Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020942.D
Acq On : 18 Feb 2016 19:12
Operator : SJ/UM
Sample : PB88350BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

Quant Time: Feb 19 00:17:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15732	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	85753	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	56425	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	127852	20.00	ng		-0.01
75) Chrysene-d12	21.88	240	117811	20.00	ng		-0.02
86) Perylene-d12	25.25	264	110719	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	146117	156.41	ng		-0.01
7) Phenol-d6	7.40	99	210314	154.03	ng		0.00
23) Nitrobenzene-d5	9.43	82	111778	85.71	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	86929	156.66	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	328617	81.81	ng		-0.01
78) Terphenyl-d14	20.19	244	448021	88.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	11777	34.67	ng		99
3) Pyridine	4.04	79	36562	36.39	ng		98
4) n-Nitrosodimethylamine	3.95	42	11219	42.68	ng		95
6) Aniline	7.57	93	37629	22.10	ng		99
8) 2-Chlorophenol	7.82	128	57332	49.13	ng		99
9) Benzaldehyde	7.39	77	10000	14.62	ng		98
10) Phenol	7.43	94	73516	50.88	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	51363	44.50	ng		96
12) 1,3-Dichlorobenzene	8.14	146	53462	43.33	ng		98
13) 1,4-Dichlorobenzene	8.30	146	54447	43.52	ng		99
14) 1,2-Dichlorobenzene	8.61	146	53974	44.35	ng		98
15) Benzyl Alcohol	8.49	79	43776	50.86	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.78	45	49395	41.03	ng		99
17) 2-Methylphenol	8.69	107	53388	51.29	ng		97
18) Hexachloroethane	9.35	117	18895	43.93	ng		93
19) n-Nitroso-di-n-propylamine	9.06	70	40723	46.22	ng	#	97
20) 3+4-Methylphenols	9.02	107	74142	51.11	ng		97
22) Acetophenone	9.08	105	82029	39.68	ng	#	98
24) Nitrobenzene	9.47	77	55897	41.12	ng		99
25) Isophorone	9.99	82	119505	43.47	ng		98
26) 2-Nitrophenol	10.19	139	32696	45.70	ng		96
27) 2,4-Dimethylphenol	10.24	122	65232	47.58	ng		98
28) bis(2-Chloroethoxy)methane	10.47	93	77341	45.65	ng		100
29) 2,4-Dichlorophenol	10.72	162	60713	49.41	ng		98
30) 1,2,4-Trichlorobenzene	10.94	180	51684	41.76	ng		99
31) Naphthalene	11.13	128	187753	42.32	ng		99
32) Benzoic acid	10.35	122	40035	36.41	ng		96
33) 4-Chloroaniline	11.23	127	18606	9.75	ng		98
34) Hexachlorobutadiene	11.41	225	25480	40.39	ng		99
35) Caprolactam	12.00	113	26489m	56.26	ng		
36) 4-Chloro-3-methylphenol	12.34	107	71825	51.02	ng		98
37) 2-Methylnaphthalene	12.72	142	149149	47.92	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	61226	36.99	ng		99
40) Hexachlorocyclopentadiene	13.06	237	65338	89.73	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020942.D
Acq On : 18 Feb 2016 19:12
Operator : SJ/UM
Sample : PB88350BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

Quant Time: Feb 19 00:17:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	49928	44.90	ng		98
43) 2,4,5-Trichlorophenol	13.38	196	54737	46.82	ng		95
45) 1,1'-Biphenyl	13.71	154	193401	38.85	ng		100
46) 2-Chloronaphthalene	13.76	162	144321	40.50	ng		98
47) 2-Nitroaniline	13.95	65	39949	46.81	ng		96
48) Acenaphthylene	14.60	152	265257	42.81	ng		99
49) Dimethylphthalate	14.32	163	202393	45.87	ng		100
50) 2,6-Dinitrotoluene	14.44	165	45512	48.13	ng		98
51) Acenaphthene	14.94	154	174485	46.44	ng		99
52) 3-Nitroaniline	14.77	138	20487	18.65	ng		96
53) 2,4-Dinitrophenol	14.97	184	39511	96.60	ng		95
54) Dibenzofuran	15.27	168	243224	48.94	ng		99
55) 4-Nitrophenol	15.07	139	85618	103.19	ng		97
56) 2,4-Dinitrotoluene	15.22	165	63688	52.11	ng		97
57) Fluorene	15.92	166	212363	46.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	48514	54.46	ng	#	99
59) Diethylphthalate	15.67	149	217183	47.88	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	91733	45.13	ng		95
61) 4-Nitroaniline	15.93	138	53779	48.77	ng		96
62) Azobenzene	16.19	77	177150	49.67	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	28575	44.44	ng		97
65) n-Nitrosodiphenylamine	16.11	169	182612	44.21	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	57403	42.51	ng		99
67) Hexachlorobenzene	16.91	284	62416	43.44	ng		98
68) Atrazine	17.05	200	58050	46.31	ng		99
69) Pentachlorophenol	17.25	266	72462	87.97	ng		97
70) Phenanthrene	17.65	178	326023	44.79	ng		98
71) Anthracene	17.74	178	327146	44.28	ng		99
72) Carbazole	18.01	167	294241	44.38	ng		99
73) Di-n-butylphthalate	18.54	149	361086	42.47	ng		99
74) Fluoranthene	19.64	202	335169	42.62	ng		100
76) Benzidine	19.81	184	68079	17.87	ng		99
77) Pyrene	20.00	202	346659	44.61	ng		99
79) Butylbenzylphthalate	20.87	149	162151	43.58	ng		97
80) Benzo(a)anthracene	21.86	228	316765	45.04	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	40003	15.32	ng		99
82) Chrysene	21.93	228	284942	43.08	ng		99
83) Bis(2-ethylhexyl)phthalate	21.74	149	239084	43.34	ng		99
84) Di-n-octyl phthalate	23.01	149	402264	44.43	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	348527	45.82	ng	#	88
87) Benzo(b)fluoranthene	24.18	252	311292	45.94	ng		99
88) Benzo(k)fluoranthene	24.25	252	304056	45.80	ng		100
89) Benzo(a)pyrene	25.09	252	299596	46.40	ng		99
90) Dibenzo(a,h)anthracene	29.17	278	287590	45.81	ng		97
91) Benzo(g,h,i)perylene	30.33	276	284715	45.69	ng		99

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

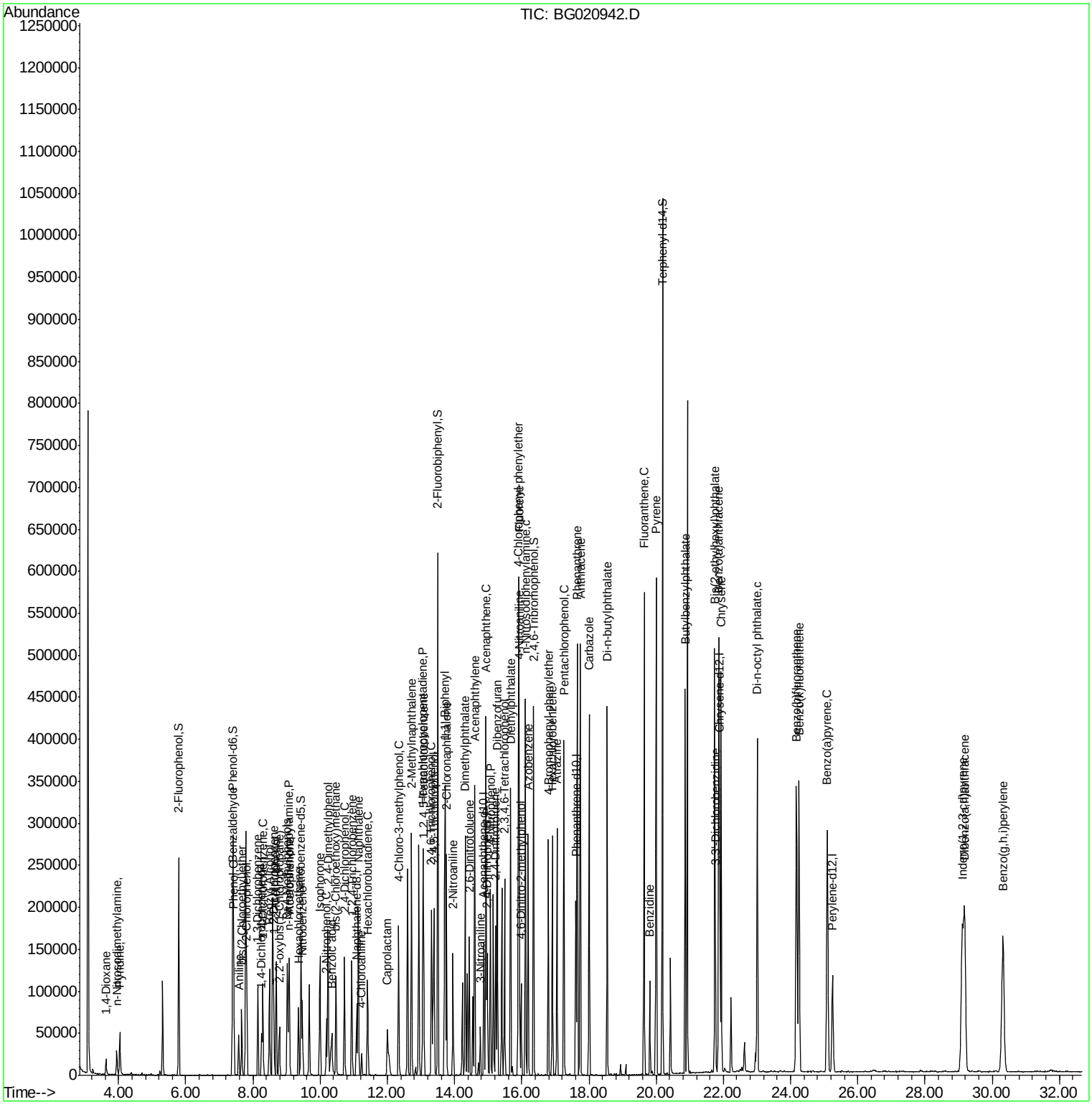
Quantitation Report (QT Reviewed)

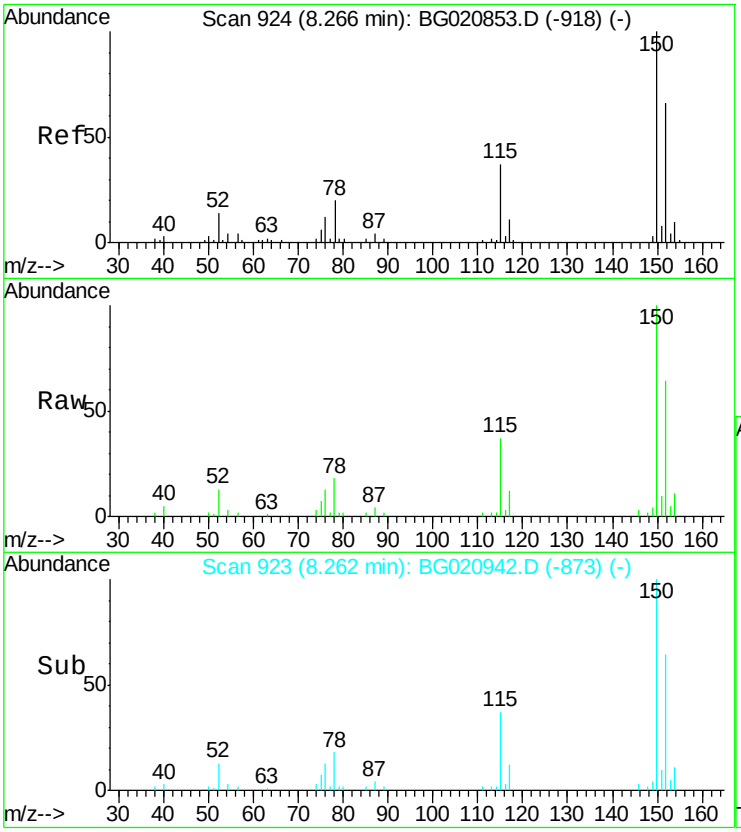
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020942.D
Acq On : 18 Feb 2016 19:12
Operator : SJ/UM
Sample : PB88350BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 19 00:17:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

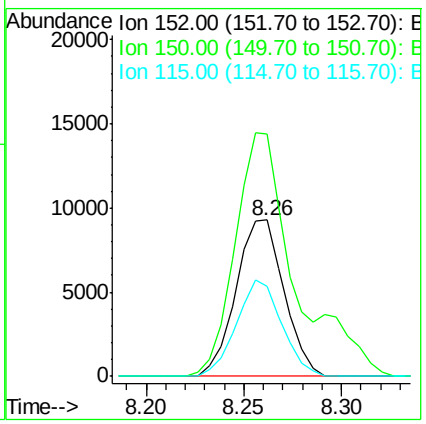




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

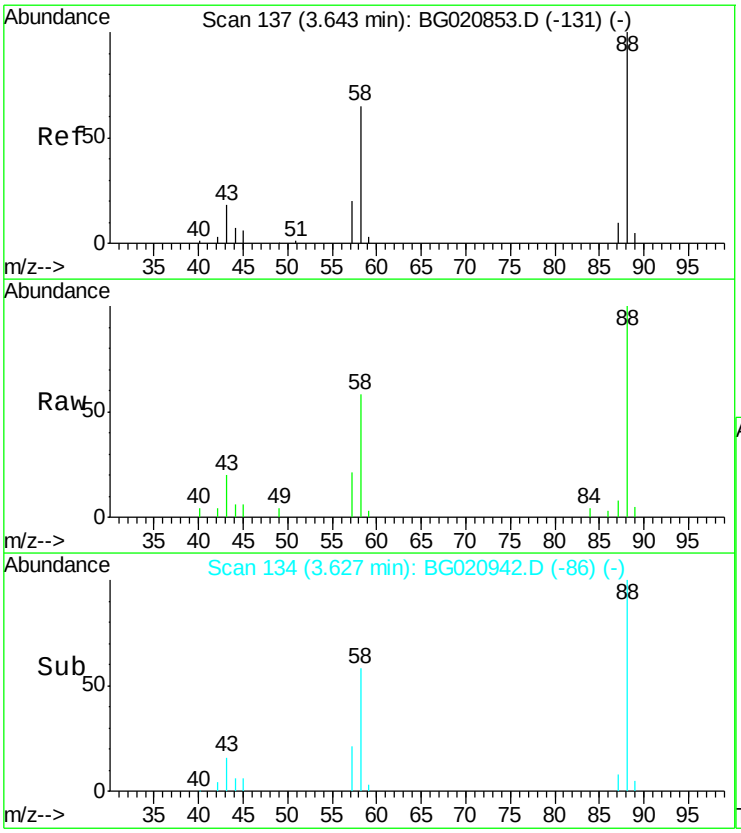
Tgt Ion:152 Resp: 15732

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.0	183.0
115	58.1	45.2	67.8



Instrument :
BNA_G
ClientSampleId :
PB88350BS

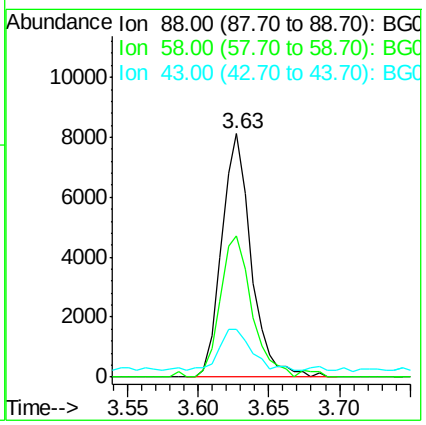
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

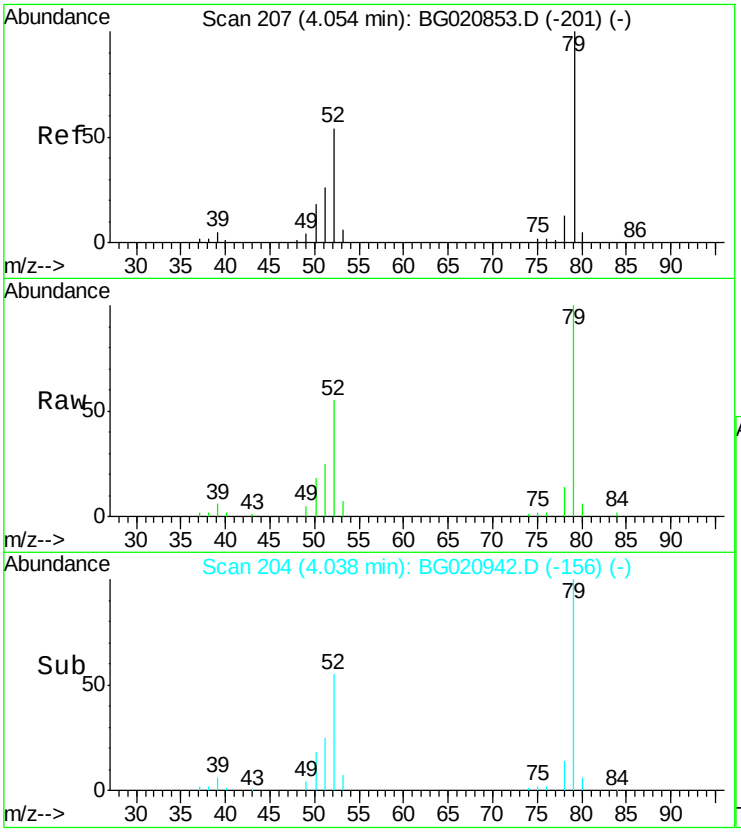


#2
1,4-Dioxane
Concen: 34.67 ng
RT: 3.63 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 88 Resp: 11777

Ion	Ratio	Lower	Upper
88	100		
58	61.7	50.3	75.5
43	18.3	14.5	21.7

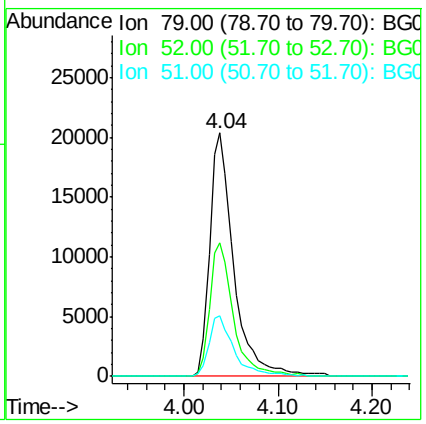




#3
Pyridine
Concen: 36.39 ng
RT: 4.04 min Scan# 204
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

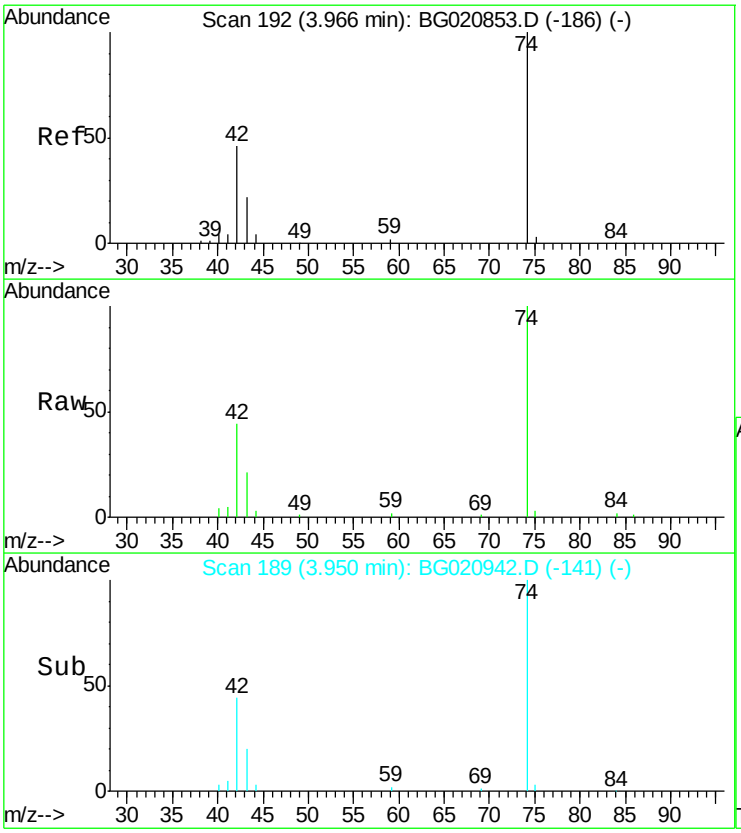
Tgt Ion: 79 Resp: 36562

Ion	Ratio	Lower	Upper
79	100		
52	55.1	43.1	64.7
51	24.9	20.7	31.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

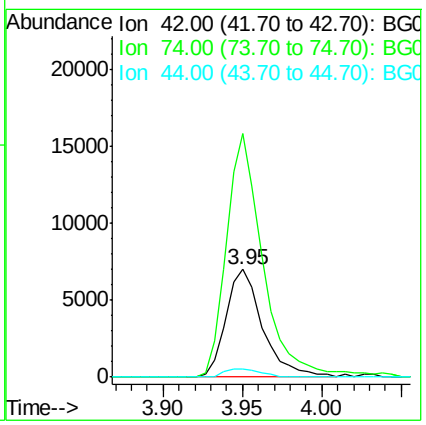
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

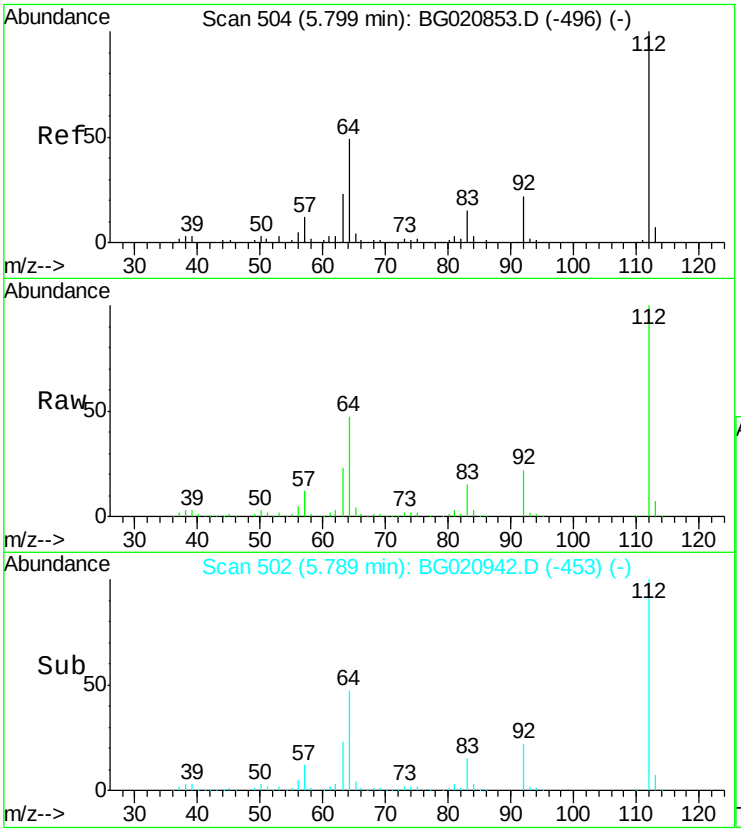


#4
n-Nitrosodimethylamine
Concen: 42.68 ng
RT: 3.95 min Scan# 189
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 42 Resp: 11219

Ion	Ratio	Lower	Upper
42	100		
74	226.0	173.8	260.6
44	7.7	6.3	9.5

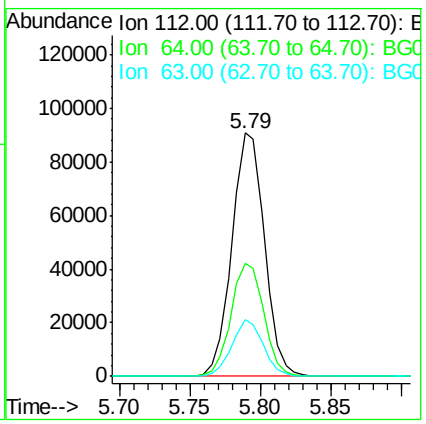




#5
2-Fluorophenol
Concen: 156.41 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

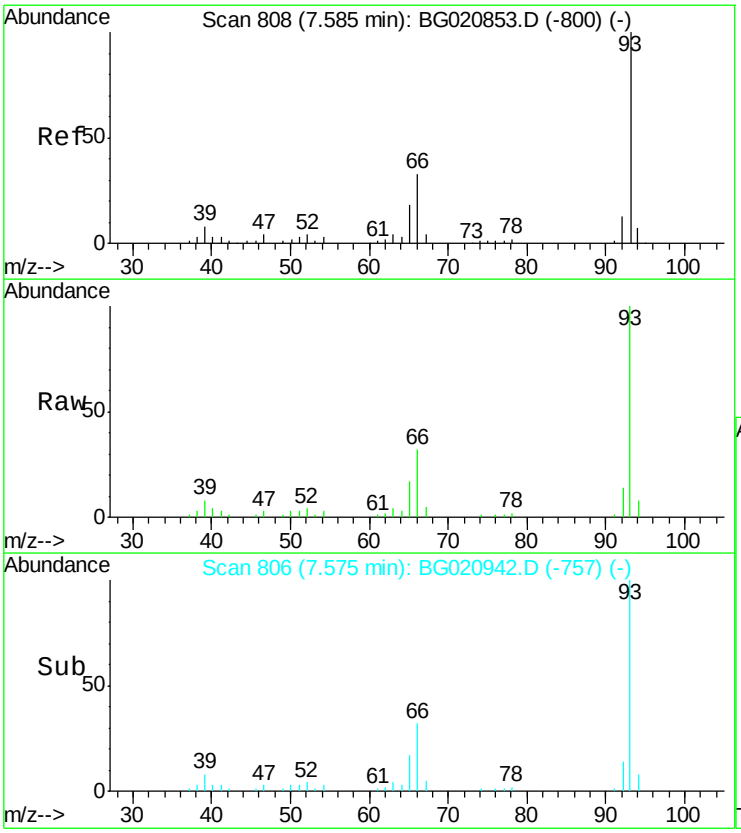
Tgt Ion:112 Resp: 146117

Ion	Ratio	Lower	Upper
112	100		
64	46.6	39.3	58.9
63	23.1	18.2	27.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

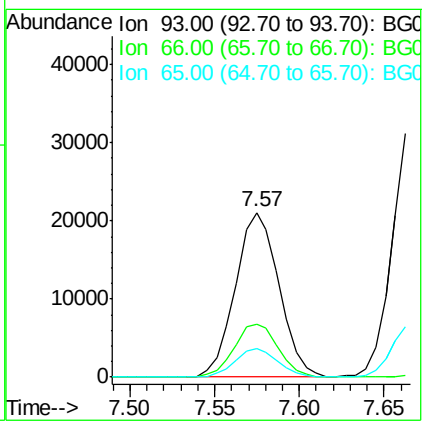
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

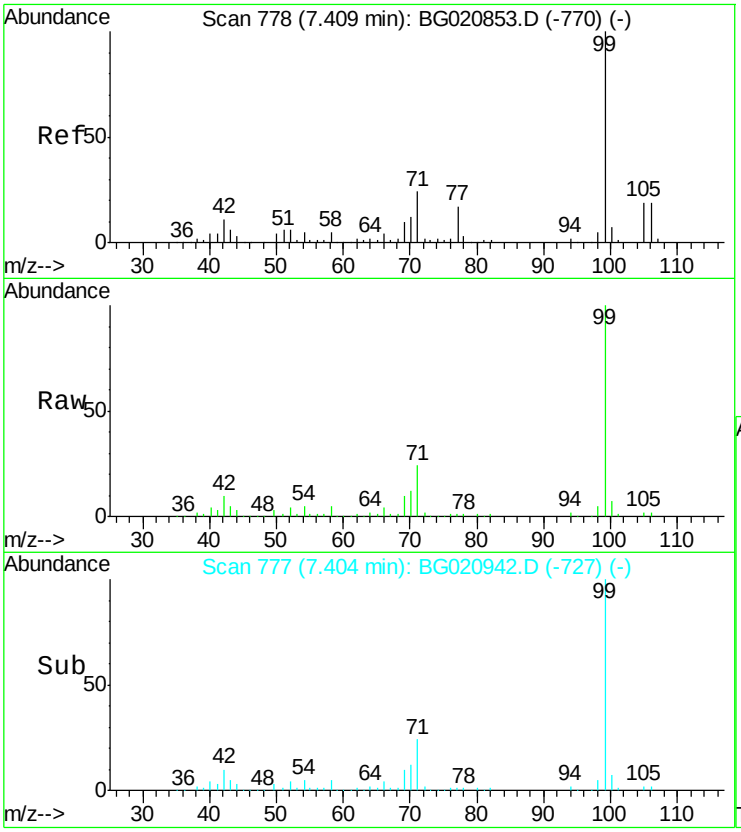


#6
Aniline
Concen: 22.10 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 93 Resp: 37629

Ion	Ratio	Lower	Upper
93	100		
66	32.4	26.6	40.0
65	17.2	14.0	21.0

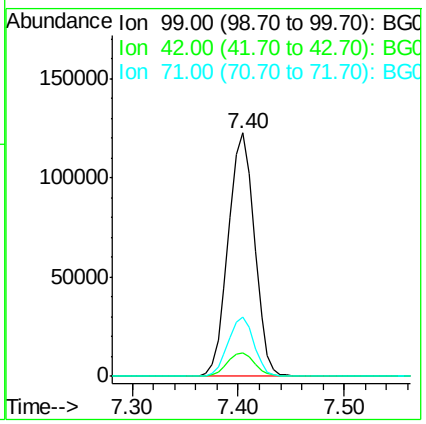




#7
Phenol-d6
Concen: 154.03 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

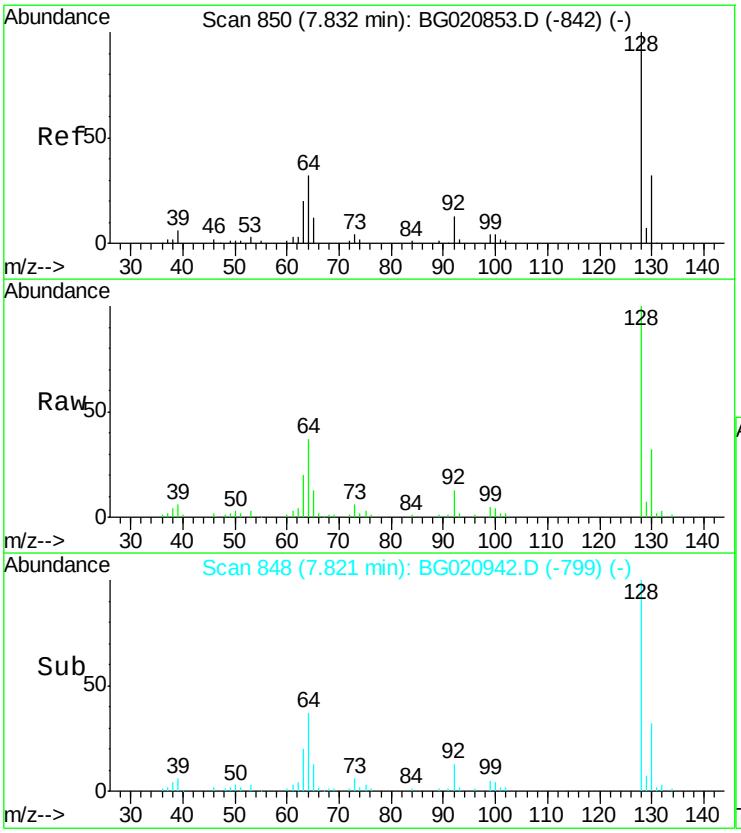
Tgt Ion: 99 Resp: 210314

Ion	Ratio	Lower	Upper
99	100		
42	9.8	8.4	12.6
71	24.3	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
PB88350BS

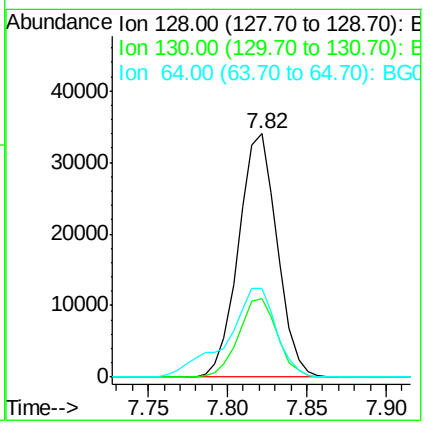
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

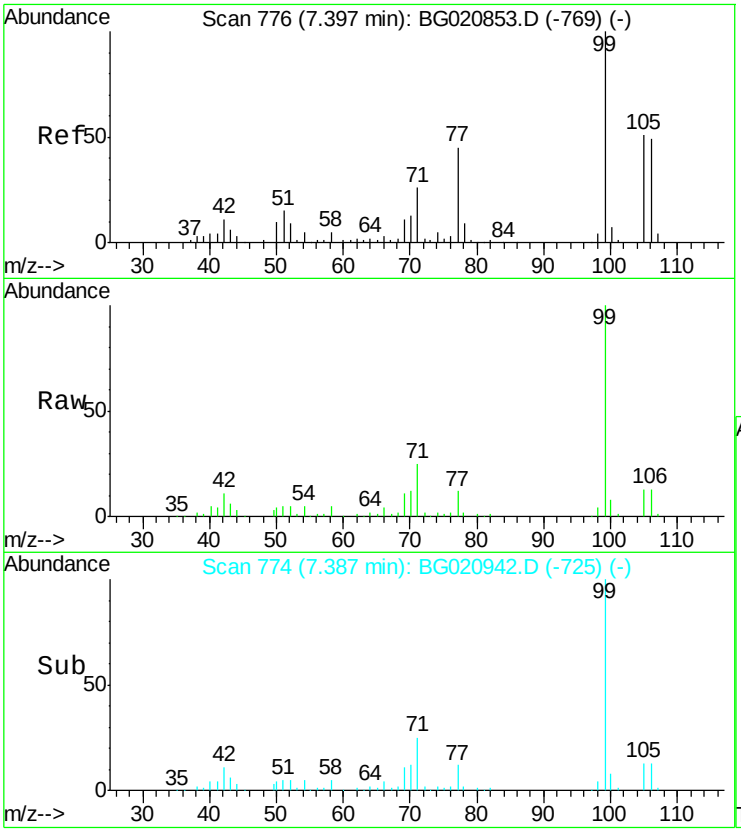


#8
2-Chlorophenol
Concen: 49.13 ng
RT: 7.82 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:128 Resp: 57332

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	36.6	15.9	55.9

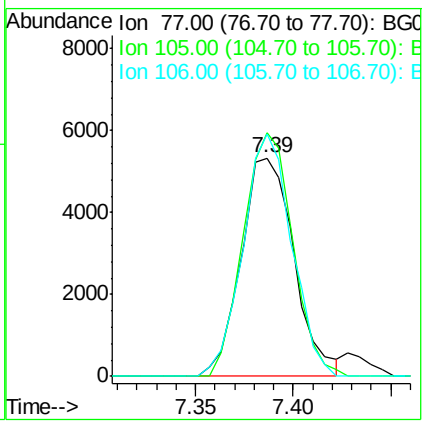




#9
Benzaldehyde
Concen: 14.62 ng
RT: 7.39 min Scan# 774
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

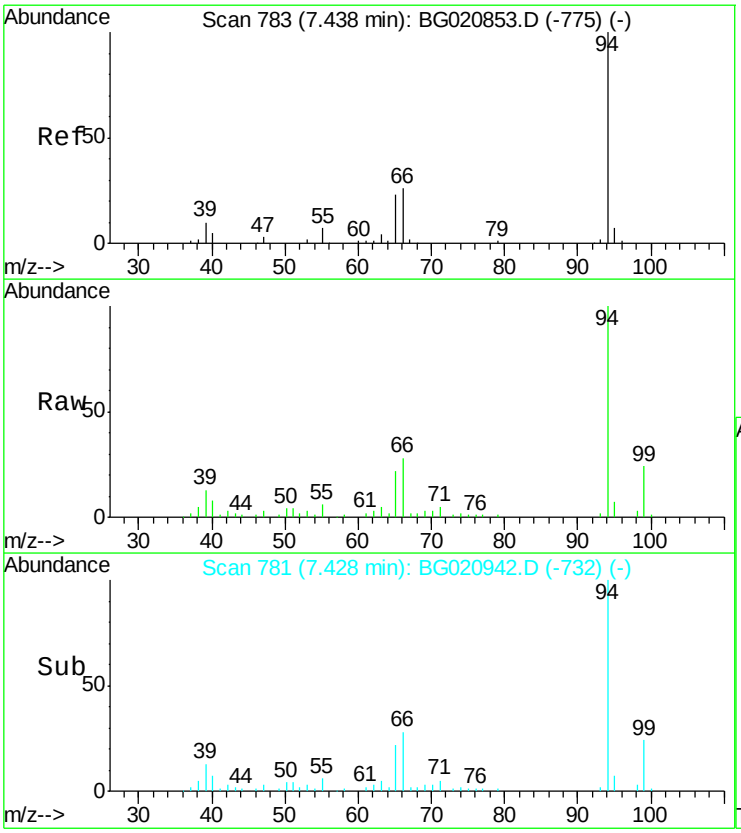
Tgt Ion: 77 Resp: 10000

Ion	Ratio	Lower	Upper
77	100		
105	111.5	93.4	133.4
106	111.2	88.7	128.7



Instrument :
BNA_G
ClientSampleId :
PB88350BS

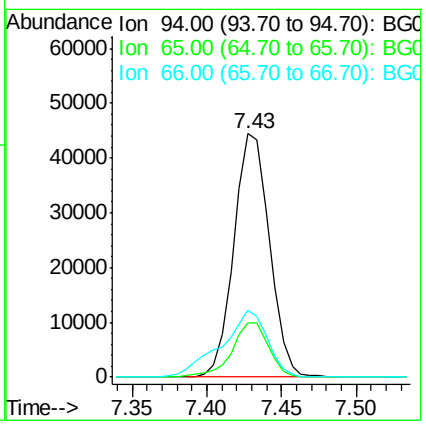
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

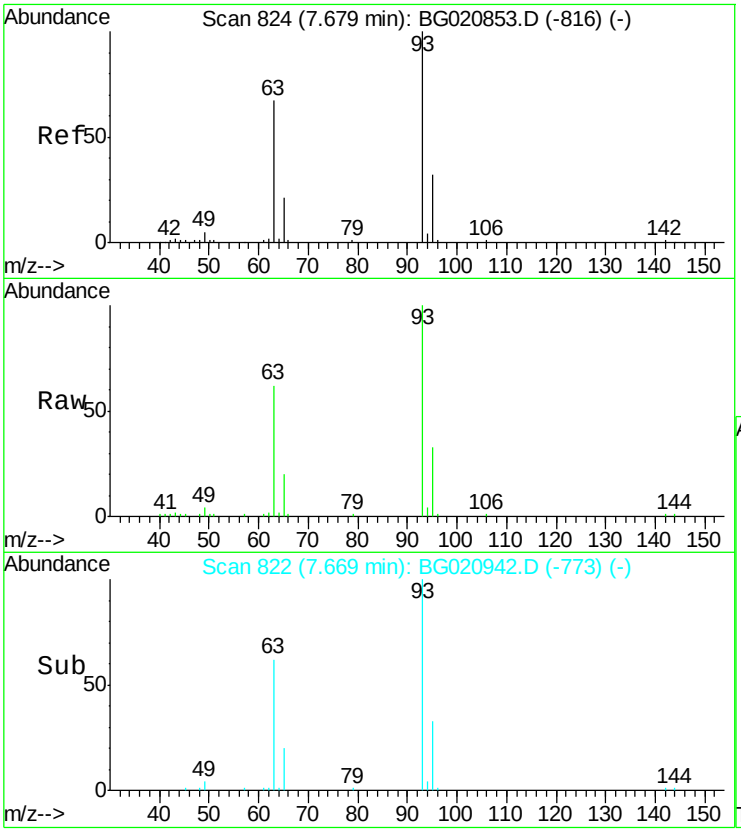


#10
Phenol
Concen: 50.88 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 94 Resp: 73516

Ion	Ratio	Lower	Upper
94	100		
65	22.3	2.8	42.8
66	27.6	7.2	47.2

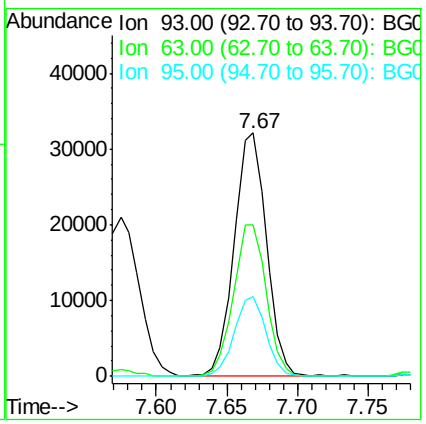




#11
bis(2-Chloroethyl)ether
Concen: 44.50 ng
RT: 7.67 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

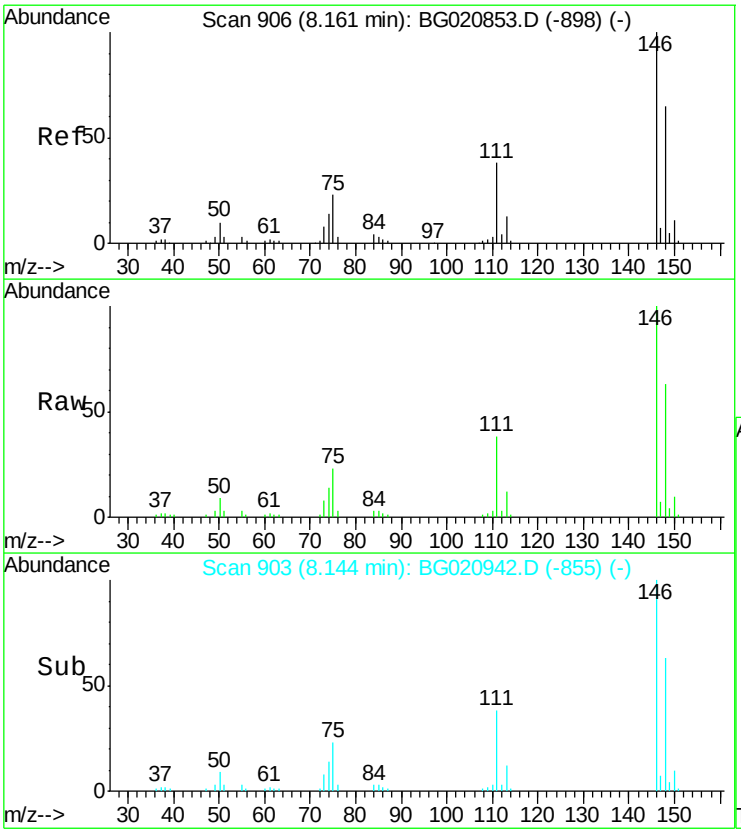
Tgt Ion: 93 Resp: 51363

Ion	Ratio	Lower	Upper
93	100		
63	62.2	46.4	86.4
95	33.0	12.1	52.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

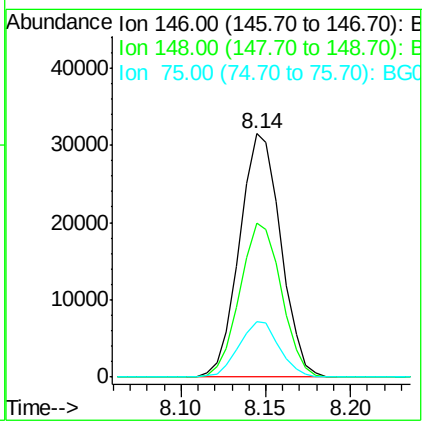
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

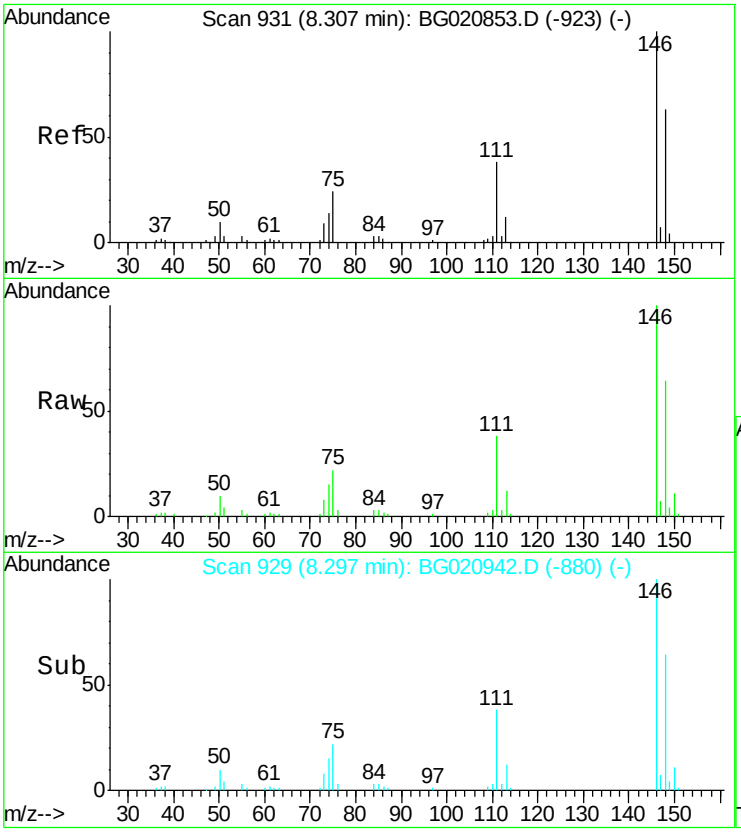


#12
1,3-Dichlorobenzene
Concen: 43.33 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:146 Resp: 53462

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	22.7	18.7	28.1

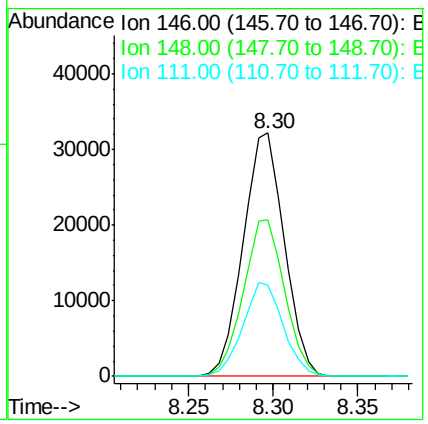




#13
1,4-Dichlorobenzene
Concen: 43.52 ng
RT: 8.30 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

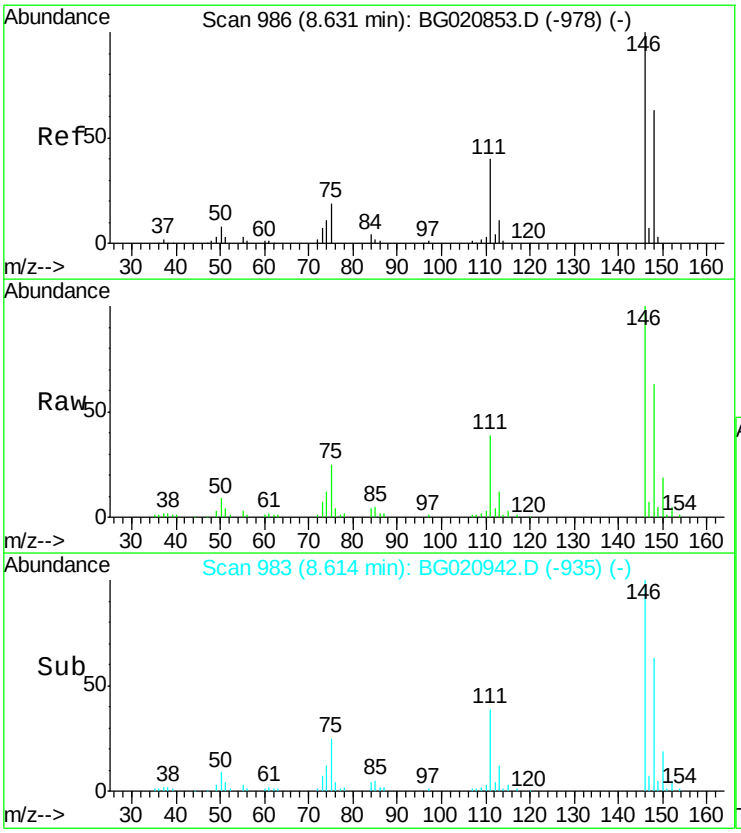
Tgt Ion:146 Resp: 54447

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	37.6	30.1	45.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

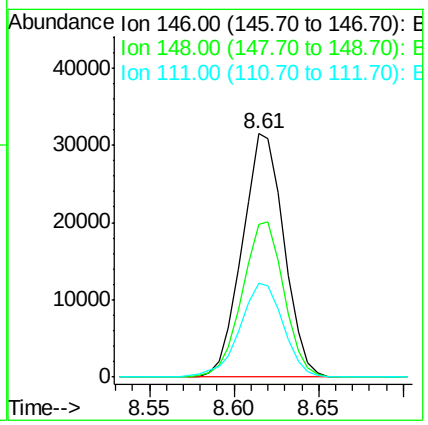
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

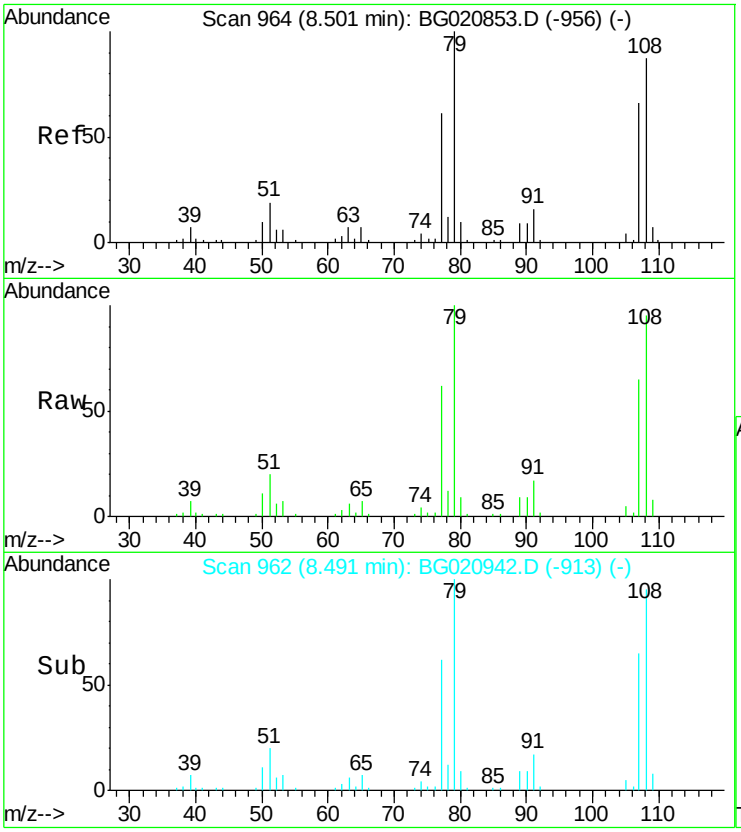


#14
1,2-Dichlorobenzene
Concen: 44.35 ng
RT: 8.61 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:146 Resp: 53974

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	38.5	32.6	48.8





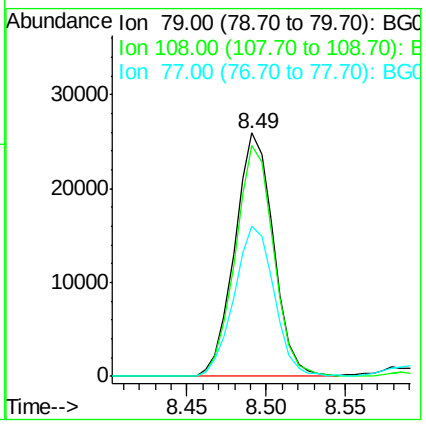
#15
Benzyl Alcohol
Concen: 50.86 ng
RT: 8.49 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

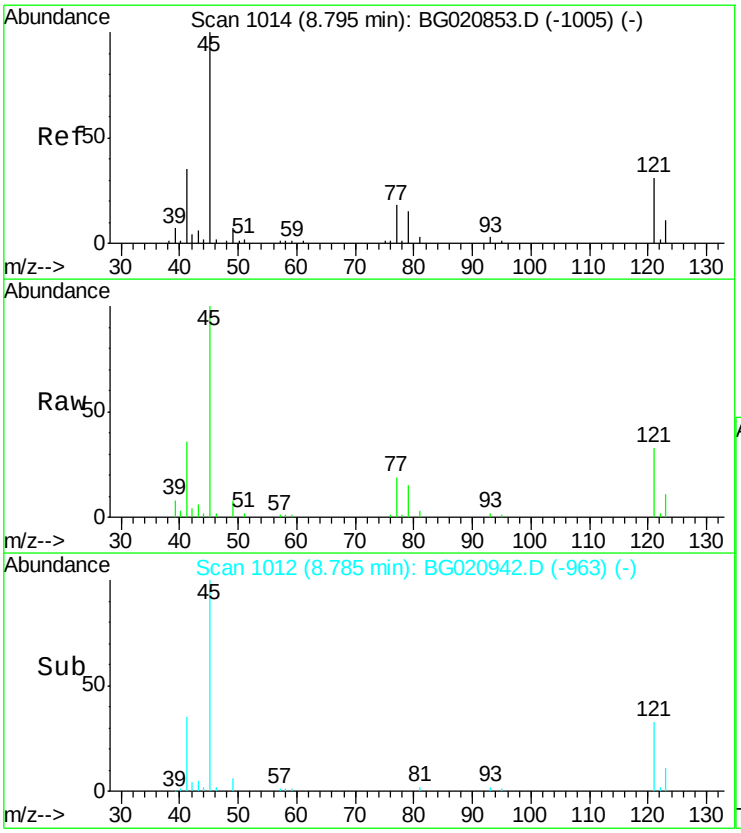
Tgt Ion: 79 Resp: 43776

Ion	Ratio	Lower	Upper
79	100		
108	94.9	69.4	104.2
77	61.9	48.6	73.0

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

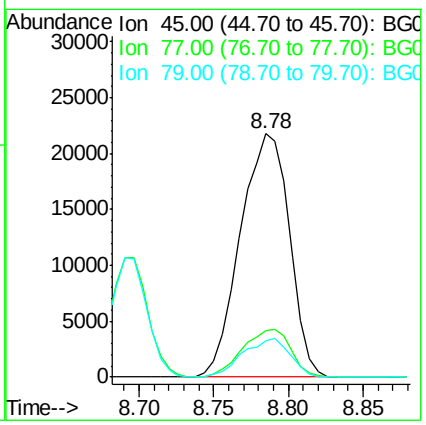


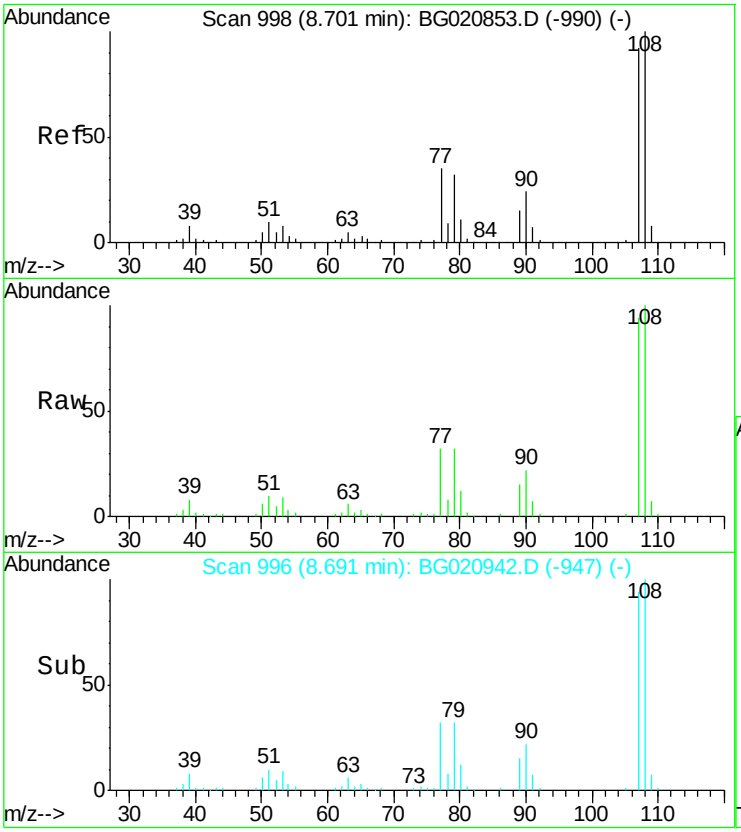


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.03 ng
RT: 8.78 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 45 Resp: 49395

Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	38.5
79	14.7	0.0	34.9

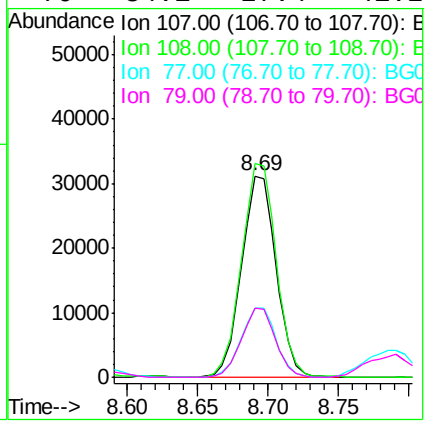




#17
2-Methylphenol
Concen: 51.29 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

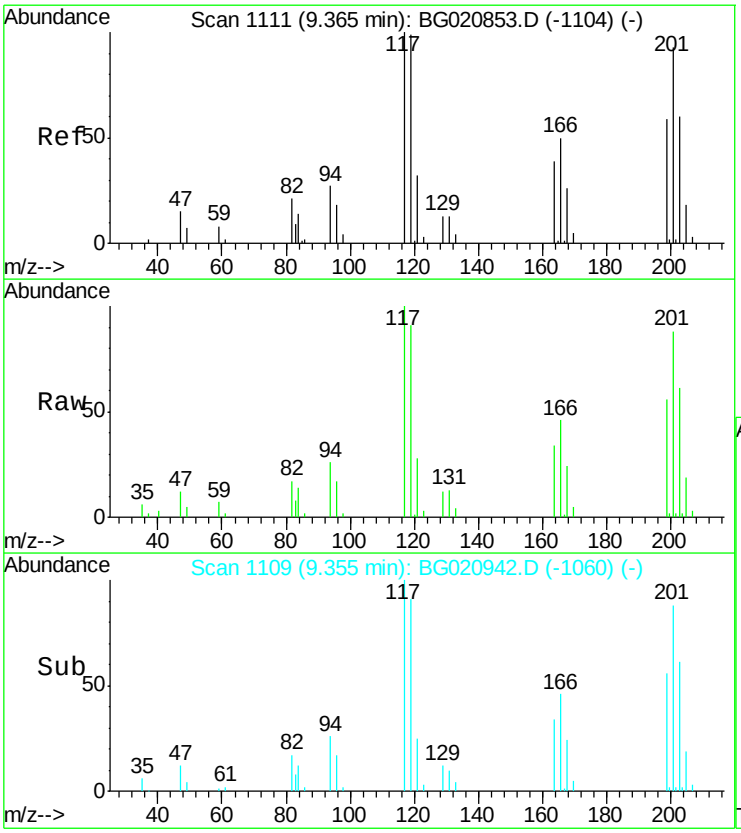
Tgt Ion:107 Resp: 53388

Ion	Ratio	Lower	Upper
107	100		
108	106.0	87.0	130.4
77	34.1	30.1	45.1
79	34.1	27.4	41.2



Instrument :
BNA_G
ClientSampleId :
PB88350BS

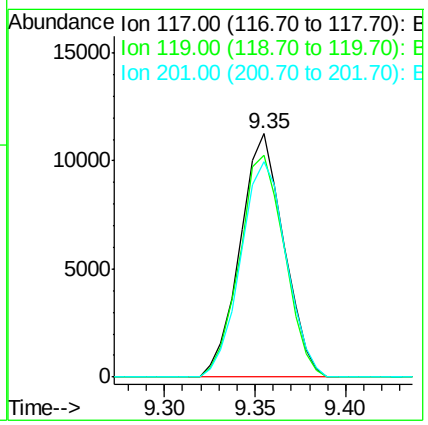
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

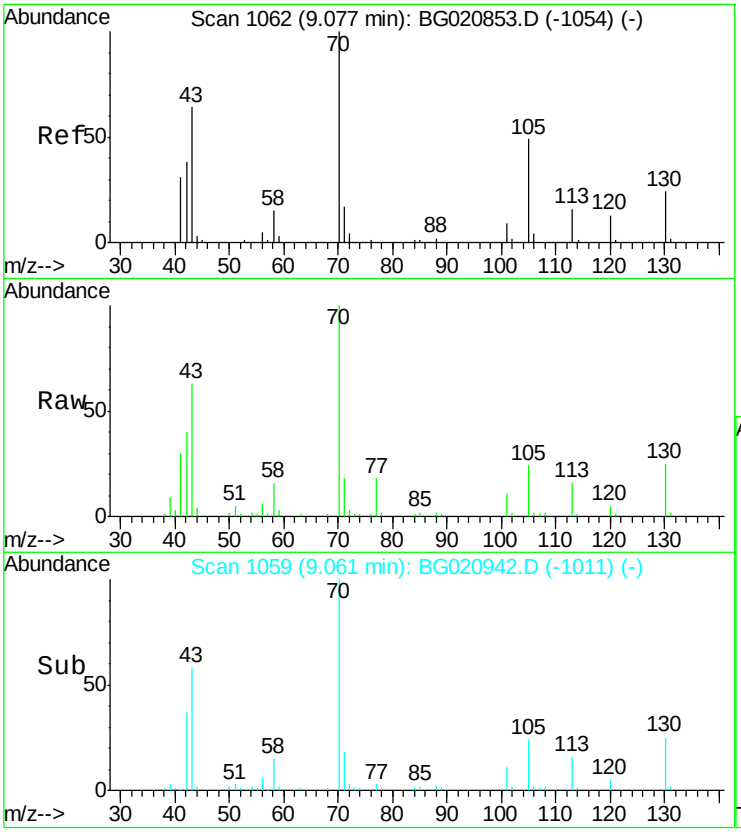


#18
Hexachloroethane
Concen: 43.93 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:117 Resp: 18895

Ion	Ratio	Lower	Upper
117	100		
119	91.2	79.6	119.4
201	88.4	74.5	111.7

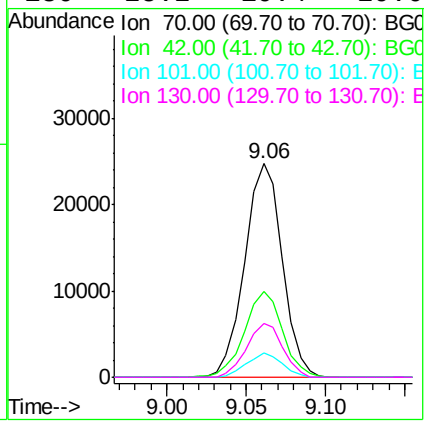




#19
n-Nitroso-di-n-propylamine
Concen: 46.22 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

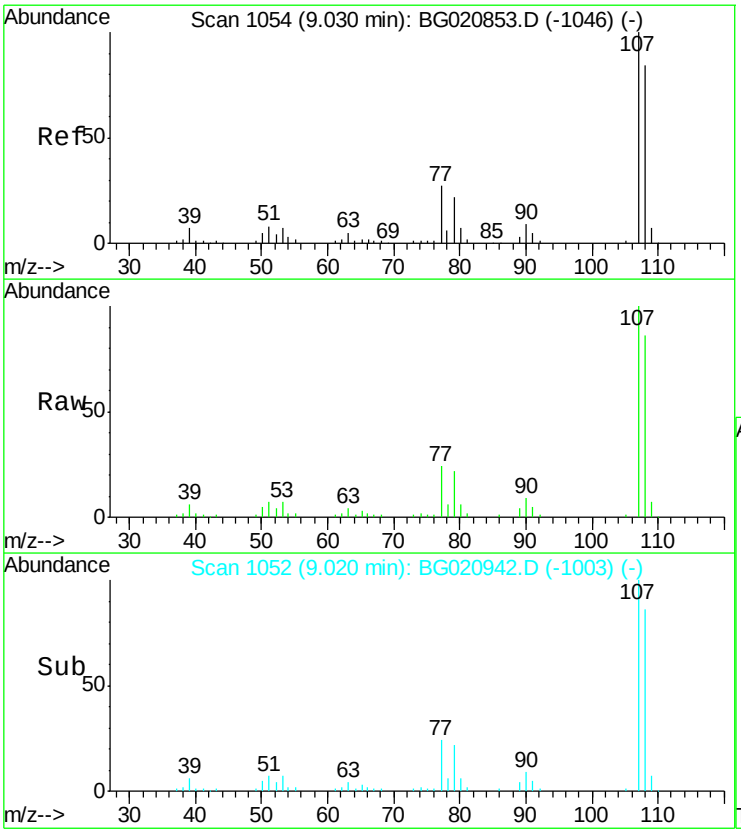
Tgt Ion: 70 Resp: 40723

Ion	Ratio	Lower	Upper
70	100		
42	40.4	30.9	46.3
101	11.2	7.3	10.9#
130	25.2	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
PB88350BS

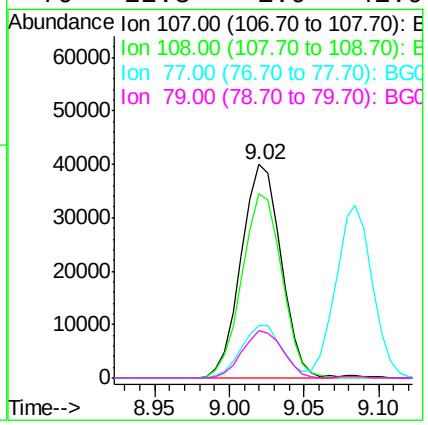
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

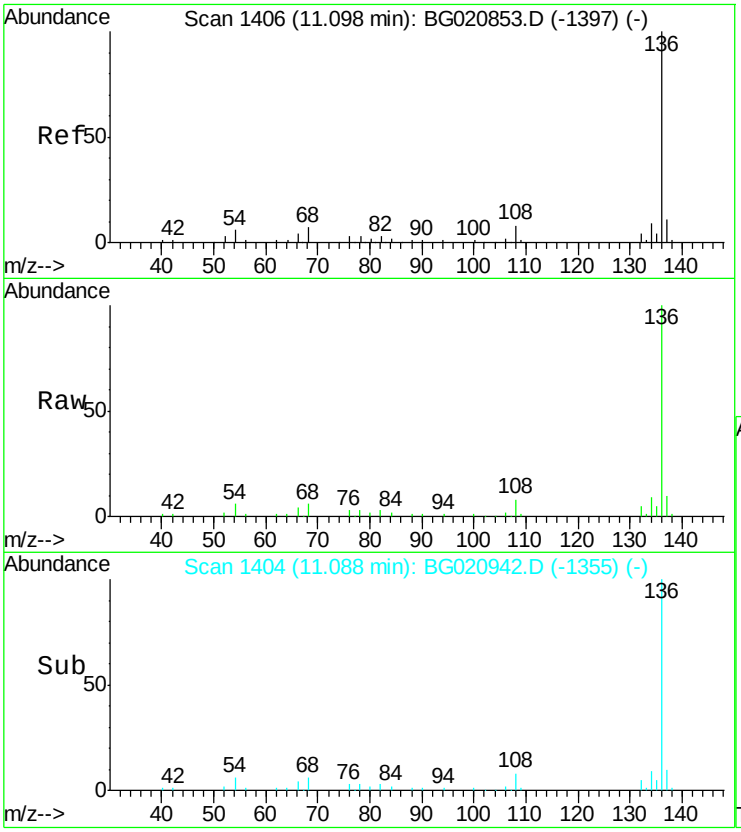


#20
3+4-Methylphenols
Concen: 51.11 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:107 Resp: 74142

Ion	Ratio	Lower	Upper
107	100		
108	86.2	64.4	104.4
77	24.3	7.1	47.1
79	22.3	1.9	41.9

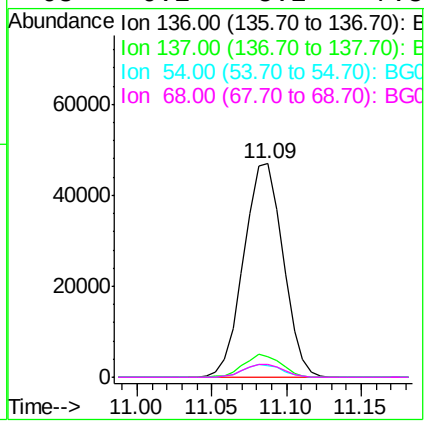




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

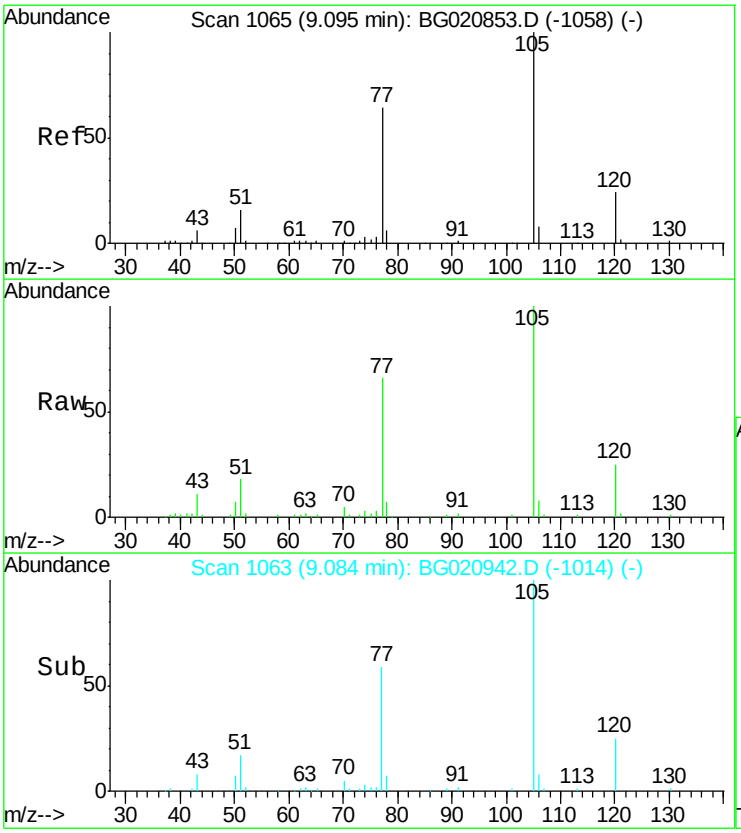
Tgt Ion:136 Resp: 85753

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	5.5	5.0	7.4
68	6.2	5.2	7.8



Instrument :
BNA_G
ClientSampleId :
PB88350BS

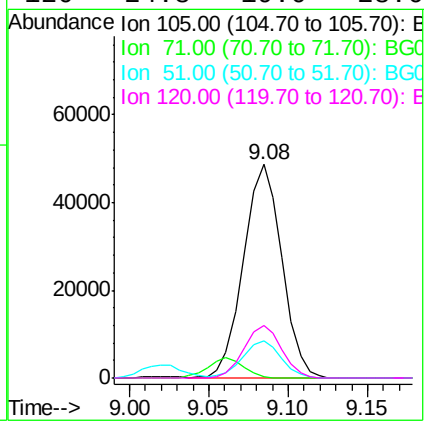
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

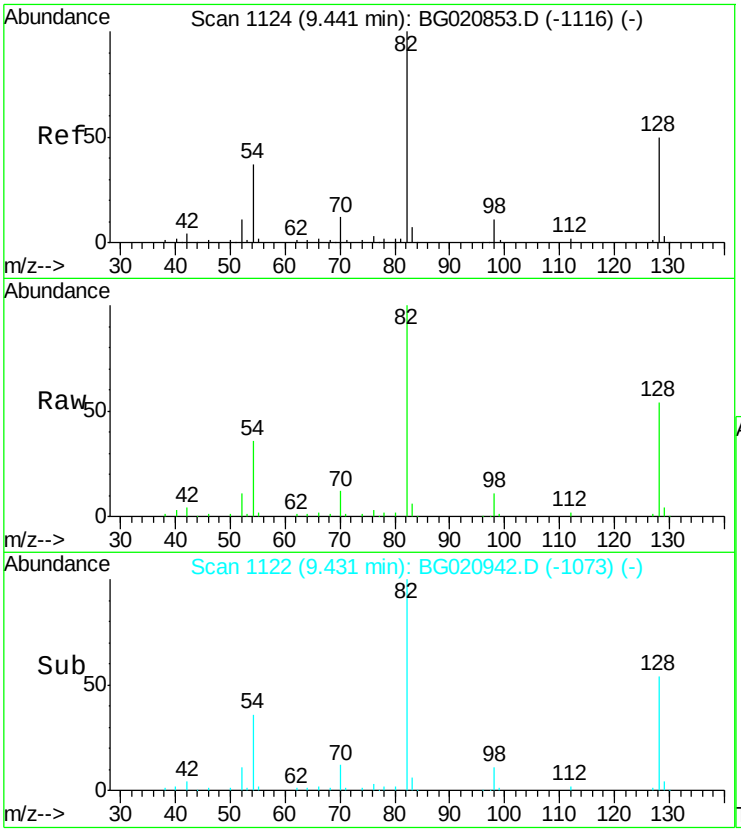


#22
Acetophenone
Concen: 39.68 ng
RT: 9.08 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:105 Resp: 82029

Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.4	2.0#
51	17.5	13.7	20.5
120	24.8	19.0	28.6

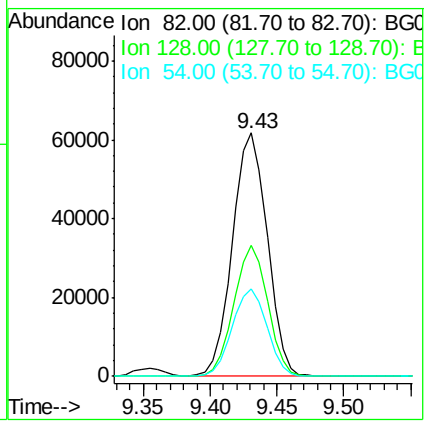




#23
Nitrobenzene-d5
Concen: 85.71 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

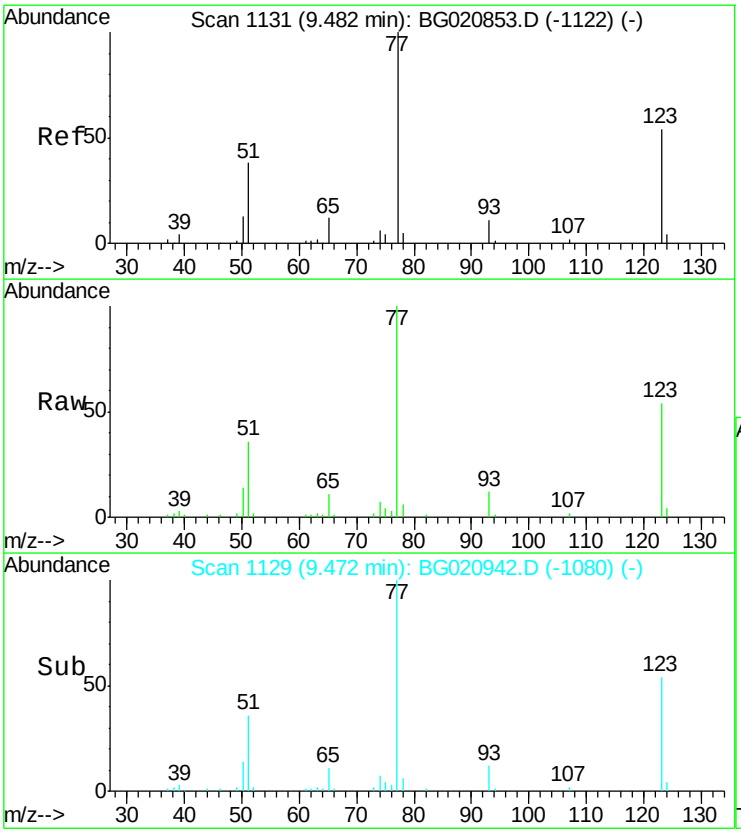
Tgt Ion: 82 Resp: 111778

Ion	Ratio	Lower	Upper
82	100		
128	53.9	40.1	60.1
54	36.0	29.5	44.3



Instrument :
BNA_G
ClientSampleId :
PB88350BS

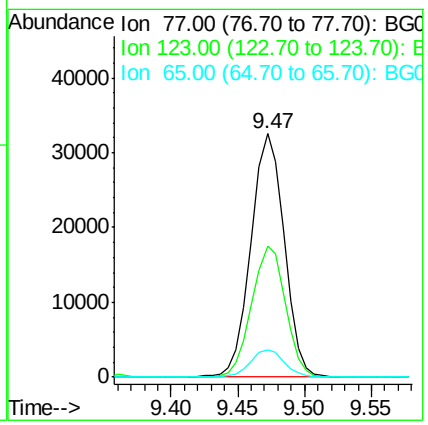
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

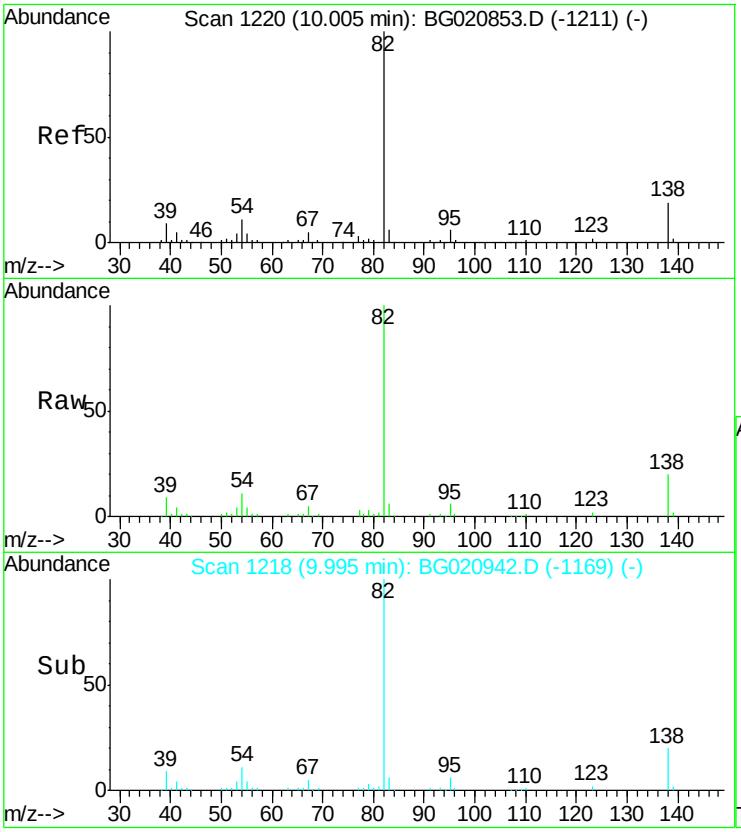


#24
Nitrobenzene
Concen: 41.12 ng
RT: 9.47 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 77 Resp: 55897

Ion	Ratio	Lower	Upper
77	100		
123	53.6	43.2	64.8
65	11.4	9.2	13.8

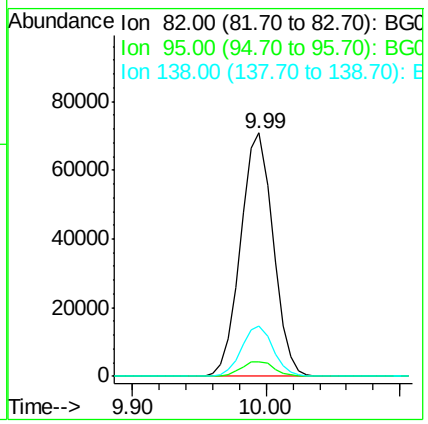




#25
Isophorone
Concen: 43.47 ng
RT: 9.99 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

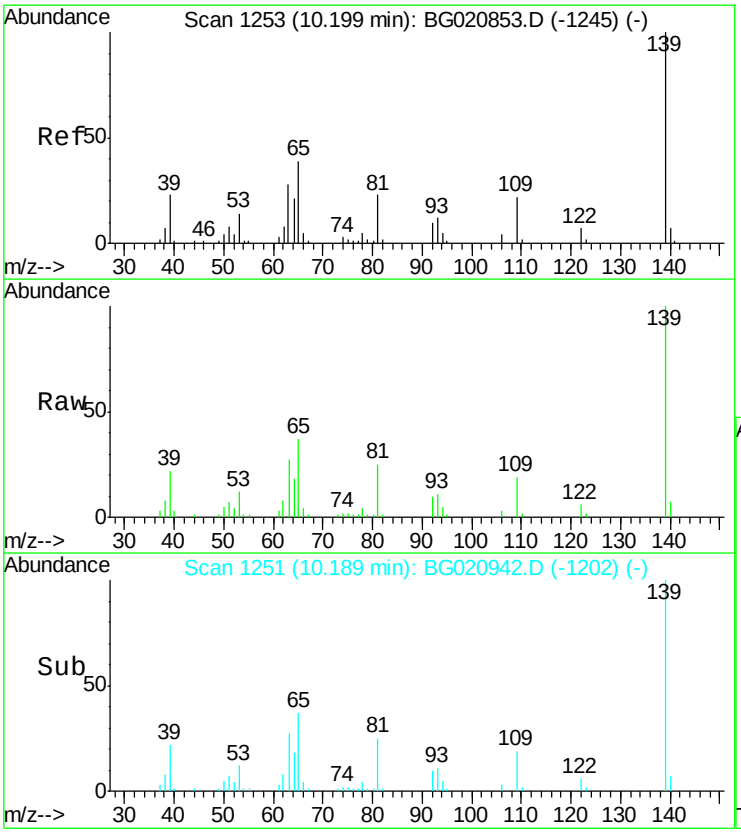
Tgt Ion: 82 Resp: 119505

Ion	Ratio	Lower	Upper
82	100		
95	6.1	4.8	7.2
138	20.5	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
PB88350BS

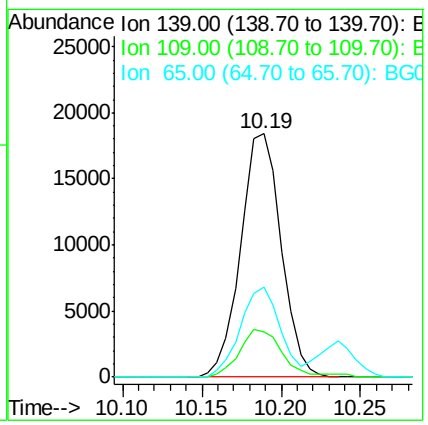
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

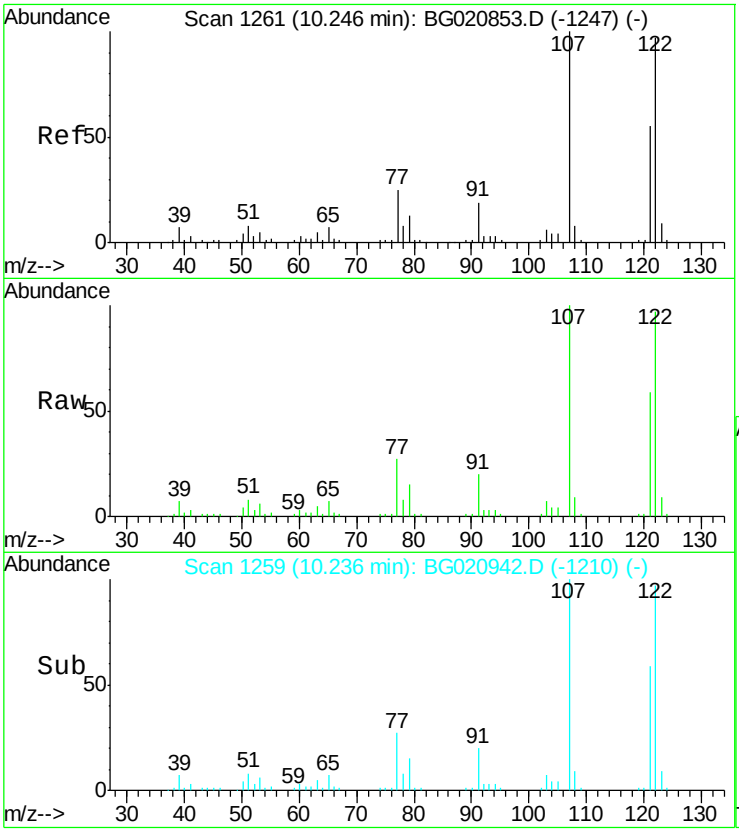


#26
2-Nitrophenol
Concen: 45.70 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:139 Resp: 32696

Ion	Ratio	Lower	Upper
139	100		
109	18.7	17.6	26.4
65	37.2	31.0	46.6

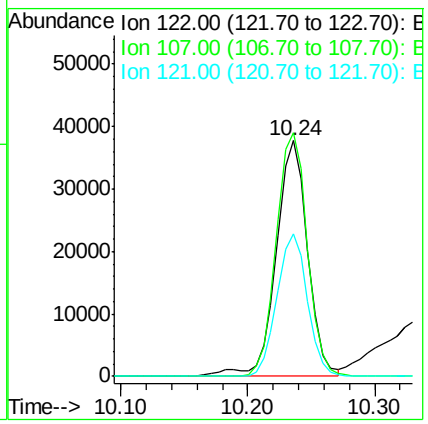




#27
2,4-Dimethylphenol
Concen: 47.58 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

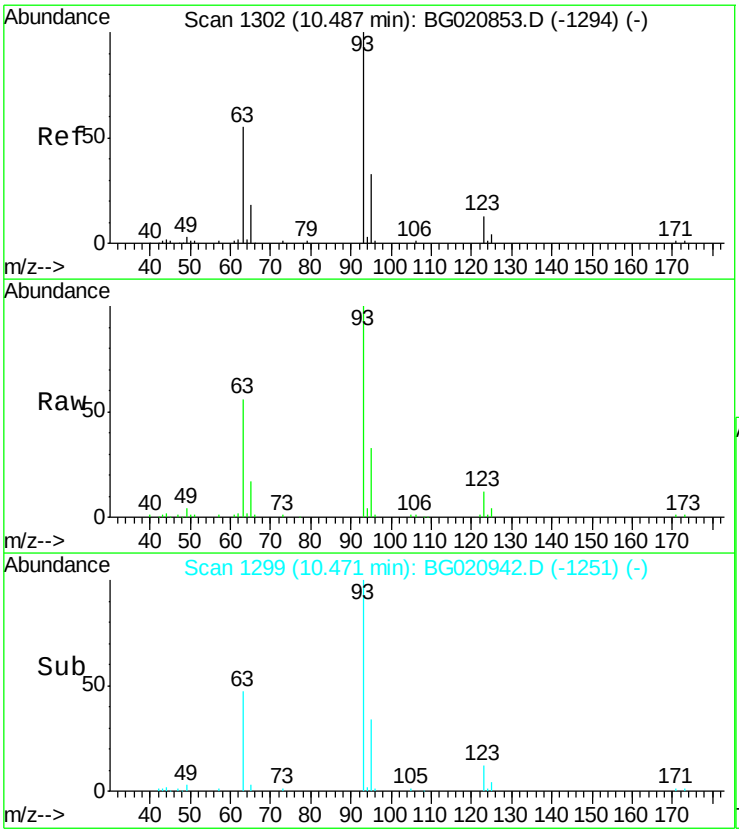
Tgt Ion:122 Resp: 65232

Ion	Ratio	Lower	Upper
122	100		
107	103.4	82.6	124.0
121	60.8	45.6	68.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

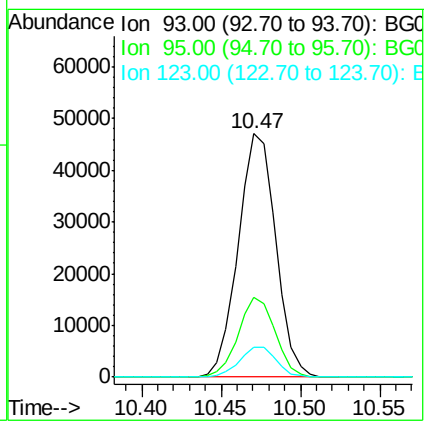
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

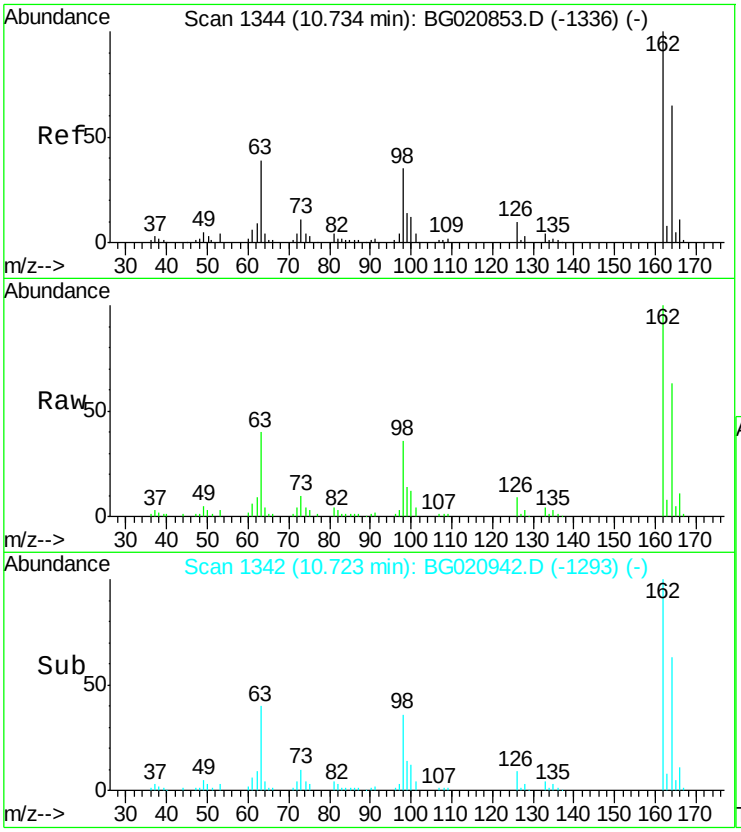


#28
bis(2-Chloroethoxy)methane
Concen: 45.65 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 93 Resp: 77341

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	12.5	10.0	15.0

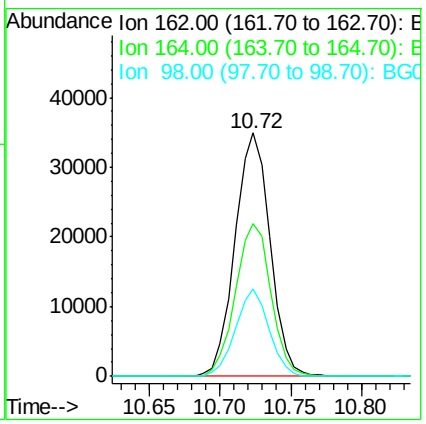




#29
2,4-Dichlorophenol
Concen: 49.41 ng
RT: 10.72 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

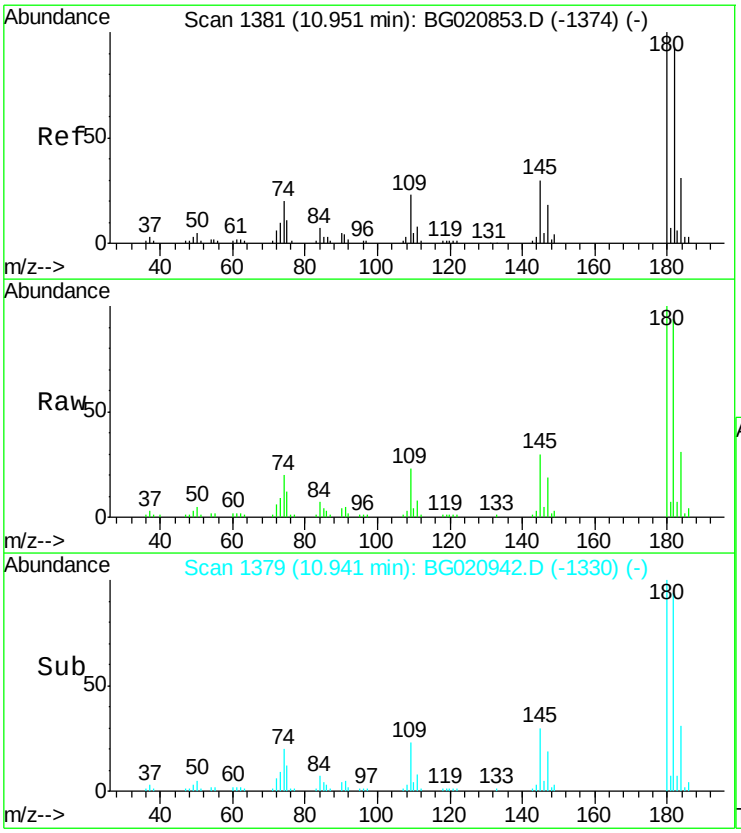
Tgt Ion:162 Resp: 60713

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.5	84.5
98	35.7	14.9	54.9



Instrument :
BNA_G
ClientSampleId :
PB88350BS

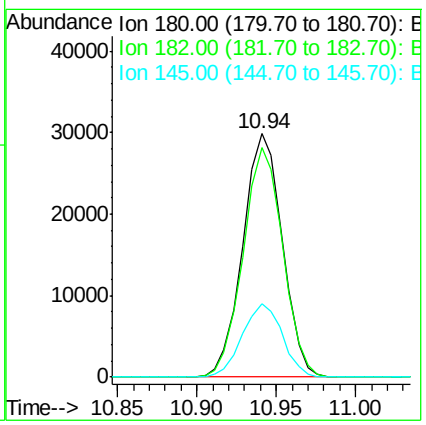
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

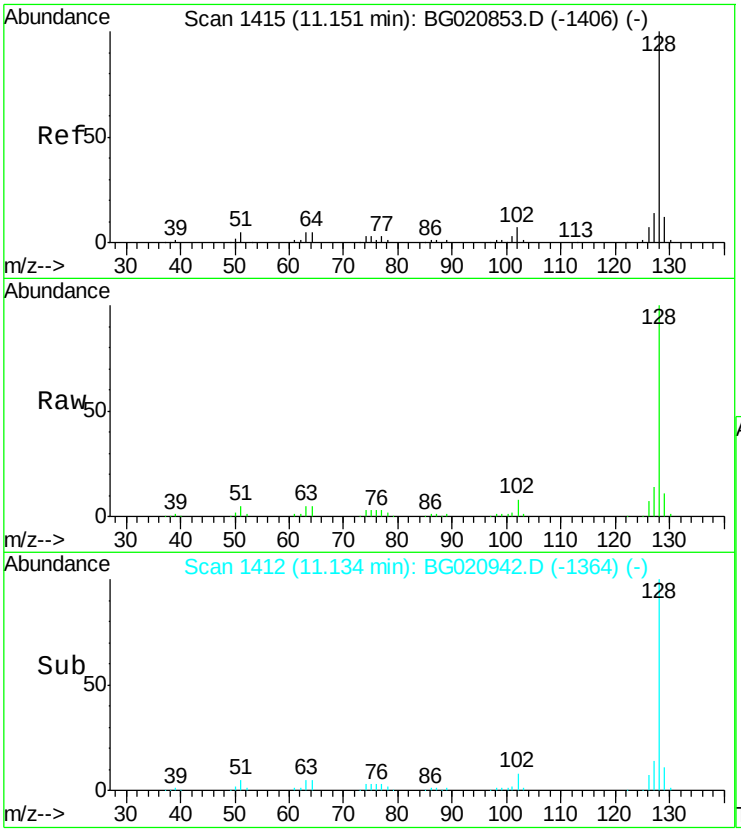


#30
1,2,4-Trichlorobenzene
Concen: 41.76 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:180 Resp: 51684

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.1	111.1
145	30.2	24.1	36.1

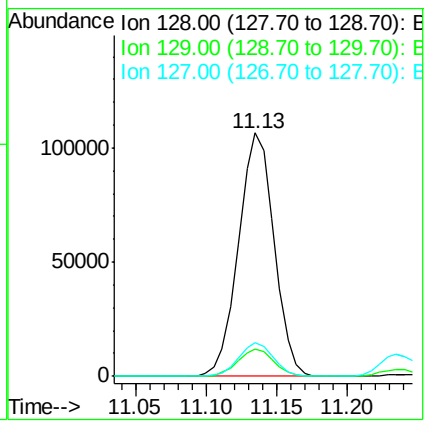




#31
Naphthalene
Concen: 42.32 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

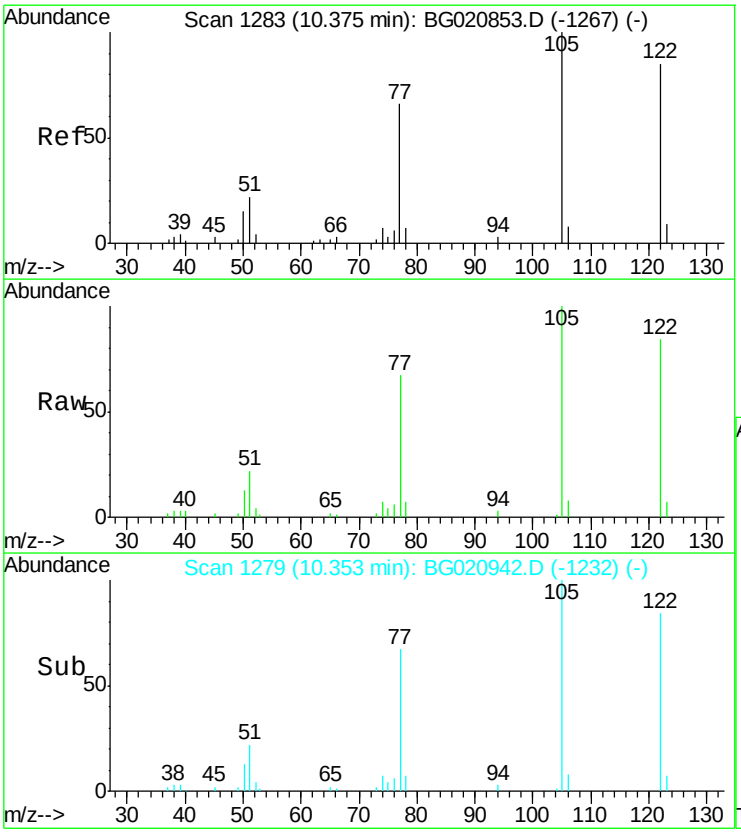
Tgt Ion:128 Resp: 187753

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.8	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
PB88350BS

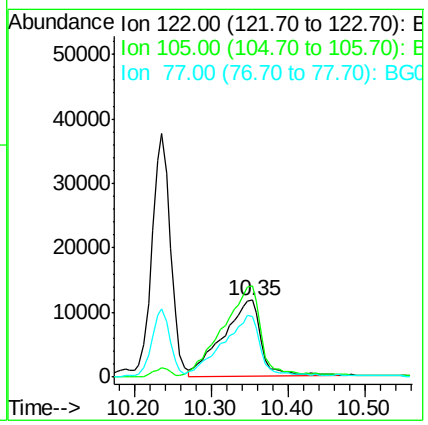
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

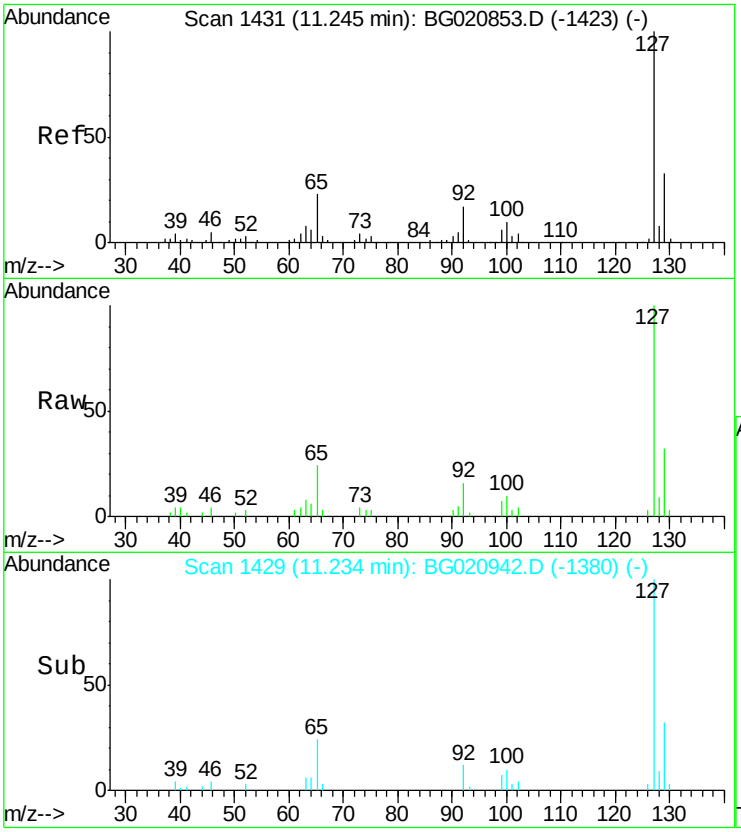


#32
Benzoic acid
Concen: 36.41 ng
RT: 10.35 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:122 Resp: 40035

Ion	Ratio	Lower	Upper
122	100		
105	119.3	94.0	134.0
77	79.8	56.8	96.8

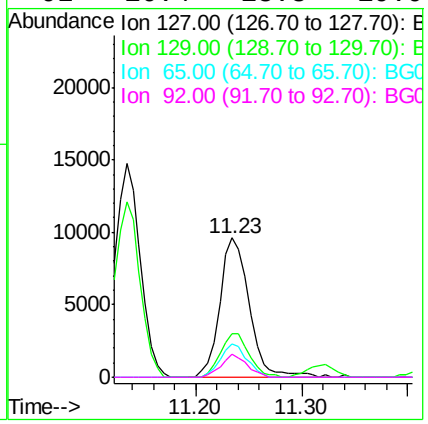




#33
4-Chloroaniline
Concen: 9.75 ng
RT: 11.23 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

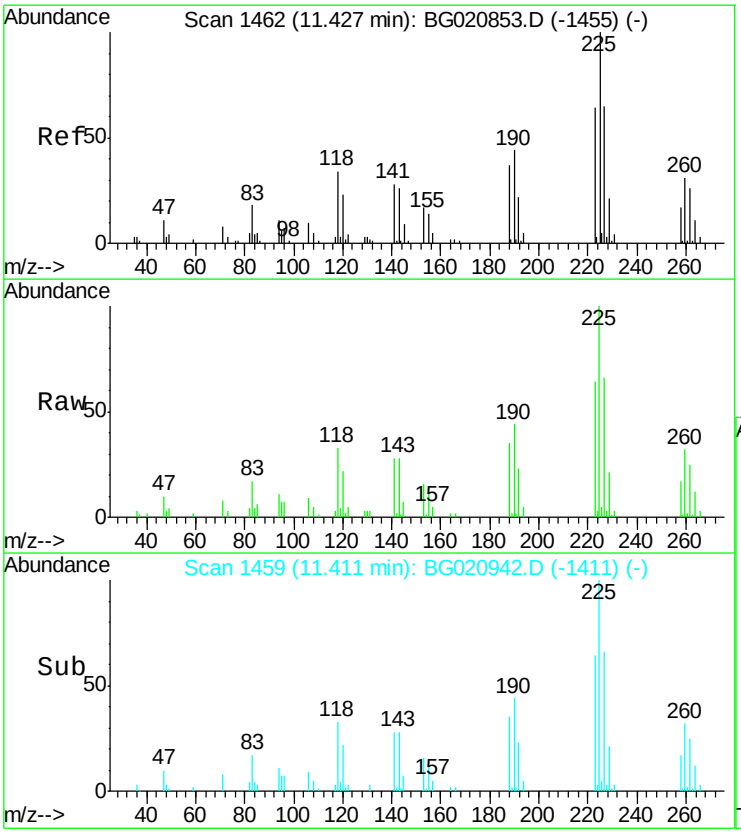
Tgt Ion:127 Resp: 18606

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	24.4	18.6	27.8
92	16.4	13.3	19.9



Instrument :
BNA_G
ClientSampleId :
PB88350BS

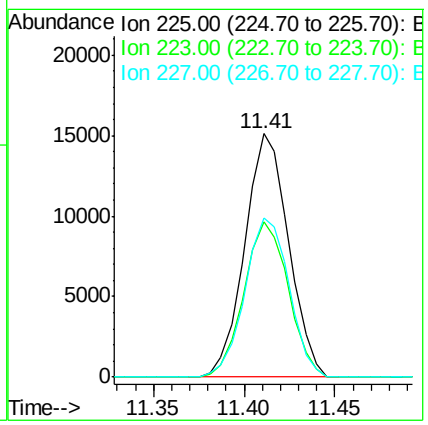
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

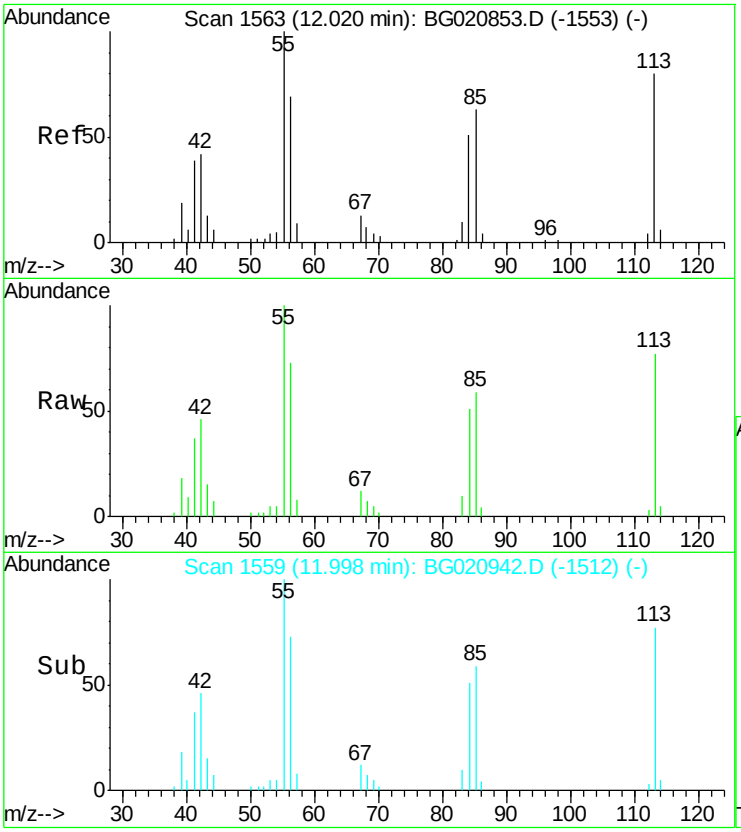


#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:225 Resp: 25480

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	65.6	51.7	77.5

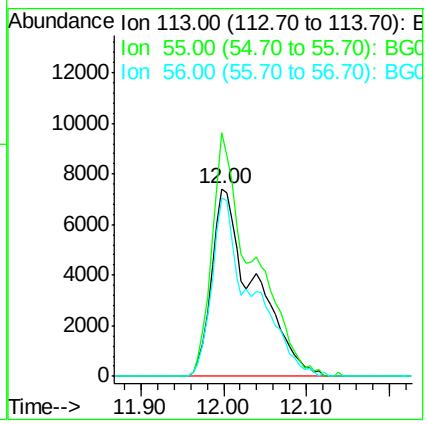




#35
Caprolactam
Concen: 56.26 ng m
RT: 12.00 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

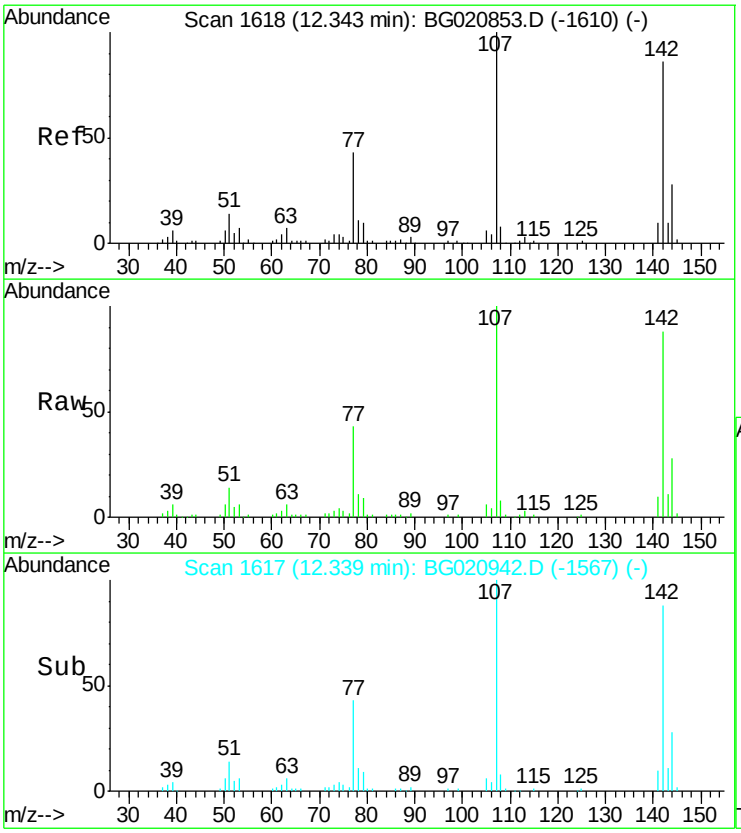
Tgt Ion:113 Resp: 26489

Ion	Ratio	Lower	Upper
113	100		
55	129.8	104.4	144.4
56	95.4	65.4	105.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

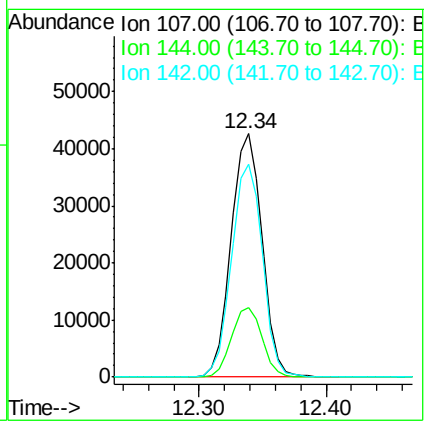
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

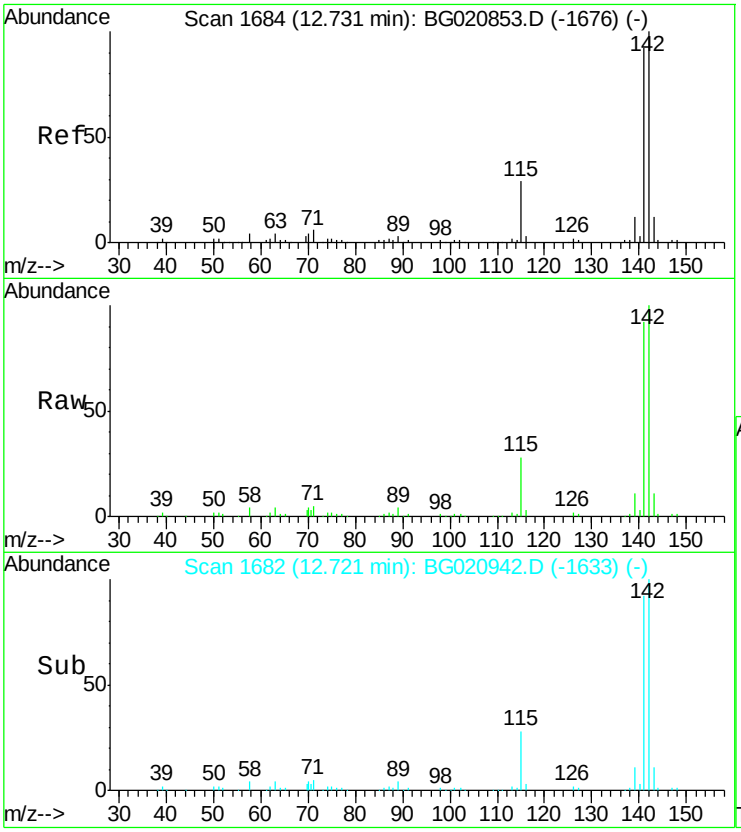


#36
4-Chloro-3-methylphenol
Concen: 51.02 ng
RT: 12.34 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:107 Resp: 71825

Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.4	33.6
142	87.7	68.6	103.0

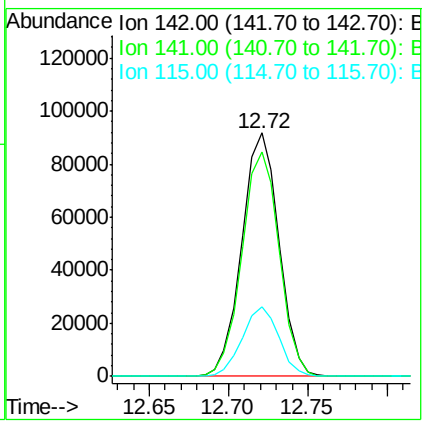




#37
2-Methylnaphthalene
Concen: 47.92 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

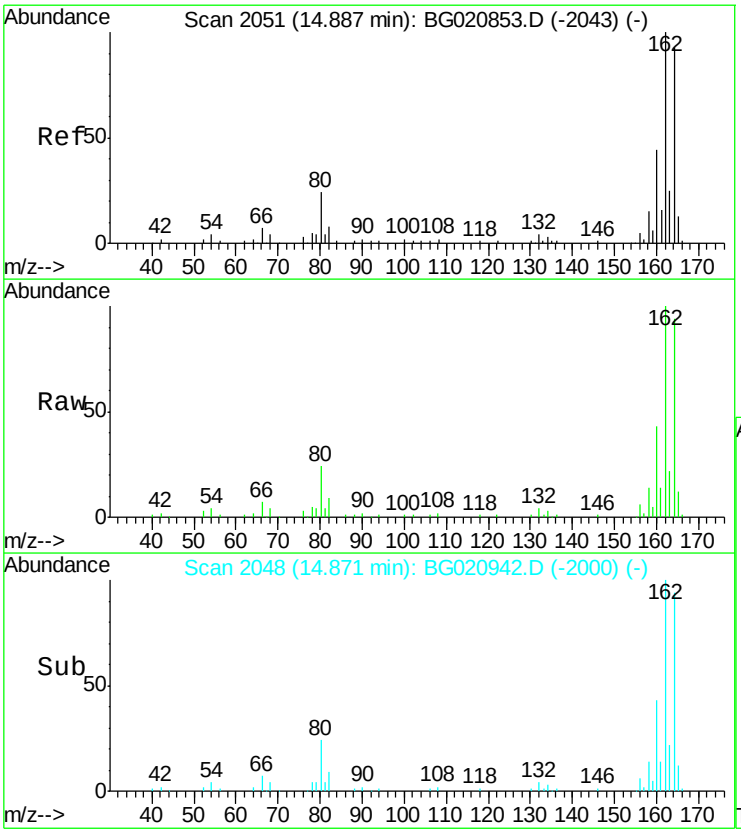
Tgt Ion:142 Resp: 149149

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2
115	28.4	23.0	34.6



Instrument :
BNA_G
ClientSampleId :
PB88350BS

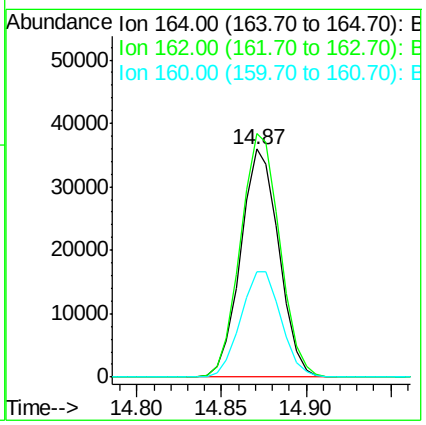
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

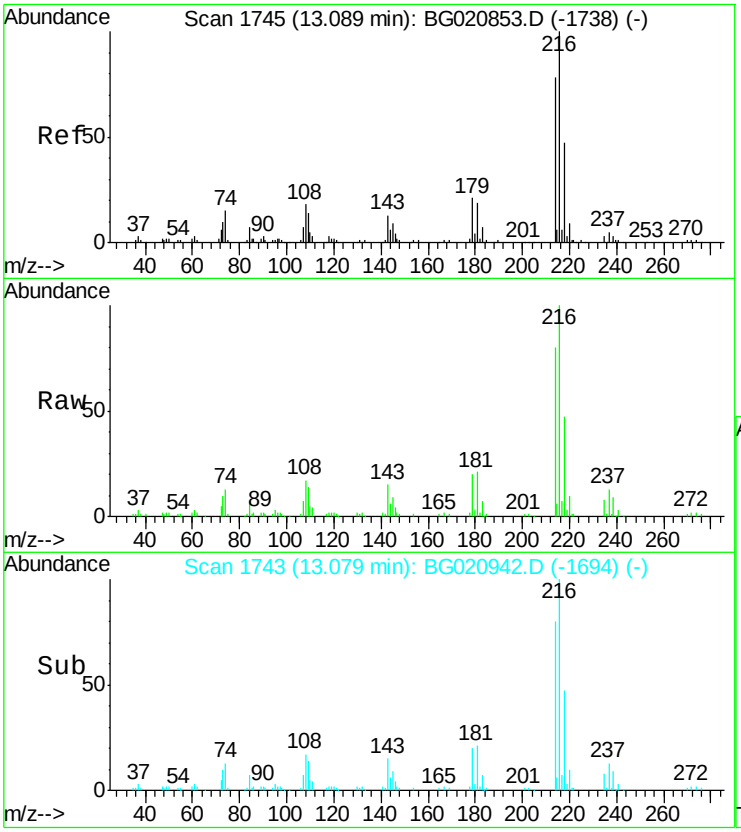


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:164 Resp: 56425

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.7	128.5
160	46.3	37.4	56.0

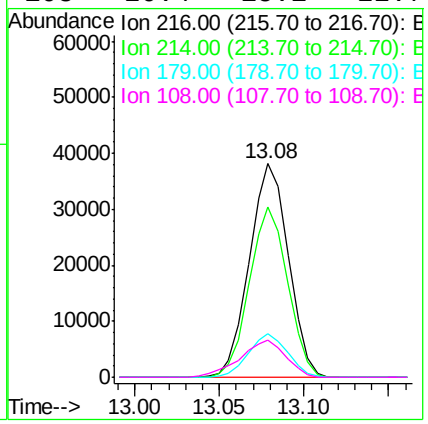




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.99 ng
RT: 13.08 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

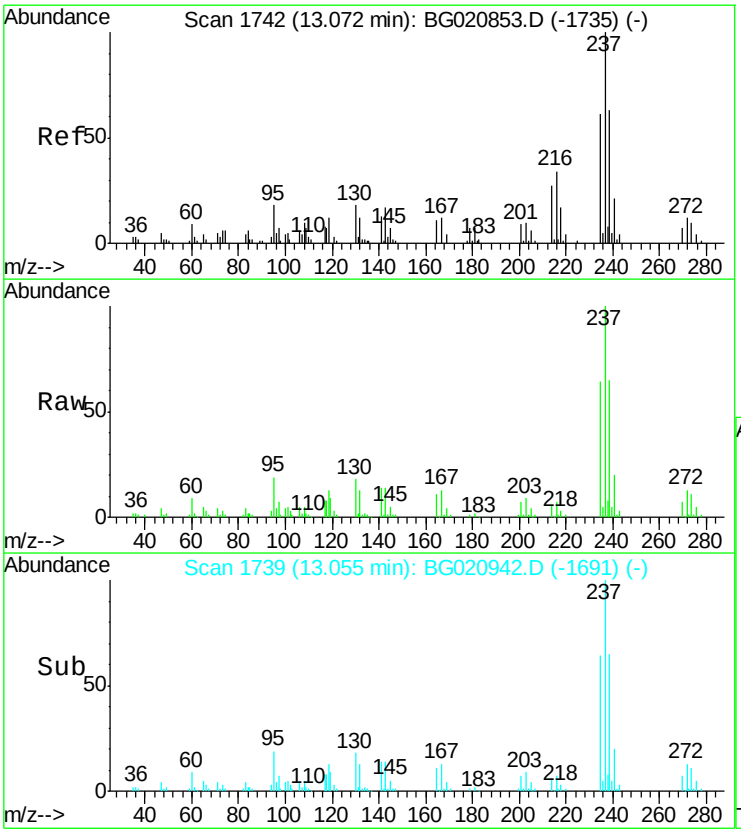
Tgt Ion:216 Resp: 61226

Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.9	92.9
179	20.4	16.5	24.7
108	20.4	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
PB88350BS

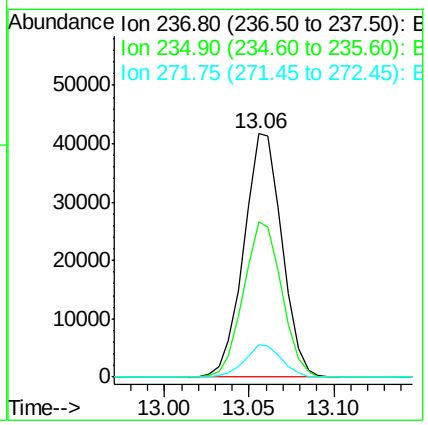
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

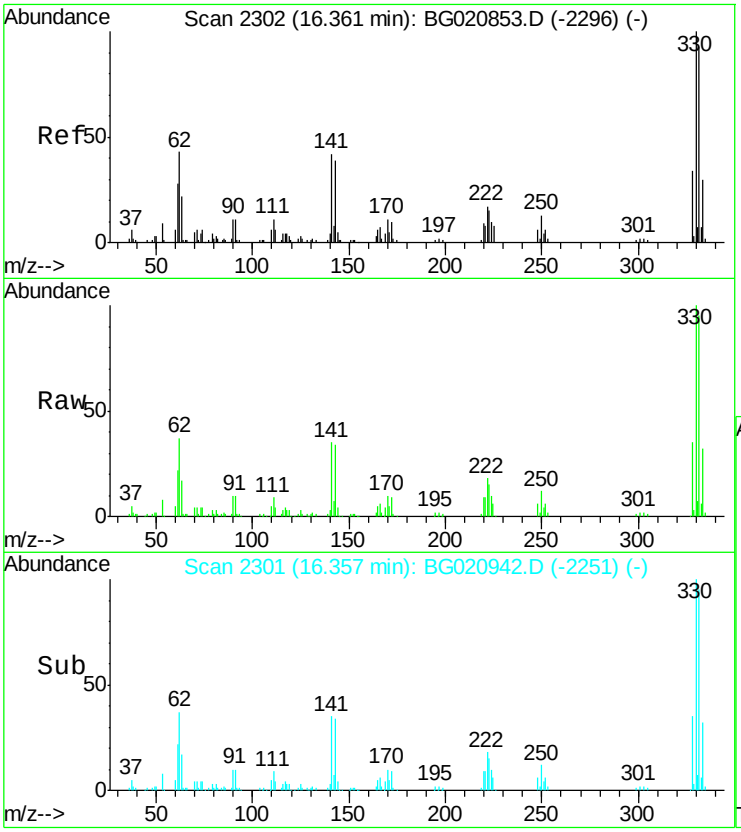


#40
Hexachlorocyclopentadiene
Concen: 89.73 ng
RT: 13.06 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:237 Resp: 65338

Ion	Ratio	Lower	Upper
237	100		
235	63.5	40.8	80.8
272	13.1	0.0	32.3





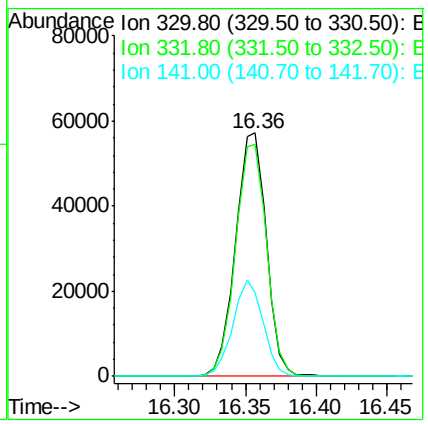
#41
2,4,6-Tribromophenol
Concen: 156.66 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

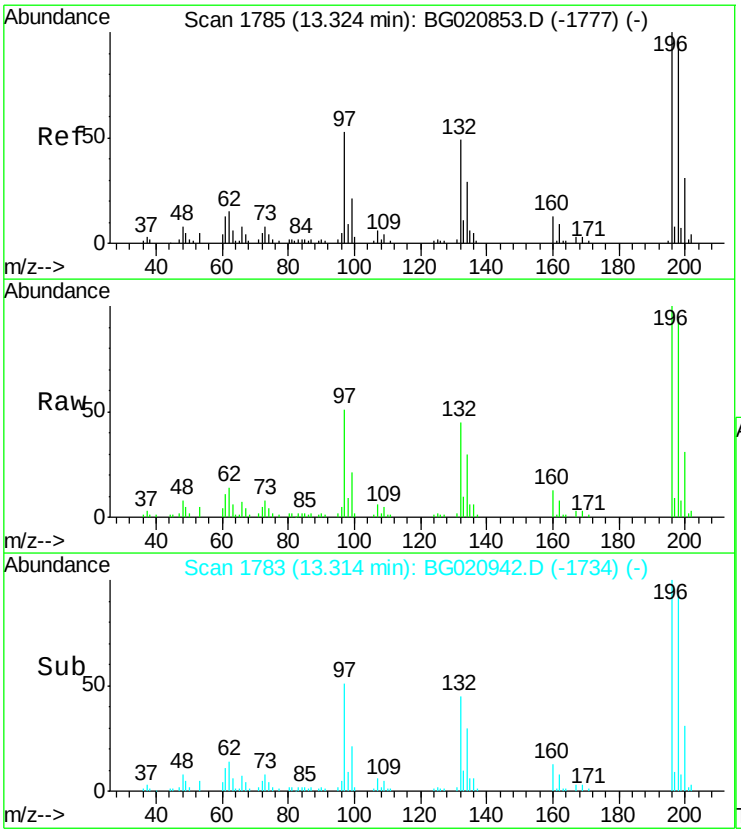
Tgt Ion:330 Resp: 86929

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	38.6	32.0	48.0

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

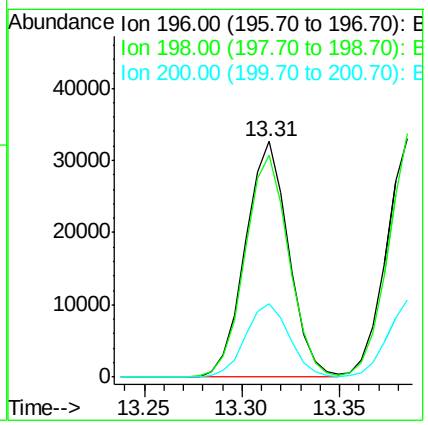


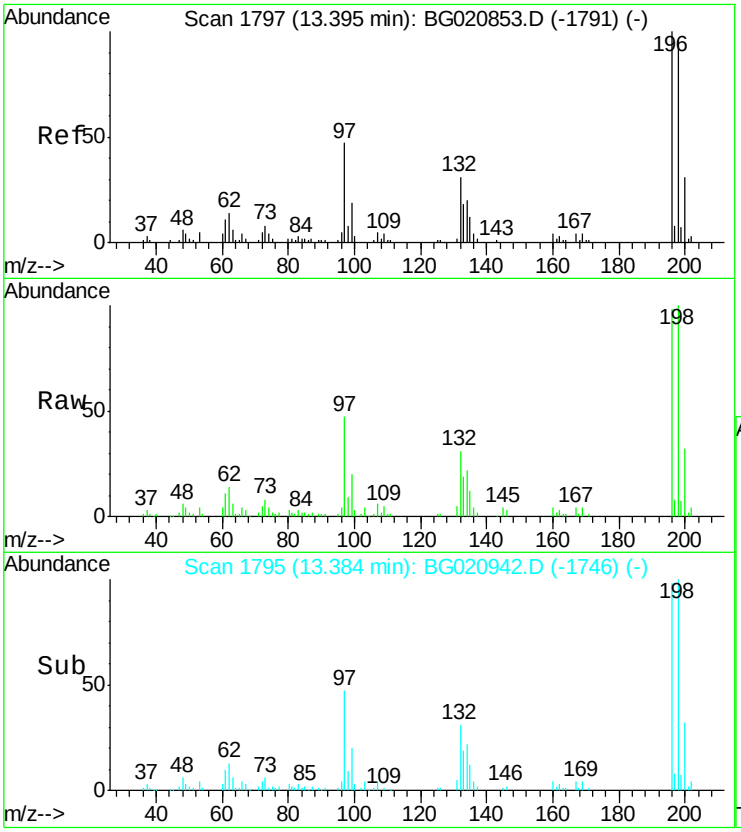


#42
2,4,6-Trichlorophenol
Concen: 44.90 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:196 Resp: 49928

Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.1	115.7
200	31.3	24.7	37.1

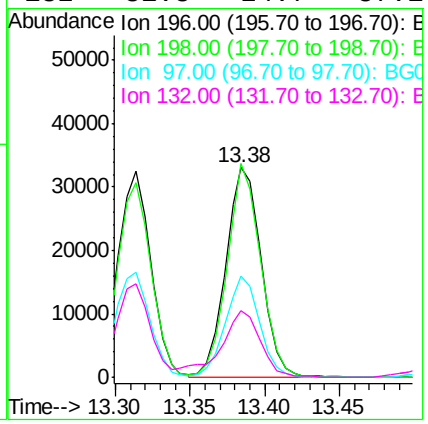




#43
2,4,5-Trichlorophenol
Concen: 46.82 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

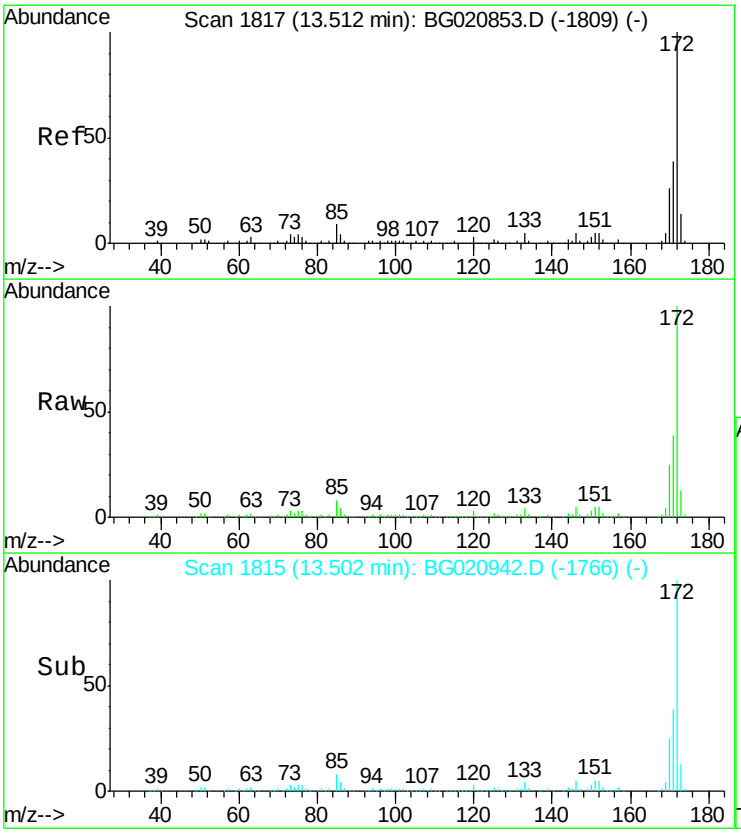
Tgt Ion:196 Resp: 54737

Ion	Ratio	Lower	Upper
196	100		
198	102.0	76.4	114.6
97	48.1	37.4	56.0
132	31.8	24.7	37.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

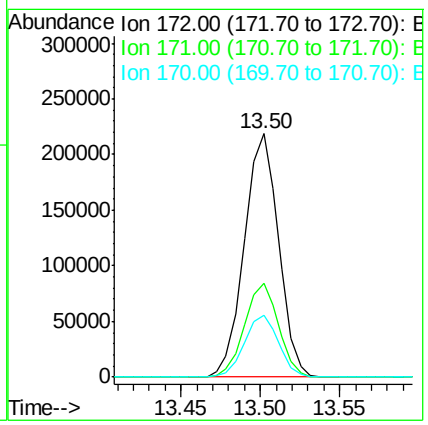
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

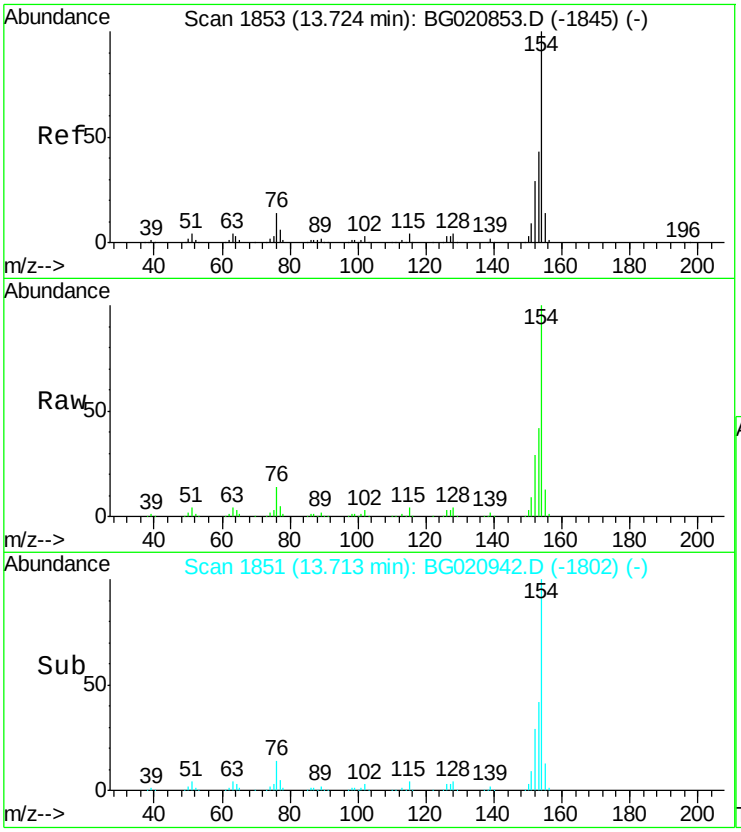


#44
2-Fluorobiphenyl
Concen: 81.81 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:172 Resp: 328617

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.2	46.8
170	25.4	20.6	30.8

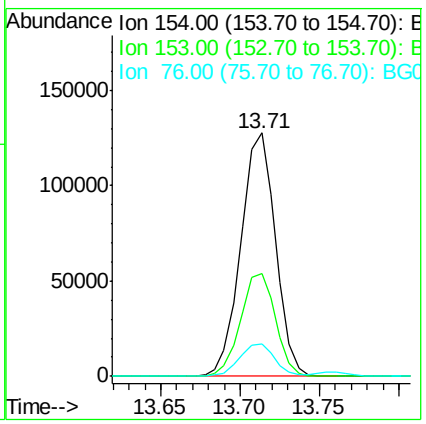




#45
1,1'-Biphenyl
Concen: 38.85 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

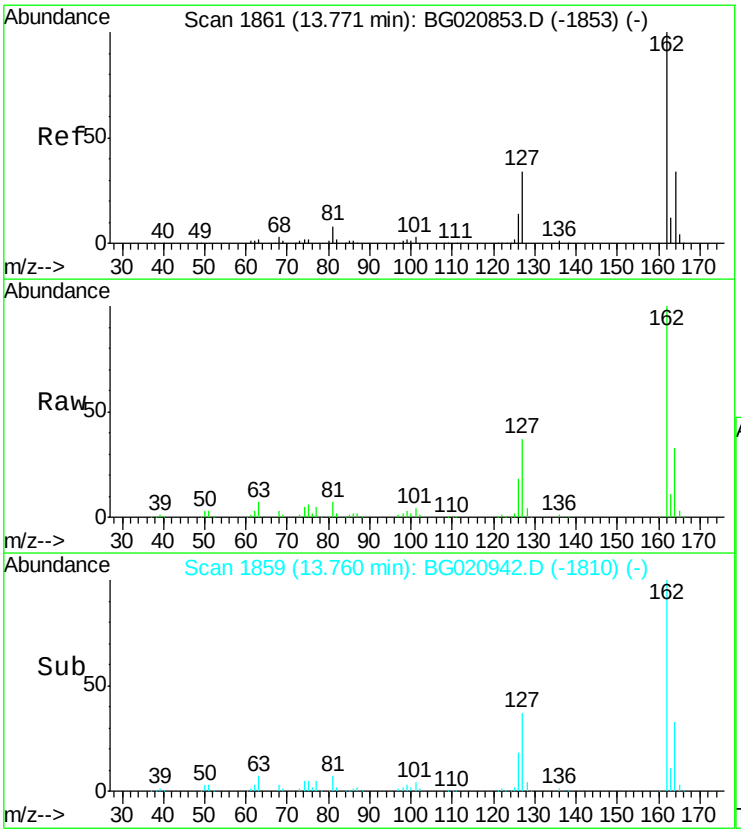
Tgt Ion:154 Resp: 193401

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.5	62.5
76	13.5	0.0	33.8



Instrument :
BNA_G
ClientSampleId :
PB88350BS

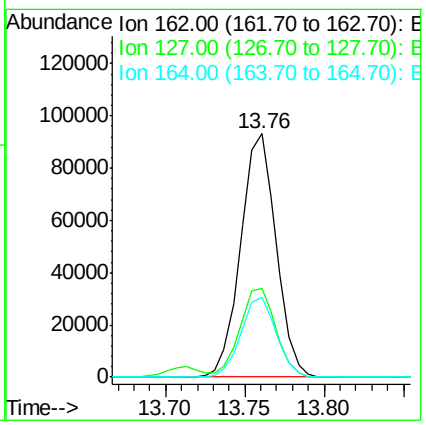
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

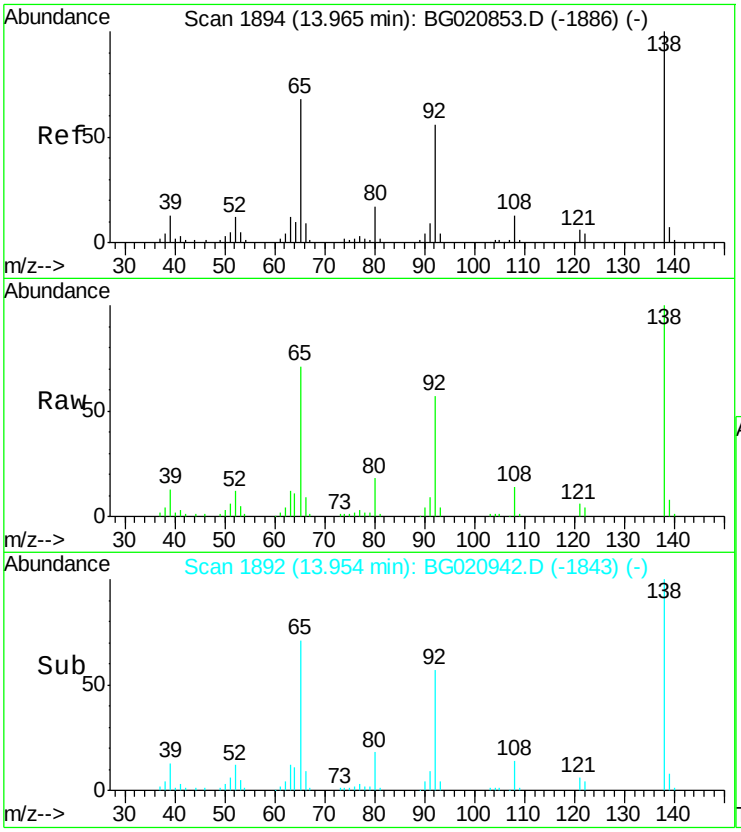


#46
2-Chloronaphthalene
Concen: 40.50 ng
RT: 13.76 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:162 Resp: 144321

Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.6	45.8
164	32.5	26.8	40.2

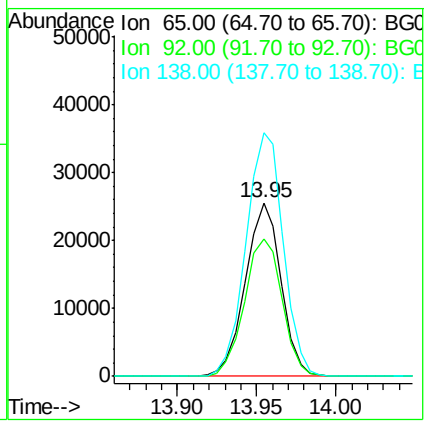




#47
2-Nitroaniline
Concen: 46.81 ng
RT: 13.95 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

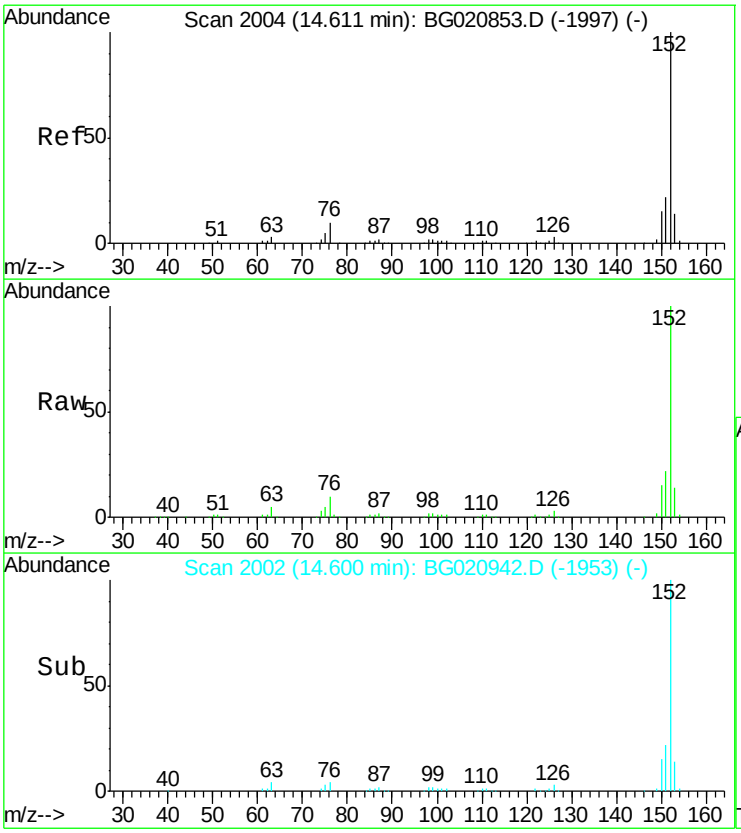
Tgt Ion: 65 Resp: 39949

Ion	Ratio	Lower	Upper
65	100		
92	79.6	65.8	98.8
138	140.5	117.1	175.7



Instrument :
BNA_G
ClientSampleId :
PB88350BS

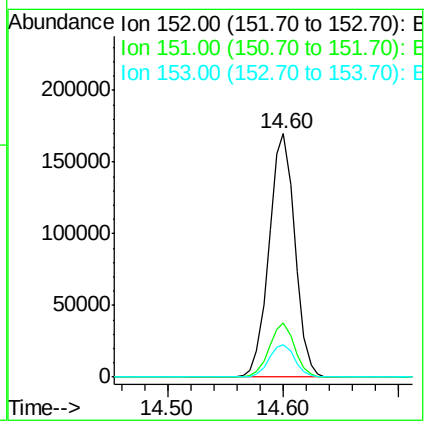
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

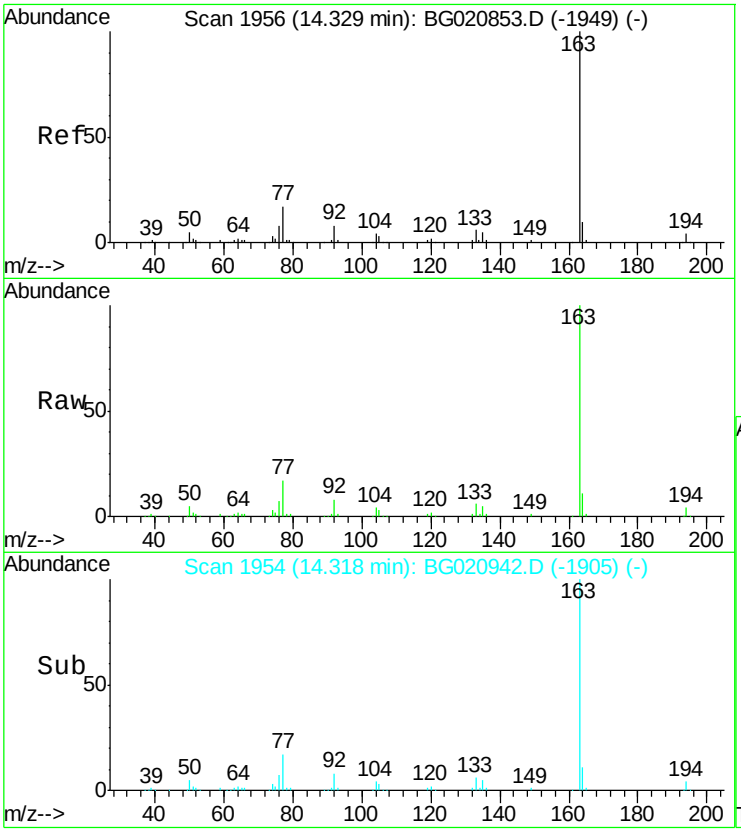


#48
Acenaphthylene
Concen: 42.81 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:152 Resp: 265257

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.5	26.3
153	13.6	10.9	16.3

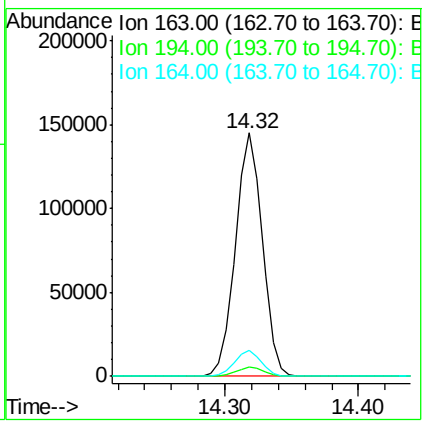




#49
Dimethylphthalate
Concen: 45.87 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

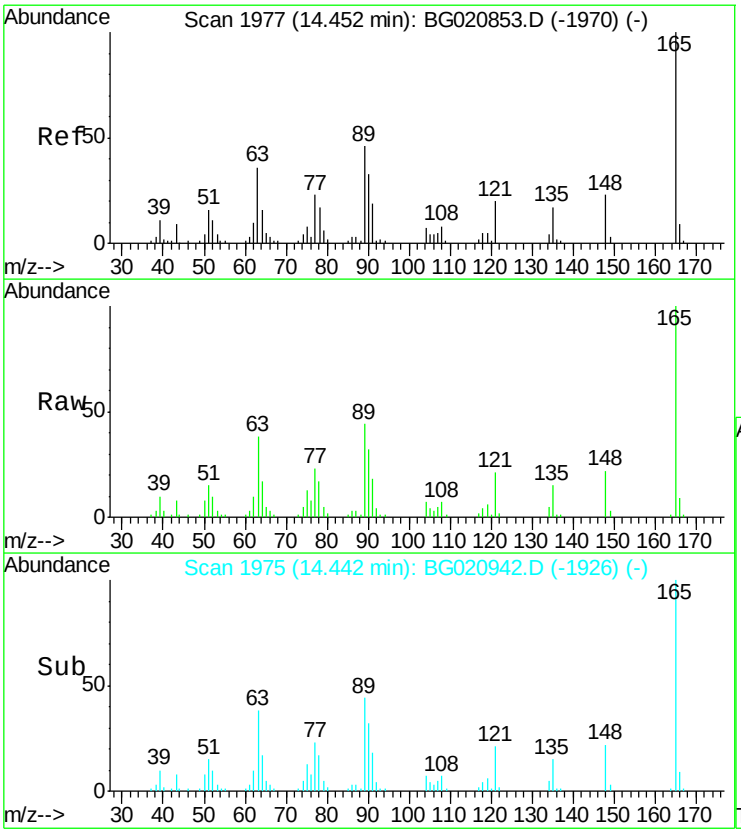
Tgt Ion:163 Resp: 202393

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.5	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
PB88350BS

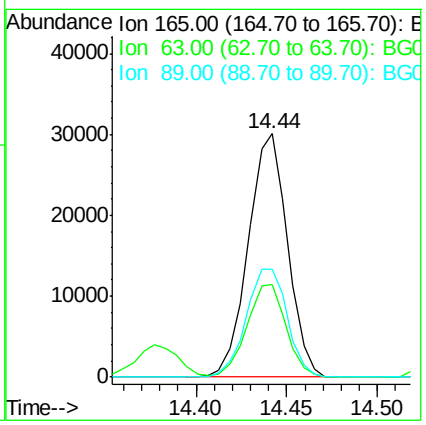
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

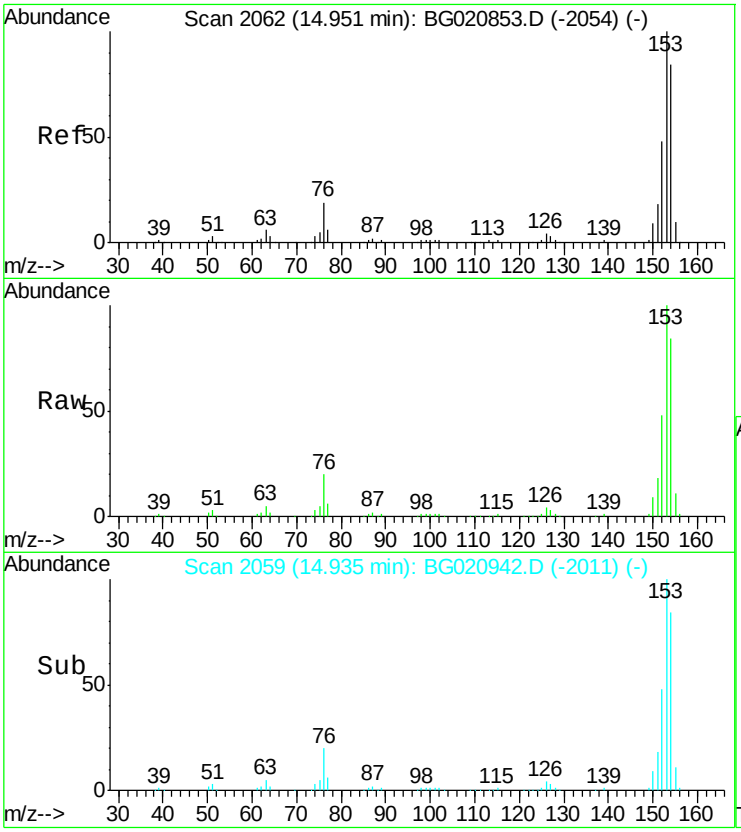


#50
2,6-Dinitrotoluene
Concen: 48.13 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:165 Resp: 45512

Ion	Ratio	Lower	Upper
165	100		
63	38.1	30.3	45.5
89	44.2	36.9	55.3

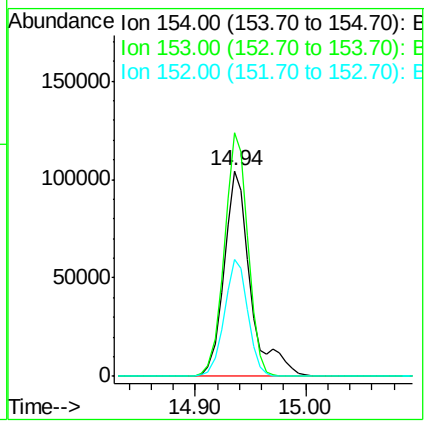




#51
Acenaphthene
Concen: 46.44 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

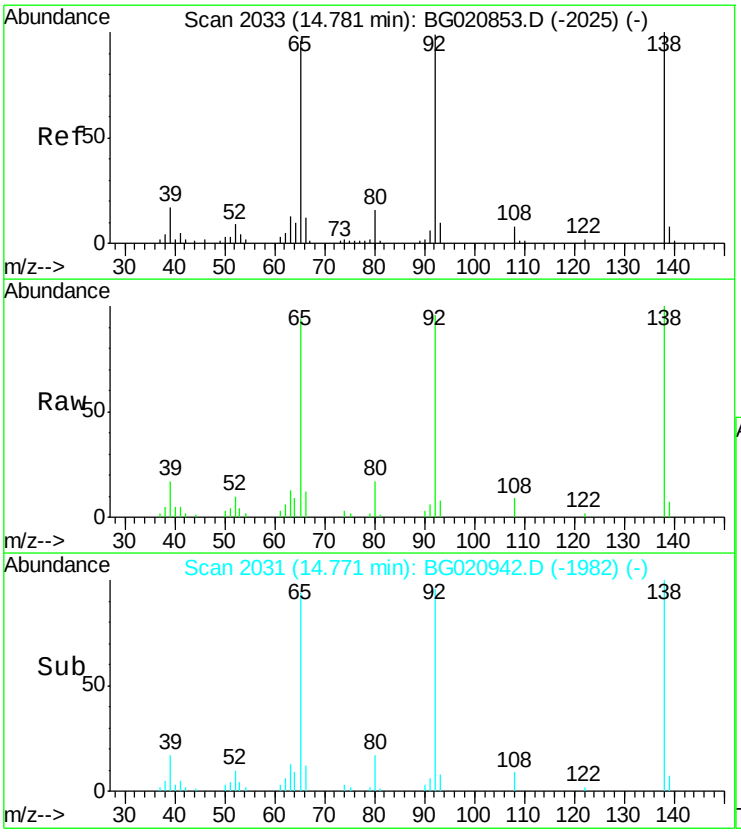
Tgt Ion:154 Resp: 174485

Ion	Ratio	Lower	Upper
154	100		
153	118.5	95.4	143.0
152	57.1	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

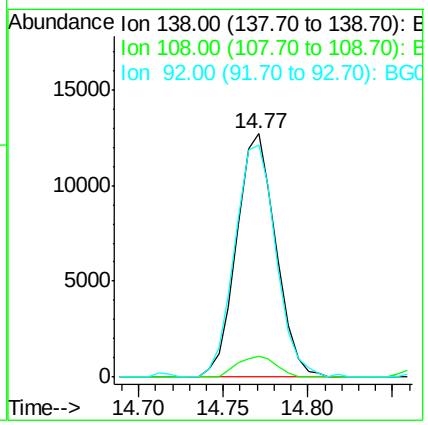
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

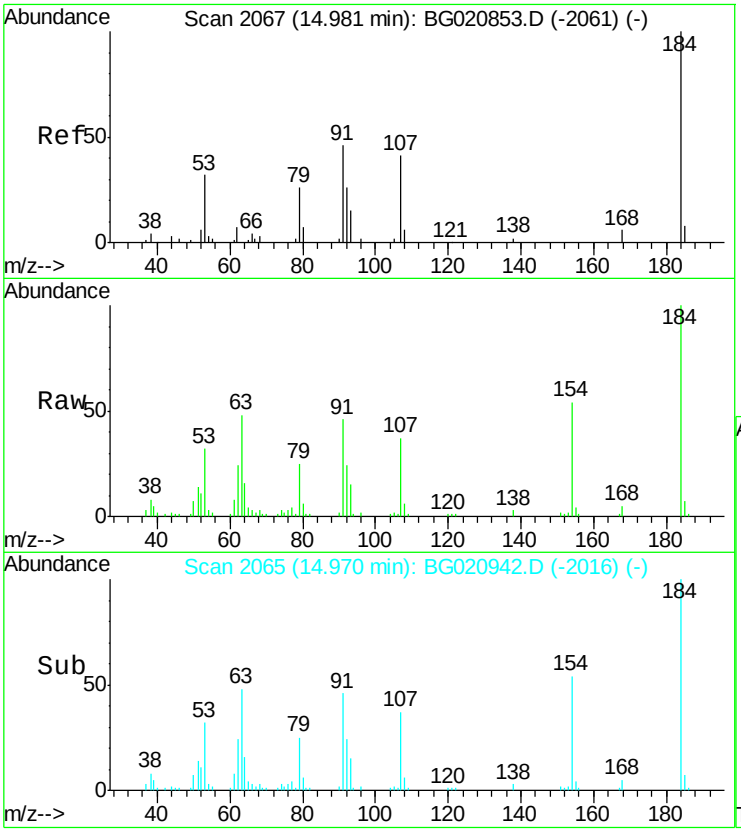


#52
3-Nitroaniline
Concen: 18.65 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:138 Resp: 20487

Ion	Ratio	Lower	Upper
138	100		
108	8.7	6.2	9.2
92	95.6	79.5	119.3

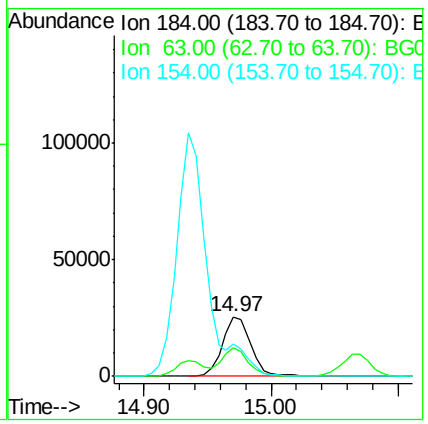




#53
2,4-Dinitrophenol
Concen: 96.60 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

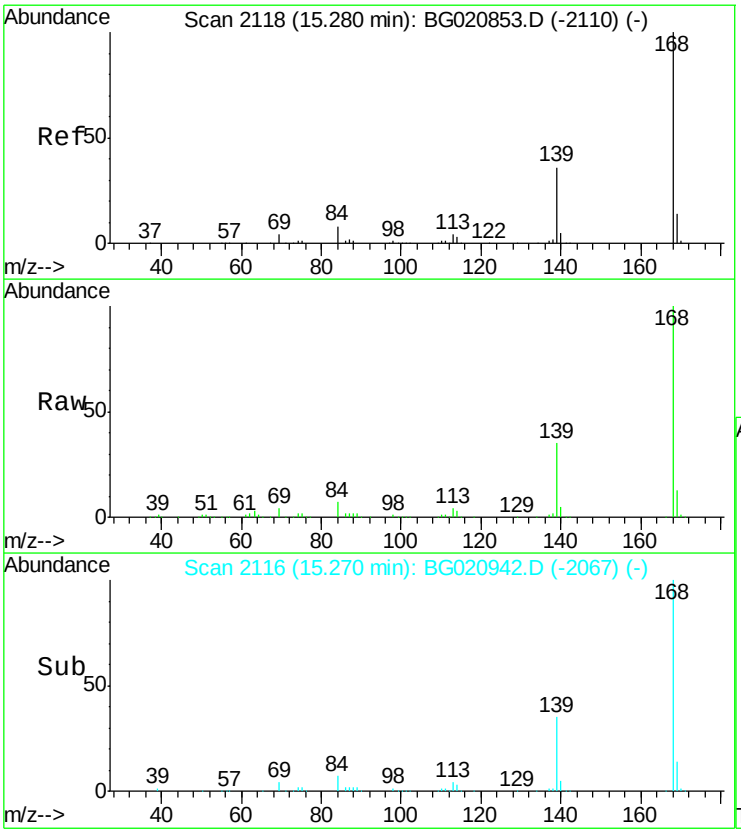
Tgt Ion:184 Resp: 39511

Ion	Ratio	Lower	Upper
184	100		
63	48.4	39.8	59.6
154	54.2	48.1	72.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

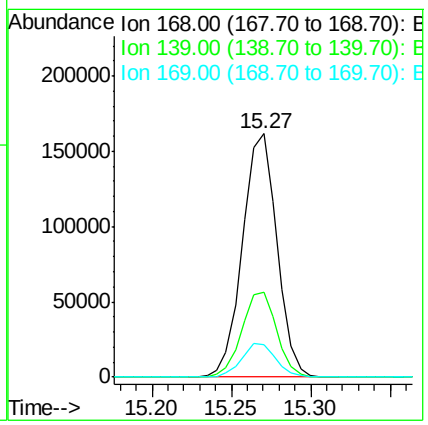
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

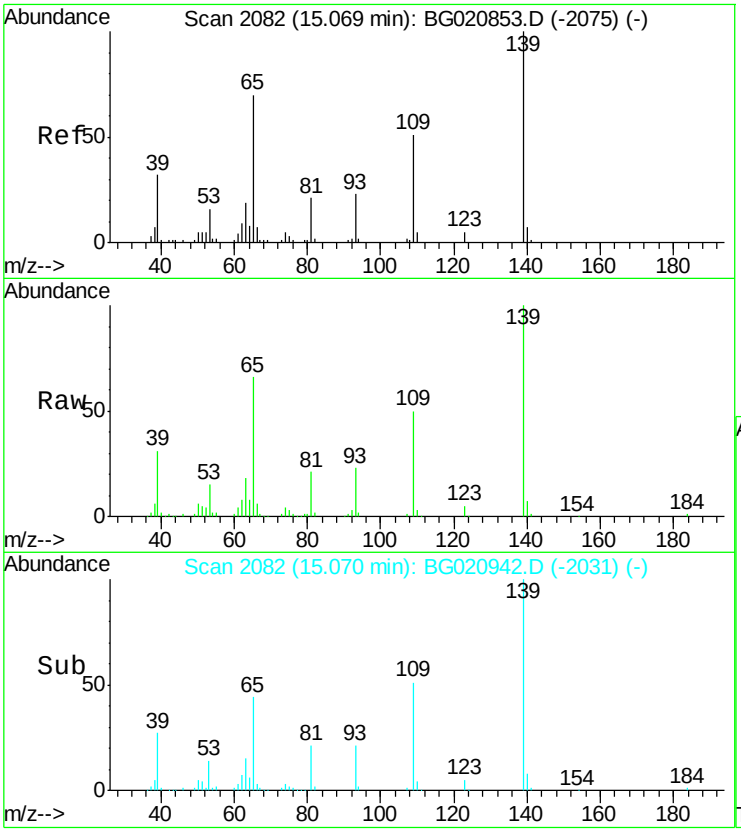


#54
Dibenzofuran
Concen: 48.94 ng
RT: 15.27 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:168 Resp: 243224

Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.5	42.7
169	13.5	11.0	16.4

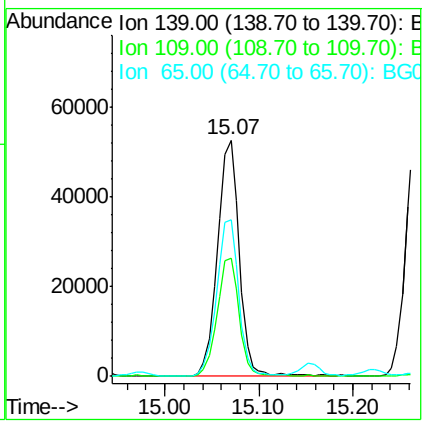




#55
4-Nitrophenol
Concen: 103.19 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

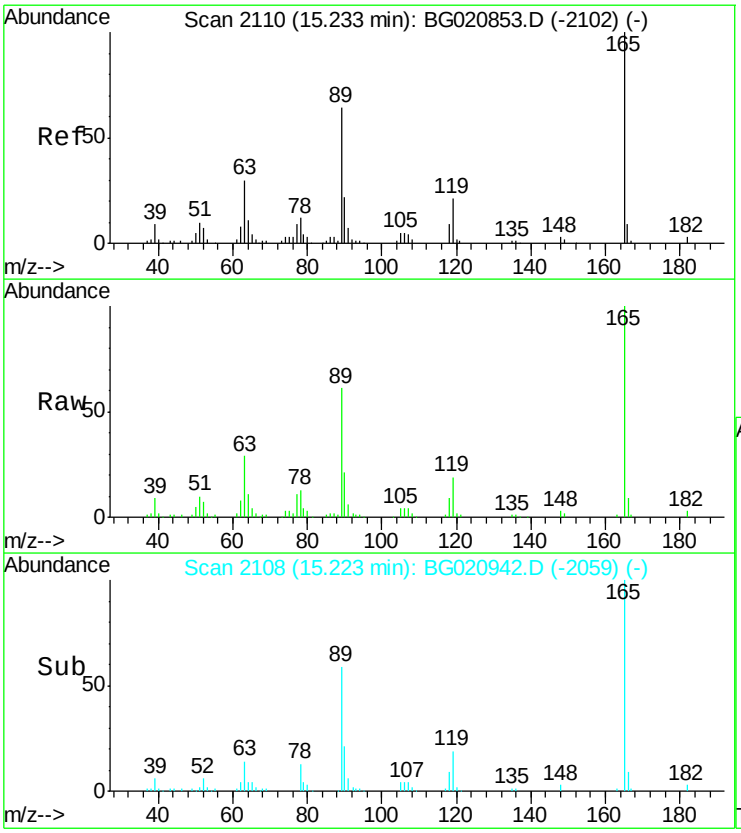
Tgt Ion:139 Resp: 85618

Ion	Ratio	Lower	Upper
139	100		
109	50.3	31.0	71.0
65	66.2	49.6	89.6



Instrument :
BNA_G
ClientSampleId :
PB88350BS

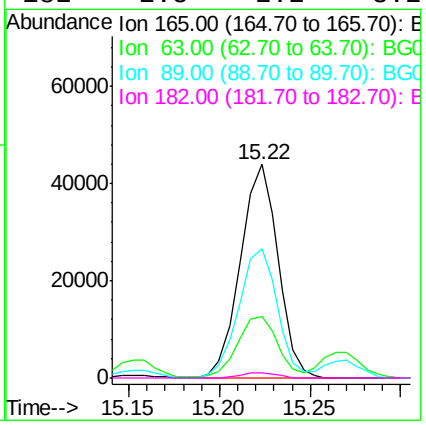
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

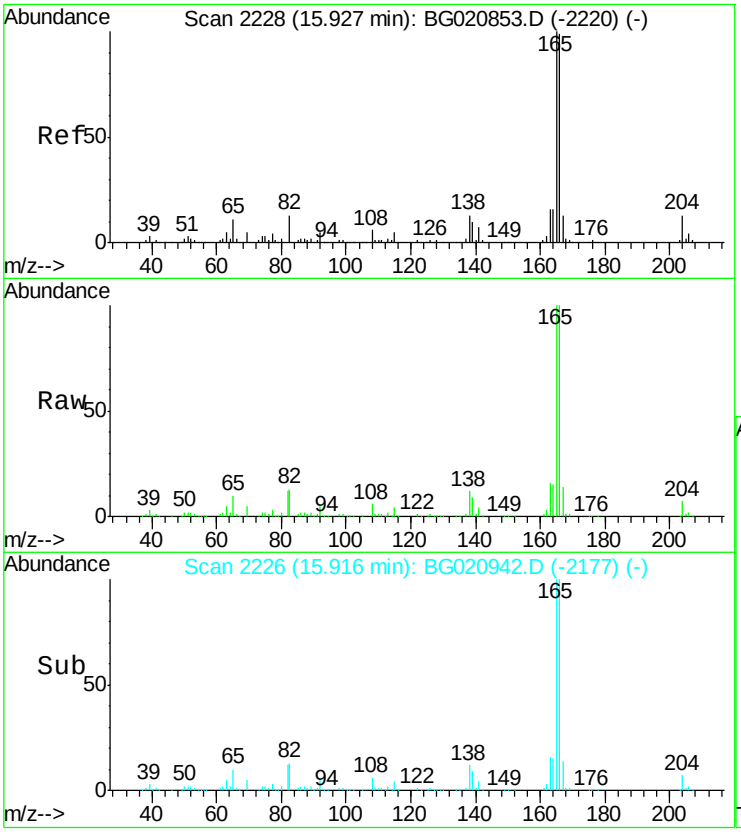


#56
2,4-Dinitrotoluene
Concen: 52.11 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:165 Resp: 63688

Ion	Ratio	Lower	Upper
165	100		
63	29.0	23.7	35.5
89	60.5	50.9	76.3
182	2.5	2.2	3.2

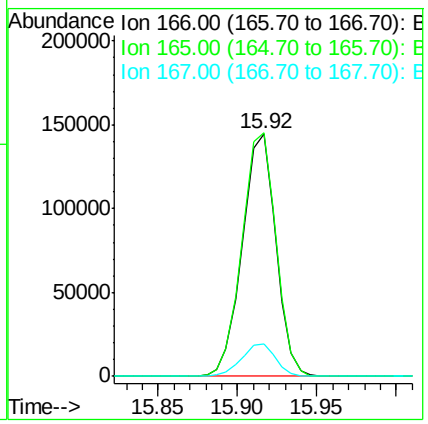




#57
Fluorene
Concen: 46.41 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

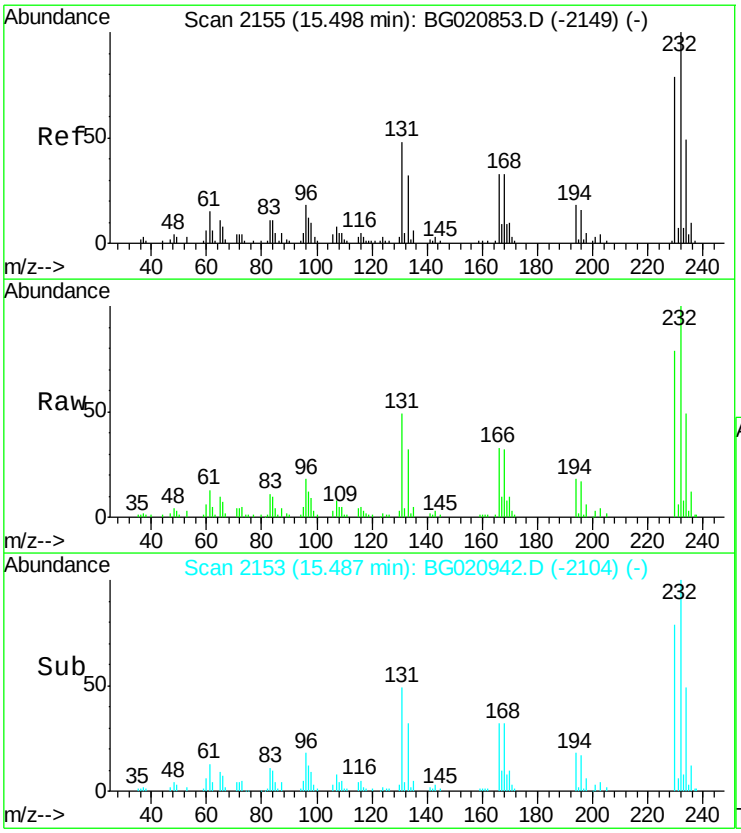
Tgt Ion:166 Resp: 212363

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.0	121.4
167	13.6	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
PB88350BS

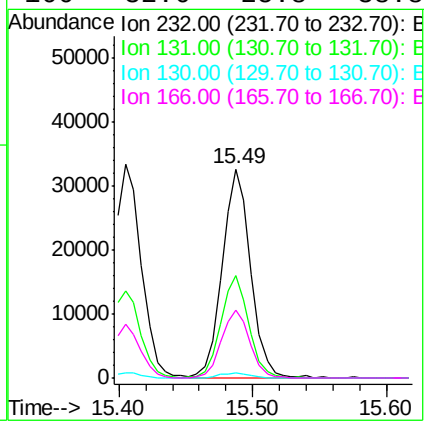
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

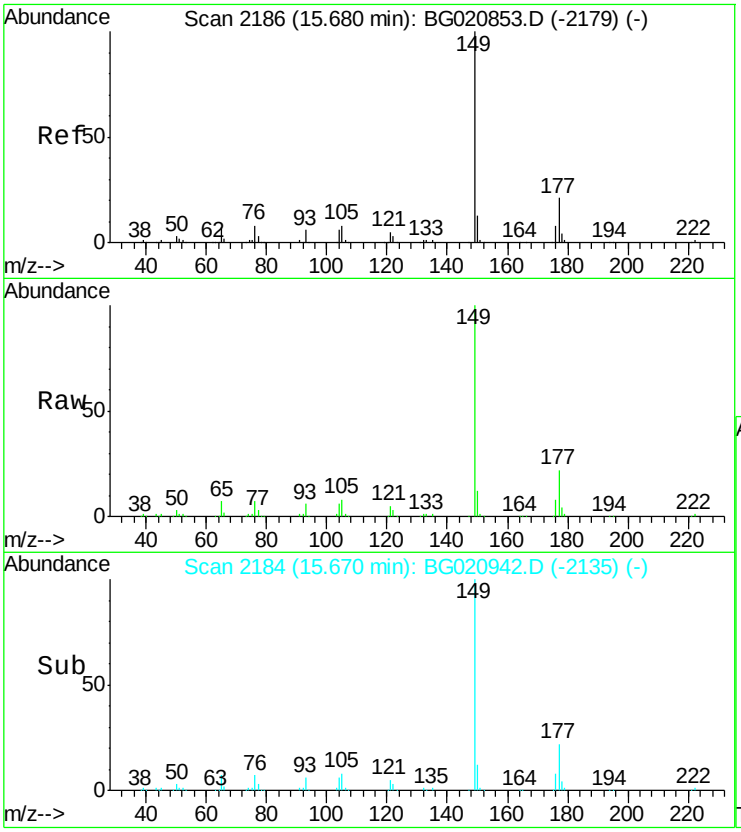


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.46 ng
RT: 15.49 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:232 Resp: 48514

Ion	Ratio	Lower	Upper
232	100		
131	48.3	39.2	58.8
130	0.0	2.0	3.0#
166	32.6	25.8	38.8

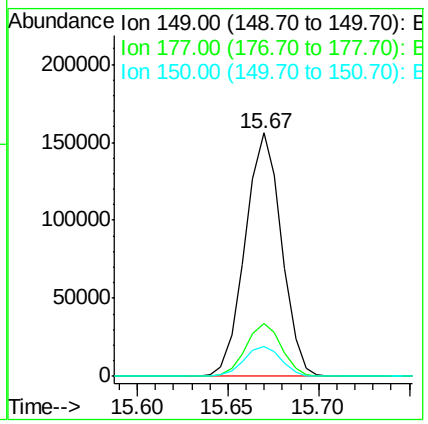




#59
Diethylphthalate
Concen: 47.88 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

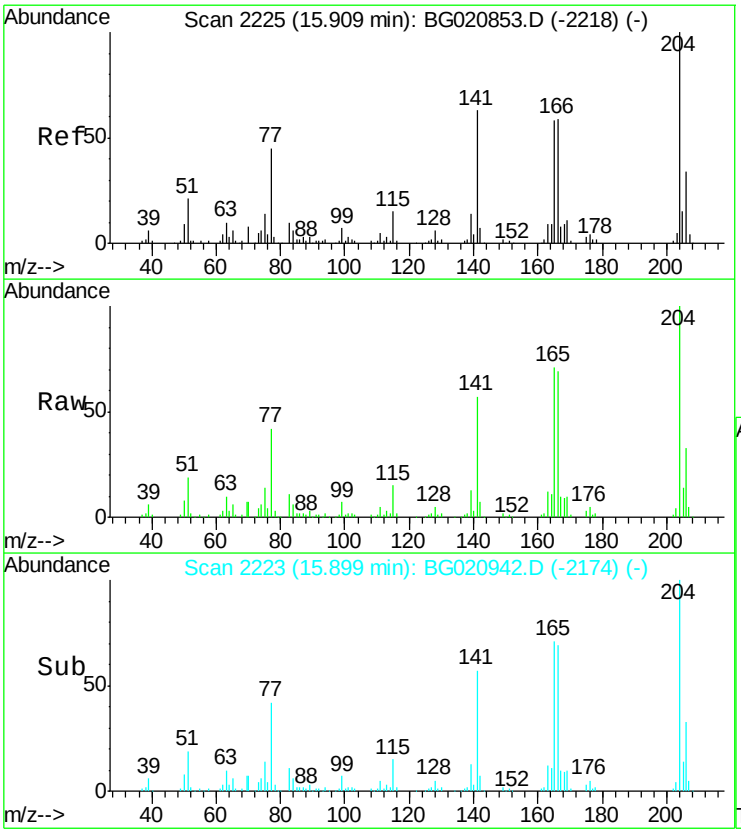
Tgt Ion:149 Resp: 217183

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.9	25.3
150	12.4	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

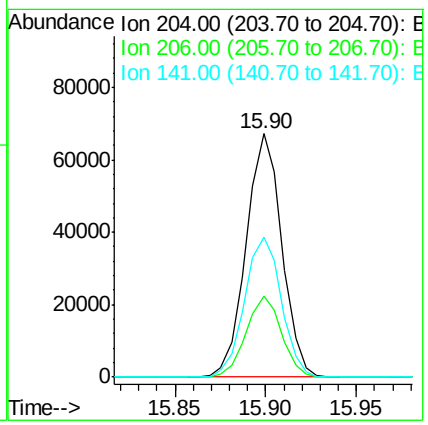
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

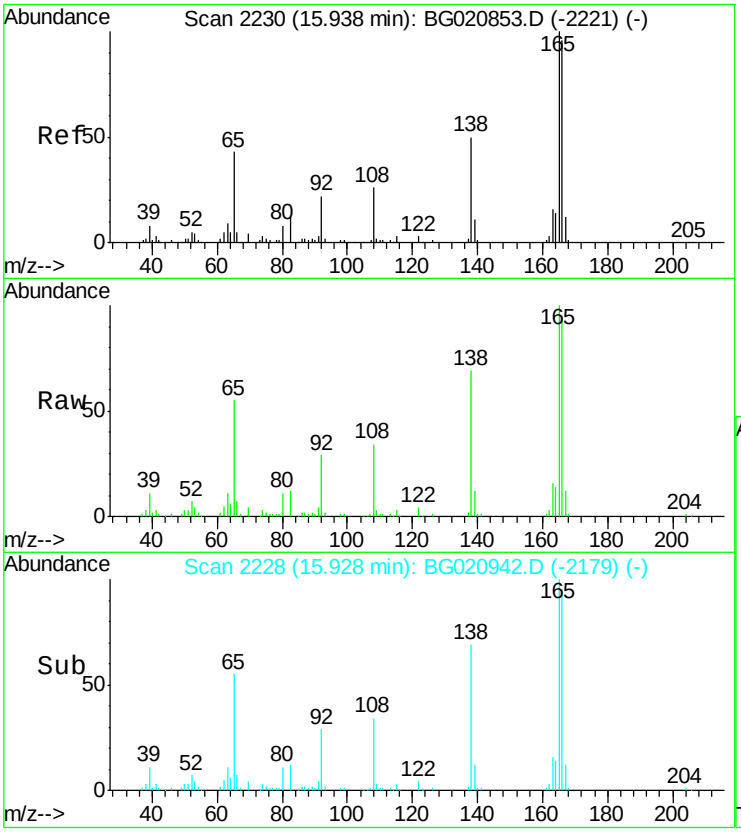


#60
4-Chlorophenyl-phenylether
Concen: 45.13 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:204 Resp: 91733

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	57.4	50.3	75.5

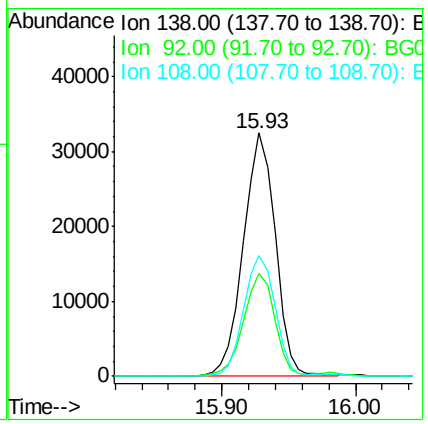




#61
4-Nitroaniline
Concen: 48.77 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

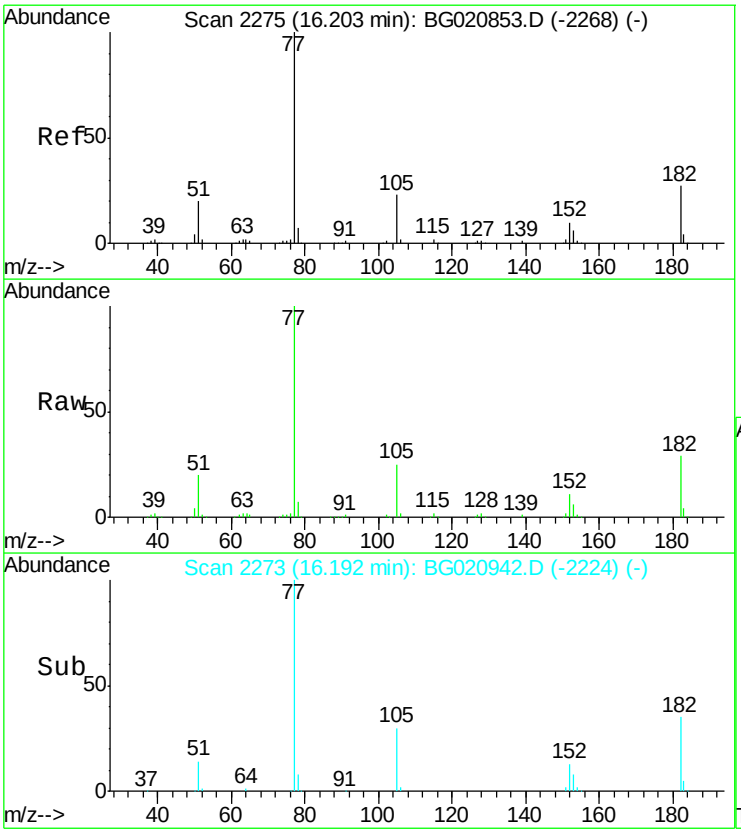
Tgt Ion:138 Resp: 53779

Ion	Ratio	Lower	Upper
138	100		
92	42.1	24.1	64.1
108	49.4	32.4	72.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

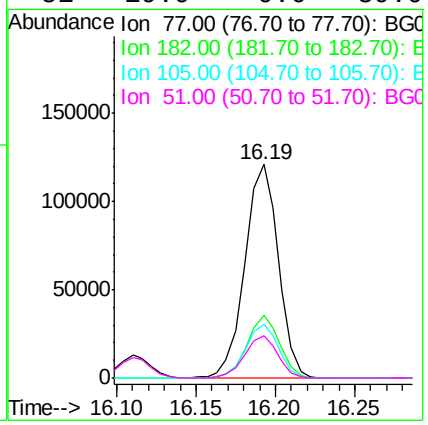
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

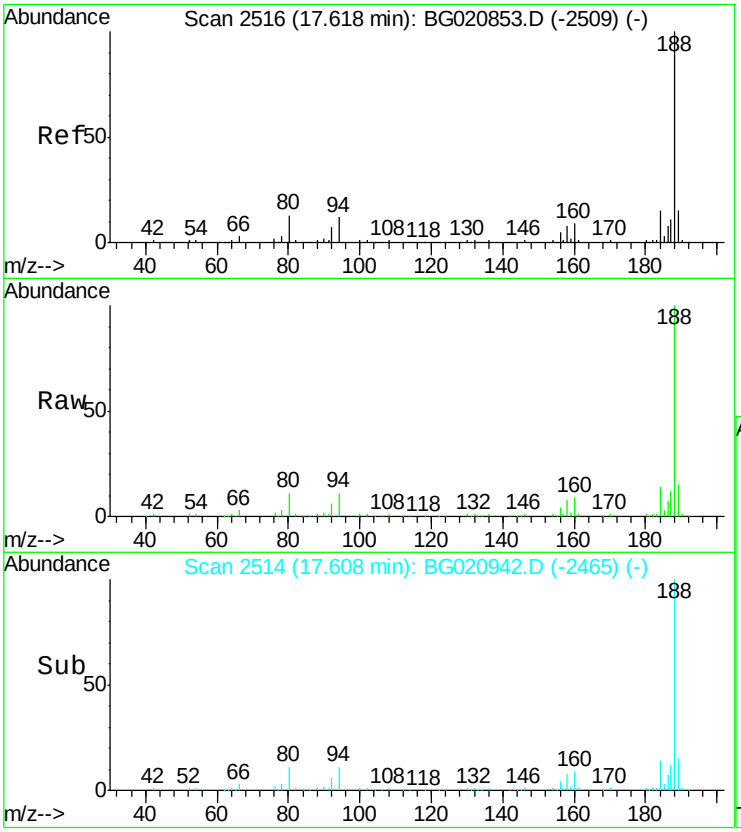


#62
Azobenzene
Concen: 49.67 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion: 77 Resp: 177150

Ion	Ratio	Lower	Upper
77	100		
182	29.3	6.8	46.8
105	25.2	3.4	43.4
51	19.9	0.0	39.9





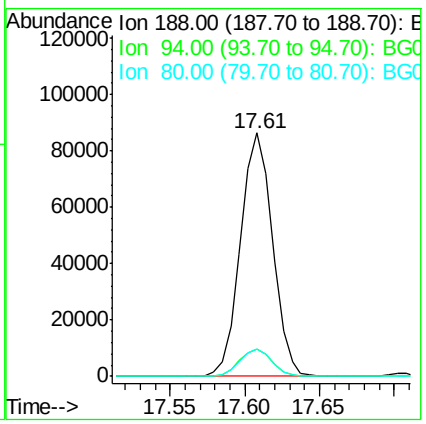
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

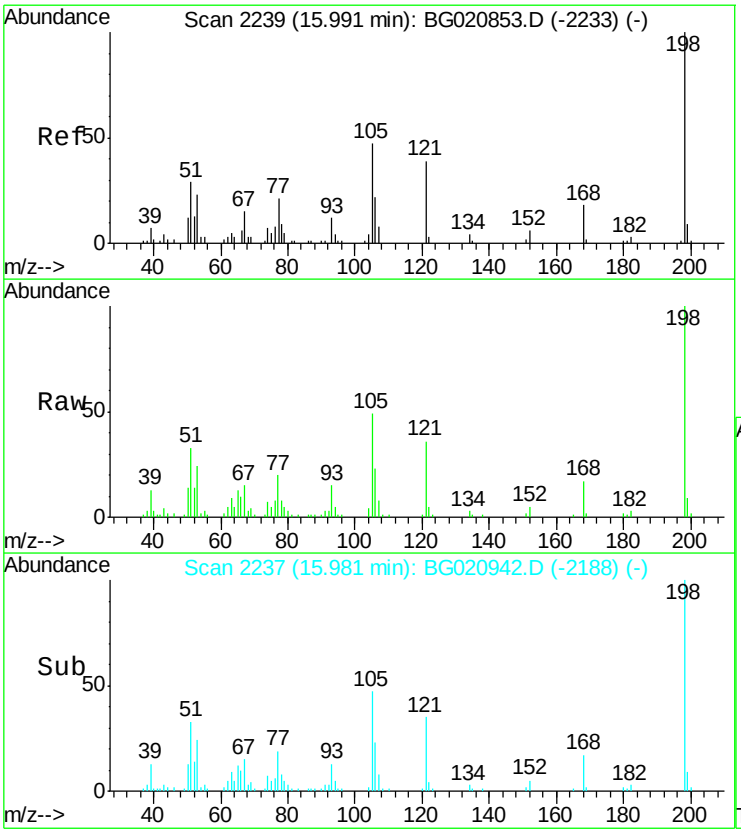
Tgt Ion:188 Resp: 127852

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.0
80	11.2	10.2	15.4

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

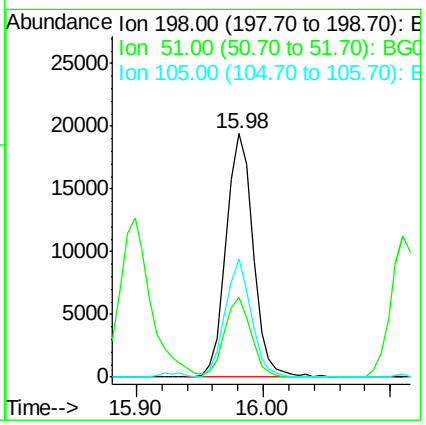


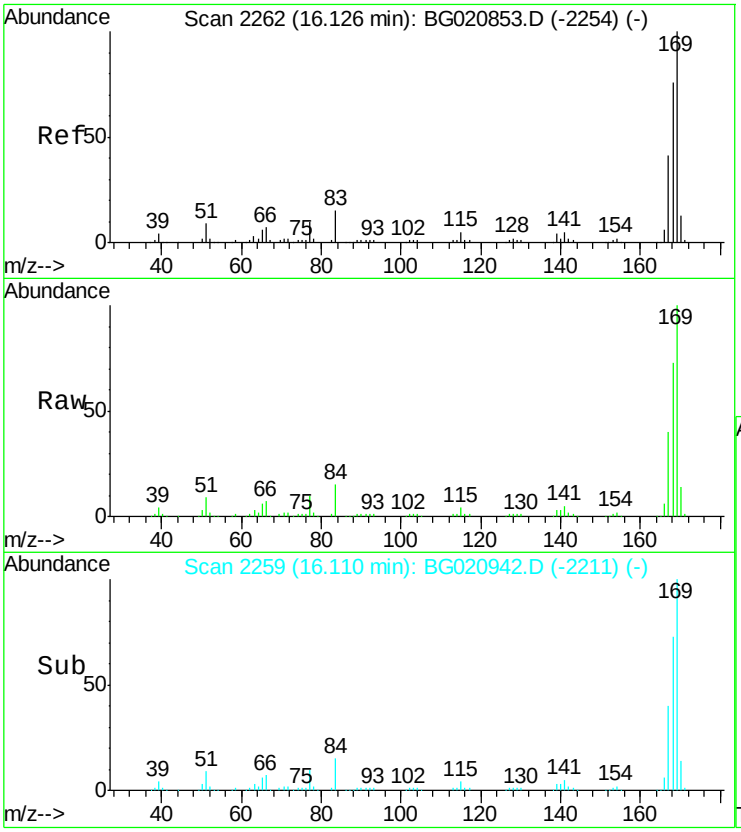


#64
4,6-Dinitro-2-methylphenol
Concen: 44.44 ng
RT: 15.98 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:198 Resp: 28575

Ion	Ratio	Lower	Upper
198	100		
51	32.7	10.6	50.6
105	48.8	27.0	67.0





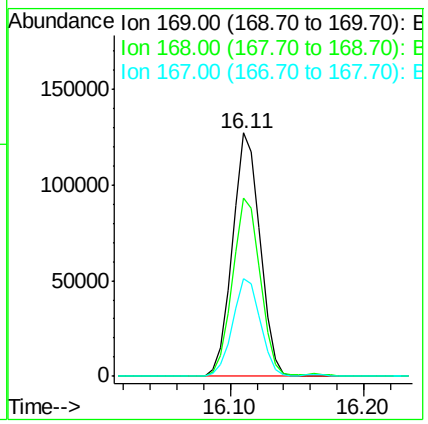
#65
n-Nitrosodiphenylamine
Concen: 44.21 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

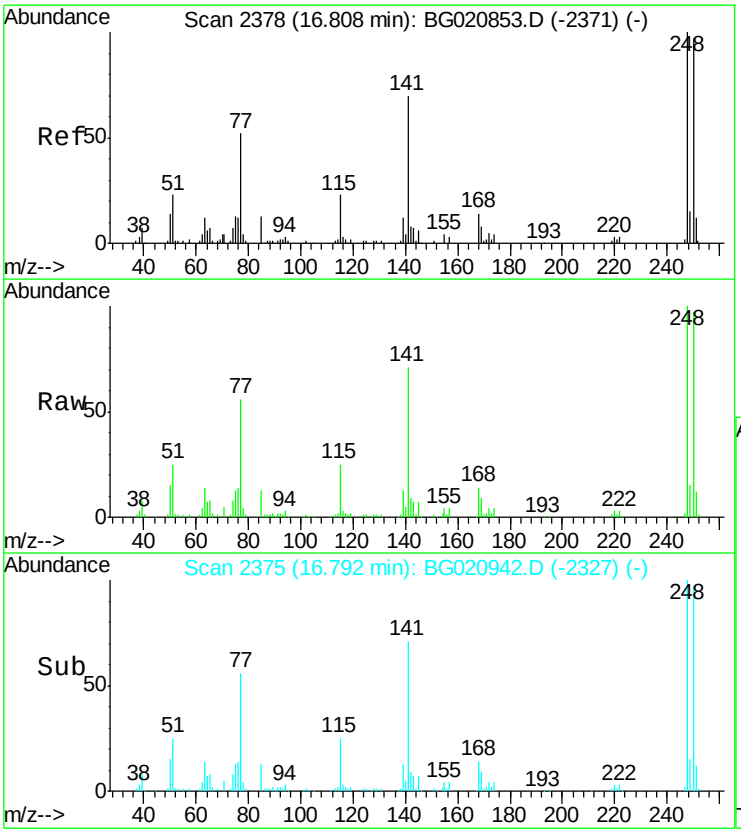
Tgt Ion:169 Resp: 182612

Ion	Ratio	Lower	Upper
169	100		
168	73.3	60.7	91.1
167	40.2	32.8	49.2

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

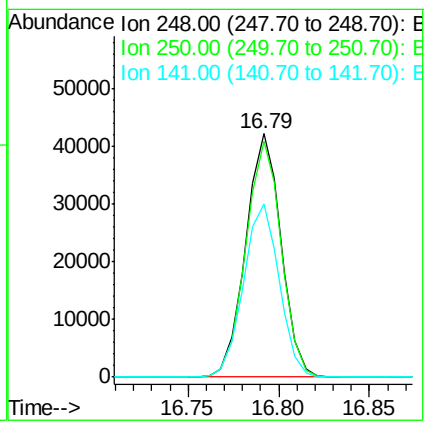


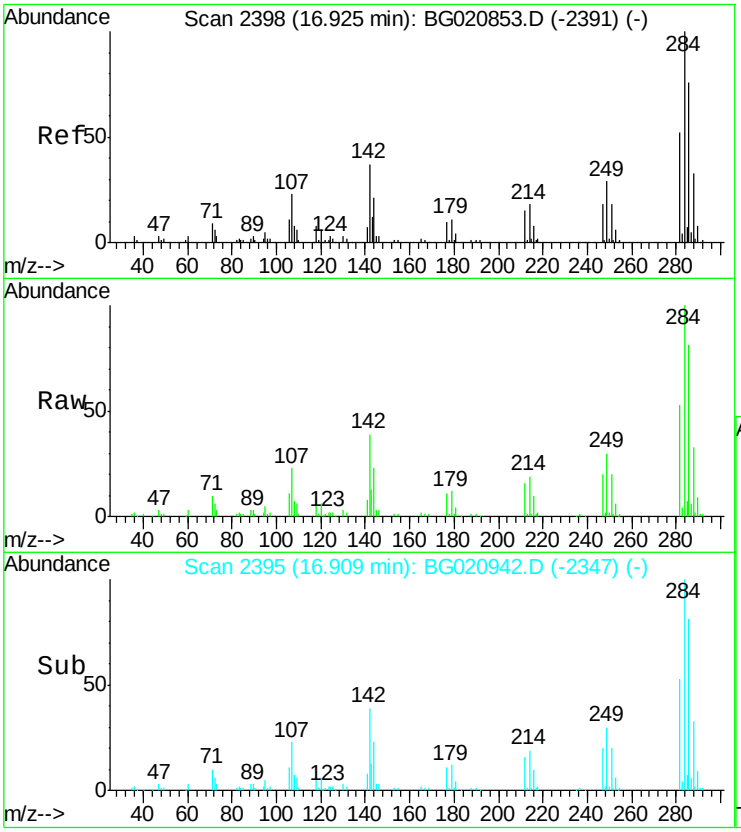


#66
4-Bromophenyl-phenylether
Concen: 42.51 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:248 Resp: 57403

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.2
141	71.2	55.7	83.5

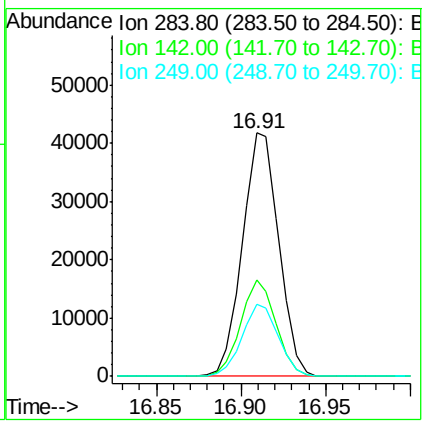




#67
Hexachlorobenzene
Concen: 43.44 ng
RT: 16.91 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

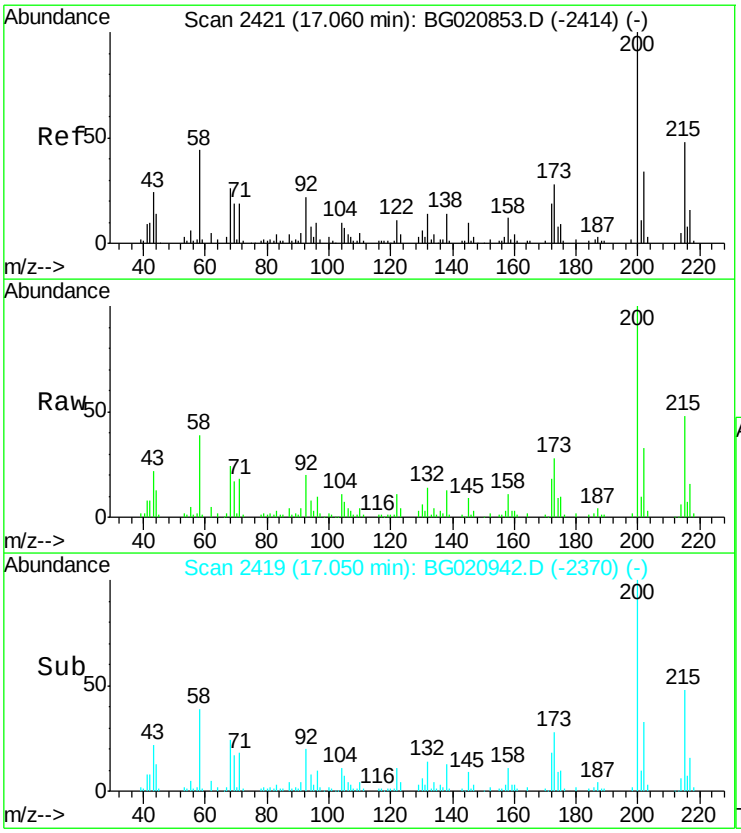
Tgt Ion:284 Resp: 62416

Ion	Ratio	Lower	Upper
284	100		
142	39.4	29.9	44.9
249	29.8	23.3	34.9



Instrument :
BNA_G
ClientSampleId :
PB88350BS

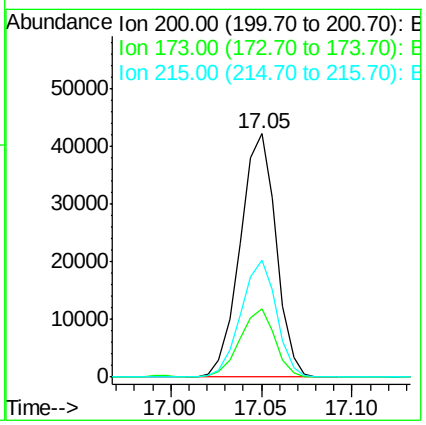
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

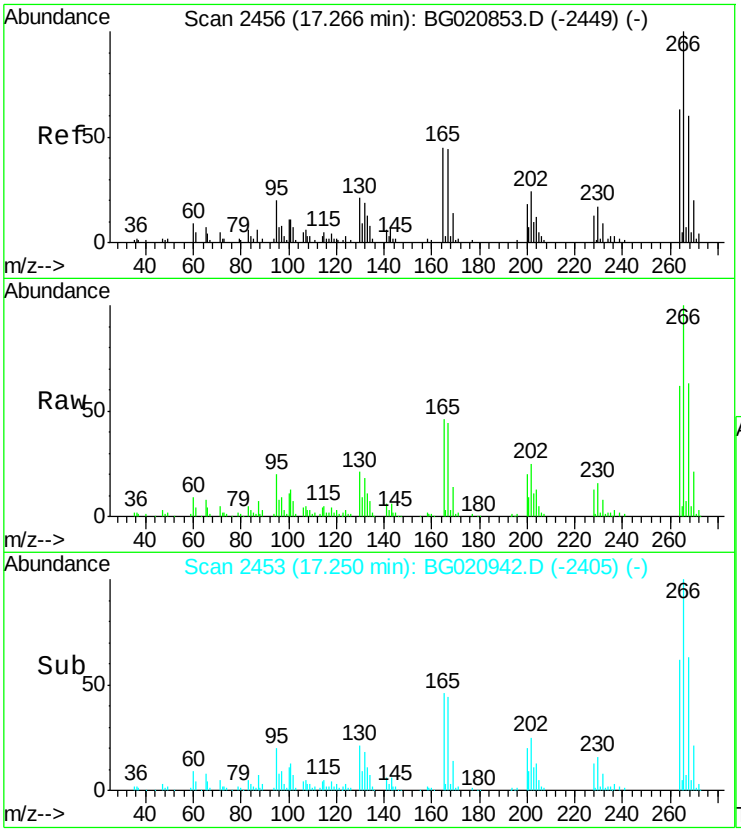


#68
Atrazine
Concen: 46.31 ng
RT: 17.05 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:200 Resp: 58050

Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.4	48.4
215	48.0	28.2	68.2

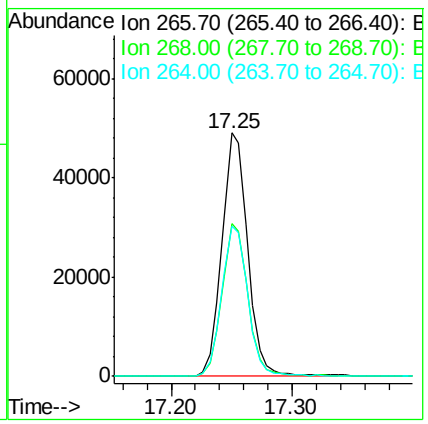




#69
Pentachlorophenol
Concen: 87.97 ng
RT: 17.25 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

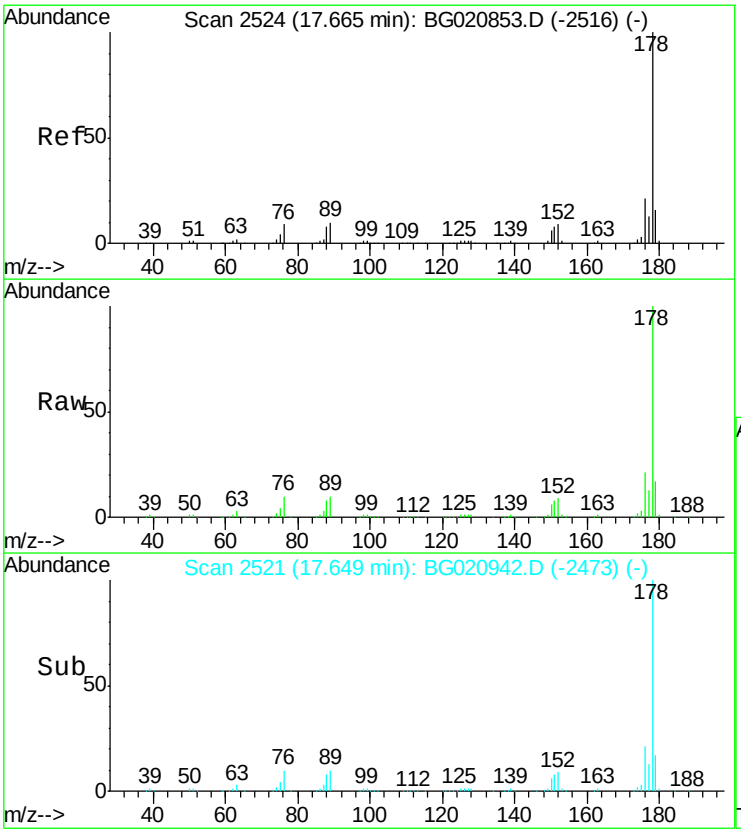
Tgt Ion:266 Resp: 72462

Ion	Ratio	Lower	Upper
266	100		
268	63.0	47.8	71.6
264	61.5	50.2	75.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

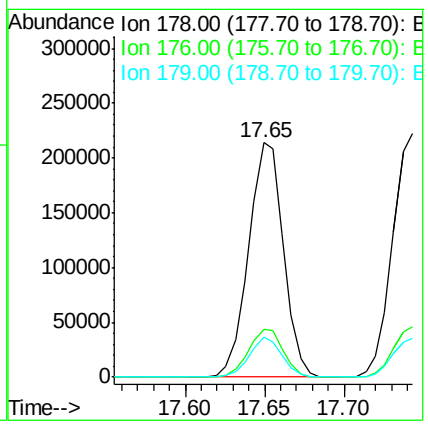
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

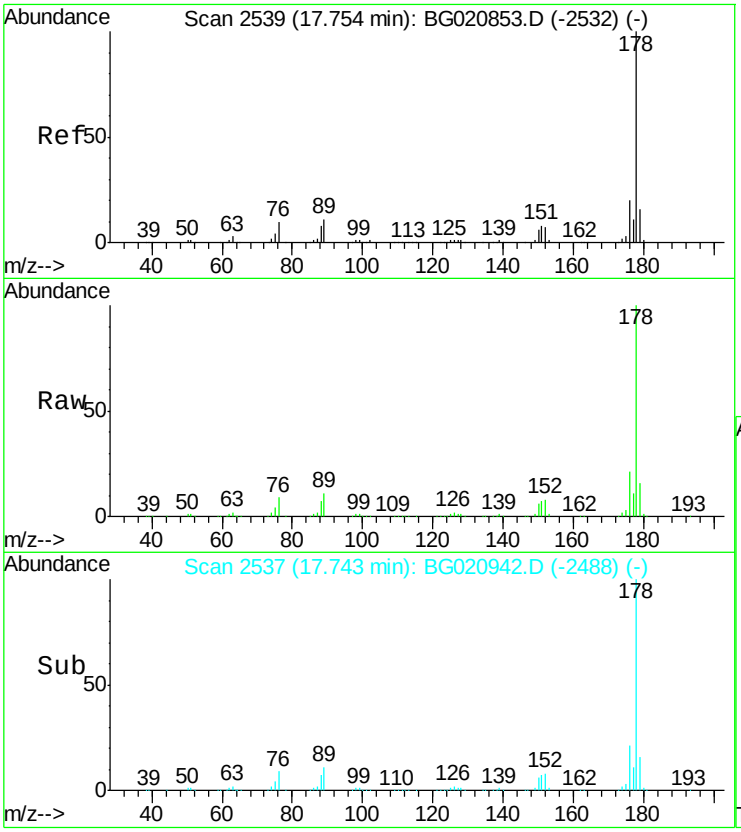


#70
Phenanthrene
Concen: 44.79 ng
RT: 17.65 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:178 Resp: 326023

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.8	25.2
179	17.0	12.6	19.0

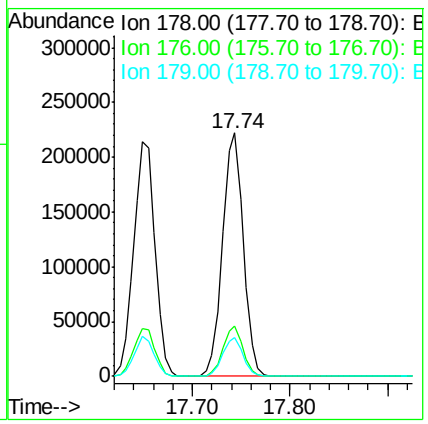




#71
Anthracene
Concen: 44.28 ng
RT: 17.74 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

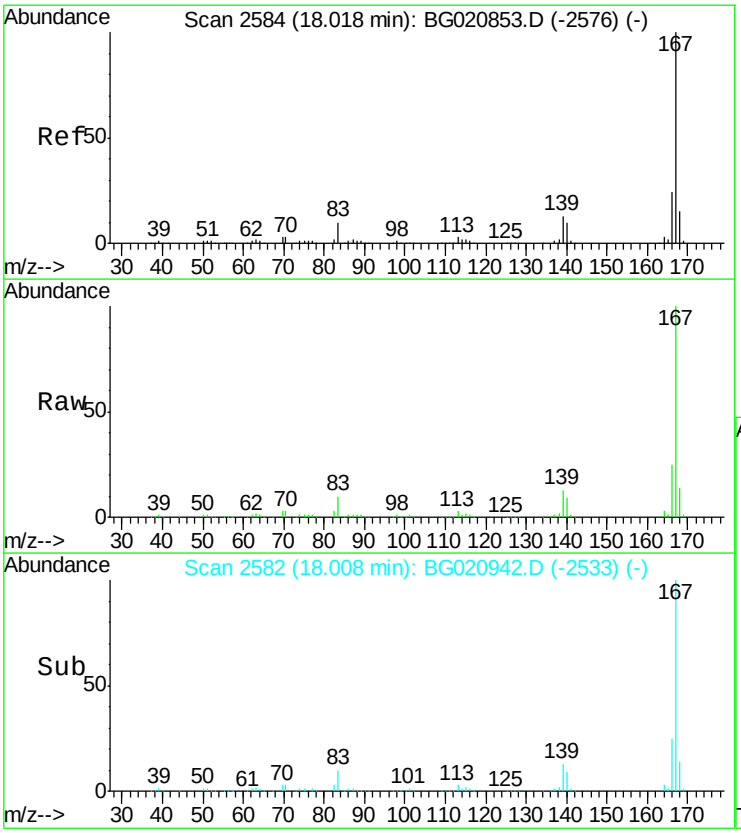
Tgt Ion:178 Resp: 327146

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.7	12.7	19.1



Instrument :
BNA_G
ClientSampleId :
PB88350BS

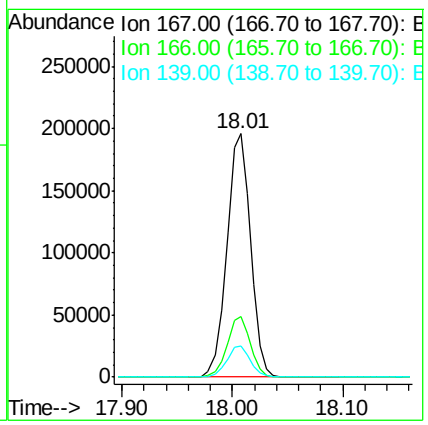
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

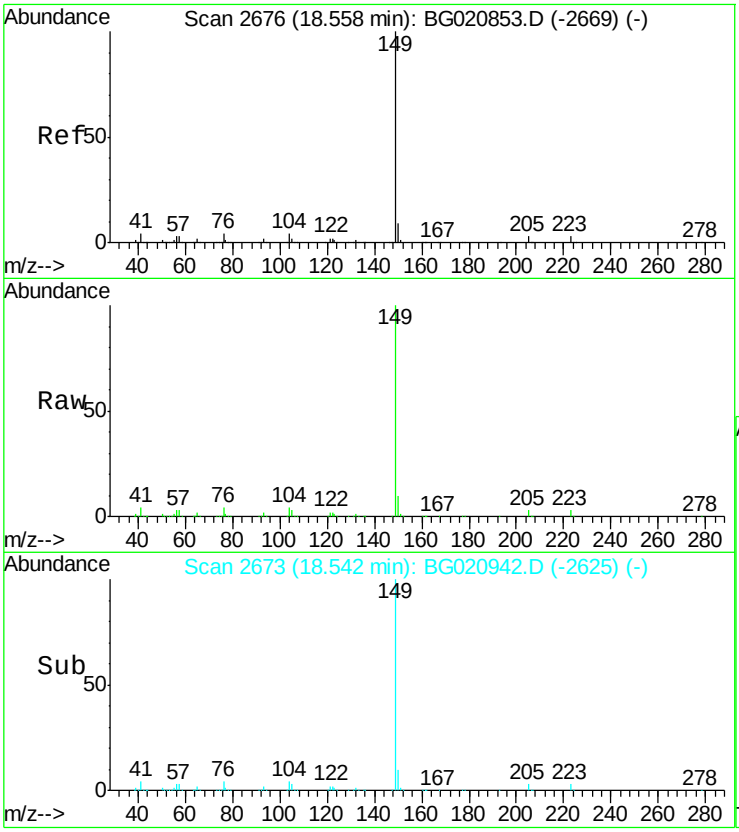


#72
Carbazole
Concen: 44.38 ng
RT: 18.01 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:167 Resp: 294241

Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.3	28.9
139	12.9	10.2	15.4

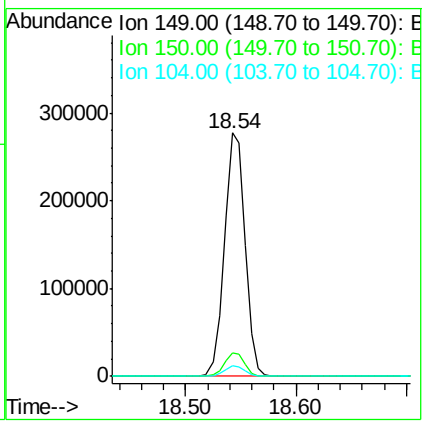




#73
Di-n-butylphthalate
Concen: 42.47 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

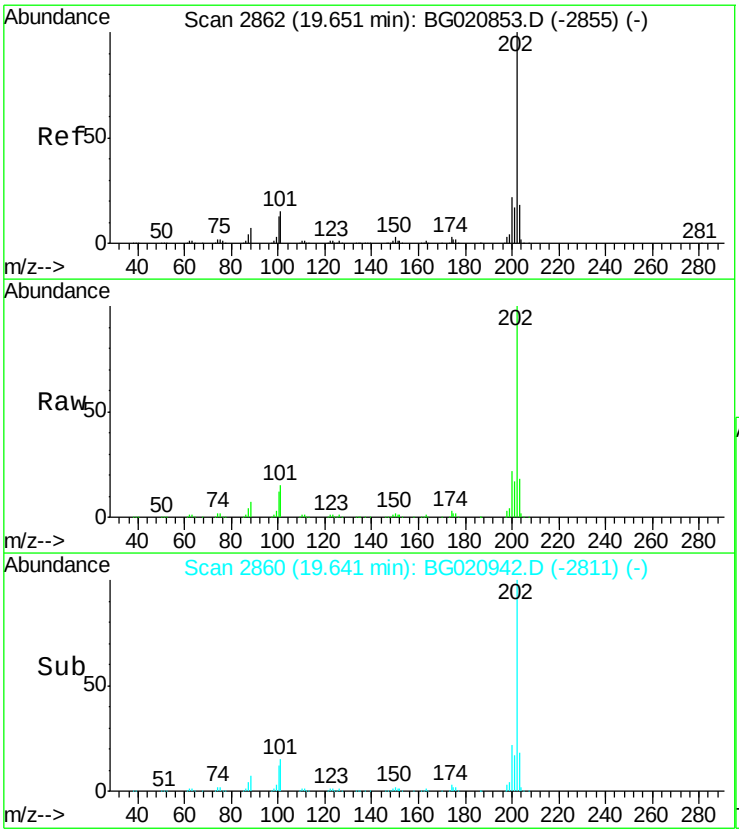
Tgt Ion:149 Resp: 361086

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.3	3.4	5.0



Instrument :
BNA_G
ClientSampleId :
PB88350BS

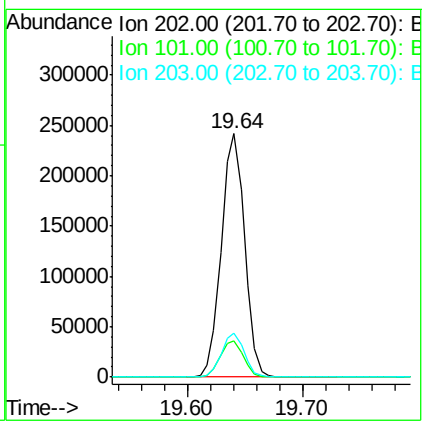
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

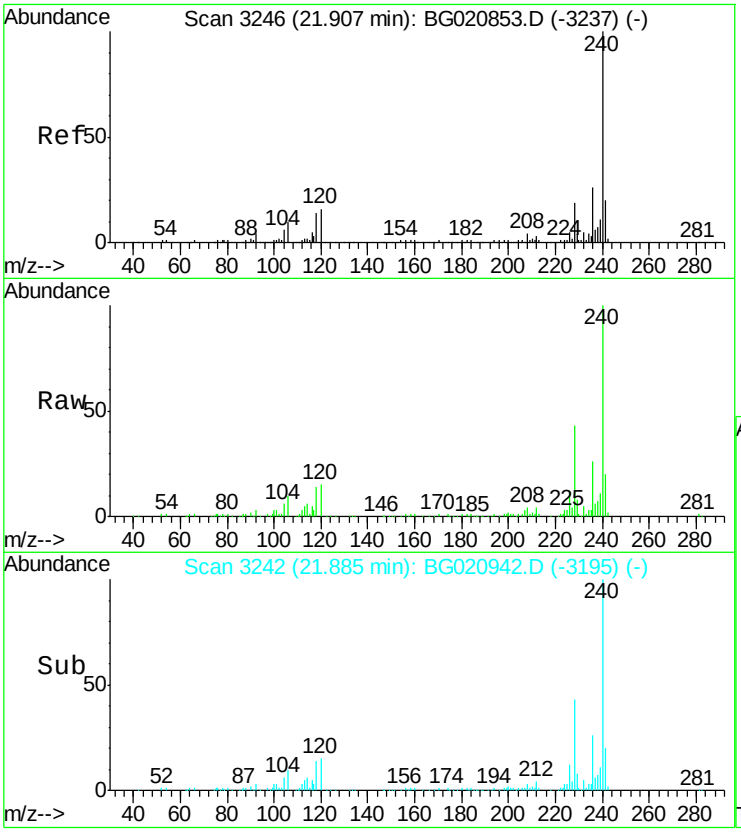


#74
Fluoranthene
Concen: 42.62 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:202 Resp: 335169

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	35.3
203	17.9	0.0	37.8

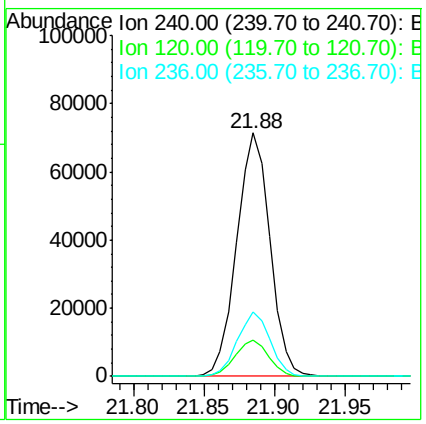




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

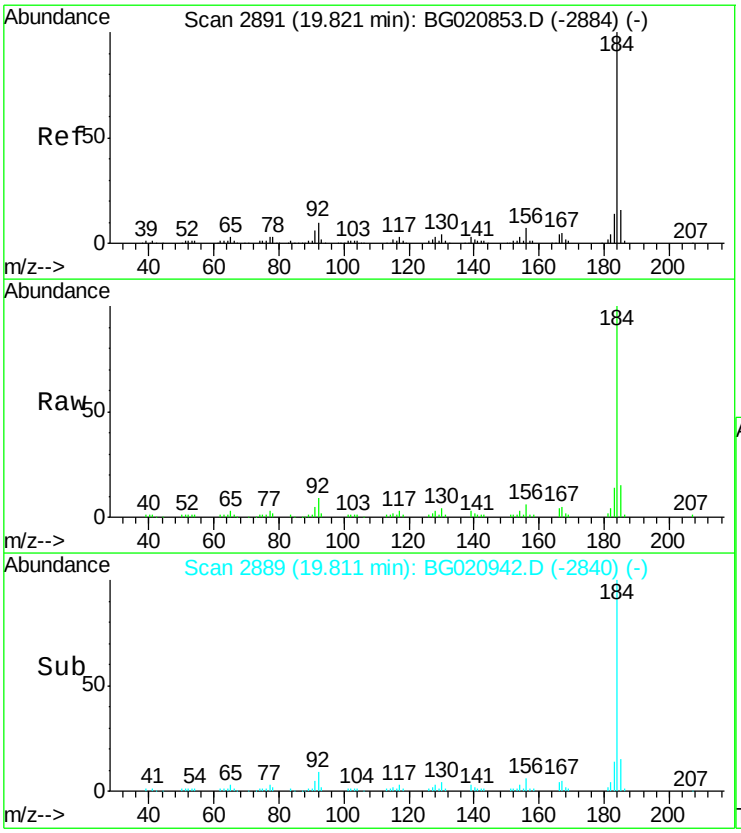
Tgt Ion:240 Resp: 117811

Ion	Ratio	Lower	Upper
240	100		
120	14.9	13.0	19.4
236	26.4	21.0	31.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

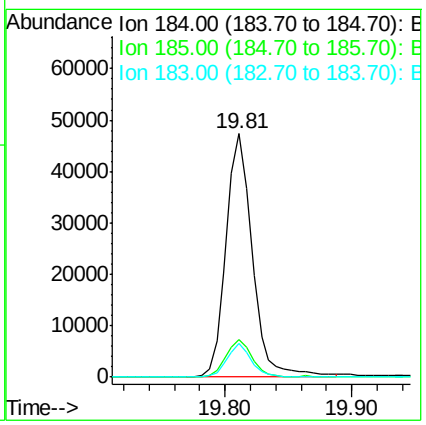
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

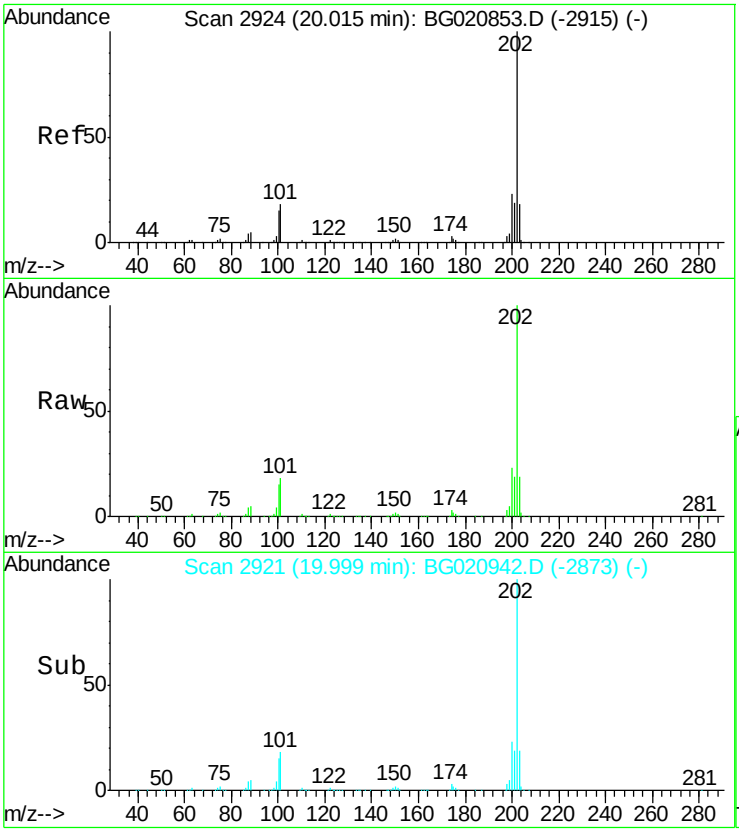


#76
Benzidine
Concen: 17.87 ng
RT: 19.81 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:184 Resp: 68079

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	19.0
183	14.0	11.0	16.4

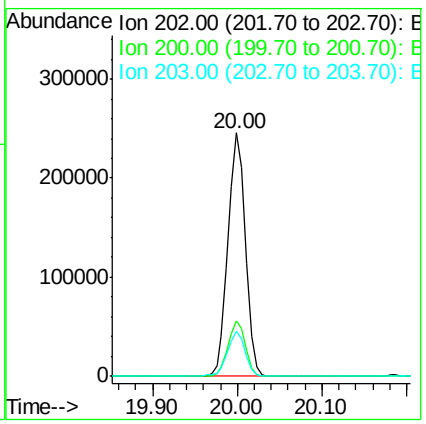




#77
Pyrene
Concen: 44.61 ng
RT: 20.00 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

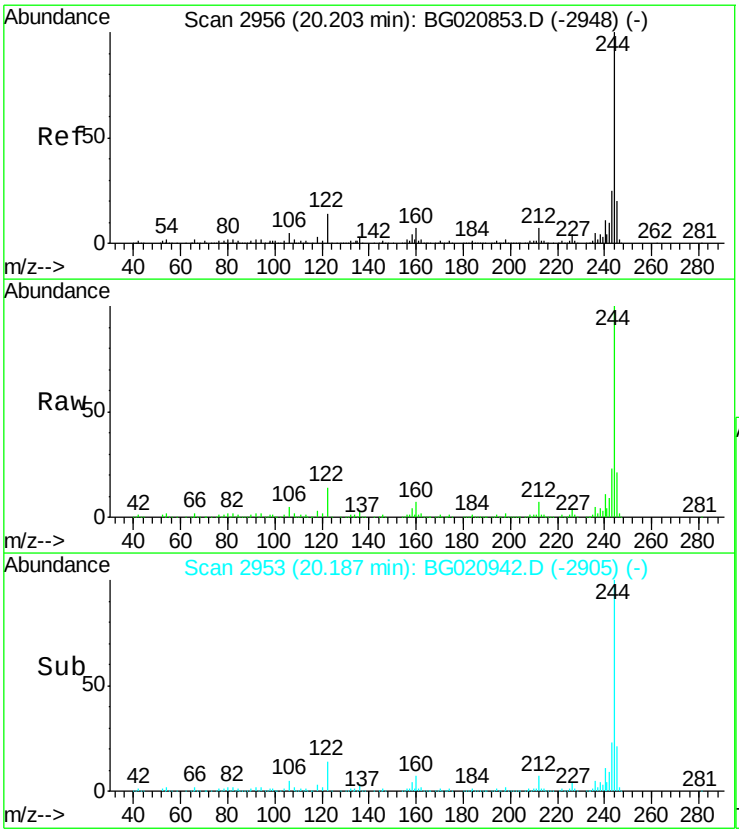
Tgt Ion:202 Resp: 346659

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.5	27.7
203	18.7	14.3	21.5



Instrument :
BNA_G
ClientSampleId :
PB88350BS

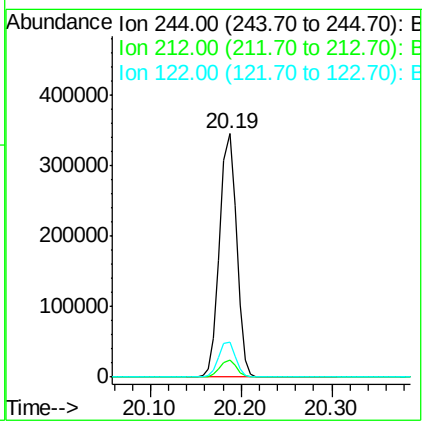
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

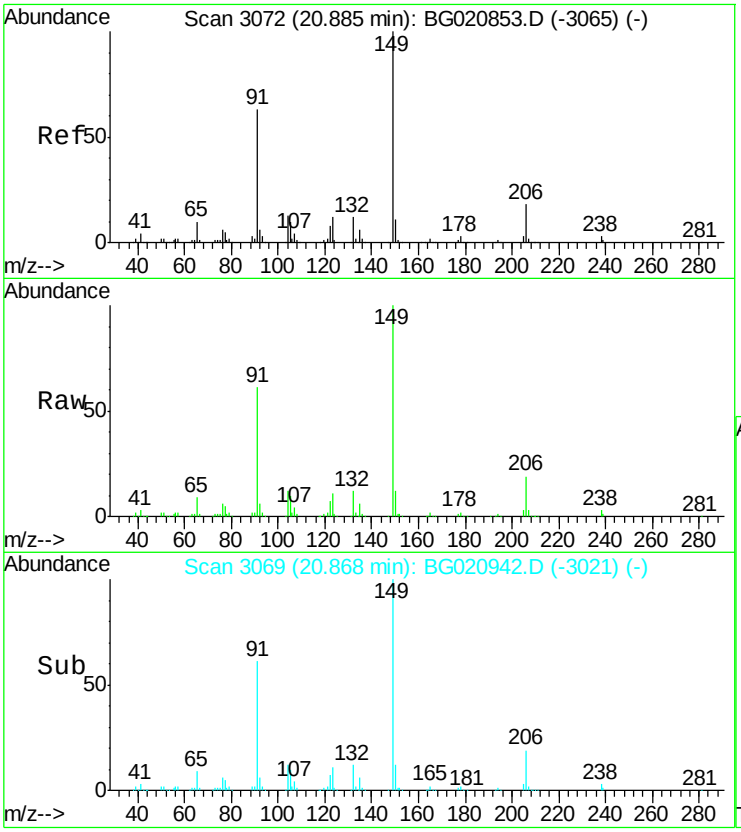


#78
Terphenyl-d14
Concen: 88.72 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:244 Resp: 448021

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	14.2	11.4	17.2

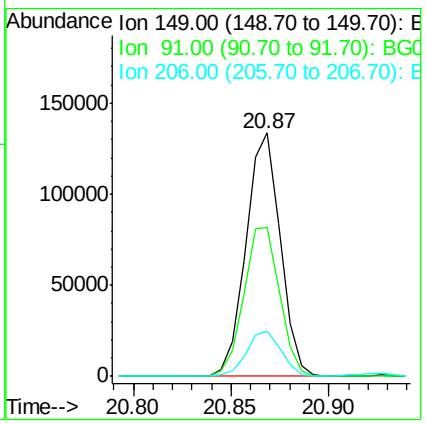




#79
Butylbenzylphthalate
Concen: 43.58 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

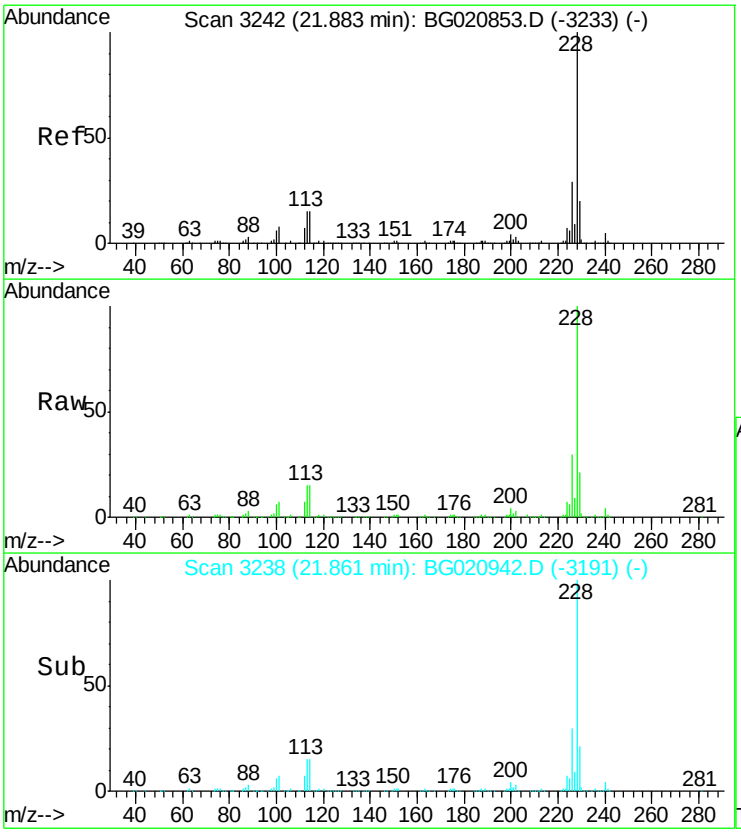
Tgt Ion:149 Resp: 162151

Ion	Ratio	Lower	Upper
149	100		
91	61.0	50.6	76.0
206	18.7	14.6	22.0



Instrument :
BNA_G
ClientSampleId :
PB88350BS

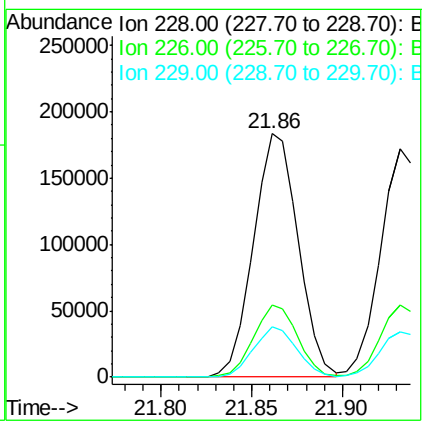
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

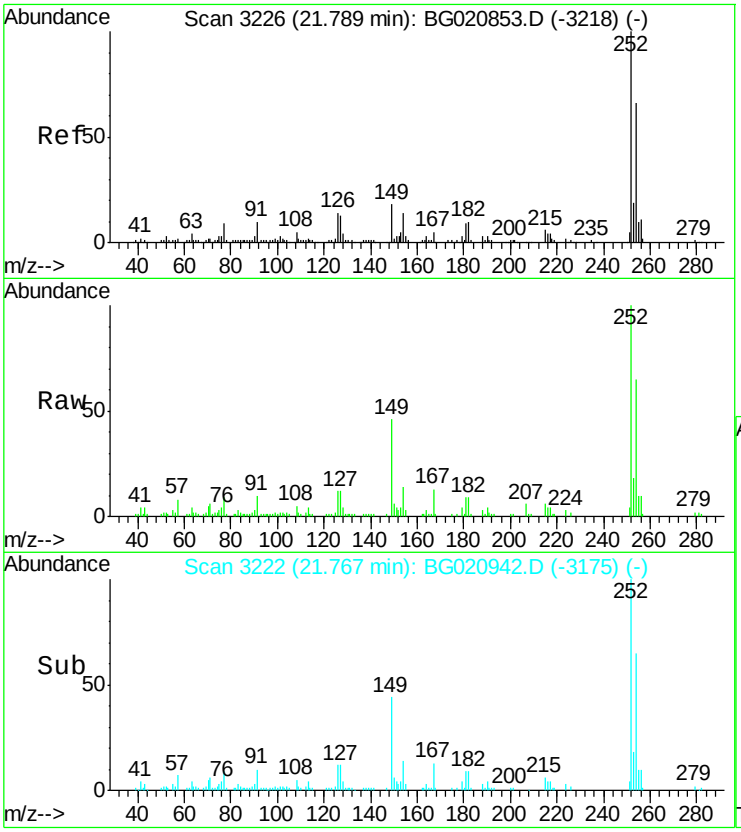


#80
Benzo(a)anthracene
Concen: 45.04 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:228 Resp: 316765

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	20.7	16.2	24.2

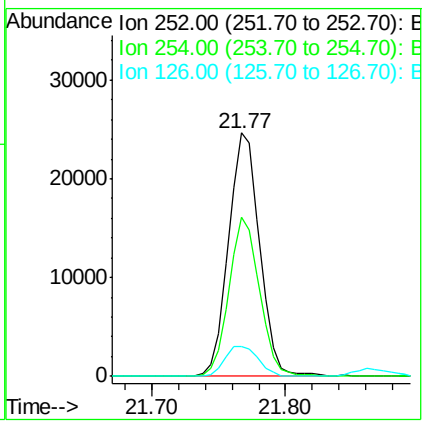




#81
3,3'-Dichlorobenzidine
Concen: 15.32 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

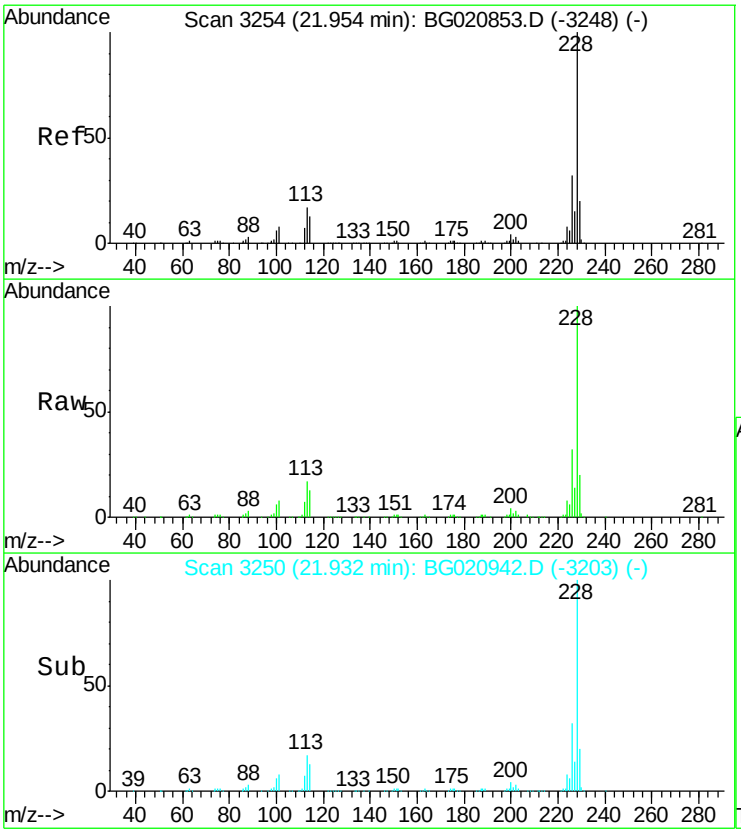
Tgt Ion:252 Resp: 40003

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.8	79.2
126	12.4	11.1	16.7



Instrument :
BNA_G
ClientSampleId :
PB88350BS

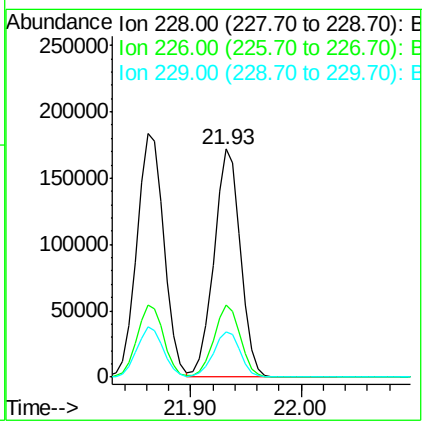
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

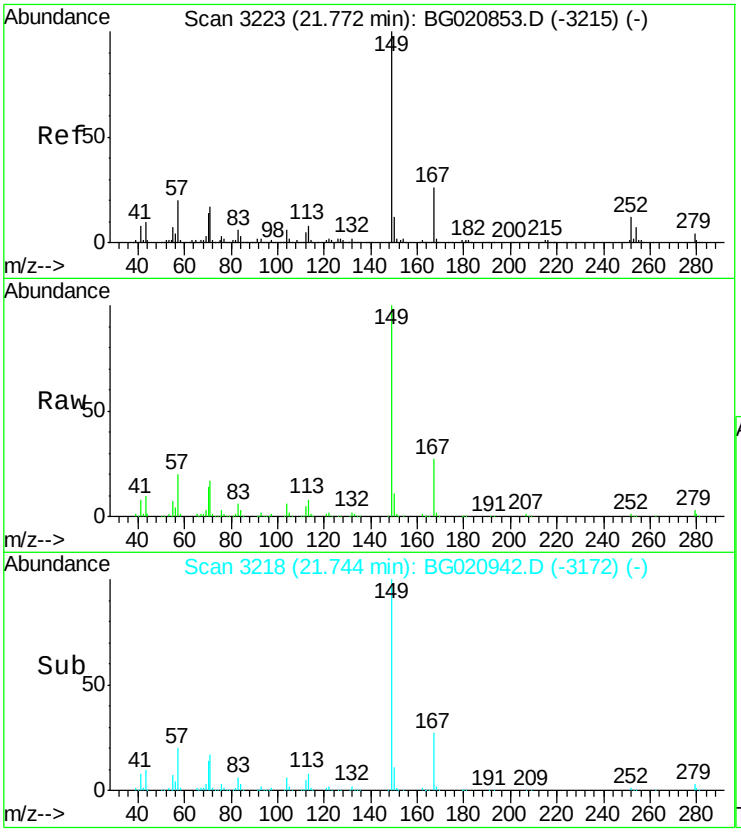


#82
Chrysene
Concen: 43.08 ng
RT: 21.93 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:228 Resp: 284942

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.3	37.9
229	19.6	16.2	24.2

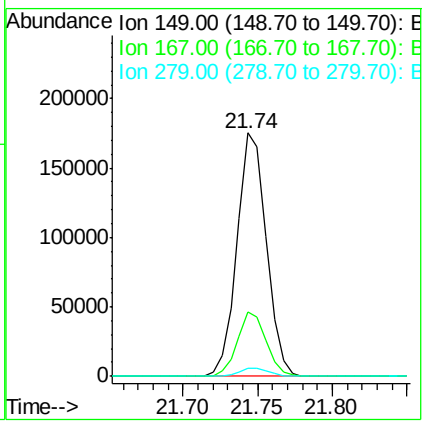




#83
Bis(2-ethylhexyl)phthalate
Concen: 43.34 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.03 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

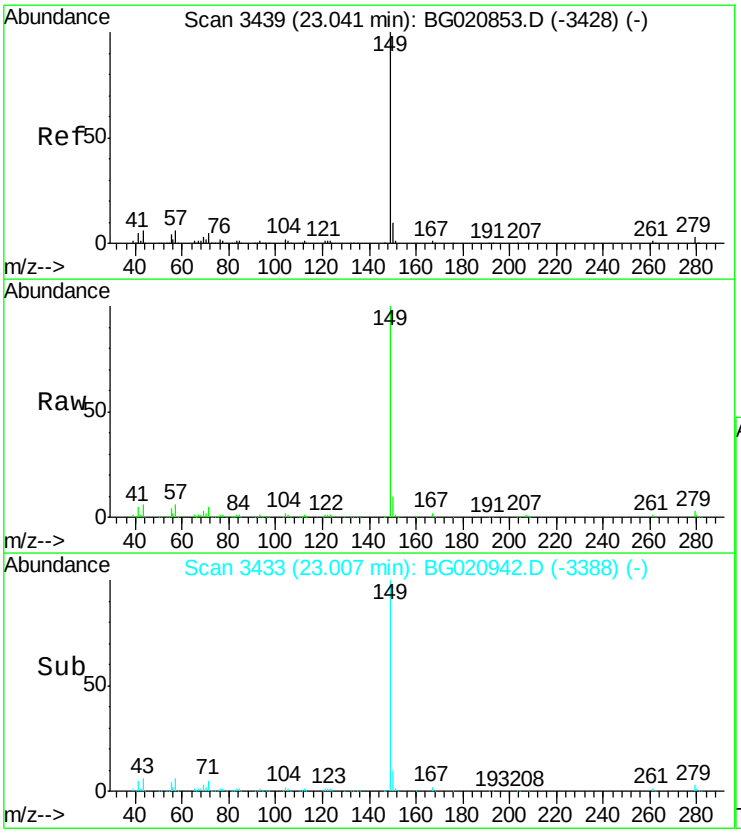
Tgt Ion:149 Resp: 239084

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.9	31.3
279	3.2	3.0	4.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

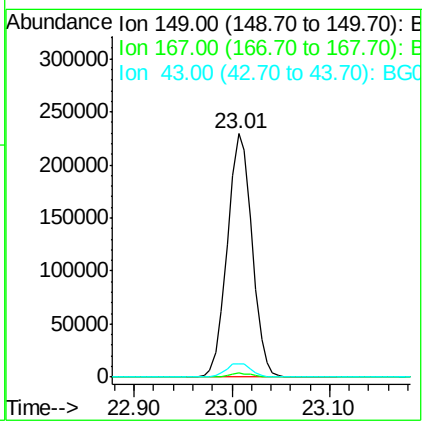
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

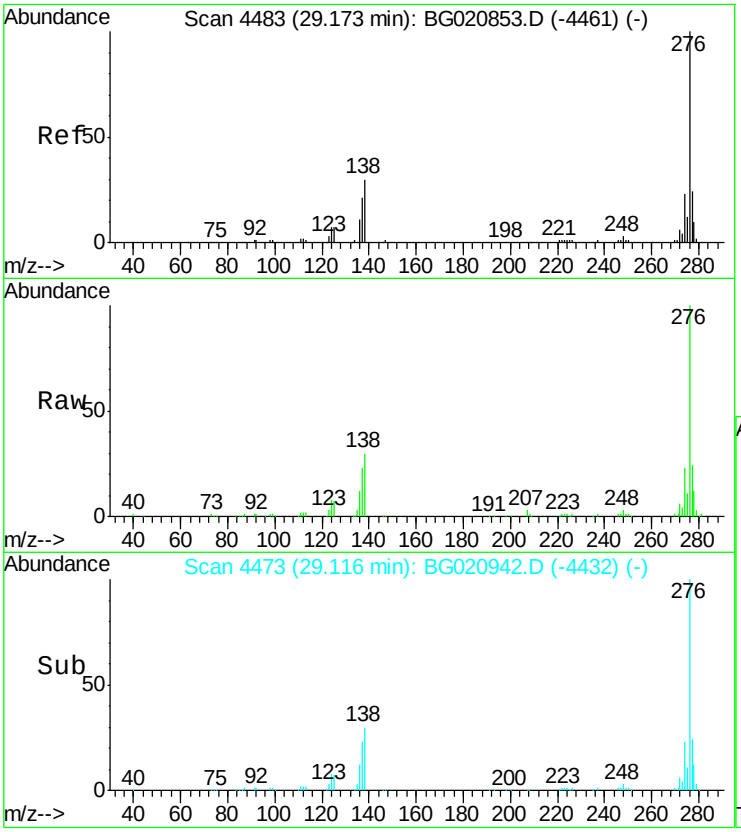


#84
Di-n-octyl phthalate
Concen: 44.43 ng
RT: 23.01 min Scan# 3433
Delta R.T. -0.03 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:149 Resp: 402264

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.0	5.1	7.7





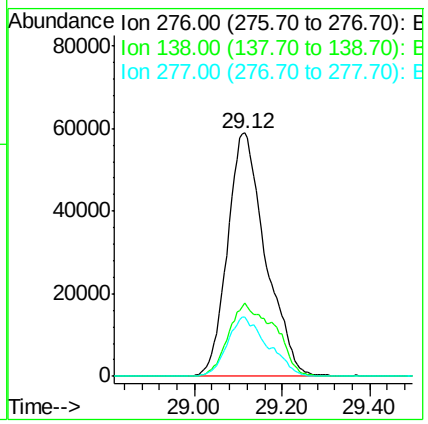
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.82 ng
RT: 29.12 min Scan# 4473
Delta R.T. -0.06 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

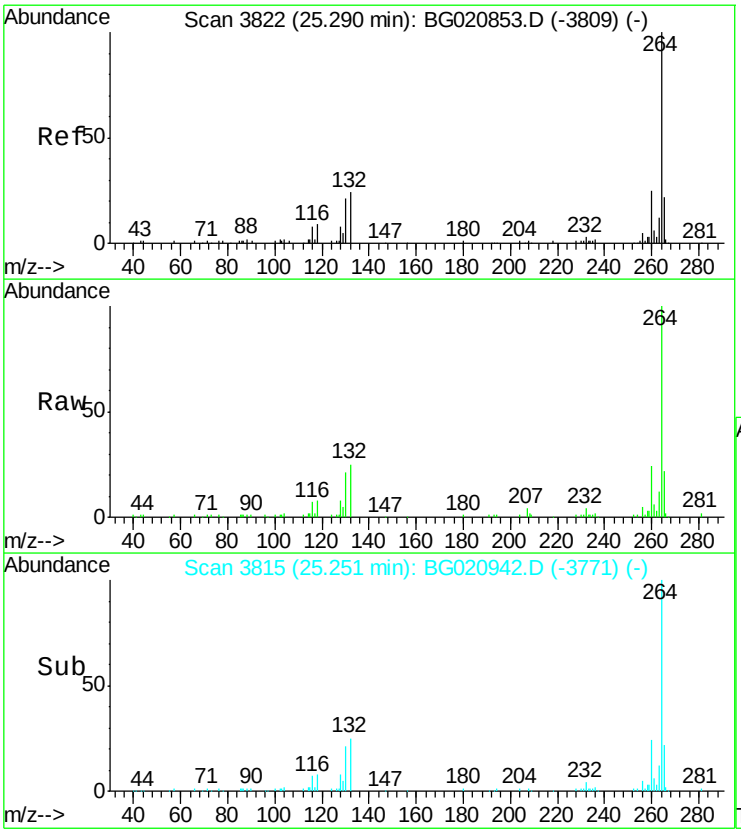
Tgt Ion:276 Resp: 348527

Ion	Ratio	Lower	Upper
276	100		
138	36.6	20.1	30.1#
277	25.9	20.5	30.7

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

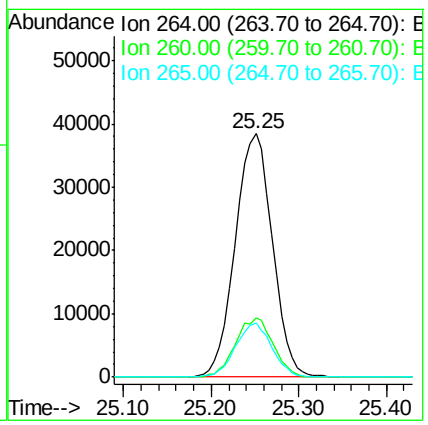


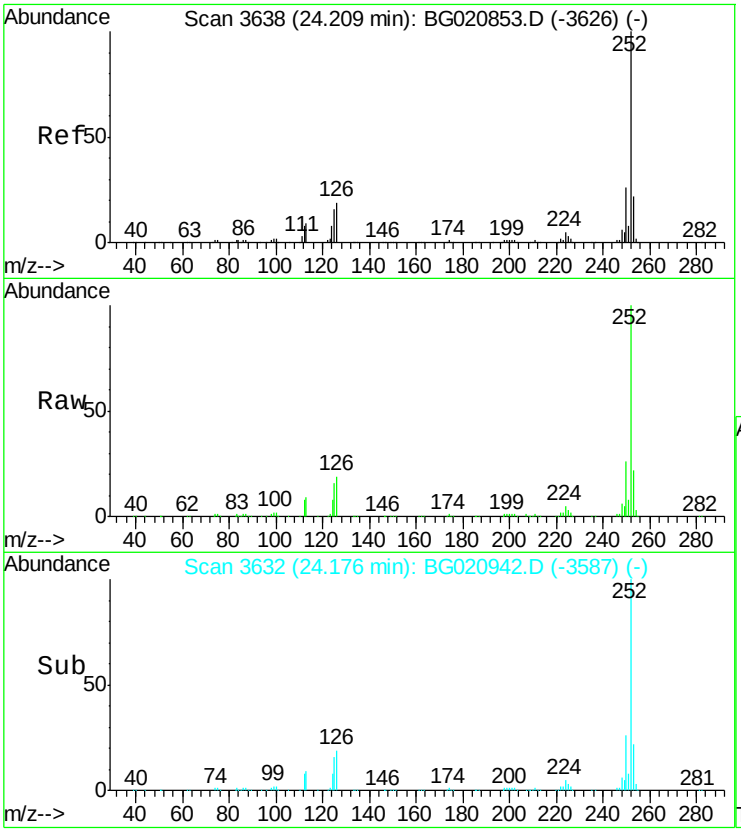


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:264 Resp: 110719

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	22.5	18.0	27.0

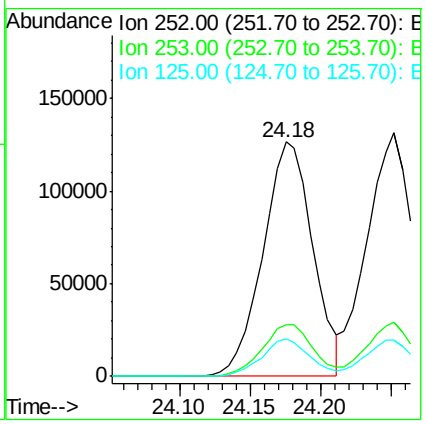




#87
Benzo(b)fluoranthene
Concen: 45.94 ng
RT: 24.18 min Scan# 3632
Delta R.T. -0.03 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

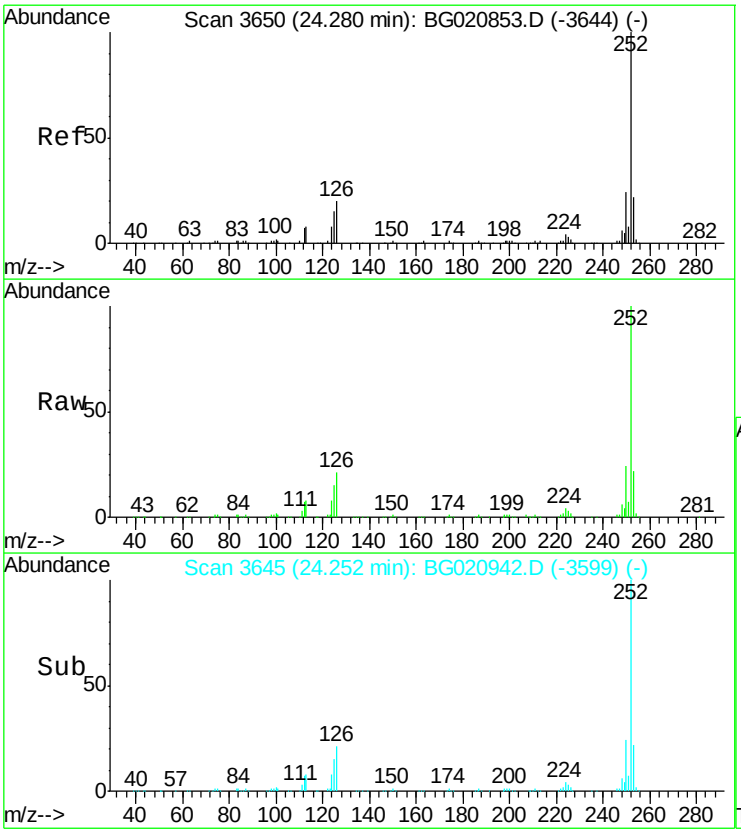
Tgt Ion:252 Resp: 311292

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.8	12.5	18.7



Instrument :
BNA_G
ClientSampleId :
PB88350BS

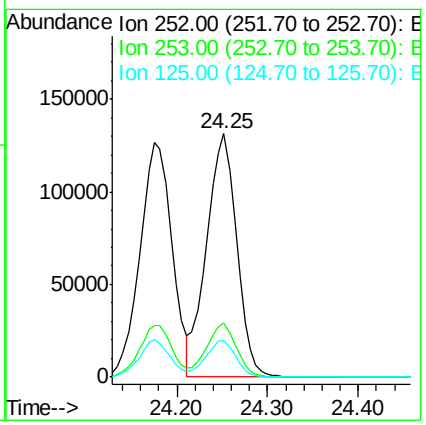
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

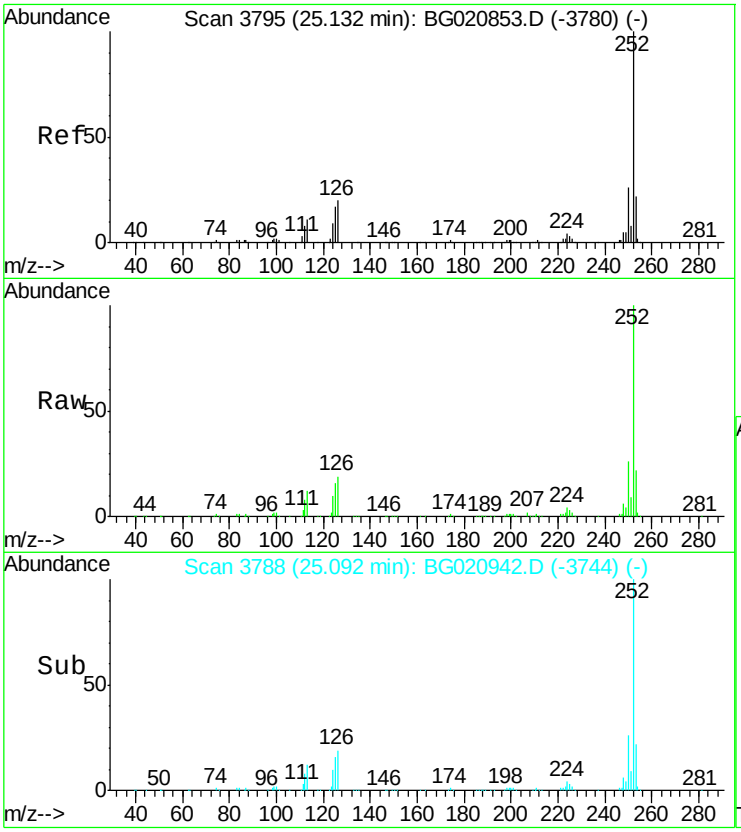


#88
Benzo(k)fluoranthene
Concen: 45.80 ng
RT: 24.25 min Scan# 3645
Delta R.T. -0.03 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:252 Resp: 304056

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	14.9	12.2	18.4

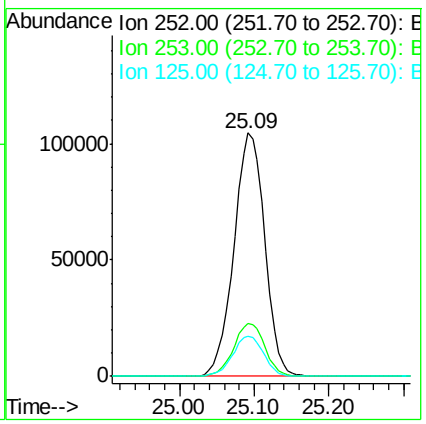




#89
Benzo(a)pyrene
Concen: 46.40 ng
RT: 25.09 min Scan# 3788
Delta R.T. -0.04 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

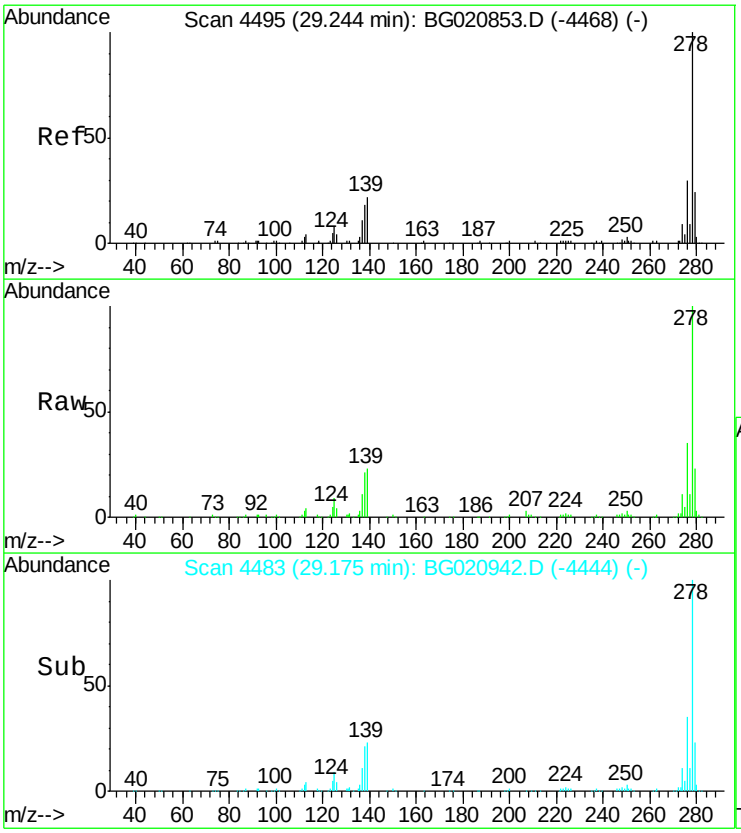
Tgt Ion:252 Resp: 299596

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	16.5	13.6	20.4



Instrument :
BNA_G
ClientSampleId :
PB88350BS

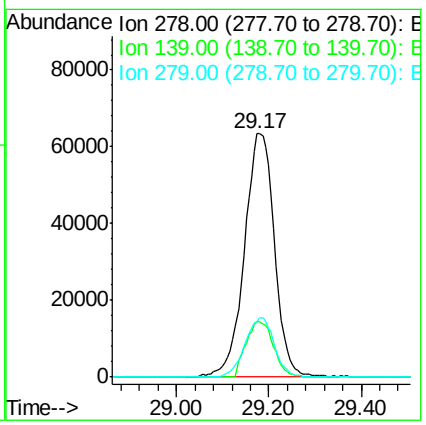
Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

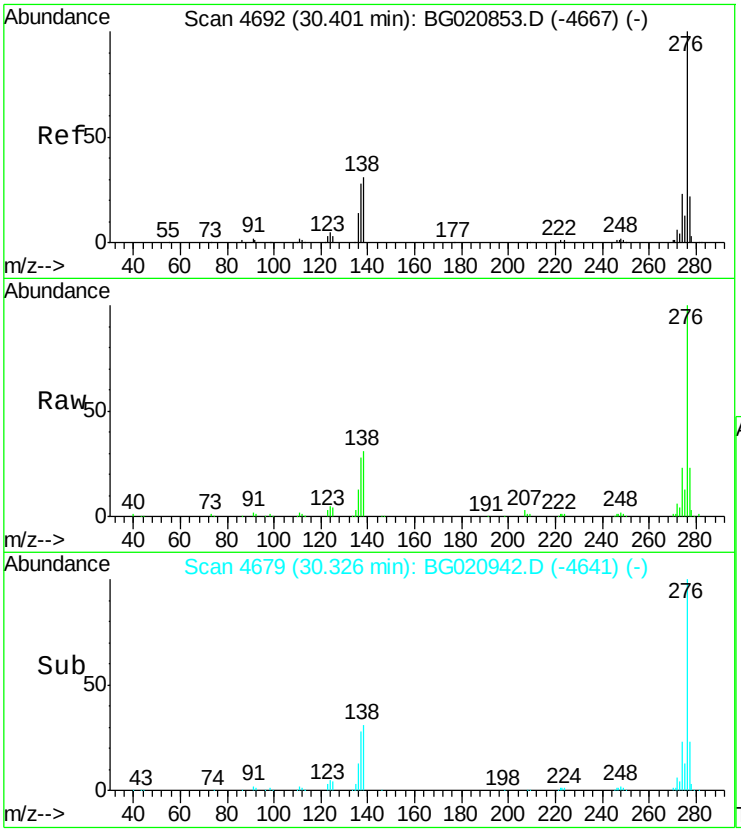


#90
Dibenzo(a,h)anthracene
Concen: 45.81 ng
RT: 29.17 min Scan# 4483
Delta R.T. -0.07 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:278 Resp: 287590

Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.3	25.9
279	22.9	19.1	28.7

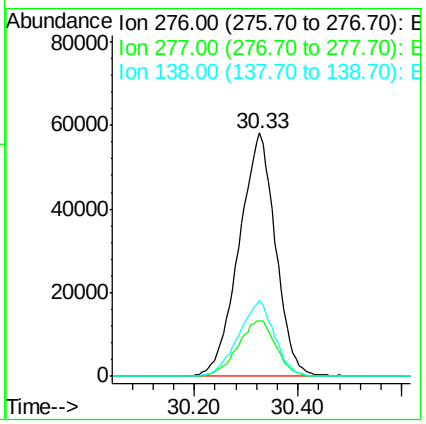




#91
Benzo(g,h,i)perylene
Concen: 45.69 ng
RT: 30.33 min Scan# 4679
Delta R.T. -0.07 min
Lab File: BG020942.D
Acq: 18 Feb 2016 19:12

Tgt Ion:276 Resp: 284715

Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.6	26.4
138	31.2	25.2	37.8



Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM