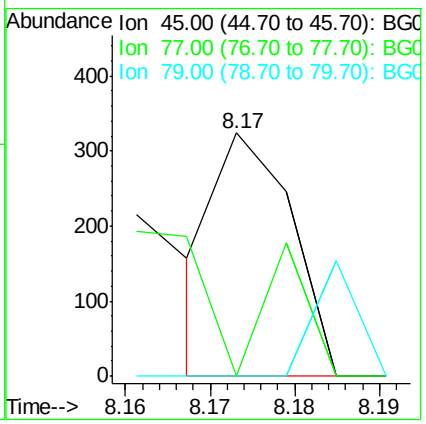
#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng/ul
RT: 8.17 min Scan# 933
Delta R.T. 0.05 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

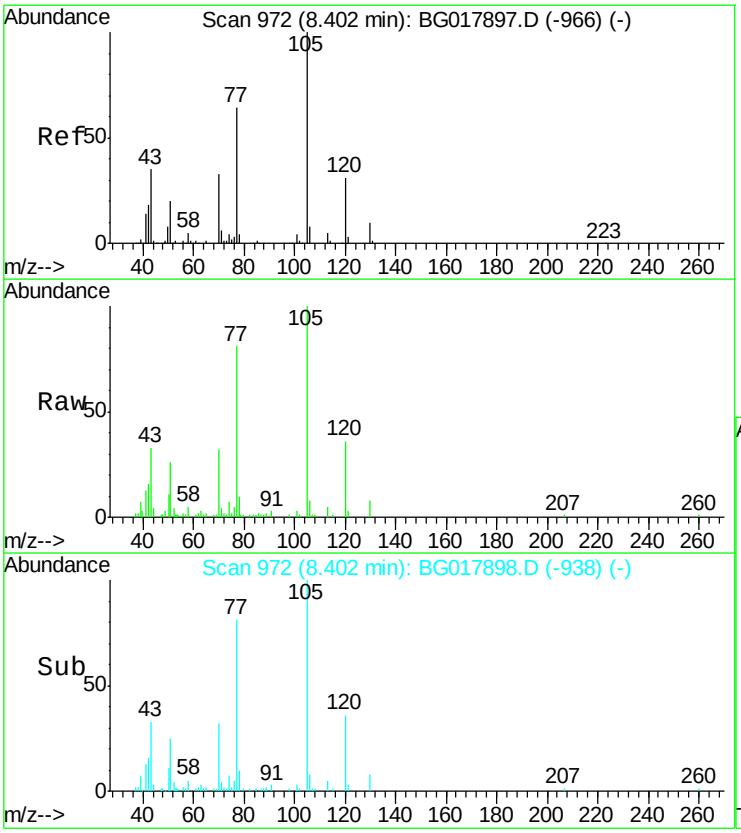
Tgt Ion: 45 Resp: 201

Ion	Ratio	Lower	Upper
45	100		
77	0.0	12.6	19.0#
79	0.0	9.3	13.9#

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

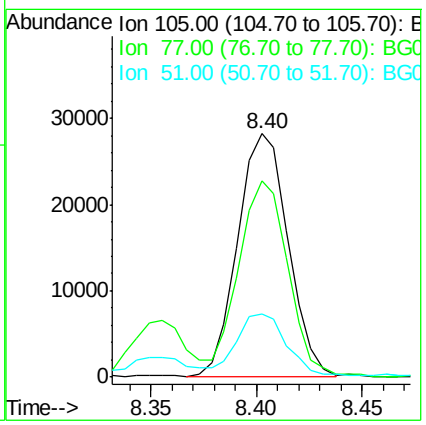


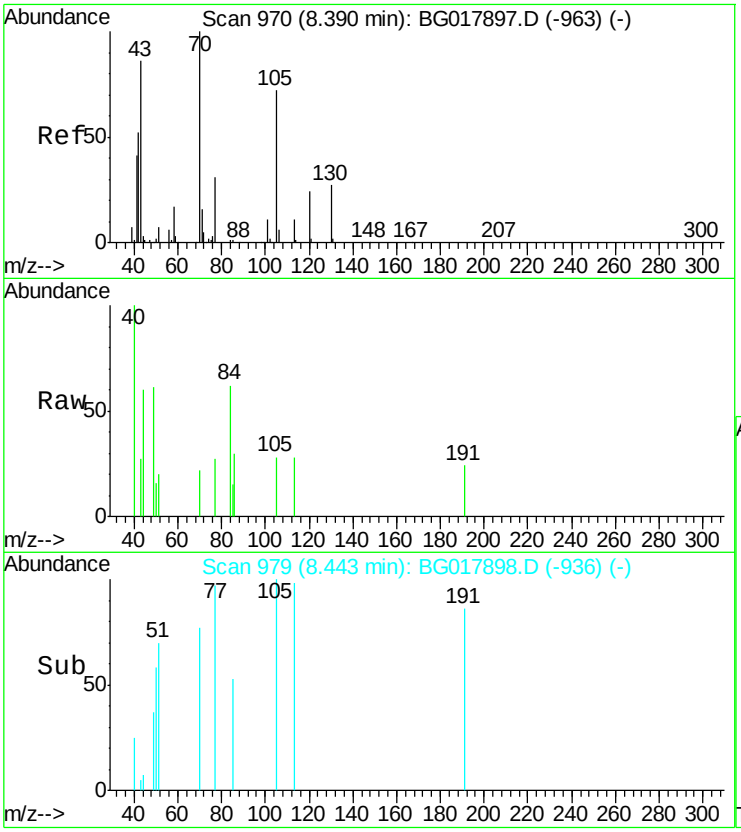


#14
Acetophenone
Concen: 5.46 ng/ul
RT: 8.40 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:105 Resp: 46758

Ion	Ratio	Lower	Upper
105	100		
77	80.7	71.9	107.9
51	26.1	25.0	37.6





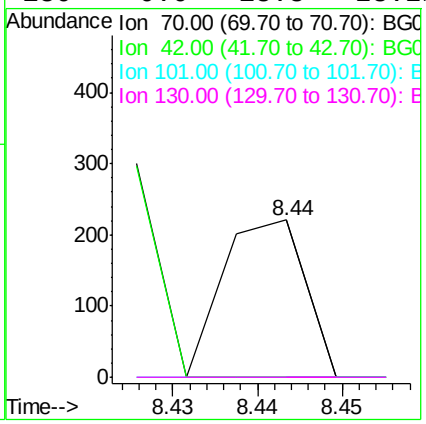
#15
N-Nitroso-di-n-propylamine
Concen: 0.03 ng/ul
RT: 8.44 min Scan# 979
Delta R.T. 0.05 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

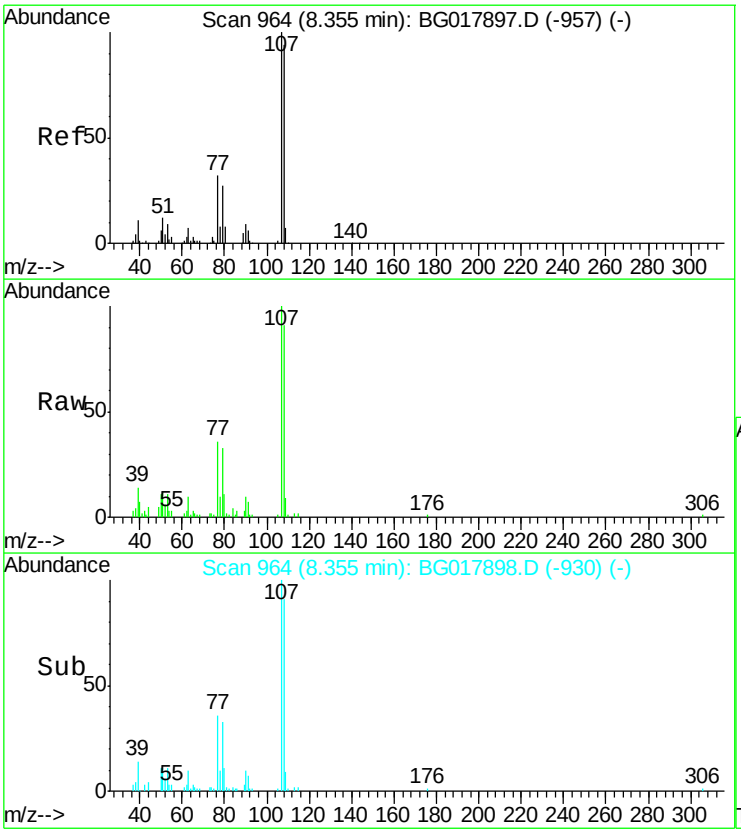
Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

Tgt Ion: 70 Resp: 149

Ion	Ratio	Lower	Upper
70	100		
42	0.0	51.1	76.7#
101	0.0	9.8	14.8#
130	0.0	18.8	28.2#

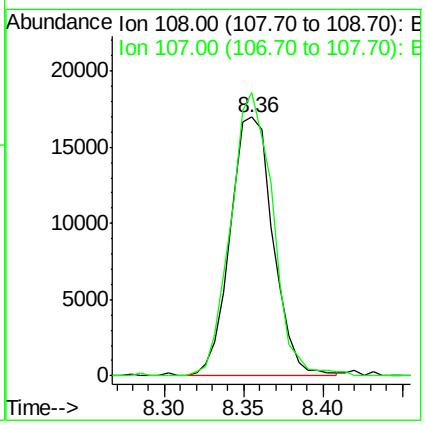


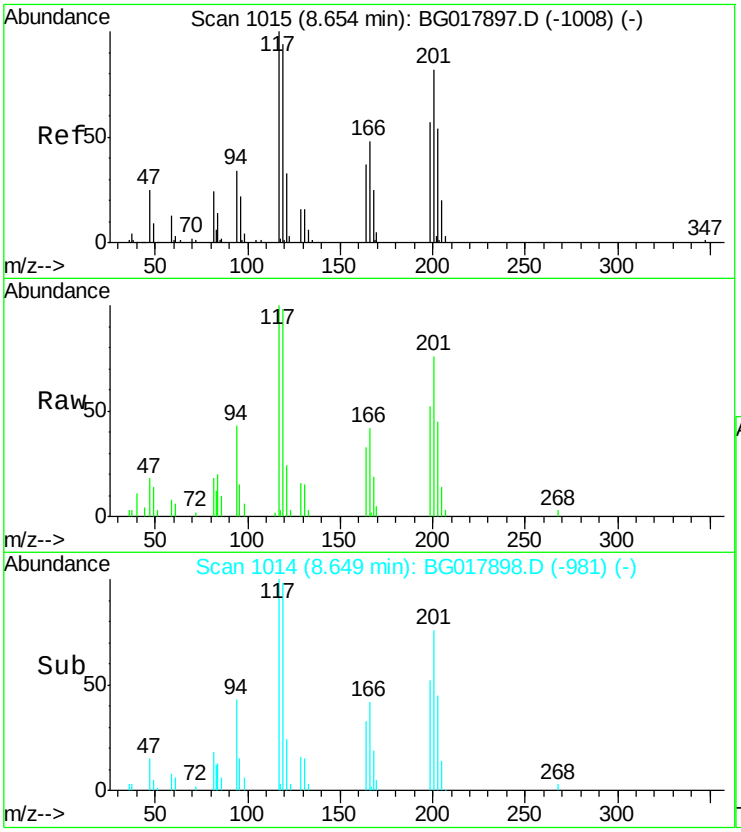


#16
4-Methylphenol
Concen: 5.48 ng/ul
RT: 8.36 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:108 Resp: 31914

Ion	Ratio	Lower	Upper
108	100		
107	109.3	85.8	128.6

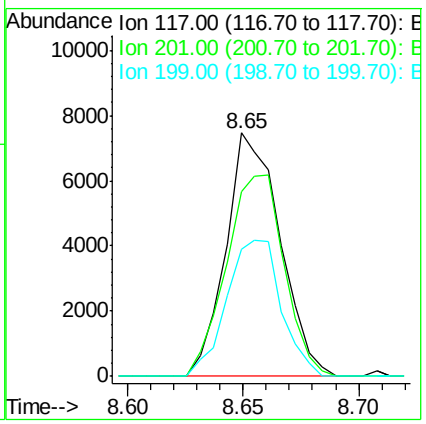




#17
Hexachloroethane
Concen: 4.84 ng/ul
RT: 8.65 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

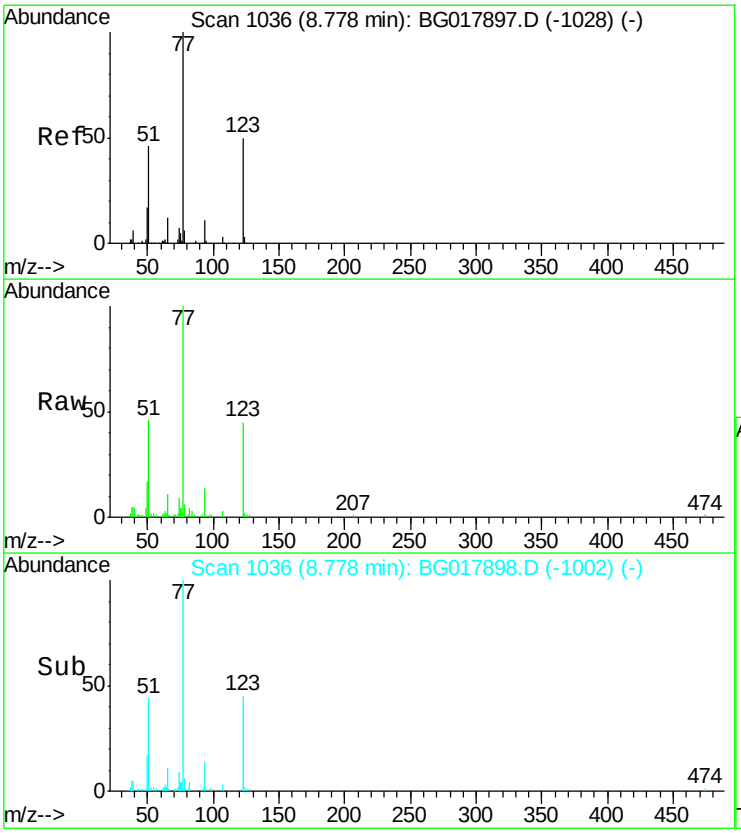
Tgt Ion:117 Resp: 12159

Ion	Ratio	Lower	Upper
117	100		
201	75.7	57.8	86.8
199	52.5	37.2	55.8



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

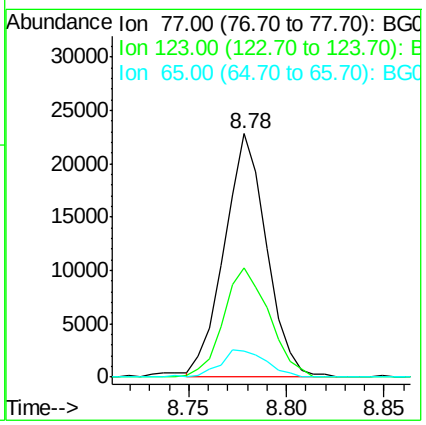
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

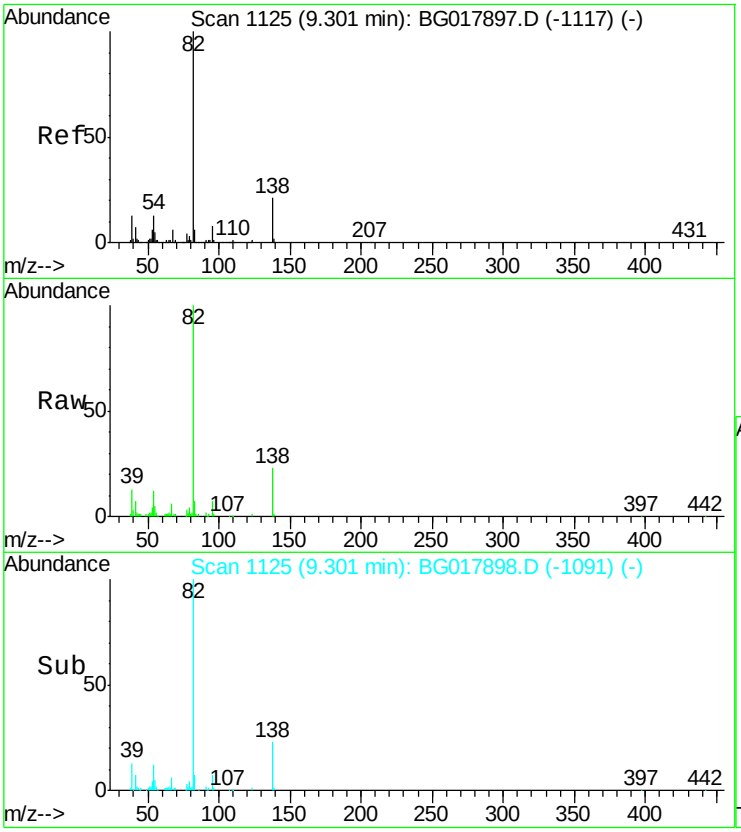


#20
Nitrobenzene
Concen: 4.57 ng/ul
RT: 8.78 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion: 77 Resp: 34313

Ion	Ratio	Lower	Upper
77	100		
123	44.6	32.0	48.0
65	10.7	11.3	16.9#

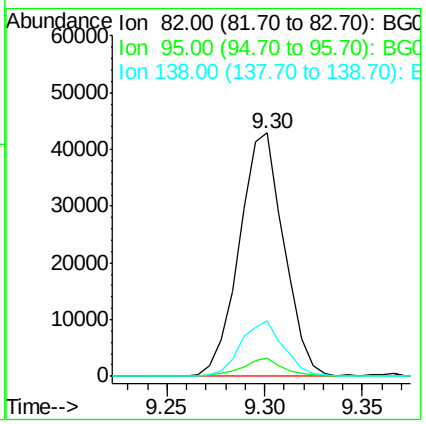




#21
Isophorone
Concen: 4.83 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

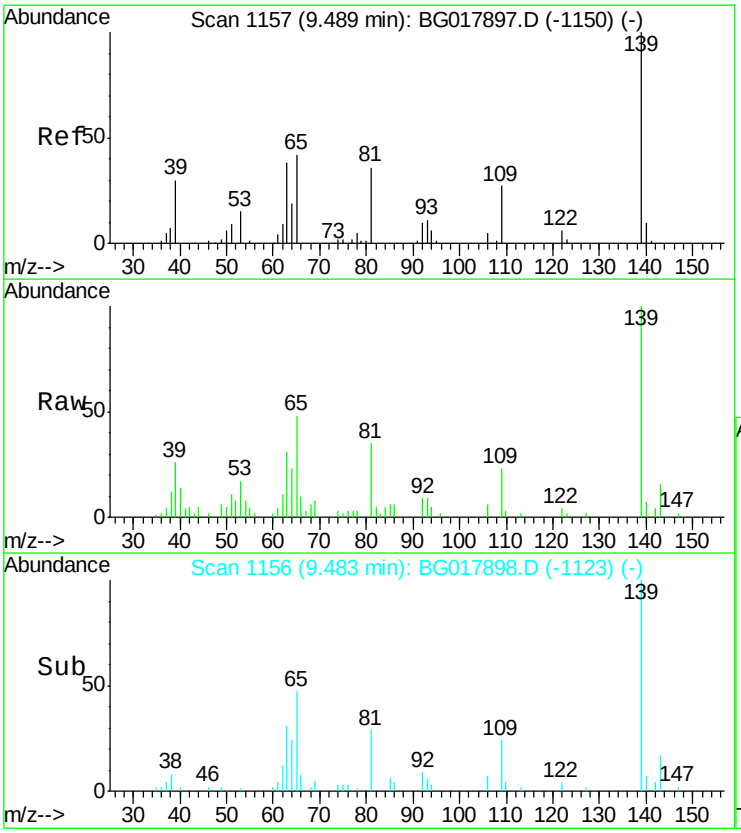
Tgt Ion: 82 Resp: 67774

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.9	8.9
138	22.9	14.7	22.1#



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

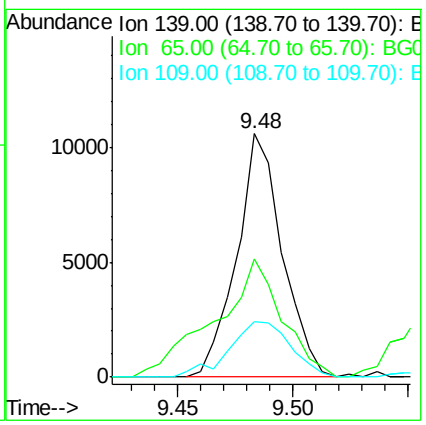
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

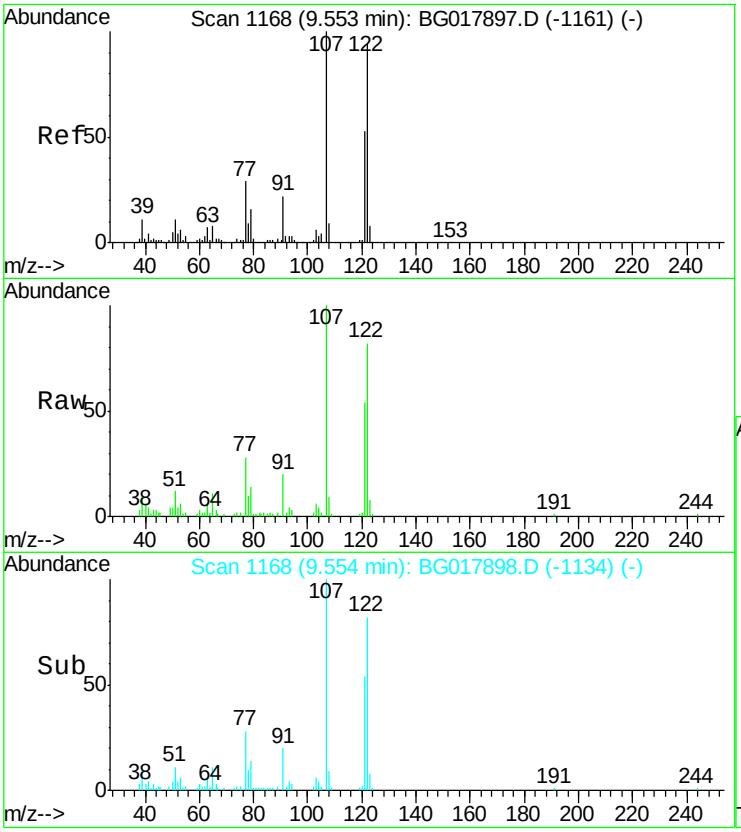


#23
2-Nitrophenol
Concen: 5.75 ng/ul
RT: 9.48 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:139 Resp: 14593

Ion	Ratio	Lower	Upper
139	100		
65	48.5	46.1	69.1
109	22.8	24.1	36.1#

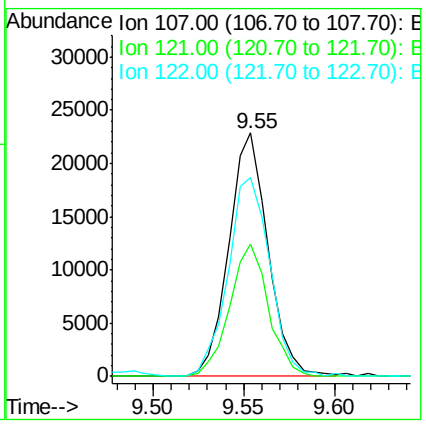




#24
2,4-Dimethylphenol
Concen: 5.31 ng/ul
RT: 9.55 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

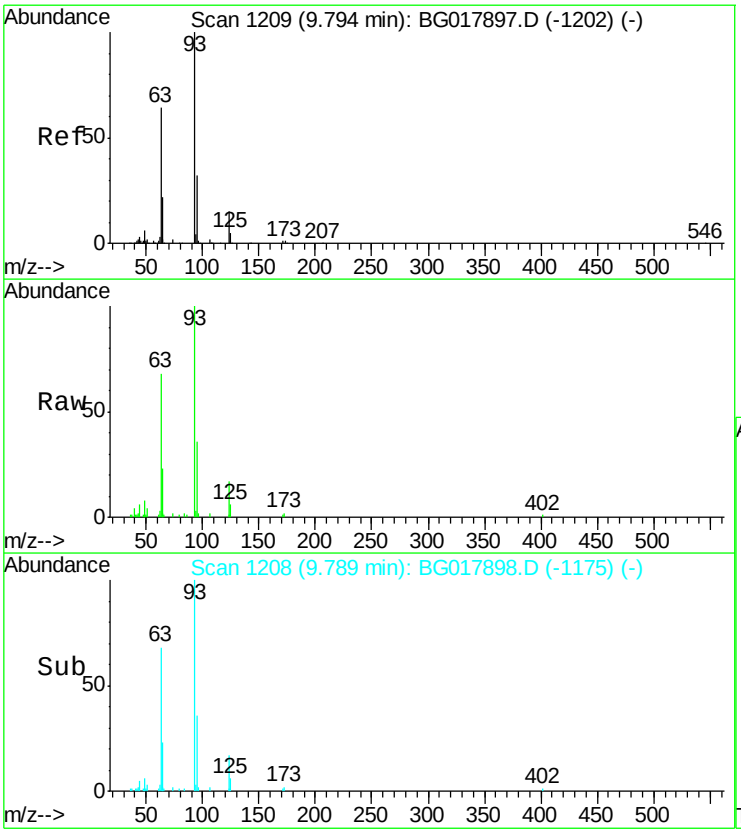
Tgt Ion:107 Resp: 34434

Ion	Ratio	Lower	Upper
107	100		
121	54.5	38.3	57.5
122	81.7	66.6	100.0



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

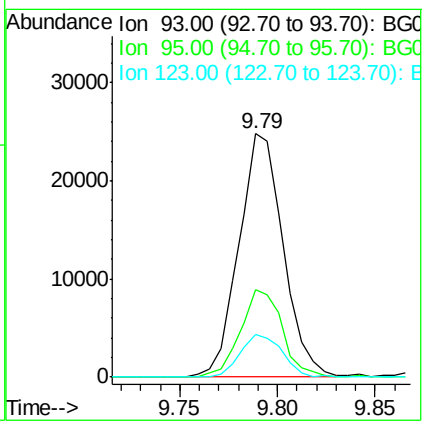
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

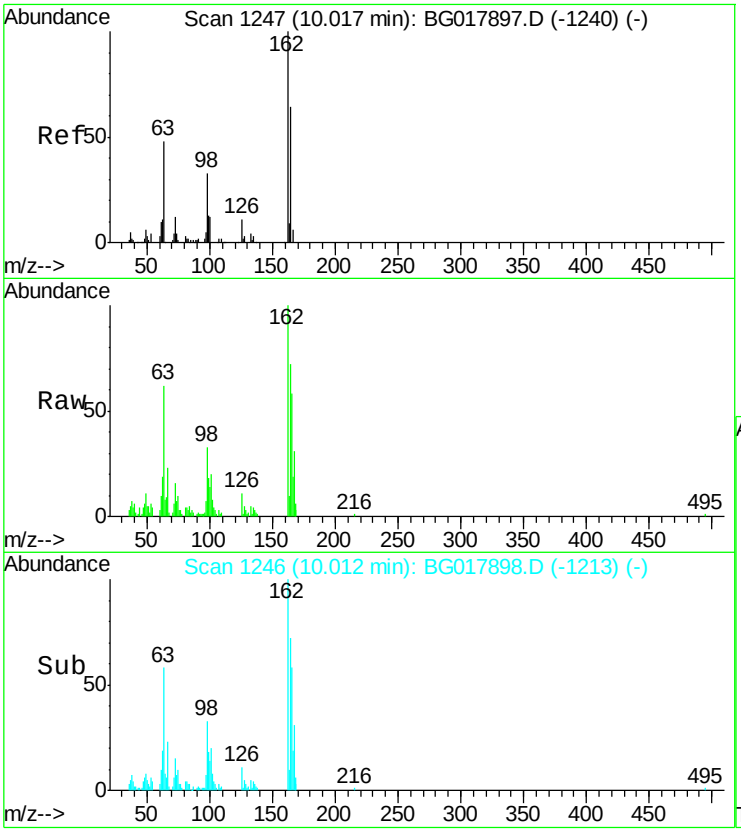


#25
Bis(2-Chloroethoxy)methane
Concen: 4.93 ng/ul
RT: 9.79 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion: 93 Resp: 38915

Ion	Ratio	Lower	Upper
93	100		
95	36.1	26.0	39.0
123	17.5	12.0	18.0

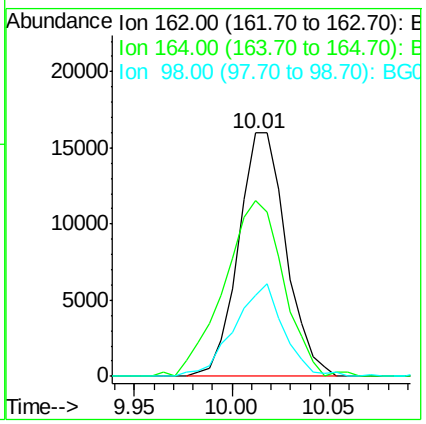




#27
2,4-Dichlorophenol
Concen: 6.10 ng/ul
RT: 10.01 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

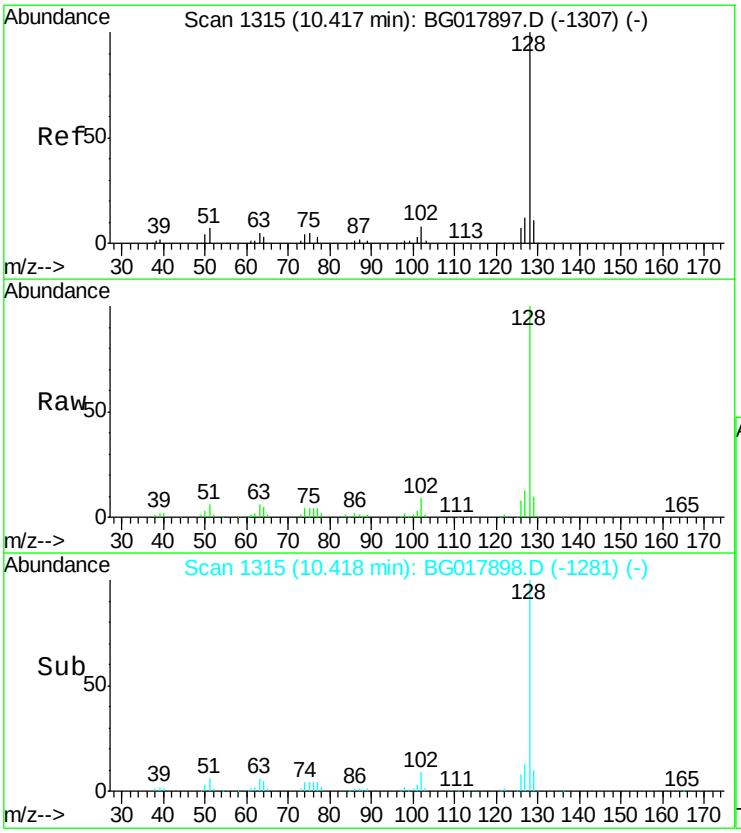
Tgt Ion:162 Resp: 26966

Ion	Ratio	Lower	Upper
162	100		
164	72.0	51.0	76.6
98	33.3	32.7	49.1



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

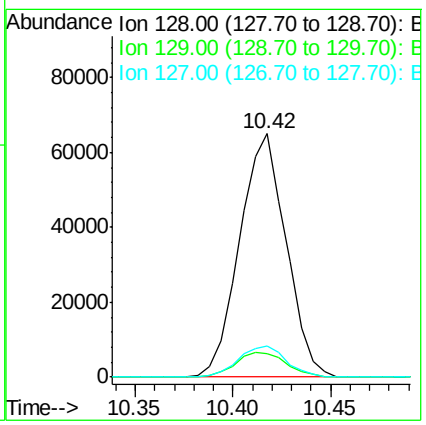
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

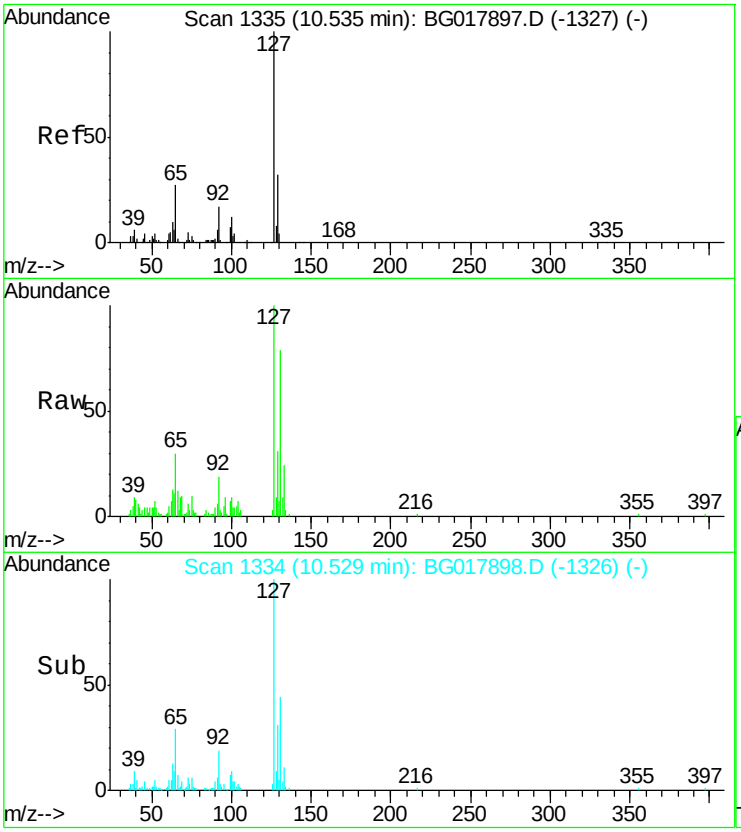


#28
Naphthalene
Concen: 5.67 ng/ul
RT: 10.42 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:128 Resp: 106972

Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.1	13.7
127	12.7	11.0	16.6





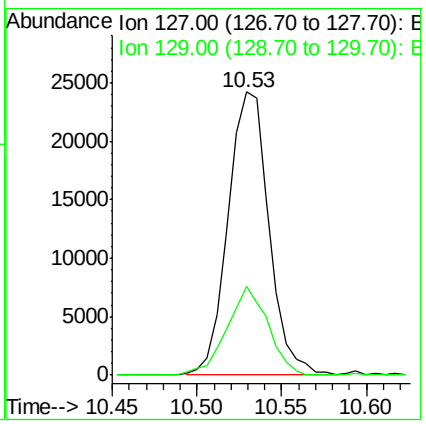
#30
4-Chloroaniline
Concen: 6.23 ng/ul
RT: 10.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

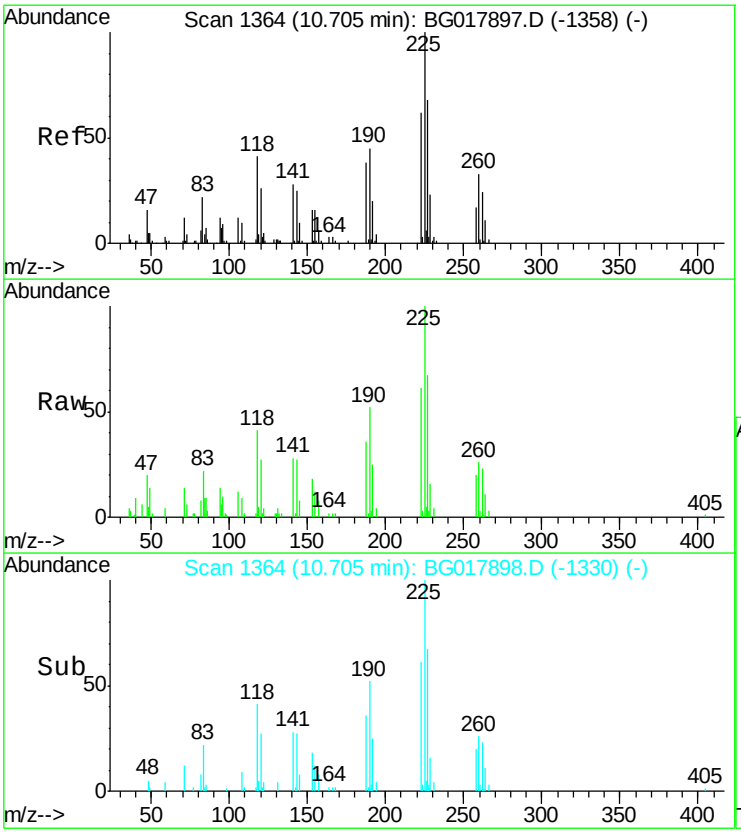
Tgt Ion:127 Resp: 40800

Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

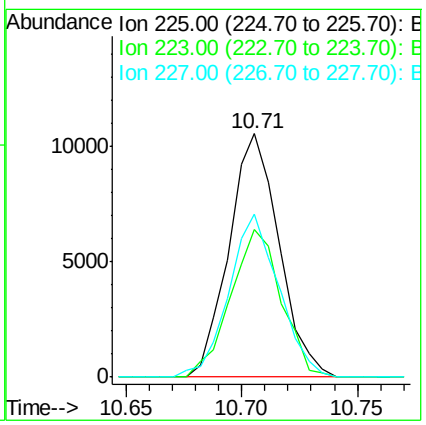


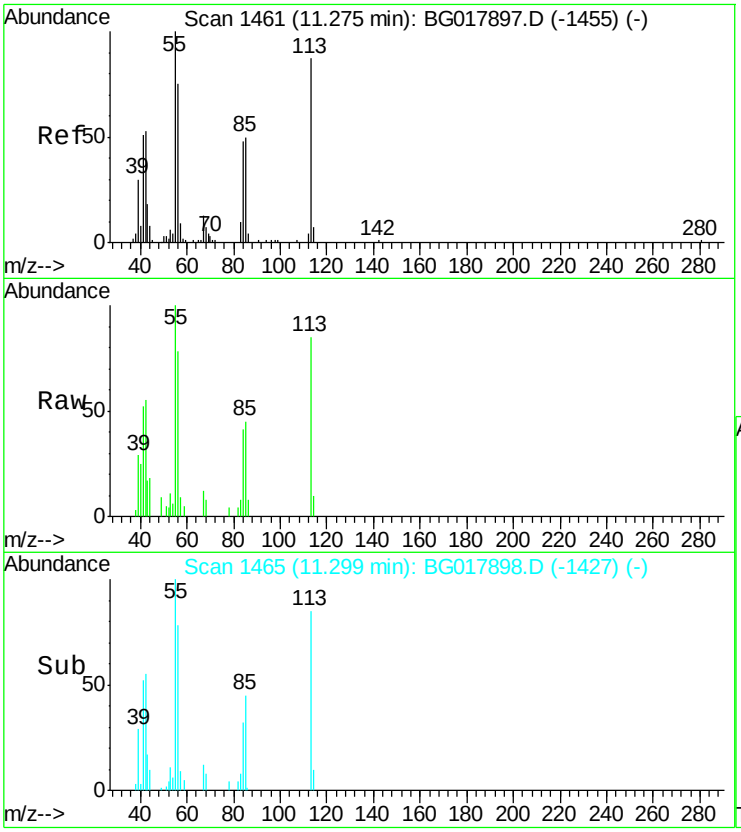


#31
Hexachlorobutadiene
Concen: 5.73 ng/ul
RT: 10.71 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:225 Resp: 15955

Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.6	73.0
227	69.9	46.1	69.1#





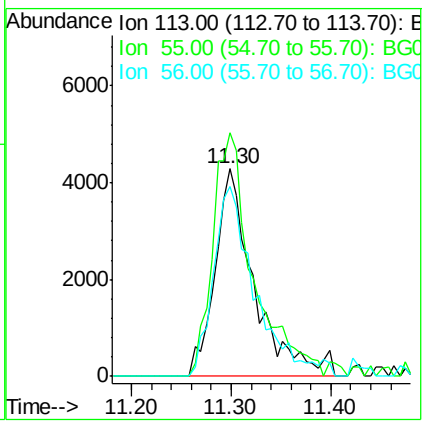
#32
Caprolactam
Concen: 3.60 ng/ul m
RT: 11.30 min Scan# 1465
Delta R.T. 0.02 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

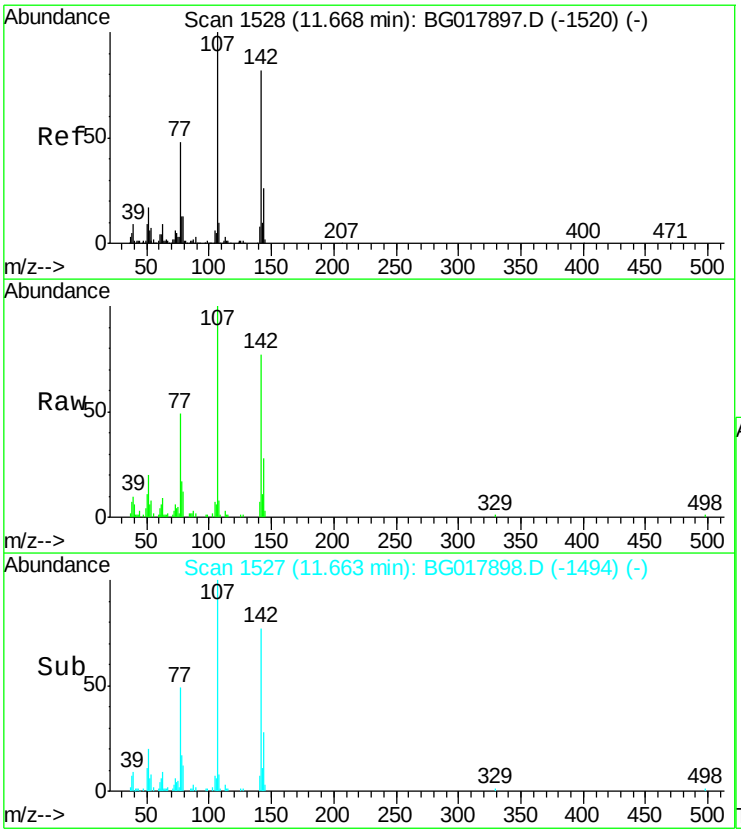
Tgt Ion:113 Resp: 11666

Ion	Ratio	Lower	Upper
113	100		
55	117.4	118.2	177.2#
56	91.5	89.8	134.6

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

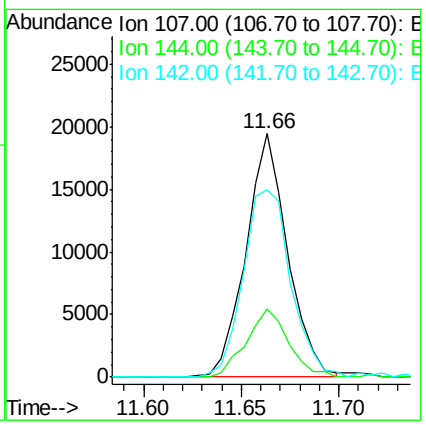


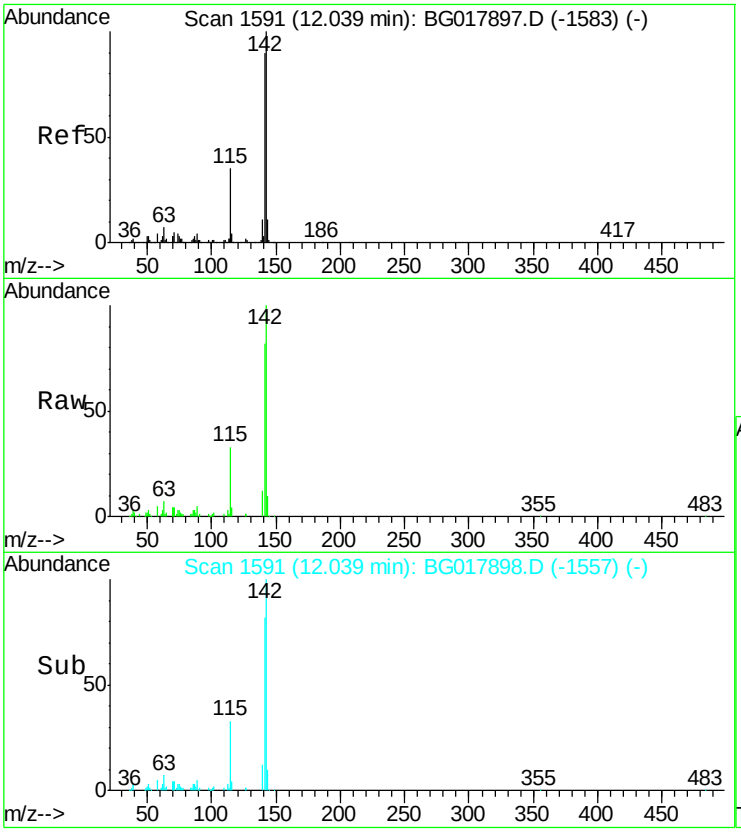


#33
4-Chloro-3-methylphenol
Concen: 5.29 ng/ul
RT: 11.66 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:107 Resp: 28696

Ion	Ratio	Lower	Upper
107	100		
144	28.1	16.6	24.8#
142	77.1	59.8	89.6





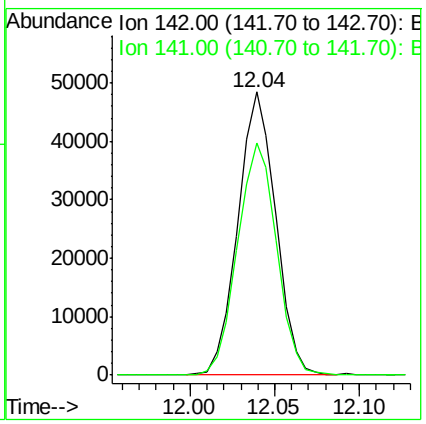
#34
2-Methylnaphthalene
Concen: 5.89 ng/ul
RT: 12.04 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

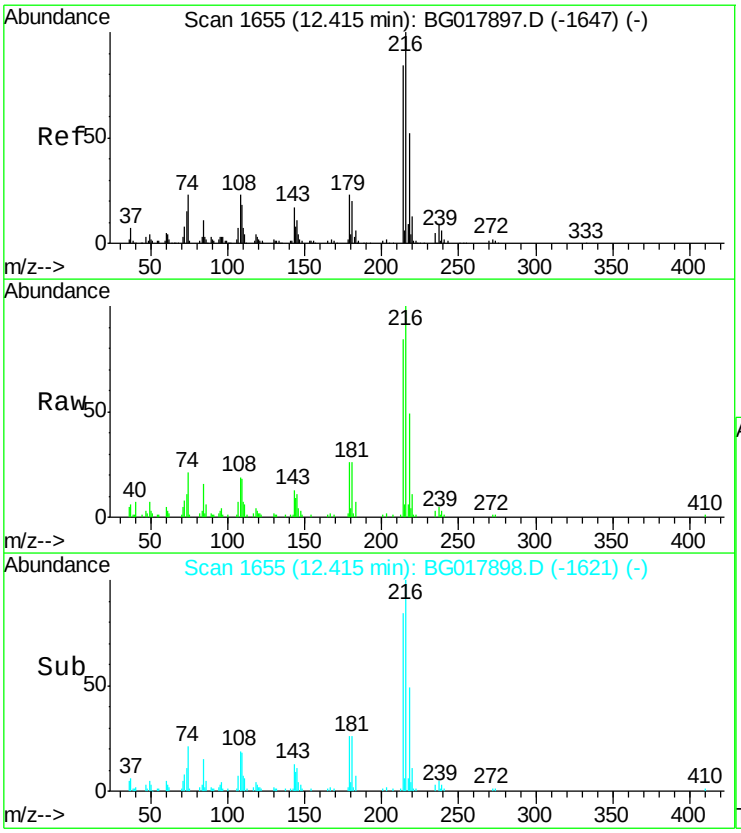
Tgt Ion:142 Resp: 75393

Ion	Ratio	Lower	Upper
142	100		
141	82.0	72.6	108.8

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

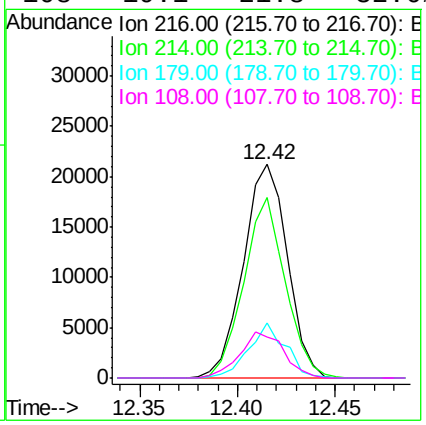


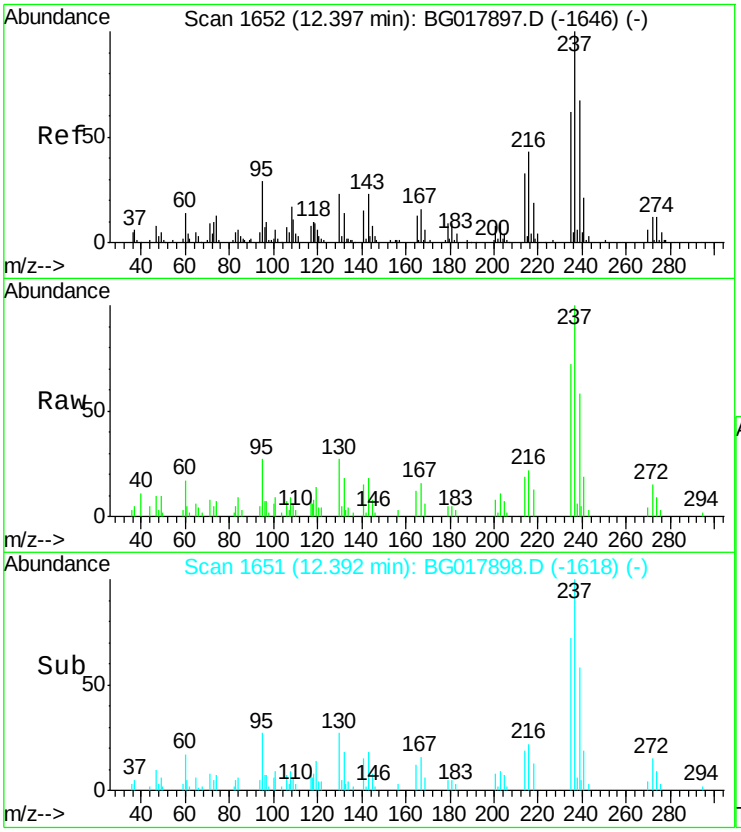


#36
1,2,4,5-Tetrachlorobenzene
Concen: 5.67 ng/ul
RT: 12.42 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:216 Resp: 33138

Ion	Ratio	Lower	Upper
216	100		
214	84.3	68.2	102.2
179	25.7	17.2	25.8
108	19.1	21.8	32.6#

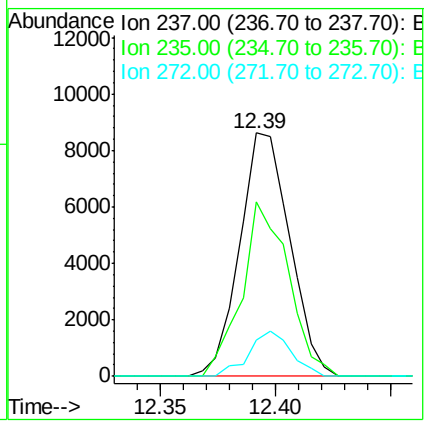




#37
Hexachlorocyclopentadiene
Concen: 4.29 ng/ul
RT: 12.39 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

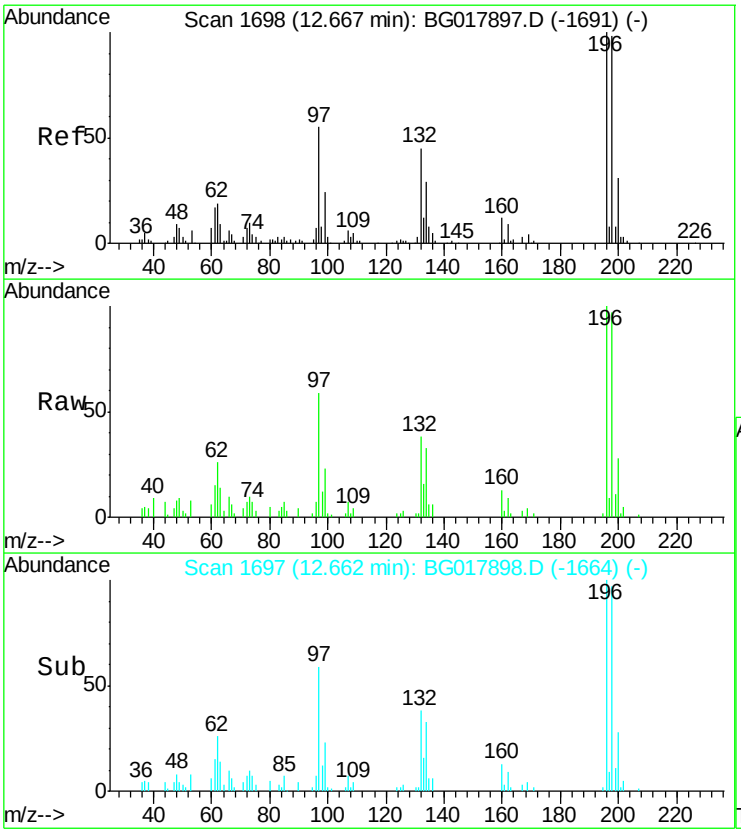
Tgt Ion:237 Resp: 13027

Ion	Ratio	Lower	Upper
237	100		
235	71.8	52.4	78.6
272	14.8	9.1	13.7#



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

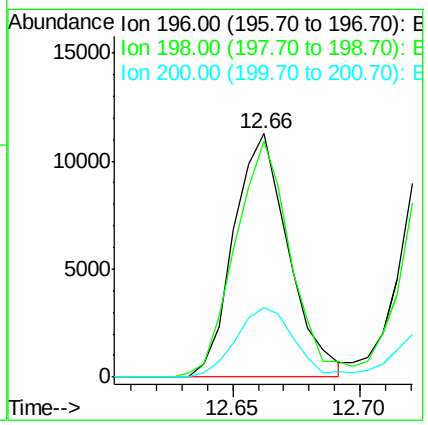
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

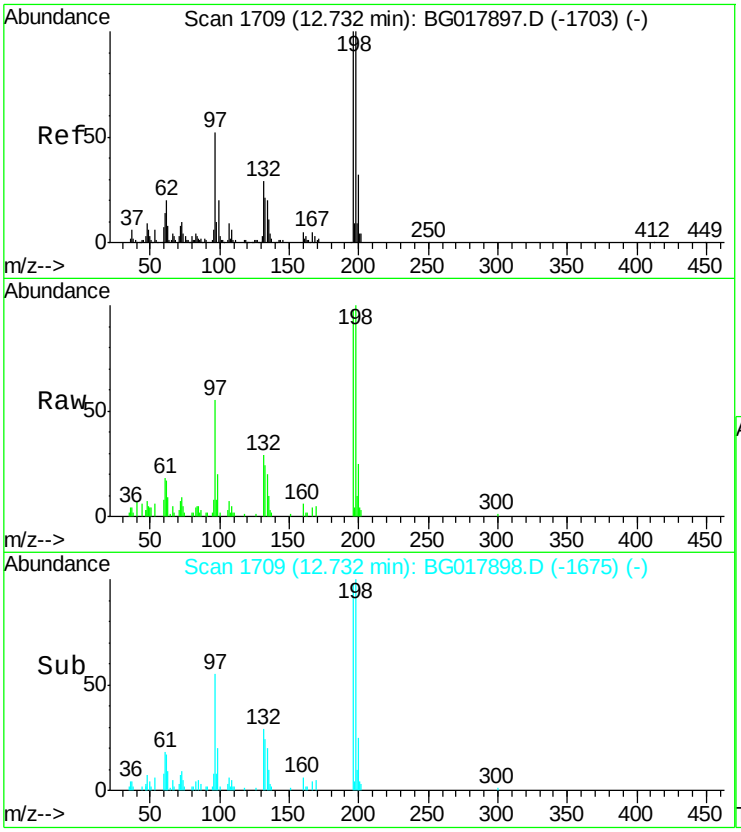


#38
2,4,6-Trichlorophenol
Concen: 5.35 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:196 Resp: 16958

Ion	Ratio	Lower	Upper
196	100		
198	97.2	69.0	103.4
200	28.4	22.2	33.4





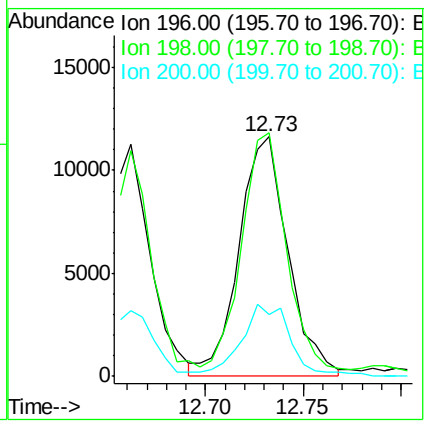
#39
2,4,5-Trichlorophenol
Concen: 5.87 ng/ul
RT: 12.73 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

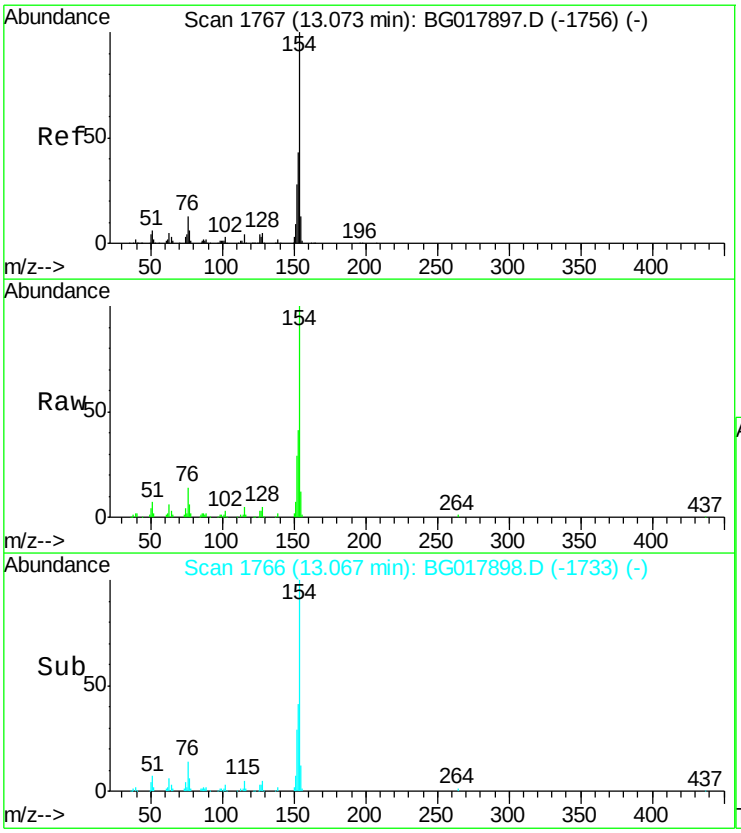
Tgt Ion:196 Resp: 20295

Ion	Ratio	Lower	Upper
196	100		
198	101.6	76.3	114.5
200	25.9	25.4	38.0

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

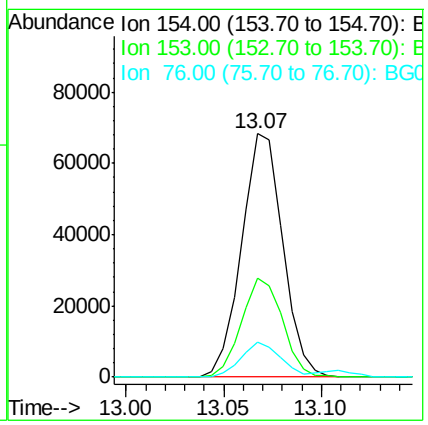


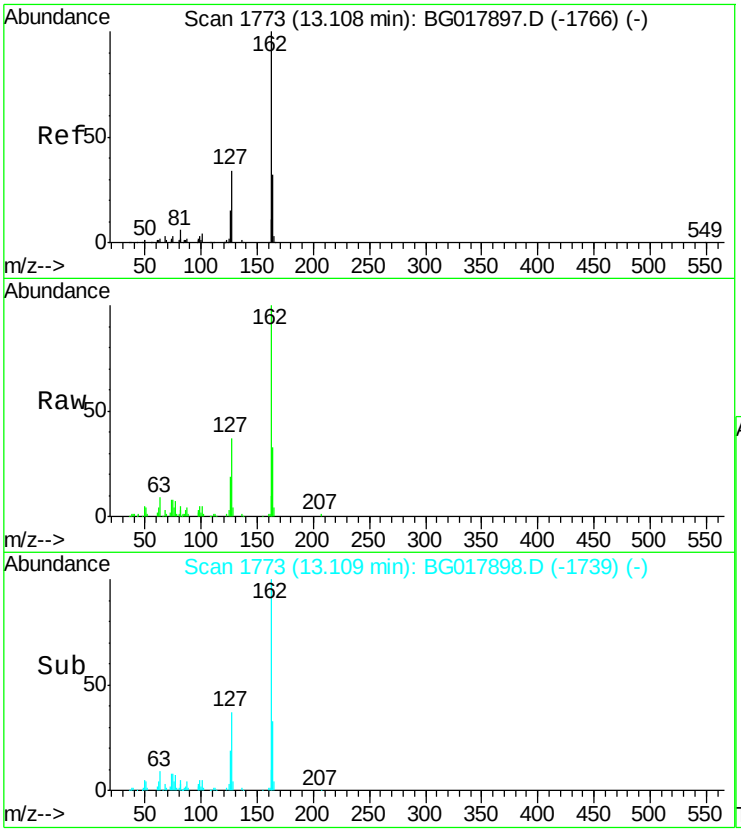


#40
1,1'-Biphenyl
Concen: 5.82 ng/ul
RT: 13.07 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:154 Resp: 100084

Ion	Ratio	Lower	Upper
154	100		
153	40.9	35.0	52.6
76	14.2	14.0	21.0

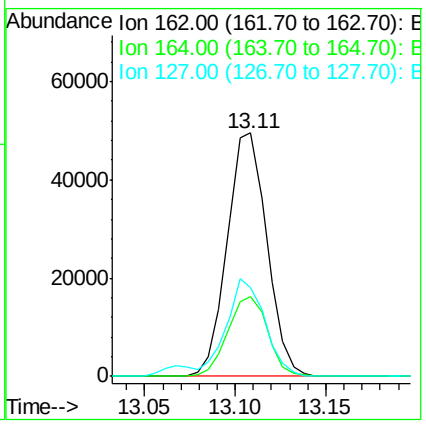




#41
2-Chloronaphthalene
Concen: 5.72 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

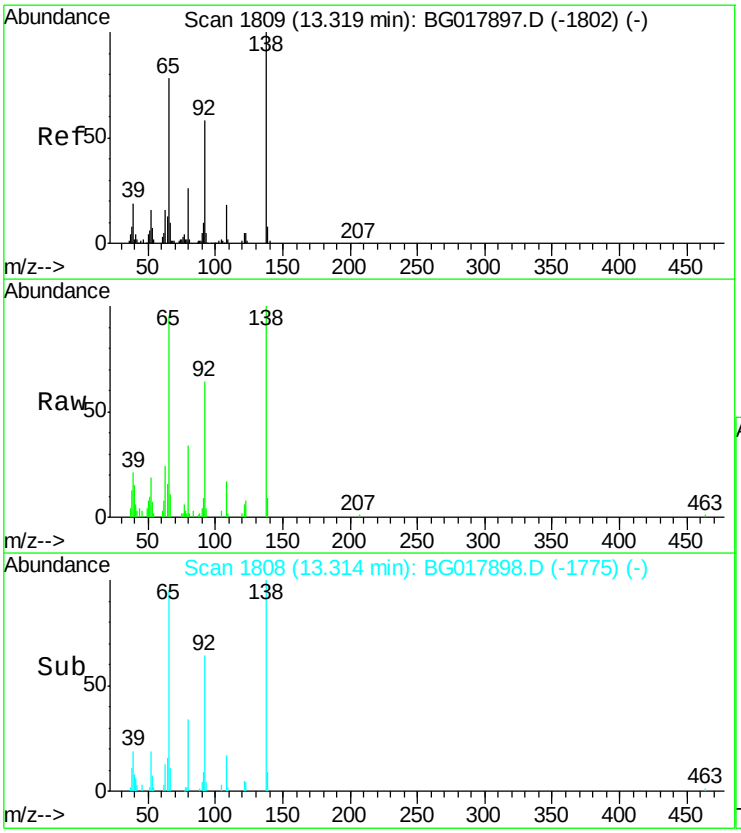
Tgt Ion:162 Resp: 75467

Ion	Ratio	Lower	Upper
162	100		
164	32.9	22.9	34.3
127	36.5	32.7	49.1



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

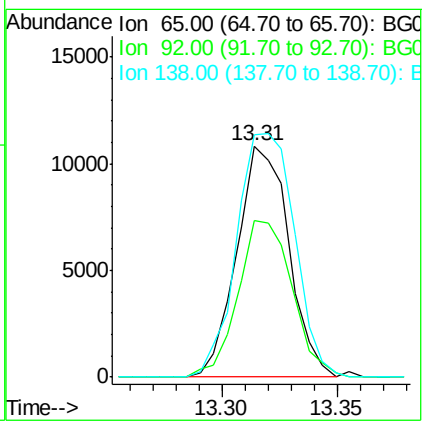
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

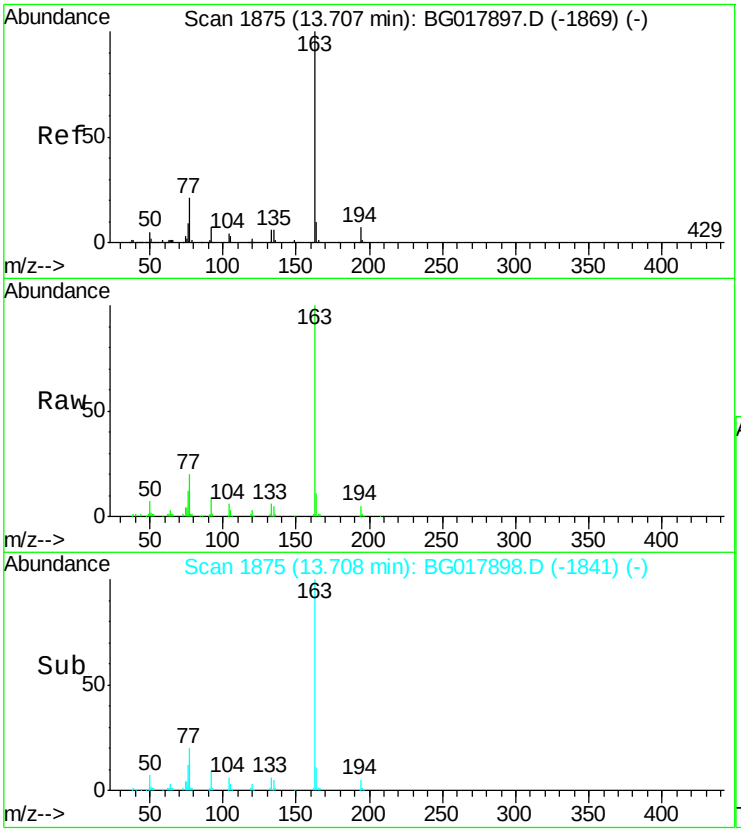


#42
2-Nitroaniline
Concen: 4.38 ng/ul
RT: 13.31 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion: 65 Resp: 16932

Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.7	80.5
138	104.8	81.8	122.8





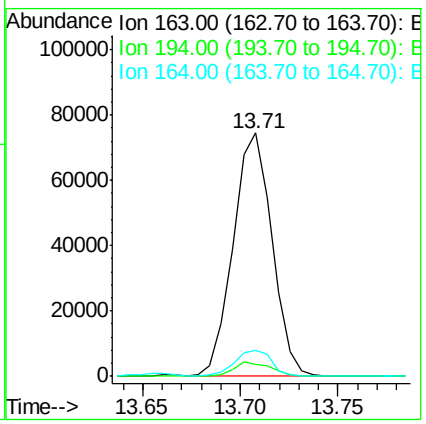
#44
Dimethylphthalate
Concen: 6.32 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

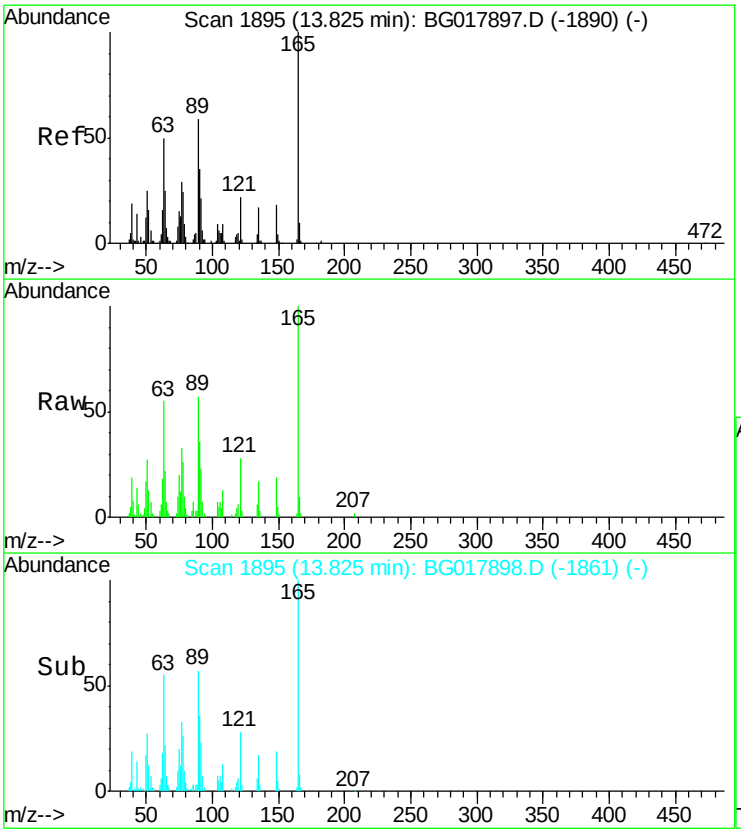
Tgt Ion:163 Resp: 102782

Ion	Ratio	Lower	Upper
163	100		
194	5.1	5.4	8.0#
164	10.7	8.0	12.0

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

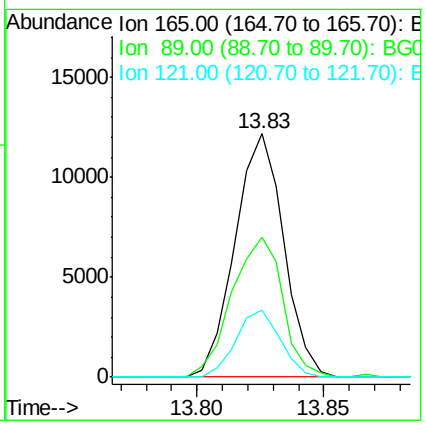


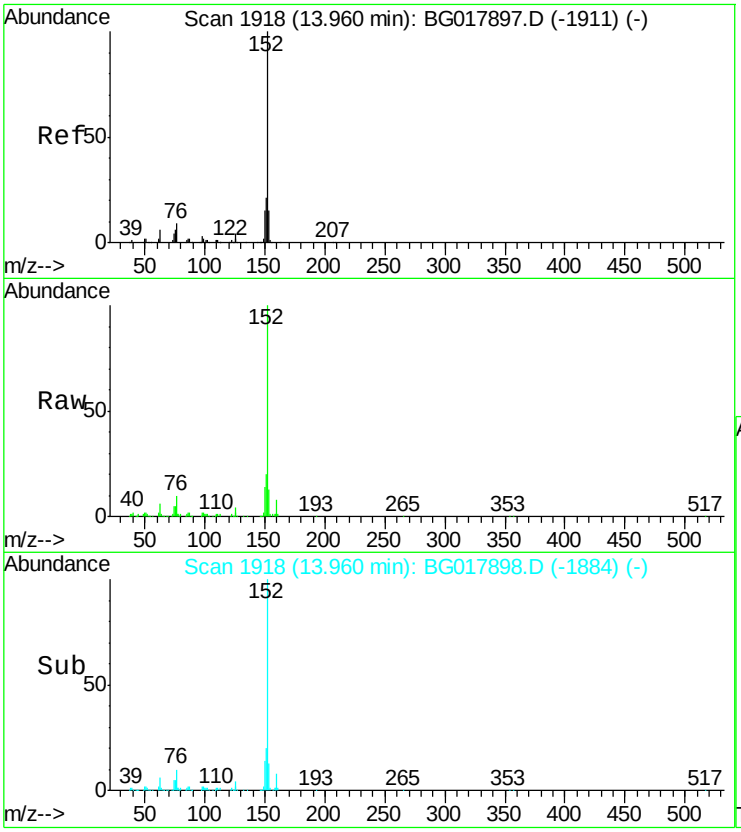


#45
2,6-Dinitrotoluene
Concen: 5.50 ng/ul
RT: 13.83 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:165 Resp: 16292

Ion	Ratio	Lower	Upper
165	100		
89	57.5	55.4	83.2
121	27.6	20.6	30.8

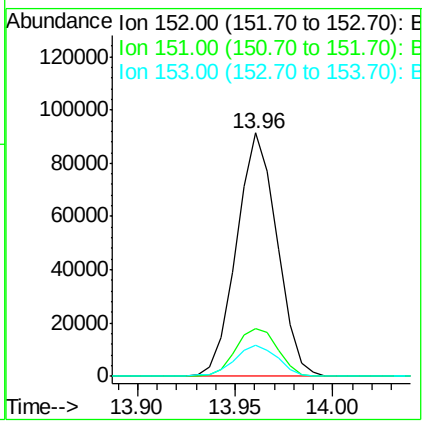




#47
Acenaphthylene
Concen: 5.88 ng/ul
RT: 13.96 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

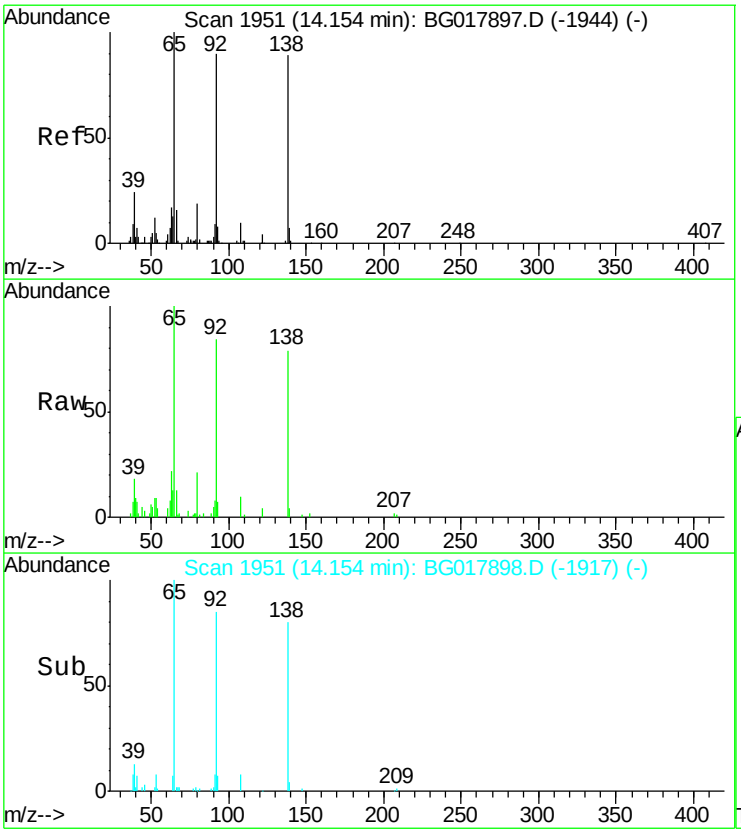
Tgt Ion:152 Resp: 130837

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.9	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

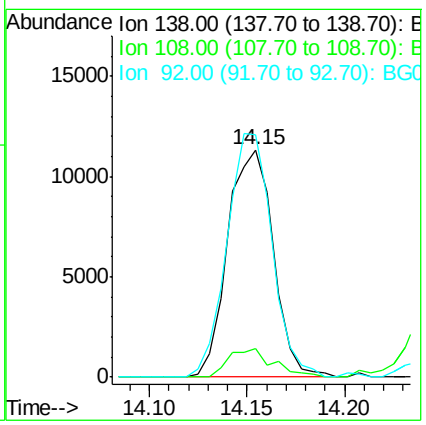
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

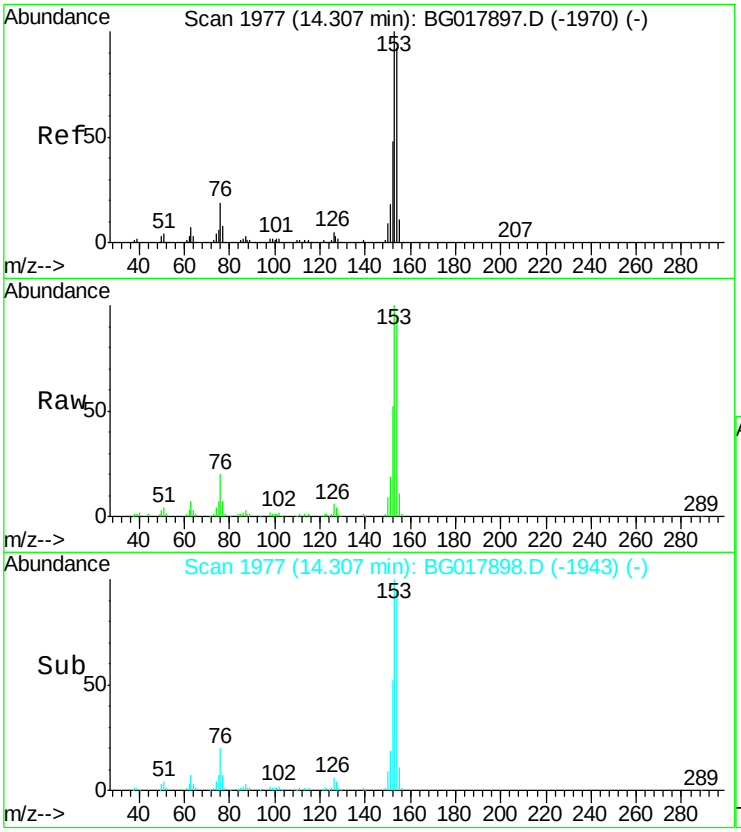


#48
3-Nitroaniline
Concen: 5.43 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:138 Resp: 18352

Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.7	13.1
92	106.7	84.3	126.5

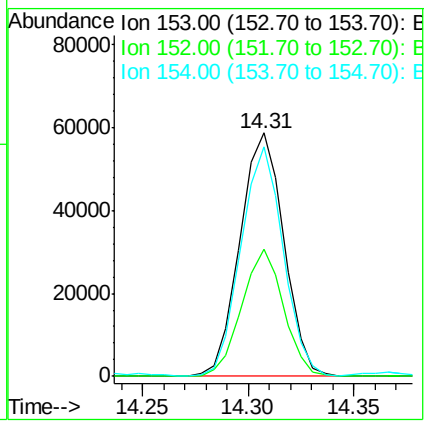




#49
Acenaphthene
Concen: 5.67 ng/ul
RT: 14.31 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

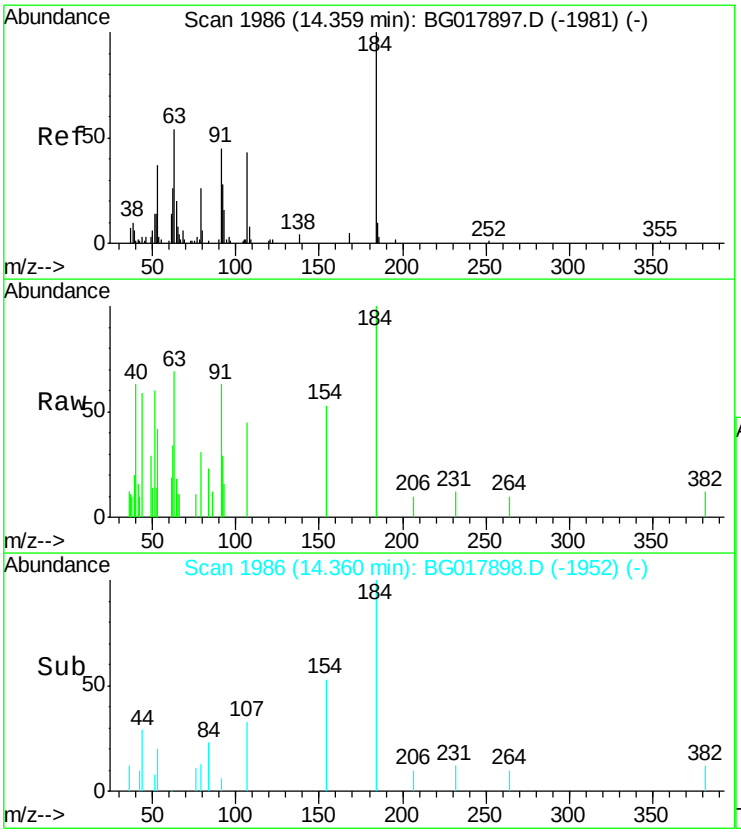
Tgt Ion:153 Resp: 84820

Ion	Ratio	Lower	Upper
153	100		
152	52.2	37.8	56.6
154	94.3	71.0	106.4



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

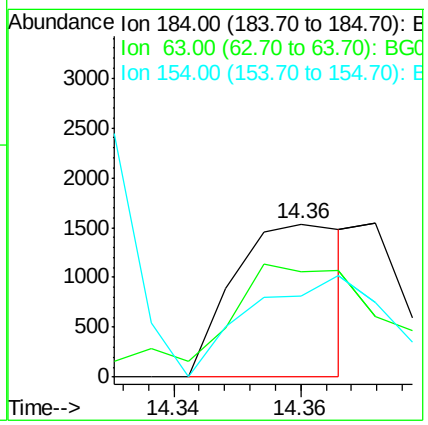
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

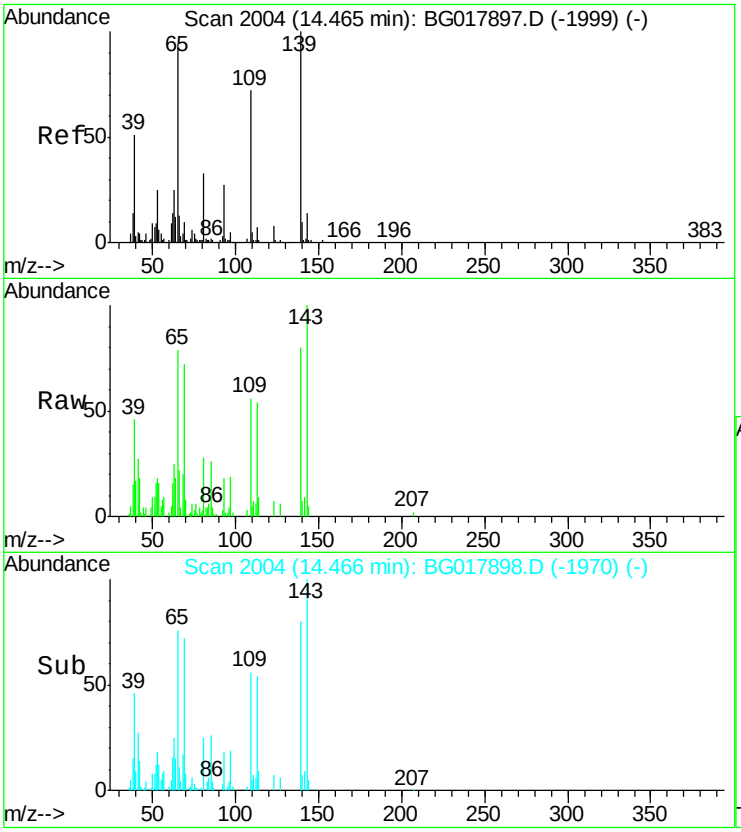


#50
2,4-Dinitrophenol
Concen: 1.51 ng/ul
RT: 14.36 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:184 Resp: 1891

Ion	Ratio	Lower	Upper
184	100		
63	68.6	60.3	90.5
154	52.9	48.7	73.1

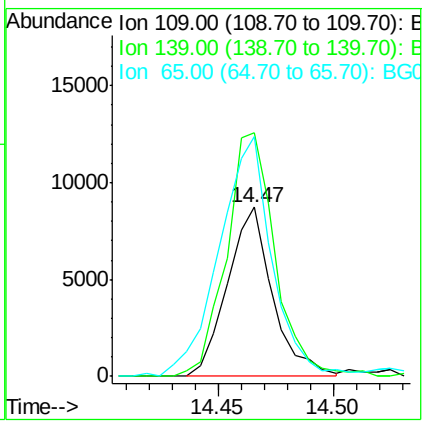




#52
4-Nitrophenol
Concen: 4.81 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

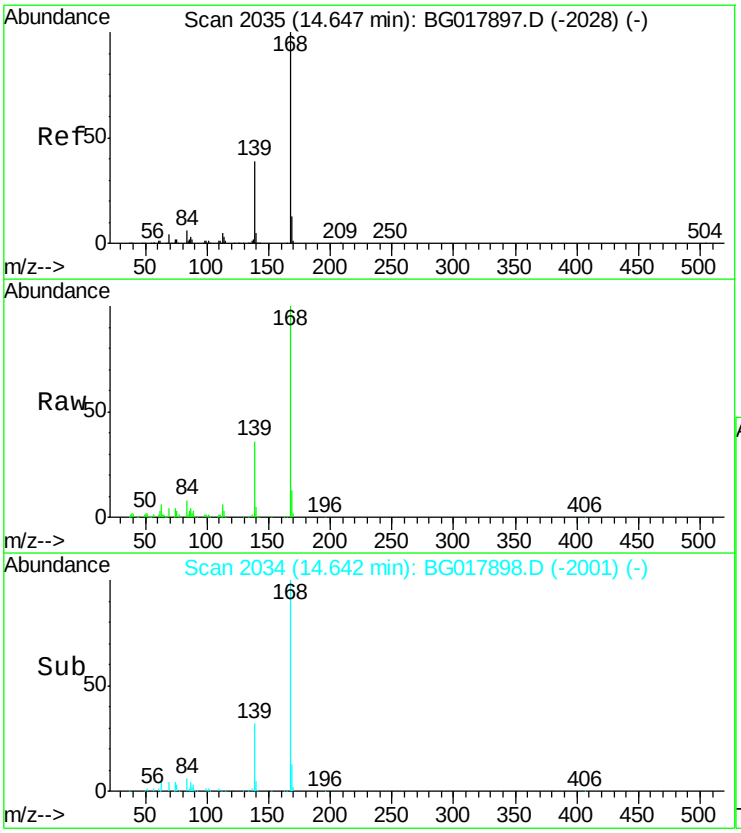
Tgt Ion:109 Resp: 11904

Ion	Ratio	Lower	Upper
109	100		
139	143.8	96.9	145.3
65	141.8	121.1	181.7



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

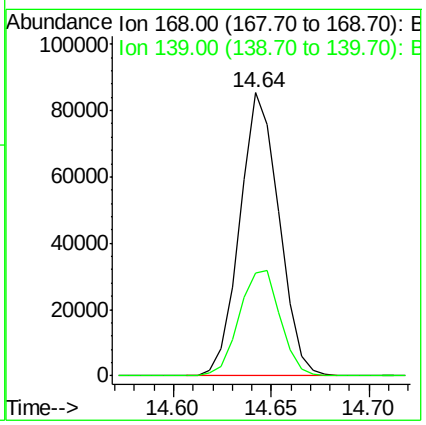
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

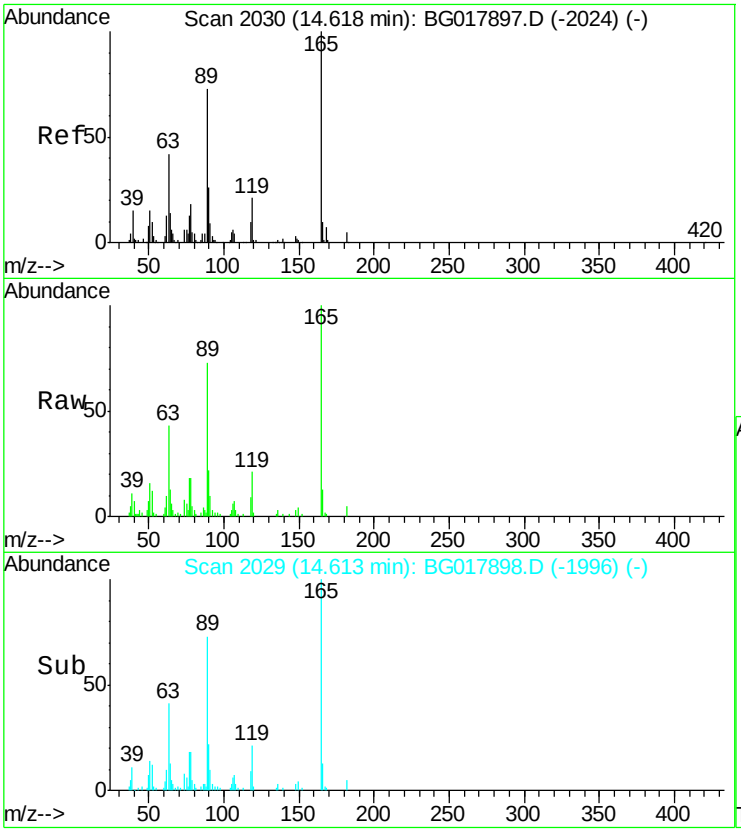


#53
Dibenzofuran
Concen: 6.01 ng/ul
RT: 14.64 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:168 Resp: 118487

Ion	Ratio	Lower	Upper
168	100		
139	36.3	33.6	50.4

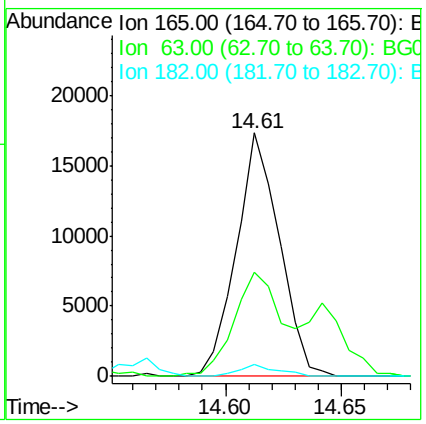




#54
2,4-Dinitrotoluene
Concen: 5.30 ng/ul
RT: 14.61 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

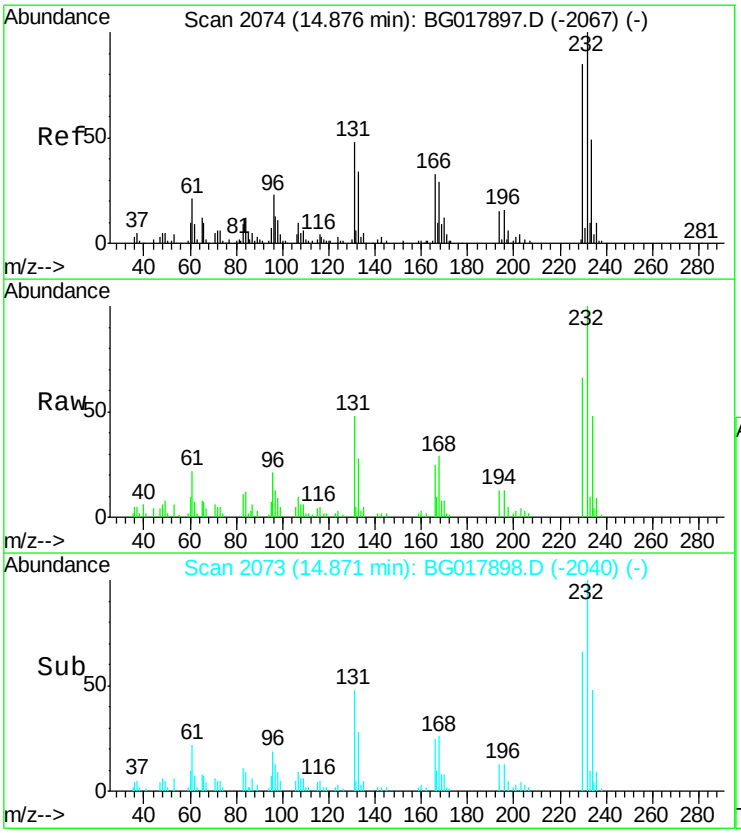
Tgt Ion:165 Resp: 22522

Ion	Ratio	Lower	Upper
165	100		
63	42.5	48.0	72.0#
182	5.0	3.7	5.5



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

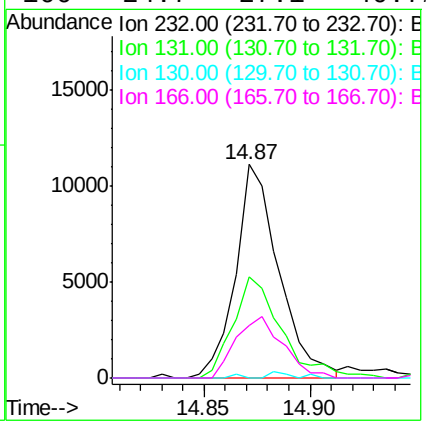
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

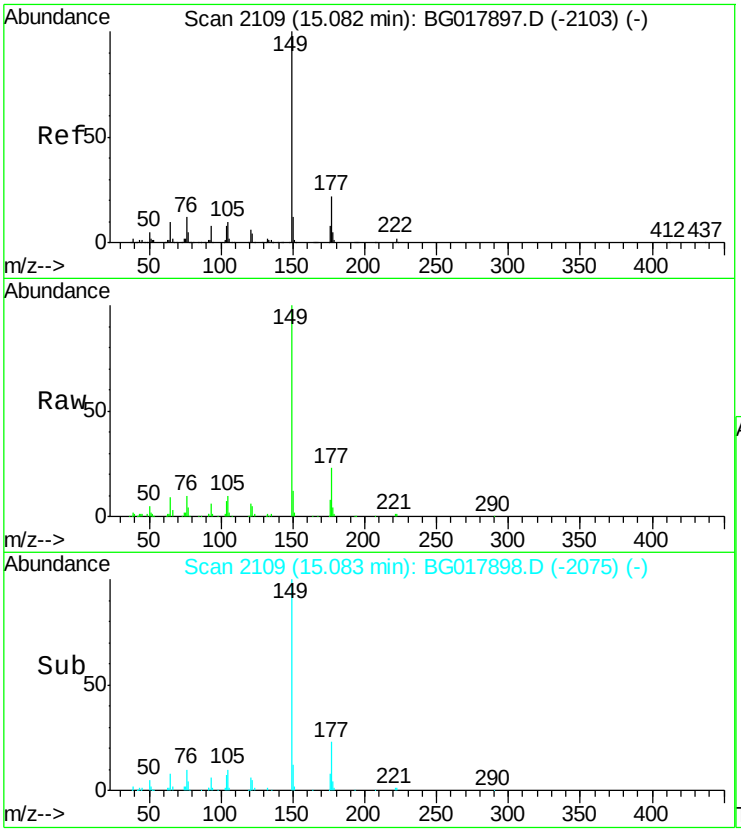


#55
2,3,4,6-Tetrachlorophenol
Concen: 5.94 ng/ul
RT: 14.87 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:232 Resp: 15842

Ion	Ratio	Lower	Upper
232	100		
131	47.7	50.1	75.1#
130	0.0	2.4	3.6#
166	24.7	27.1	40.7#

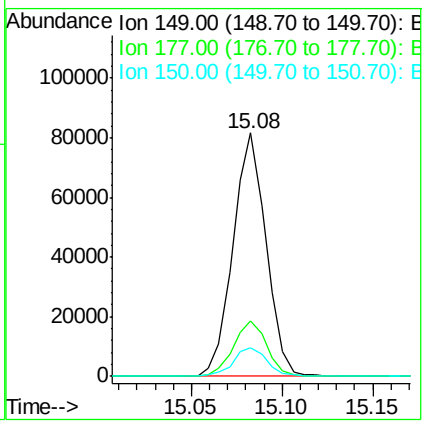




#56
Diethylphthalate
Concen: 6.16 ng/ul
RT: 15.08 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

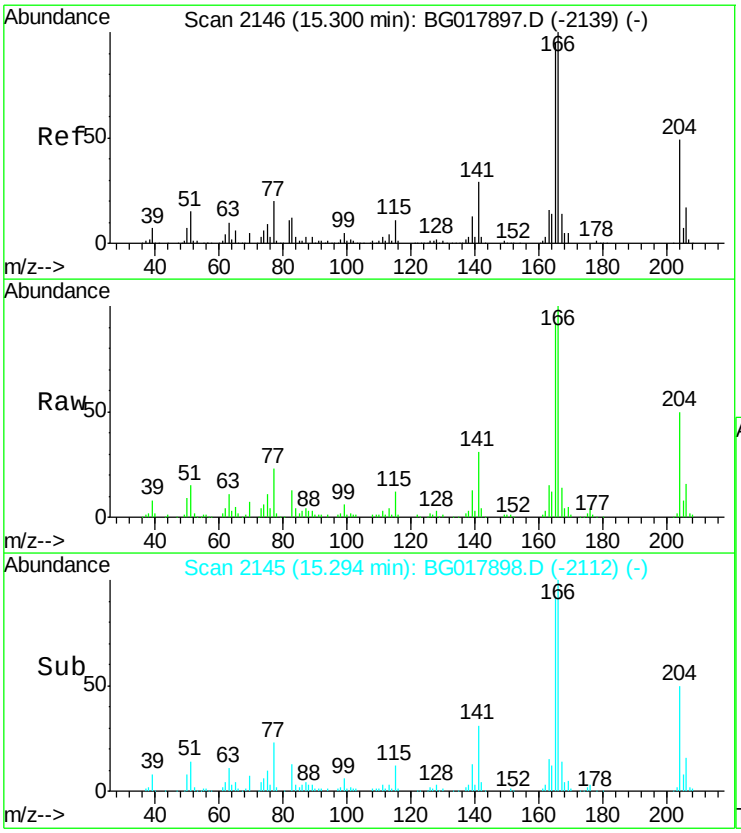
Tgt Ion:149 Resp: 103174

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.5	26.3
150	12.0	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

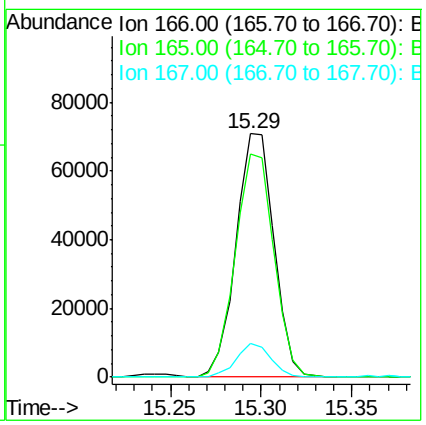
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

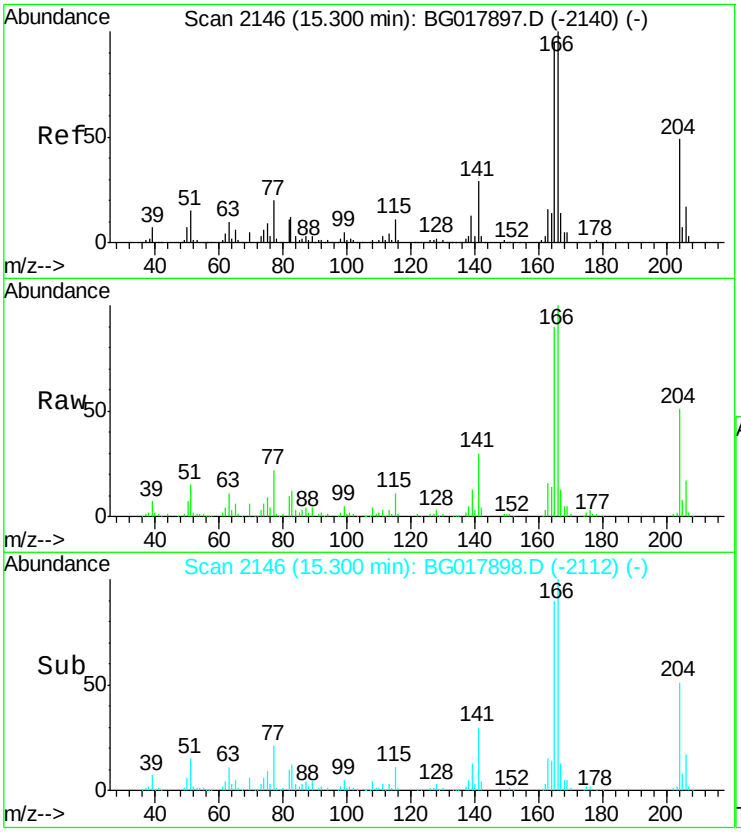


#58
Fluorene
Concen: 6.04 ng/ul
RT: 15.29 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:166 Resp: 103400

Ion	Ratio	Lower	Upper
166	100		
165	91.8	73.3	109.9
167	13.7	11.0	16.4





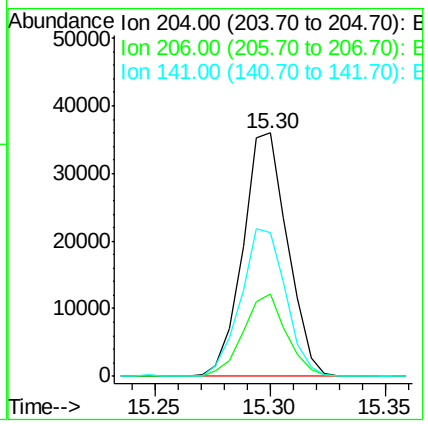
#59
4-Chlorophenyl-phenylether
Concen: 6.11 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

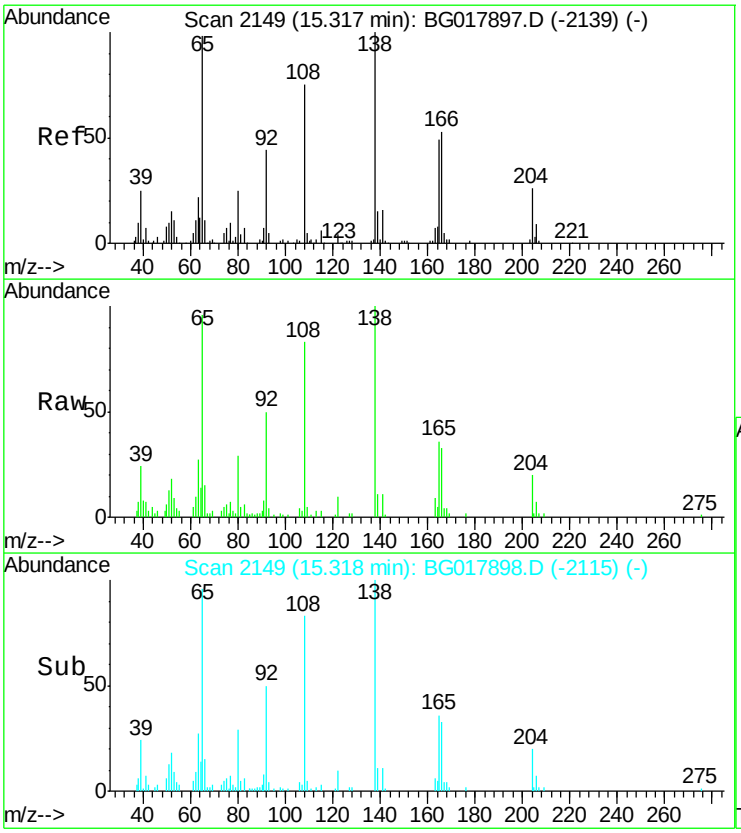
Tgt Ion:204 Resp: 48541

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.7	38.5
141	59.2	52.5	78.7

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

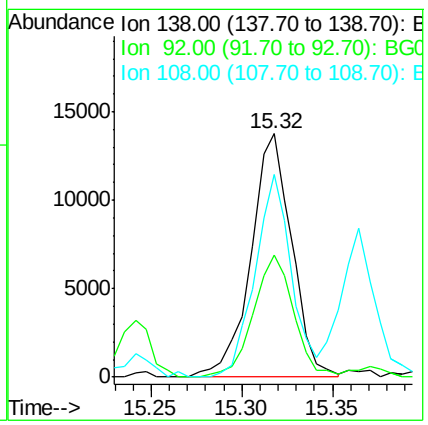


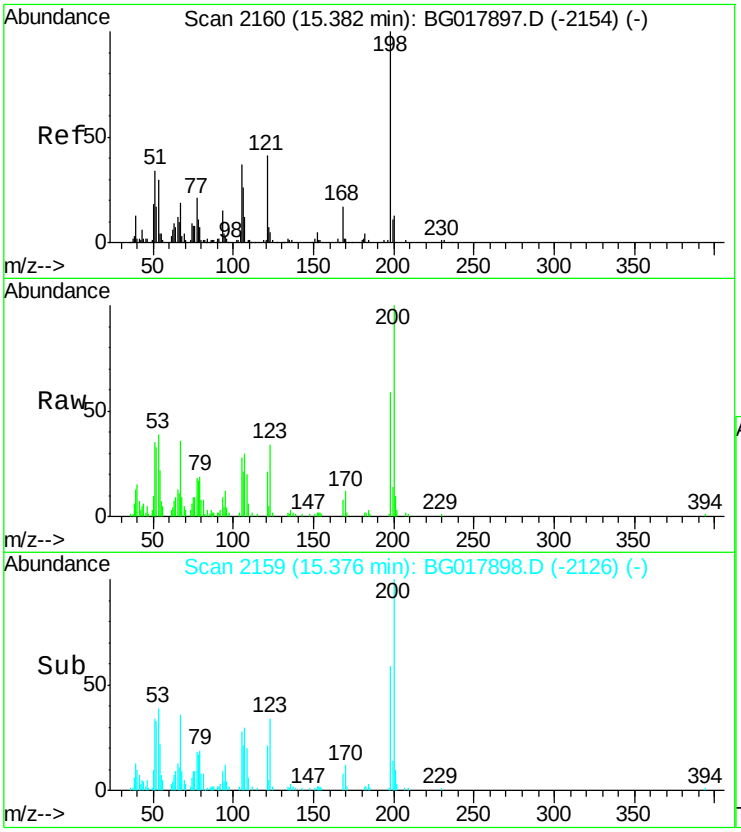


#60
4-Nitroaniline
Concen: 5.35 ng/ul
RT: 15.32 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:138 Resp: 21523

Ion	Ratio	Lower	Upper
138	100		
92	50.4	38.6	58.0
108	83.3	62.0	93.0





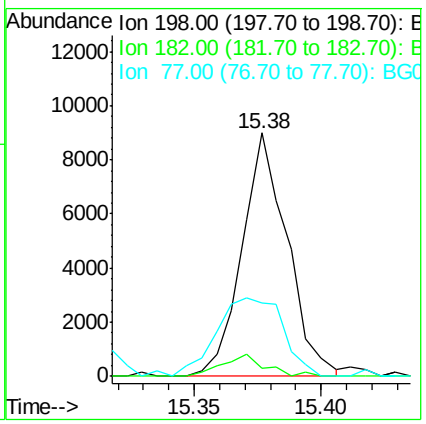
#63
4,6-Dinitro-2-methylphenol
Concen: 4.56 ng/ul
RT: 15.38 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

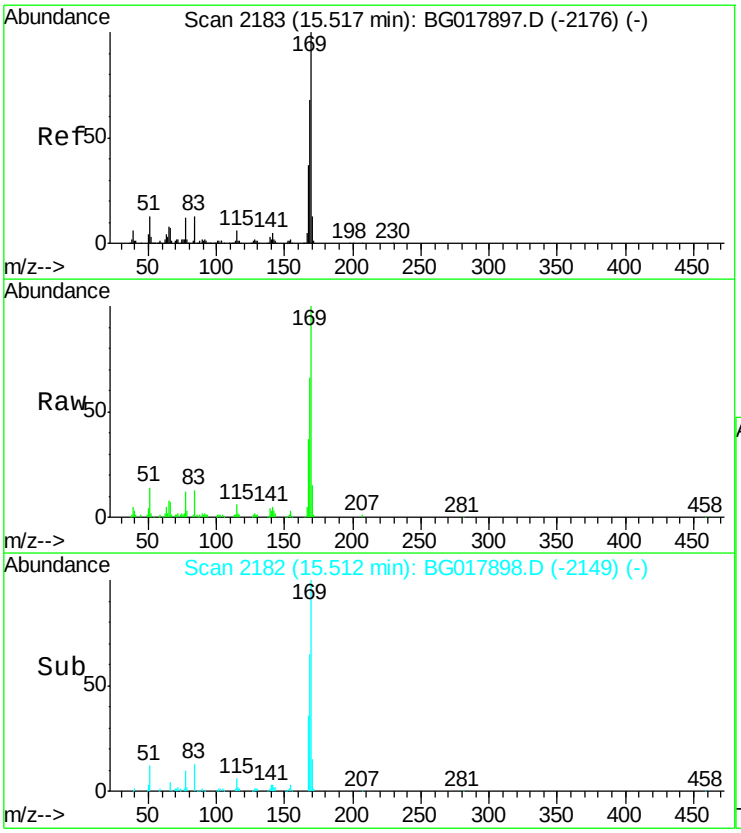
Tgt Ion:198 Resp: 11177

Ion	Ratio	Lower	Upper
198	100		
182	3.3	3.8	5.8#
77	30.4	25.8	38.6

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

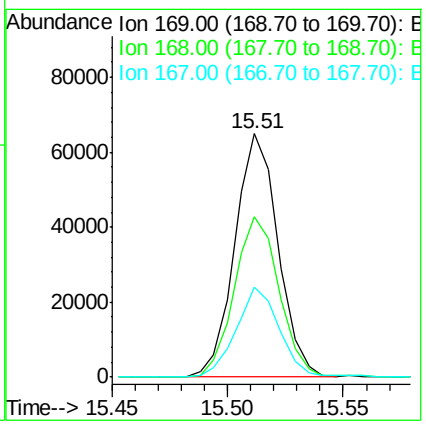


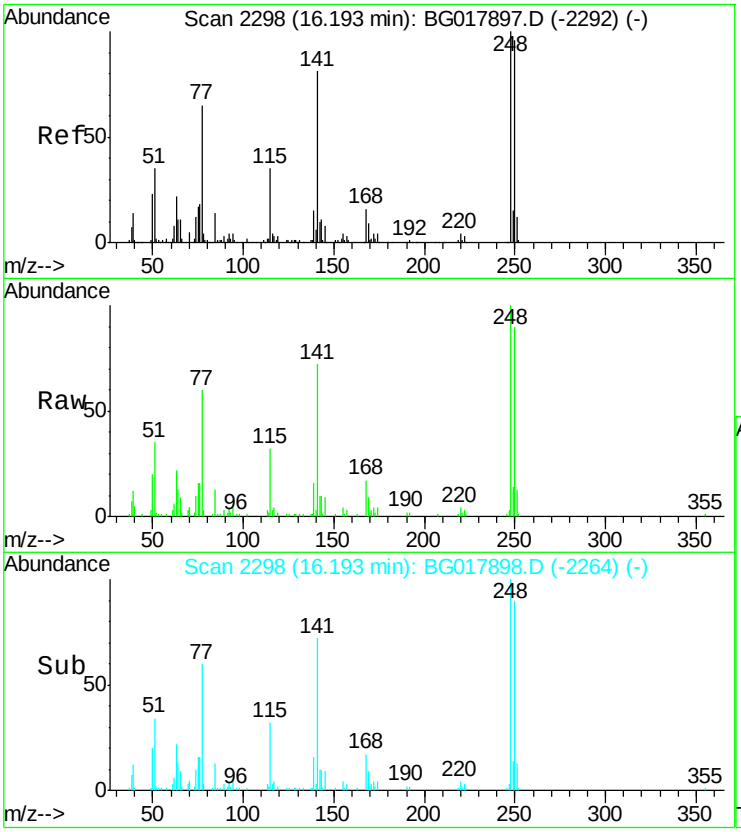


#64
N-Nitrosodiphenylamine
Concen: 5.93 ng/ul
RT: 15.51 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:169 Resp: 84814

Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.7	80.5
167	36.9	29.8	44.8





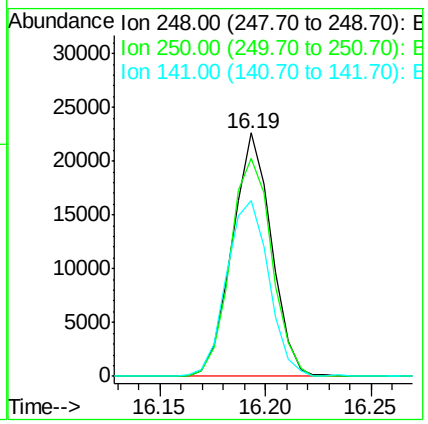
#65
4-Bromophenyl-phenylether
Concen: 6.48 ng/ul
RT: 16.19 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

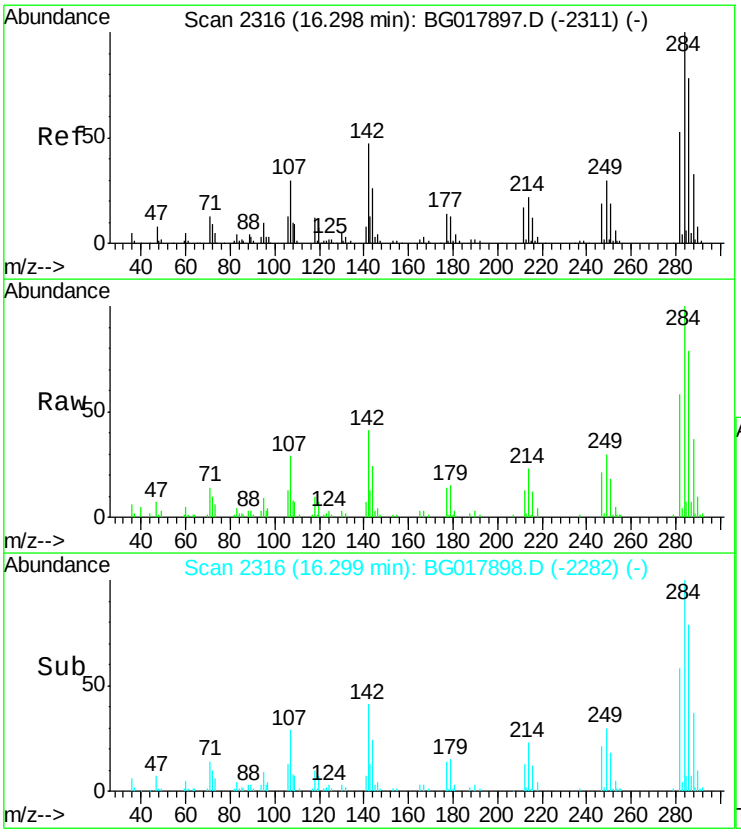
Tgt Ion:248 Resp: 29176

Ion	Ratio	Lower	Upper
248	100		
250	89.8	81.8	122.6
141	72.2	77.6	116.4#

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

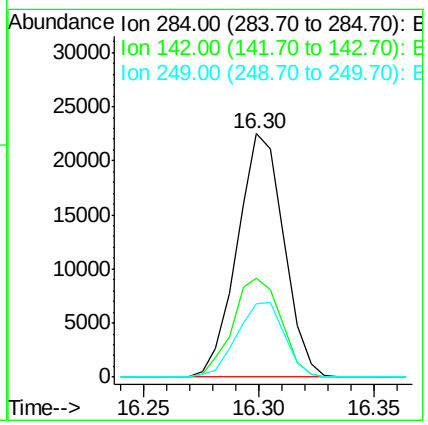


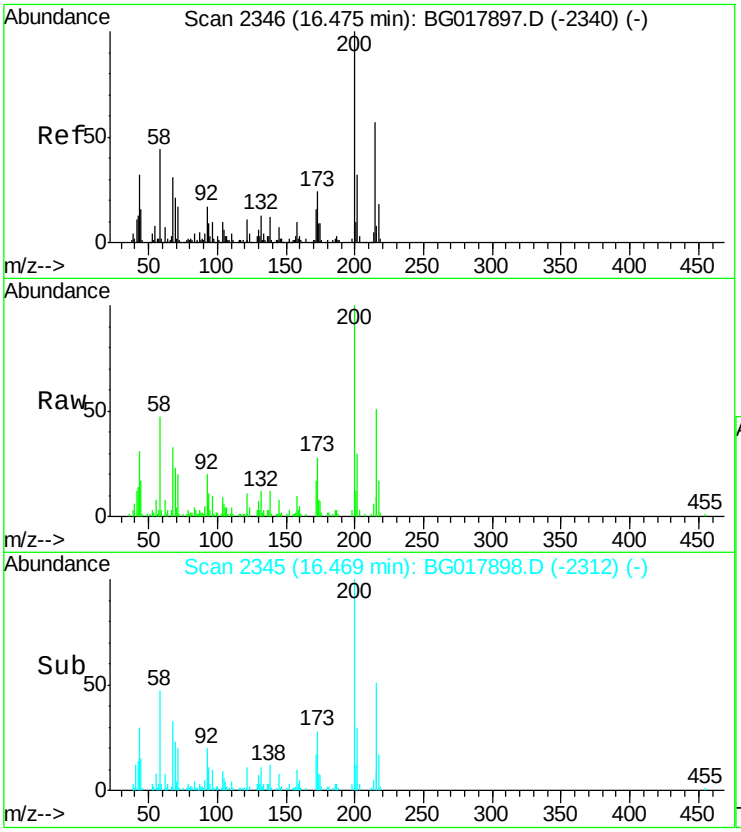


#66
Hexachlorobenzene
Concen: 6.46 ng/ul
RT: 16.30 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:284 Resp: 31607

Ion	Ratio	Lower	Upper
284	100		
142	37.9	41.8	62.6#
249	28.2	23.3	34.9

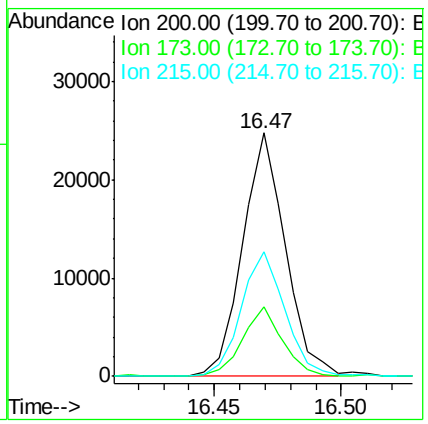




#67
Atrazine
Concen: 5.94 ng/ul
RT: 16.47 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

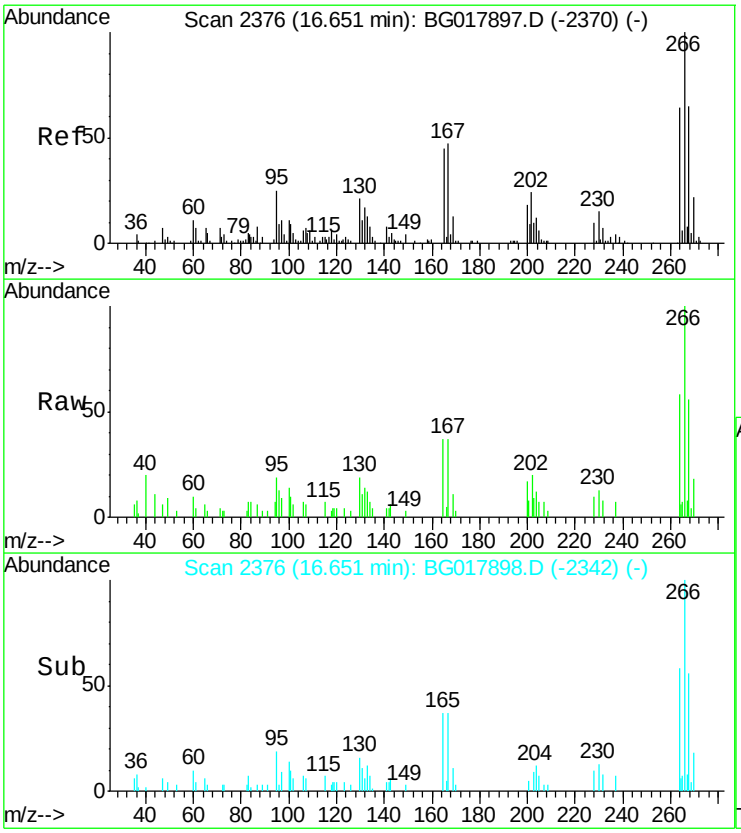
Tgt Ion:200 Resp: 29146

Ion	Ratio	Lower	Upper
200	100		
173	28.3	20.6	30.8
215	51.0	40.0	60.0



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

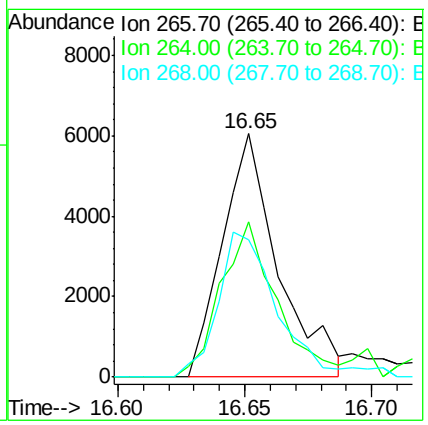
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

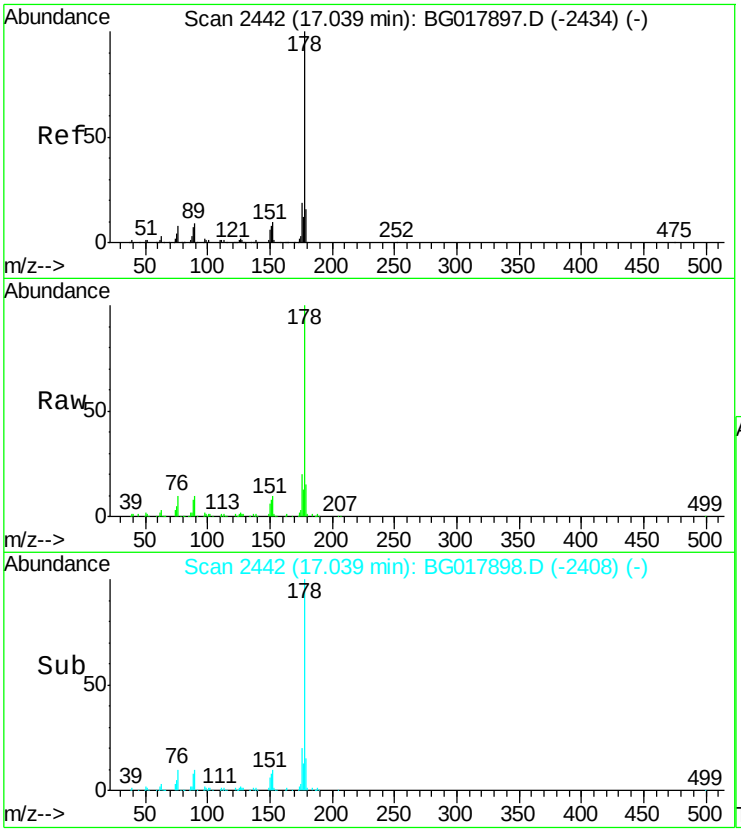


#68
Pentachlorophenol
Concen: 3.80 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:266 Resp: 9219

Ion	Ratio	Lower	Upper
266	100		
264	63.8	52.0	78.0
268	56.4	57.3	85.9#

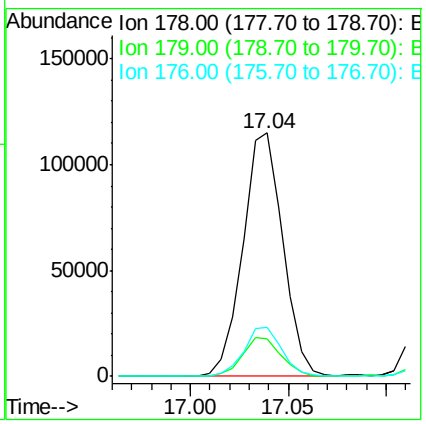




#69
Phenanthrene
Concen: 6.29 ng/ul
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

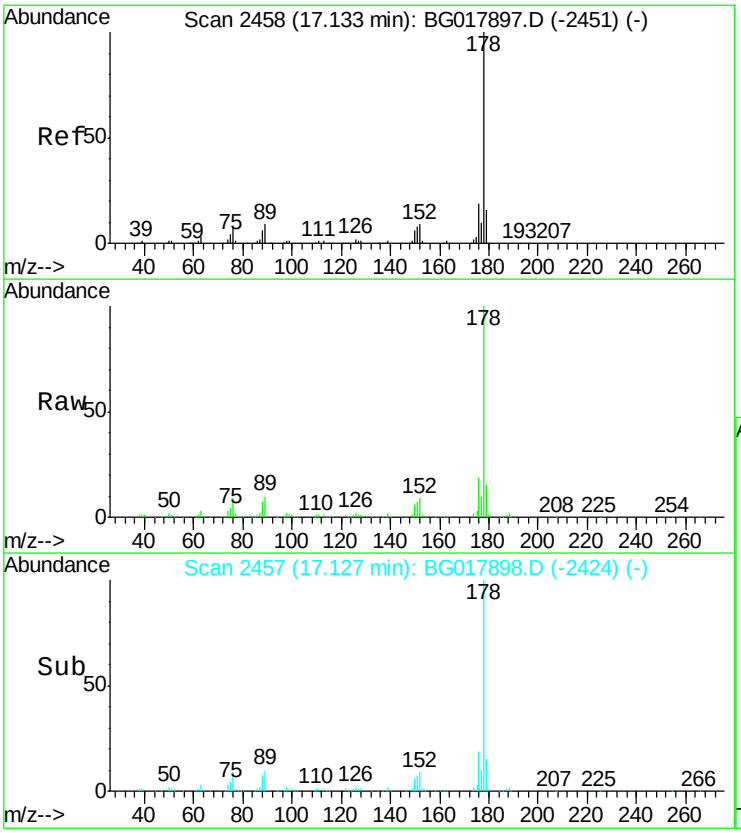
Tgt Ion:178 Resp: 163170

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	20.3	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

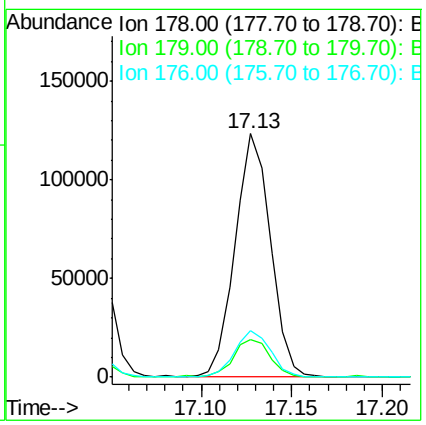
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

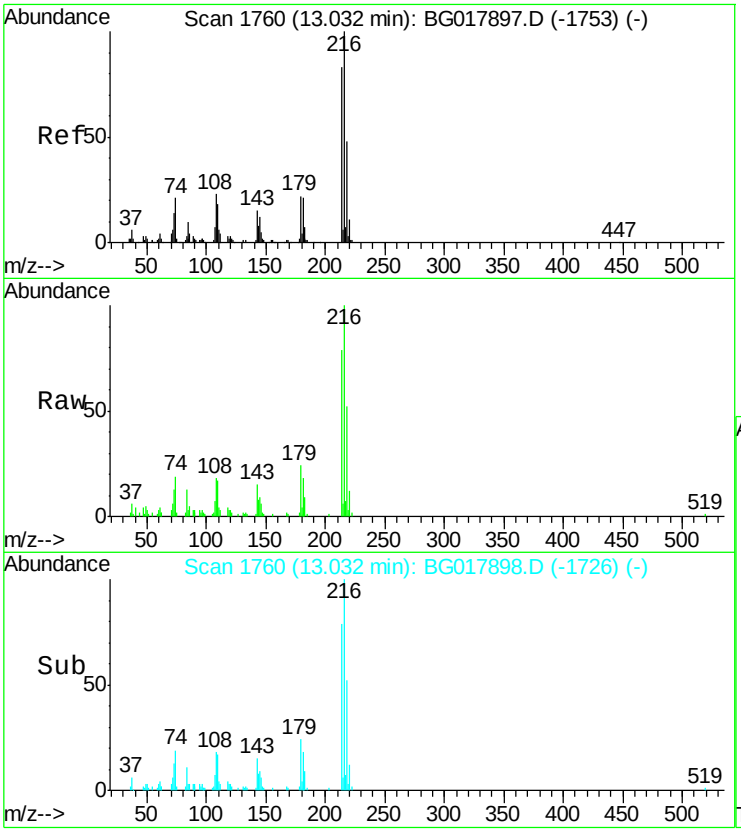


#71
Anthracene
Concen: 6.28 ng/ul
RT: 17.13 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:178 Resp: 166771

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.9	16.5	24.7

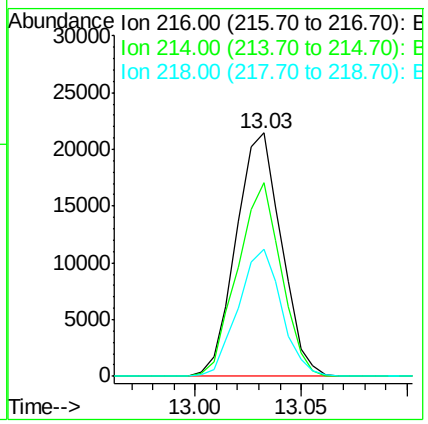




#72
1,2,3,4-Tetrachlorobenzene
Concen: 5.34 ng/uL
RT: 13.03 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

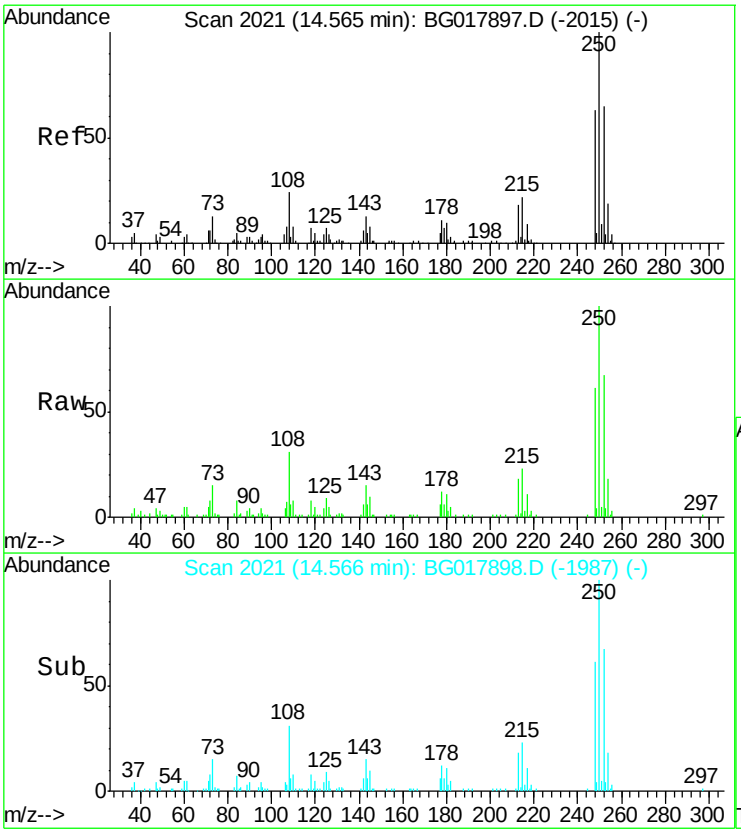
Tgt Ion:216 Resp: 31926

Ion	Ratio	Lower	Upper
216	100		
214	79.4	59.0	88.6
218	52.1	35.8	53.6



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

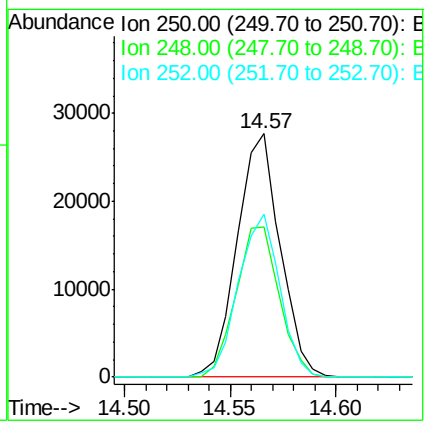
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

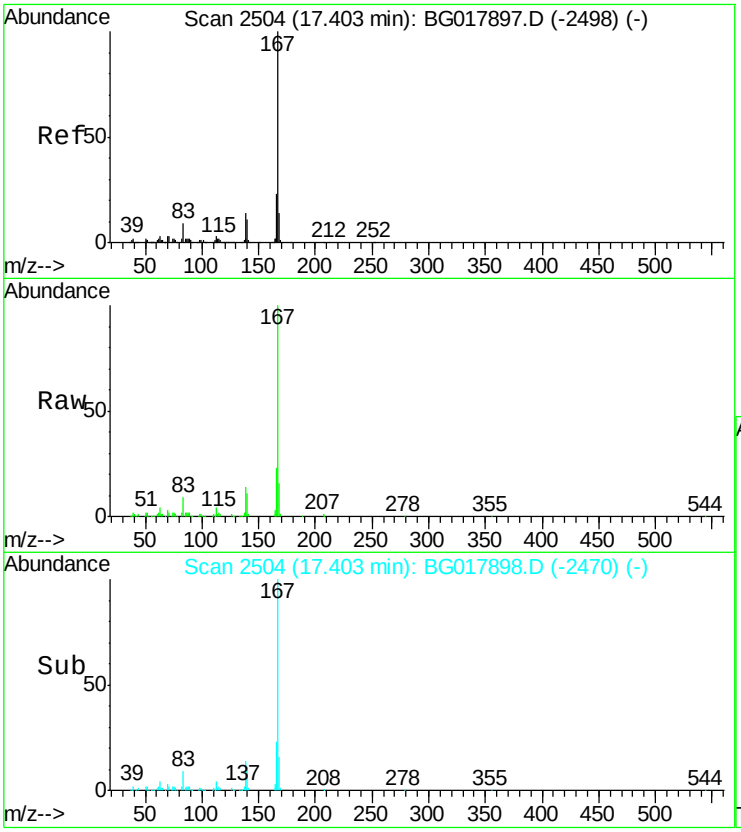


#73
Pentachlorobenzene
Concen: 6.83 ng/uL
RT: 14.57 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:250 Resp: 39149

Ion	Ratio	Lower	Upper
250	100		
248	61.5	48.8	73.2
252	66.9	48.2	72.2





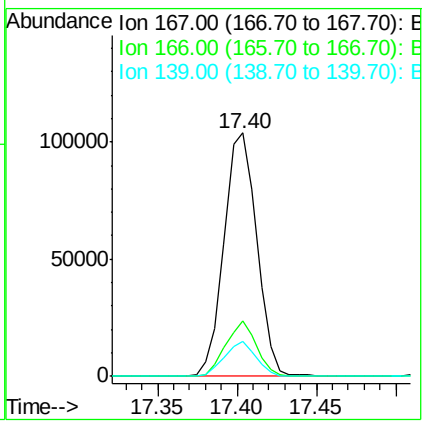
#74
Carbazole
Concen: 6.43 ng/ul
RT: 17.40 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

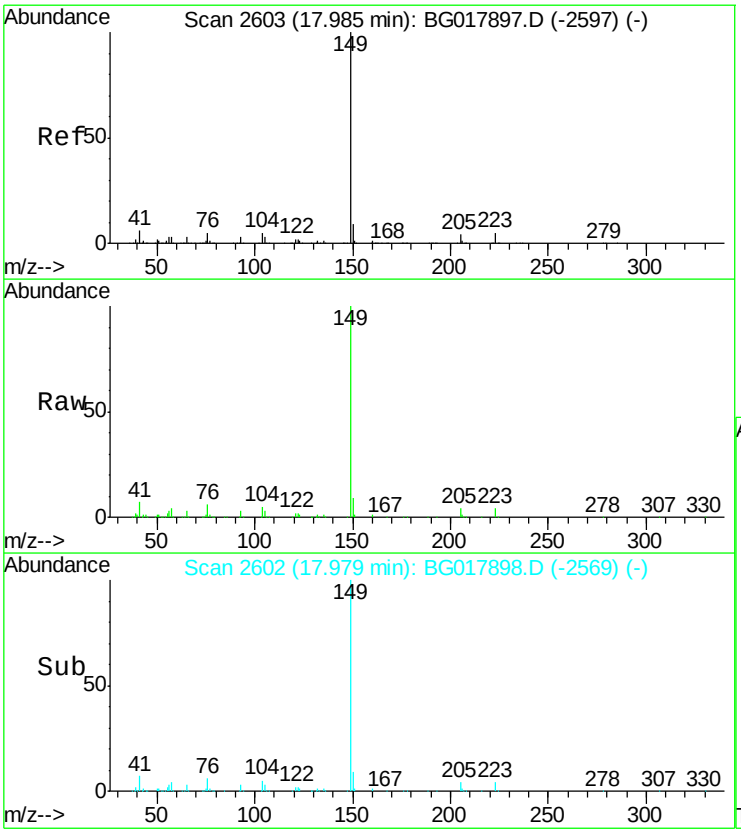
Tgt Ion:167 Resp: 148959

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.8
139	14.4	11.4	17.2

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

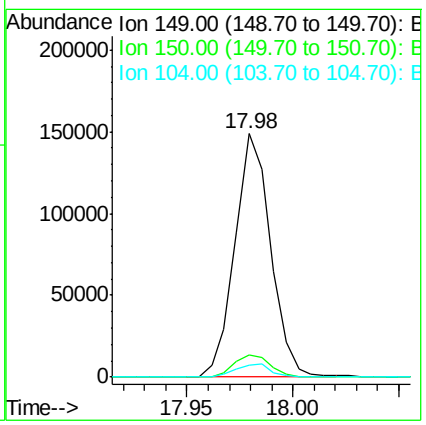


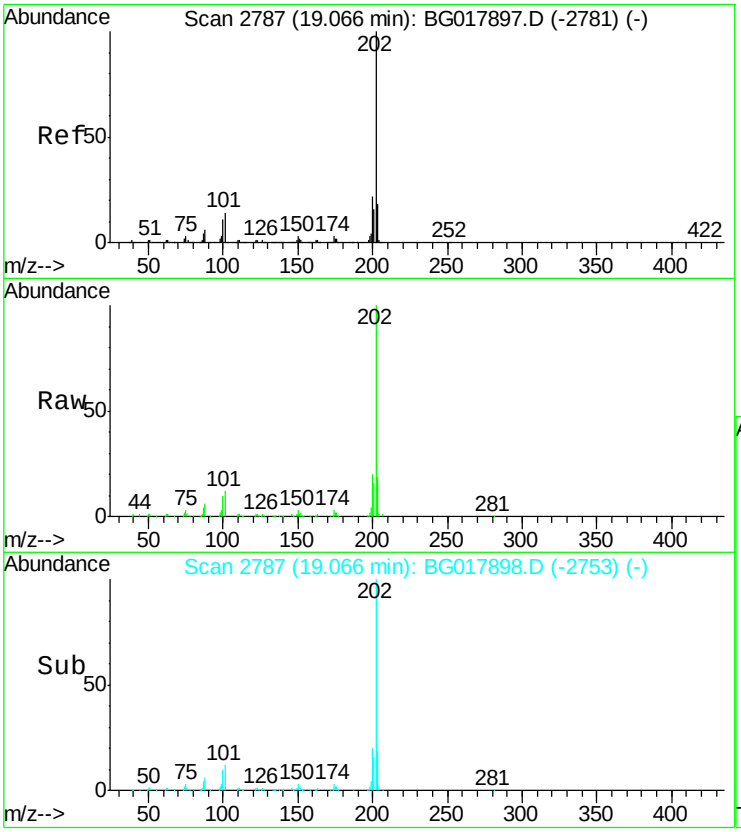


#75
Di-n-butylphthalate
Concen: 6.03 ng/ul
RT: 17.98 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:149 Resp: 175091

Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.2	12.2
104	5.1	5.4	8.2#

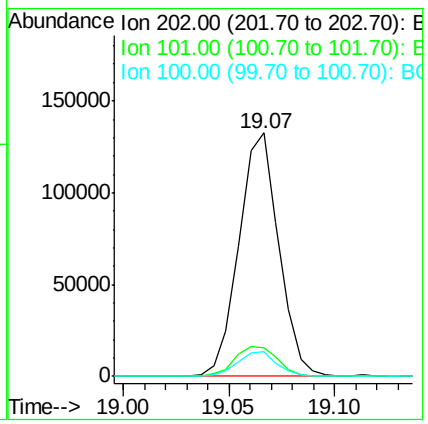




#76
Fluoranthene
Concen: 6.59 ng/ul
RT: 19.07 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

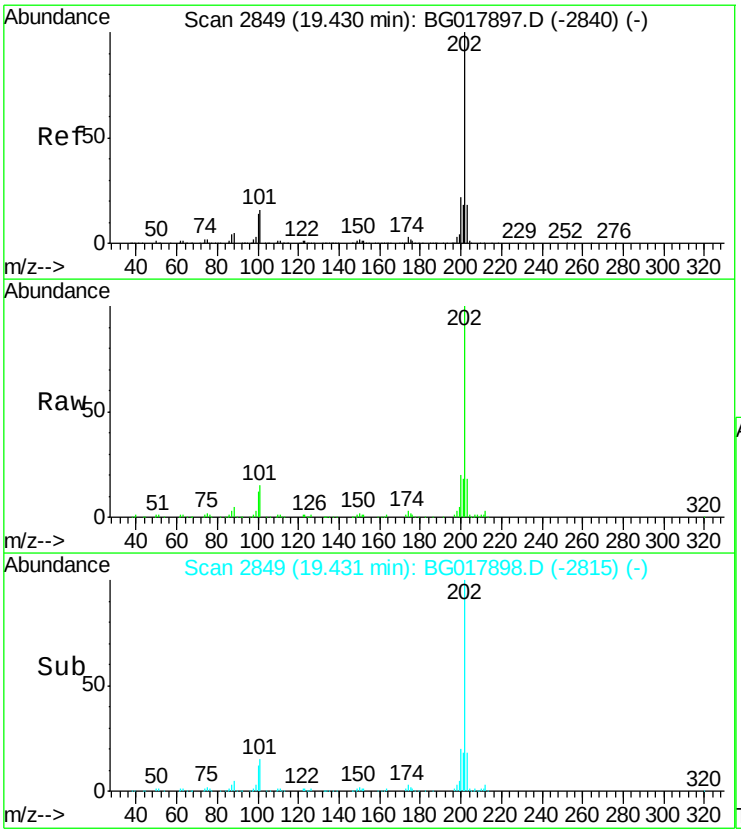
Tgt Ion:202 Resp: 173465

Ion	Ratio	Lower	Upper
202	100		
101	11.6	12.3	18.5#
100	10.0	9.2	13.8



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

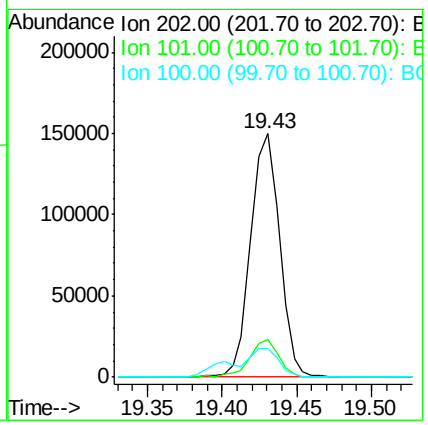
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

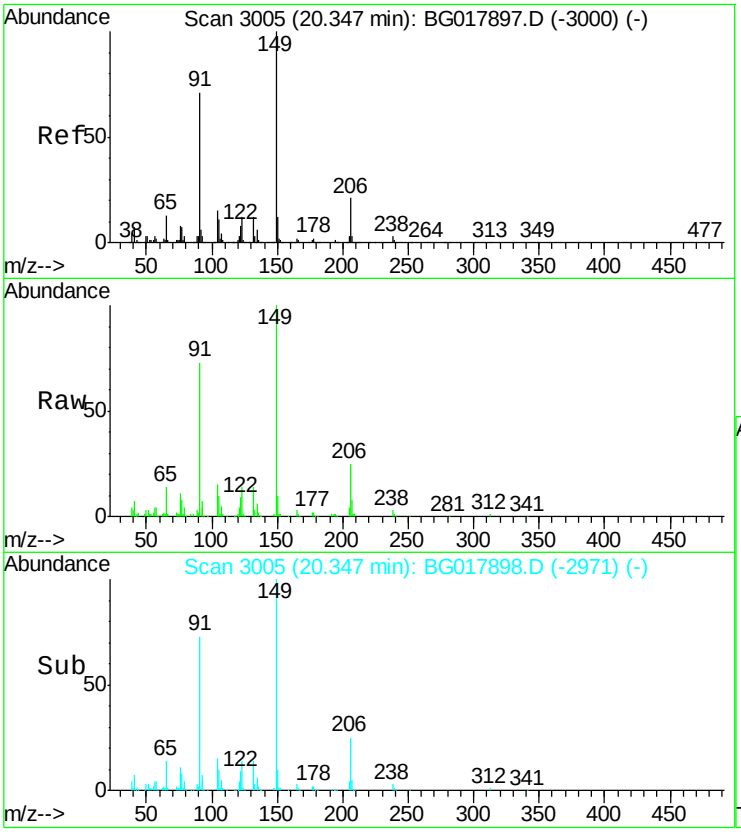


#79
Pyrene
Concen: 6.91 ng/ul
RT: 19.43 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:202 Resp: 201431

Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.8	20.6
100	11.8	11.2	16.8





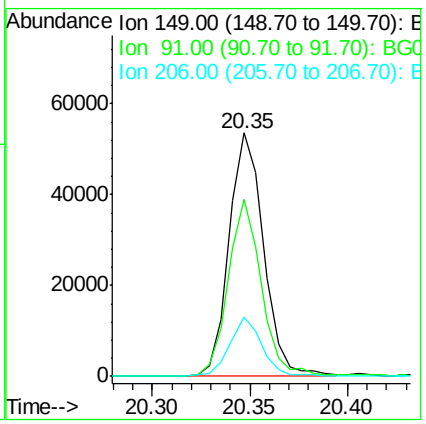
#80
Butylbenzylphthalate
Concen: 5.59 ng/ul
RT: 20.35 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

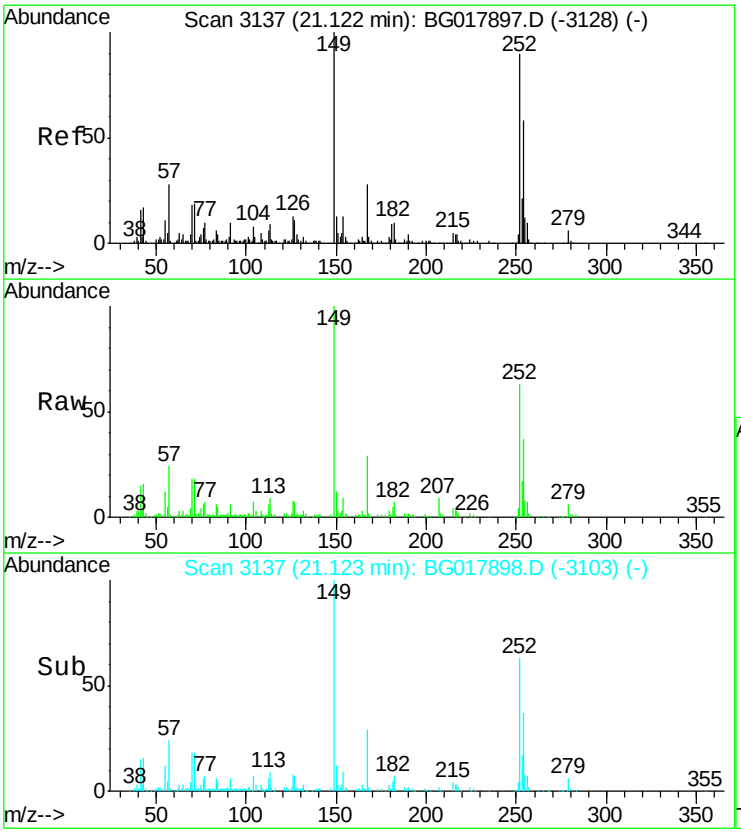
Tgt Ion:149 Resp: 65898

Ion	Ratio	Lower	Upper
149	100		
91	73.0	64.3	96.5
206	24.6	15.3	22.9#

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

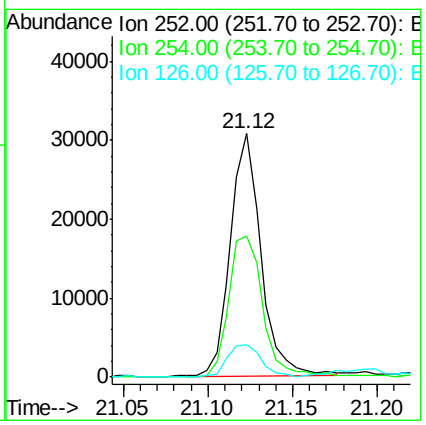


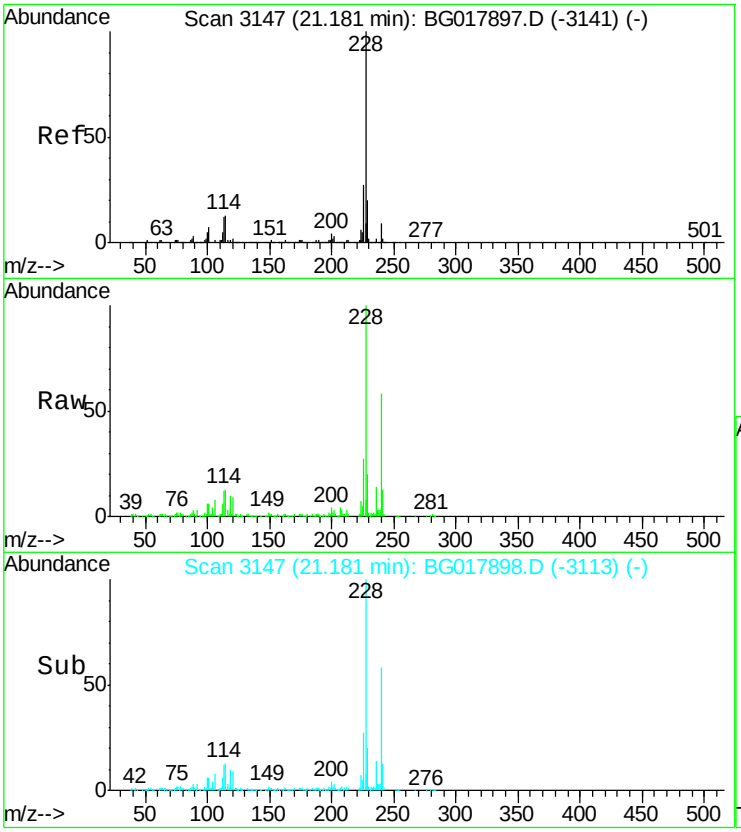


#81
3,3'-Dichlorobenzidine
Concen: 5.47 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:252 Resp: 38801

Ion	Ratio	Lower	Upper
252	100		
254	58.2	54.2	81.2
126	13.3	13.3	19.9#

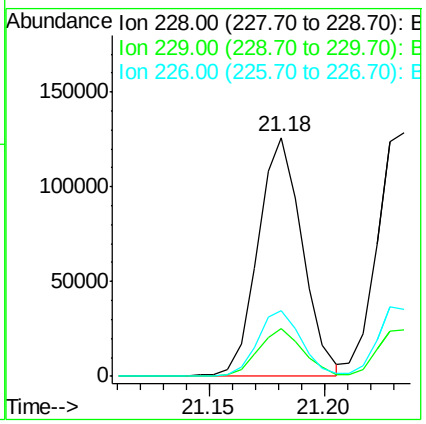




#82
Benzo(a)anthracene
Concen: 6.42 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

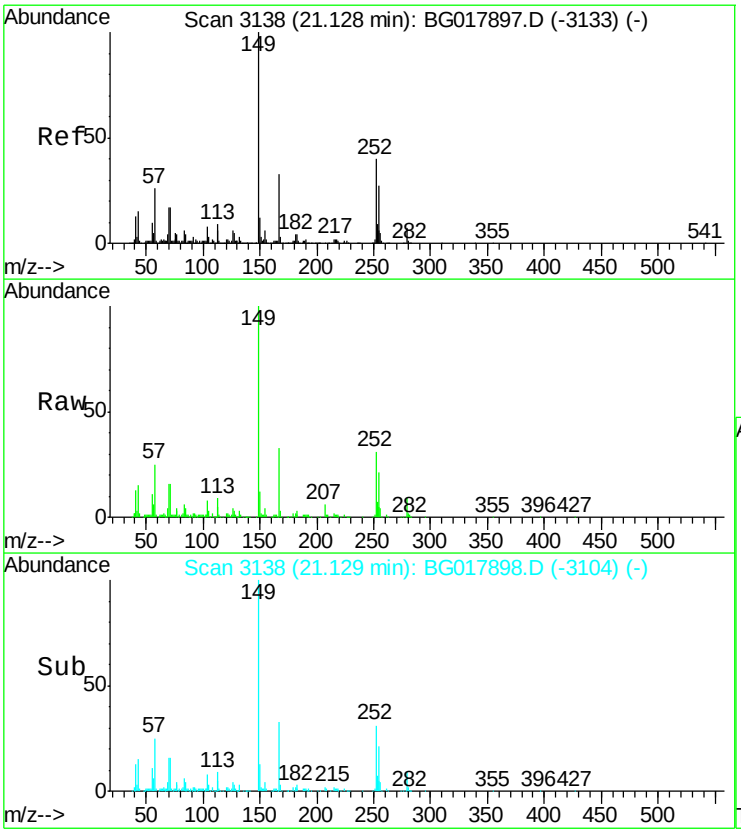
Tgt Ion:228 Resp: 167950

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.5	24.7
226	27.5	22.0	33.0



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

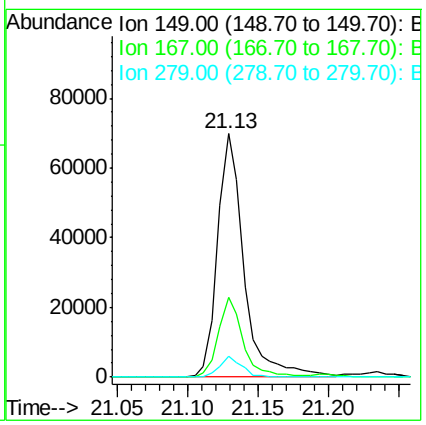
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

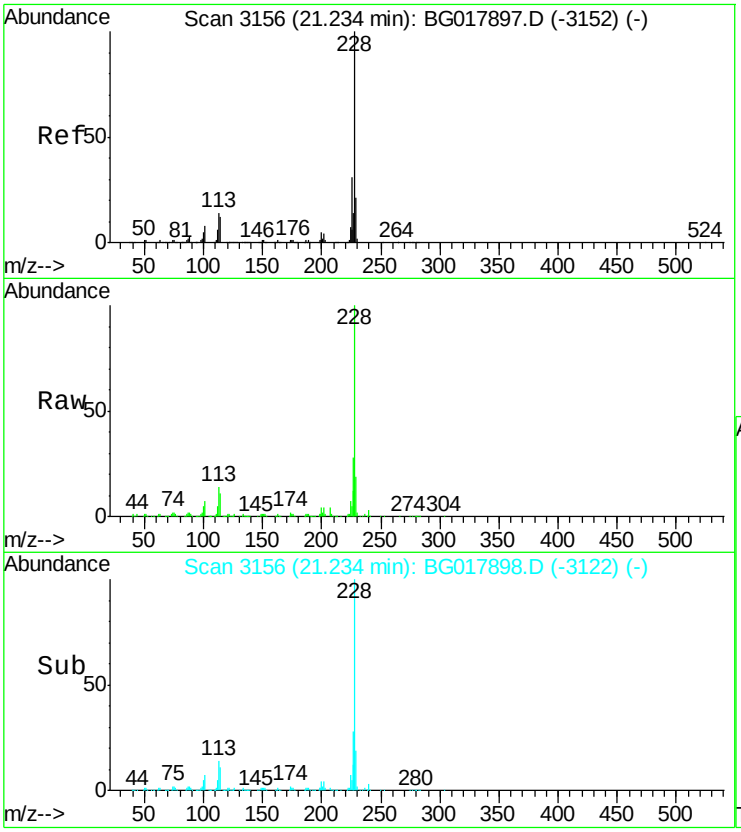


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.59 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:149 Resp: 91241

Ion	Ratio	Lower	Upper
149	100		
167	32.9	22.9	34.3
279	8.5	5.8	8.6





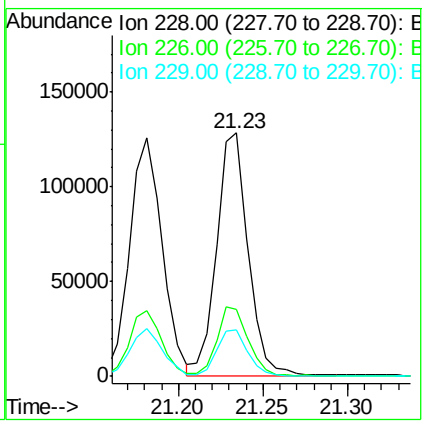
#84
Chrysene
Concen: 6.68 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

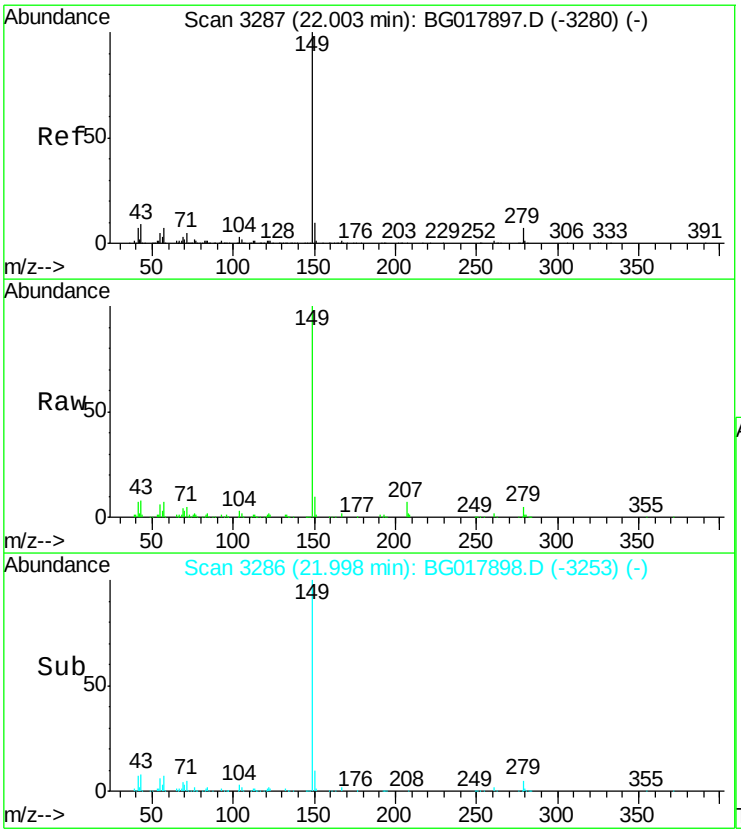
Tgt Ion:228 Resp: 167700

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.3	36.5
229	19.0	15.4	23.2

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

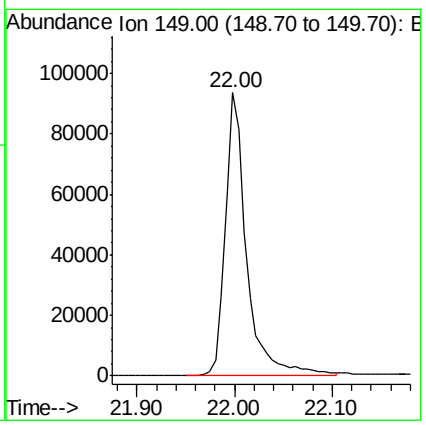
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

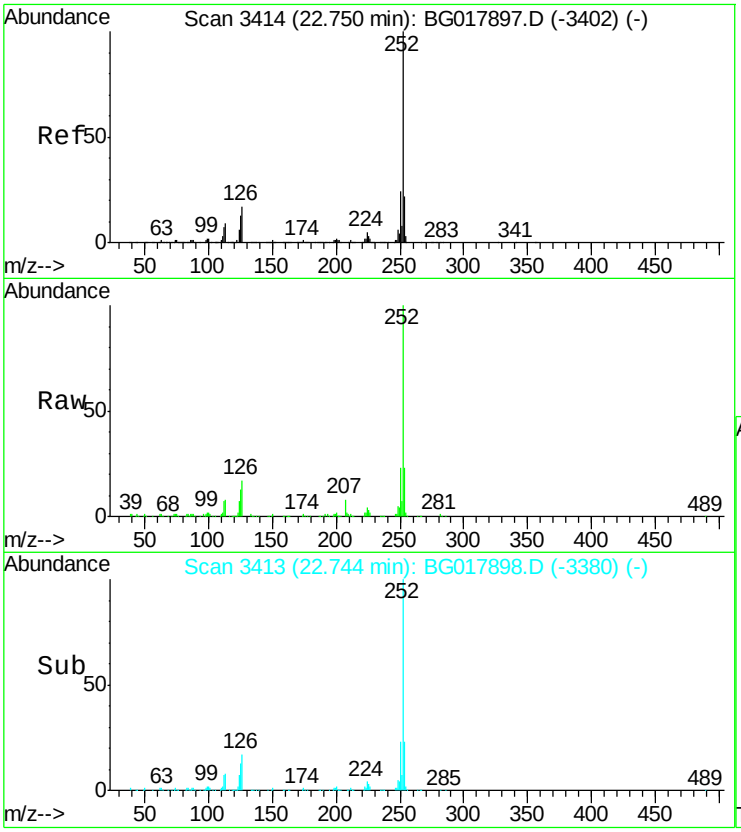




#86
Di-n-octyl phthalate
Concen: 5.48 ng/ul
RT: 22.00 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:149 Resp: 141818

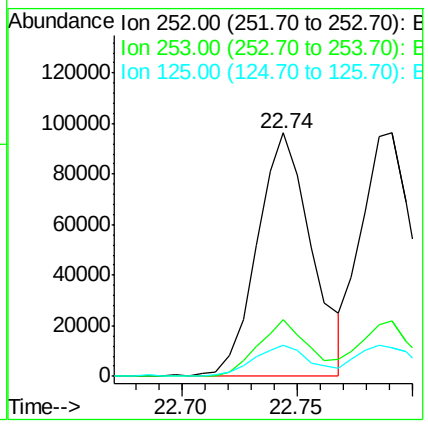




#87
Benzo(b)fluoranthene
Concen: 6.42 ng/ul
RT: 22.74 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

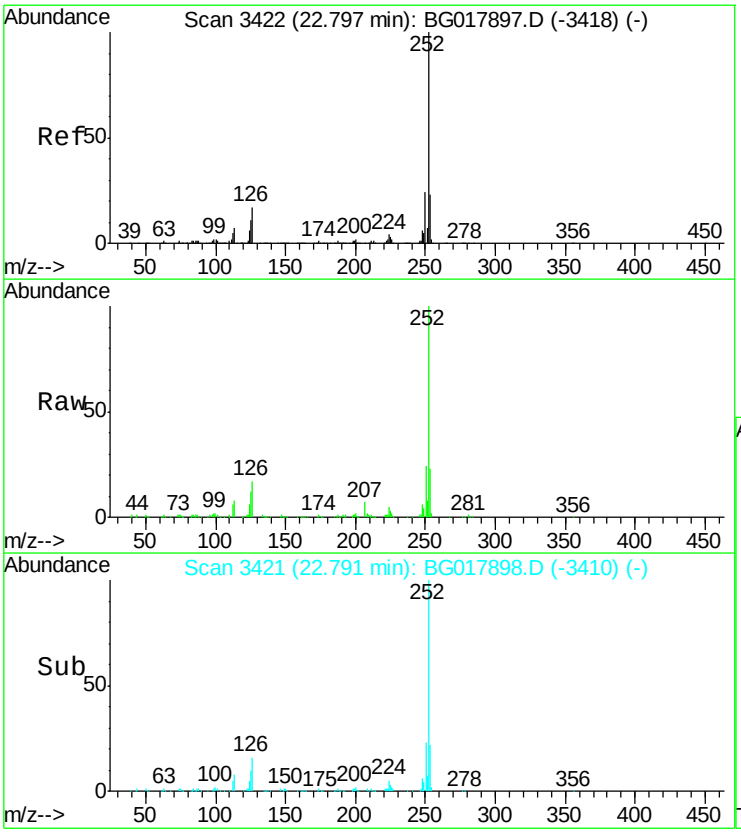
Tgt Ion:252 Resp: 156389

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	12.6	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

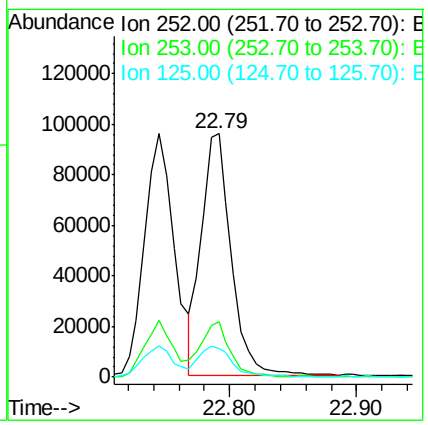
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

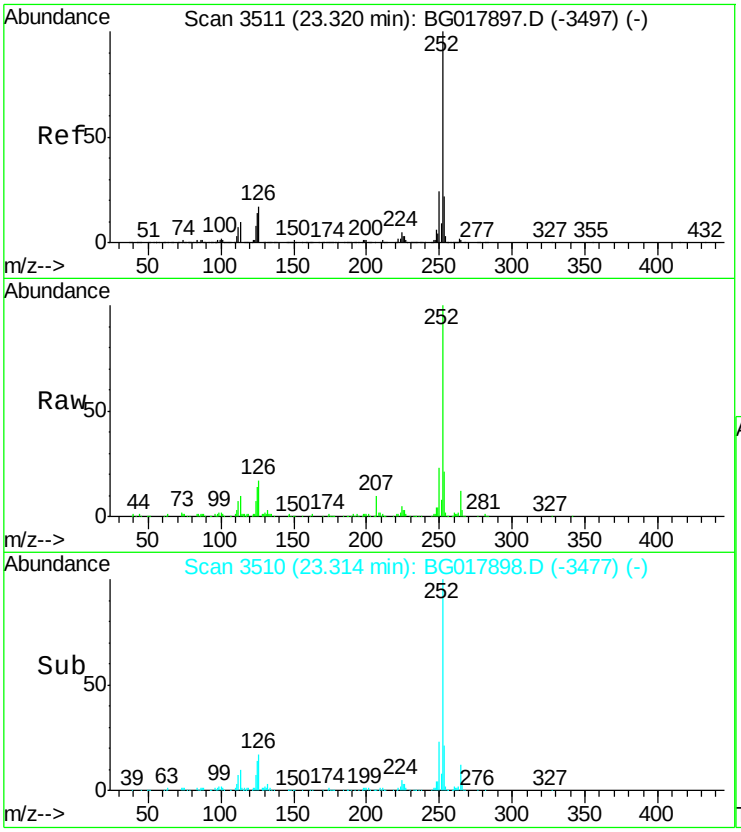


#88
Benzo(k)fluoranthene
Concen: 6.20 ng/ul
RT: 22.79 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:252 Resp: 155792

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.8	13.1	19.7#

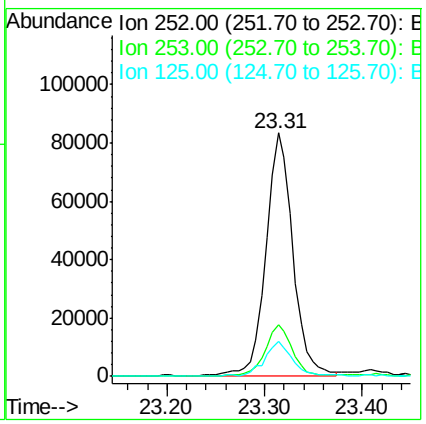




#90
Benzo(a)pyrene
Concen: 6.60 ng/ul
RT: 23.31 min Scan# 3510
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

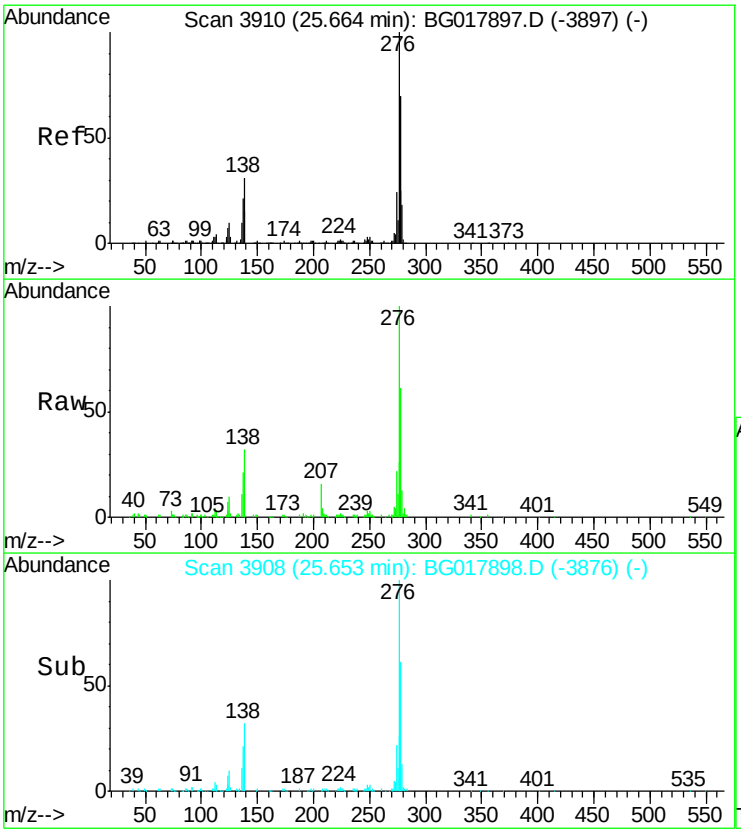
Tgt Ion:252 Resp: 161695

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	25.0
125	14.5	11.8	17.8



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

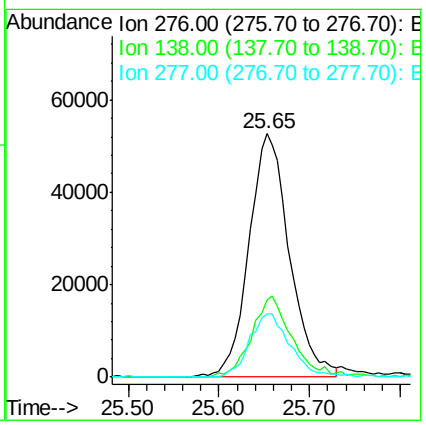
Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM

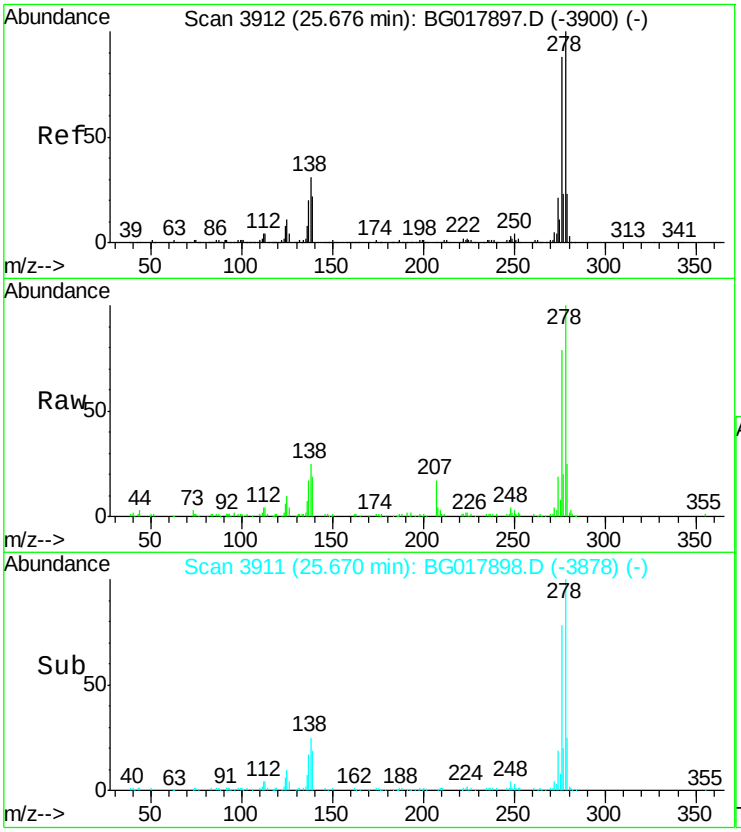


#91
Indeno(1,2,3-cd)pyrene
Concen: 6.23 ng/ul
RT: 25.65 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:276 Resp: 163137

Ion	Ratio	Lower	Upper
276	100		
138	31.6	29.4	44.0
277	26.2	20.7	31.1

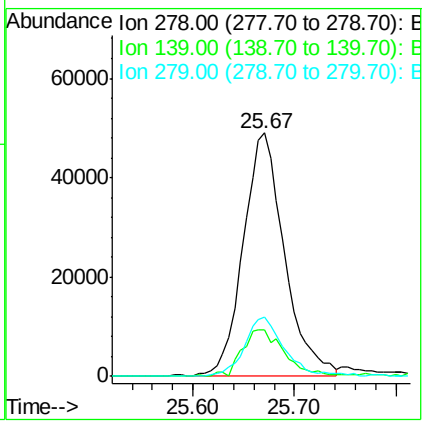




#92
Dibenzo(a,h)anthracene
Concen: 6.20 ng/ul
RT: 25.67 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

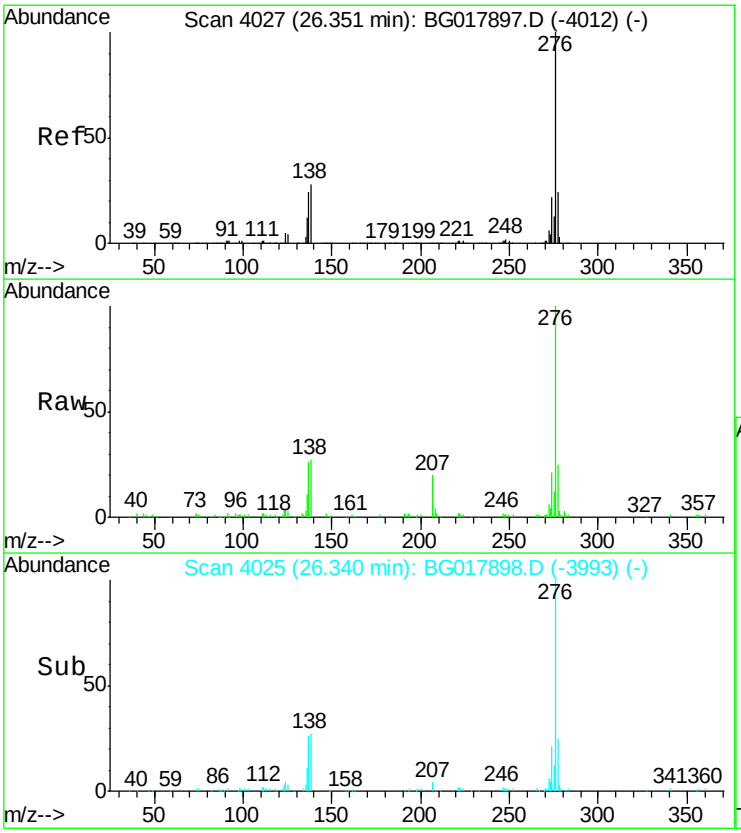
Tgt Ion:278 Resp: 138256

Ion	Ratio	Lower	Upper
278	100		
139	19.1	18.4	27.6
279	24.5	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 4:37:39 PM



#93
Benzo(g,h,i)perylene
Concen: 6.18 ng/ul
RT: 26.34 min Scan# 4025
Delta R.T. -0.01 min
Lab File: BG017898.D
Acq: 16 Jul 2015 00:12

Tgt Ion:276 Resp: 135512

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.2	33.4
277	24.8	18.4	27.6