Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017907.D
Acq On : 16 Jul 2015 6:00
Operator : TP/UM
Sample : MDL-05-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

Quant Time: Jul 16 07:22:54 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	86060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	396298	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	244991	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	523902	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	536816	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	510840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	11617	4.83	ng/uL	0.00
5) Phenol-d5	6.76	99	211751	28.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	125617	24.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	181883	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	179129	31.48	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	92138	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	86363	37.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	159845	33.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	267314	38.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	582267	34.09	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	725872	32.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	99410	30.84	ng/ul	0.00
57) Fluorene-d10	15.24	176	535033	33.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	60937	24.86	ng/ul	0.00
70) Anthracene-d10	17.09	188	808576	34.06	ng/ul	0.00
78) Pyrene-d10	19.40	212	902795	35.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	817546	32.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2883	1.12	ng/uL#	86
4) Benzaldehyde	6.74	77	26882	6.18	ng/ul#	82
6) Phenol	6.79	94	41616	5.11	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.02	93	33608	5.06	ng/ul	91
10) 2-Chlorophenol	7.15	128	32345	5.55	ng/ul#	85
11) 2-Methylphenol	8.03	108	29065	4.91	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	39031	4.04	ng/ul	97
14) Acetophenone	8.40	105	50833	5.37	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.39	70	28187	4.83	ng/ul#	86
16) 4-Methylphenol	8.36	108	33786	5.24	ng/ul	94
17) Hexachloroethane	8.66	117	13592	4.89	ng/ul#	79
20) Nitrobenzene	8.78	77	35506	4.35	ng/ul#	89
21) Isophorone	9.30	82	73006	4.78	ng/ul	98
23) 2-Nitrophenol	9.48	139	16847	6.11	ng/ul#	88
24) 2,4-Dimethylphenol	9.55	107	36379	5.16	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	42091	4.91	ng/ul#	95
27) 2,4-Dichlorophenol	10.01	162	29535	6.15	ng/ul	91
28) Naphthalene	10.41	128	113721	5.55	ng/ul	98
30) 4-Chloroaniline	10.53	127	42484	5.96	ng/ul	100
31) Hexachlorobutadiene	10.71	225	18479	6.10	ng/ul	96
32) Caprolactam	11.30	113	12999m	3.69	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	30674	5.20	ng/ul#	78
34) 2-Methylnaphthalene	12.03	142	80402	5.78	ng/ul	96

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017907.D
Acq On : 16 Jul 2015 6:00
Operator : TP/UM
Sample : MDL-05-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

Quant Time: Jul 16 07:22:54 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	36561	5.67 ng/ul#	87
37) Hexachlorocyclopentadiene	12.39	237	15009	4.48 ng/ul#	94
38) 2,4,6-Trichlorophenol	12.66	196	18489	5.29 ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	22413	5.88 ng/ul	98
40) 1,1'-Biphenyl	13.07	154	104663	5.52 ng/ul	96
41) 2-Chloronaphthalene	13.10	162	81010	5.57 ng/ul	93
42) 2-Nitroaniline	13.32	65	17933	4.20 ng/ul	94
44) Dimethylphthalate	13.71	163	111281	6.20 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	17865	5.47 ng/ul#	83
47) Acenaphthylene	13.96	152	139671	5.69 ng/ul	97
48) 3-Nitroaniline	14.15	138	20744	5.57 ng/ul	88
49) Acenaphthene	14.31	153	93626	5.67 ng/ul	96
50) 2,4-Dinitrophenol	14.36	184	981	0.71 ng/ul#	73
52) 4-Nitrophenol	14.46	109	13518	4.95 ng/ul	86
53) Dibenzofuran	14.64	168	129069	5.94 ng/ul	92
54) 2,4-Dinitrotoluene	14.61	165	26232	5.60 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.88	232	17046	5.79 ng/ul	92
56) Diethylphthalate	15.08	149	114385	6.19 ng/ul	99
58) Fluorene	15.30	166	111615	5.91 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	53096	6.05 ng/ul	96
60) 4-Nitroaniline	15.32	138	24576	5.54 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.38	198	13203	4.83 ng/ul#	97
64) N-Nitrosodiphenylamine	15.51	169	94457	5.92 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	30216	6.01 ng/ul#	84
66) Hexachlorobenzene	16.30	284	33938	6.22 ng/ul	89
67) Atrazine	16.46	200	32816	6.00 ng/ul	99
68) Pentachlorophenol	16.65	266	10220	3.78 ng/ul#	87
69) Phenanthrene	17.03	178	177782	6.15 ng/ul	99
71) Anthracene	17.13	178	178039	6.01 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	35242	5.29 ng/uL	91
73) Pentachlorobenzene	14.56	250	42555	6.65 ng/uL	92
74) Carbazole	17.40	167	160368	6.21 ng/ul	98
75) Di-n-butylphthalate	17.98	149	195398	6.03 ng/ul	98
76) Fluoranthene	19.06	202	195273	6.65 ng/ul	97
79) Pyrene	19.43	202	216904	6.56 ng/ul	96
80) Butylbenzylphthalate	20.35	149	72618	5.44 ng/ul#	89
81) 3,3'-Dichlorobenzidine	21.12	252	42325	5.26 ng/ul#	93
82) Benzo(a)anthracene	21.18	228	183950	6.21 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	96568	5.22 ng/ul	98
84) Chrysene	21.24	228	184080	6.47 ng/ul	100
86) Di-n-octyl phthalate	22.00	149	150550	5.03 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	169867	6.03 ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	166692	5.74 ng/ul#	95
90) Benzo(a)pyrene	23.32	252	175399	6.20 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	175281	5.79 ng/ul	97
92) Dibenzo(a,h)anthracene	25.67	278	152853	5.93 ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	151385	5.97 ng/ul	98

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

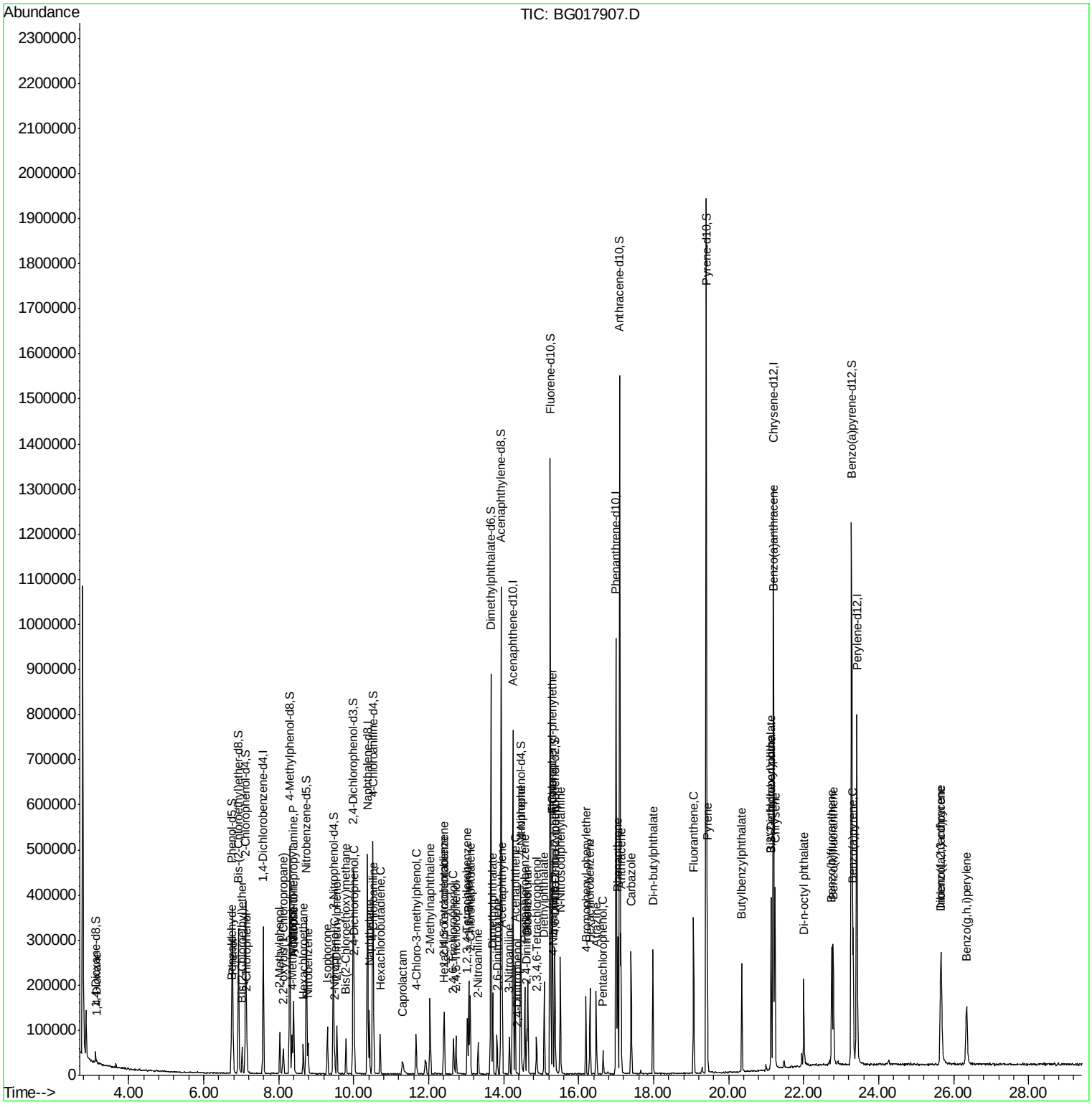
Quantitation Report (QT Reviewed)

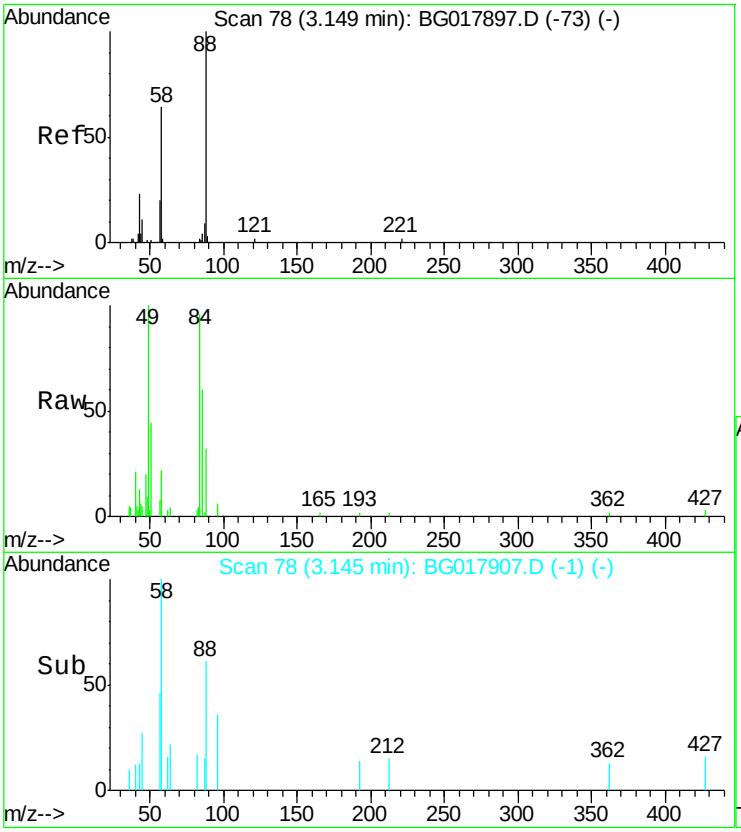
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017907.D
Acq On : 16 Jul 2015 6:00
Operator : TP/UM
Sample : MDL-05-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Jul 16 07:22:54 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-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

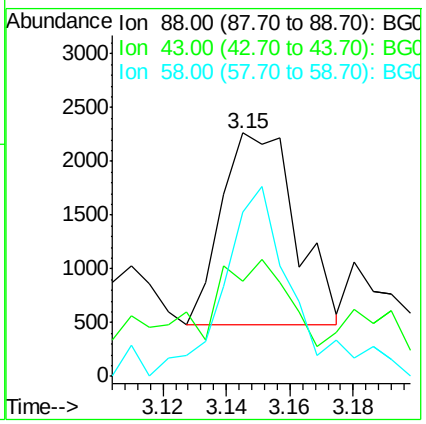




#2
1,4-Dioxane
Concen: 1.12 ng/uL
RT: 3.15 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

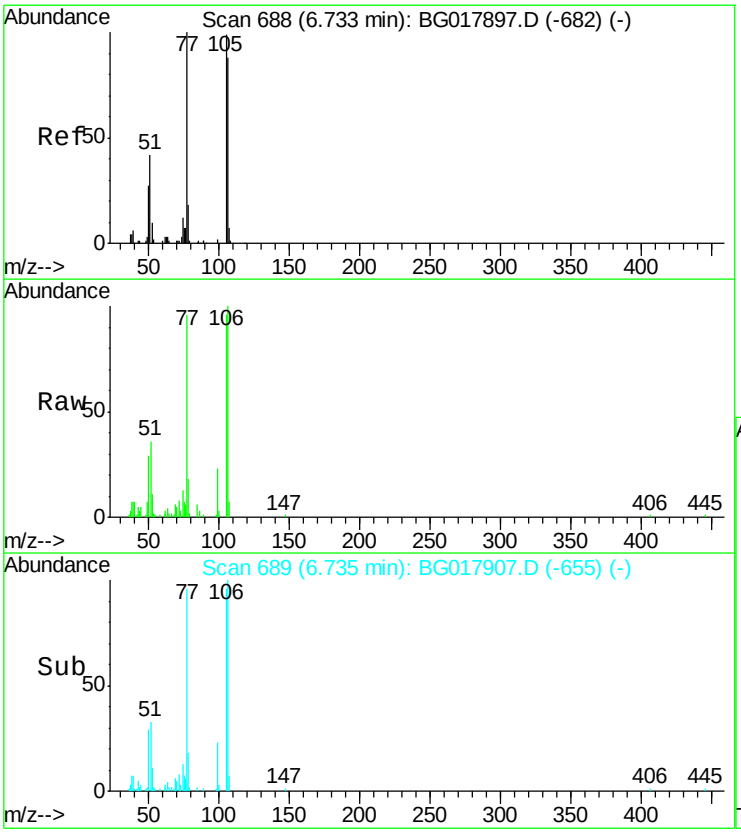
Tgt Ion: 88 Resp: 2883

Ion	Ratio	Lower	Upper
88	100		
43	15.3	26.4	39.6#
58	82.5	61.5	92.3



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

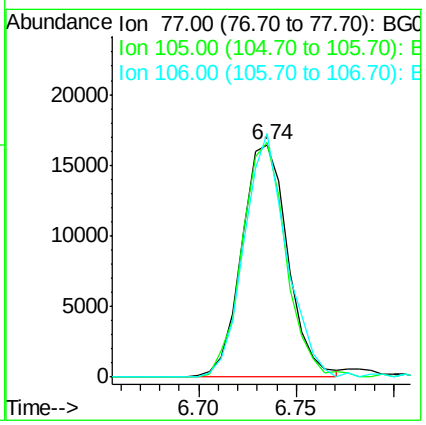
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

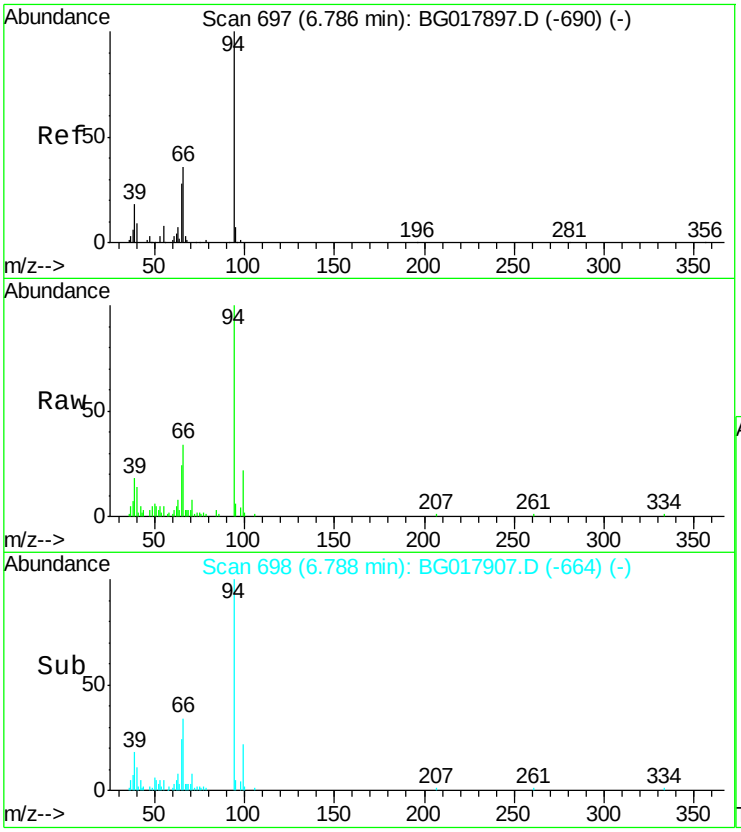


#4
Benzaldehyde
Concen: 6.18 ng/ul
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion: 77 Resp: 26882

Ion	Ratio	Lower	Upper
77	100		
105	100.9	69.1	103.7
106	104.6	69.3	103.9#

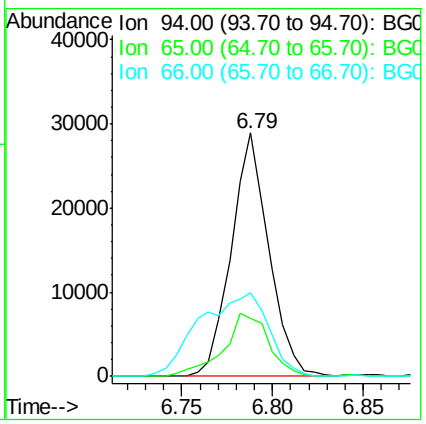




#6
Phenol
Concen: 5.11 ng/ul
RT: 6.79 min Scan# 698
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

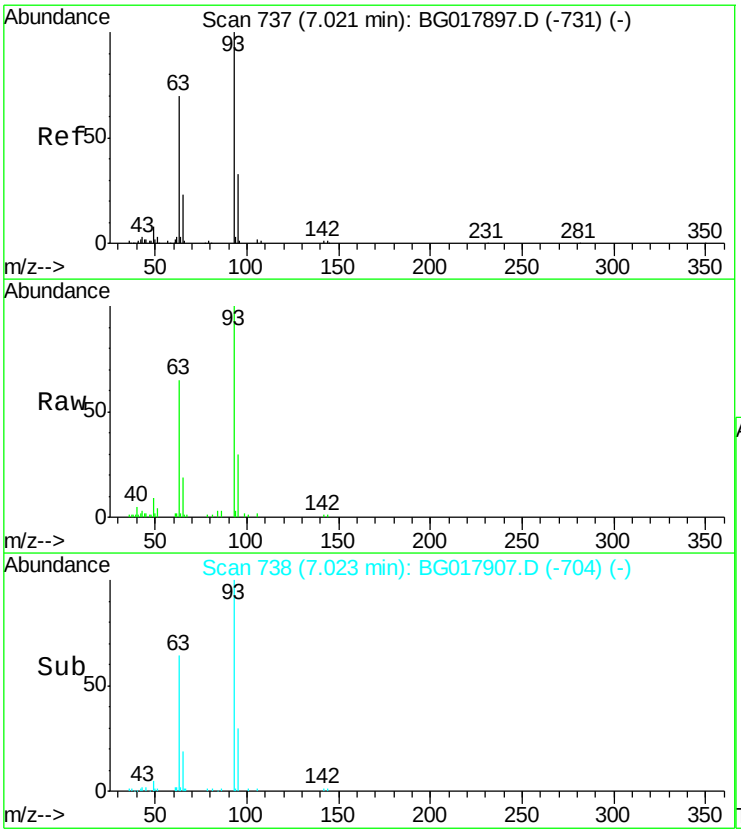
Tgt Ion: 94 Resp: 41616

Ion	Ratio	Lower	Upper
94	100		
65	23.8	25.0	37.4#
66	34.2	31.7	47.5



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

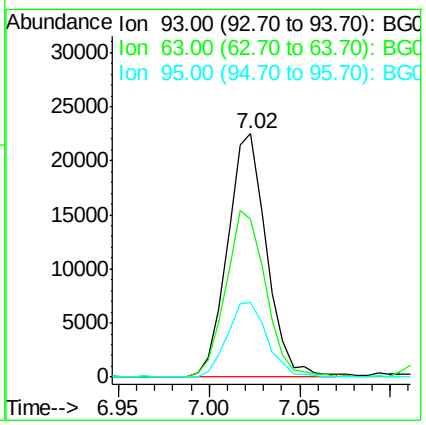
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

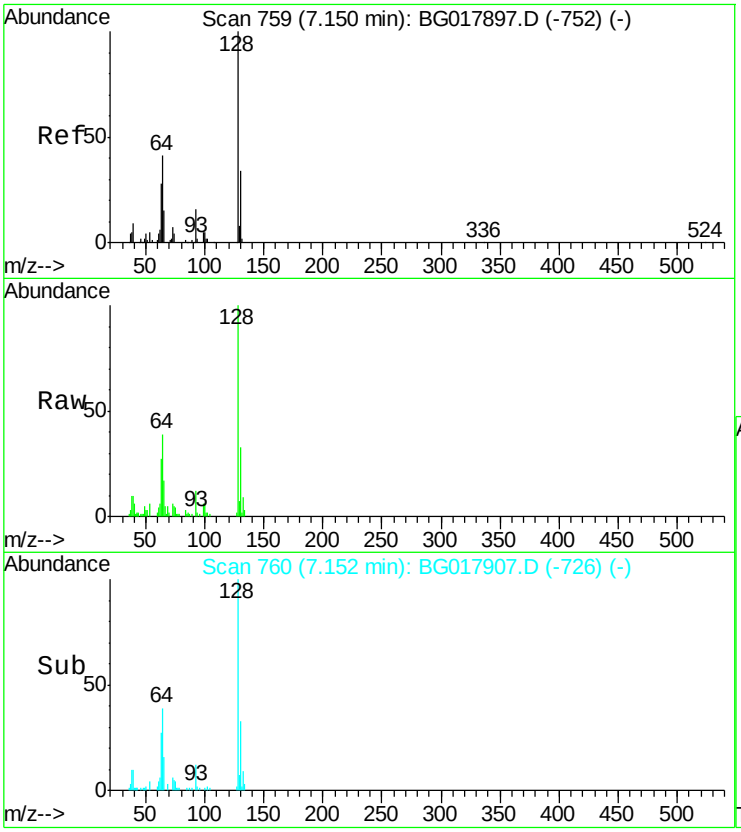


#8
Bis(2-Chloroethyl)ether
Concen: 5.06 ng/ul
RT: 7.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion: 93 Resp: 33608

Ion	Ratio	Lower	Upper
93	100		
63	64.8	59.8	89.8
95	30.5	23.4	35.2





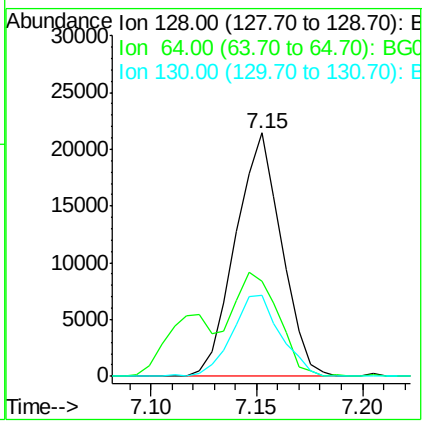
#10
2-Chlorophenol
Concen: 5.55 ng/ul
RT: 7.15 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

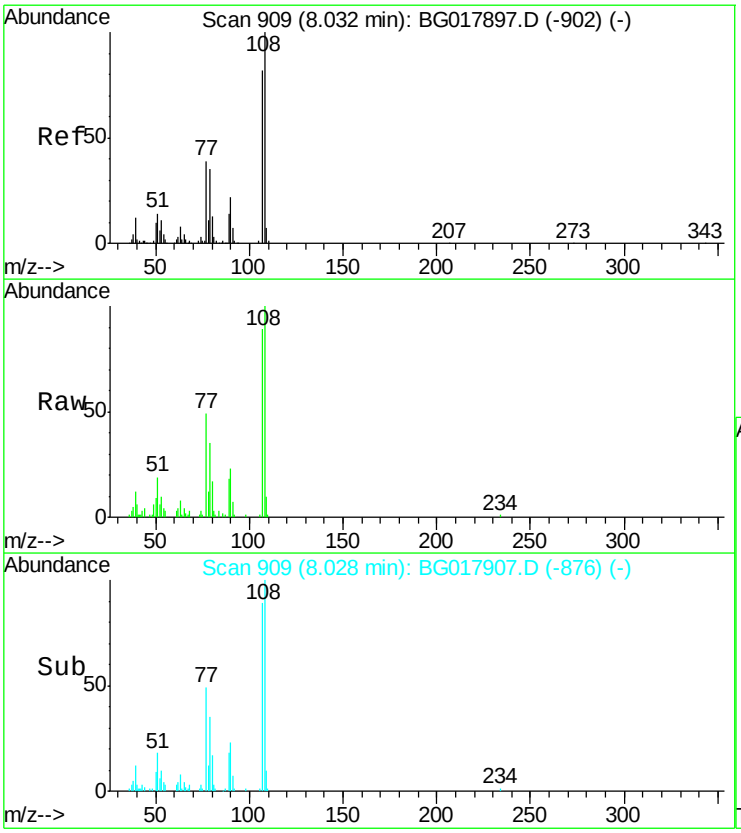
Tgt Ion:128 Resp: 32345

Ion	Ratio	Lower	Upper
128	100		
64	38.9	44.0	66.0#
130	33.3	25.9	38.9

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

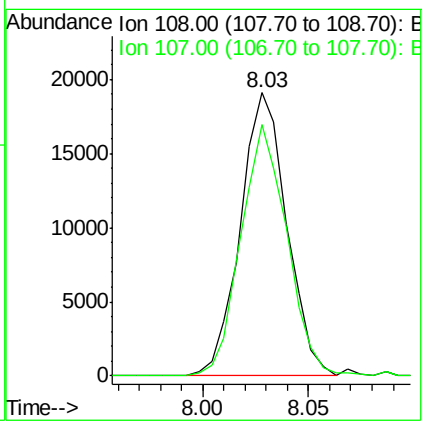


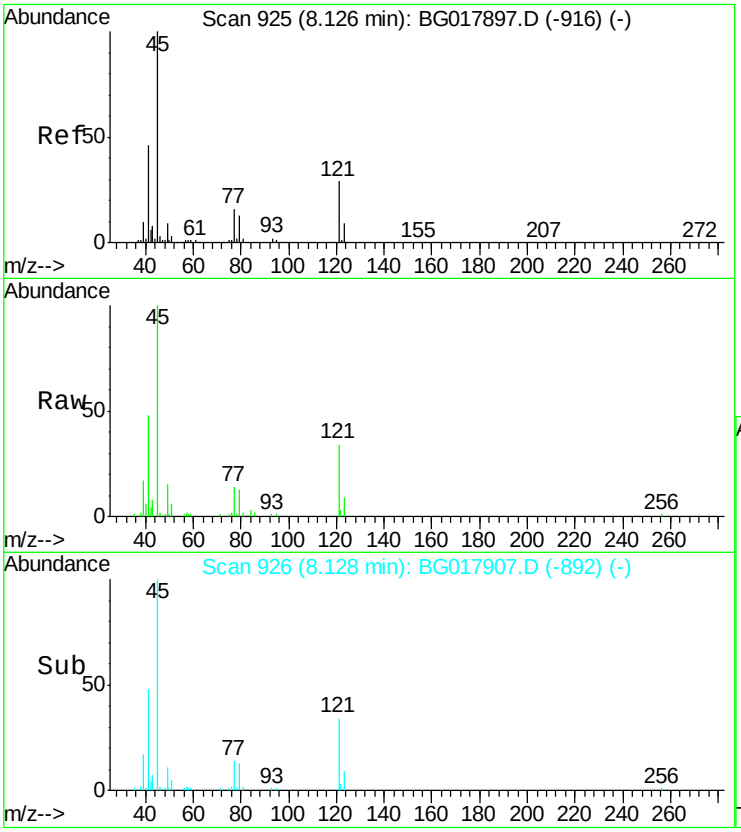


#11
2-Methylphenol
Concen: 4.91 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:108 Resp: 29065

Ion	Ratio	Lower	Upper
108	100		
107	88.9	72.1	108.1





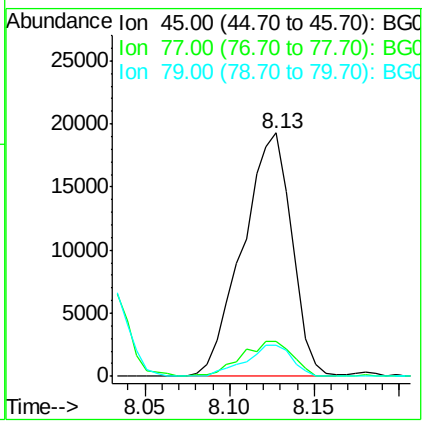
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.04 ng/ul
RT: 8.13 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

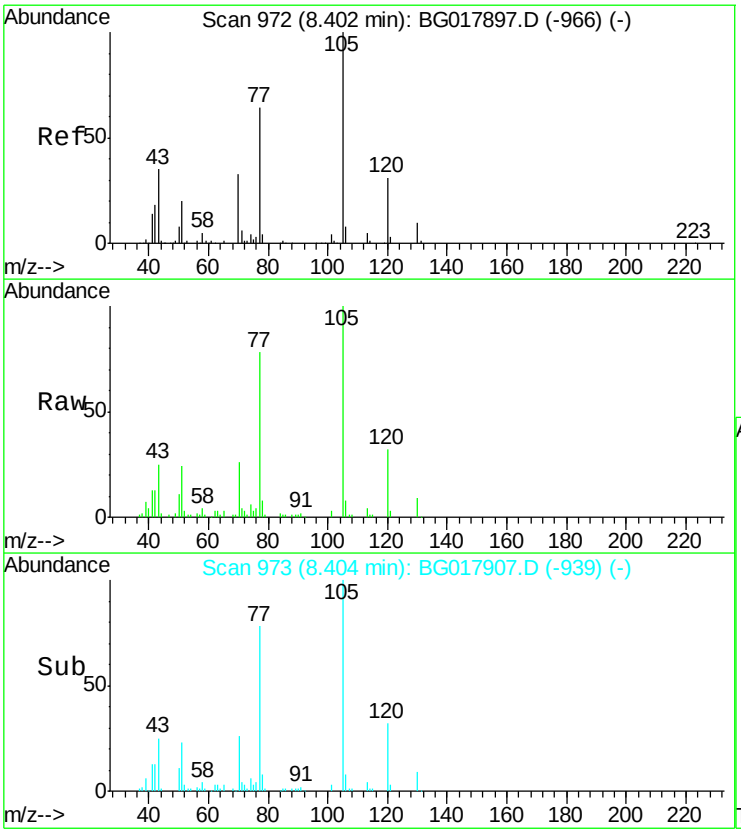
Tgt Ion: 45 Resp: 39031

Ion	Ratio	Lower	Upper
45	100		
77	14.5	12.6	19.0
79	12.7	9.3	13.9

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

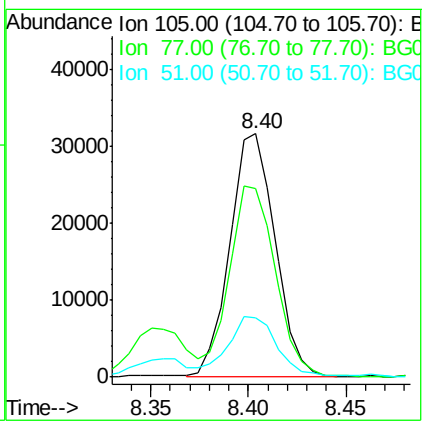


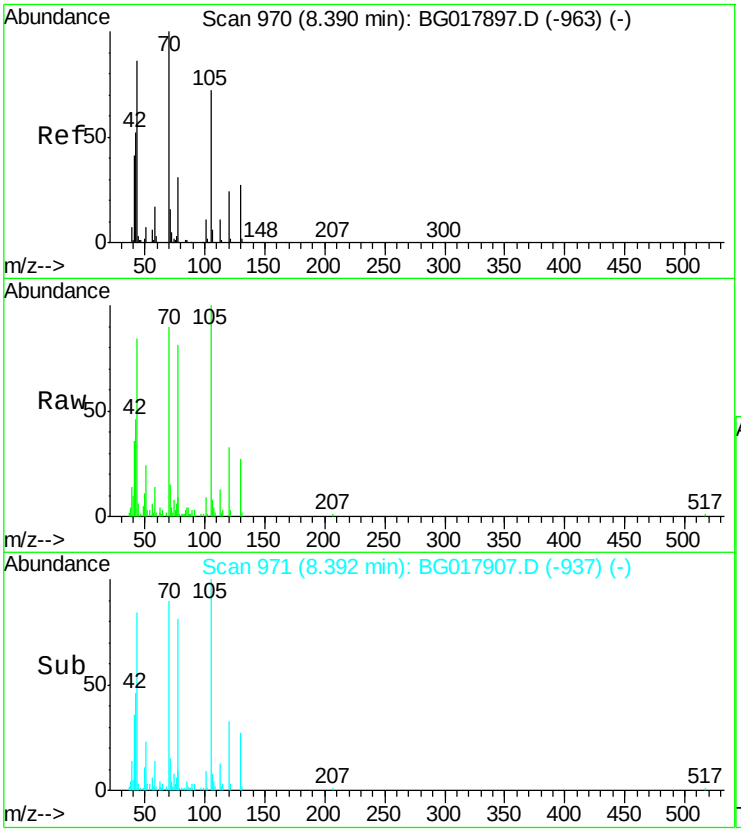


#14
Acetophenone
Concen: 5.37 ng/ul
RT: 8.40 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:105 Resp: 50833

Ion	Ratio	Lower	Upper
105	100		
77	77.6	71.9	107.9
51	24.2	25.0	37.6#

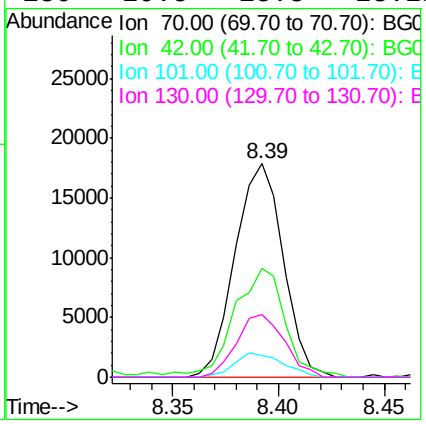




#15
N-Nitroso-di-n-propylamine
Concen: 4.83 ng/ul
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

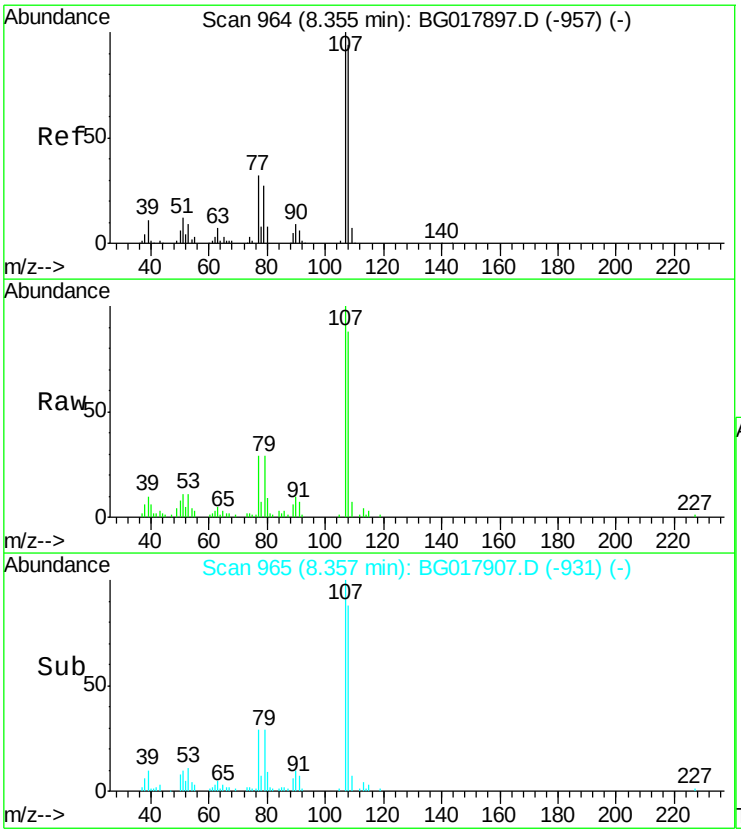
Tgt Ion: 70 Resp: 28187

Ion	Ratio	Lower	Upper
70	100		
42	51.3	51.1	76.7
101	10.0	9.8	14.8
130	29.5	18.8	28.2#



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

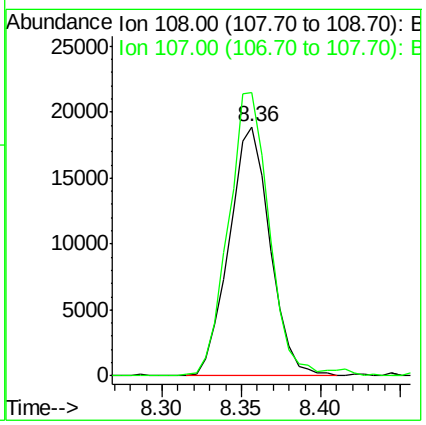
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

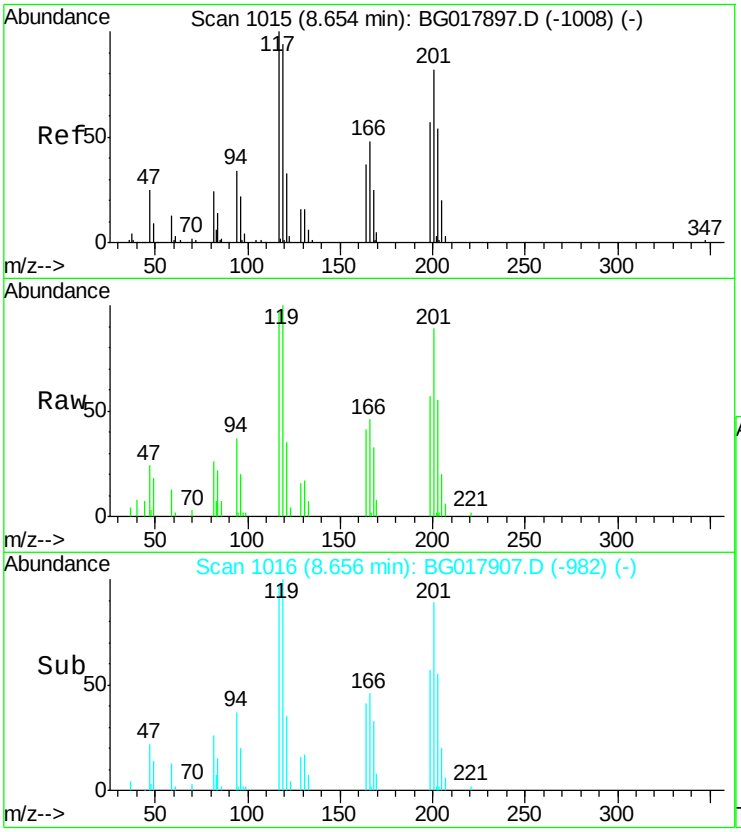


#16
4-Methylphenol
Concen: 5.24 ng/ul
RT: 8.36 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:108 Resp: 33786

Ion	Ratio	Lower	Upper
108	100		
107	113.5	85.8	128.6





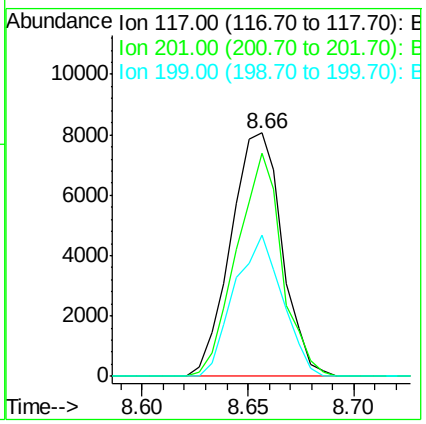
#17
Hexachloroethane
Concen: 4.89 ng/ul
RT: 8.66 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

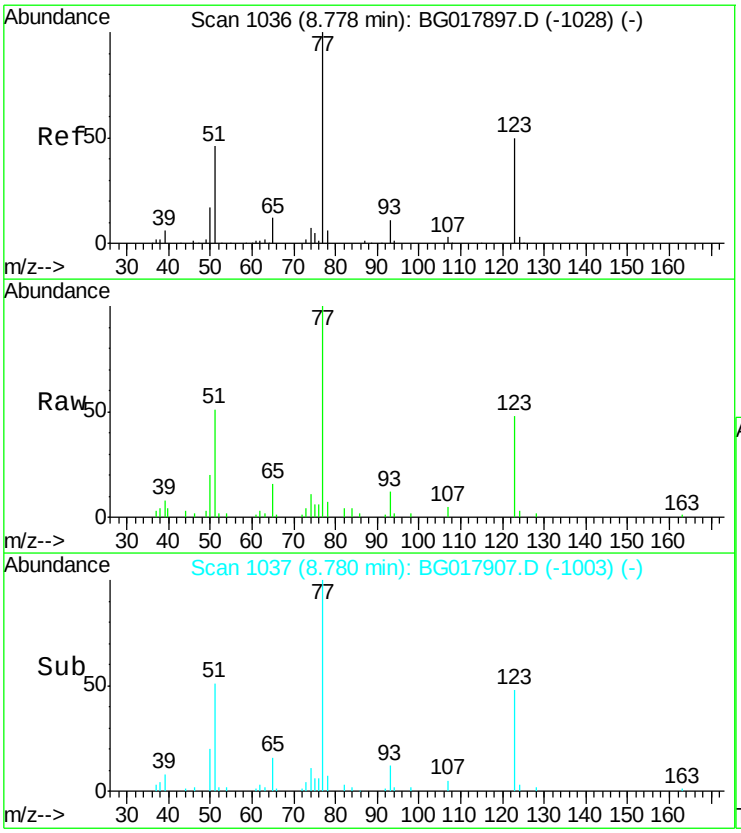
Tgt Ion:117 Resp: 13592

Ion	Ratio	Lower	Upper
117	100		
201	91.9	57.8	86.8#
199	58.2	37.2	55.8#

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

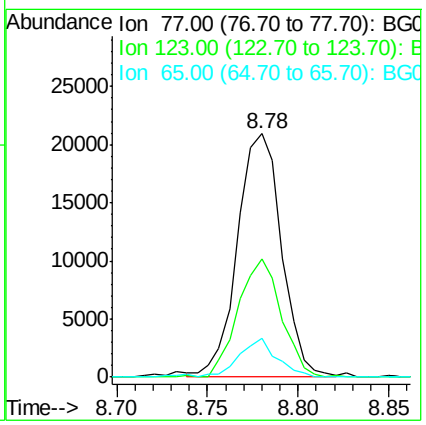


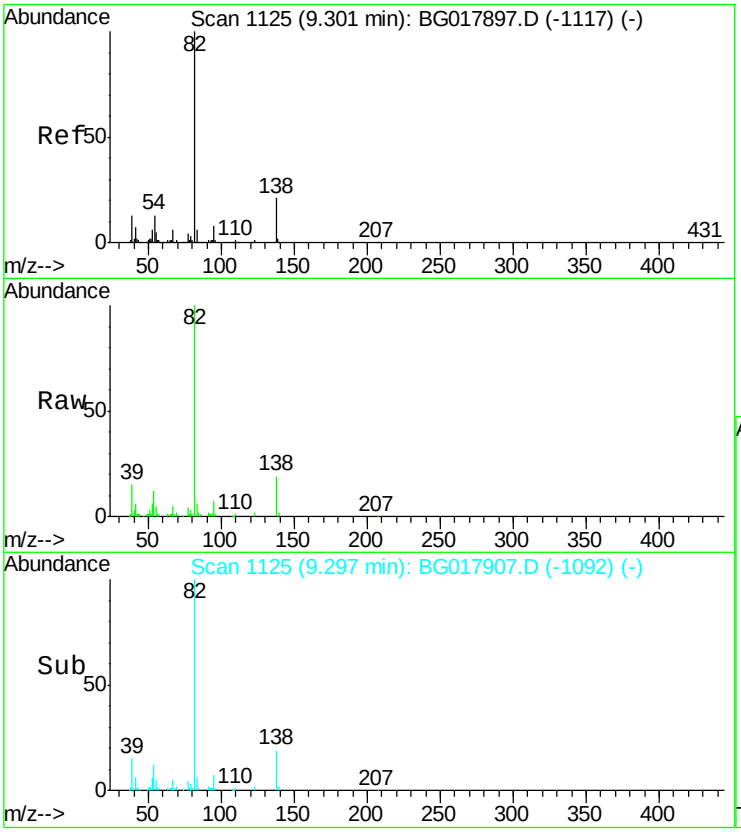


#20
Nitrobenzene
Concen: 4.35 ng/ul
RT: 8.78 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion: 77 Resp: 35506

Ion	Ratio	Lower	Upper
77	100		
123	48.4	32.0	48.0#
65	15.9	11.3	16.9

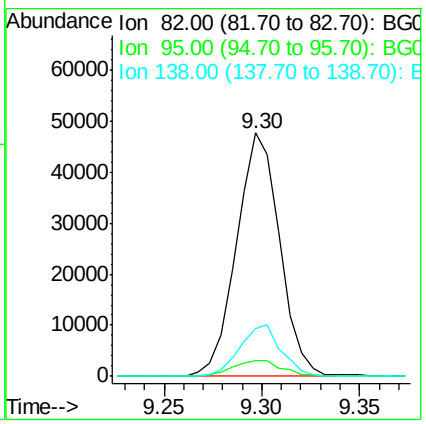




#21
Isophorone
Concen: 4.78 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

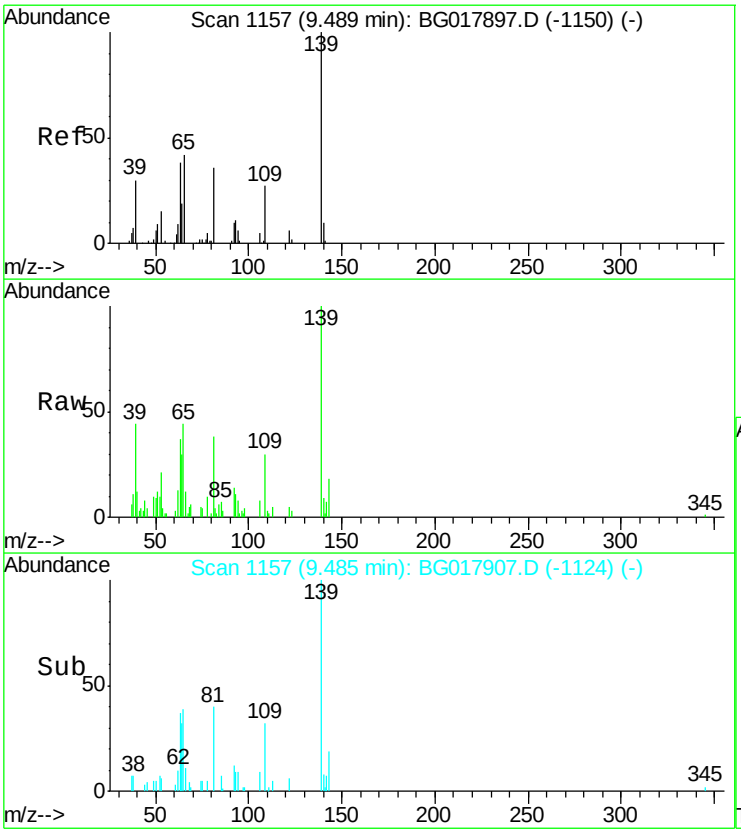
Tgt Ion: 82 Resp: 73006

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.9	8.9
138	19.5	14.7	22.1



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

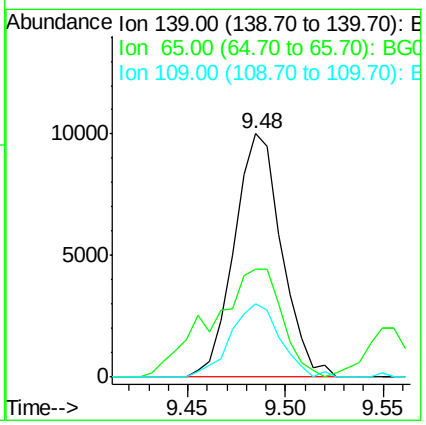
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

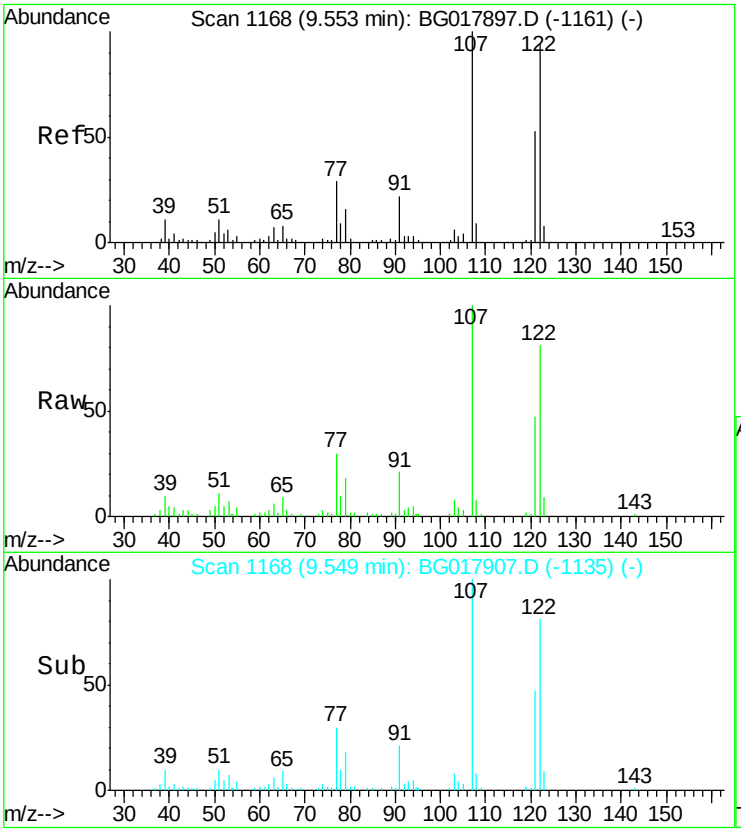


#23
2-Nitrophenol
Concen: 6.11 ng/ul
RT: 9.48 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:139 Resp: 16847

Ion	Ratio	Lower	Upper
139	100		
65	44.3	46.1	69.1#
109	30.0	24.1	36.1

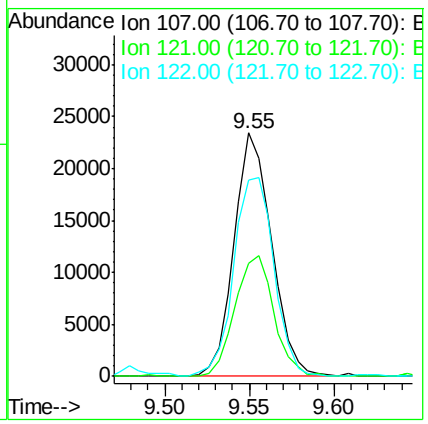




#24
2,4-Dimethylphenol
Concen: 5.16 ng/ul
RT: 9.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

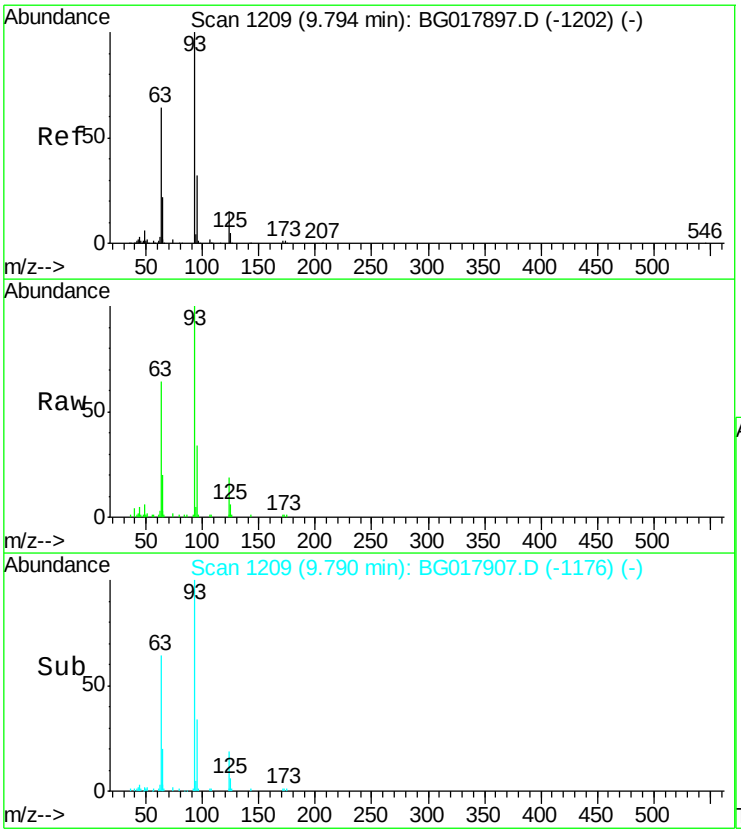
Tgt Ion:107 Resp: 36379

Ion	Ratio	Lower	Upper
107	100		
121	46.5	38.3	57.5
122	80.8	66.6	100.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

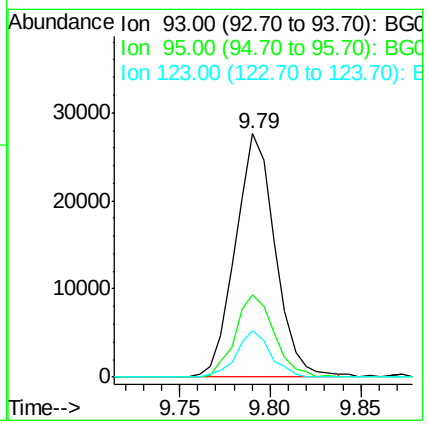
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

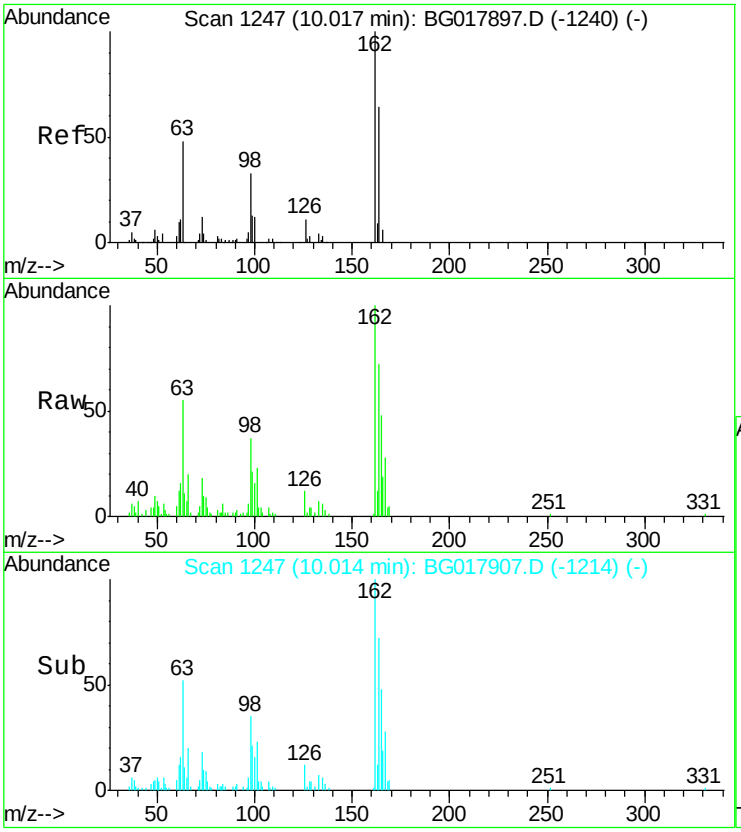


#25
Bis(2-Chloroethoxy)methane
Concen: 4.91 ng/ul
RT: 9.79 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion: 93 Resp: 42091

Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.0	39.0
123	18.9	12.0	18.0#





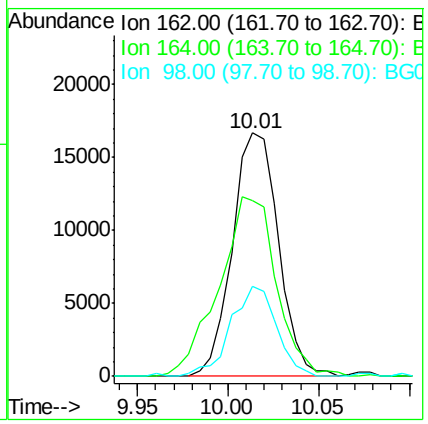
#27
2,4-Dichlorophenol
Concen: 6.15 ng/ul
RT: 10.01 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

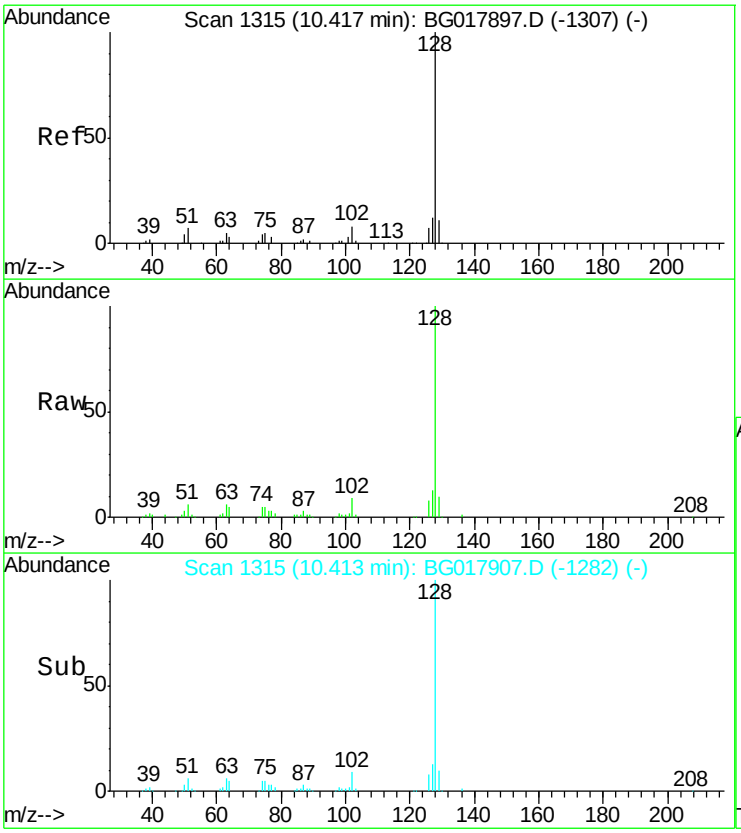
Tgt Ion:162 Resp: 29535

Ion	Ratio	Lower	Upper
162	100		
164	72.3	51.0	76.6
98	36.8	32.7	49.1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

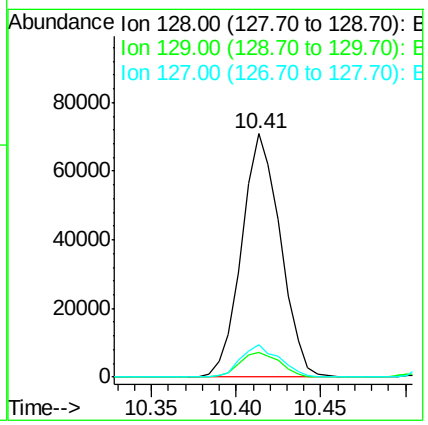


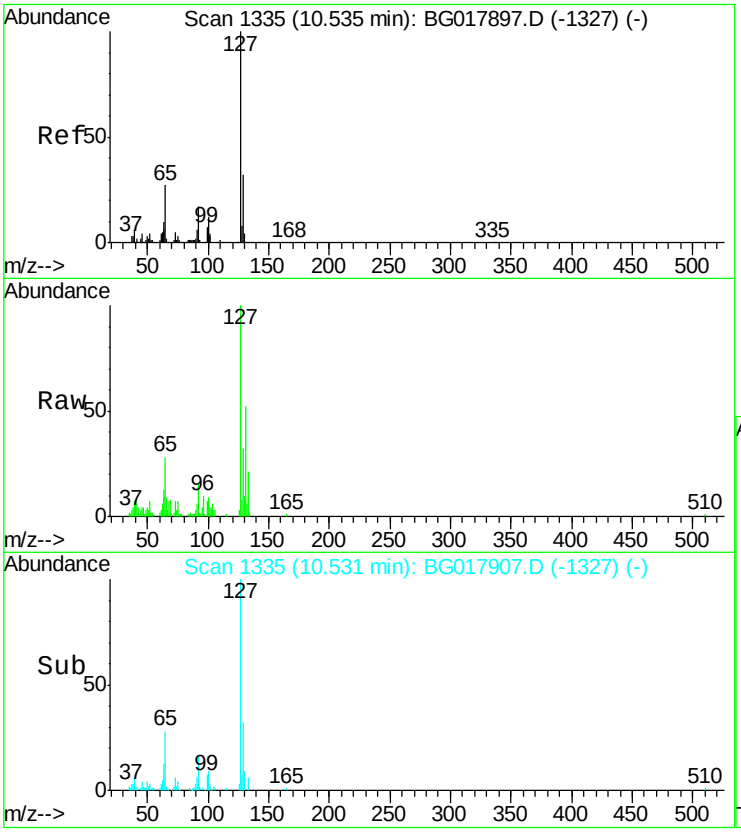


#28
Naphthalene
Concen: 5.55 ng/ul
RT: 10.41 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:128 Resp: 113721

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	13.2	11.0	16.6

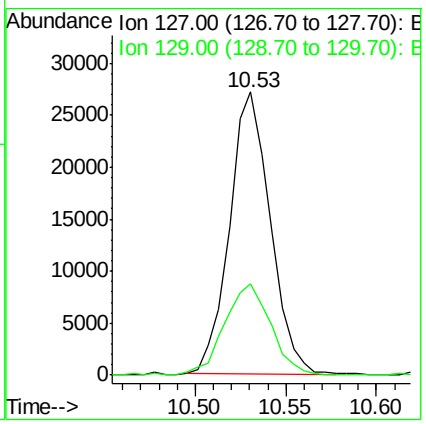




#30
4-Chloroaniline
Concen: 5.96 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

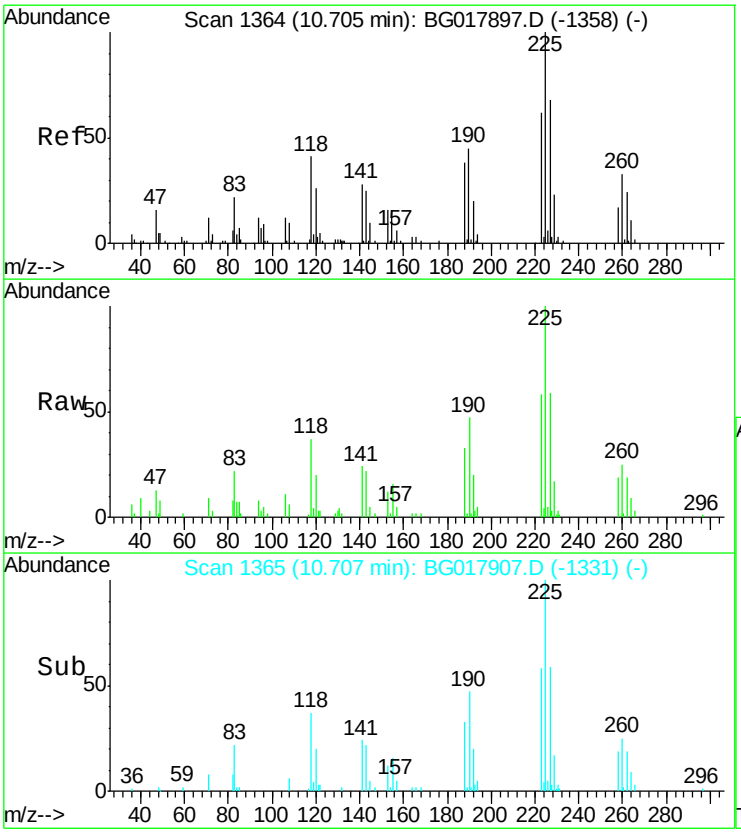
Tgt Ion:127 Resp: 42484

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

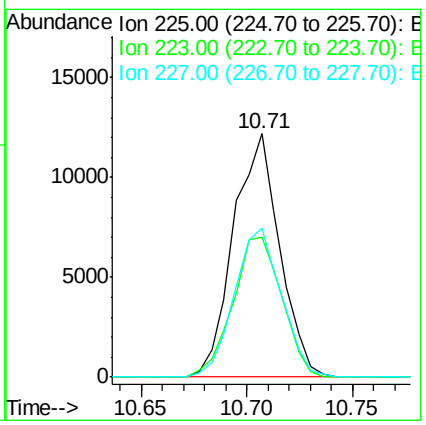
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

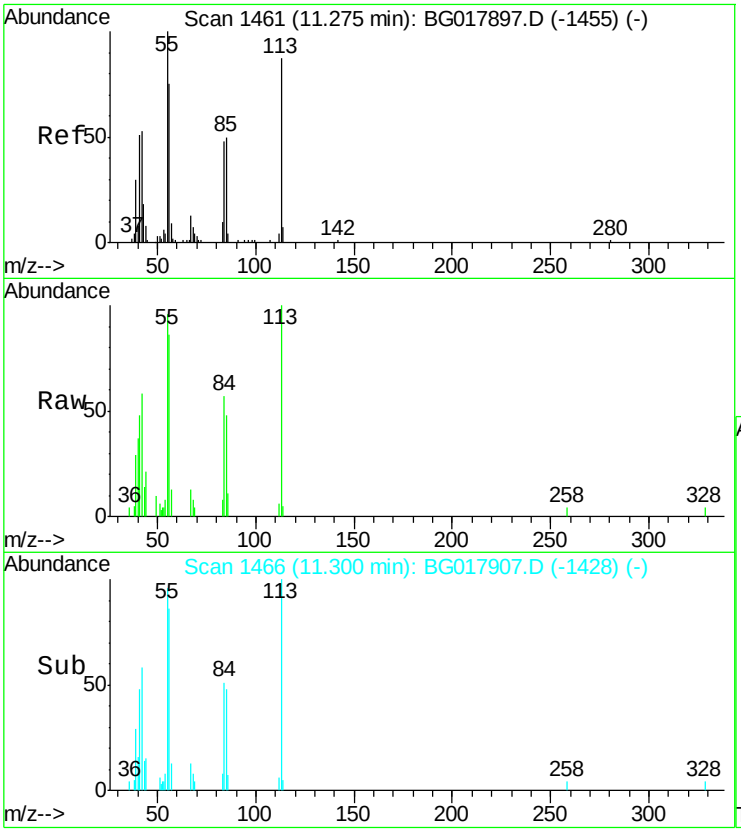


#31
Hexachlorobutadiene
Concen: 6.10 ng/ul
RT: 10.71 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:225 Resp: 18479

Ion	Ratio	Lower	Upper
225	100		
223	57.6	48.6	73.0
227	61.2	46.1	69.1





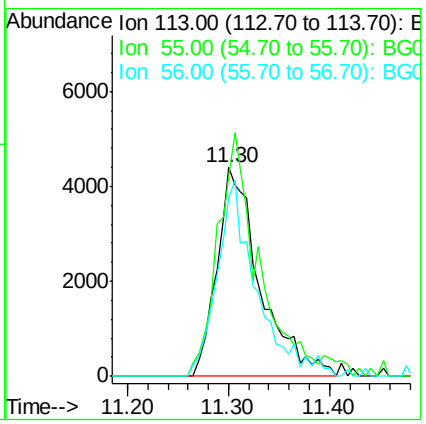
#32
Caprolactam
Concen: 3.69 ng/ul m
RT: 11.30 min Scan# 1466
Delta R.T. 0.03 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

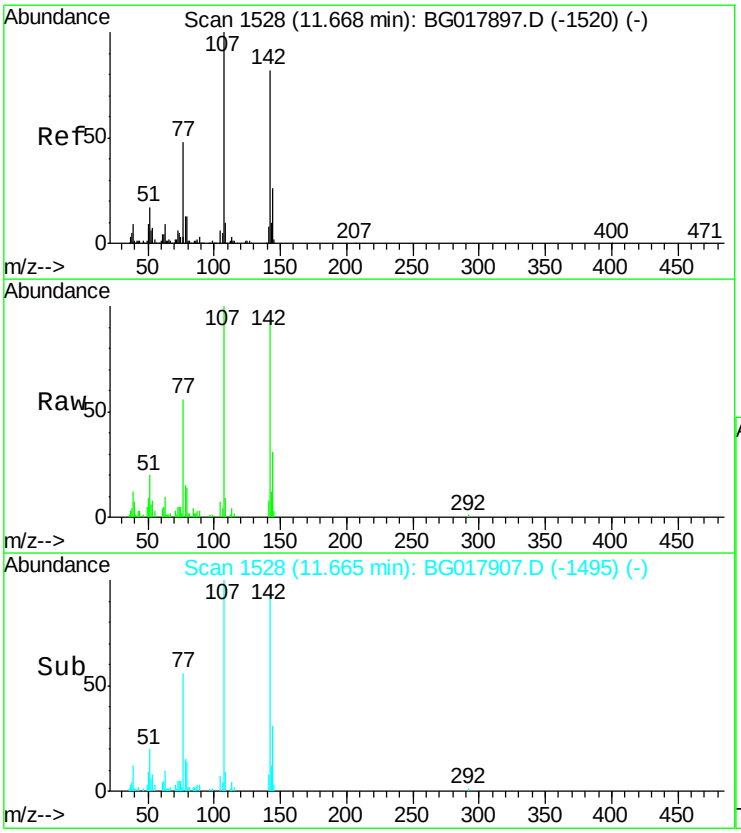
Tgt Ion:113 Resp: 12999

Ion	Ratio	Lower	Upper
113	100		
55	96.1	118.2	177.2#
56	85.8	89.8	134.6#

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

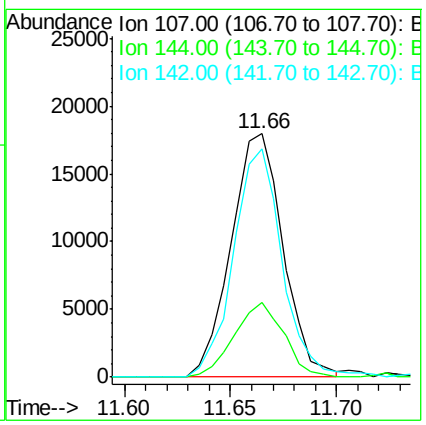


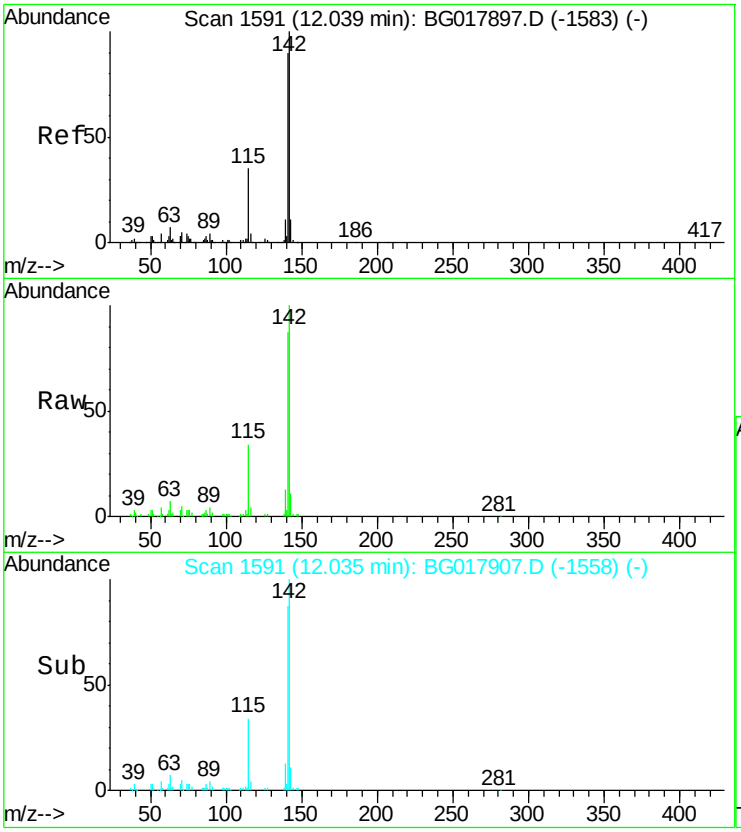


#33
4-Chloro-3-methylphenol
Concen: 5.20 ng/ul
RT: 11.66 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:107 Resp: 30674

Ion	Ratio	Lower	Upper
107	100		
144	30.6	16.6	24.8#
142	93.7	59.8	89.6#





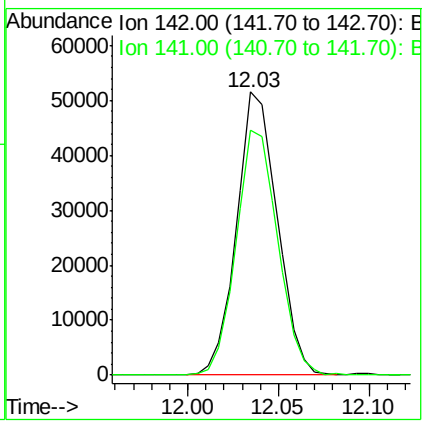
#34
2-Methylnaphthalene
Concen: 5.78 ng/ul
RT: 12.03 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

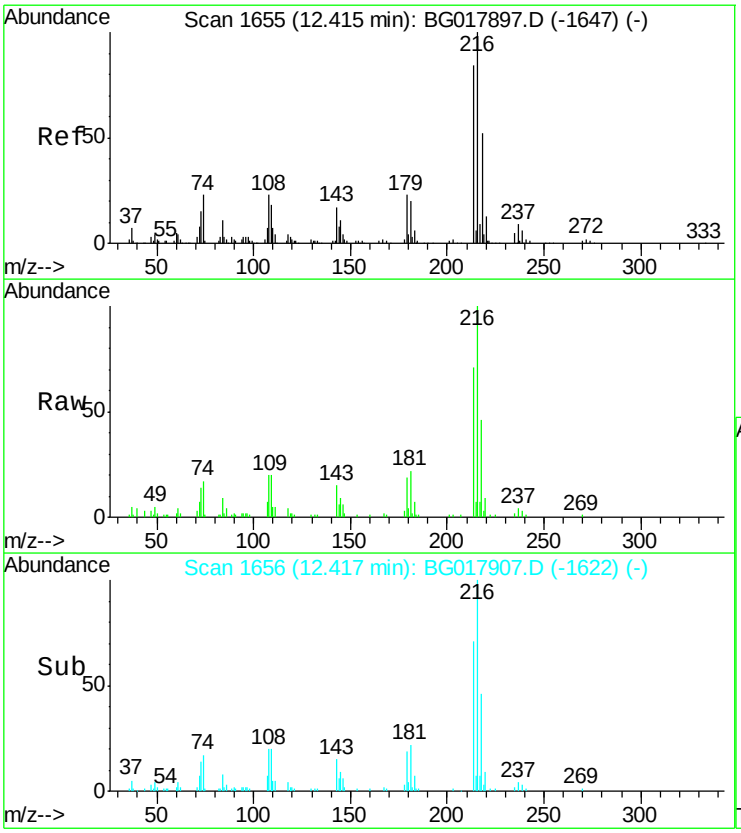
Tgt Ion:142 Resp: 80402

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.6	108.8

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

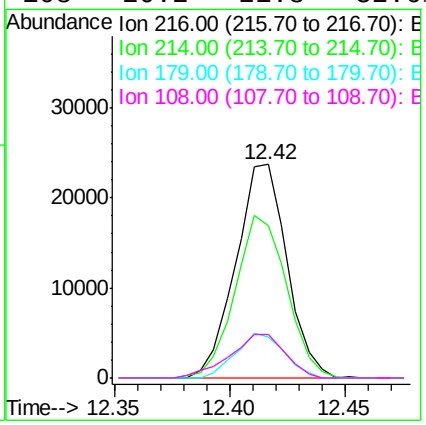


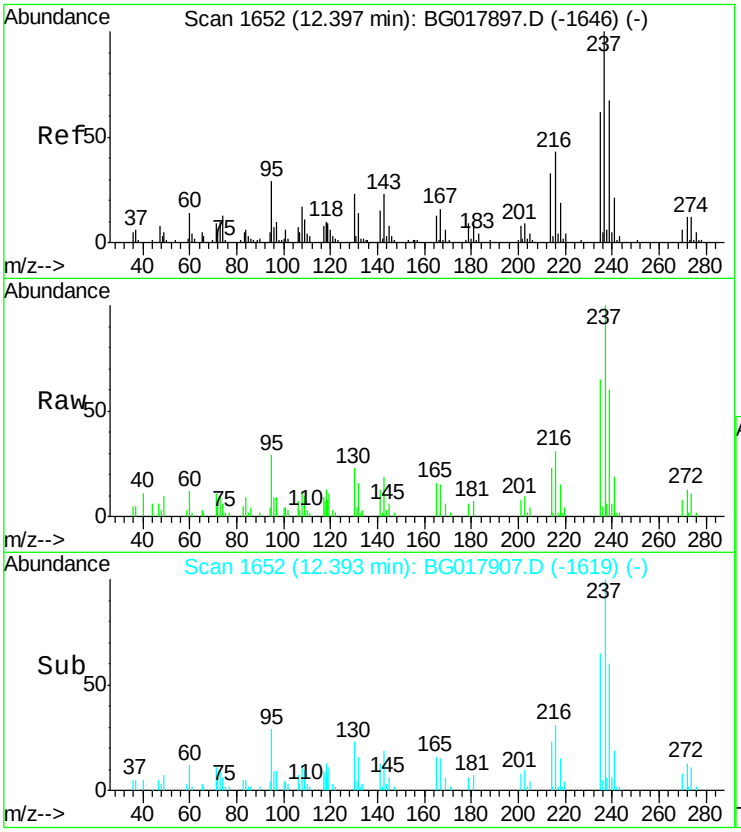


#36
1,2,4,5-Tetrachlorobenzene
Concen: 5.67 ng/ul
RT: 12.42 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:216 Resp: 36561

Ion	Ratio	Lower	Upper
216	100		
214	71.4	68.2	102.2
179	19.4	17.2	25.8
108	20.2	21.8	32.6#





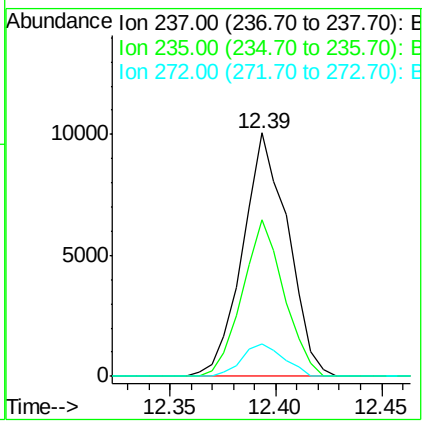
#37
Hexachlorocyclopentadiene
Concen: 4.48 ng/ul
RT: 12.39 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

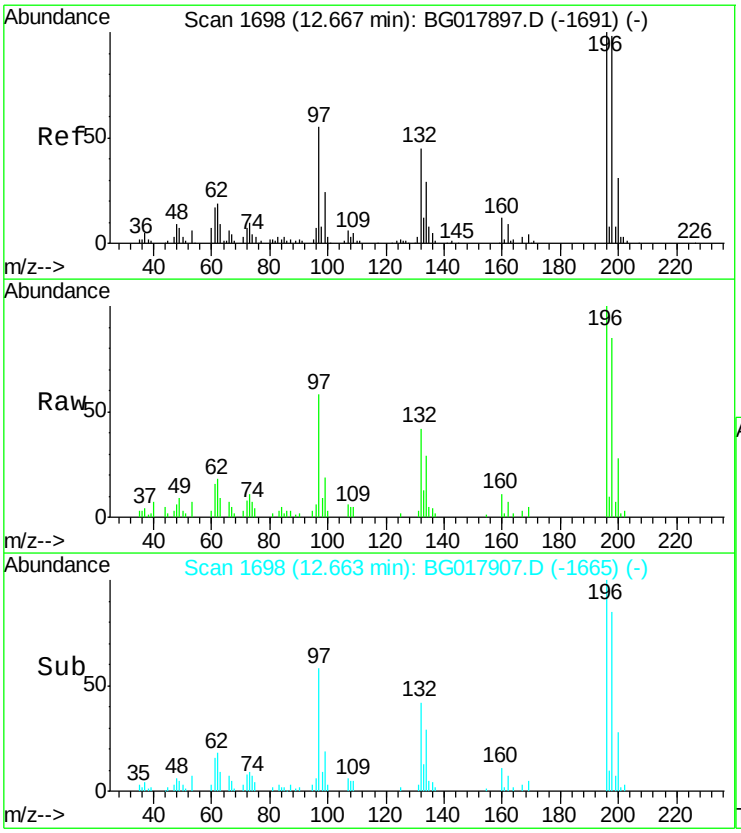
Tgt Ion:237 Resp: 15009

Ion	Ratio	Lower	Upper
237	100		
235	61.1	52.4	78.6
272	14.2	9.1	13.7#

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

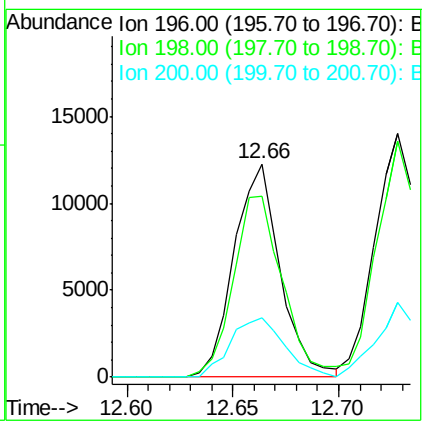


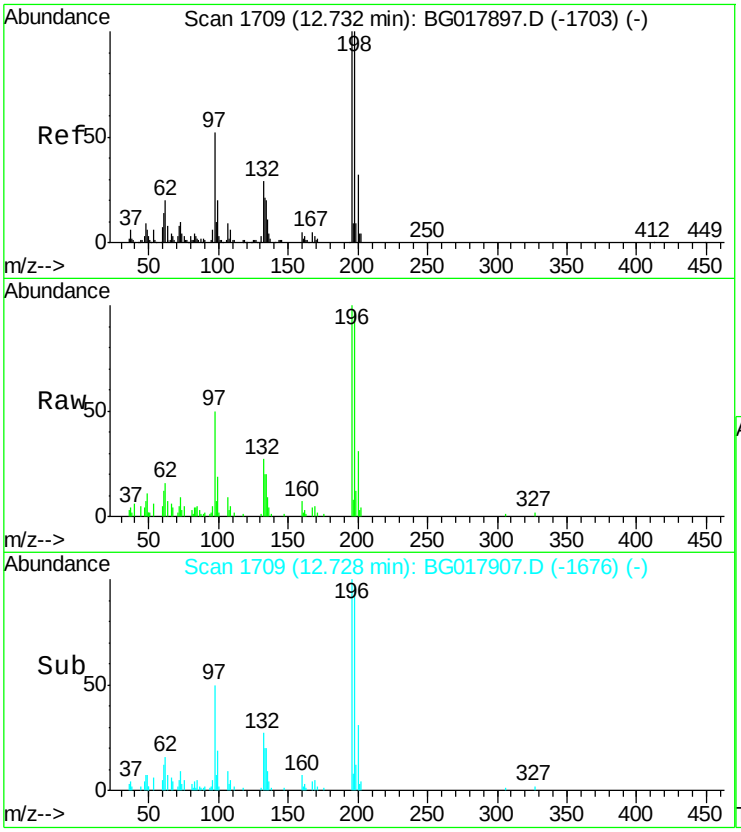


#38
2,4,6-Trichlorophenol
Concen: 5.29 ng/ul
RT: 12.66 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:196 Resp: 18489

Ion	Ratio	Lower	Upper
196	100		
198	84.8	69.0	103.4
200	27.9	22.2	33.4

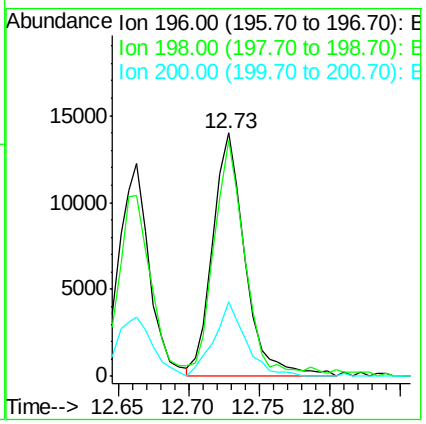




#39
2,4,5-Trichlorophenol
Concen: 5.88 ng/ul
RT: 12.73 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

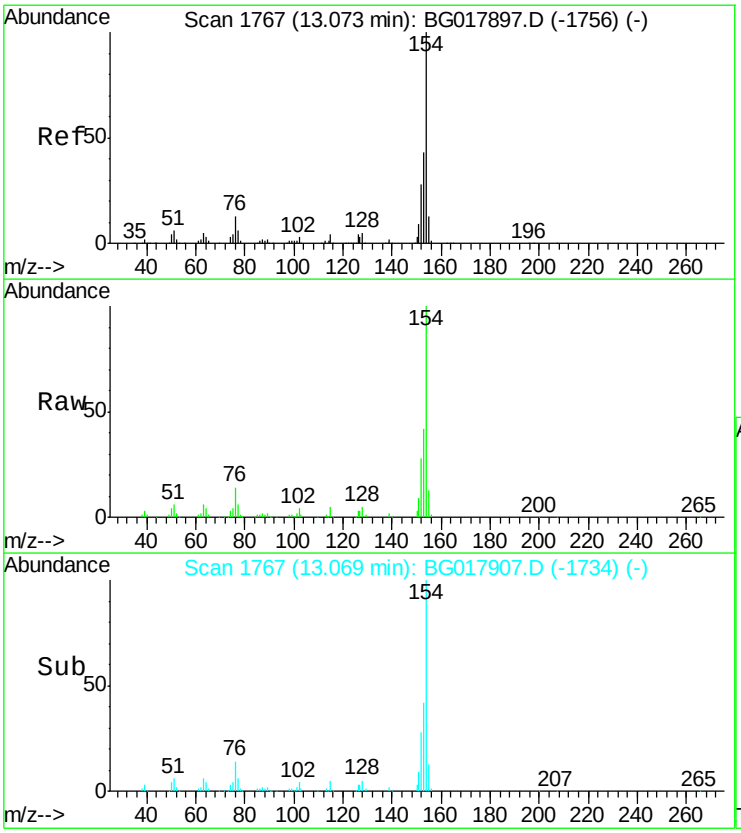
Tgt Ion:196 Resp: 22413

Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.3	114.5
200	30.6	25.4	38.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

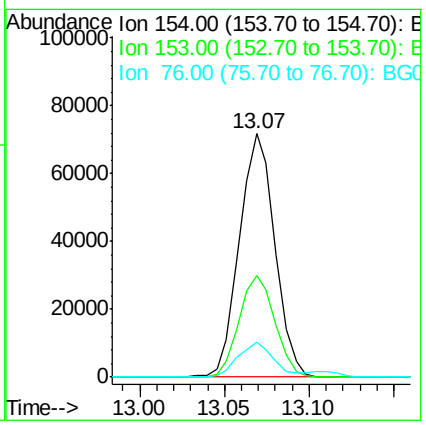
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

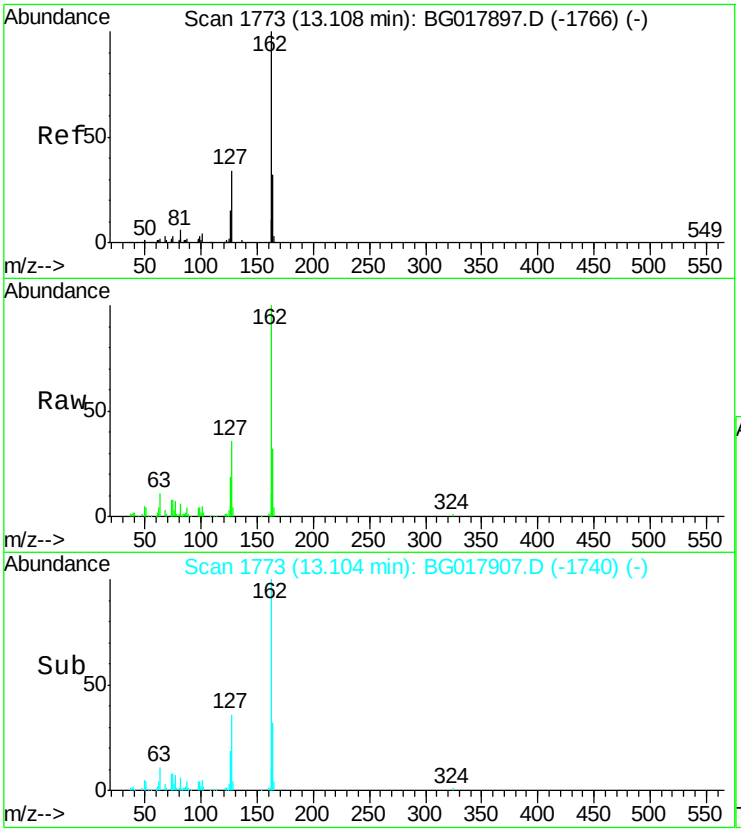


#40
1,1'-Biphenyl
Concen: 5.52 ng/ul
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:154 Resp: 104663

Ion	Ratio	Lower	Upper
154	100		
153	41.8	35.0	52.6
76	14.4	14.0	21.0

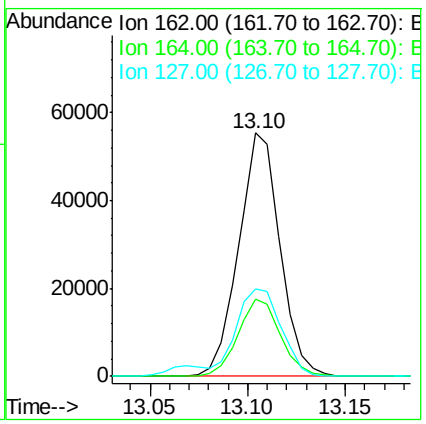




#41
2-Chloronaphthalene
Concen: 5.57 ng/ul
RT: 13.10 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

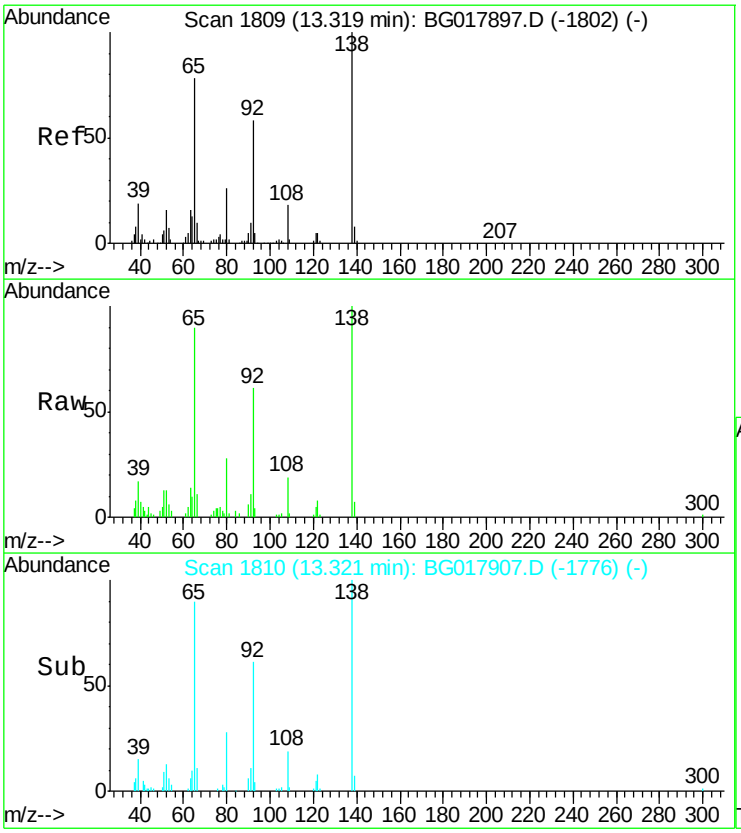
Tgt Ion:162 Resp: 81010

Ion	Ratio	Lower	Upper
162	100		
164	31.7	22.9	34.3
127	35.7	32.7	49.1



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

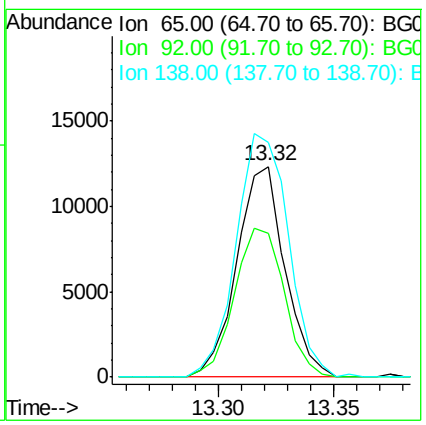
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

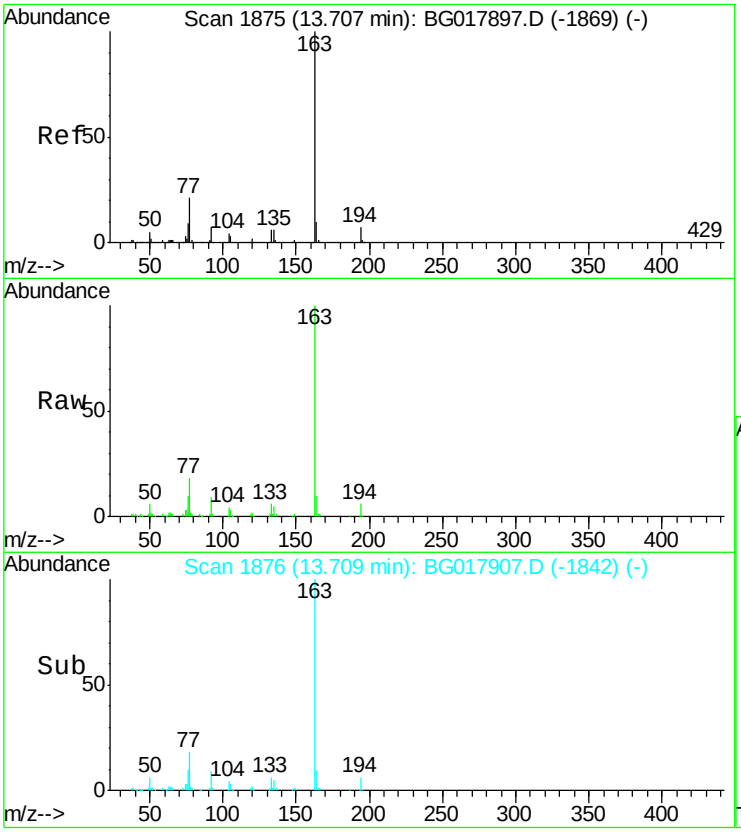


#42
2-Nitroaniline
Concen: 4.20 ng/ul
RT: 13.32 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion: 65 Resp: 17933

Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.7	80.5
138	111.6	81.8	122.8

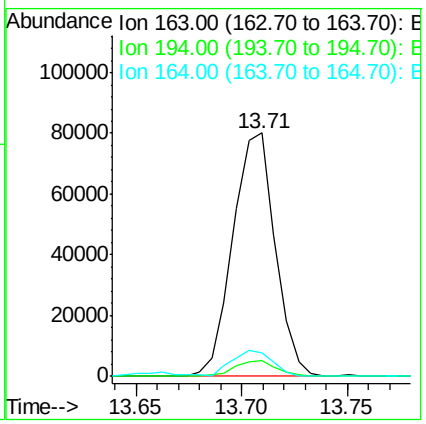




#44
Dimethylphthalate
Concen: 6.20 ng/ul
RT: 13.71 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

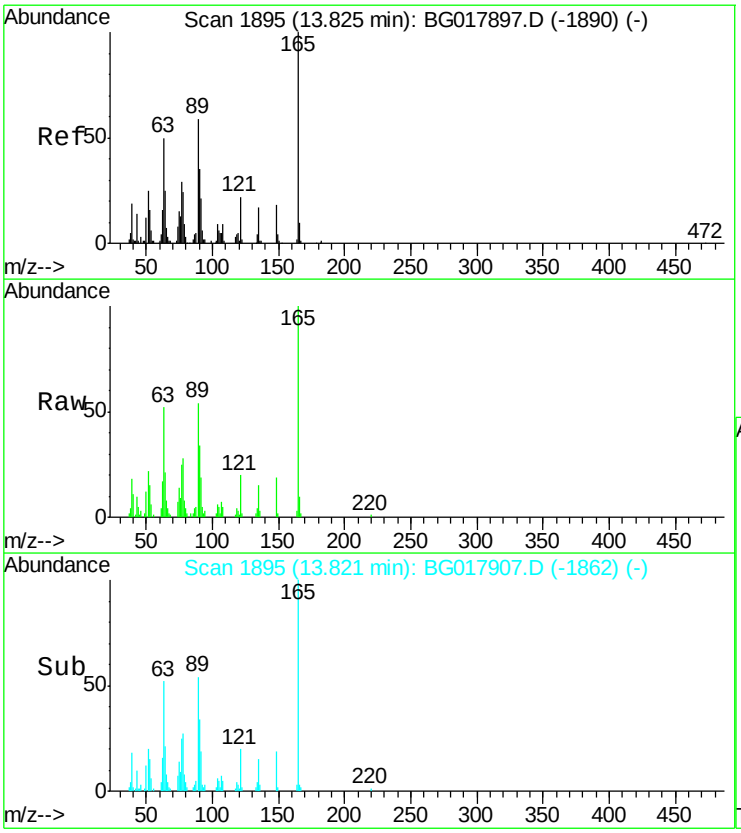
Tgt Ion:163 Resp: 111281

Ion	Ratio	Lower	Upper
163	100		
194	6.2	5.4	8.0
164	9.6	8.0	12.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

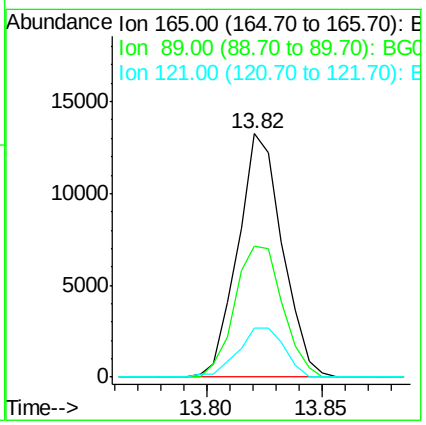
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

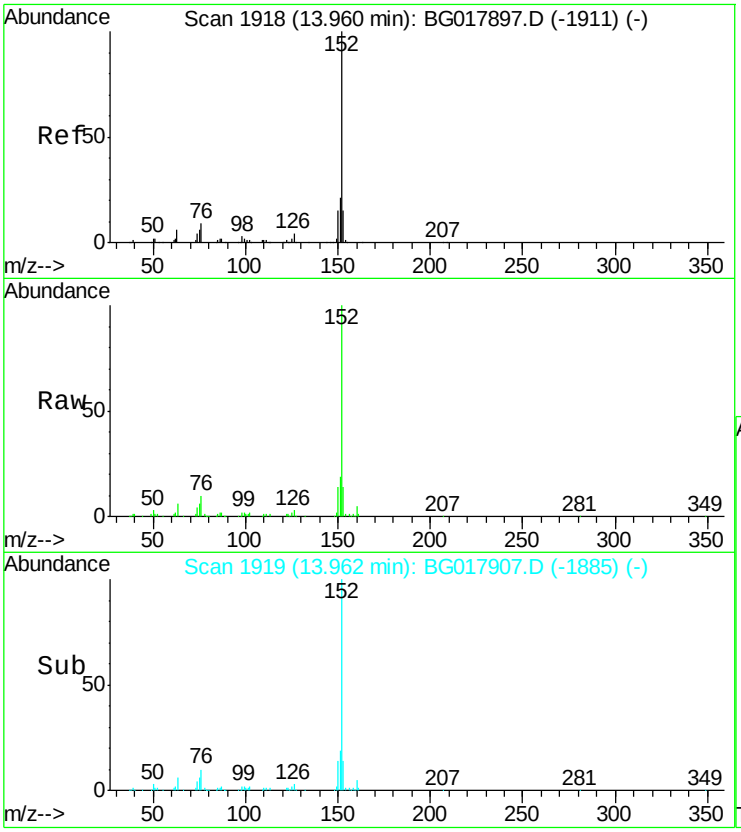


#45
2,6-Dinitrotoluene
Concen: 5.47 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:165 Resp: 17865

Ion	Ratio	Lower	Upper
165	100		
89	53.5	55.4	83.2#
121	20.1	20.6	30.8#

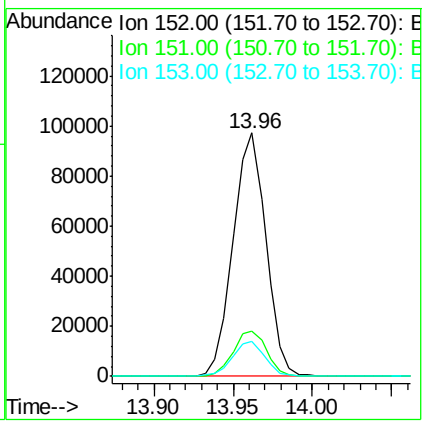




#47
Acenaphthylene
Concen: 5.69 ng/ul
RT: 13.96 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

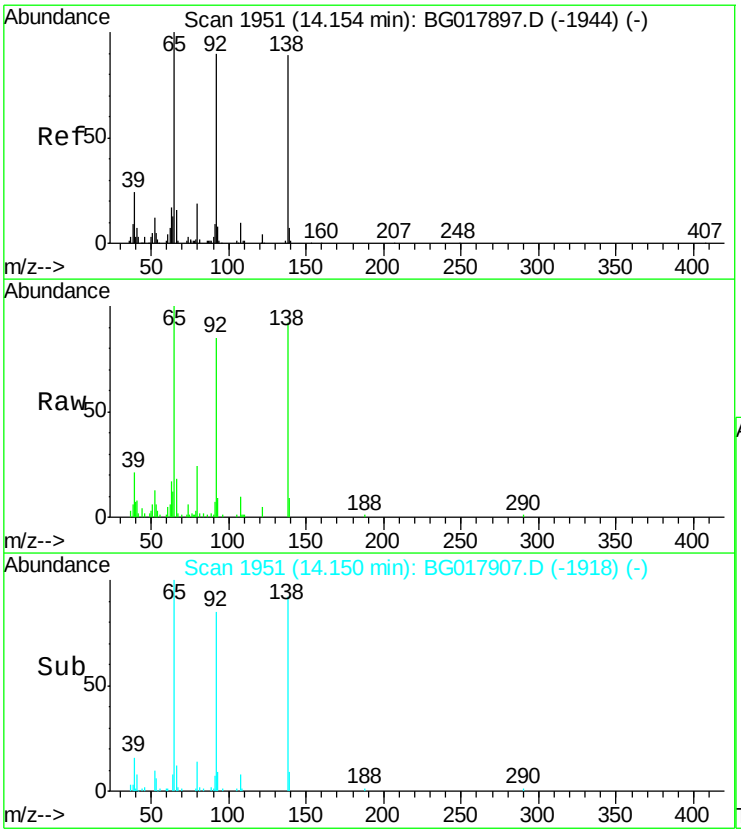
Tgt Ion:152 Resp: 139671

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.3	24.5
153	14.2	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

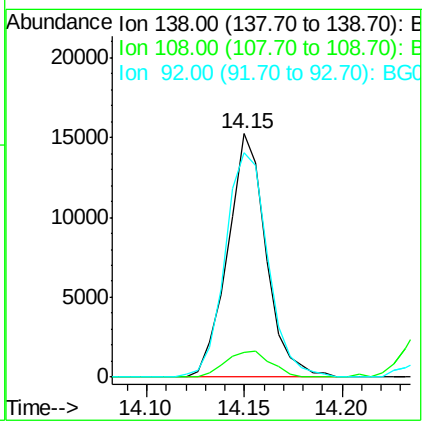
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

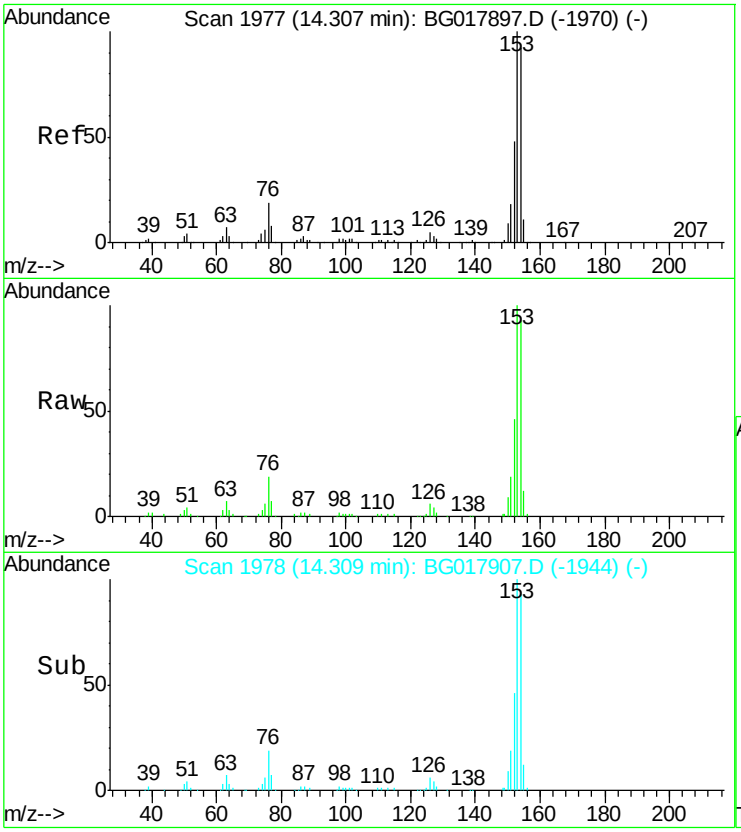


#48
3-Nitroaniline
Concen: 5.57 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:138 Resp: 20744

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	91.9	84.3	126.5

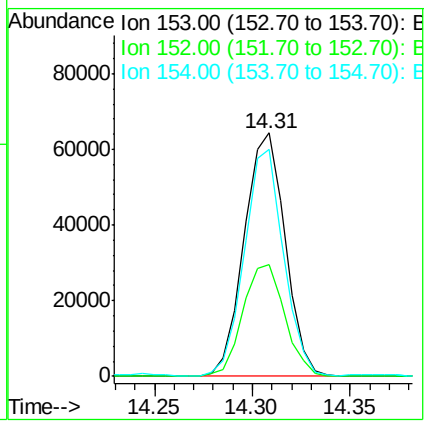




#49
Acenaphthene
Concen: 5.67 ng/ul
RT: 14.31 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

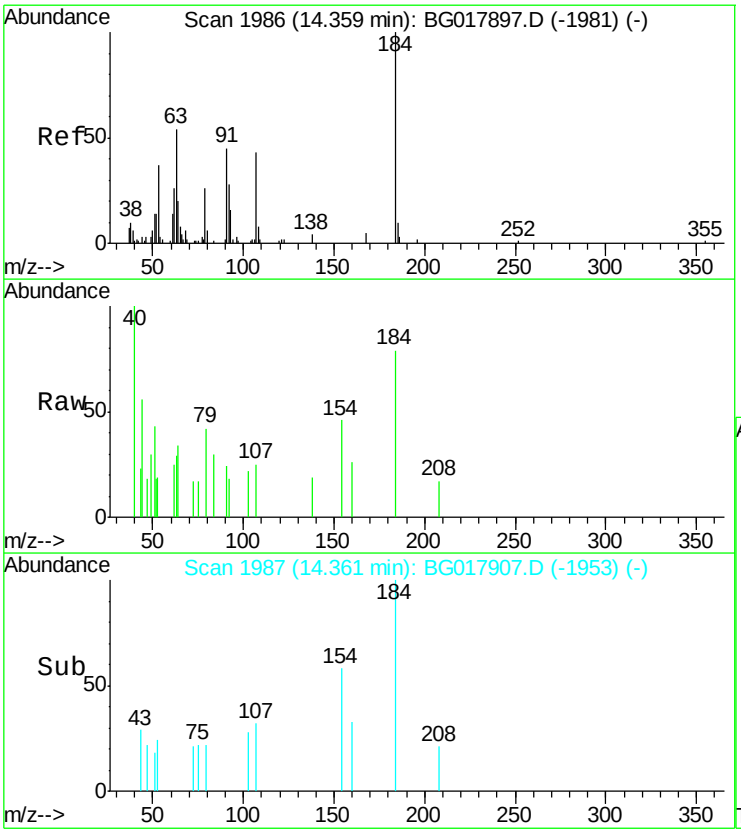
Tgt Ion:153 Resp: 93626

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.8	56.6
154	93.4	71.0	106.4



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

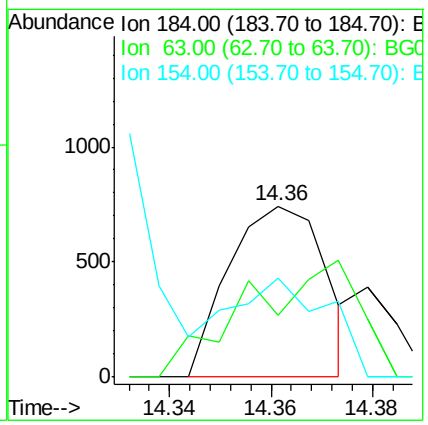
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

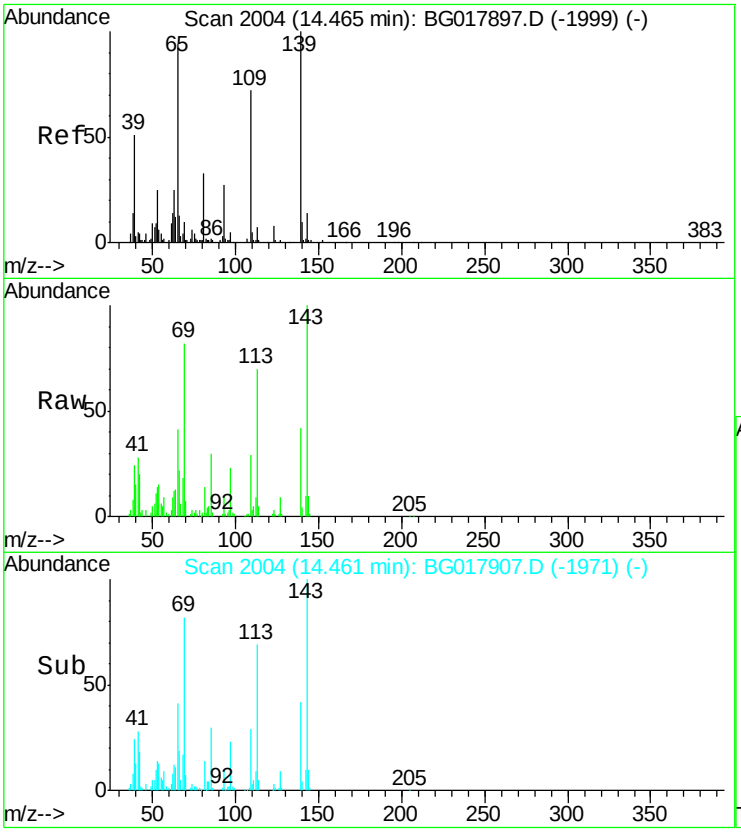


#50
2,4-Dinitrophenol
Concen: 0.71 ng/ul
RT: 14.36 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:184 Resp: 981

Ion	Ratio	Lower	Upper
184	100		
63	36.4	60.3	90.5#
154	58.1	48.7	73.1

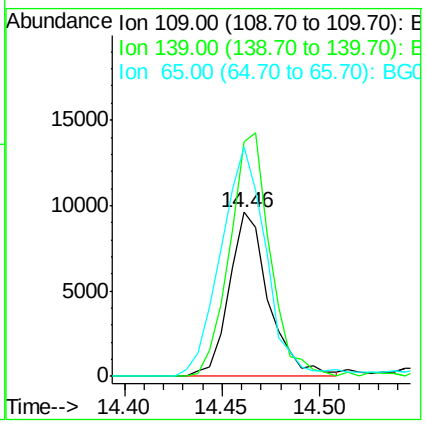




#52
4-Nitrophenol
Concen: 4.95 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

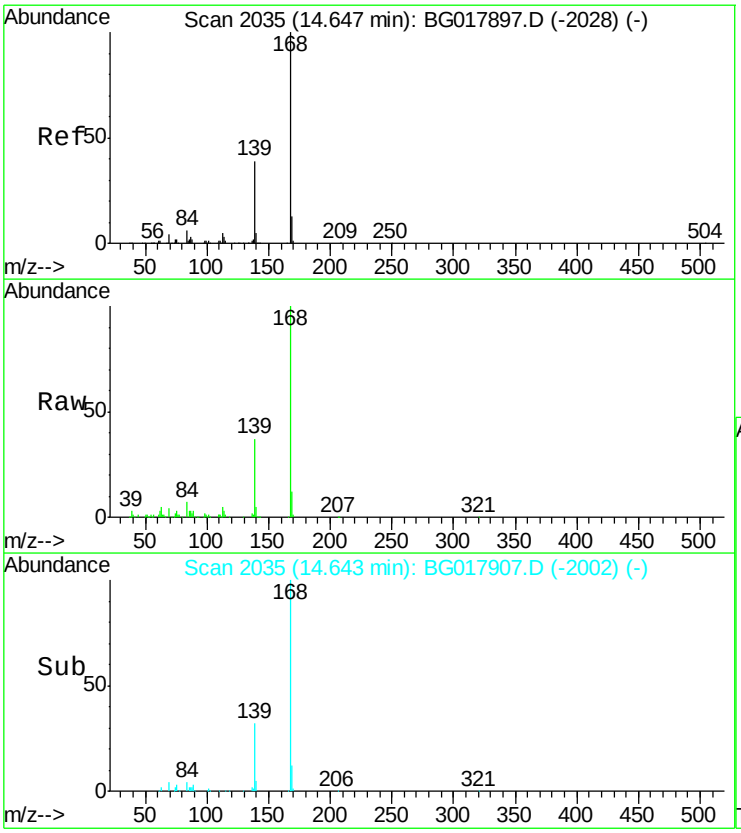
Tgt Ion:109 Resp: 13518

Ion	Ratio	Lower	Upper
109	100		
139	142.8	96.9	145.3
65	140.0	121.1	181.7



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

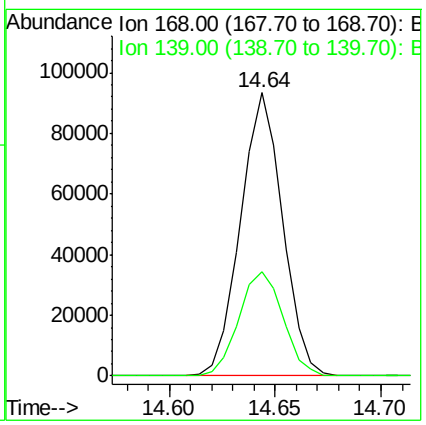
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

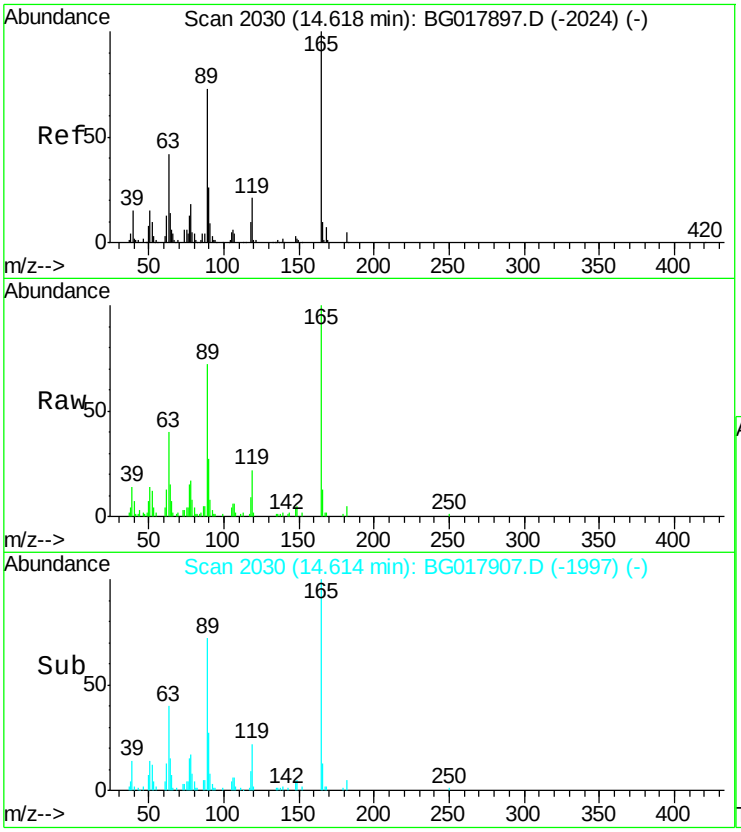


#53
Dibenzofuran
Concen: 5.94 ng/ul
RT: 14.64 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:168 Resp: 129069

Ion	Ratio	Lower	Upper
168	100		
139	36.7	33.6	50.4

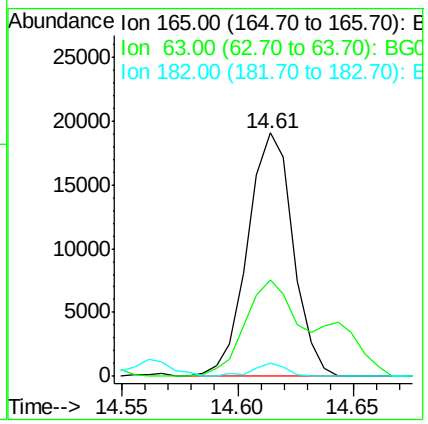




#54
2,4-Dinitrotoluene
Concen: 5.60 ng/ul
RT: 14.61 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

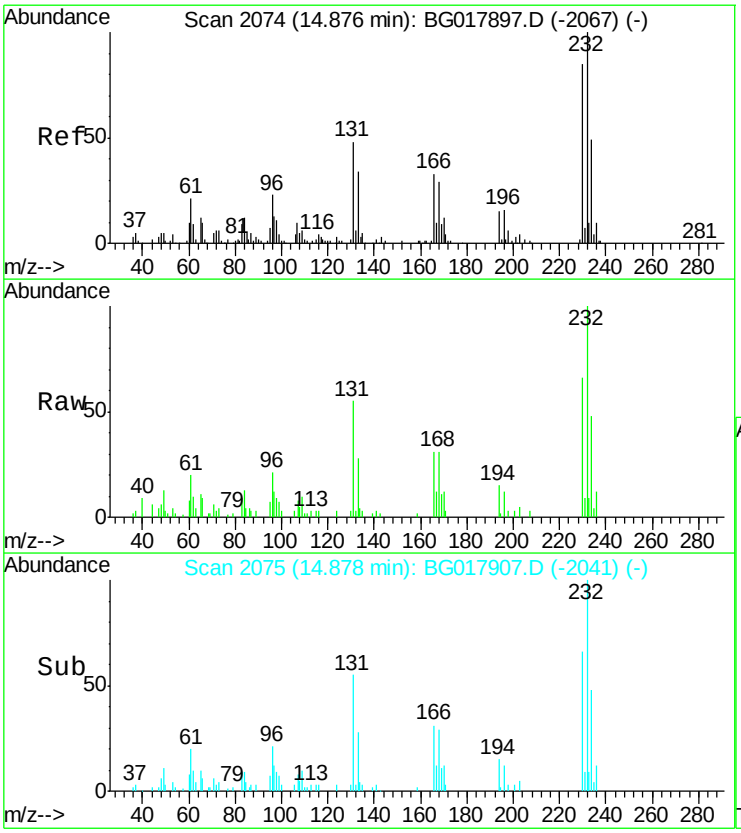
Tgt Ion:165 Resp: 26232

Ion	Ratio	Lower	Upper
165	100		
63	39.5	48.0	72.0#
182	5.2	3.7	5.5



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

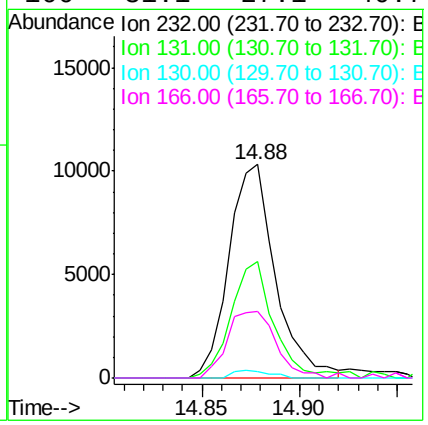
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

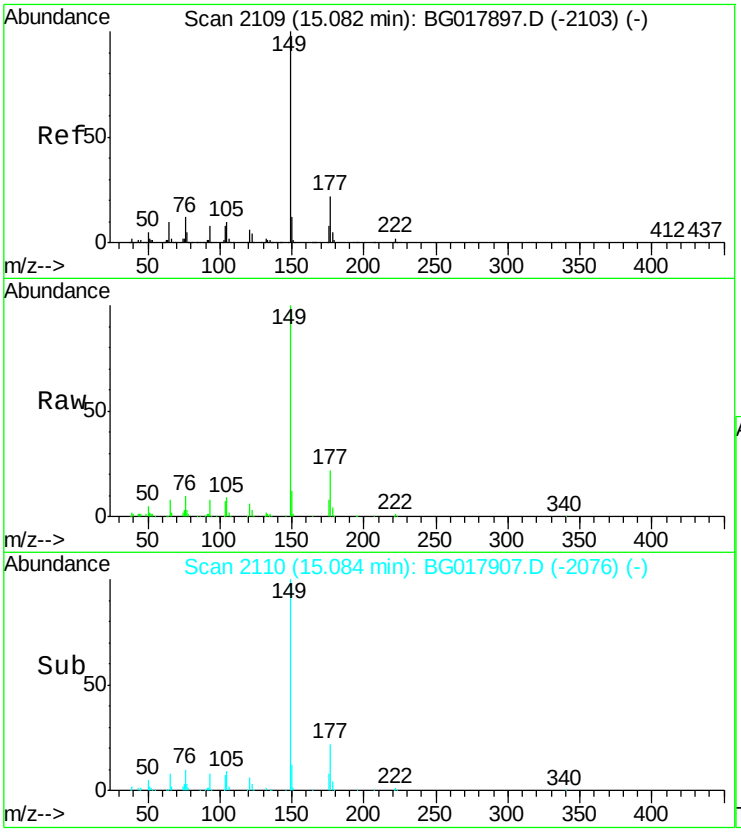


#55
2,3,4,6-Tetrachlorophenol
Concen: 5.79 ng/ul
RT: 14.88 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:232 Resp: 17046

Ion	Ratio	Lower	Upper
232	100		
131	54.6	50.1	75.1
130	3.2	2.4	3.6
166	31.1	27.1	40.7

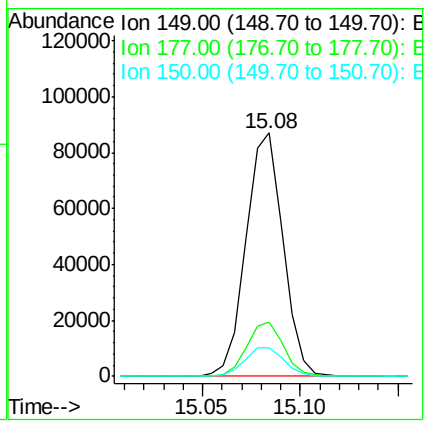




#56
Diethylphthalate
Concen: 6.19 ng/ul
RT: 15.08 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

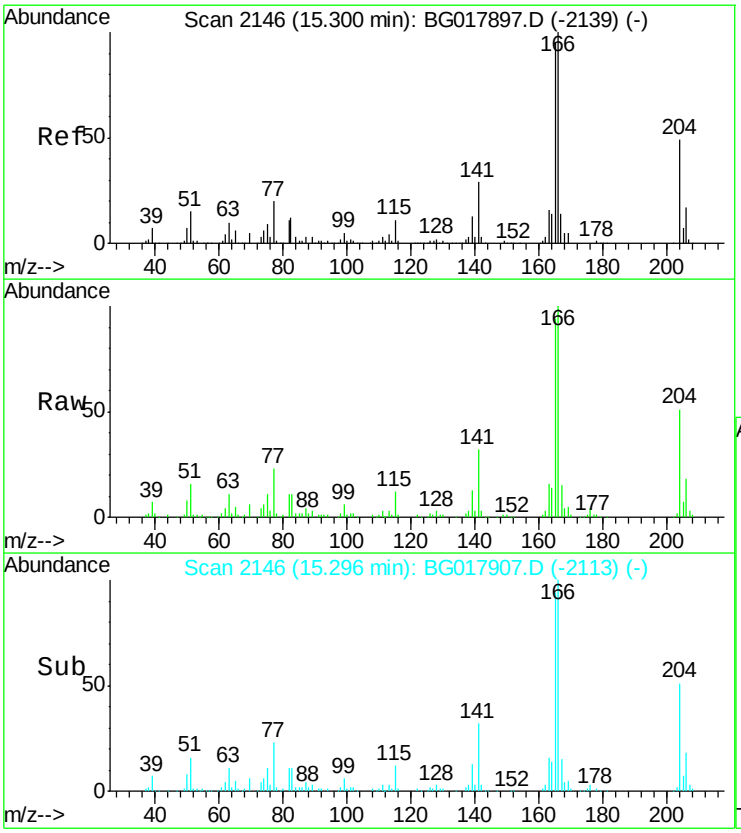
Tgt Ion:149 Resp: 114385

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.5	26.3
150	11.8	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

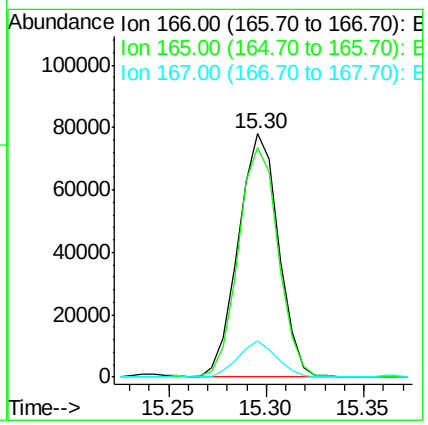
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

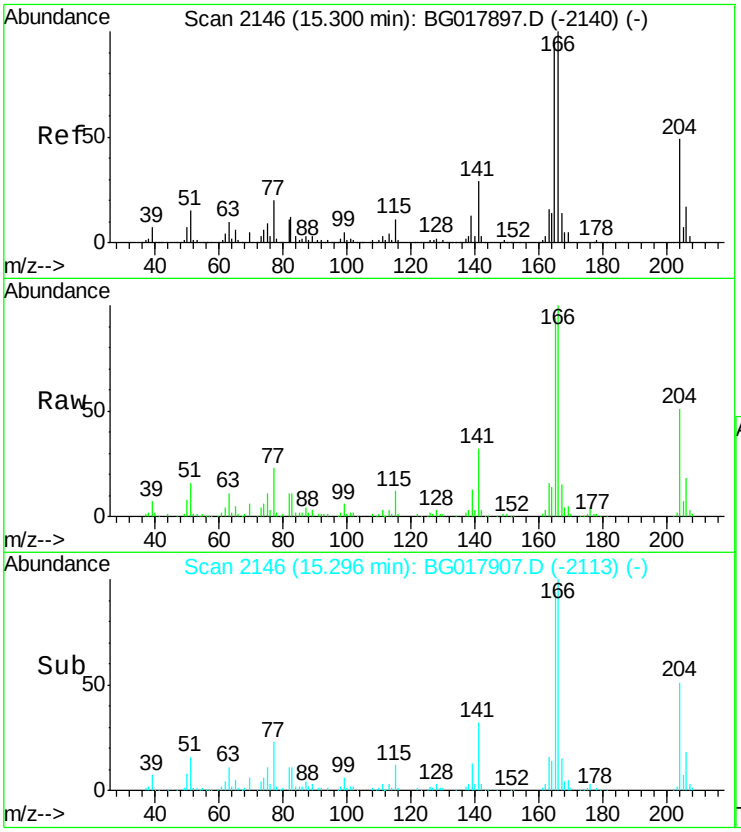


#58
Fluorene
Concen: 5.91 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:166 Resp: 111615

Ion	Ratio	Lower	Upper
166	100		
165	94.2	73.3	109.9
167	14.9	11.0	16.4

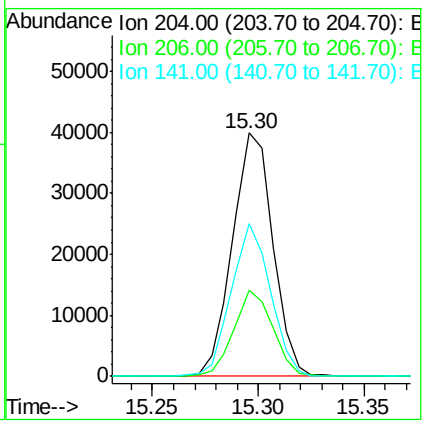




#59
4-Chlorophenyl-phenylether
Concen: 6.05 ng/ul
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

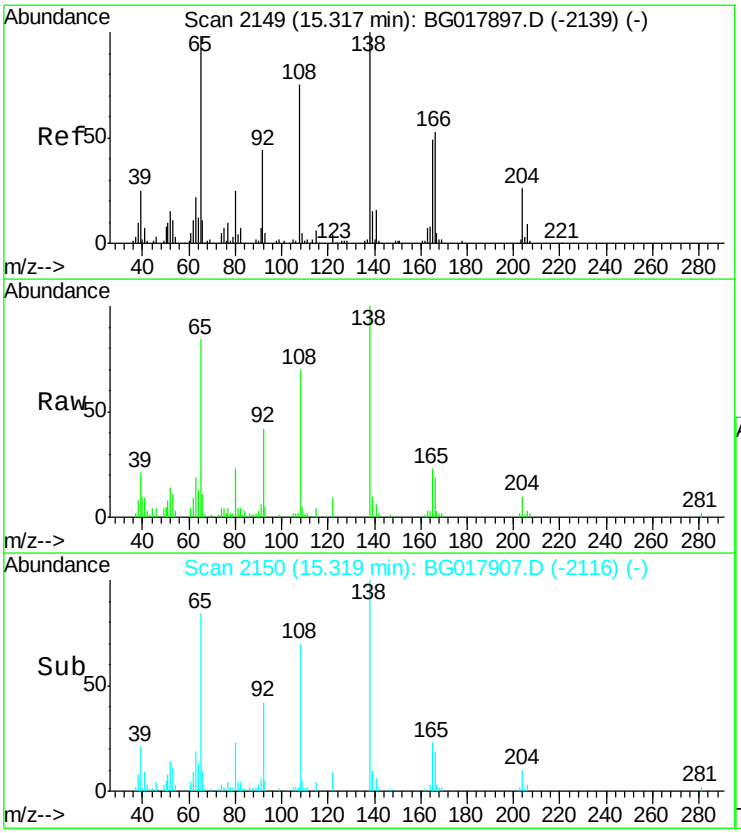
Tgt Ion:204 Resp: 53096

Ion	Ratio	Lower	Upper
204	100		
206	35.2	25.7	38.5
141	62.7	52.5	78.7



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

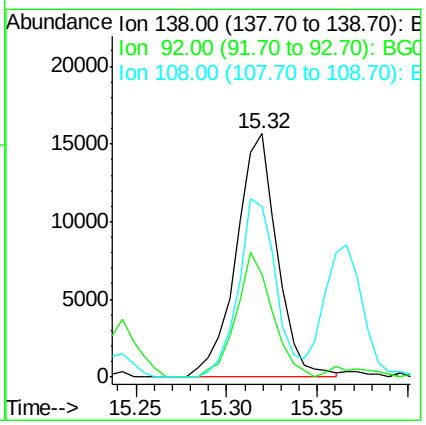
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

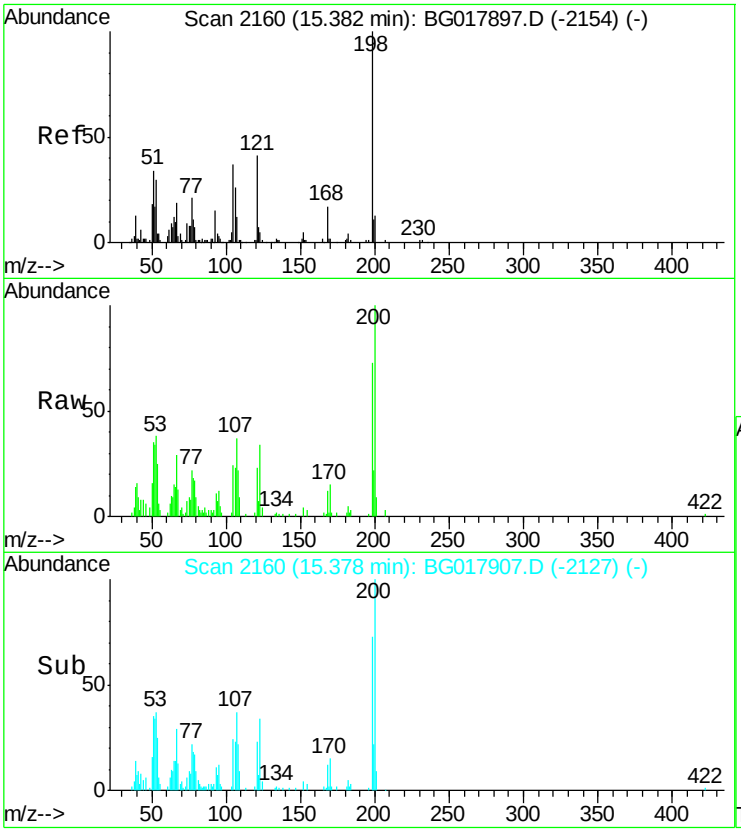


#60
4-Nitroaniline
Concen: 5.54 ng/ul
RT: 15.32 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:138 Resp: 24576

Ion	Ratio	Lower	Upper
138	100		
92	42.3	38.6	58.0
108	70.0	62.0	93.0





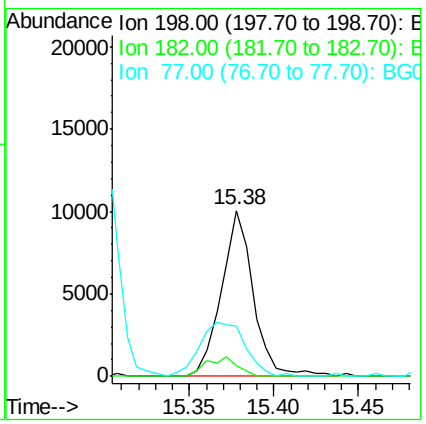
#63
4,6-Dinitro-2-methylphenol
Concen: 4.83 ng/ul
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

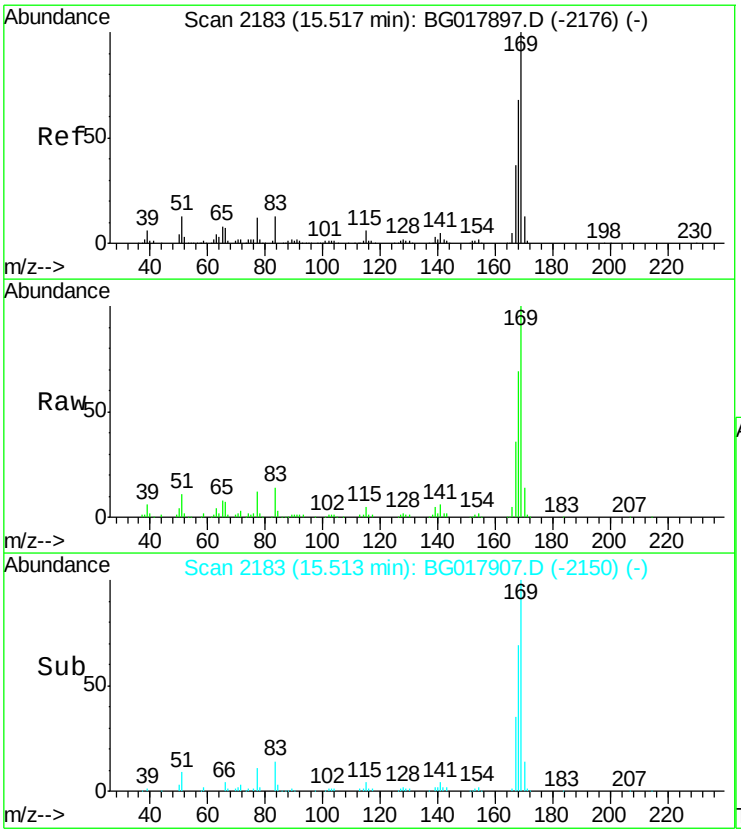
Tgt Ion:198 Resp: 13203

Ion	Ratio	Lower	Upper
198	100		
182	6.4	3.8	5.8#
77	30.6	25.8	38.6

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

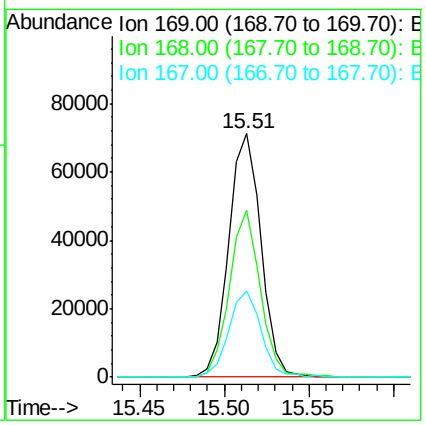


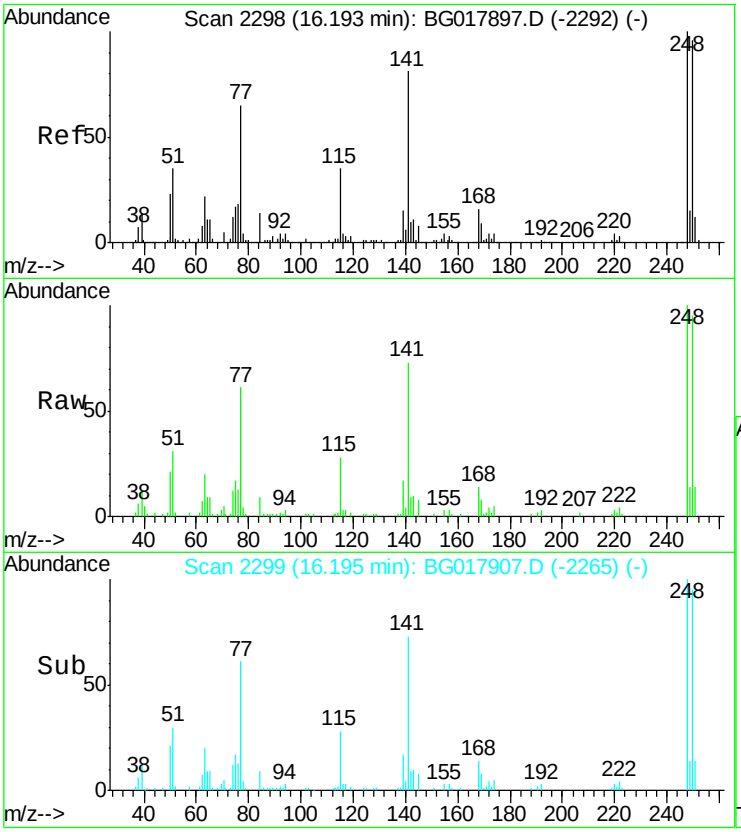


#64
N-Nitrosodiphenylamine
Concen: 5.92 ng/ul
RT: 15.51 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:169 Resp: 94457

Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.7	80.5
167	35.5	29.8	44.8





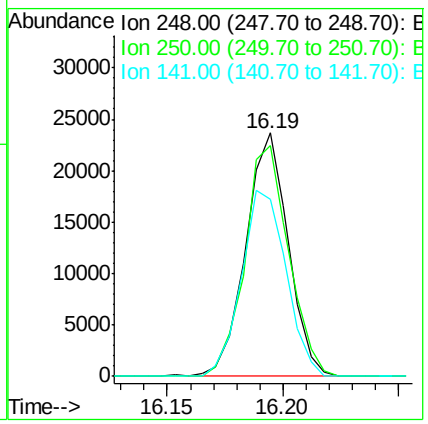
#65
4-Bromophenyl-phenylether
Concen: 6.01 ng/ul
RT: 16.19 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

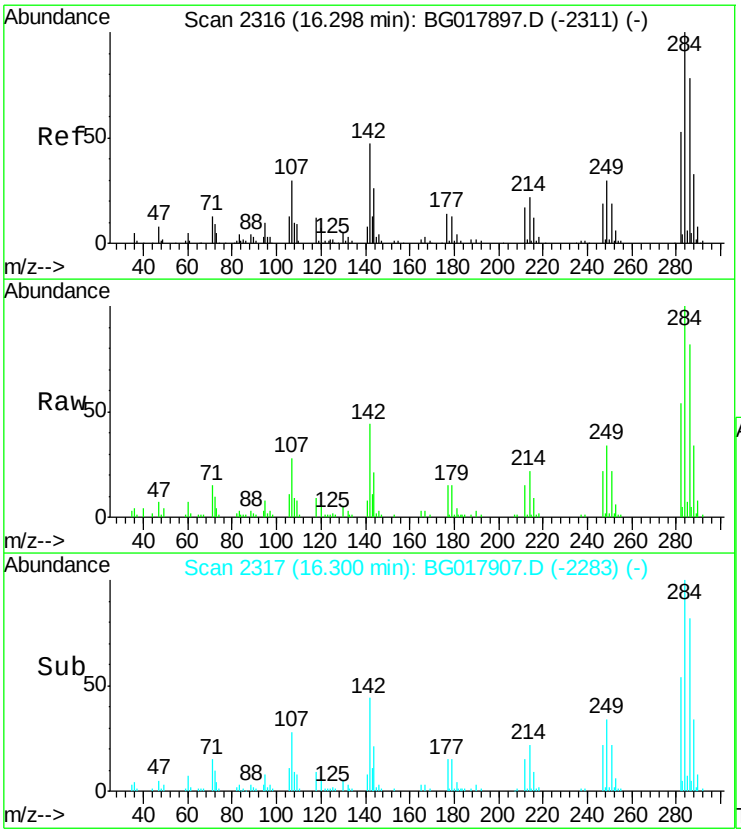
Tgt Ion:248 Resp: 30216

Ion	Ratio	Lower	Upper
248	100		
250	94.6	81.8	122.6
141	72.9	77.6	116.4#

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

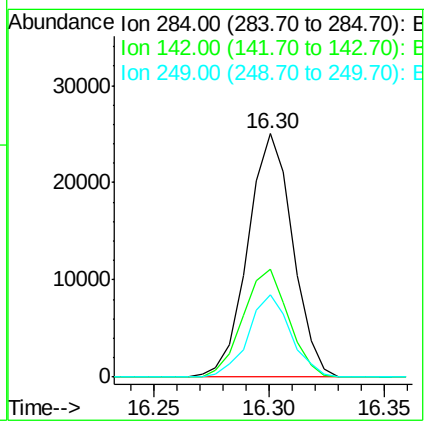


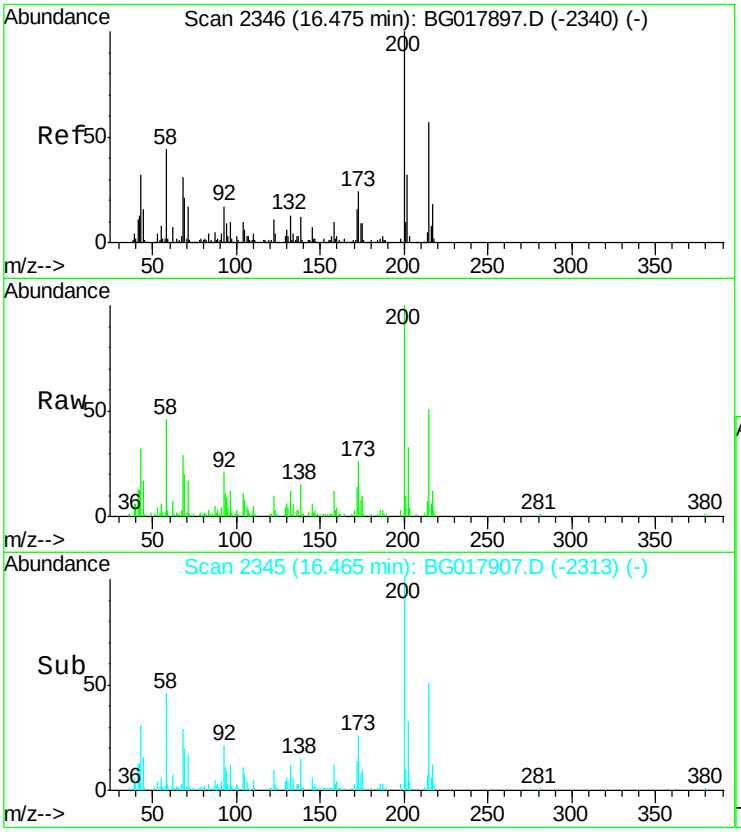


#66
Hexachlorobenzene
Concen: 6.22 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:284 Resp: 33938

Ion	Ratio	Lower	Upper
284	100		
142	44.3	41.8	62.6
249	34.1	23.3	34.9

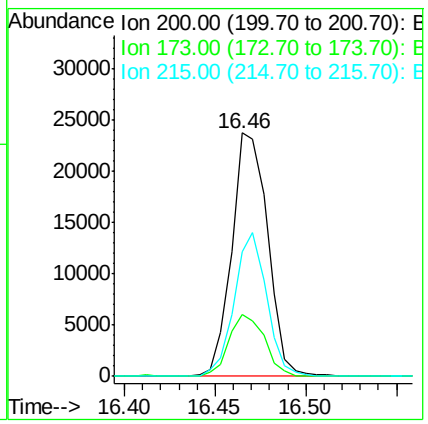




#67
Atrazine
Concen: 6.00 ng/ul
RT: 16.46 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

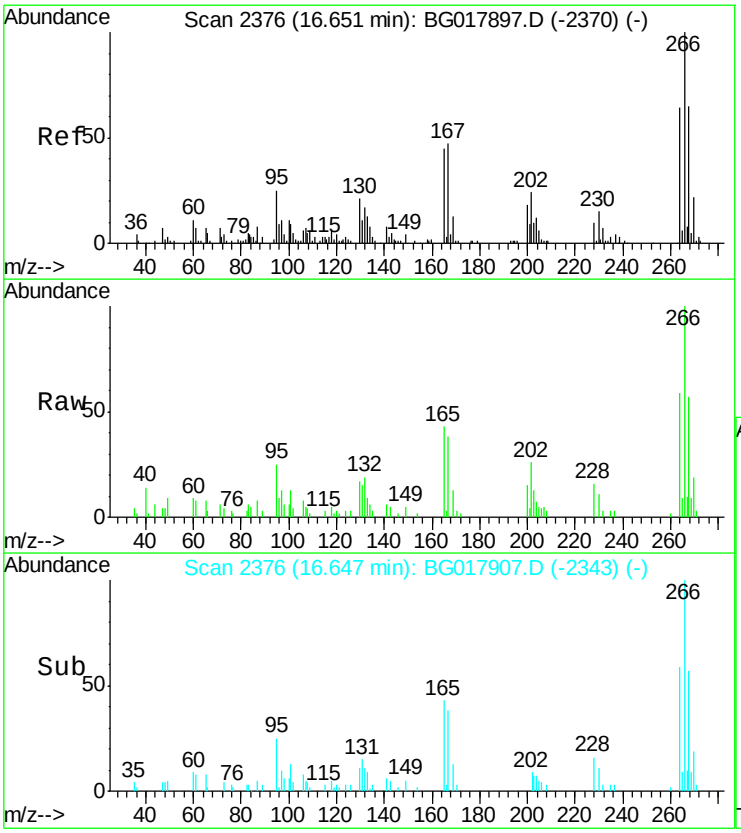
Tgt Ion:200 Resp: 32816

Ion	Ratio	Lower	Upper
200	100		
173	25.6	20.6	30.8
215	51.2	40.0	60.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

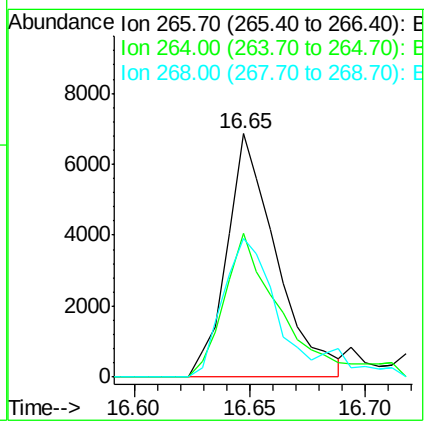
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

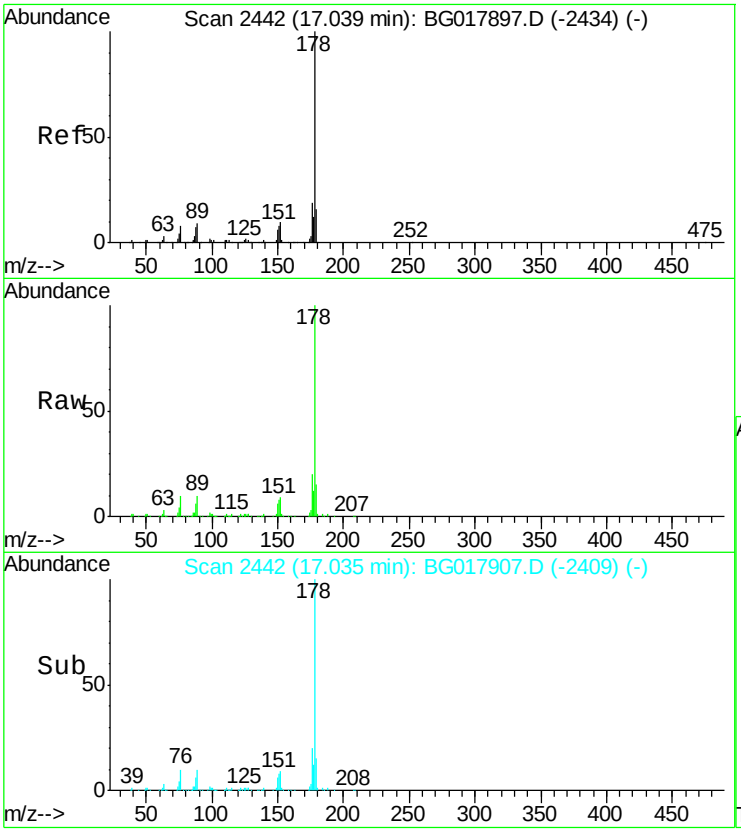


#68
Pentachlorophenol
Concen: 3.78 ng/ul
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:266 Resp: 10220

Ion	Ratio	Lower	Upper
266	100		
264	58.8	52.0	78.0
268	57.1	57.3	85.9#

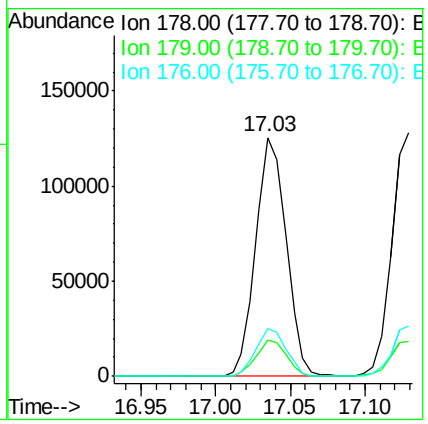




#69
Phenanthrene
Concen: 6.15 ng/ul
RT: 17.03 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

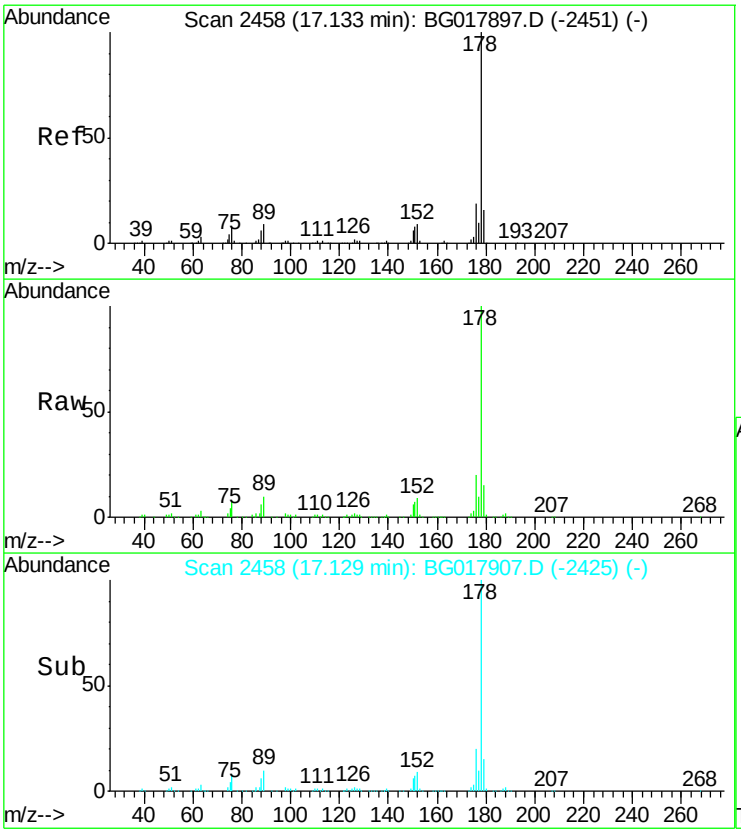
Tgt Ion:178 Resp: 177782

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	18.8
176	19.9	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

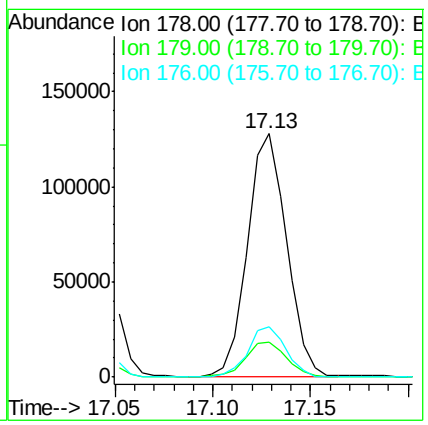
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

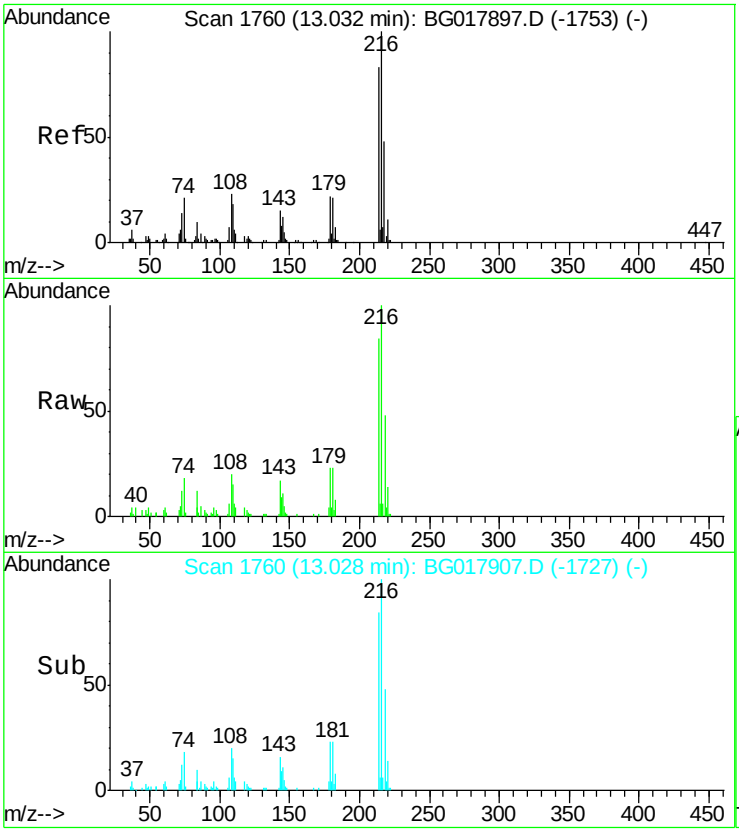


#71
Anthracene
Concen: 6.01 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:178 Resp: 178039

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	20.5	16.5	24.7

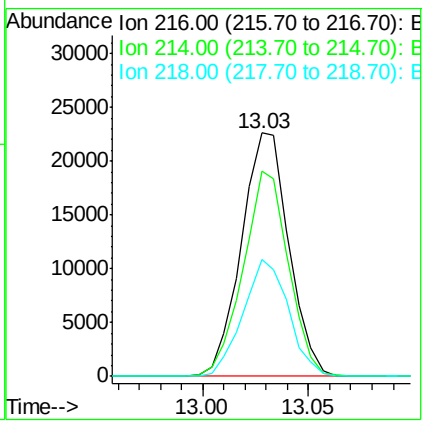




#72
1,2,3,4-Tetrachlorobenzene
Concen: 5.29 ng/uL
RT: 13.03 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

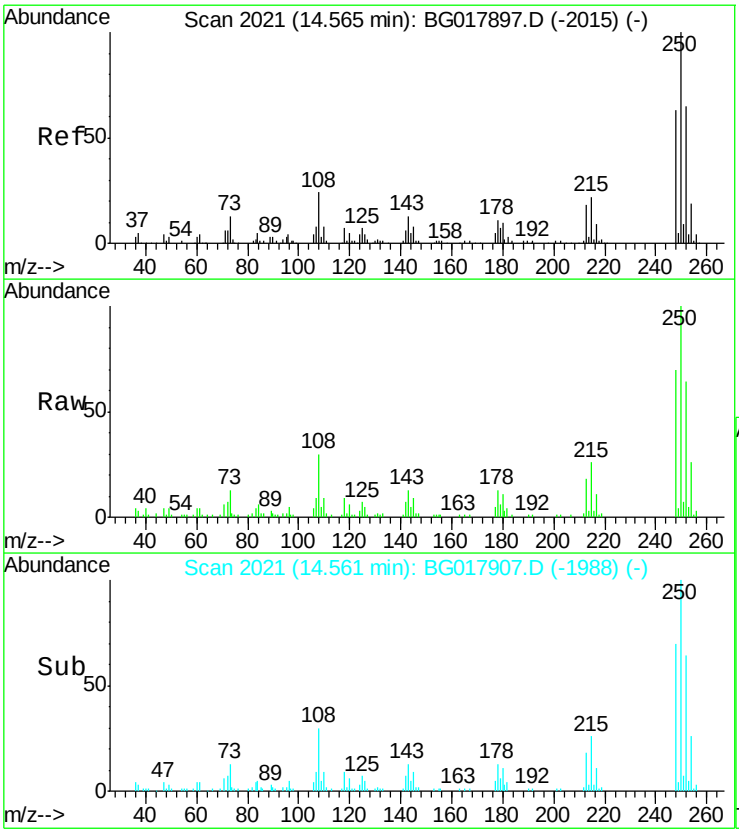
Tgt Ion:216 Resp: 35242

Ion	Ratio	Lower	Upper
216	100		
214	84.1	59.0	88.6
218	47.8	35.8	53.6



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

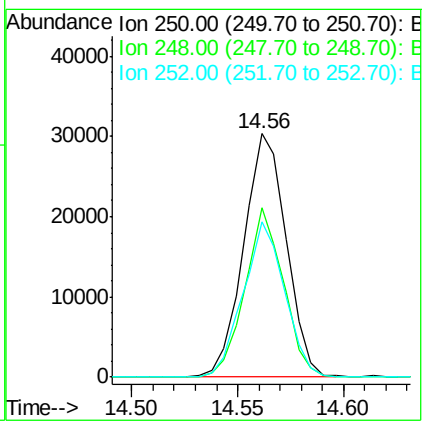
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

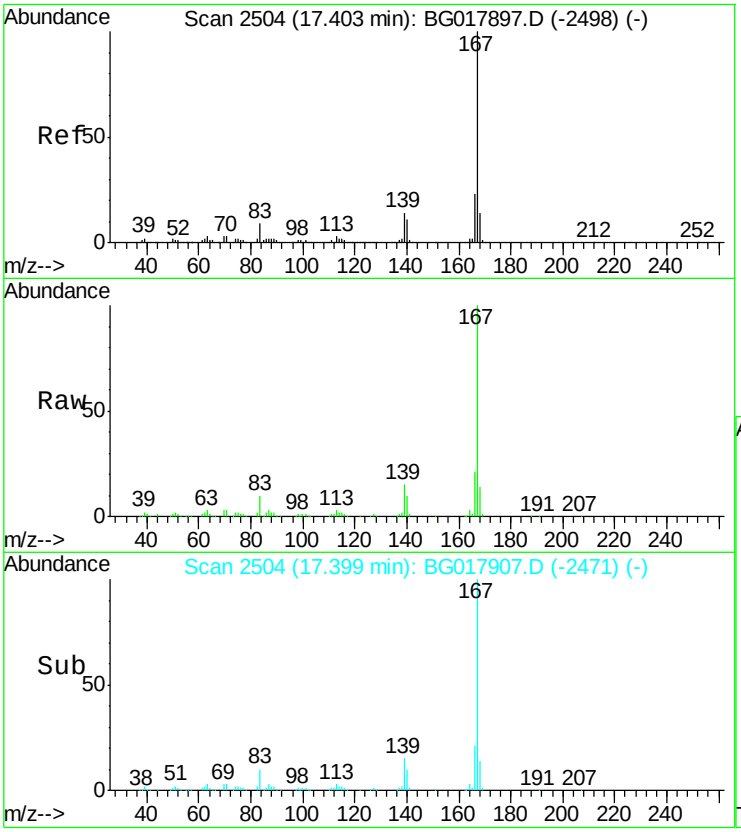


#73
Pentachlorobenzene
Concen: 6.65 ng/uL
RT: 14.56 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:250 Resp: 42555

Ion	Ratio	Lower	Upper
250	100		
248	69.8	48.8	73.2
252	63.6	48.2	72.2

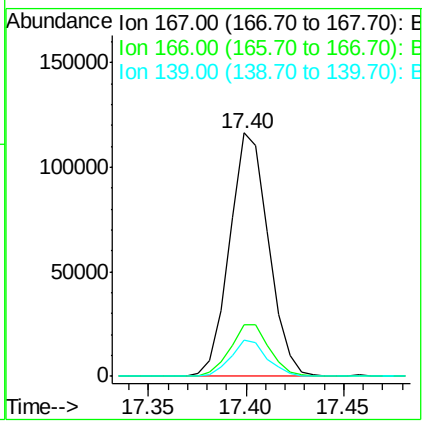




#74
Carbazole
Concen: 6.21 ng/ul
RT: 17.40 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

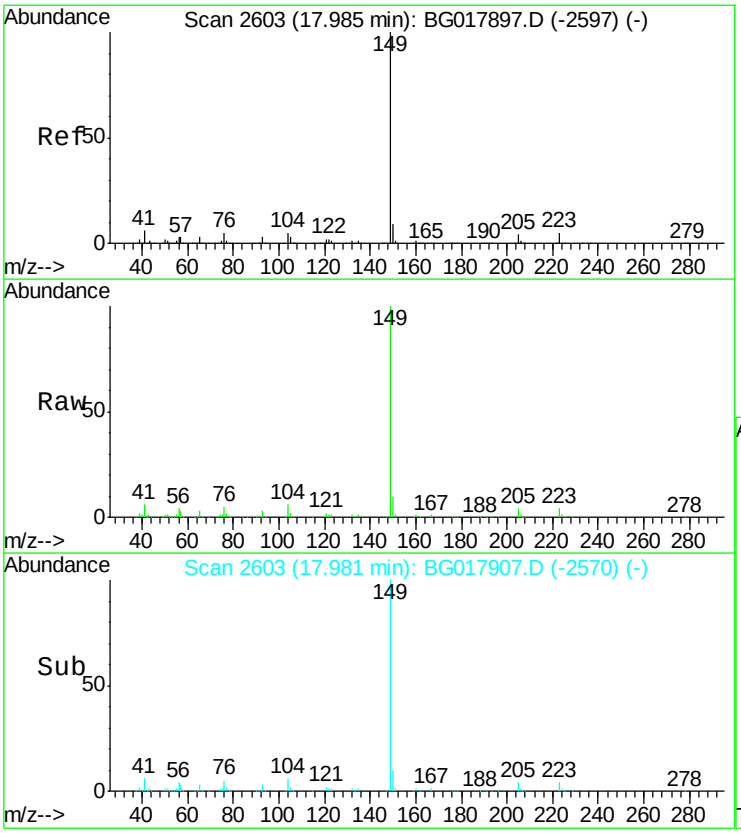
Tgt Ion:167 Resp: 160368

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	14.8	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

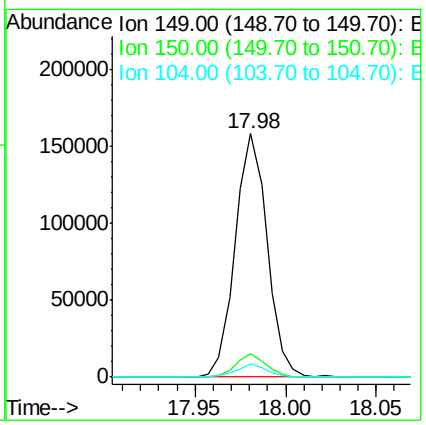
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

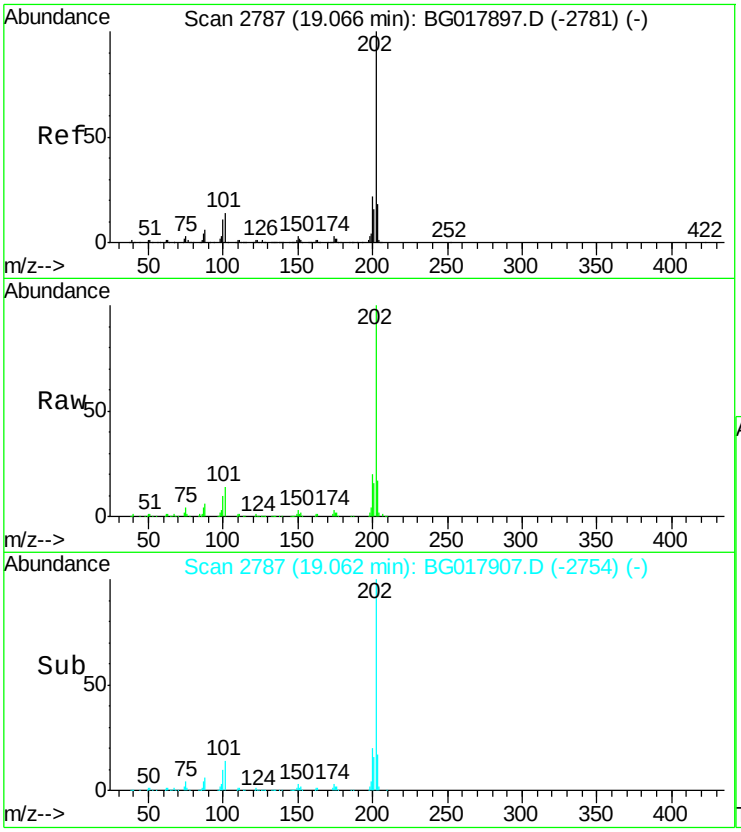


#75
Di-n-butylphthalate
Concen: 6.03 ng/ul
RT: 17.98 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:149 Resp: 195398

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.5	5.4	8.2

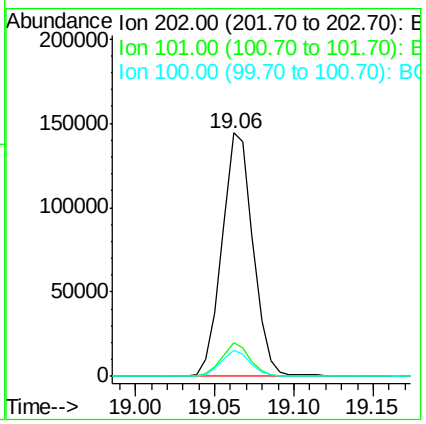




#76
Fluoranthene
Concen: 6.65 ng/ul
RT: 19.06 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

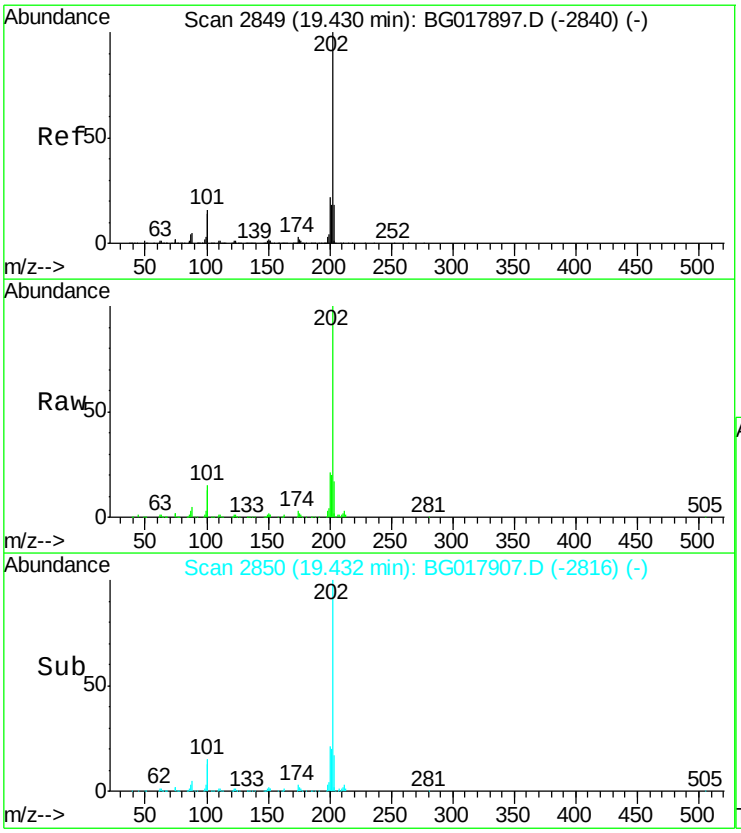
Tgt Ion:202 Resp: 195273

Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.3	18.5
100	10.5	9.2	13.8



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

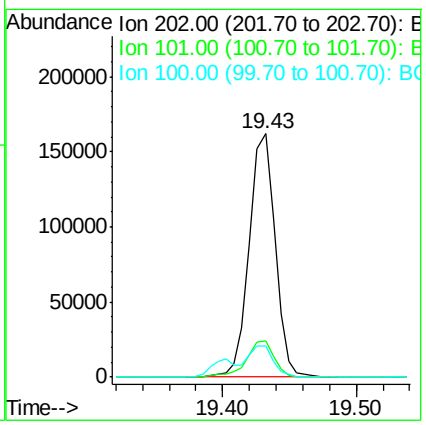
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

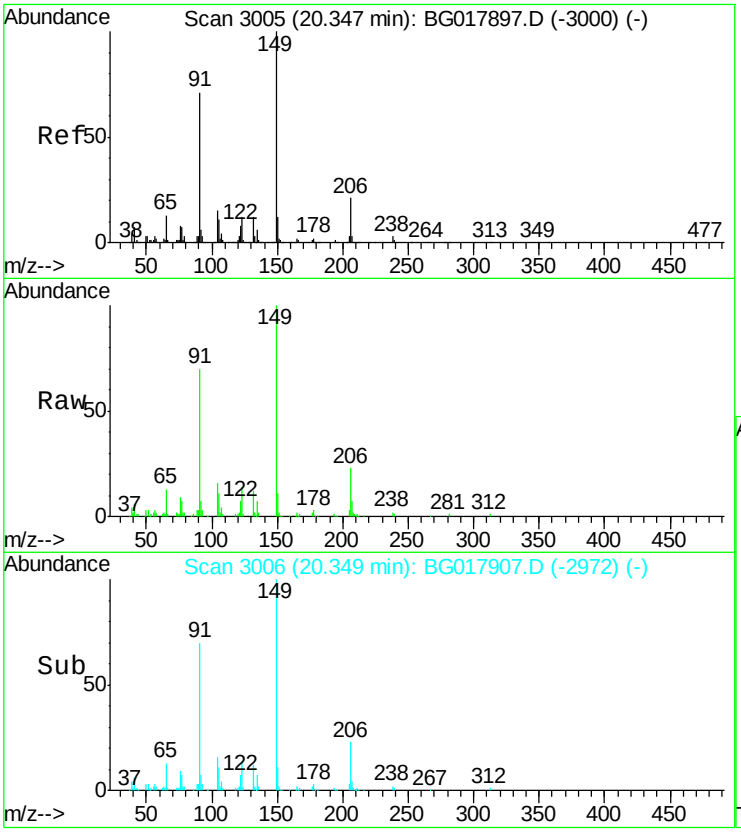


#79
Pyrene
Concen: 6.56 ng/ul
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:202 Resp: 216904

Ion	Ratio	Lower	Upper
202	100		
101	14.8	13.8	20.6
100	12.8	11.2	16.8





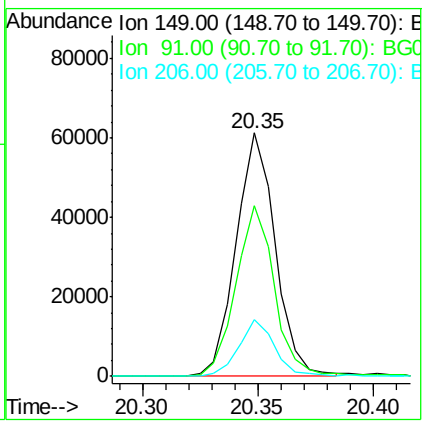
#80
Butylbenzylphthalate
Concen: 5.44 ng/ul
RT: 20.35 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

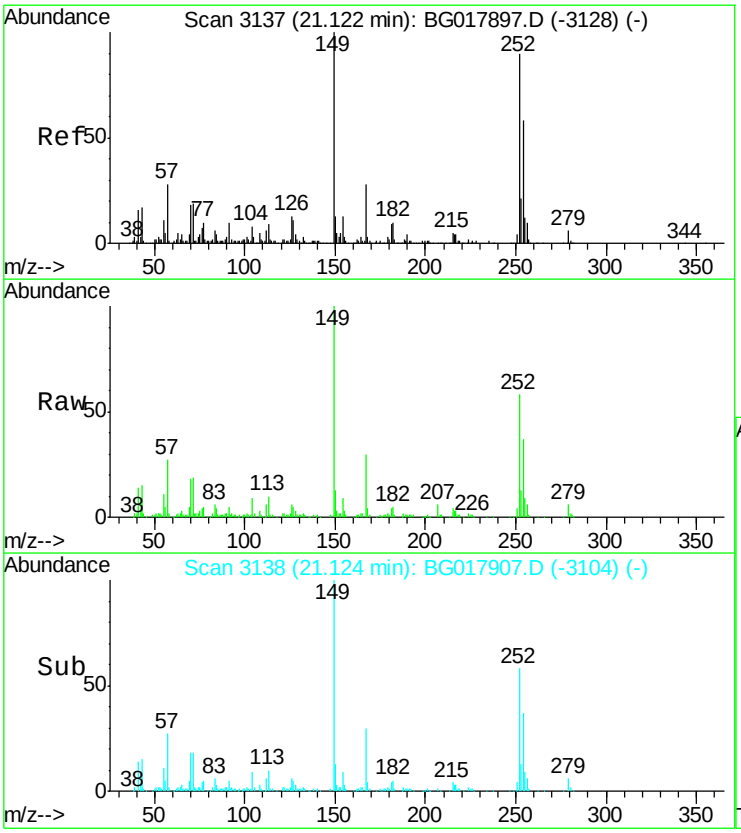
Tgt Ion:149 Resp: 72618

Ion	Ratio	Lower	Upper
149	100		
91	69.9	64.3	96.5
206	23.5	15.3	22.9#

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

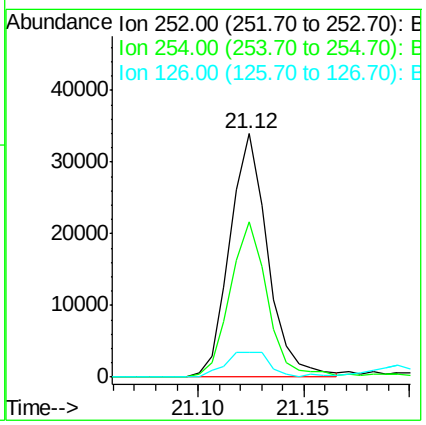


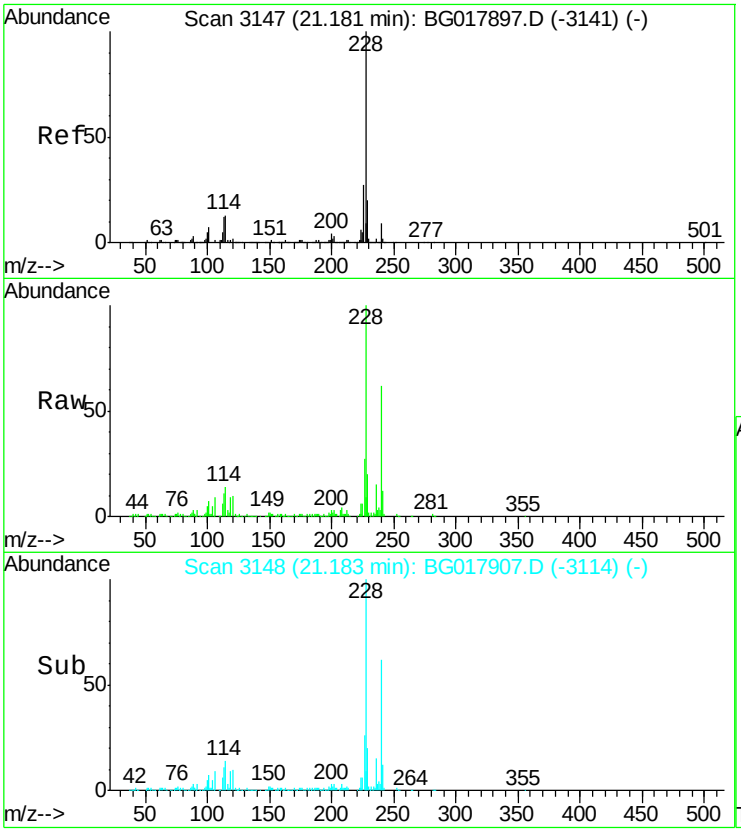


#81
3,3'-Dichlorobenzidine
Concen: 5.26 ng/ul
RT: 21.12 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:252 Resp: 42325

Ion	Ratio	Lower	Upper
252	100		
254	64.0	54.2	81.2
126	10.1	13.3	19.9#

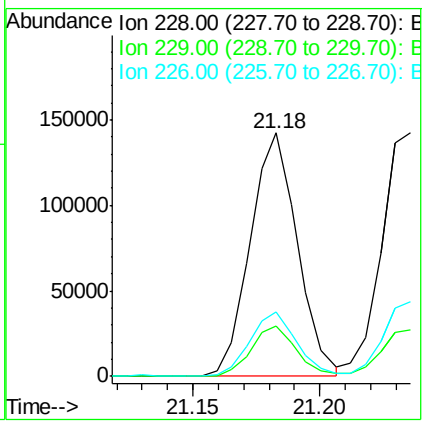




#82
Benzo(a)anthracene
Concen: 6.21 ng/ul
RT: 21.18 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

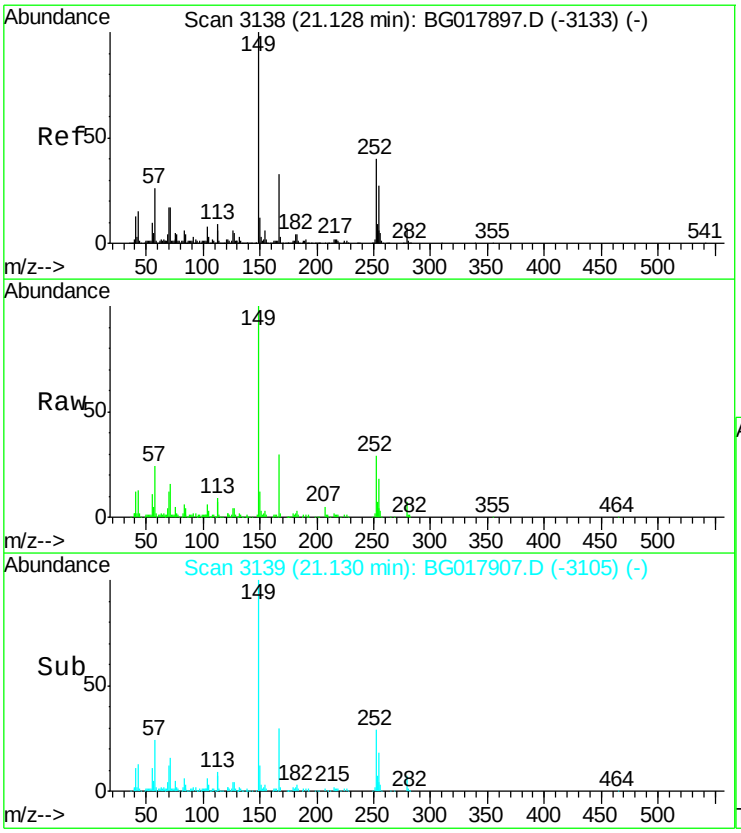
Tgt Ion:228 Resp: 183950

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.5	24.7
226	26.6	22.0	33.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

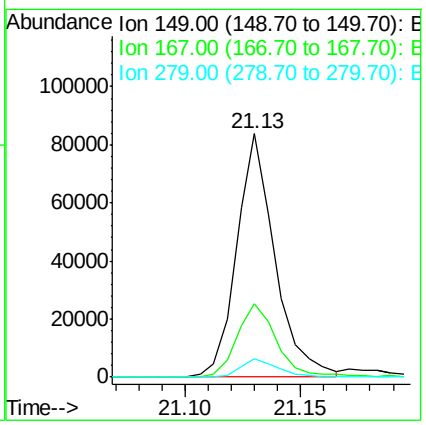
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

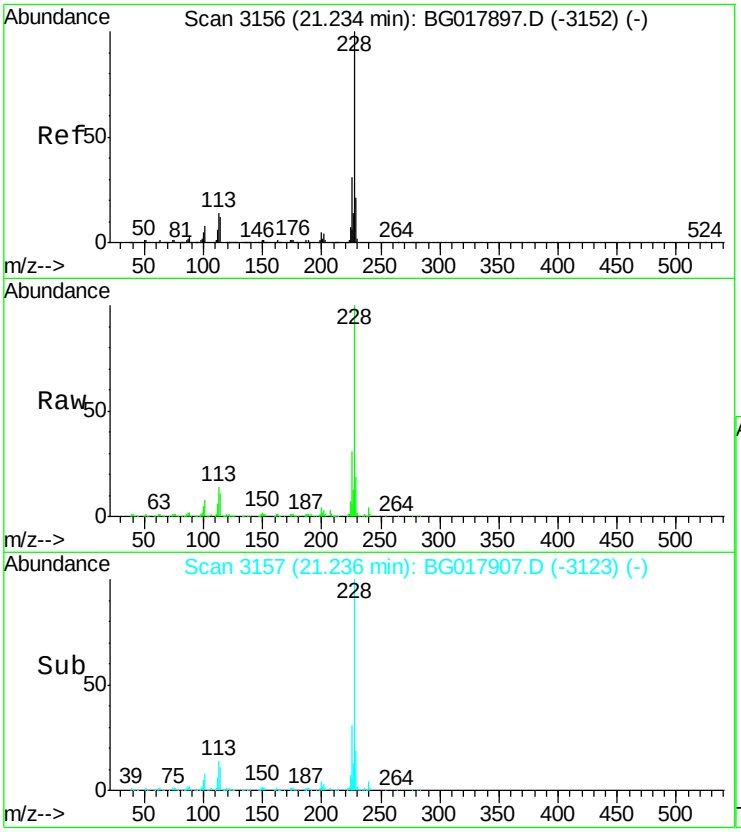


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.22 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:149 Resp: 96568

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.9	34.3
279	7.5	5.8	8.6





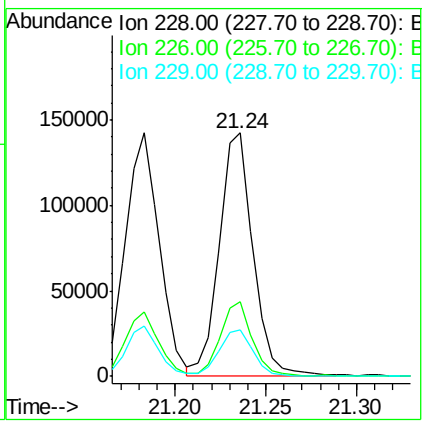
#84
Chrysene
Concen: 6.47 ng/ul
RT: 21.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

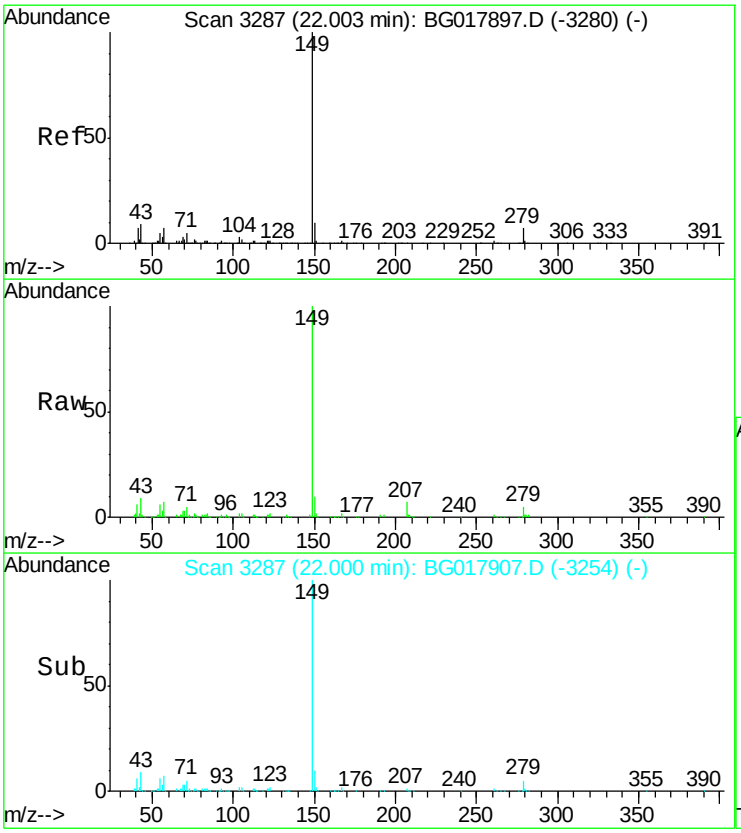
Tgt Ion:228 Resp: 184080

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	19.4	15.4	23.2

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

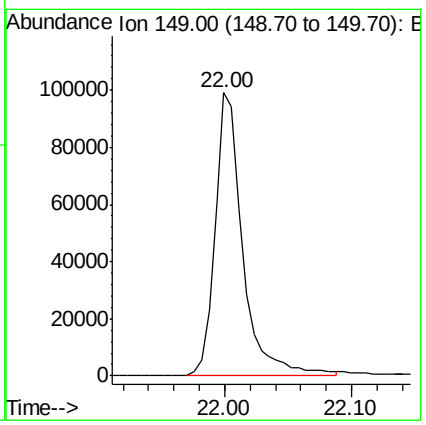
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

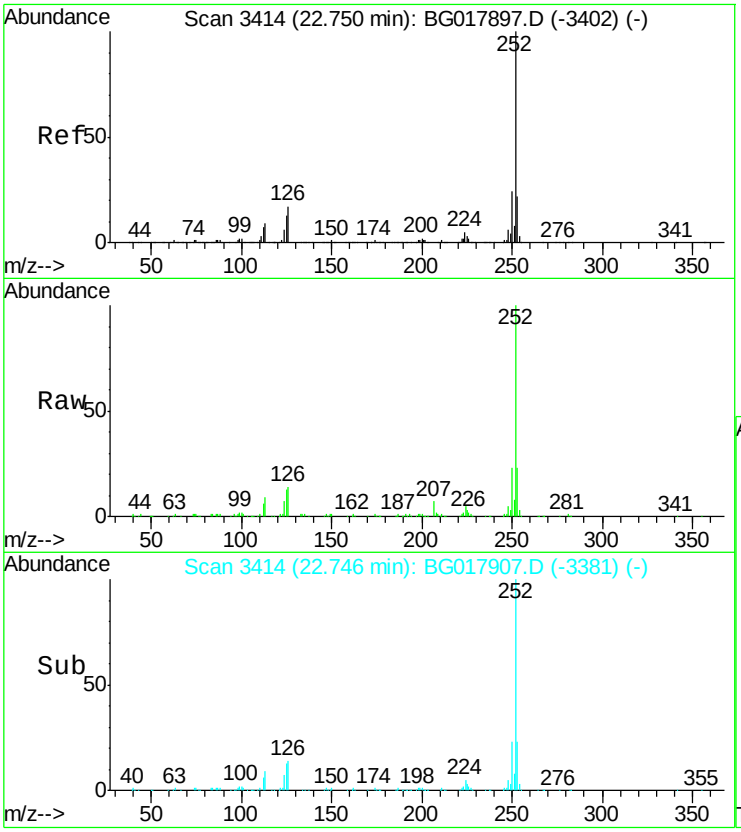




#86
Di-n-octyl phthalate
Concen: 5.03 ng/ul
RT: 22.00 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:149 Resp: 150550

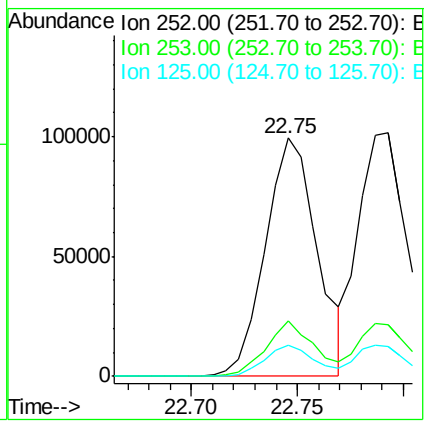




#87
Benzo(b)fluoranthene
Concen: 6.03 ng/ul
RT: 22.75 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

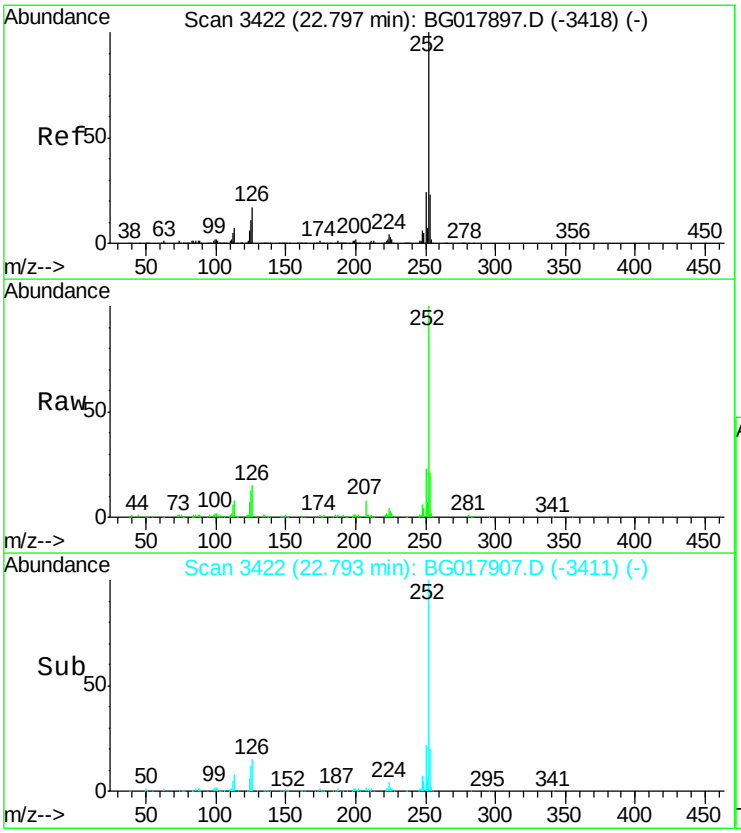
Tgt Ion:252 Resp: 169867

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	13.0	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

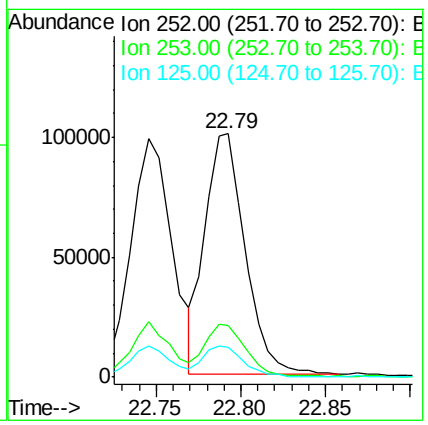
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

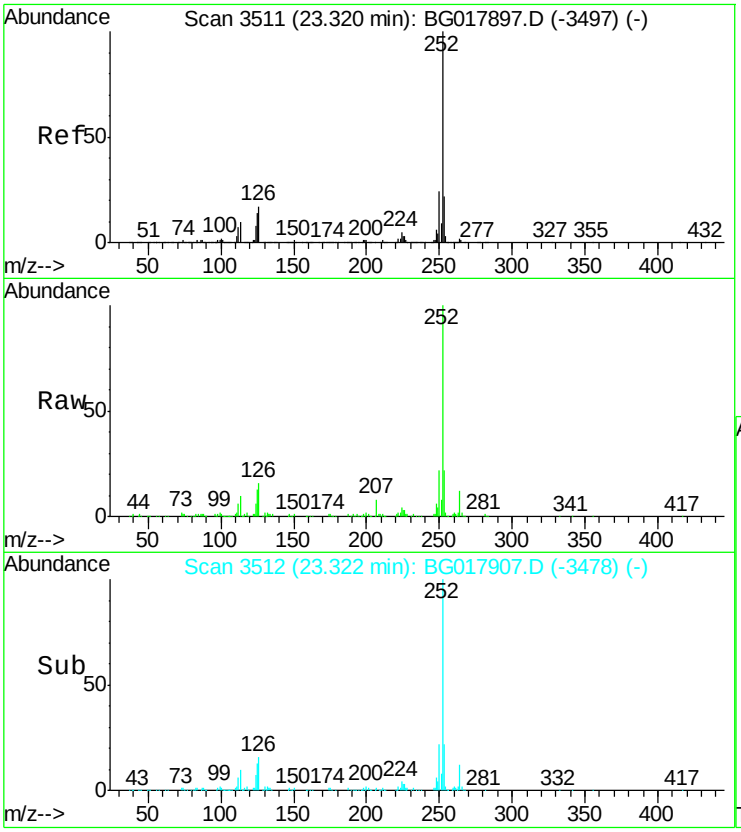


#88
Benzo(k)fluoranthene
Concen: 5.74 ng/ul
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:252 Resp: 166692

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	12.5	13.1	19.7#

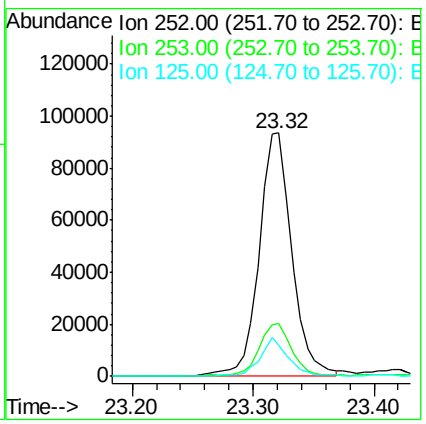




#90
Benzo(a)pyrene
Concen: 6.20 ng/ul
RT: 23.32 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

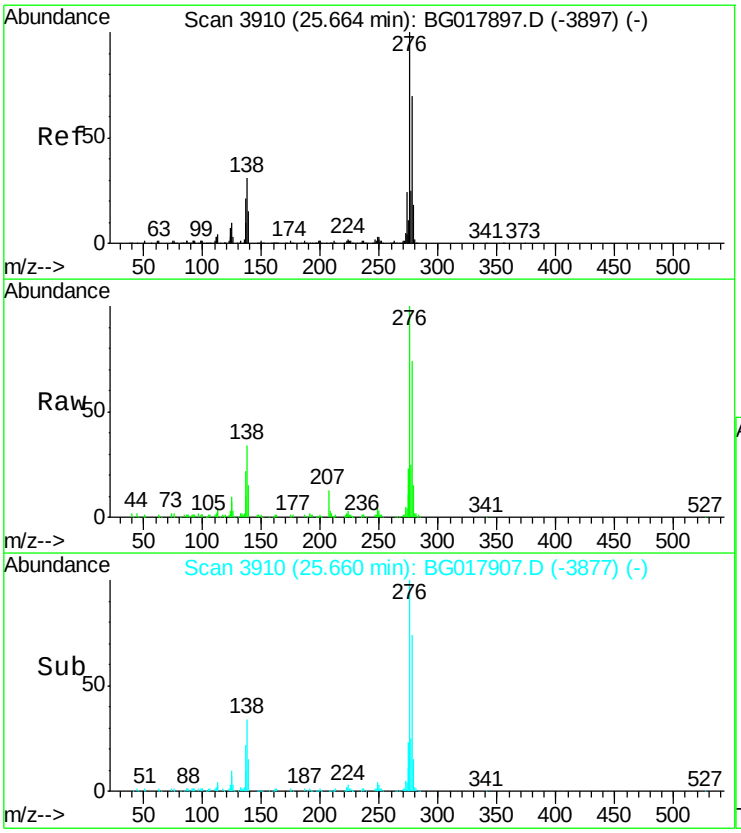
Tgt Ion:252 Resp: 175399

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	12.6	11.8	17.8



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

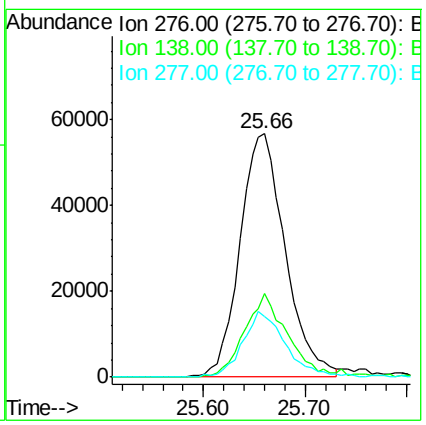
Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

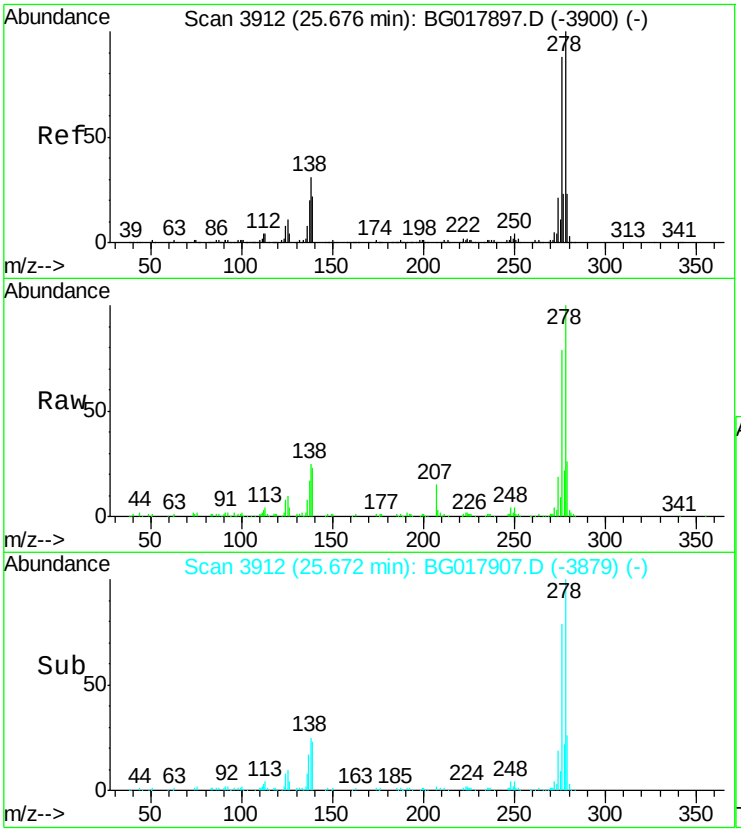


#91
Indeno(1,2,3-cd)pyrene
Concen: 5.79 ng/ul
RT: 25.66 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:276 Resp: 175281

Ion	Ratio	Lower	Upper
276	100		
138	34.1	29.4	44.0
277	24.7	20.7	31.1

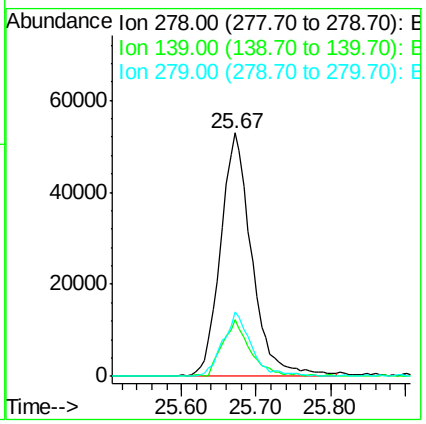




#92
Dibenzo(a,h)anthracene
Concen: 5.93 ng/ul
RT: 25.67 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

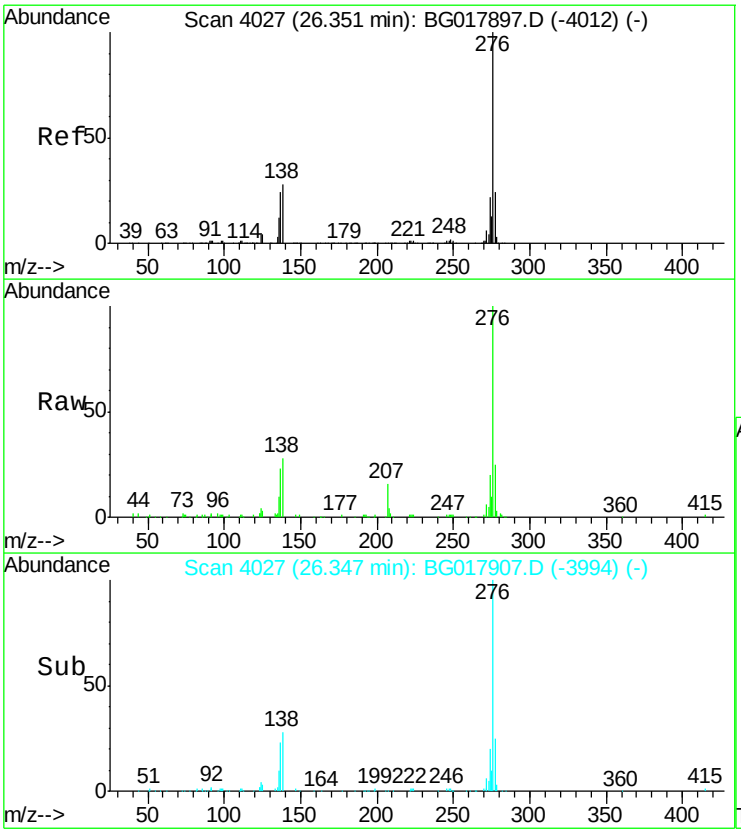
Tgt Ion:278 Resp: 152853

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.4	27.6
279	26.2	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM



#93
Benzo(g,h,i)perylene
Concen: 5.97 ng/ul
RT: 26.35 min Scan# 4027
Delta R.T. -0.00 min
Lab File: BG017907.D
Acq: 16 Jul 2015 6:00

Tgt Ion:276 Resp: 151385

Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.2	33.4
277	25.0	18.4	27.6