Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043218.D
Acq On : 15 Oct 2019 14:42
Operator : JU
Sample : K5348-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

Quant Time: Oct 16 01:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50138	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	191957	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	137356	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	329008	20.00	ng	0.00
76) Chrysene-d12	21.70	240	358419	20.00	ng	0.00
87) Perylene-d12	24.92	264	422398	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	203334	72.38	ng	0.00
7) Phenol-d6	7.22	99	416404	102.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	264755	67.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	150099	63.55	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	644340	68.01	ng	0.00
79) Terphenyl-d14	20.03	244	1184231	70.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	38480	32.851	ng	# 89
3) Pyridine	3.92	79	91972	27.917	ng	85
4) n-Nitrosodimethylamine	3.83	42	57387	36.222	ng	# 84
6) Aniline	7.38	93	99987	20.473	ng	93
8) 2-Chlorophenol	7.62	128	135761	46.337	ng	95
9) Benzaldehyde	7.19	77	78149	31.611	ng	89
10) Phenol	7.25	94	205766	55.435	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	109376	38.084	ng	91
12) 1,3-Dichlorobenzene	7.94	146	145904	39.037	ng	98
13) 1,4-Dichlorobenzene	8.09	146	151490	40.658	ng	98
14) 1,2-Dichlorobenzene	8.41	146	144179	40.645	ng	94
15) Benzyl Alcohol	8.29	79	121311	39.882	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	161316	29.248	ng	97
17) 2-Methylphenol	8.50	107	114443	44.063	ng	96
18) Hexachloroethane	9.13	117	53857	38.381	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	100137	37.694	ng	91
20) 3+4-Methylphenols	8.82	107	155668	43.736	ng	97
22) Acetophenone	8.87	105	196011	39.614	ng	# 92
24) Nitrobenzene	9.26	77	157217	41.735	ng	98
25) Isophorone	9.77	82	287594	41.457	ng	96
26) 2-Nitrophenol	9.97	139	78996	49.261	ng	93
27) 2,4-Dimethylphenol	10.03	122	126224	51.254	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	156490	39.760	ng	95
29) 2,4-Dichlorophenol	10.51	162	143473	46.843	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	166090	41.992	ng	95
31) Naphthalene	10.91	128	412811	43.687	ng	99
32) Benzoic acid	10.18	122	58204	32.806	ng	100
33) 4-Chloroaniline	11.03	127	46832	11.422	ng	94
34) Hexachlorobutadiene	11.19	225	117332	39.618	ng	94
35) Caprolactam	11.78	113	46621m	43.163	ng	
36) 4-Chloro-3-methylphenol	12.14	107	154209	46.306	ng	94
37) 2-Methylnaphthalene	12.51	142	320063	44.400	ng	95
38) 1-Methylnaphthalene	12.72	142	306356	44.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	210929	40.842	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043218.D
Acq On : 15 Oct 2019 14:42
Operator : JU
Sample : K5348-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

Quant Time: Oct 16 01:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	240792	73.176	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	136096	45.023	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	150955	48.477	ng		97
46) 1,1'-Biphenyl	13.51	154	440680	42.307	ng		98
47) 2-Chloronaphthalene	13.55	162	345564	44.249	ng		99
48) 2-Nitroaniline	13.76	65	103536	39.867	ng		87
49) Acenaphthylene	14.40	152	560928	46.940	ng		98
50) Dimethylphthalate	14.13	163	554724	53.901	ng		99
51) 2,6-Dinitrotoluene	14.25	165	103054	47.021	ng		93
52) Acenaphthene	14.74	154	333644	41.713	ng		100
53) 3-Nitroaniline	14.59	138	46555	20.554	ng		94
54) 2,4-Dinitrophenol	14.79	184	116858	85.780	ng		98
55) Dibenzofuran	15.07	168	542126	45.818	ng		98
56) 4-Nitrophenol	14.90	139	163684	94.847	ng		91
57) 2,4-Dinitrotoluene	15.04	165	148585	46.296	ng	#	91
58) Fluorene	15.73	166	457239	45.263	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	150945	45.526	ng		98
60) Diethylphthalate	15.49	149	454360	43.381	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	262866	43.388	ng		98
62) 4-Nitroaniline	15.75	138	98191	39.750	ng		99
63) Azobenzene	16.01	77	400830	42.035	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91989	49.410	ng		91
66) n-Nitrosodiphenylamine	15.93	169	406898	46.849	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	187044	45.296	ng		98
68) Hexachlorobenzene	16.73	284	212107	46.132	ng		98
69) Atrazine	16.87	200	156638	42.828	ng		97
70) Pentachlorophenol	17.08	266	252701	95.250	ng		100
71) Phenanthrene	17.47	178	738392	45.971	ng		98
72) Anthracene	17.56	178	766498	47.801	ng		100
73) Carbazole	17.82	167	683958	45.996	ng		99
74) Di-n-butylphthalate	18.38	149	801343	45.168	ng		98
75) Fluoranthene	19.48	202	976222	45.950	ng		98
77) Benzidine	19.66	184	330950	36.877	ng		99
78) Pyrene	19.83	202	984647	46.027	ng		100
80) Butylbenzylphthalate	20.71	149	375906	46.293	ng		98
81) Benzo(a)anthracene	21.68	228	1012128	45.320	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	269064	30.718	ng		98
83) Chrysene	21.74	228	993623	45.848	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	541238	46.843	ng		98
85) Di-n-octyl phthalate	22.79	149	921916	48.794	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1332067	49.372	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1112990	46.568	ng		100
89) Benzo(k)fluoranthene	23.96	252	1059222	44.799	ng		100
90) Benzo(a)pyrene	24.77	252	1088060	48.253	ng		100
91) Dibenzo(a,h)anthracene	28.66	278	1119710	48.426	ng		99
92) Benzo(g,h,i)perylene	29.75	276	1096704	48.952	ng		96

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

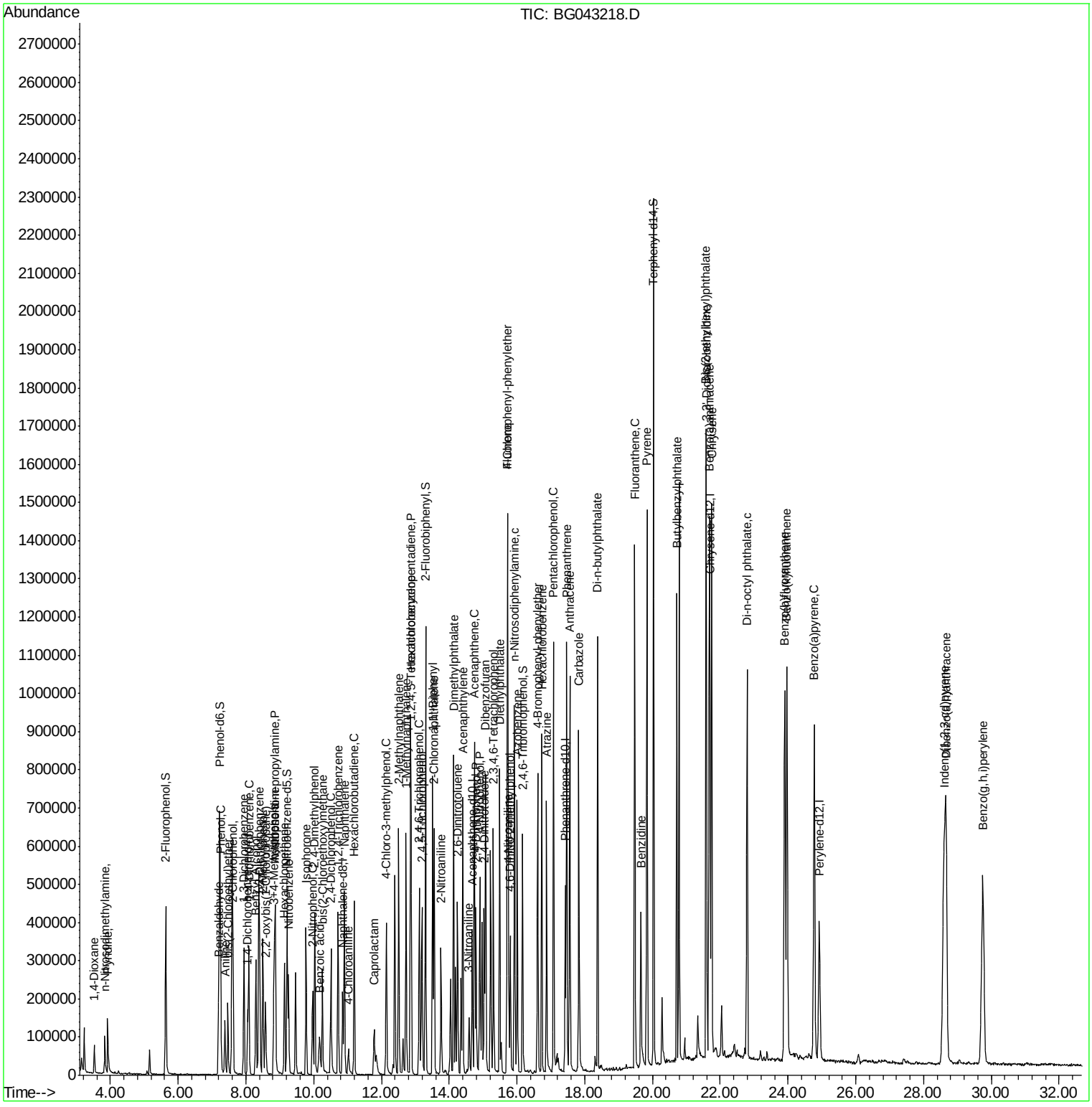
Quantitation Report (QT Reviewed)

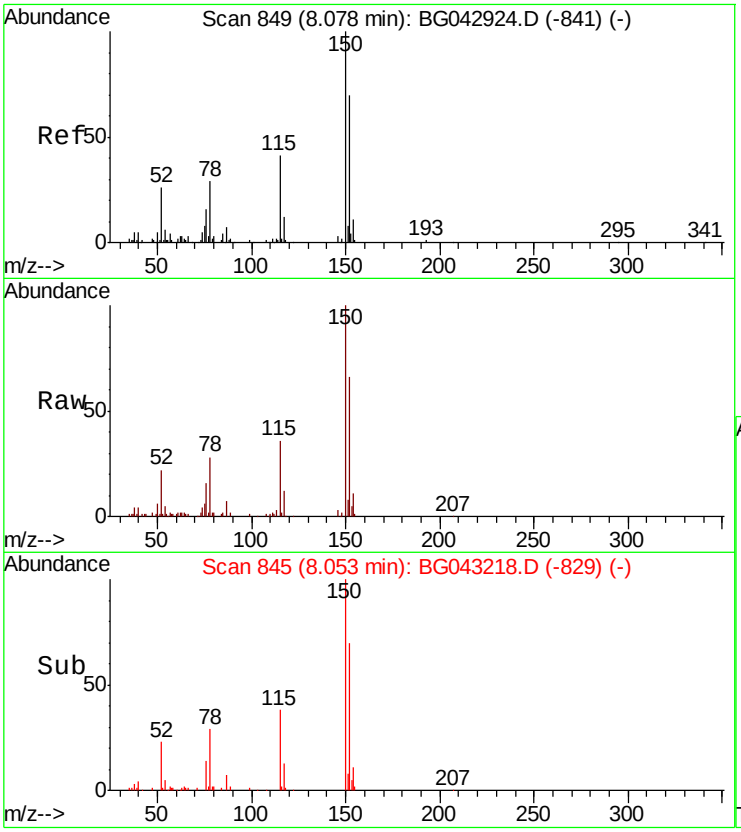
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043218.D
Acq On : 15 Oct 2019 14:42
Operator : JU
Sample : K5348-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 16 01:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

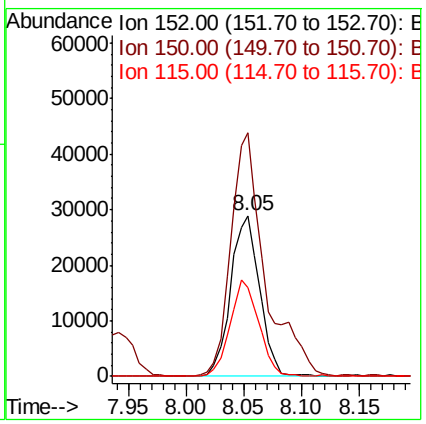




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

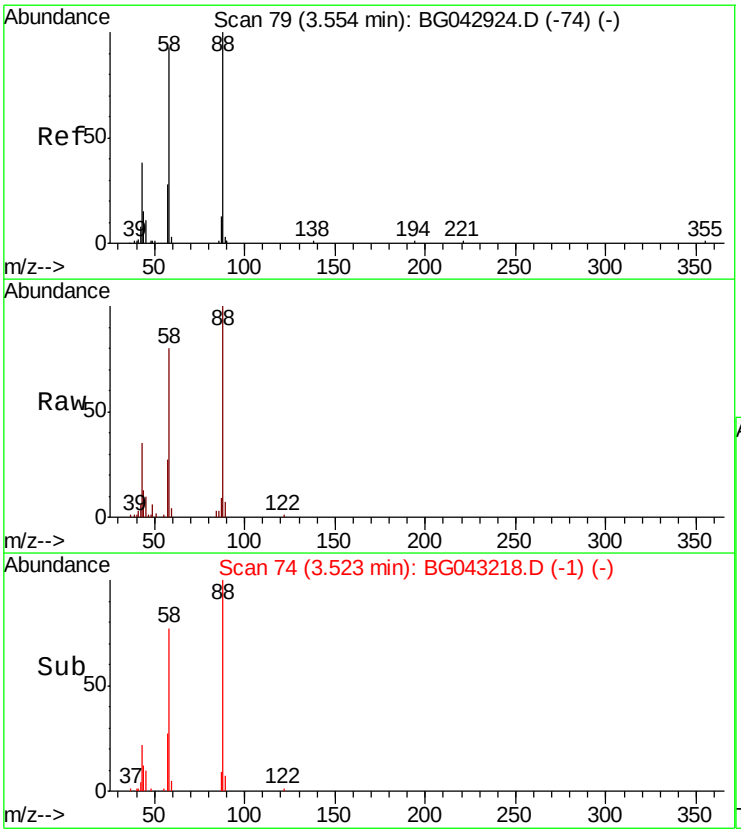
Tgt Ion:152 Resp: 50138

Ion	Ratio	Lower	Upper
152	100		
150	151.6	115.0	172.4
115	54.9	47.0	70.6



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

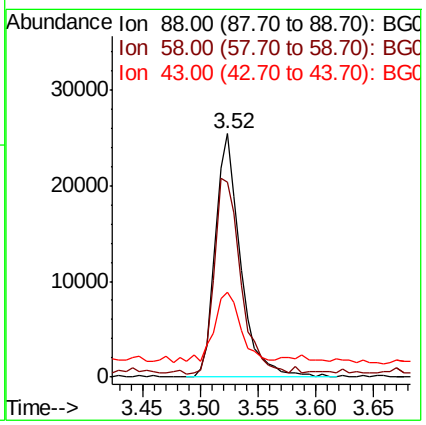
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

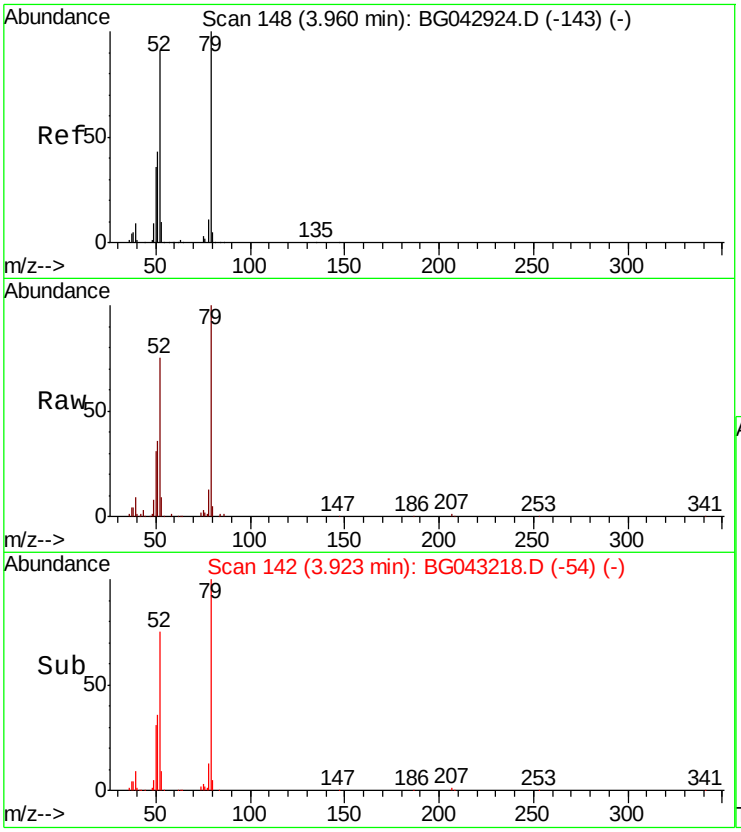


#2
1,4-Dioxane
Concen: 32.851 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 88 Resp: 38480

Ion	Ratio	Lower	Upper
88	100		
58	83.1	74.3	111.5
43	28.5	29.8	44.8#

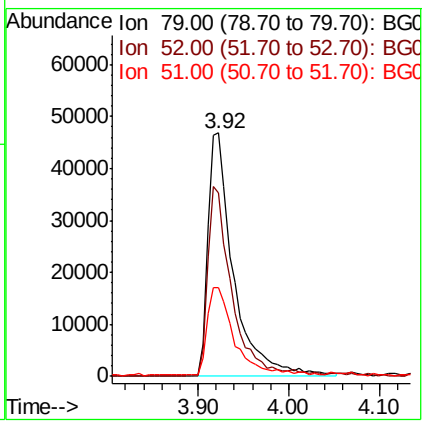




#3
Pyridine
Concen: 27.917 ng
RT: 3.92 min Scan# 142
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

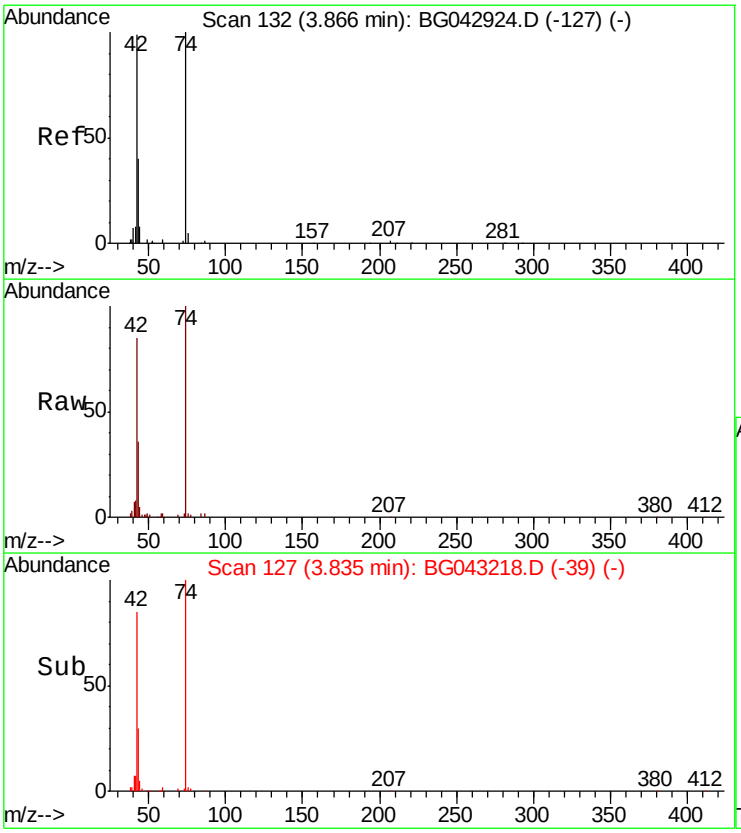
Tgt Ion: 79 Resp: 91972

Ion	Ratio	Lower	Upper
79	100		
52	75.2	73.0	109.4
51	36.3	35.1	52.7



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

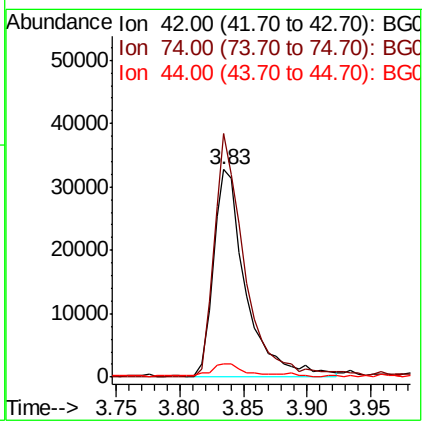
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

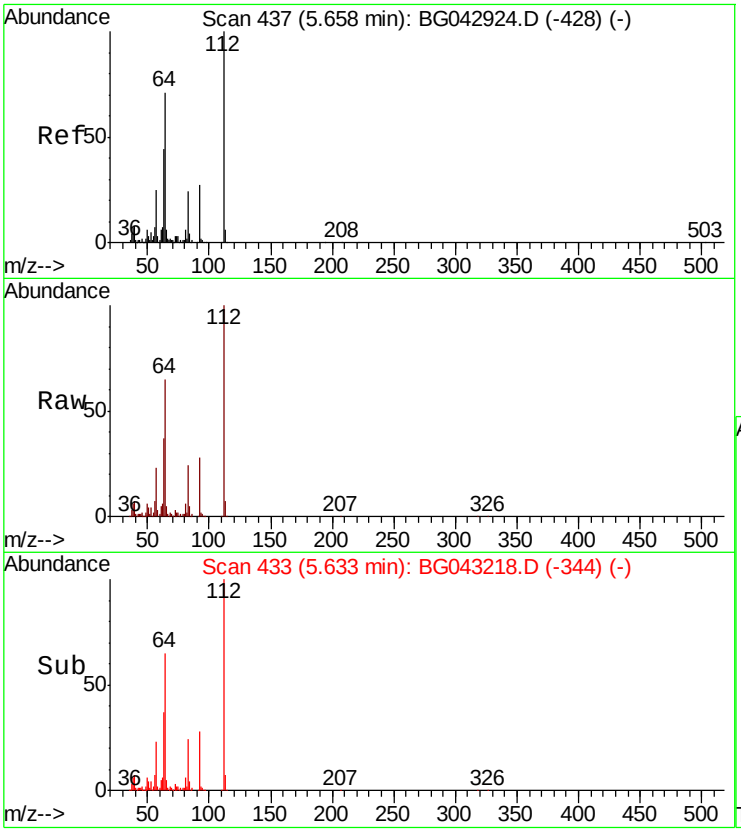


#4
n-Nitrosodimethylamine
Concen: 36.222 ng
RT: 3.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 42 Resp: 57387

Ion	Ratio	Lower	Upper
42	100		
74	117.3	80.5	120.7
44	6.3	6.9	10.3#

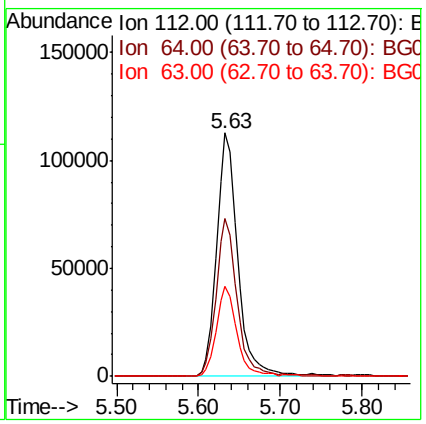




#5
2-Fluorophenol
Concen: 72.375 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

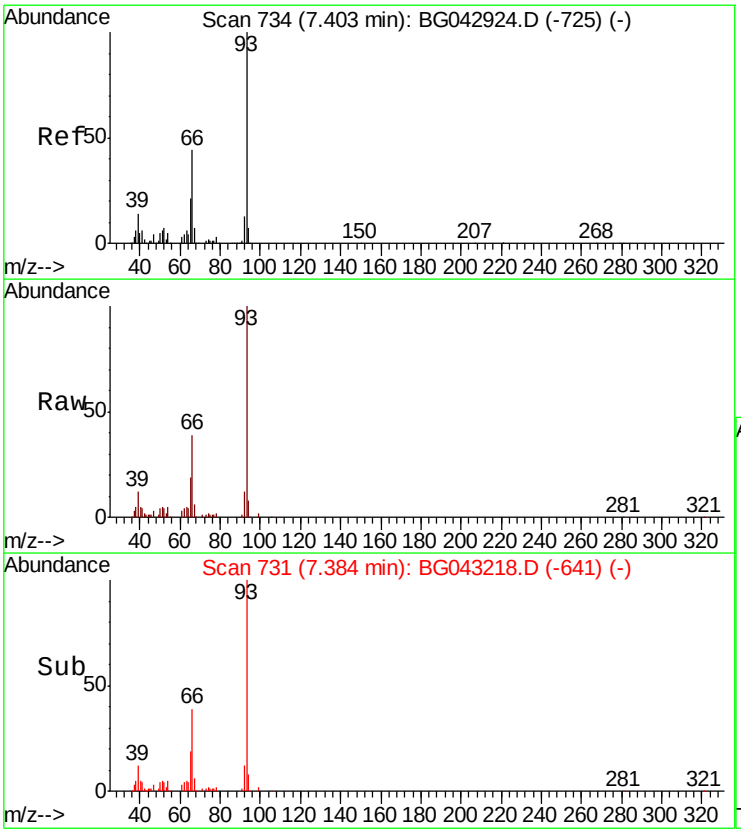
Tgt Ion:112 Resp: 203334

Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.6	84.8
63	36.9	35.1	52.7



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

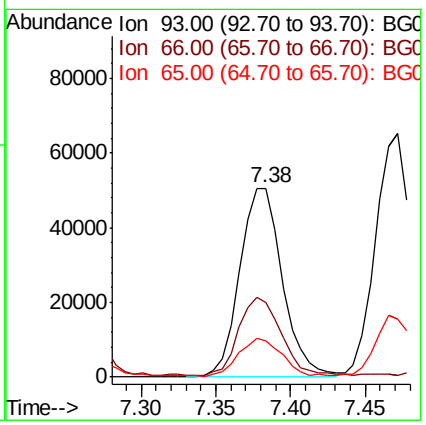
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

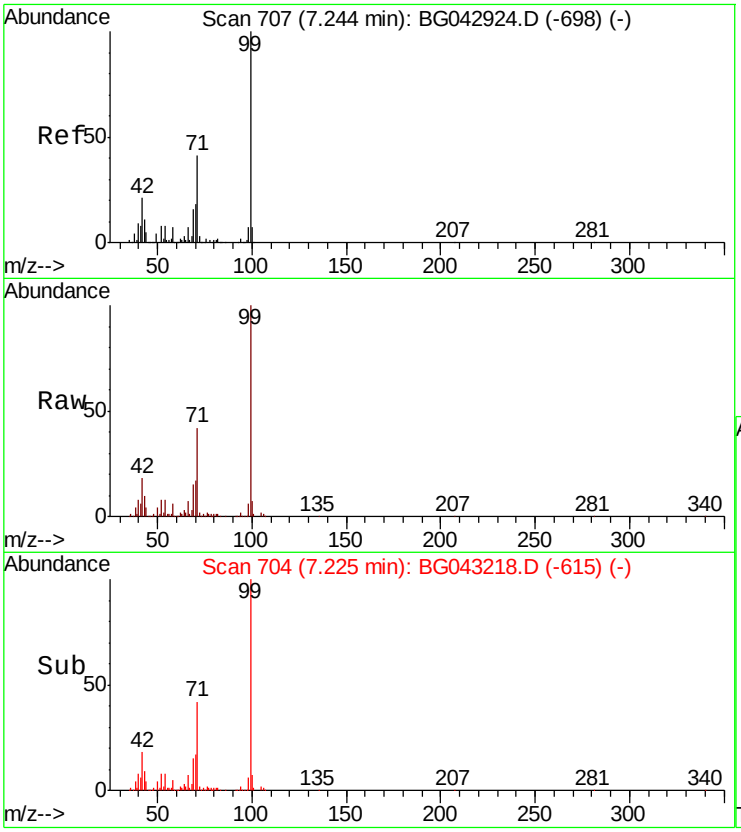


#6
Aniline
Concen: 20.473 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 93 Resp: 99987

Ion	Ratio	Lower	Upper
93	100		
66	39.1	35.0	52.6
65	18.9	17.4	26.0

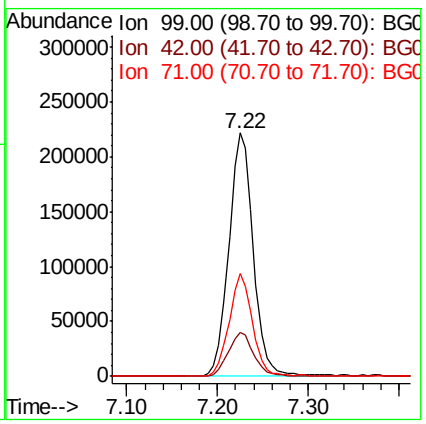




#7
Phenol-d6
Concen: 102.923 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

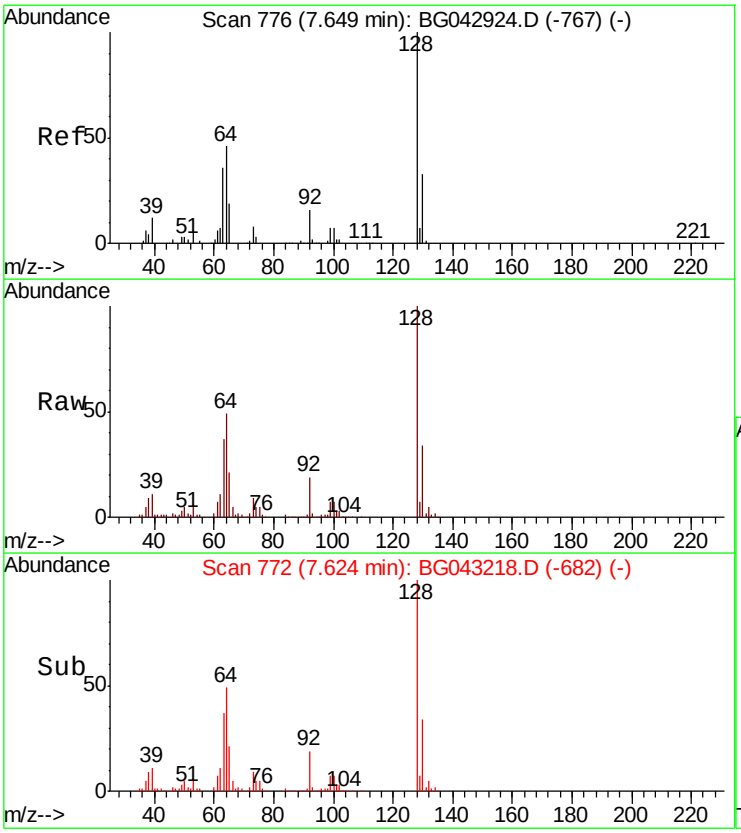
Tgt Ion: 99 Resp: 416404

Ion	Ratio	Lower	Upper
99	100		
42	17.8	17.2	25.8
71	42.5	33.1	49.7



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

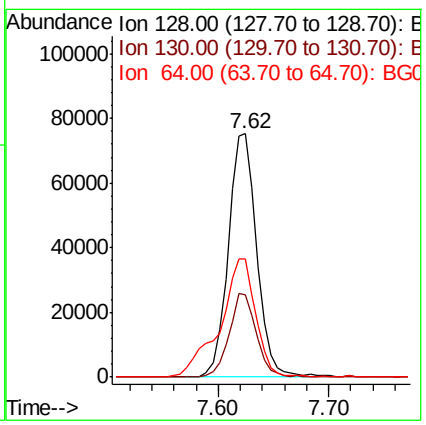
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

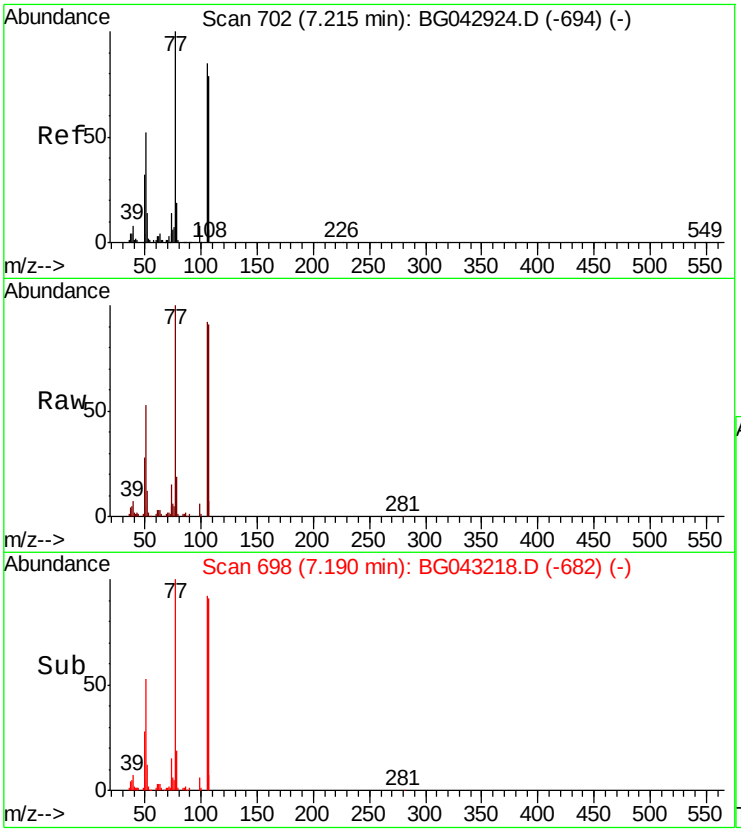


#8
2-Chlorophenol
Concen: 46.337 ng
RT: 7.62 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:128 Resp: 135761

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.5	52.5
64	48.6	32.8	72.8

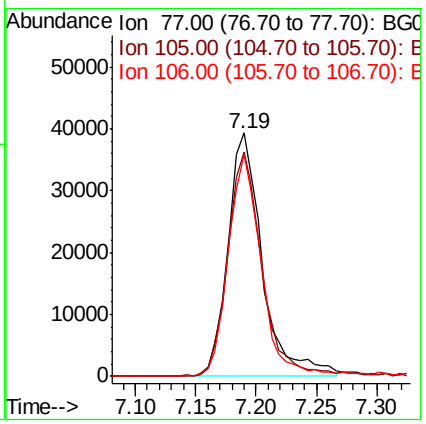




#9
Benzaldehyde
Concen: 31.611 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

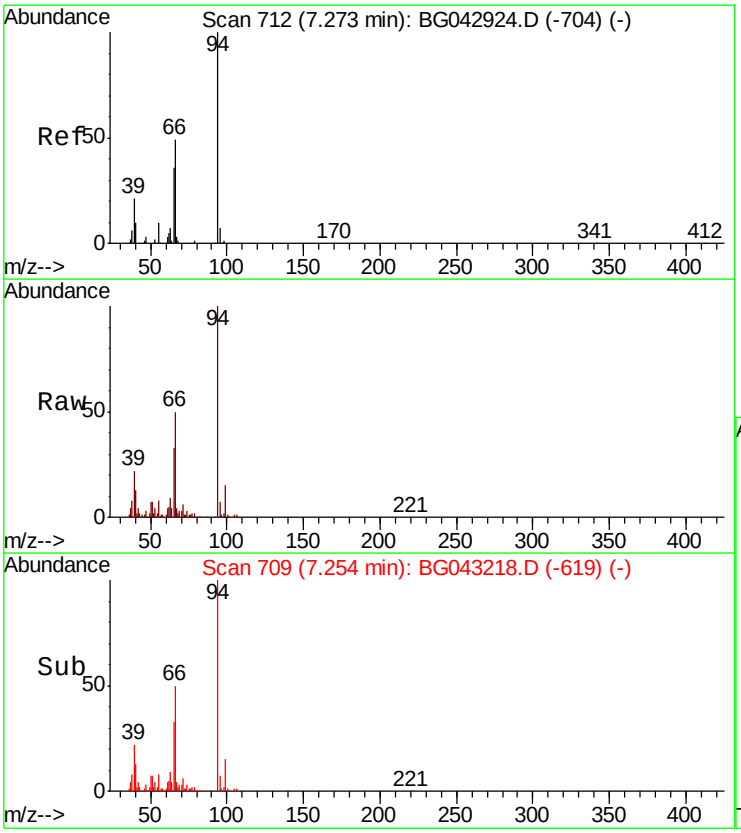
Tgt Ion: 77 Resp: 78149

Ion	Ratio	Lower	Upper
77	100		
105	92.1	64.6	104.6
106	91.0	59.4	99.4



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

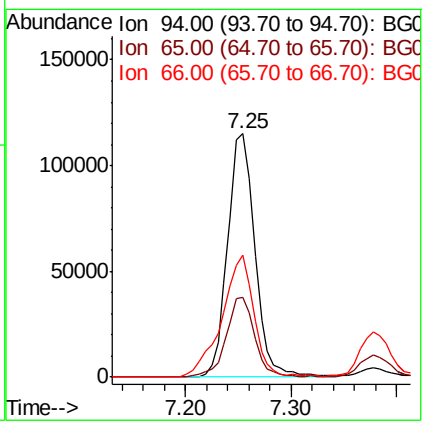
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

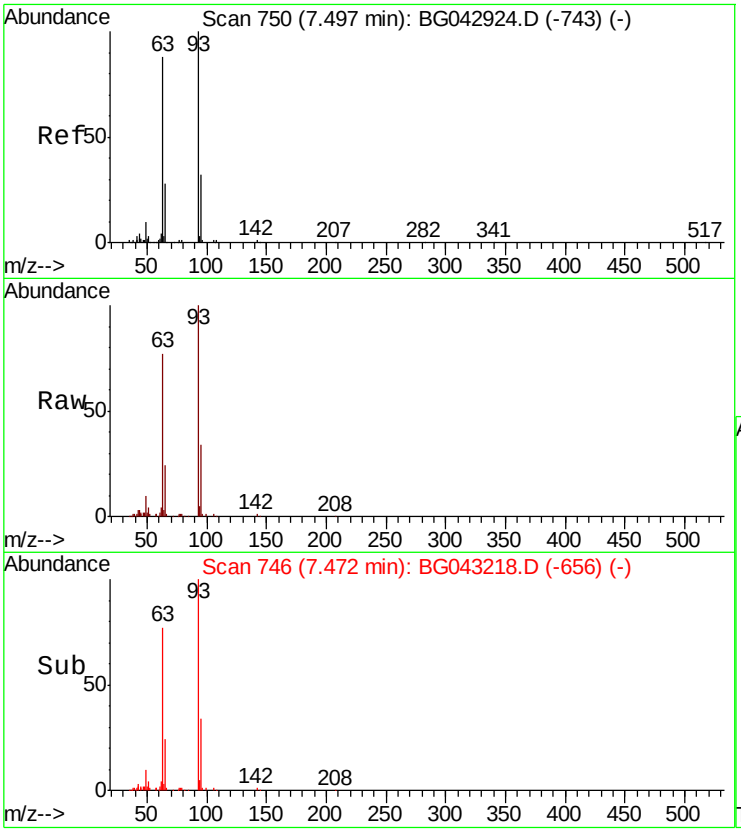


#10
Phenol
Concen: 55.435 ng
RT: 7.25 min Scan# 709
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 94 Resp: 205766

Ion	Ratio	Lower	Upper
94	100		
65	33.0	16.6	56.6
66	50.3	32.4	72.4

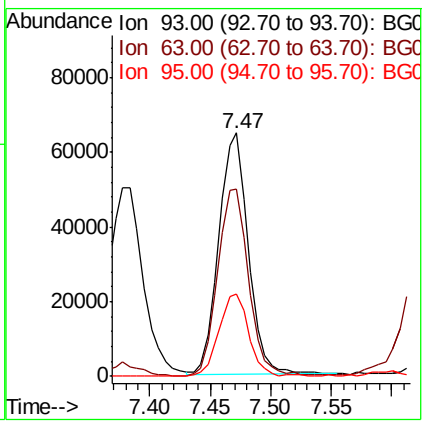




#11
bis(2-Chloroethyl)ether
Concen: 38.084 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

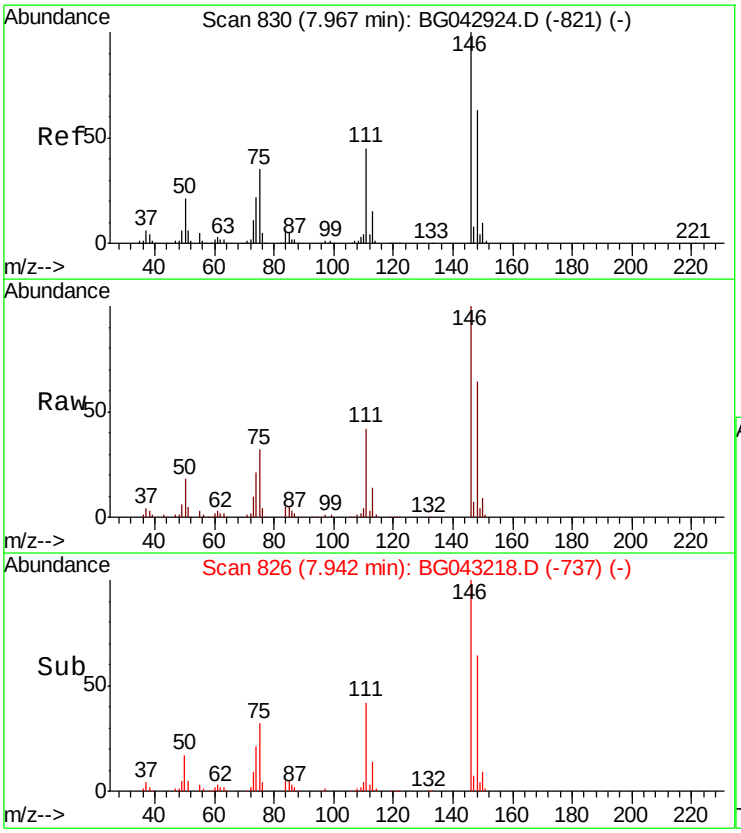
Tgt Ion: 93 Resp: 109376

Ion	Ratio	Lower	Upper
93	100		
63	77.0	67.4	107.4
95	33.7	11.9	51.9



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

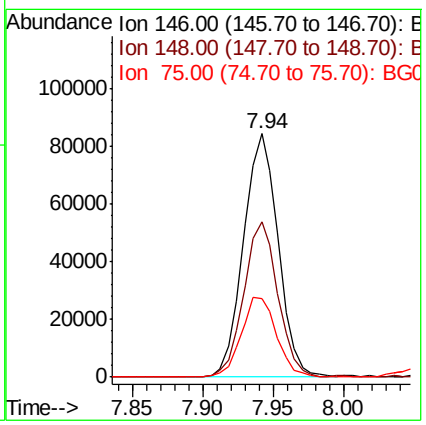
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

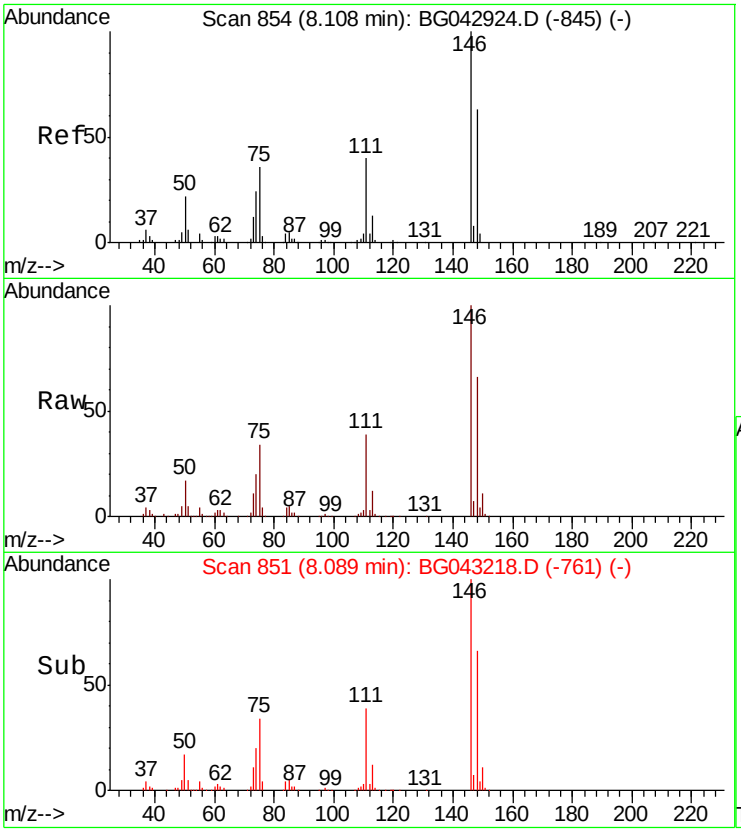


#12
1,3-Dichlorobenzene
Concen: 39.037 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:146 Resp: 145904

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
75	32.0	27.7	41.5

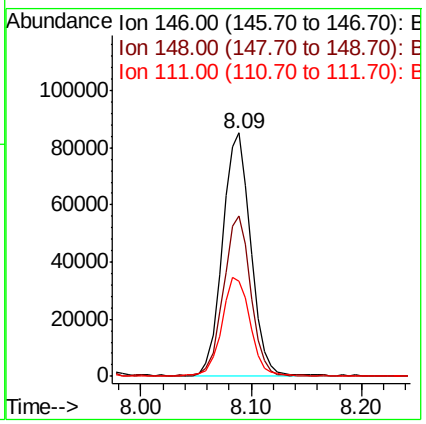




#13
1,4-Dichlorobenzene
Concen: 40.658 ng
RT: 8.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

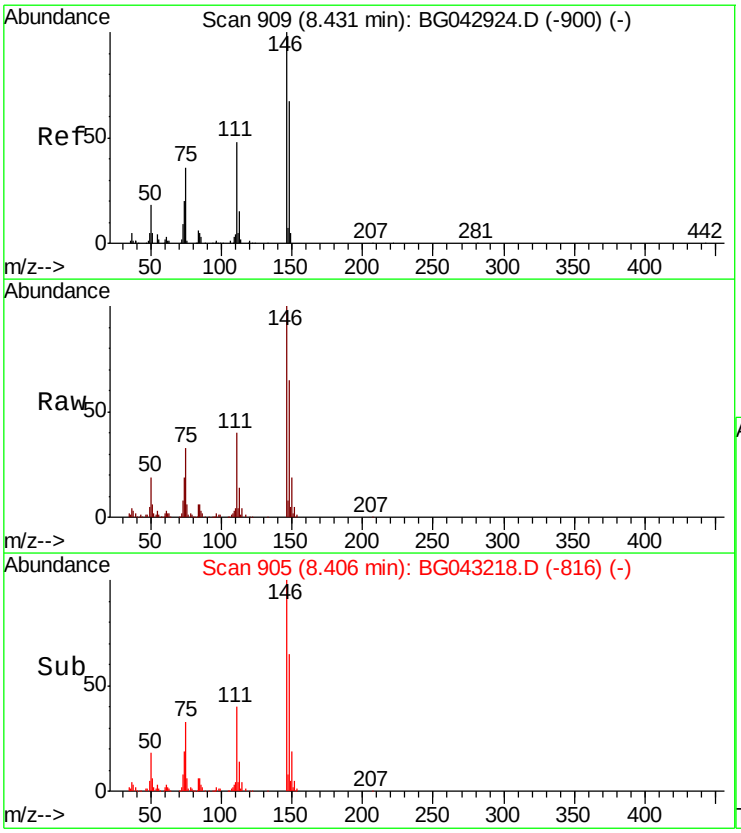
Tgt Ion:146 Resp: 151490

Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.9	76.3
111	39.2	31.8	47.8



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

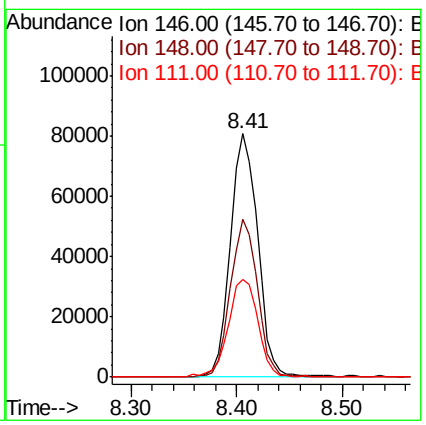
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

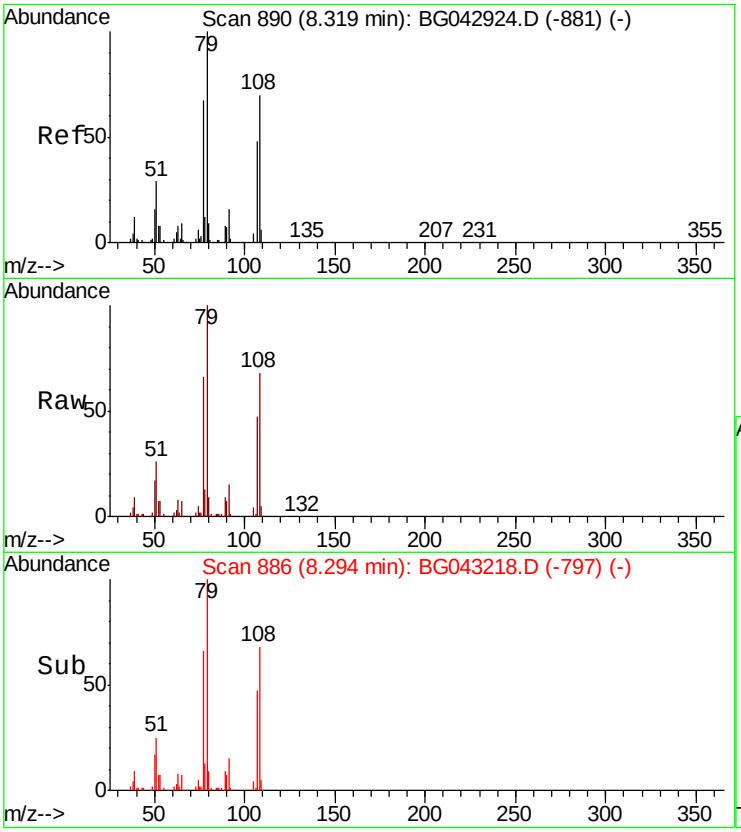


#14
1,2-Dichlorobenzene
Concen: 40.645 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:146 Resp: 144179

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.2
111	40.0	38.5	57.7





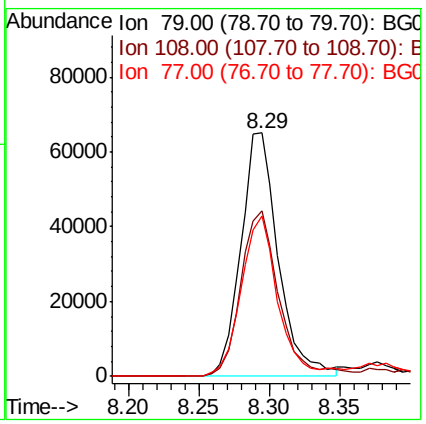
#15
Benzyl Alcohol
Concen: 39.882 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

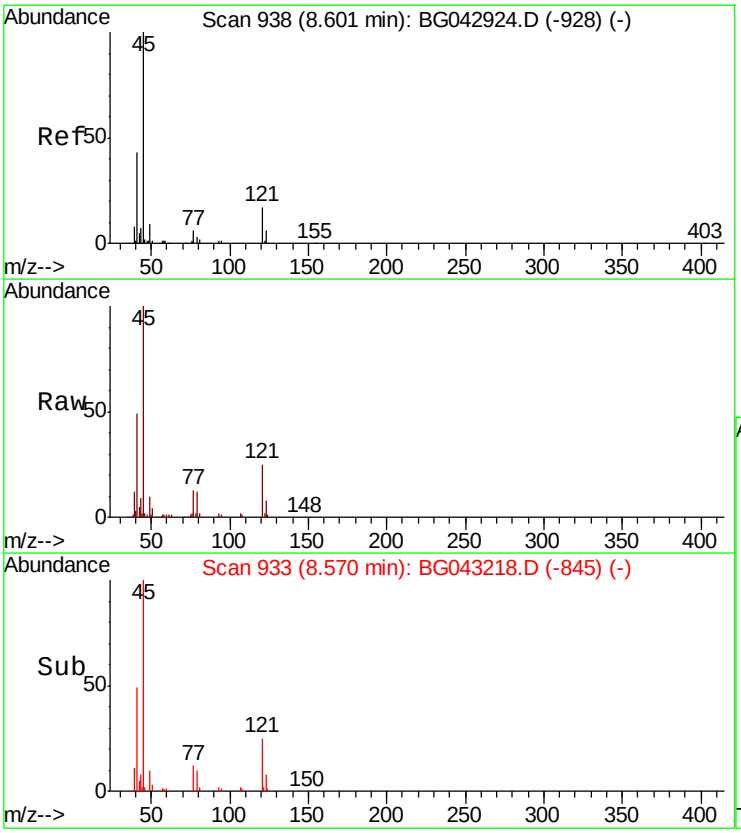
Tgt Ion: 79 Resp: 121311

Ion	Ratio	Lower	Upper
79	100		
108	68.2	55.7	83.5
77	65.9	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

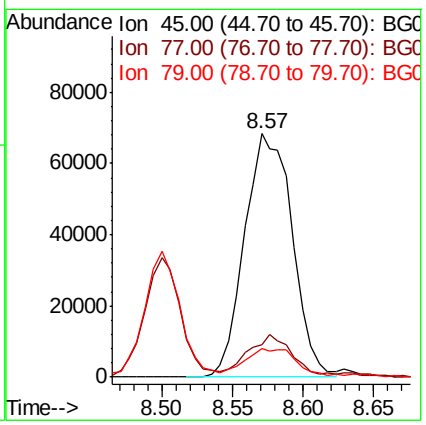


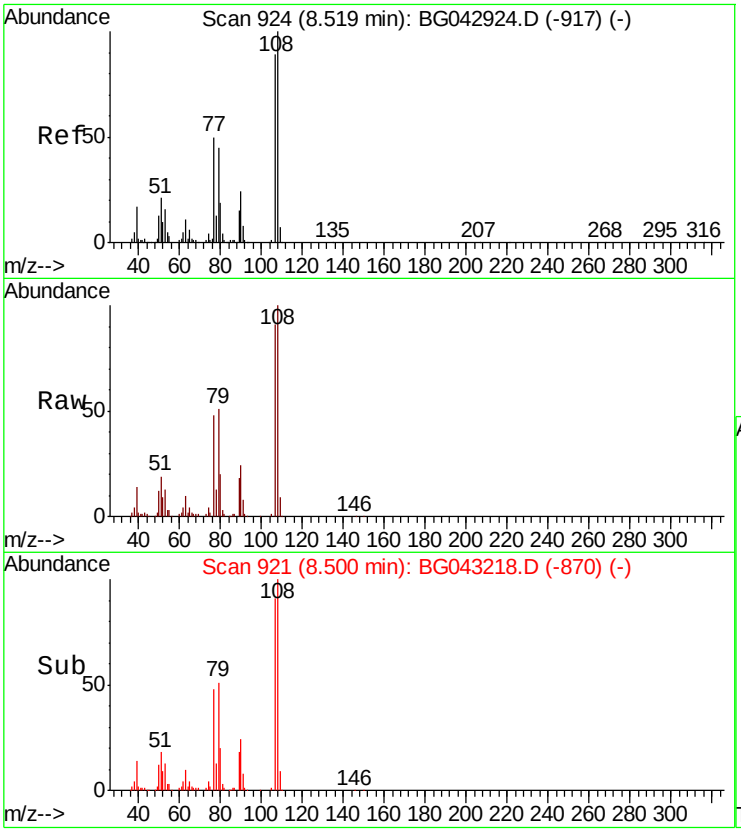


#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.248 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 45 Resp: 161316

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.8
79	11.6	0.0	29.4

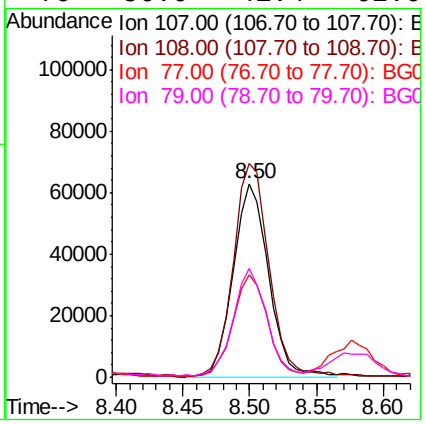




#17
2-Methylphenol
Concen: 44.063 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

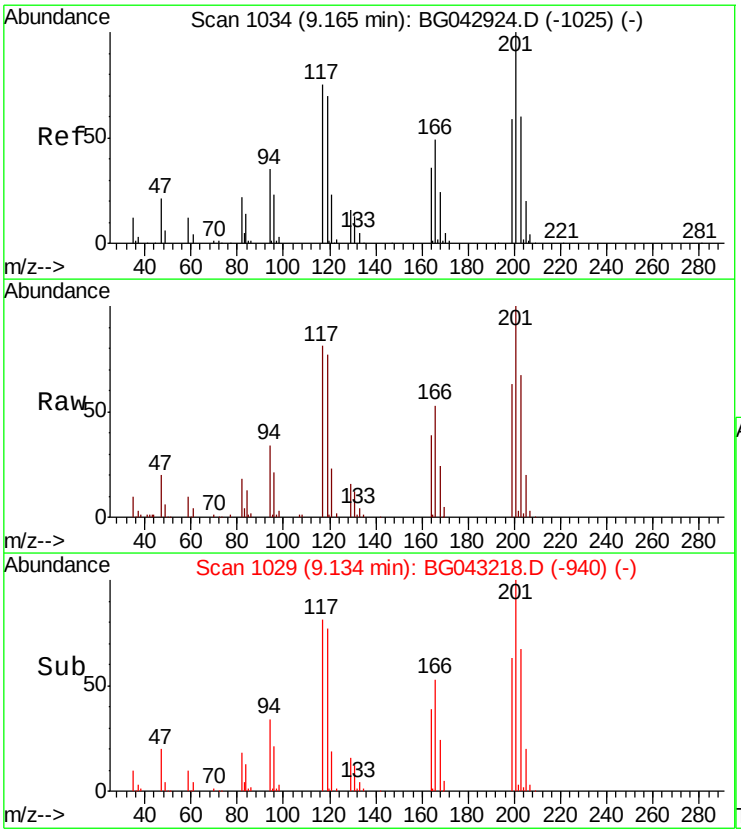
Tgt Ion:107 Resp: 114443

Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.9	134.9
77	53.2	45.4	68.2
79	56.0	41.4	62.0



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

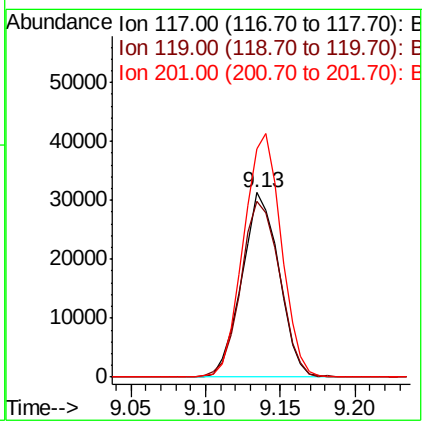
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

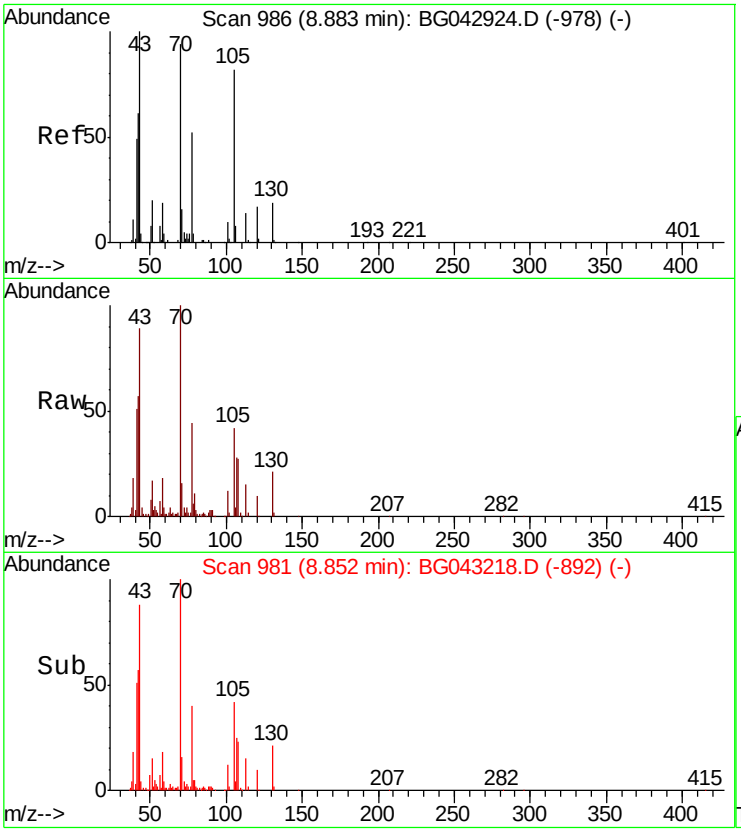


#18
Hexachloroethane
Concen: 38.381 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:117 Resp: 53857

Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.6	111.8
201	127.3	106.0	159.0

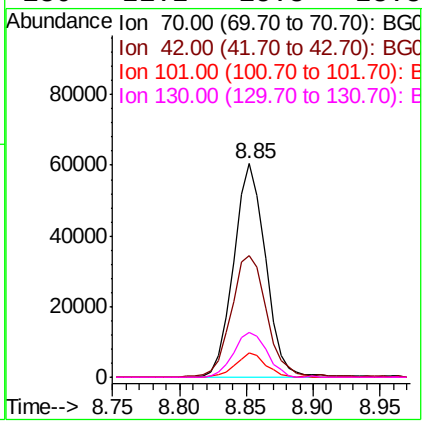




#19
n-Nitroso-di-n-propylamine
Concen: 37.694 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

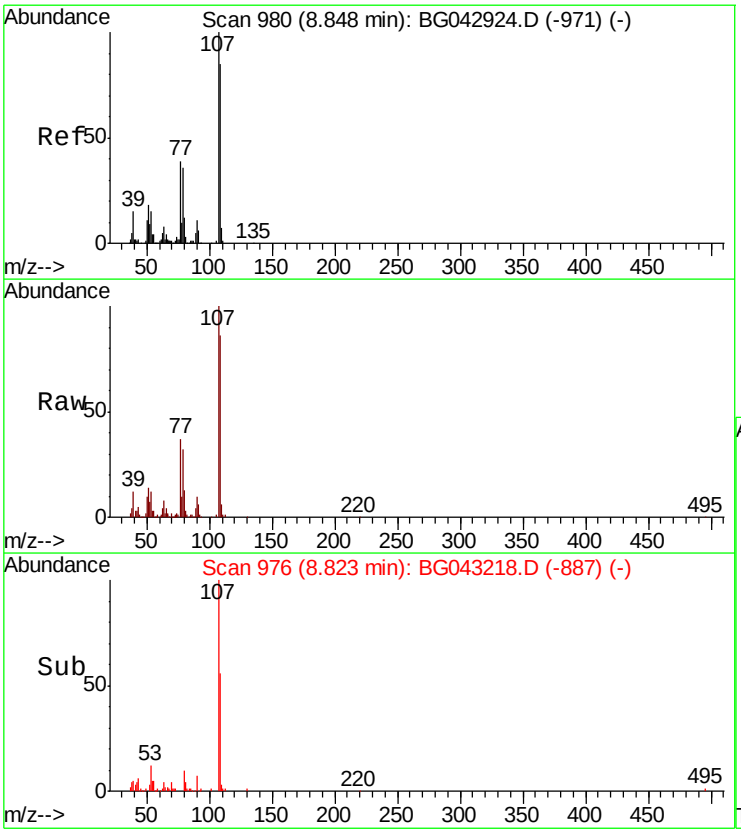
Tgt Ion: 70 Resp: 100137

Ion	Ratio	Lower	Upper
70	100		
42	56.8	52.6	79.0
101	11.6	8.7	13.1
130	21.2	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

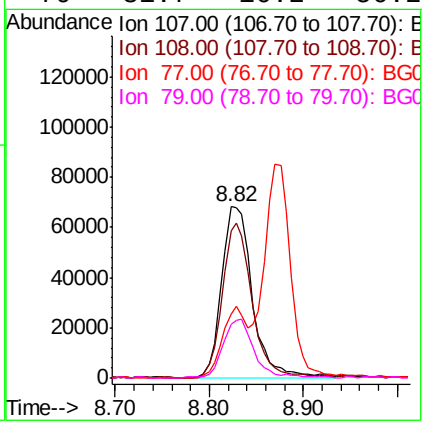
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

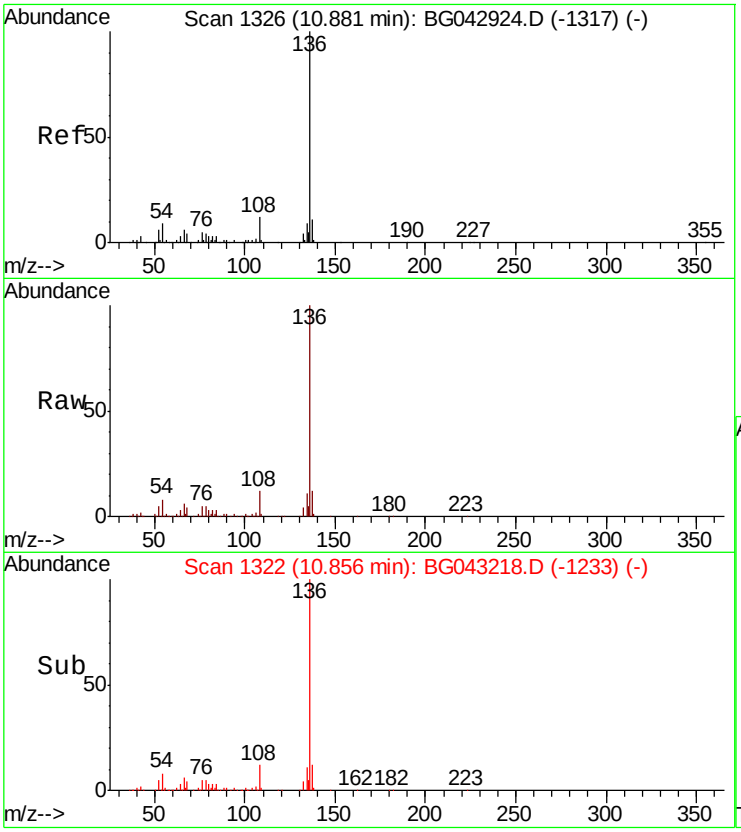


#20
3+4-Methylphenols
Concen: 43.736 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:107 Resp: 155668

Ion	Ratio	Lower	Upper
107	100		
108	85.8	64.9	104.9
77	37.2	19.4	59.4
79	31.7	16.2	56.2

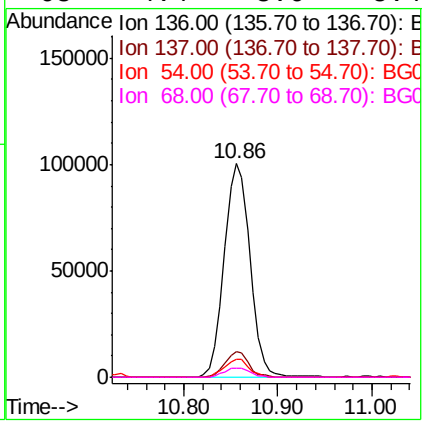




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

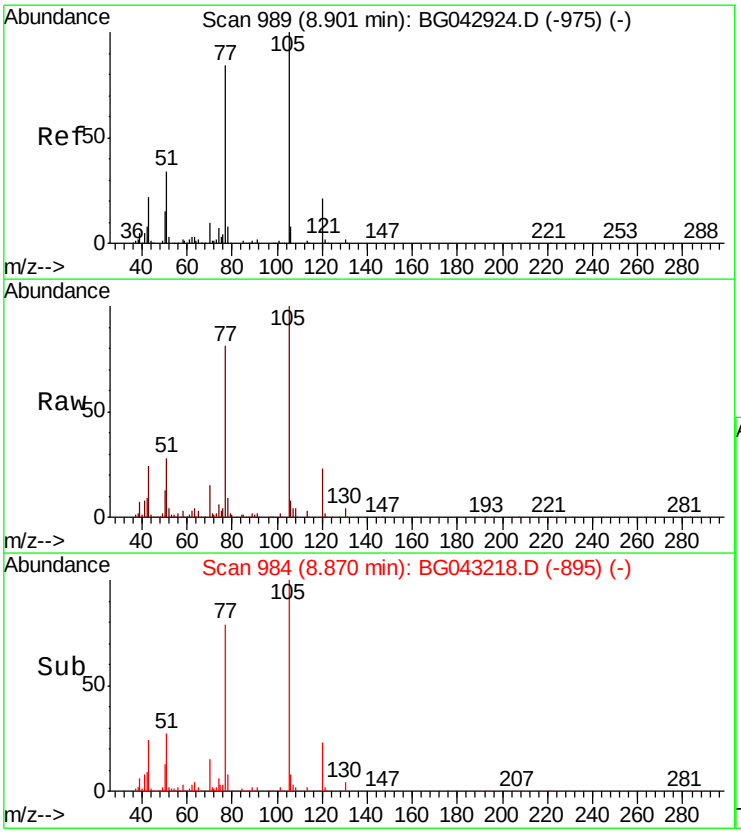
Tgt Ion:136 Resp: 191957

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	8.2	7.4	11.2
68	4.4	3.6	5.4



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

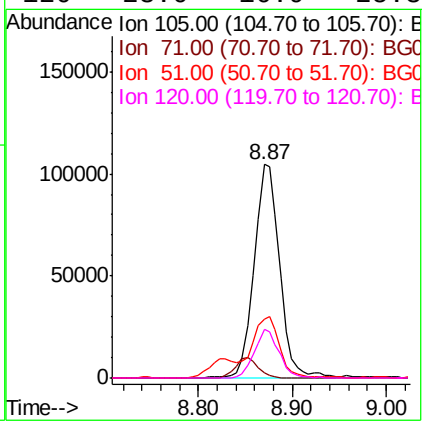
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

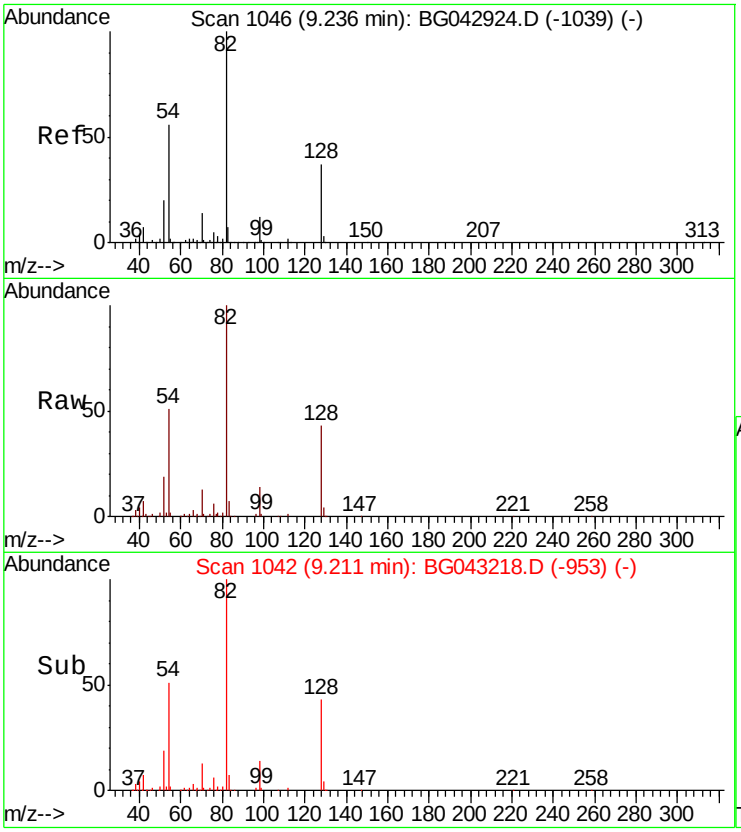


#22
Acetophenone
Concen: 39.614 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:105 Resp: 196011

Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.2	1.8#
51	27.8	27.2	40.8
120	23.0	16.9	25.3

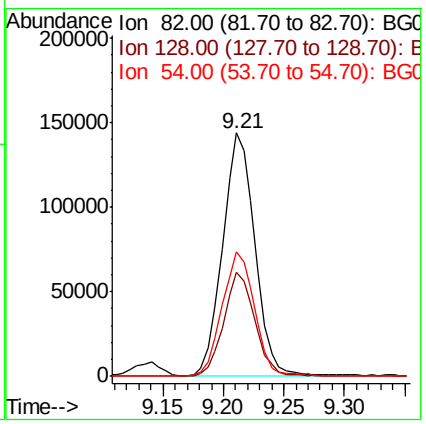




#23
Nitrobenzene-d5
Concen: 67.038 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

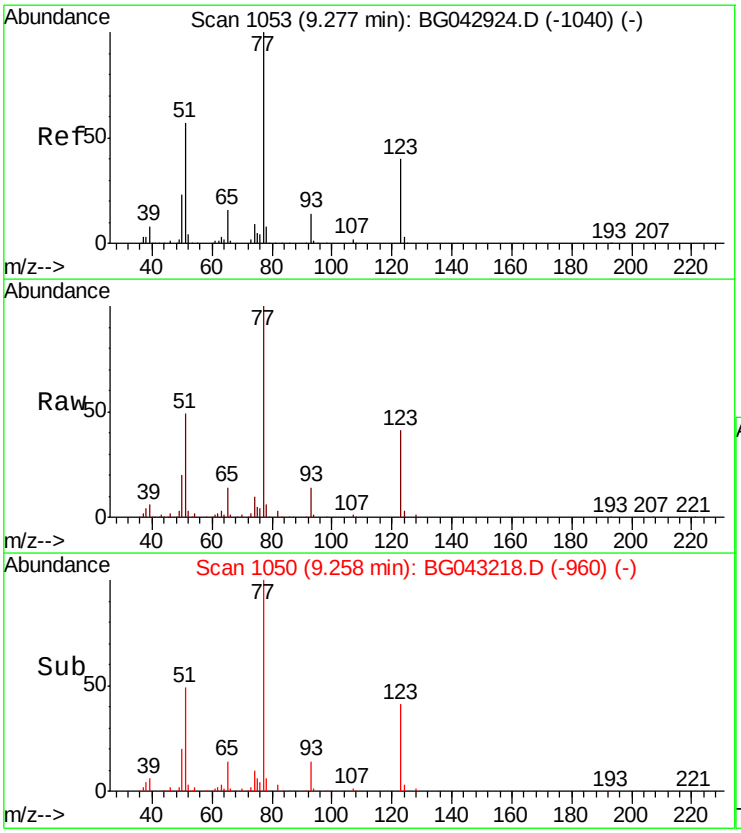
Tgt Ion: 82 Resp: 264755

Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.5	44.3
54	51.2	44.6	67.0



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

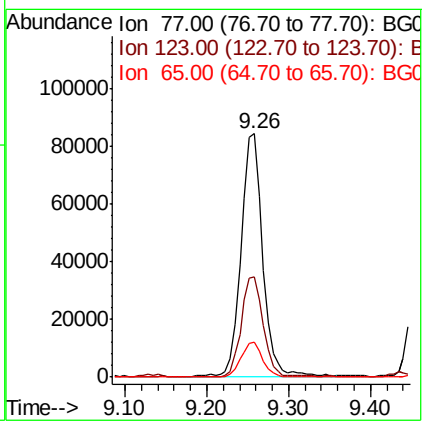
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

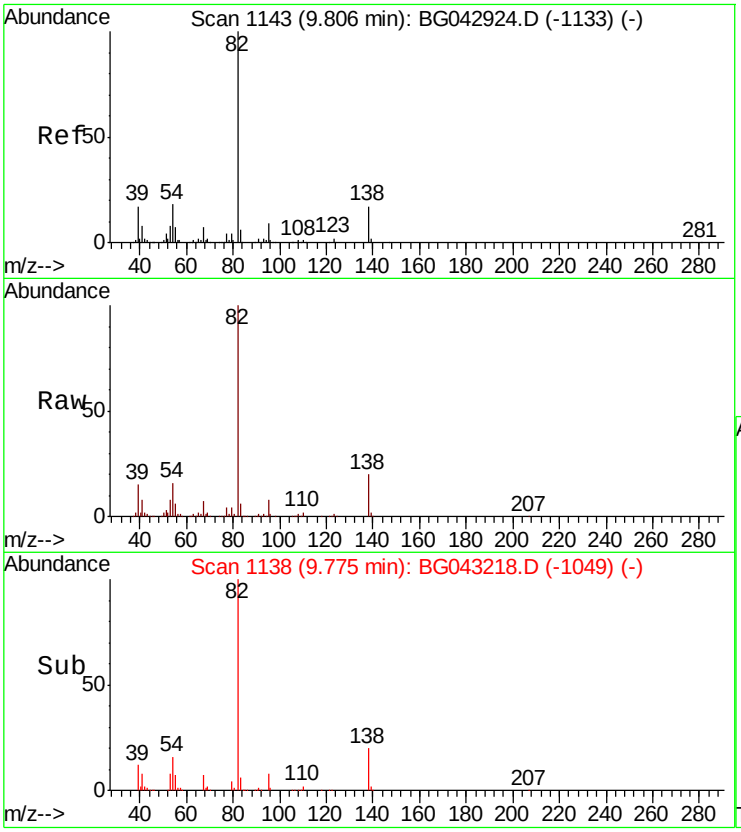


#24
Nitrobenzene
Concen: 41.735 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 77 Resp: 157217

Ion	Ratio	Lower	Upper
77	100		
123	41.1	31.9	47.9
65	14.1	12.4	18.6

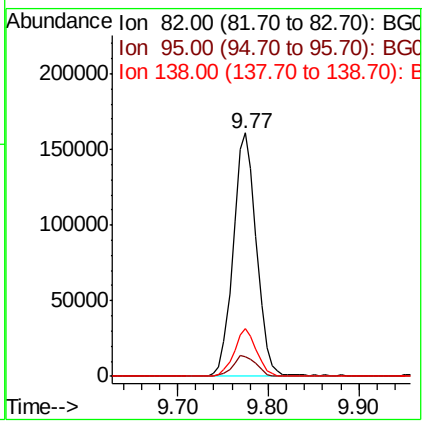




#25
Isophorone
Concen: 41.457 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

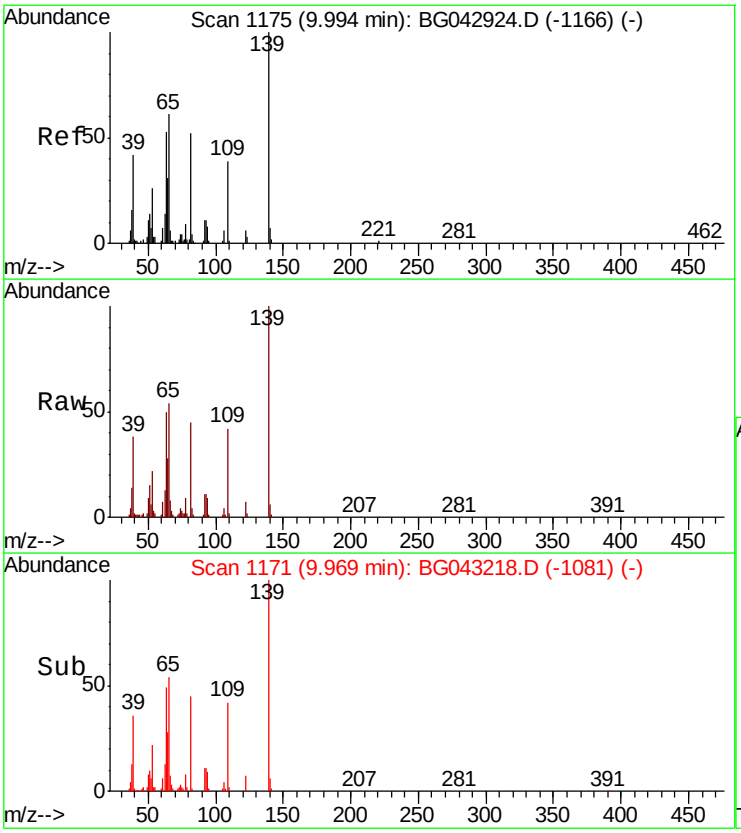
Tgt Ion: 82 Resp: 287594

Ion	Ratio	Lower	Upper
82	100		
95	8.3	7.0	10.4
138	19.5	13.8	20.6



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

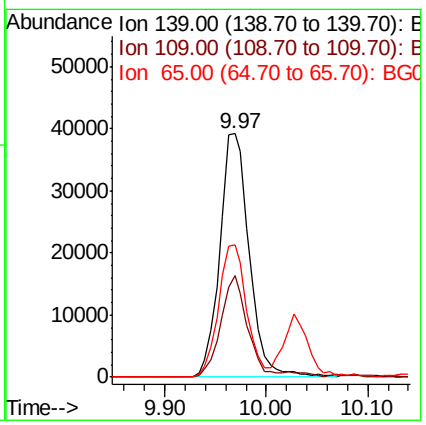
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

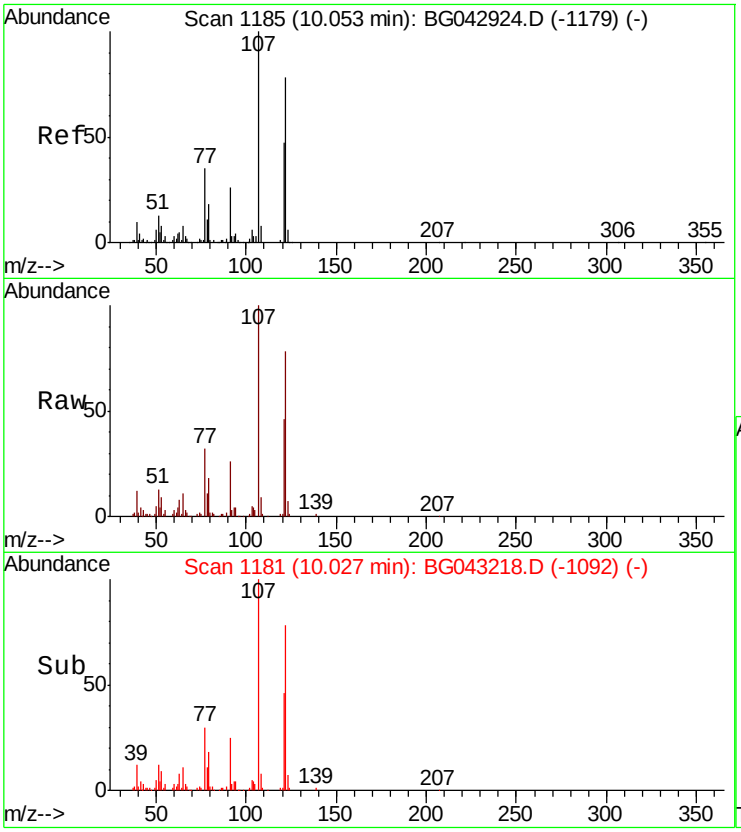


#26
2-Nitrophenol
Concen: 49.261 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:139 Resp: 78996

Ion	Ratio	Lower	Upper
139	100		
109	41.5	31.0	46.6
65	54.5	48.4	72.6





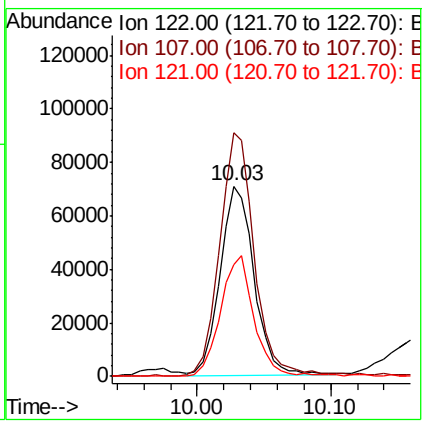
#27
2,4-Dimethylphenol
Concen: 51.254 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

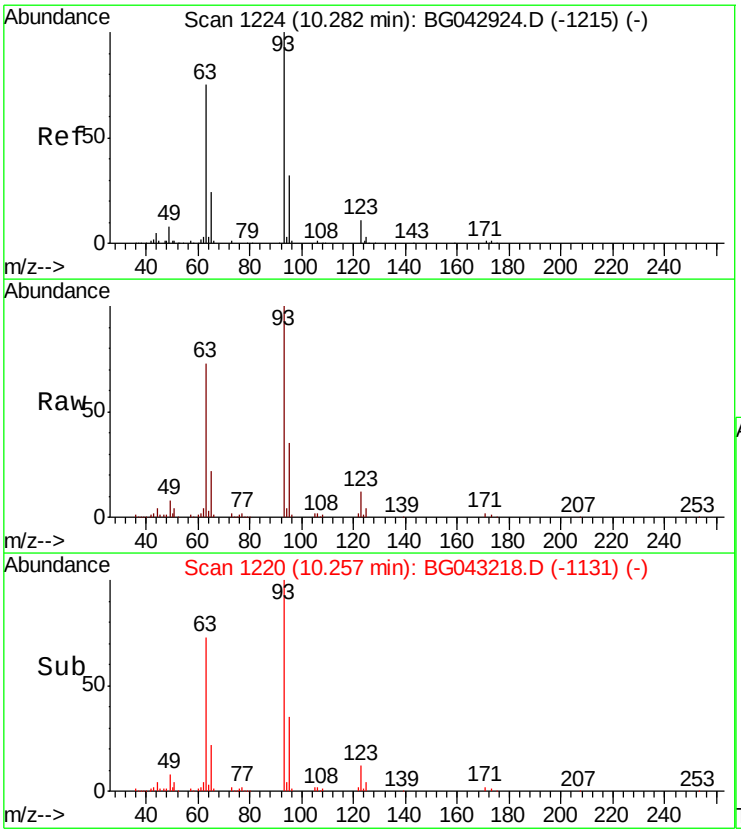
Tgt Ion:122 Resp: 126224

Ion	Ratio	Lower	Upper
122	100		
107	127.9	102.2	153.2
121	58.5	48.5	72.7

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

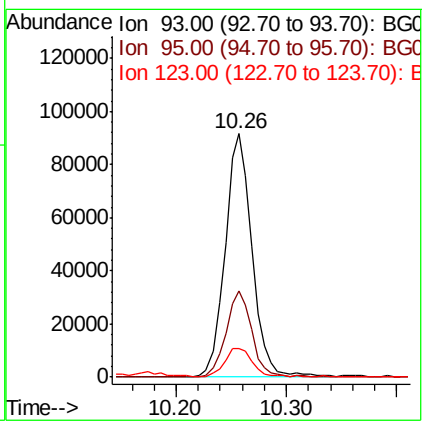


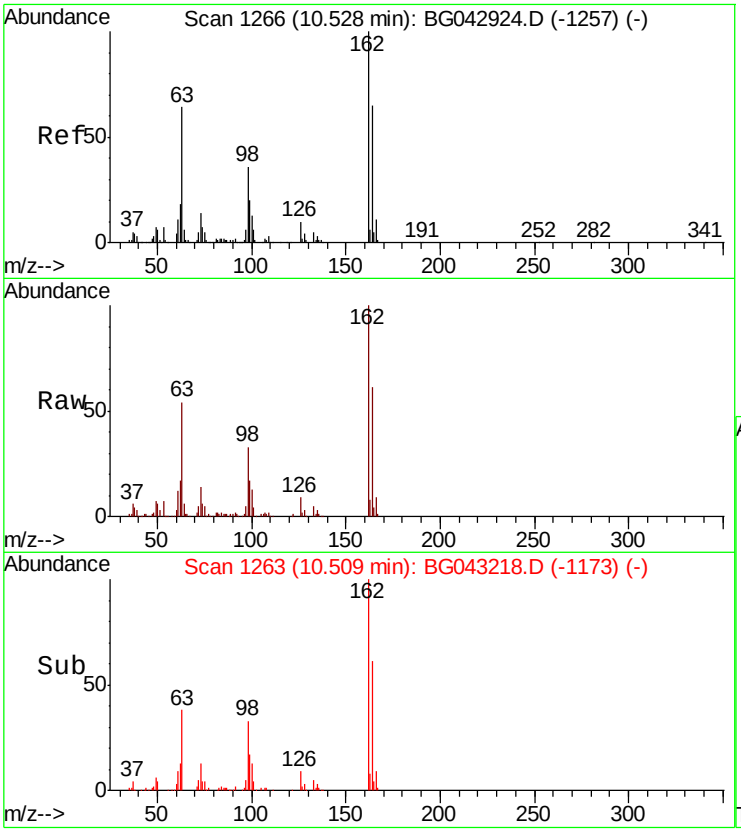


#28
bis(2-Chloroethoxy)methane
Concen: 39.760 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 93 Resp: 156490

Ion	Ratio	Lower	Upper
93	100		
95	35.2	25.4	38.0
123	11.9	9.3	13.9

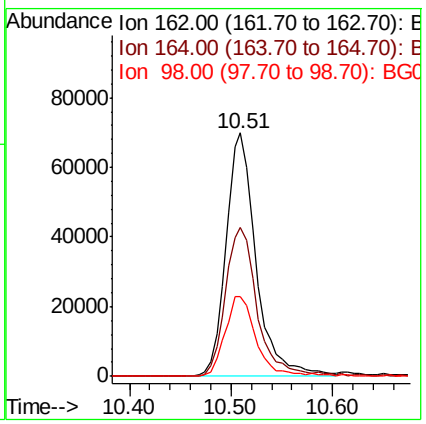




#29
2,4-Dichlorophenol
Concen: 46.843 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

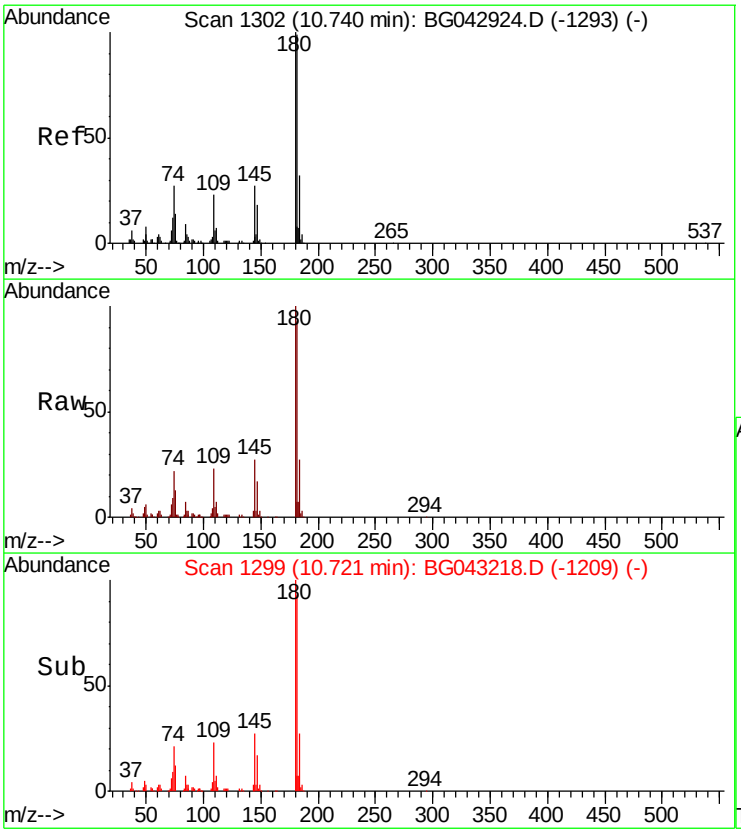
Tgt Ion:162 Resp: 143473

Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.7	84.7
98	33.0	16.0	56.0



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

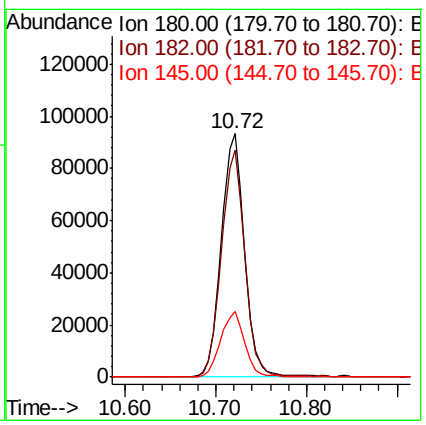
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

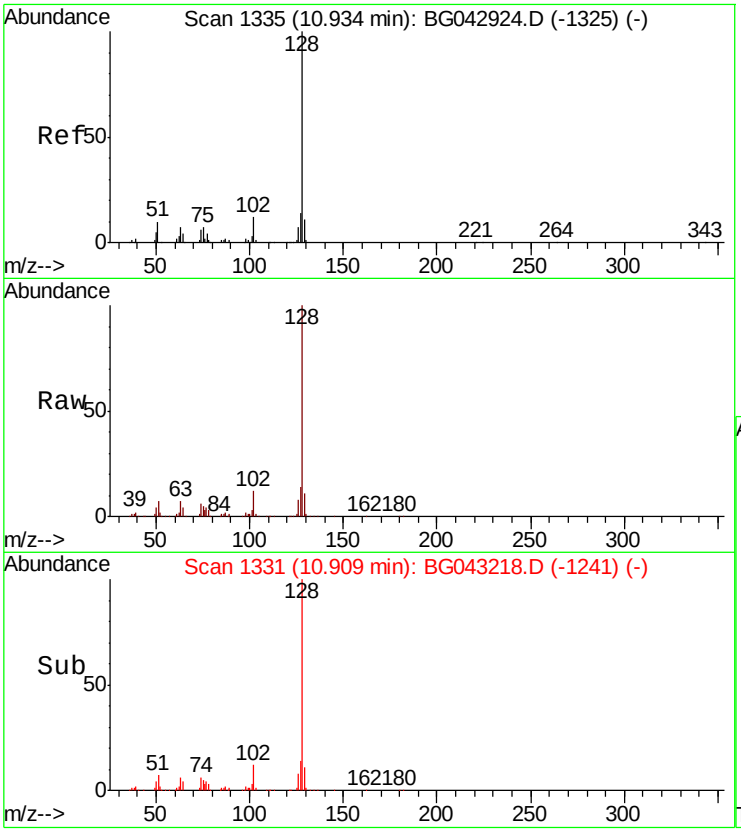


#30
1,2,4-Trichlorobenzene
Concen: 41.992 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:180 Resp: 166090

Ion	Ratio	Lower	Upper
180	100		
182	93.1	79.3	118.9
145	27.2	22.0	33.0

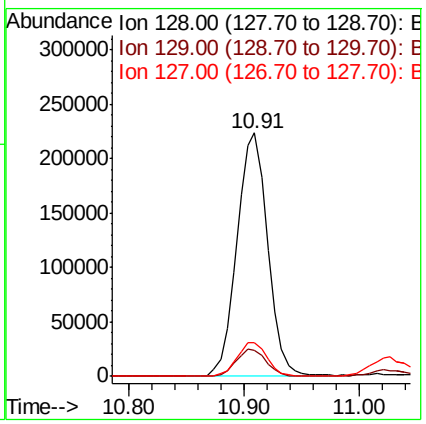




#31
Naphthalene
Concen: 43.687 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

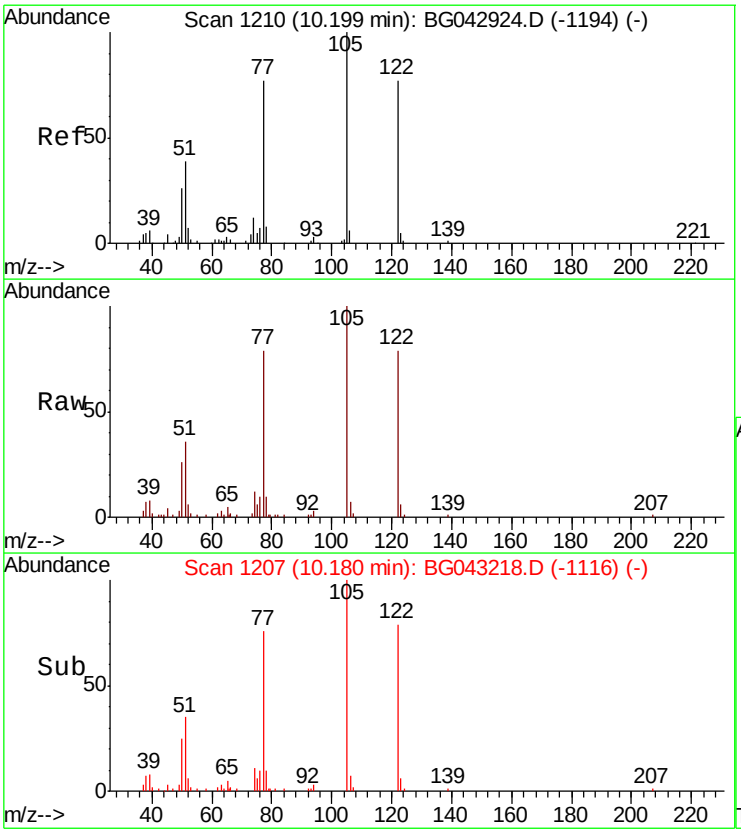
Tgt Ion:128 Resp: 412811

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.6	11.3	16.9



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

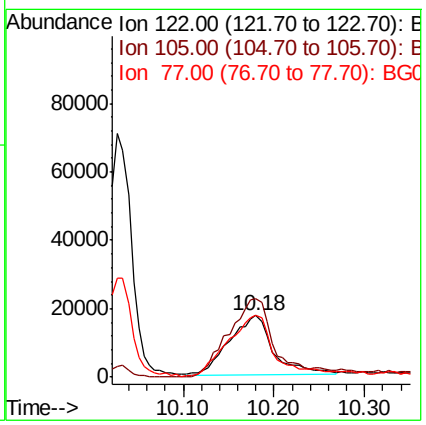
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

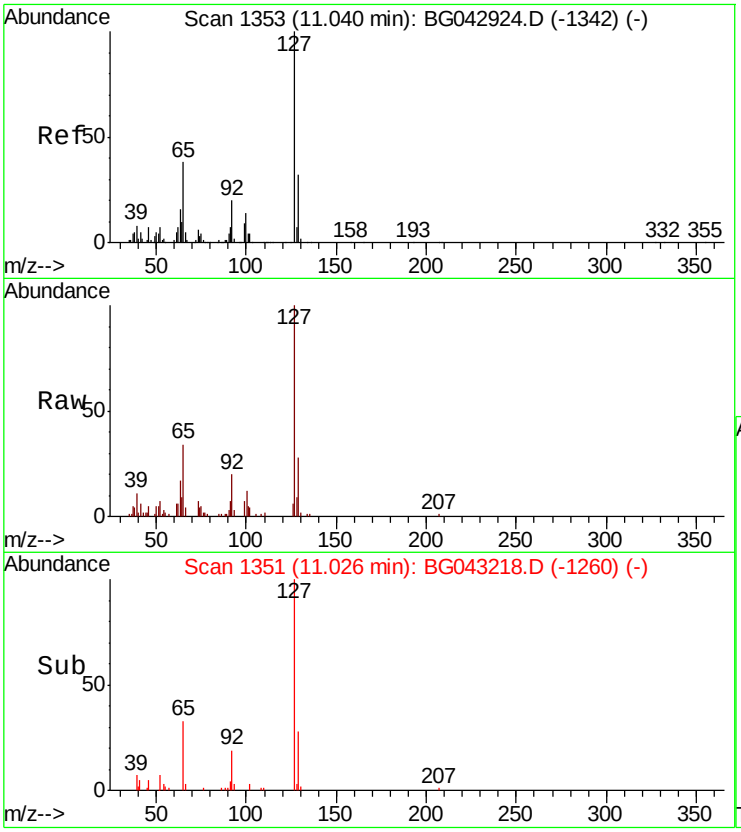


#32
Benzoic acid
Concen: 32.806 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:122 Resp: 58204

Ion	Ratio	Lower	Upper
122	100		
105	127.1	107.5	147.5
77	100.3	79.8	119.8

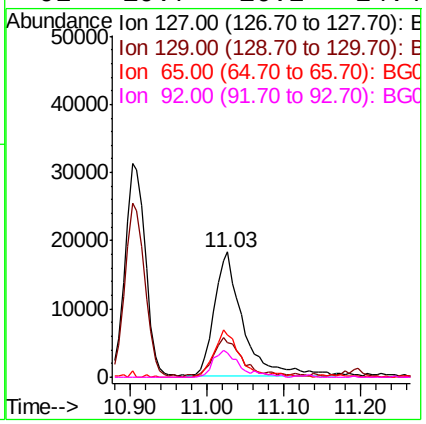




#33
4-Chloroaniline
Concen: 11.422 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

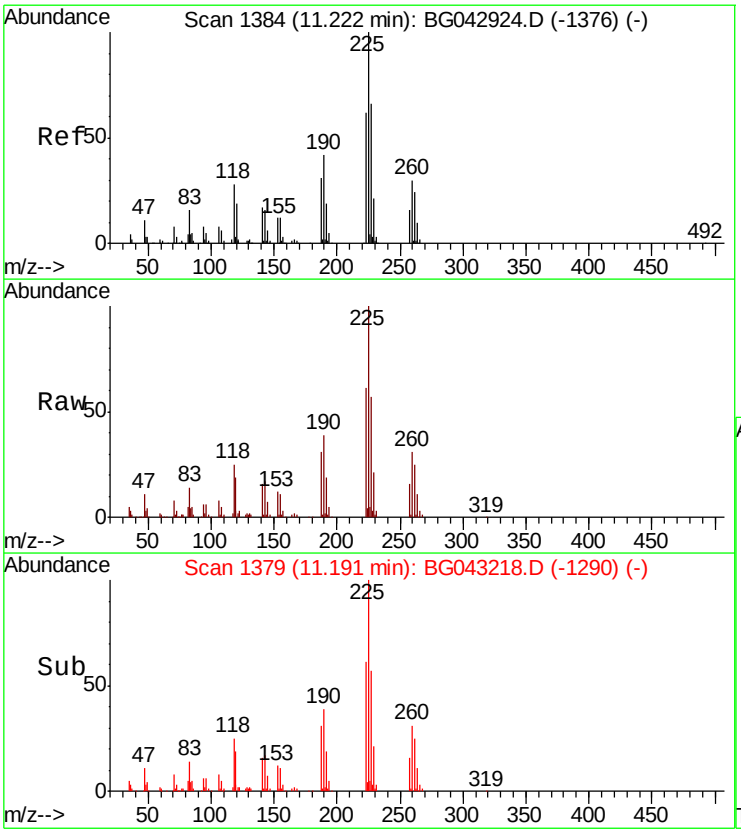
Tgt Ion:127 Resp: 46832

Ion	Ratio	Lower	Upper
127	100		
129	27.8	26.2	39.2
65	34.1	30.6	45.8
92	19.7	16.2	24.4



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

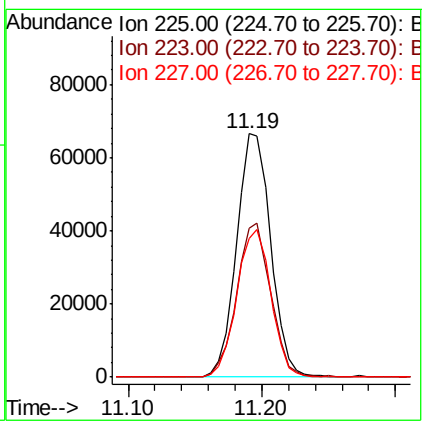
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

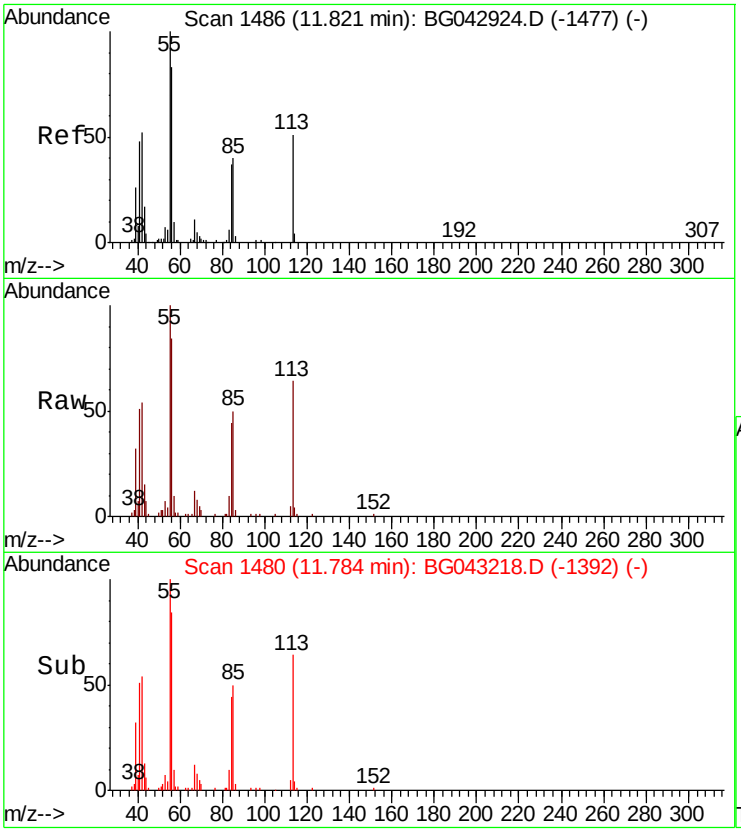


#34
Hexachlorobutadiene
Concen: 39.618 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:225 Resp: 117332

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.3	73.9
227	56.9	52.8	79.2

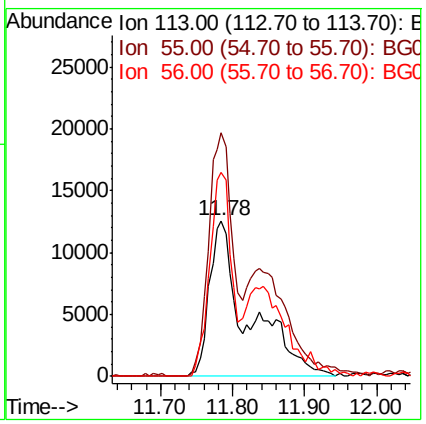




#35
Caprolactam
Concen: 43.163 ng m
RT: 11.78 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

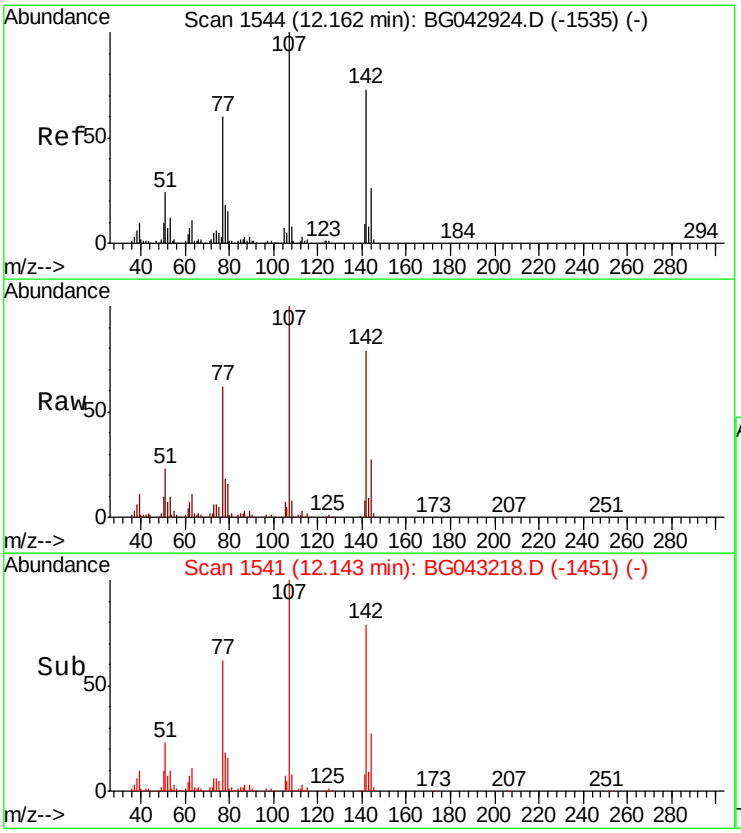
Tgt Ion:113 Resp: 46621

Ion	Ratio	Lower	Upper
113	100		
55	156.7	175.5	215.5#
56	131.1	142.3	182.3#



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

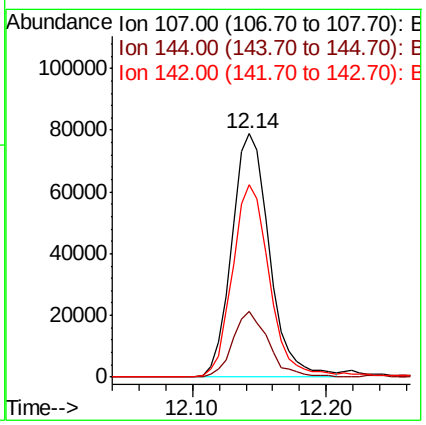
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

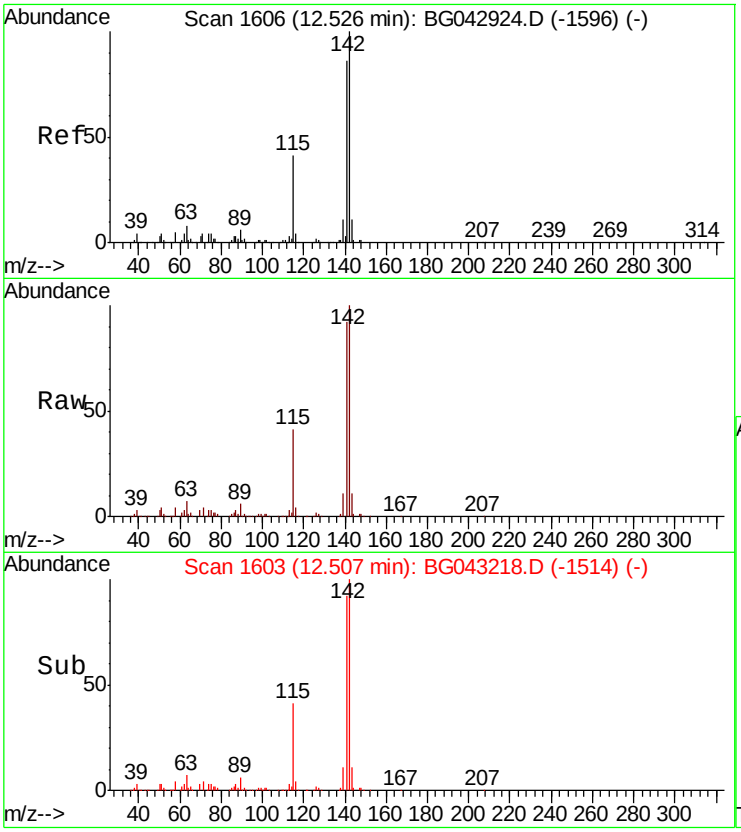


#36
4-Chloro-3-methylphenol
Concen: 46.306 ng
RT: 12.14 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:107 Resp: 154209

Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.7	31.1
142	79.0	58.6	87.8

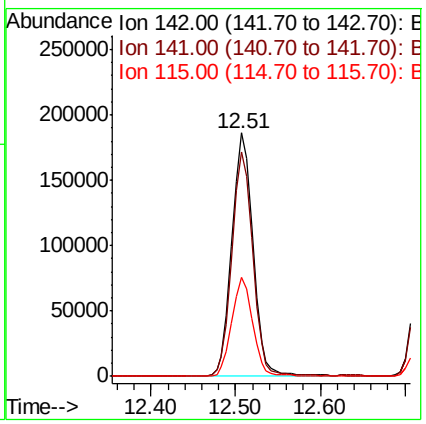




#37
2-Methylnaphthalene
Concen: 44.400 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

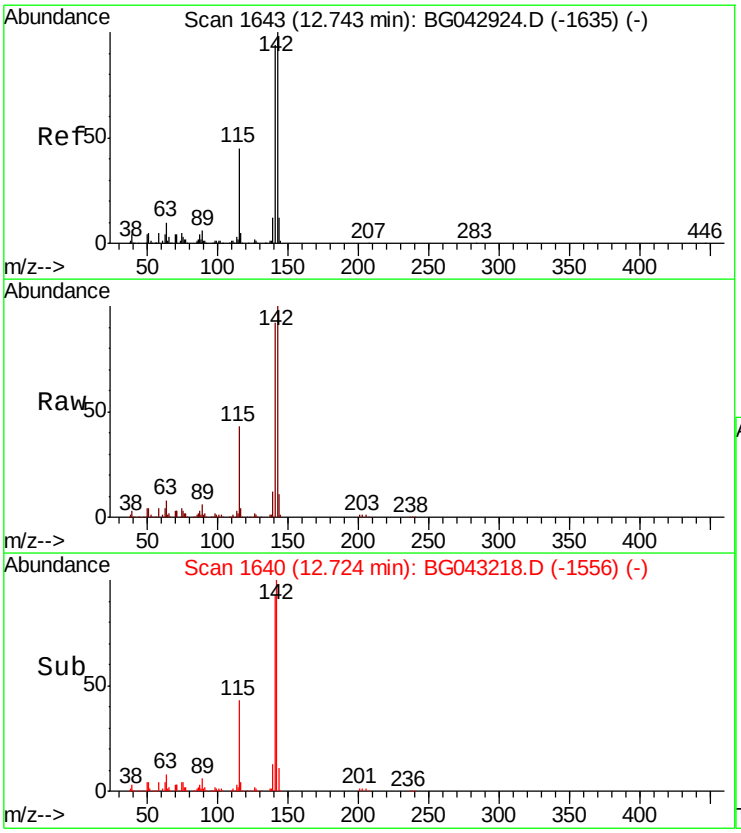
Tgt Ion:142 Resp: 320063

Ion	Ratio	Lower	Upper
142	100		
141	92.3	69.0	103.4
115	40.6	32.8	49.2



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

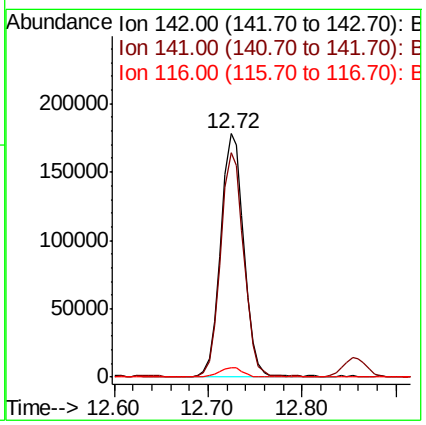
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

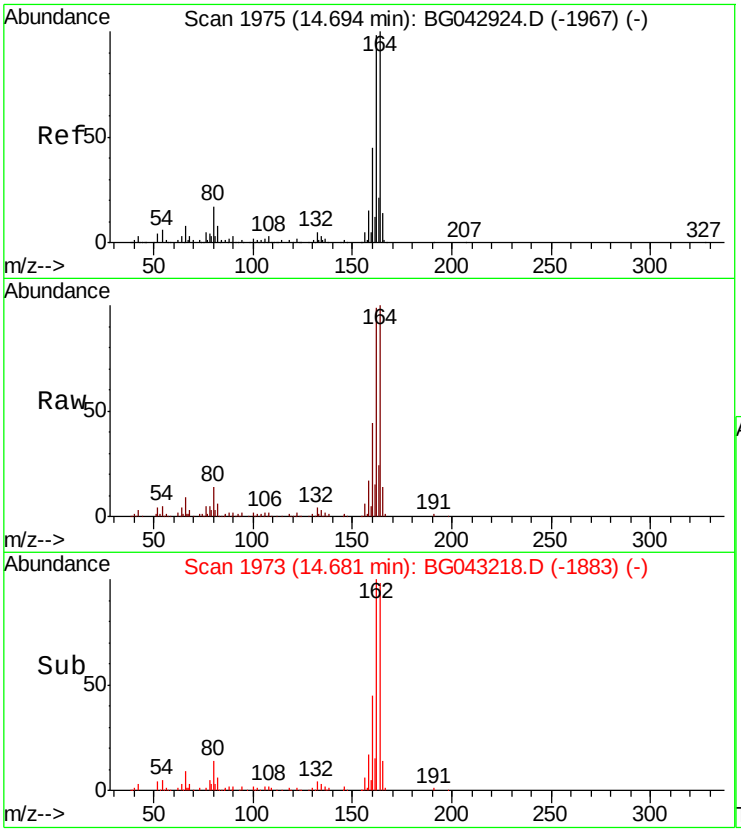


#38
1-Methylnaphthalene
Concen: 44.913 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:142 Resp: 306356

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.9	112.3
116	4.1	3.7	5.5

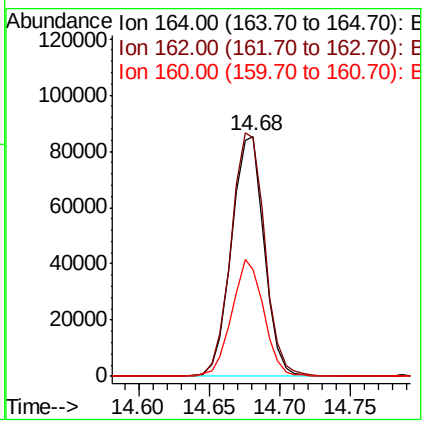




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

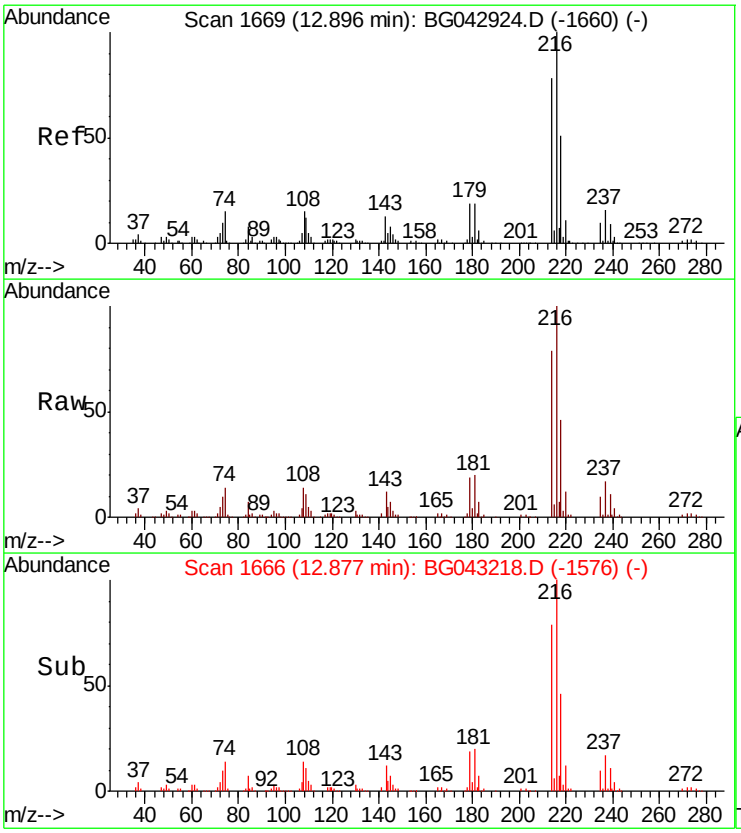
Tgt Ion:164 Resp: 137356

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.5	117.7
160	44.3	35.9	53.9



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

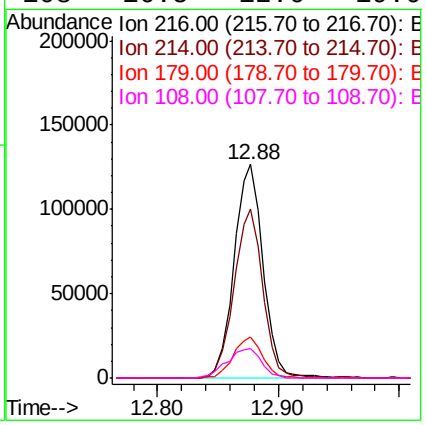
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

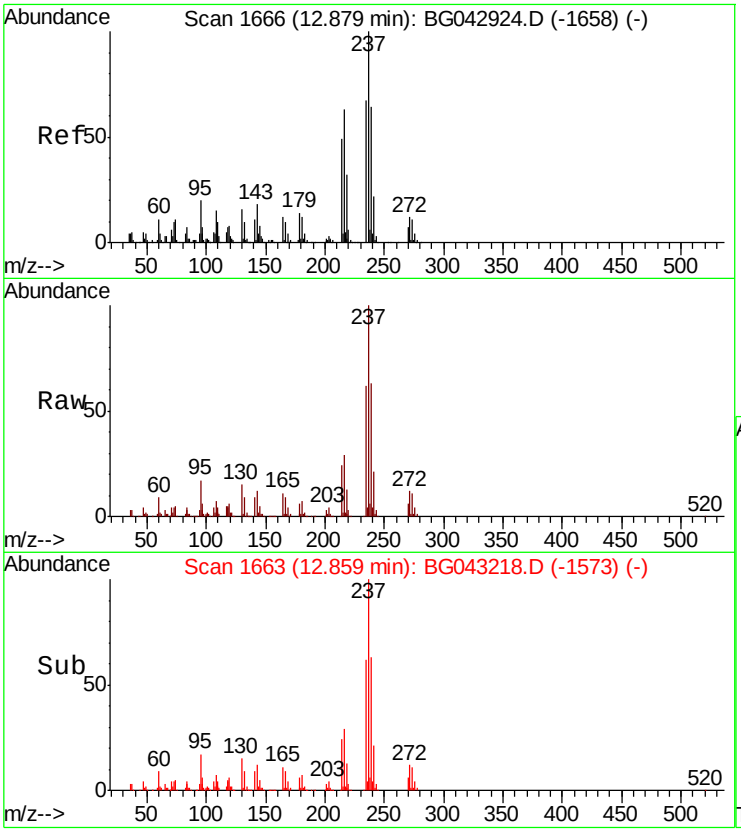


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.842 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:216 Resp: 210929

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	19.5	15.4	23.2
108	16.5	12.6	19.0

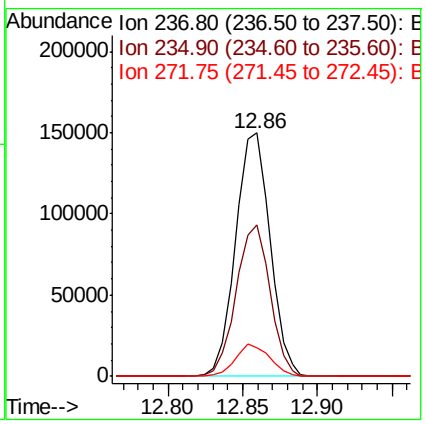




#41
Hexachlorocyclopentadiene
Concen: 73.176 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

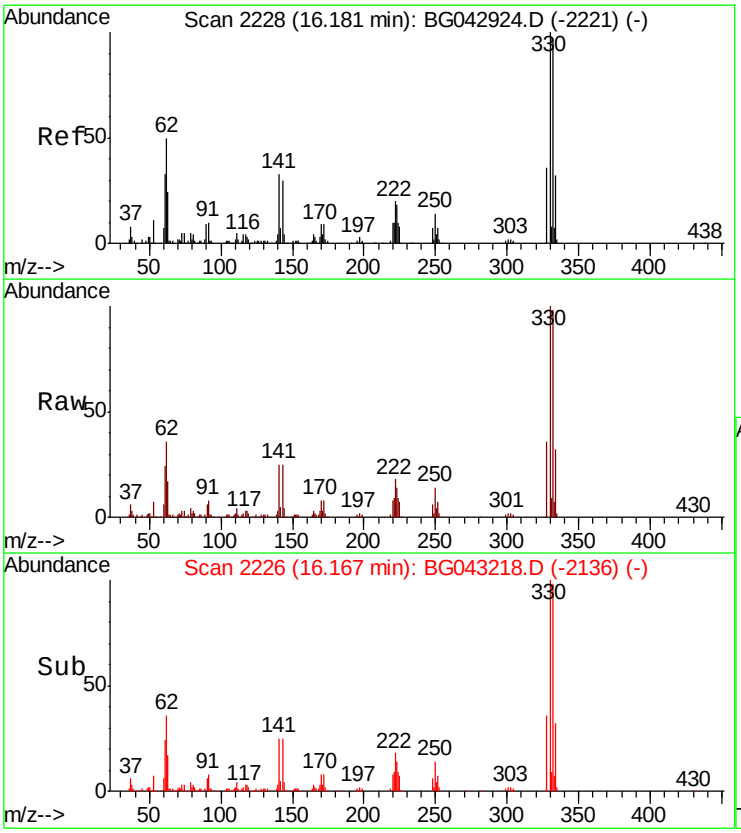
Tgt Ion:237 Resp: 240792

Ion	Ratio	Lower	Upper
237	100		
235	62.4	46.7	86.7
272	12.0	0.0	32.3



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

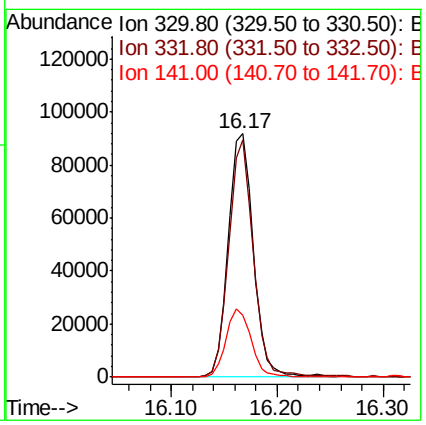
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

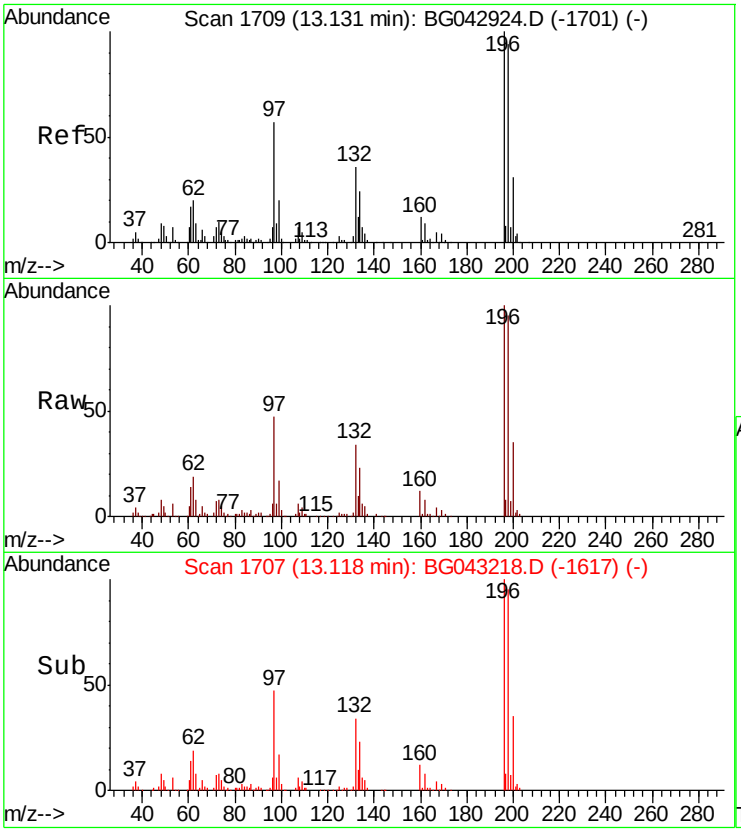


#42
2,4,6-Tribromophenol
Concen: 63.549 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:330 Resp: 150099

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.2
141	28.1	26.0	39.0

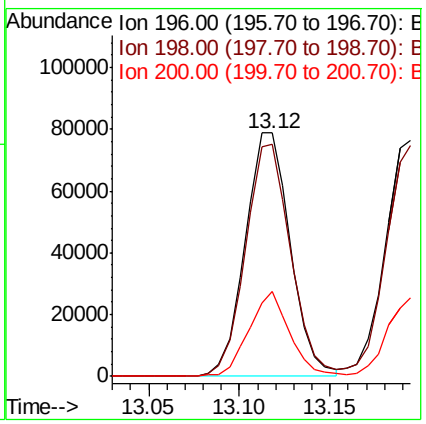




#43
2,4,6-Trichlorophenol
Concen: 45.023 ng
RT: 13.12 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

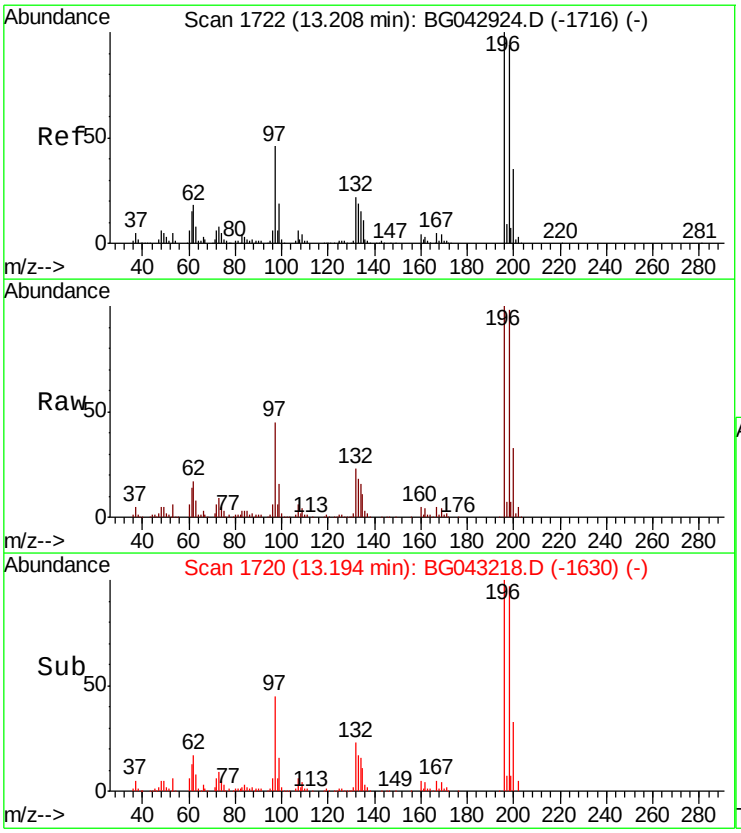
Tgt Ion:196 Resp: 136096

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.5	113.3
200	35.0	24.9	37.3



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

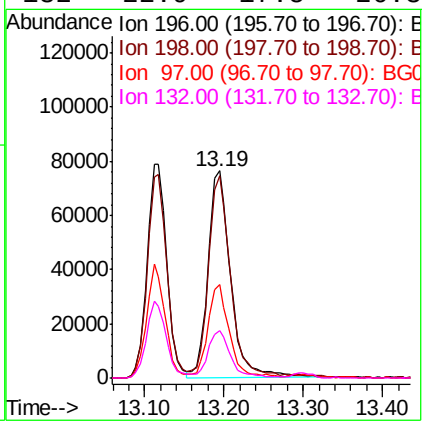
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

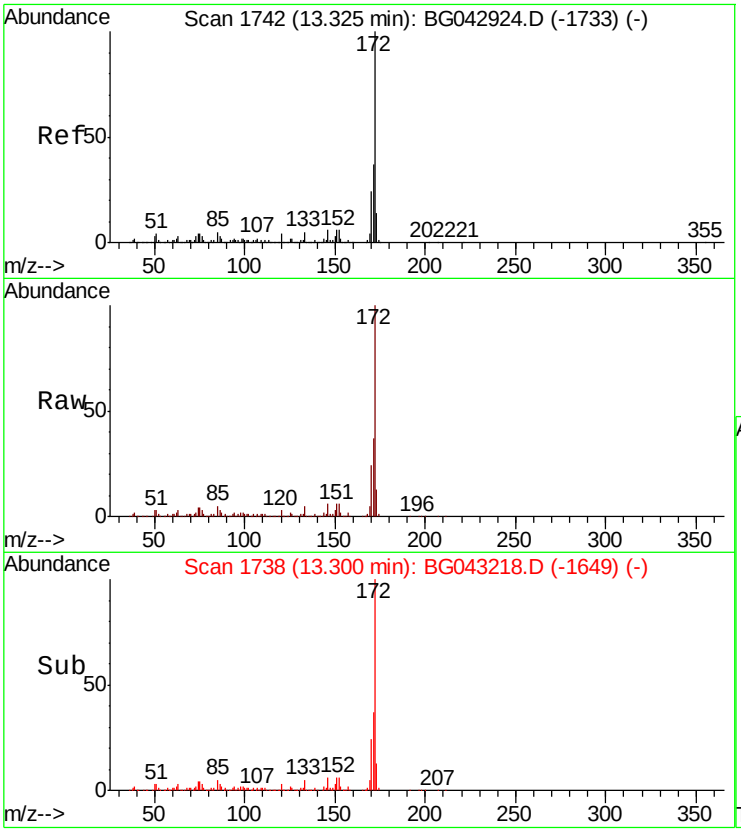


#44
2,4,5-Trichlorophenol
Concen: 48.477 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:196 Resp: 150955

Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.1	112.7
97	45.4	37.0	55.4
132	22.9	17.5	26.3

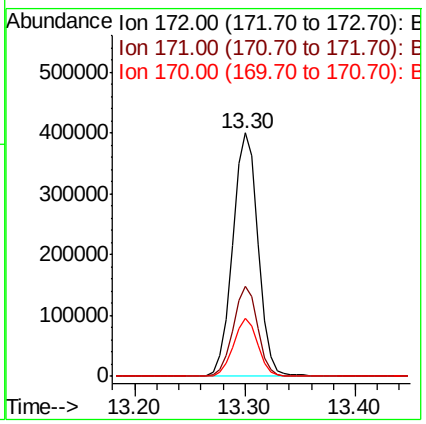




#45
2-Fluorobiphenyl
Concen: 68.006 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

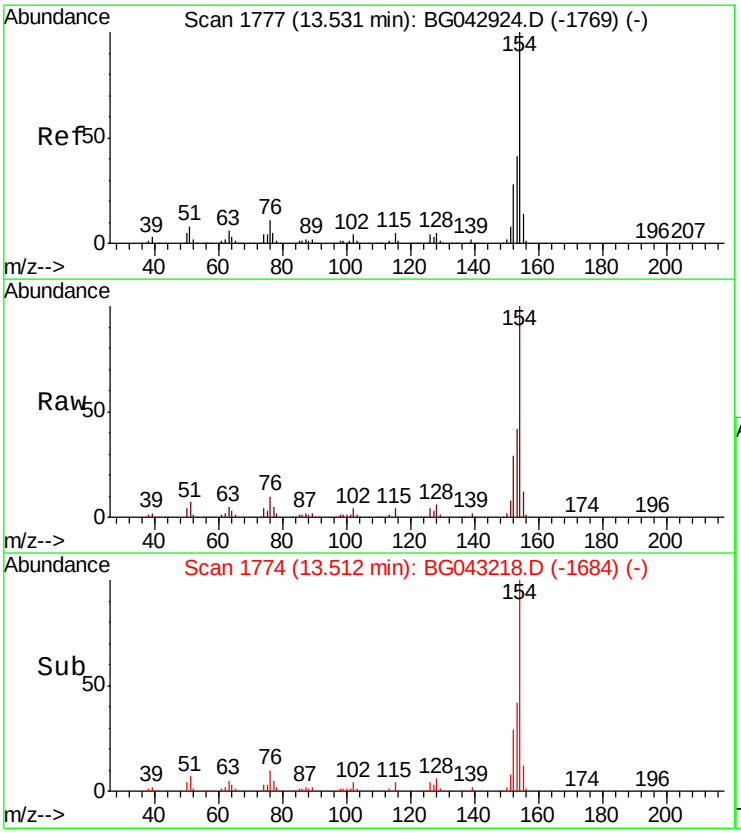
Tgt Ion:172 Resp: 644340

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.6	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

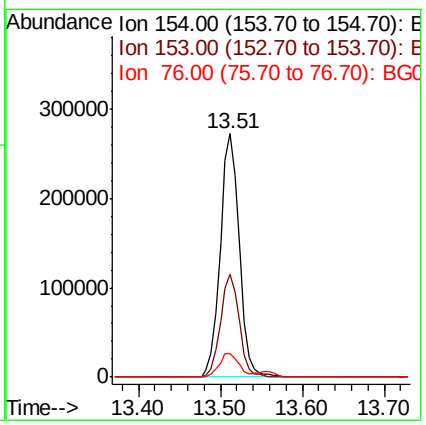
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

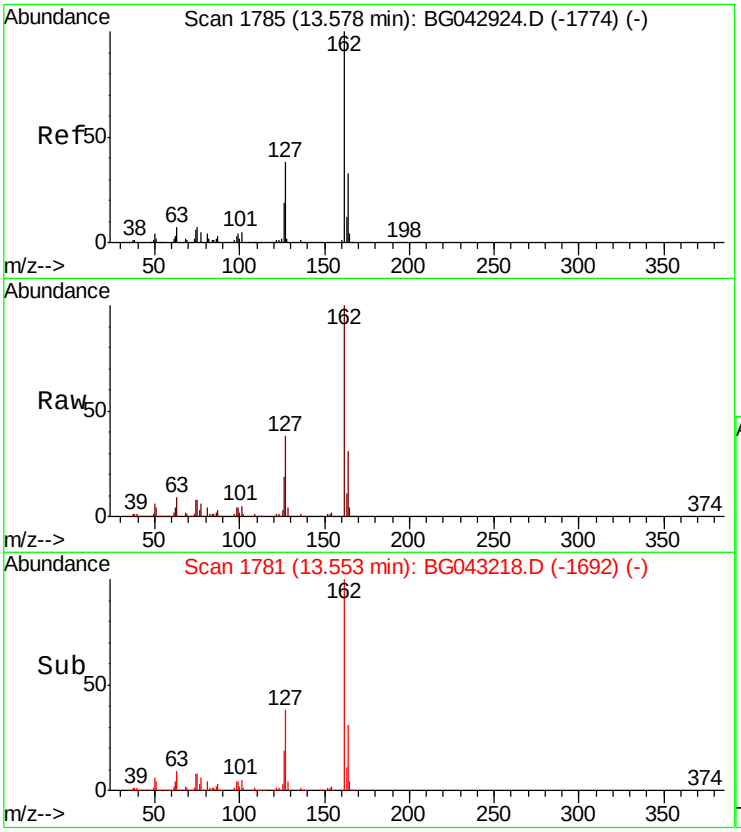


#46
1,1'-Biphenyl
Concen: 42.307 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:154 Resp: 440680

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	9.8	0.0	31.3

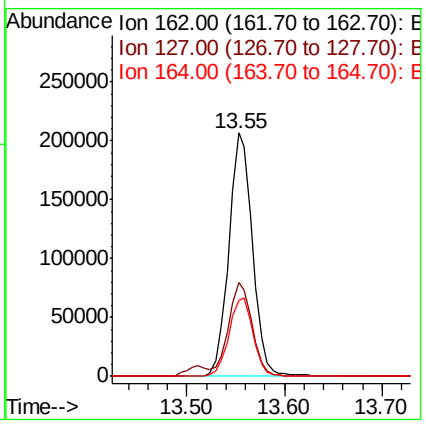




#47
2-Chloronaphthalene
Concen: 44.249 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

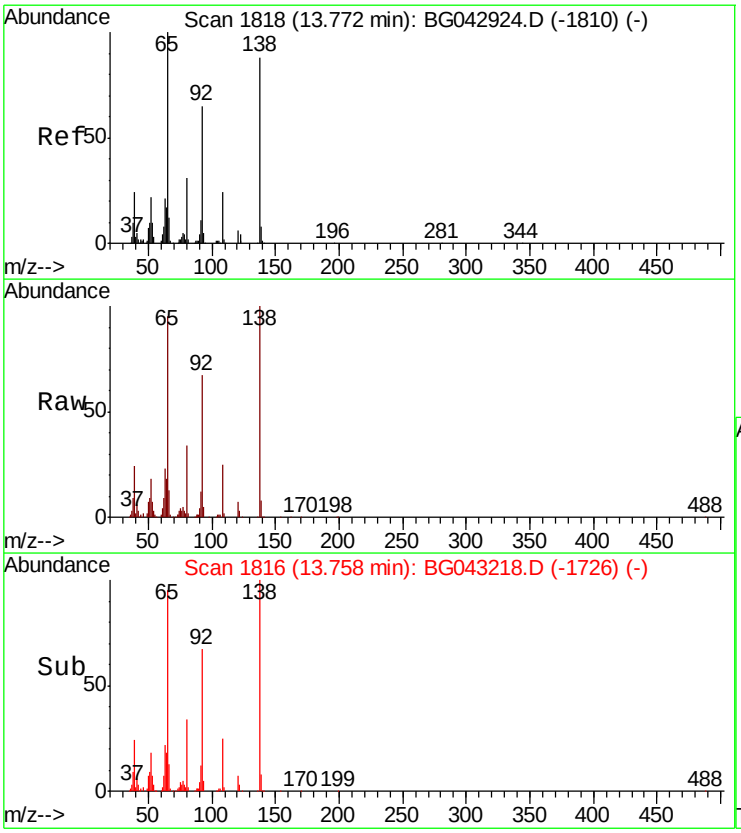
Tgt Ion:162 Resp: 345564

Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	31.4	26.2	39.2



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

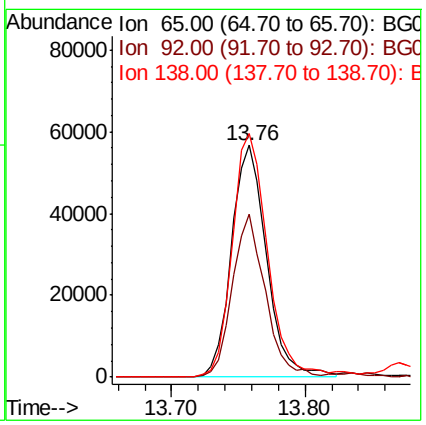
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

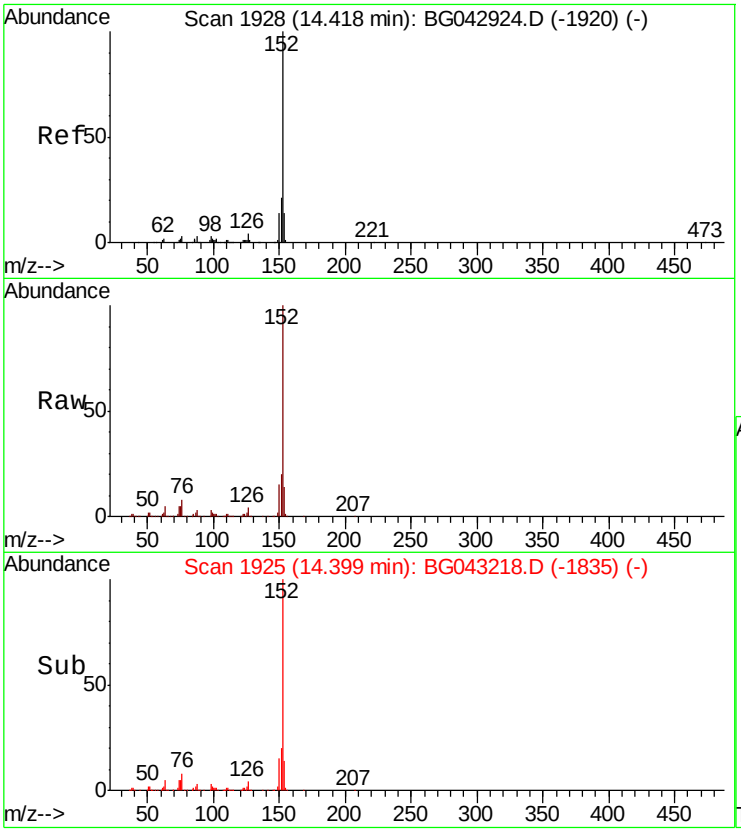


#48
2-Nitroaniline
Concen: 39.867 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion: 65 Resp: 103536

Ion	Ratio	Lower	Upper
65	100		
92	70.3	52.0	78.0
138	105.1	70.4	105.6

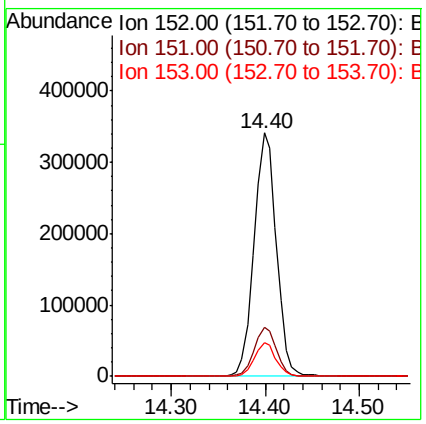




#49
Acenaphthylene
Concen: 46.940 ng
RT: 14.40 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

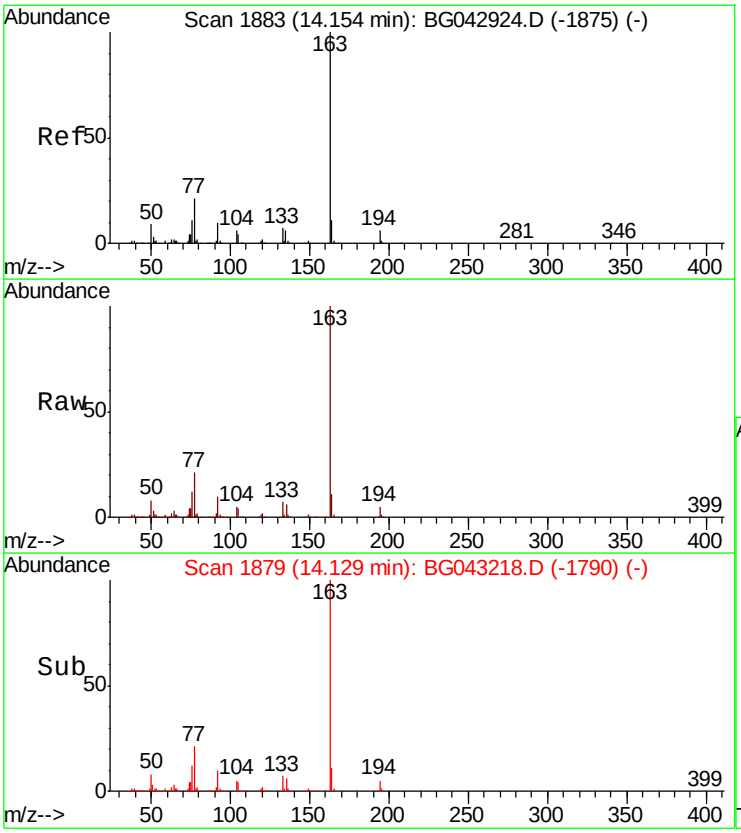
Tgt Ion:152 Resp: 560928

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.7	11.3	16.9



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

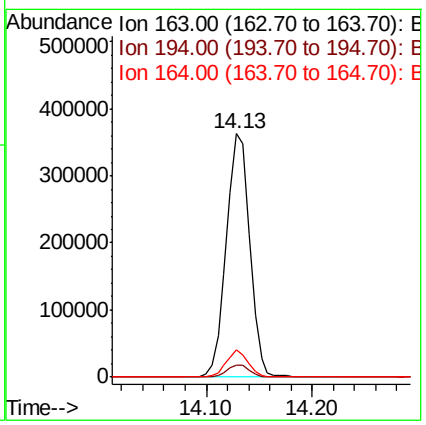
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

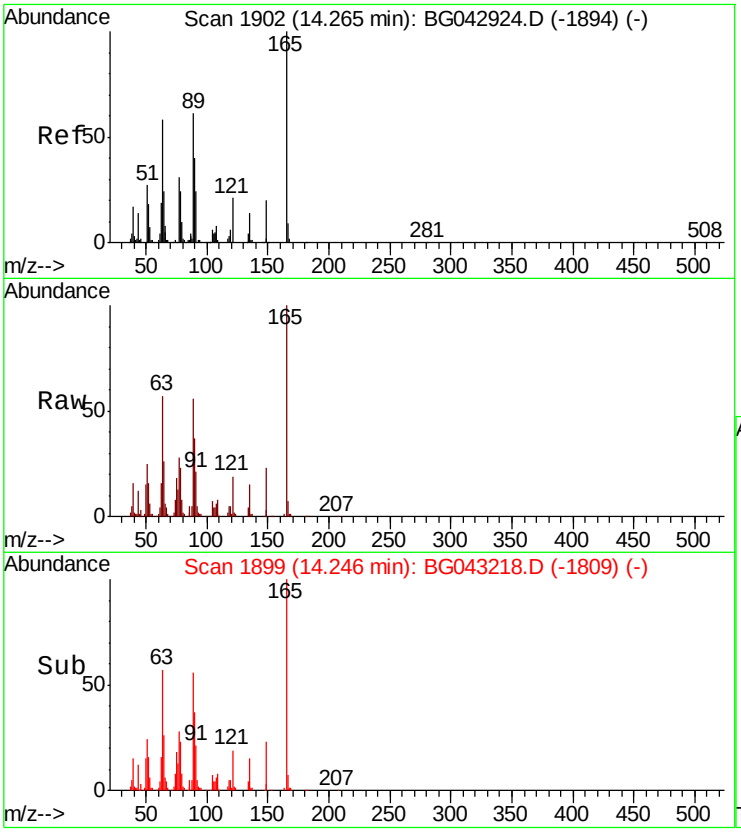


#50
Dimethylphthalate
Concen: 53.901 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:163 Resp: 554724

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.4	6.6
164	11.1	8.6	12.8





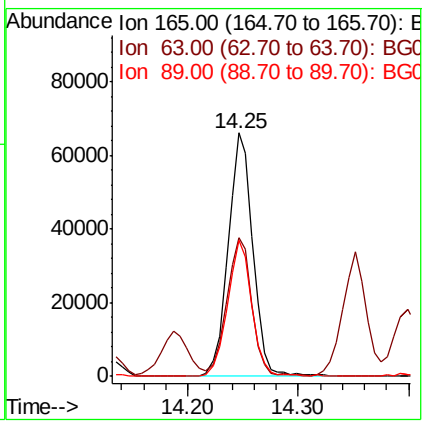
#51
2,6-Dinitrotoluene
Concen: 47.021 ng
RT: 14.25 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

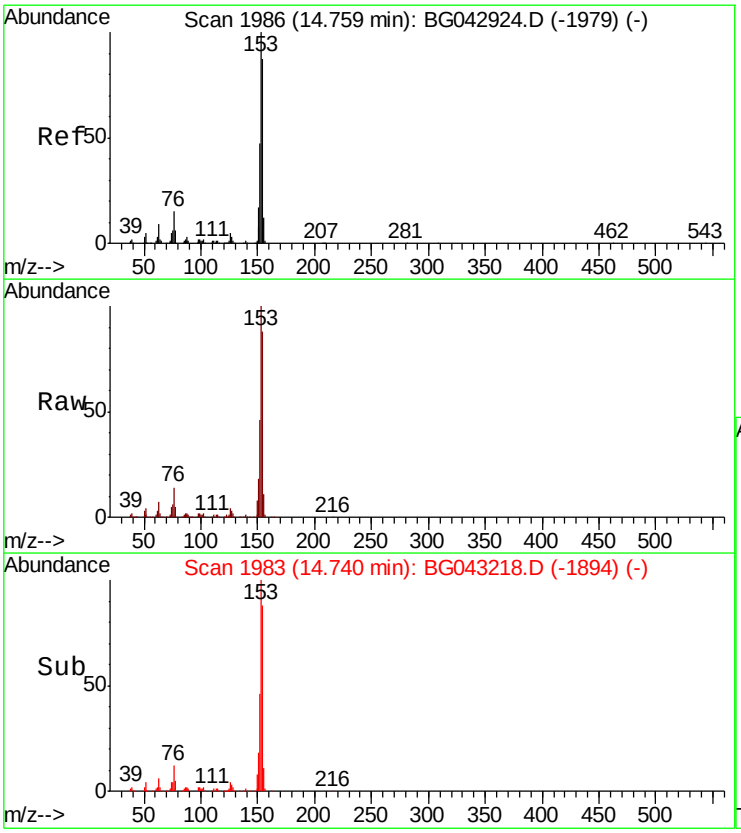
Tgt Ion:165 Resp: 103054

Ion	Ratio	Lower	Upper
165	100		
63	57.2	50.3	75.5
89	55.8	48.9	73.3

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

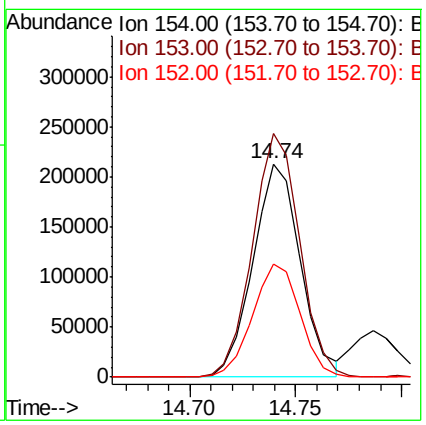


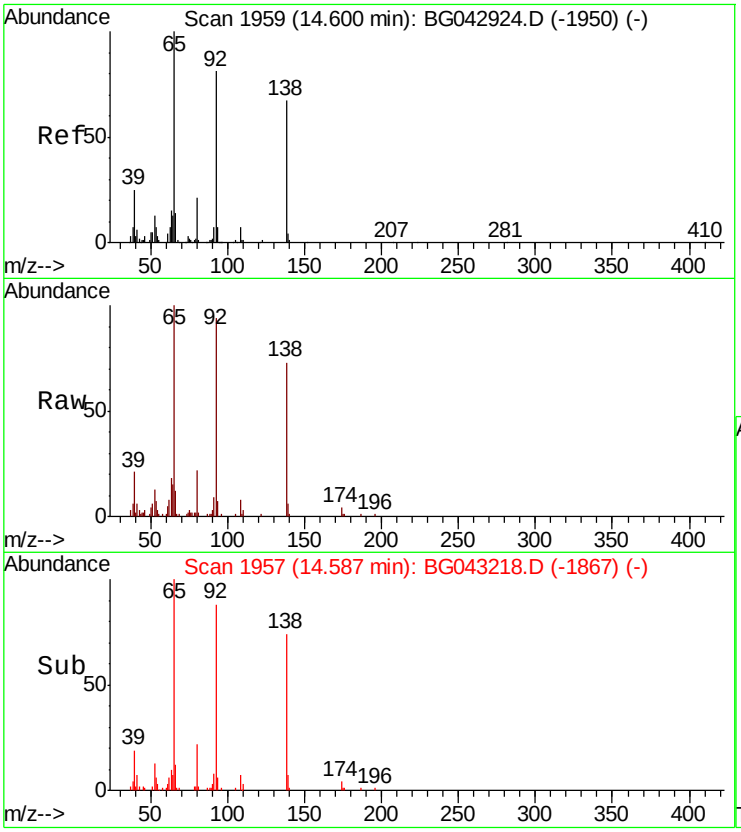


#52
Acenaphthene
Concen: 41.713 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:154 Resp: 333644

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.4	137.0
152	53.0	42.8	64.2





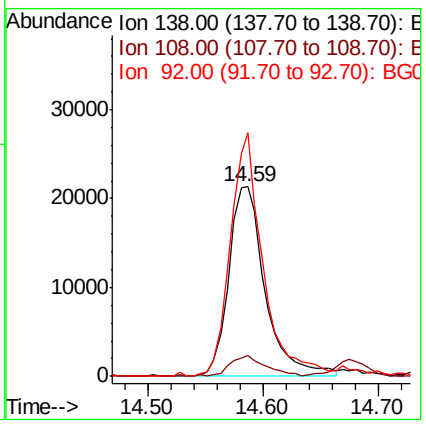
#53
3-Nitroaniline
Concen: 20.554 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

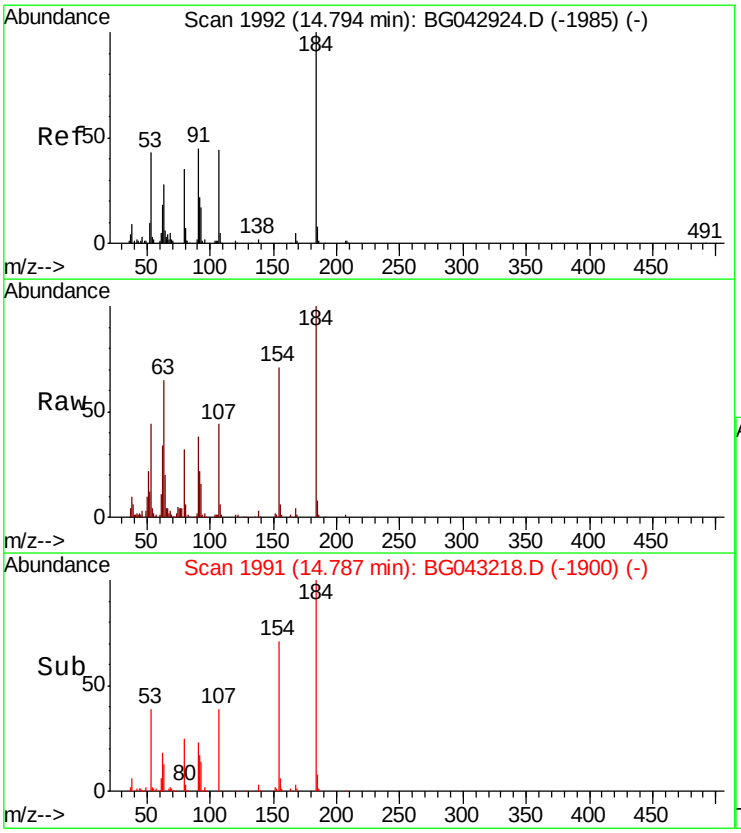
Tgt Ion:138 Resp: 46555

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.9	11.9
92	128.5	97.0	145.6

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

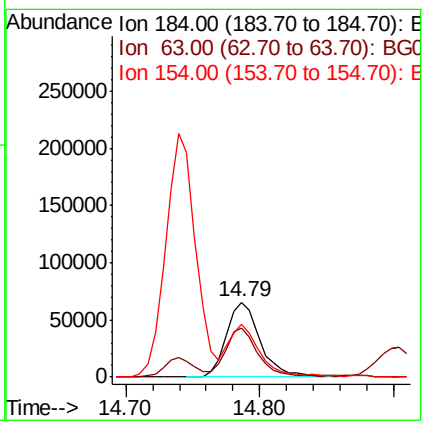


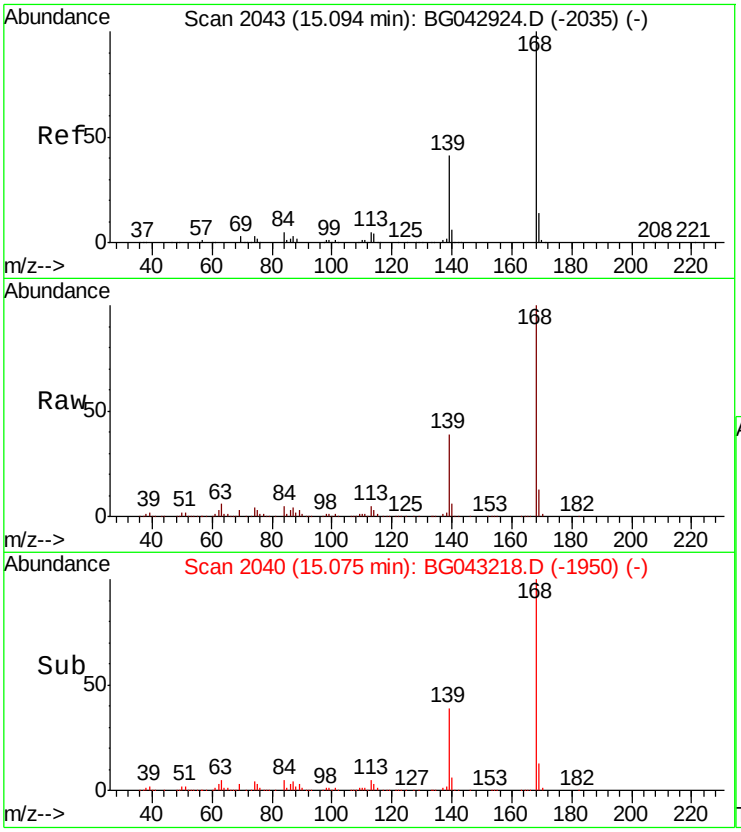


#54
2,4-Dinitrophenol
Concen: 85.780 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:184 Resp: 116858

Ion	Ratio	Lower	Upper
184	100		
63	65.4	55.0	82.6
154	70.9	56.5	84.7

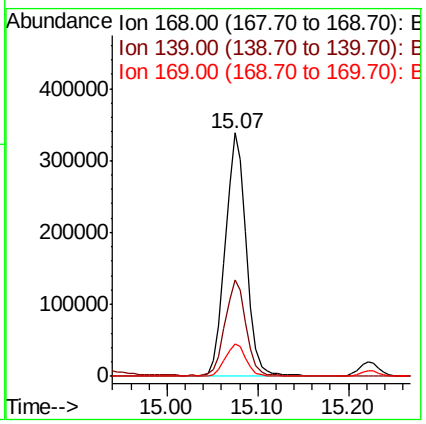




#55
Dibenzofuran
Concen: 45.818 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

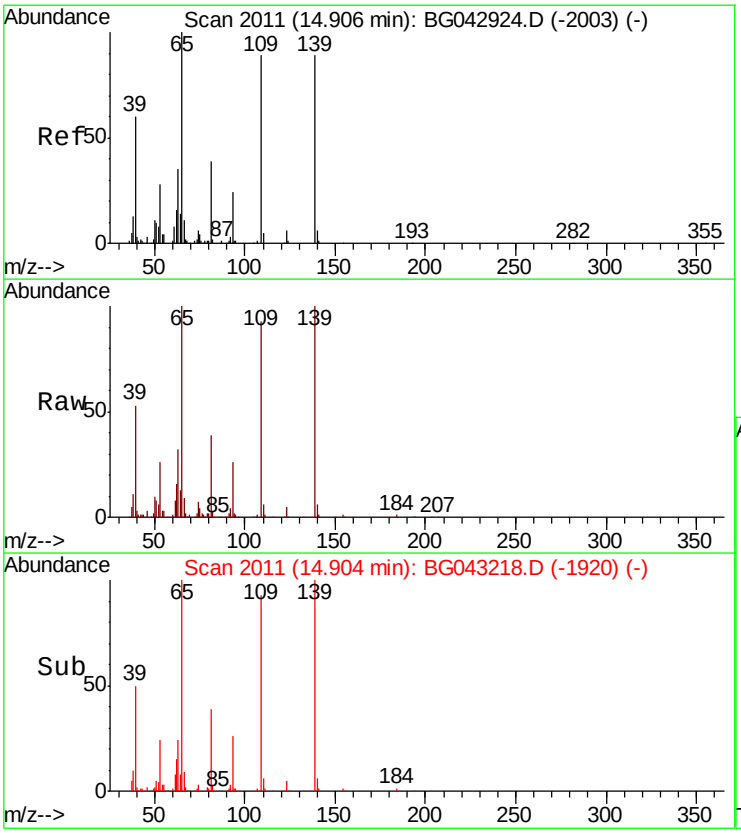
Tgt Ion:168 Resp: 542126

Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.6	48.8
169	13.5	11.2	16.8



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

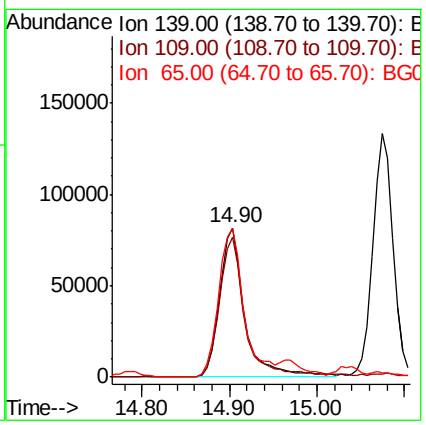
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

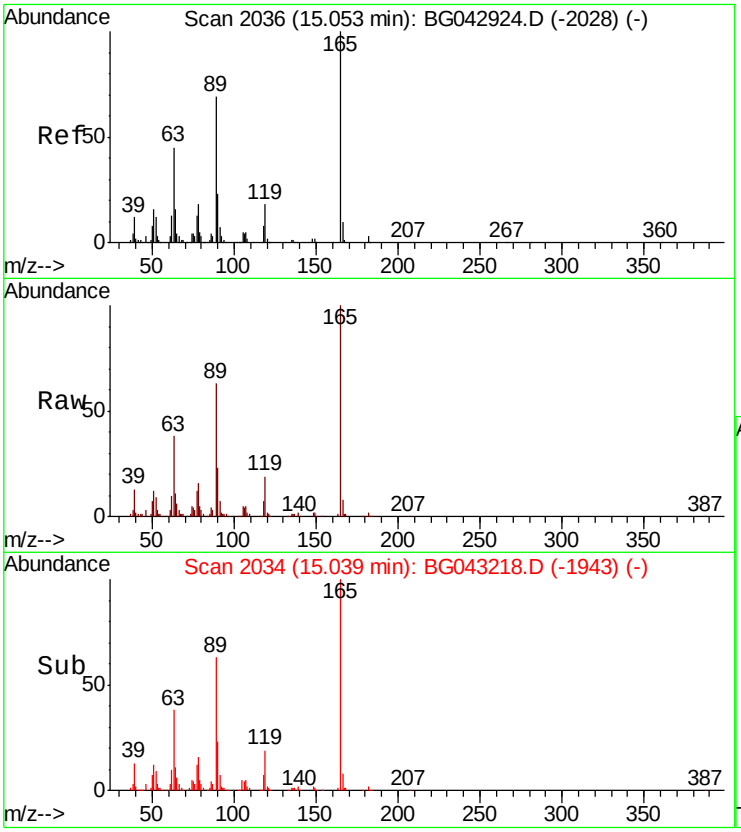


#56
4-Nitrophenol
Concen: 94.847 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:139 Resp: 163684

Ion	Ratio	Lower	Upper
139	100		
109	93.2	79.4	119.4
65	99.9	92.5	132.5

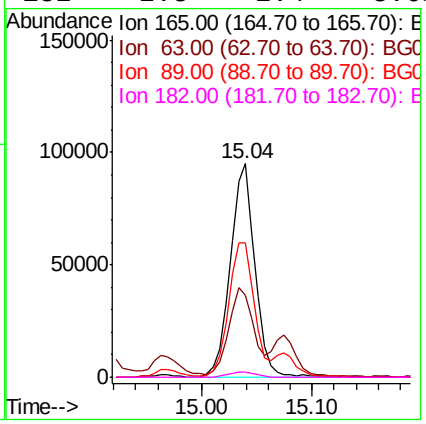




#57
2,4-Dinitrotoluene
Concen: 46.296 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

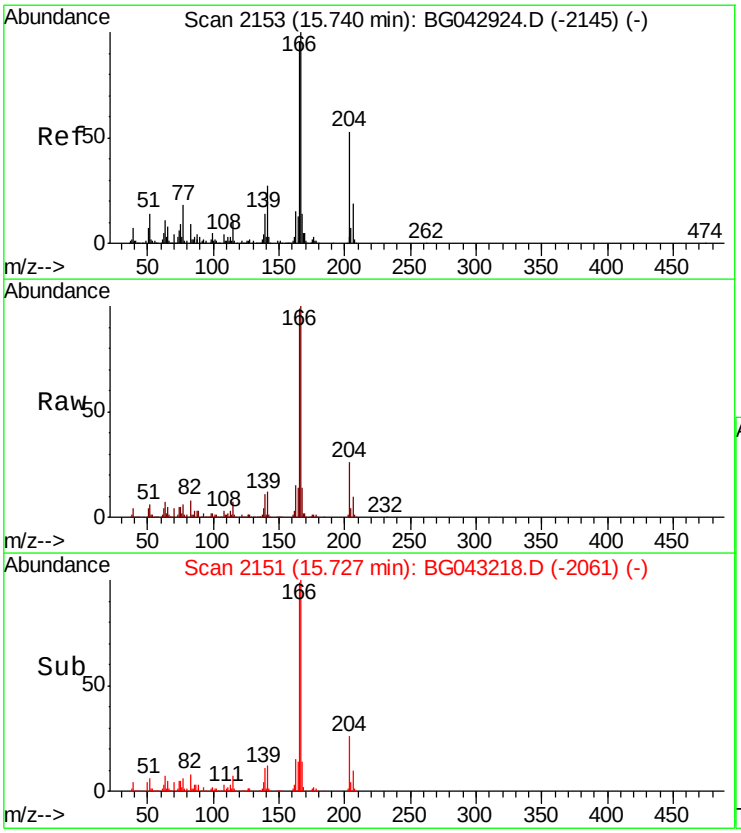
Tgt Ion:165 Resp: 148585

Ion	Ratio	Lower	Upper
165	100		
63	38.4	36.5	54.7
89	63.2	55.5	83.3
182	2.3	2.4	3.6#



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

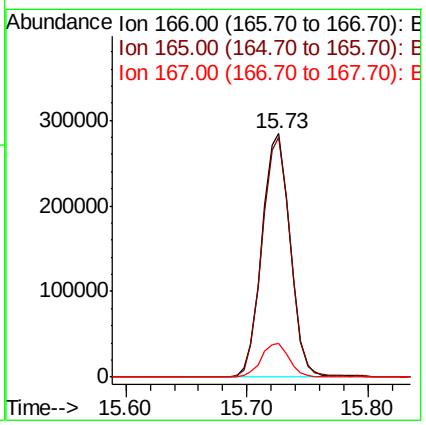
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

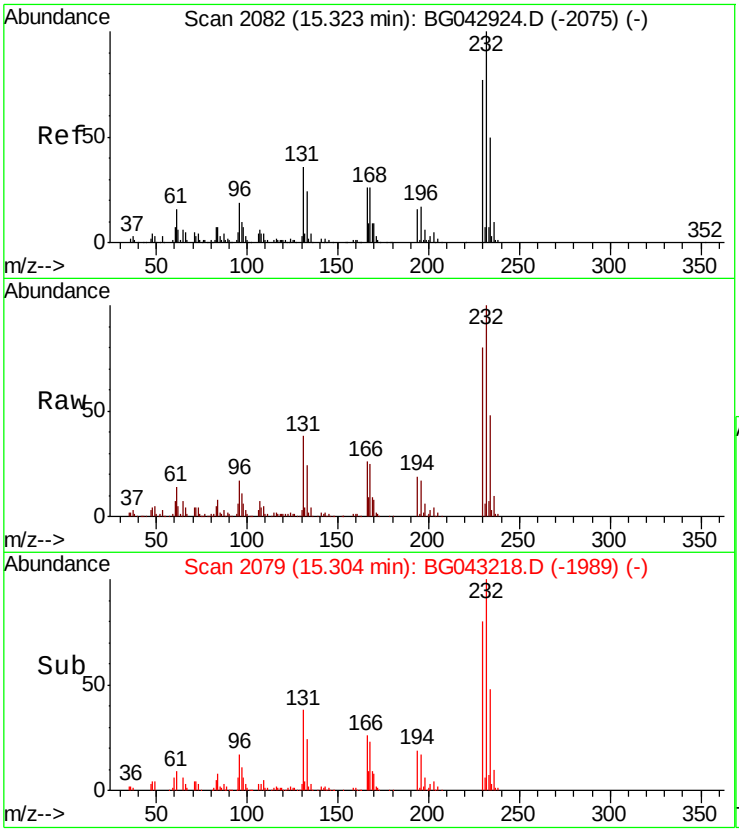


#58
Fluorene
Concen: 45.263 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:166 Resp: 457239

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.1	115.7
167	13.8	11.0	16.6

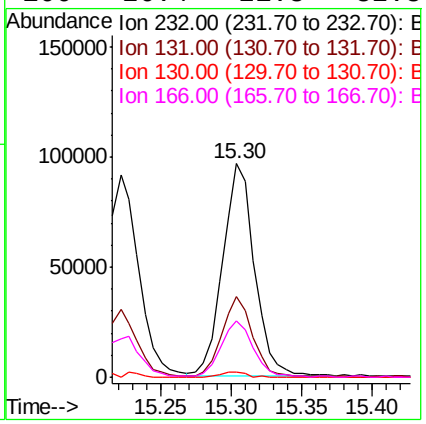




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.526 ng
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

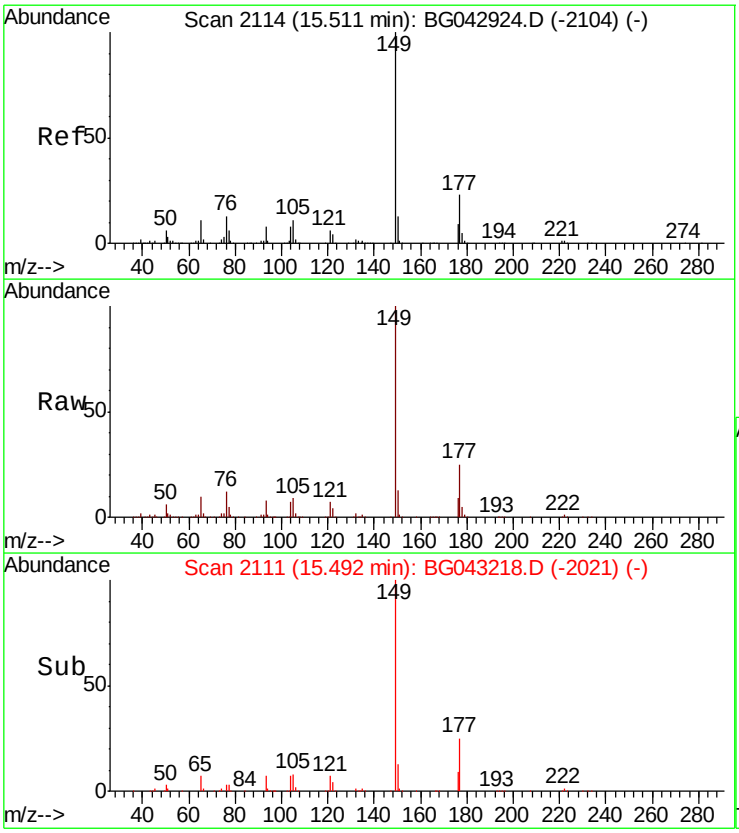
Tgt Ion:232 Resp: 150945

Ion	Ratio	Lower	Upper
232	100		
131	35.8	29.6	44.4
130	2.1	1.9	2.9
166	26.4	21.8	32.8



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

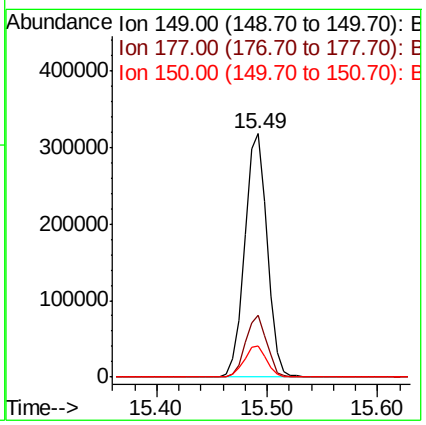
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

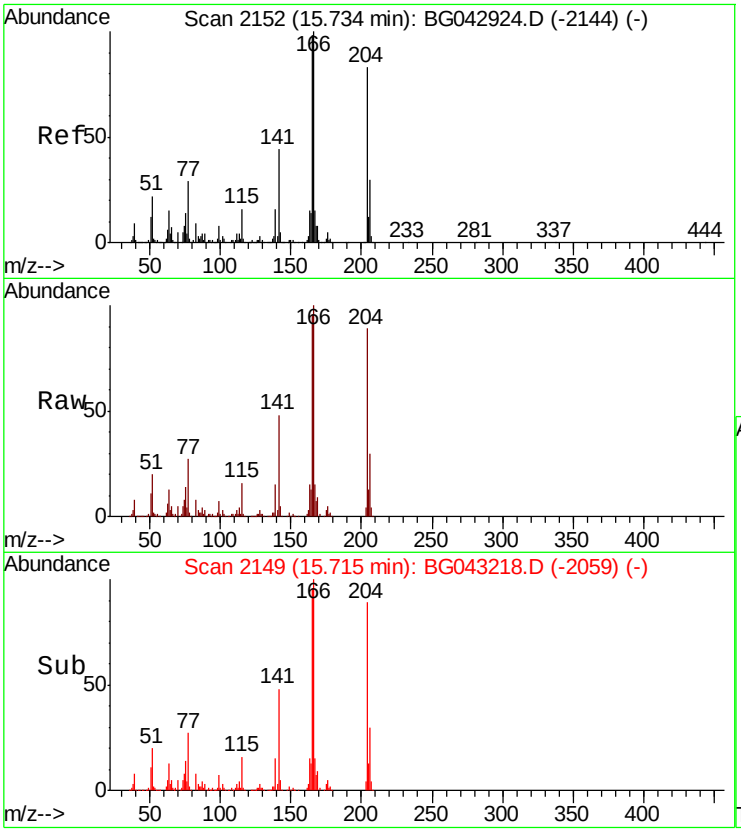


#60
Diethylphthalate
Concen: 43.381 ng
RT: 15.49 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:149 Resp: 454360

Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.8	28.2
150	13.0	10.6	15.8





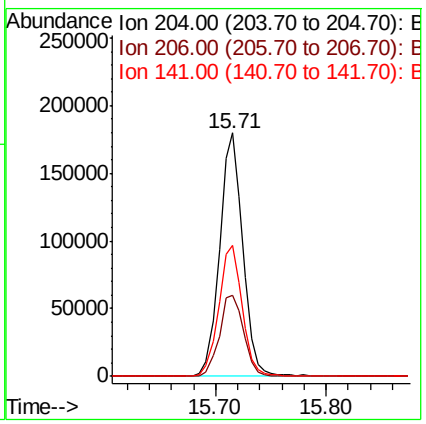
#61
4-Chlorophenyl-phenylether
Concen: 43.388 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

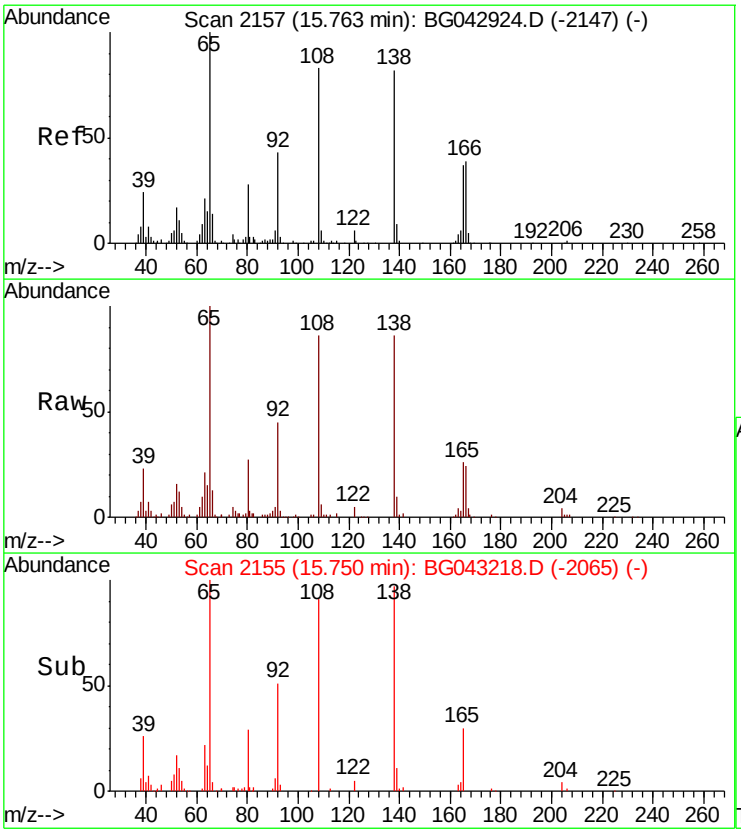
Tgt Ion:204 Resp: 262866

Ion	Ratio	Lower	Upper
204	100		
206	33.4	28.5	42.7
141	53.7	42.4	63.6

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

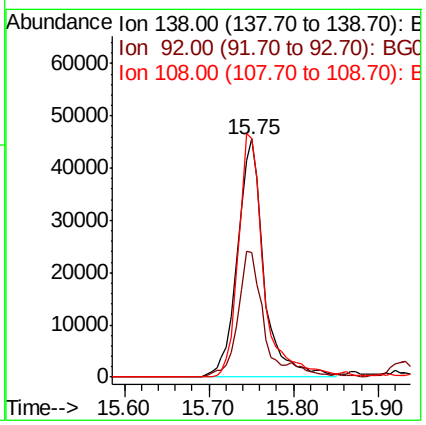


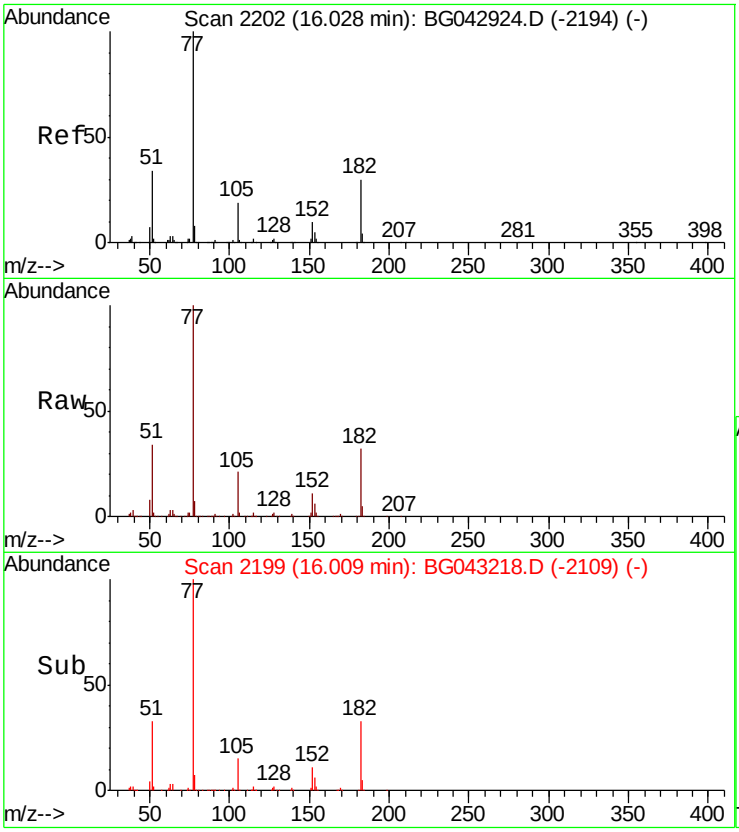


#62
4-Nitroaniline
Concen: 39.750 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:138 Resp: 98191

Ion	Ratio	Lower	Upper
138	100		
92	52.2	32.9	72.9
108	100.0	81.3	121.3

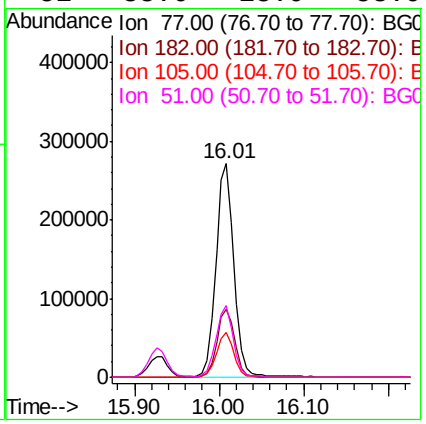




#63
Azobenzene
Concen: 42.035 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

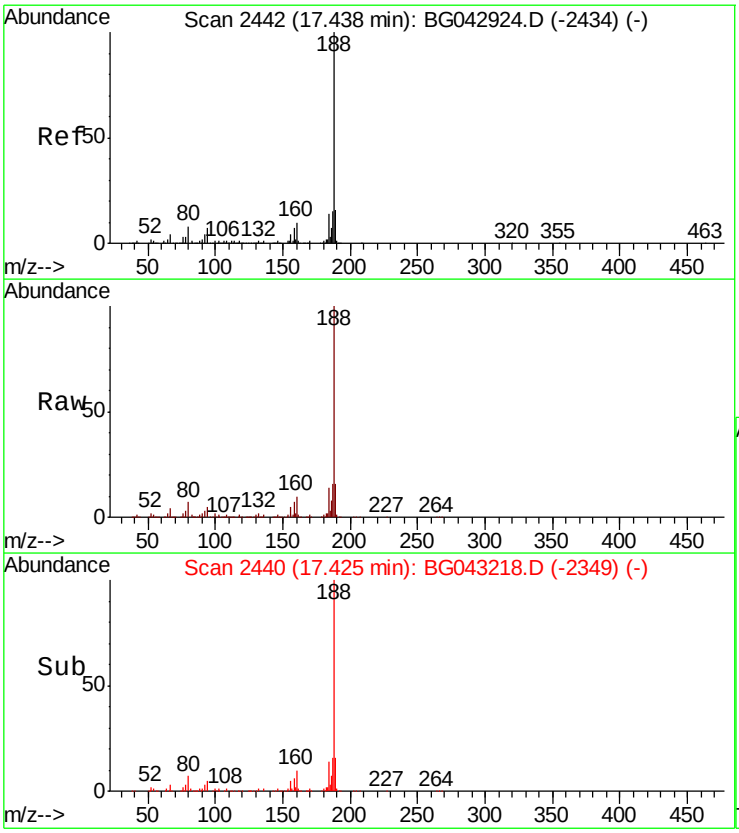
Tgt Ion: 77 Resp: 400830

Ion	Ratio	Lower	Upper
77	100		
182	32.0	10.2	50.2
105	20.9	0.0	39.1
51	33.6	13.9	53.9



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

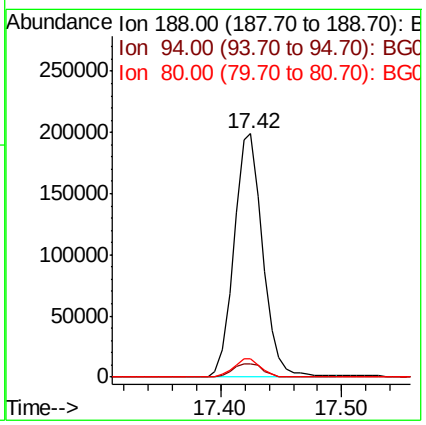
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

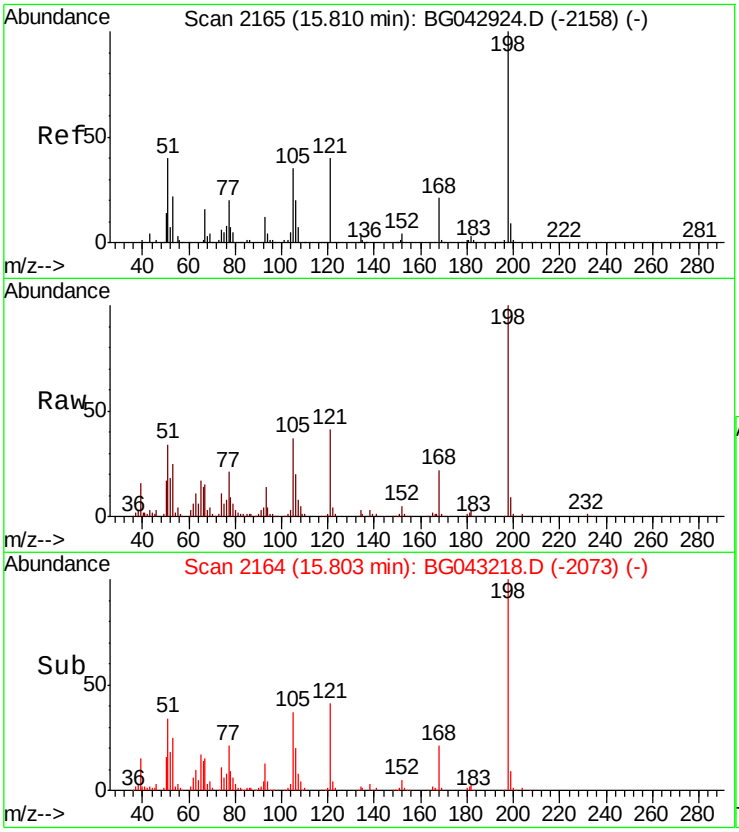


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:188 Resp: 329008

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	7.3	6.5	9.7





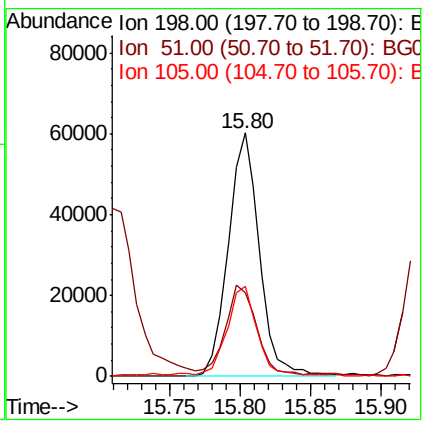
#65
4,6-Dinitro-2-methylphenol
Concen: 49.410 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

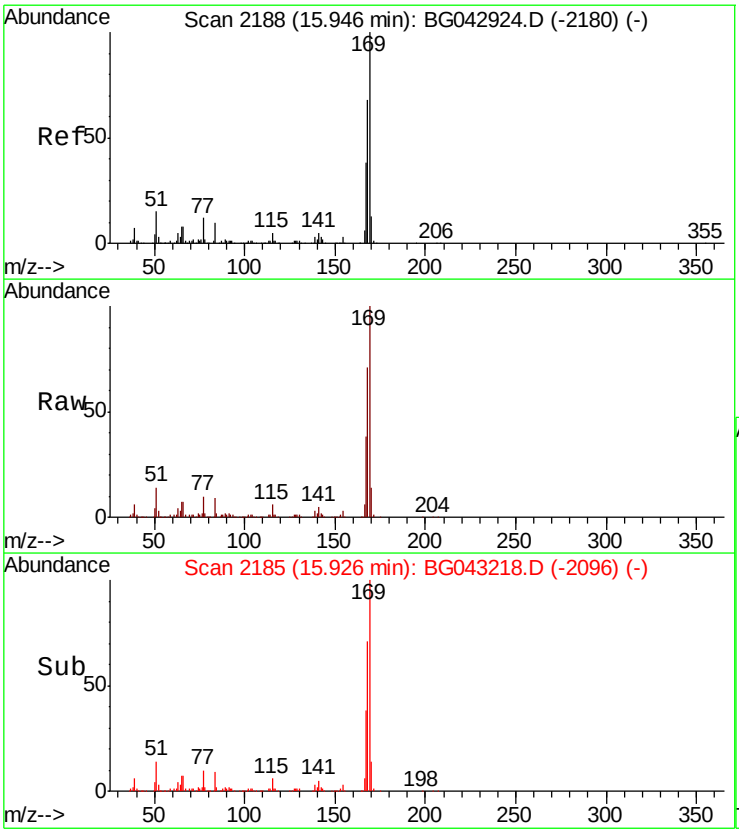
Tgt Ion:198 Resp: 91989

Ion	Ratio	Lower	Upper
198	100		
51	34.4	25.3	65.3
105	37.0	16.6	56.6

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

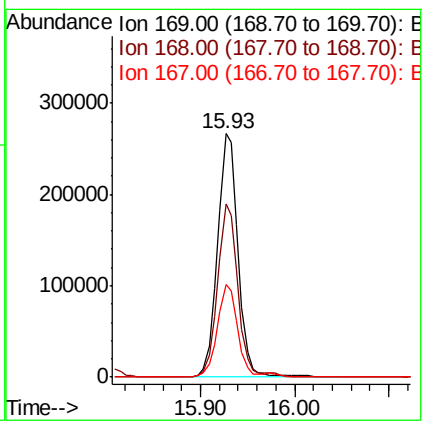


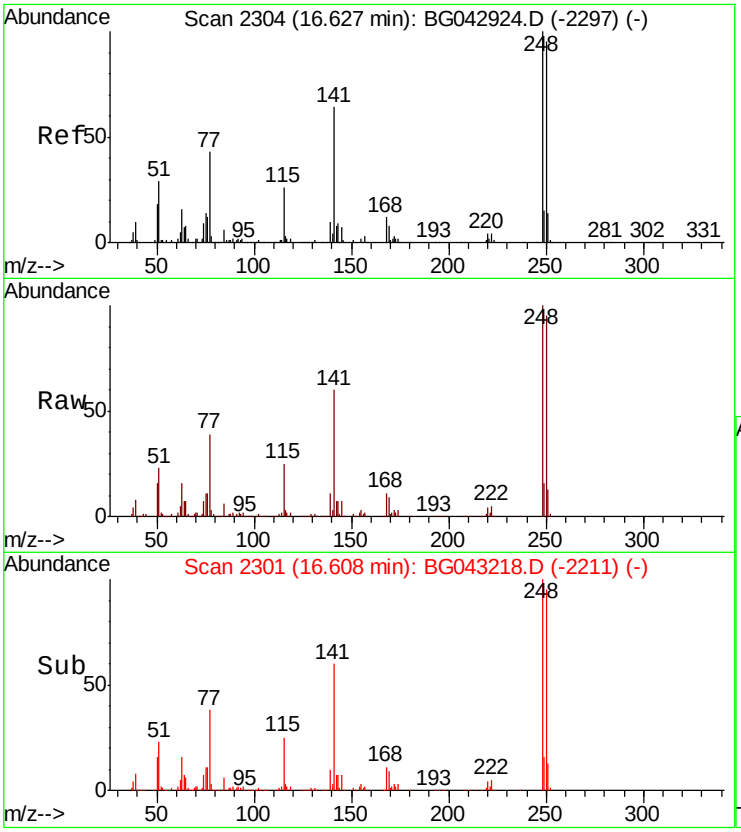


#66
n-Nitrosodiphenylamine
Concen: 46.849 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:169 Resp: 406898

Ion	Ratio	Lower	Upper
169	100		
168	71.1	54.8	82.2
167	38.0	30.6	46.0

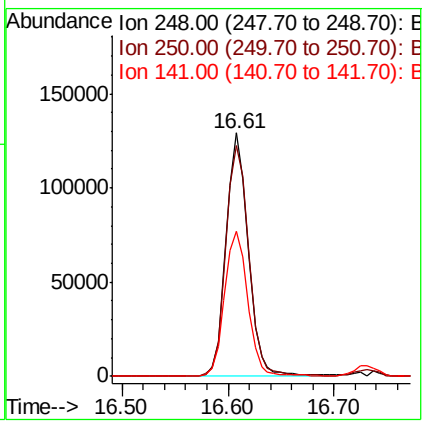




#67
4-Bromophenyl-phenylether
Concen: 45.296 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

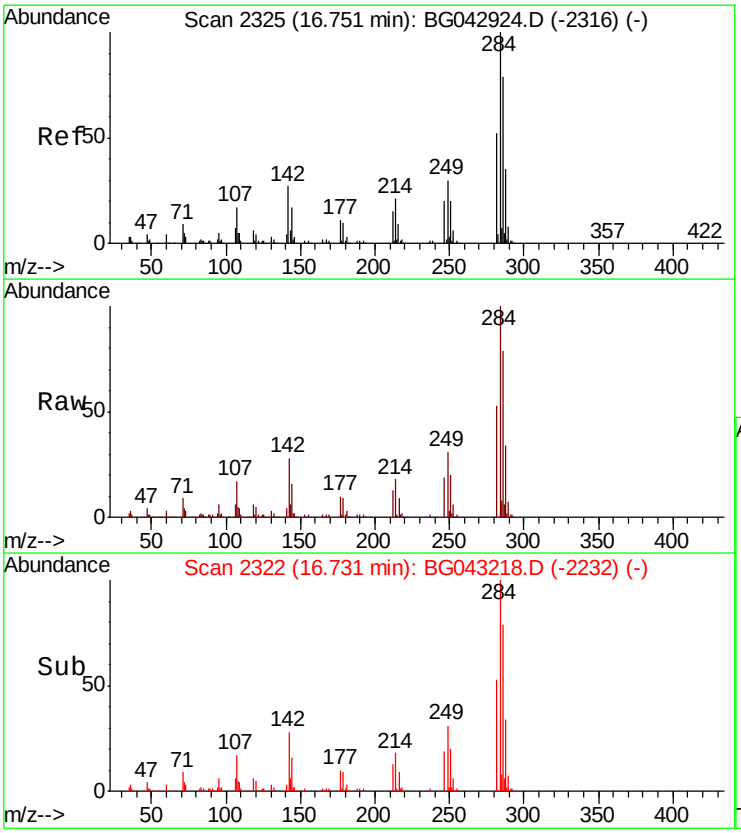
Tgt Ion:248 Resp: 187044

Ion	Ratio	Lower	Upper
248	100		
250	94.6	75.8	113.8
141	59.7	51.1	76.7



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

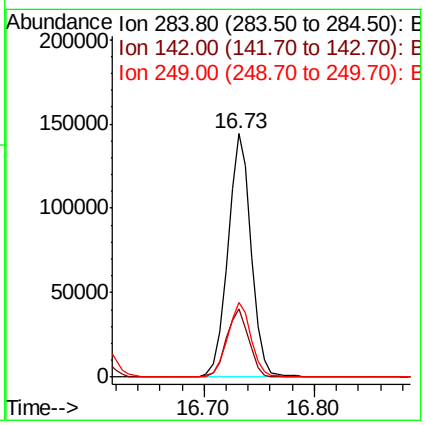
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

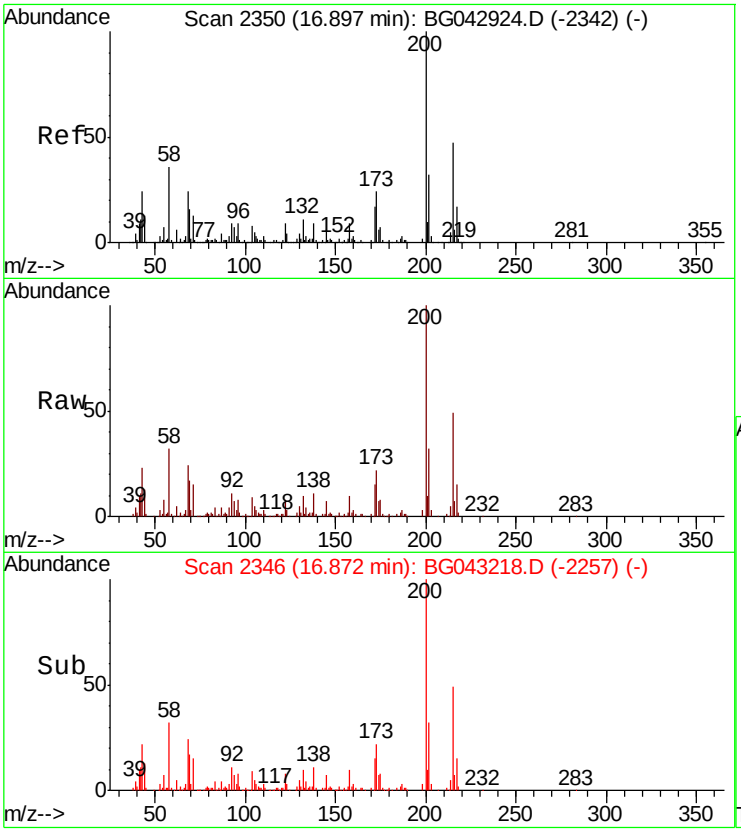


#68
Hexachlorobenzene
Concen: 46.132 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:284 Resp: 212107

Ion	Ratio	Lower	Upper
284	100		
142	28.0	21.6	32.4
249	30.9	24.1	36.1

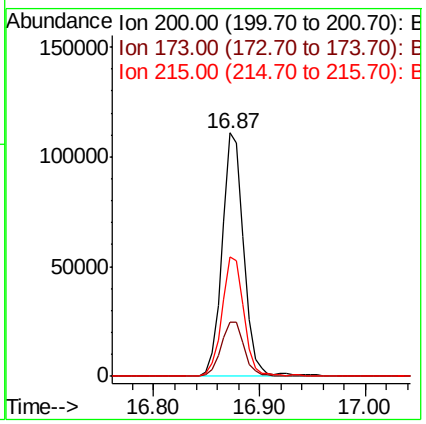




#69
Atrazine
Concen: 42.828 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

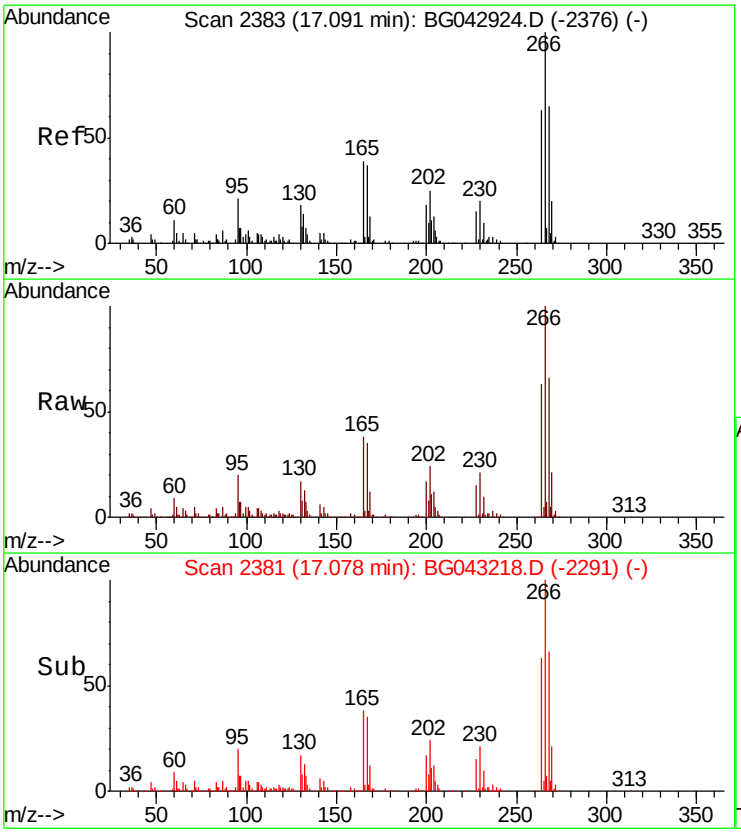
Tgt Ion:200 Resp: 156638

Ion	Ratio	Lower	Upper
200	100		
173	22.0	4.0	44.0
215	49.2	27.4	67.4



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

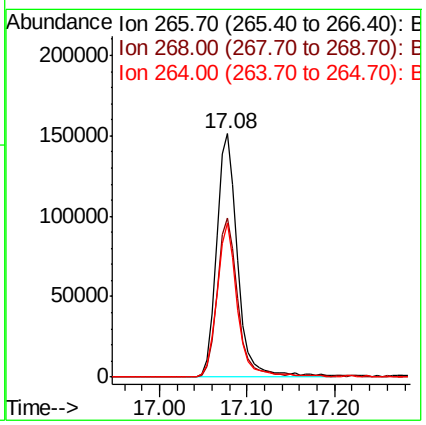
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

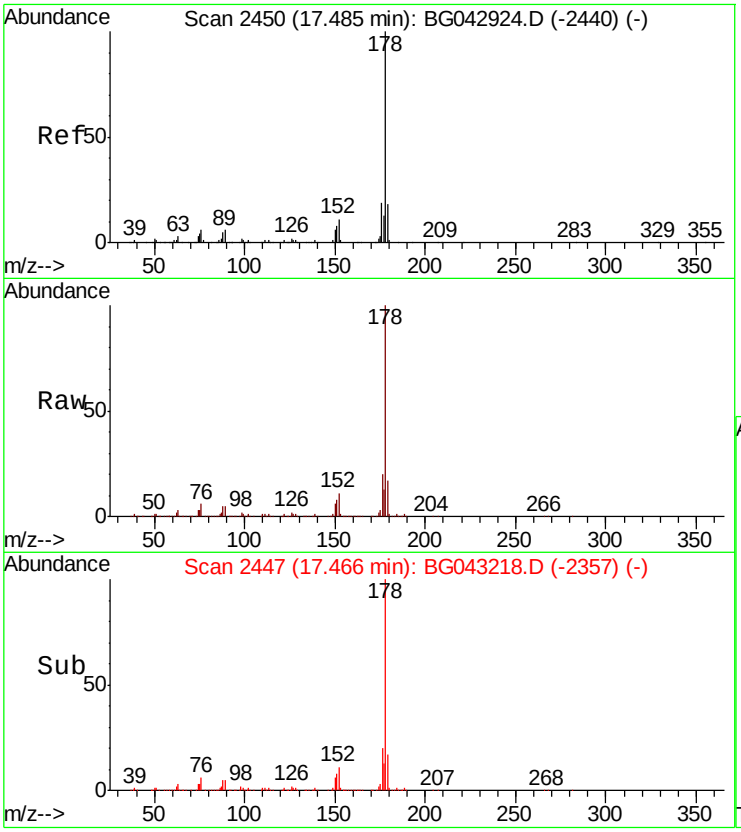


#70
Pentachlorophenol
Concen: 95.250 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:266 Resp: 252701

Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.2	78.2
264	63.2	50.7	76.1

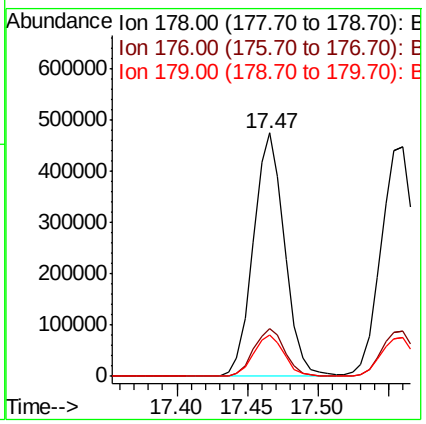




#71
Phenanthrene
Concen: 45.971 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

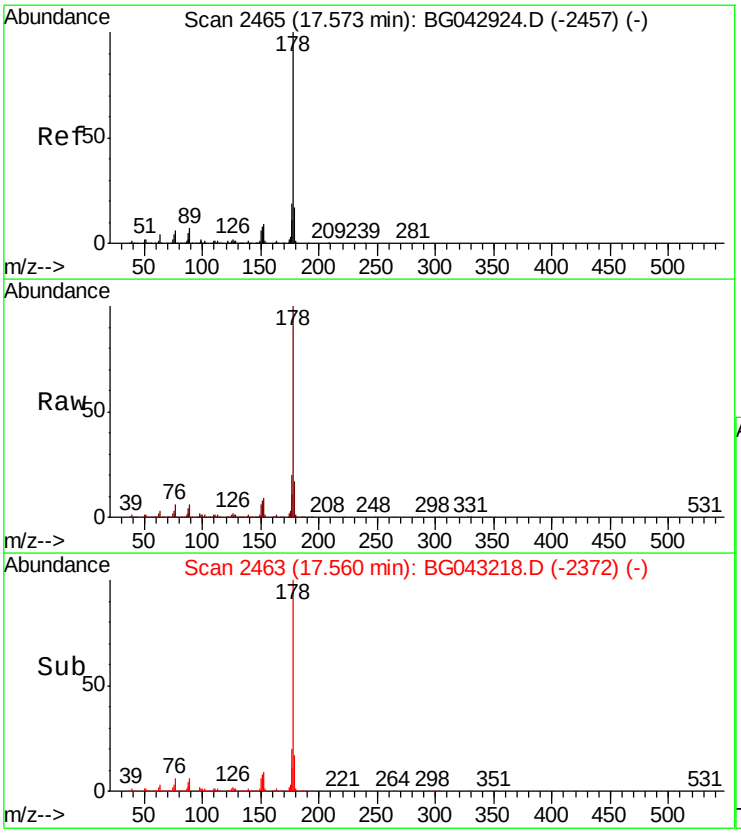
Tgt Ion:178 Resp: 738392

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	17.1	14.1	21.1



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

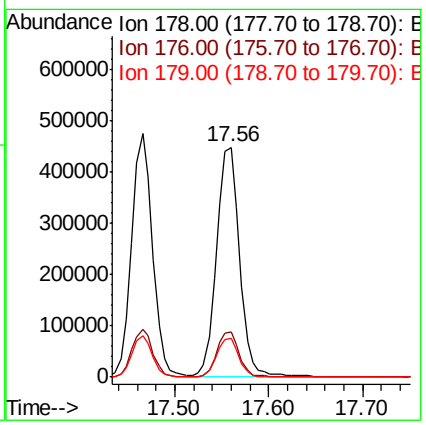
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

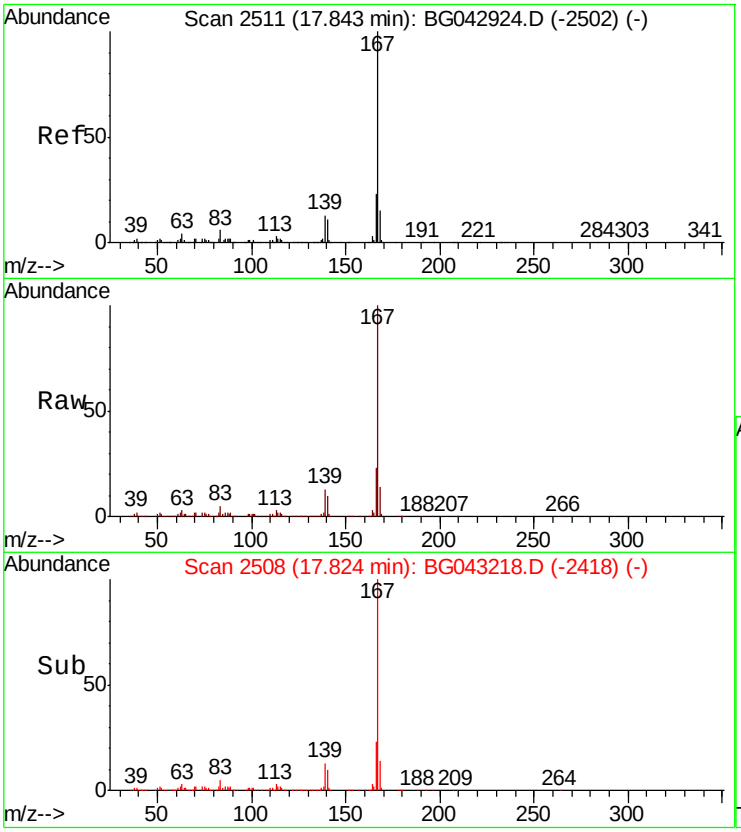


#72
Anthracene
Concen: 47.801 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:178 Resp: 766498

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.8	13.5	20.3

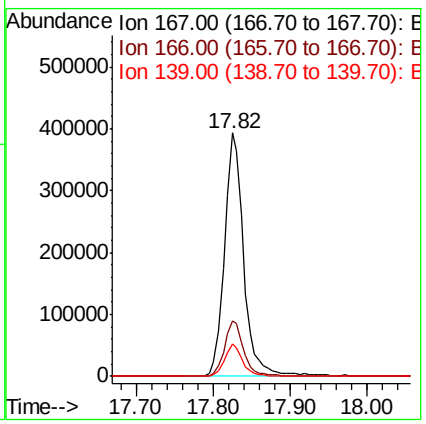




#73
Carbazole
Concen: 45.996 ng
RT: 17.82 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

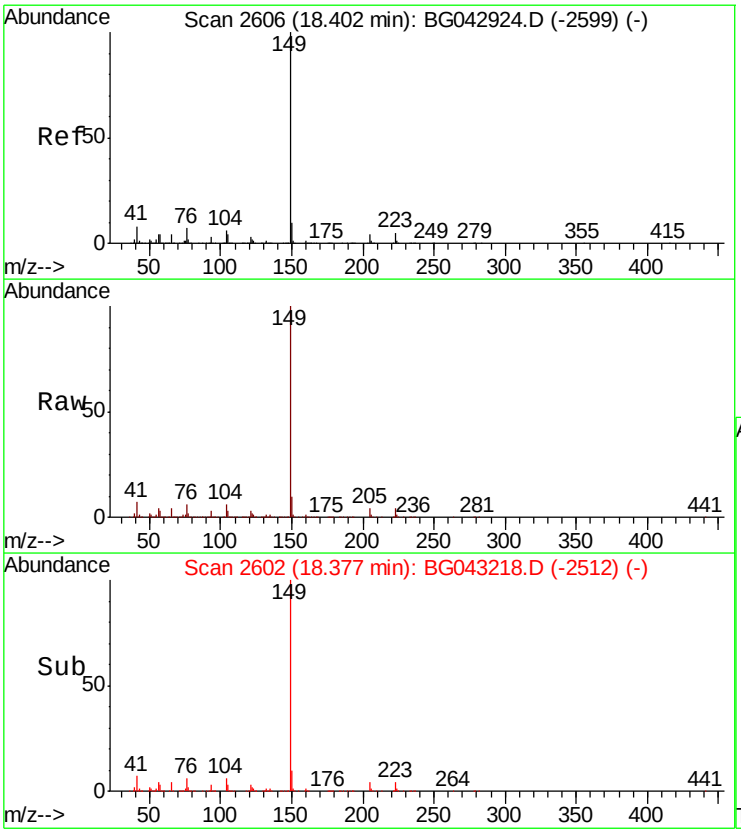
Tgt Ion:167 Resp: 683958

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.6	28.0
139	13.2	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

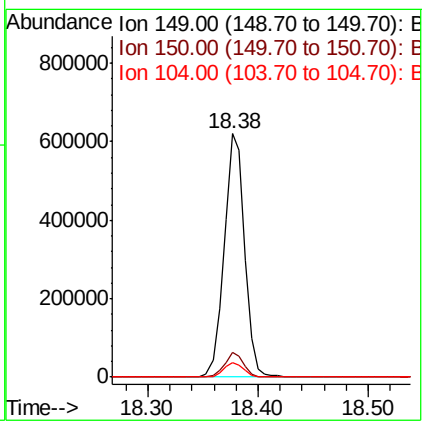
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

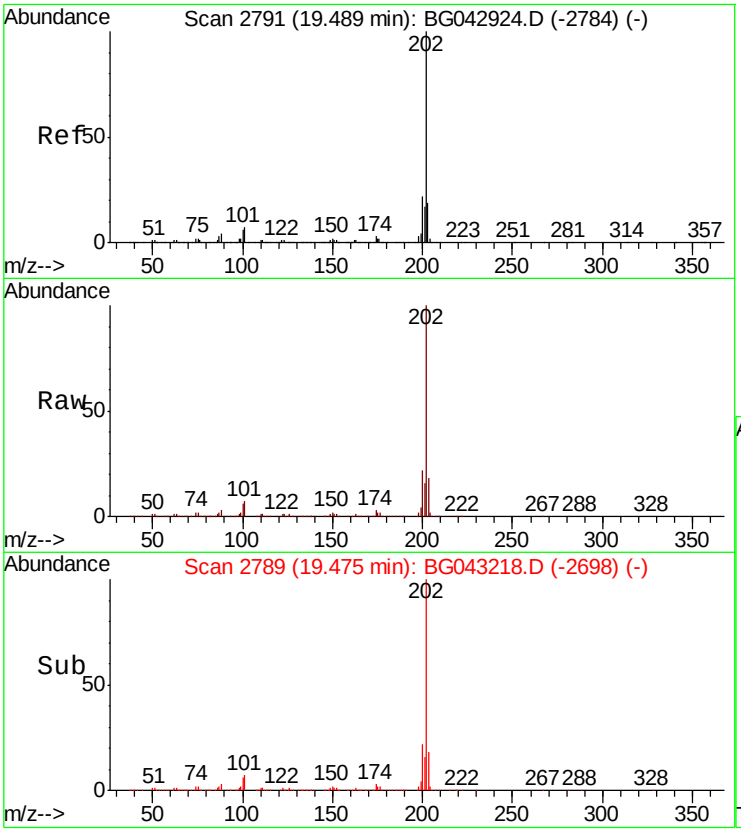


#74
Di-n-butylphthalate
Concen: 45.168 ng
RT: 18.38 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:149 Resp: 801343

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	5.8	5.0	7.6

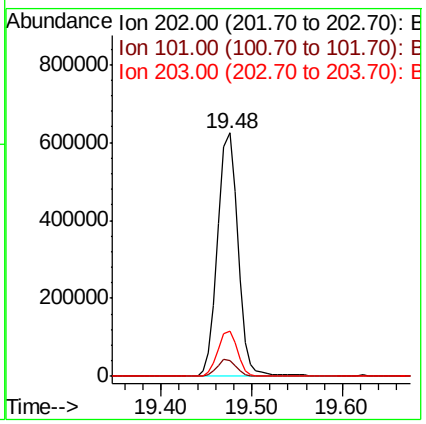




#75
Fluoranthene
Concen: 45.950 ng
RT: 19.48 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

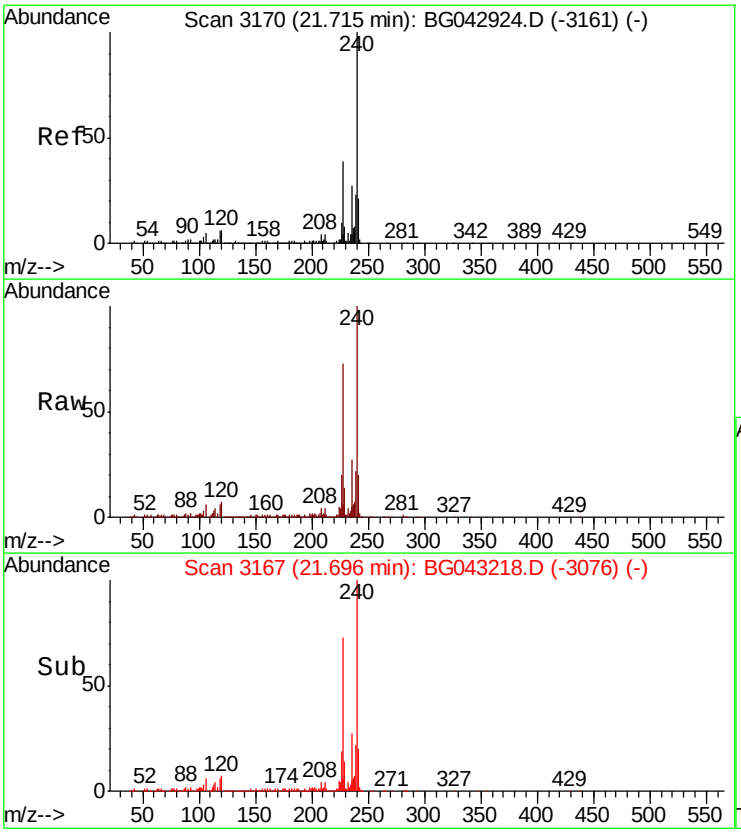
Tgt Ion:202 Resp: 976222

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	27.3
203	18.5	0.0	39.5



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

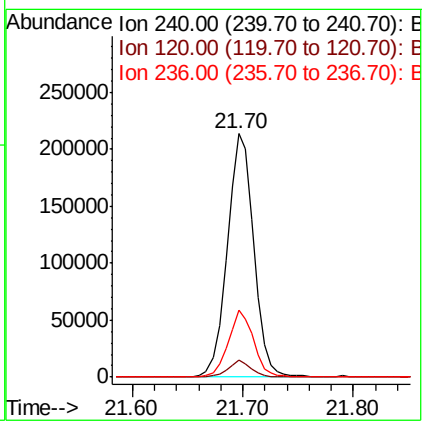
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

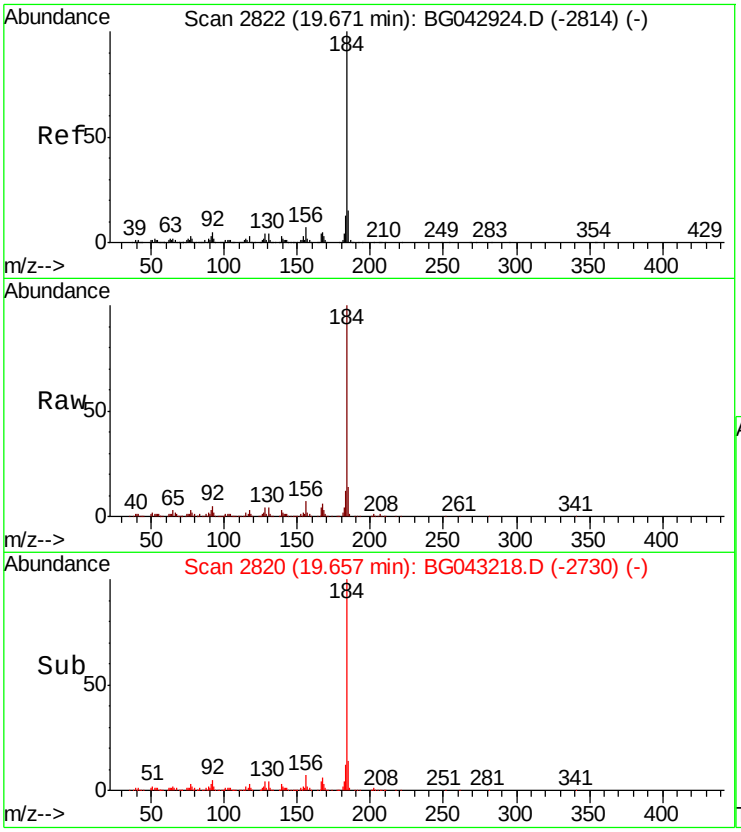


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:240 Resp: 358419

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.8	7.2
236	27.3	21.4	32.0

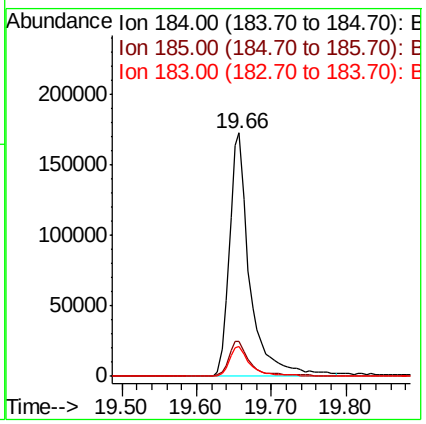




#77
Benzidine
Concen: 36.877 ng
RT: 19.66 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

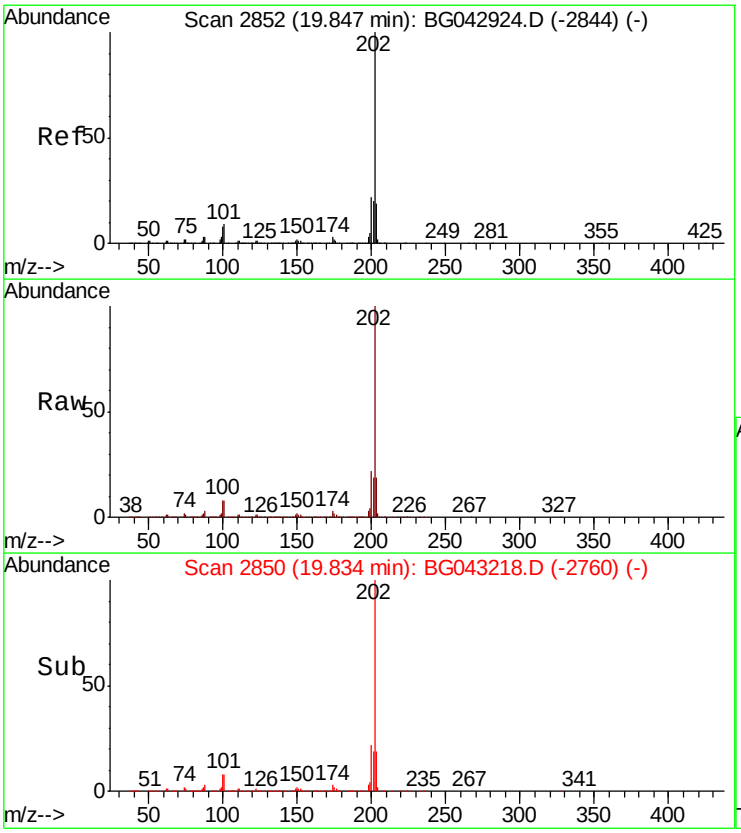
Tgt Ion:184 Resp: 330950

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	12.2	10.1	15.1



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

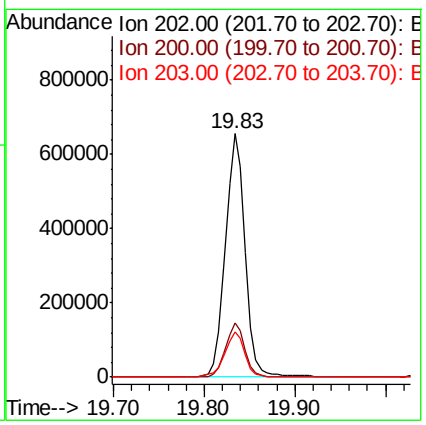
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

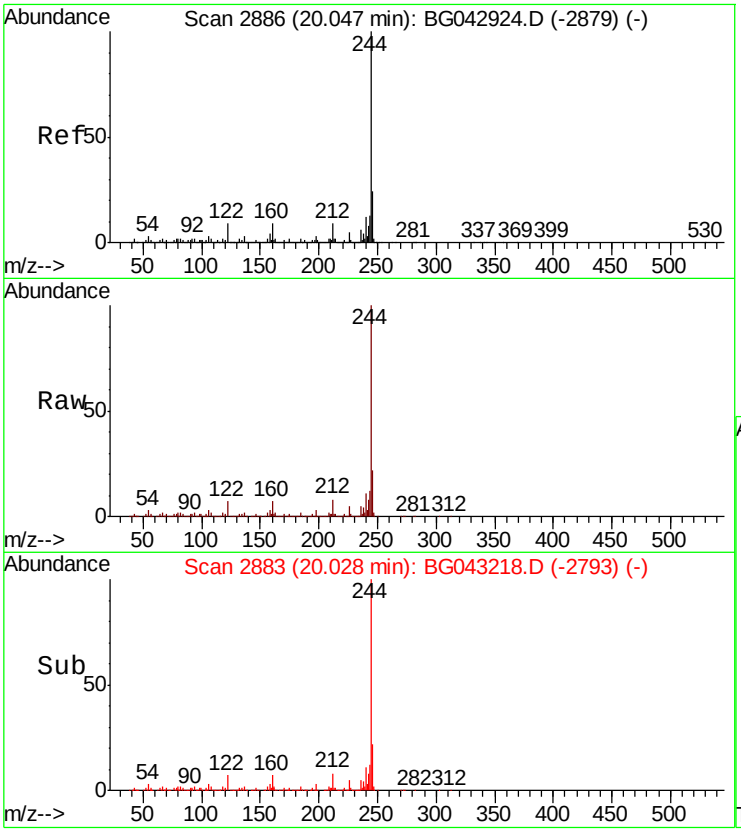


#78
Pyrene
Concen: 46.027 ng
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:202 Resp: 984647

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.7	15.2	22.8





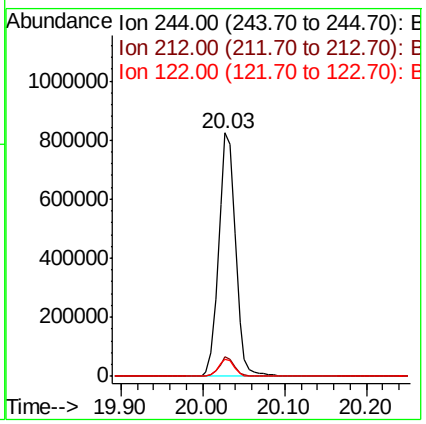
#79
Terphenyl-d14
Concen: 70.405 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

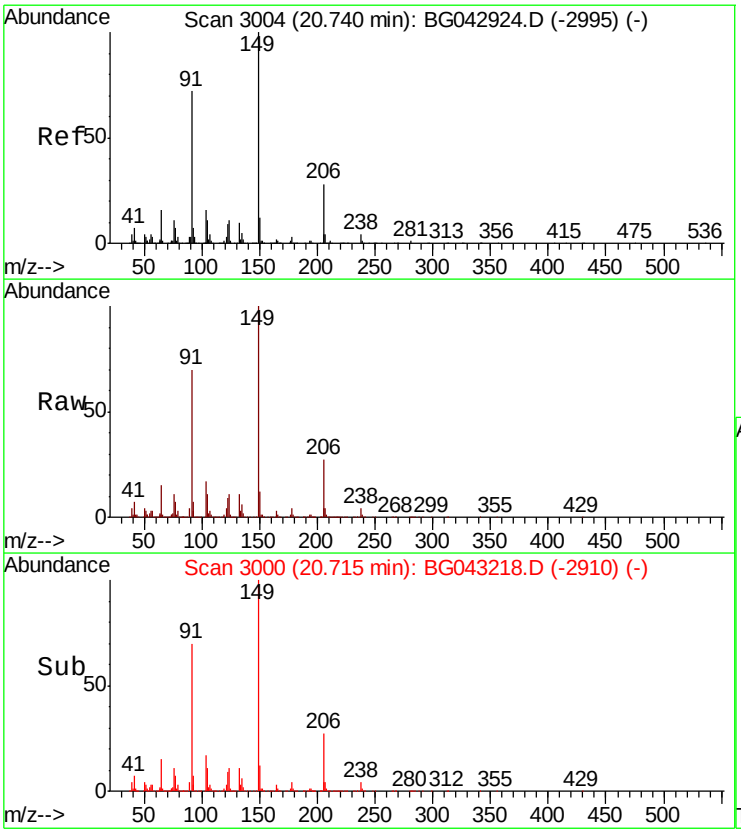
Tgt Ion:244 Resp: 1184231

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.0
122	6.8	7.0	10.4#

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

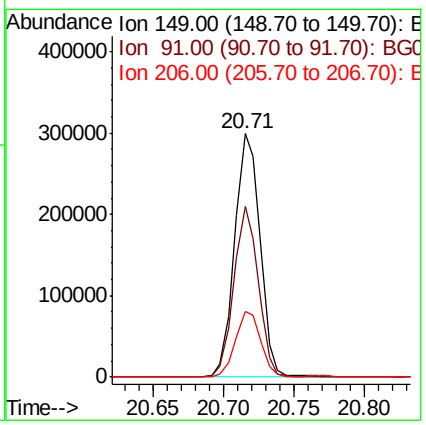


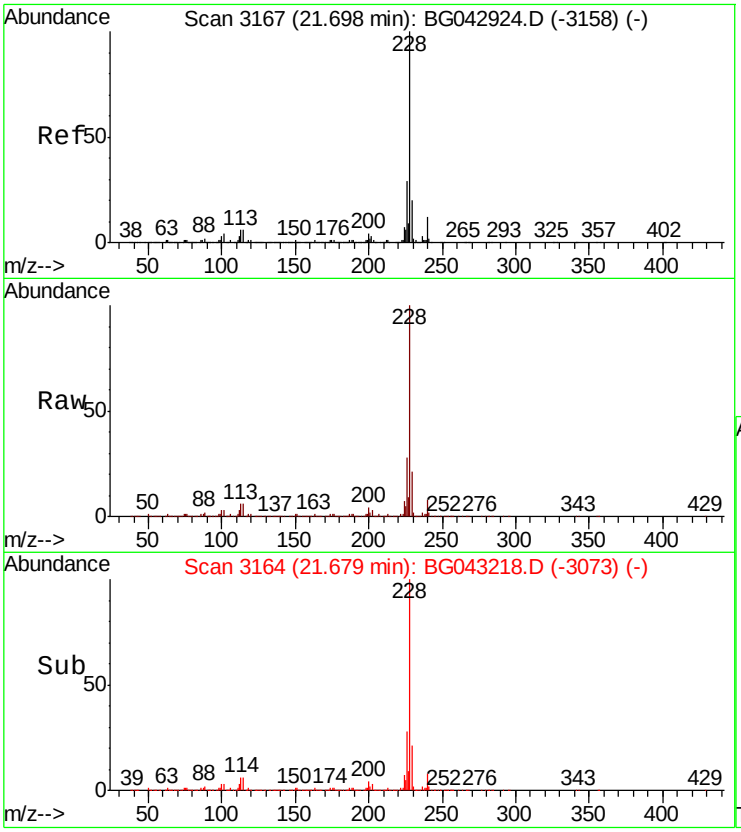


#80
Butylbenzylphthalate
Concen: 46.293 ng
RT: 20.71 min Scan# 3000
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:149 Resp: 375906

Ion	Ratio	Lower	Upper
149	100		
91	70.3	57.7	86.5
206	26.9	22.6	33.8

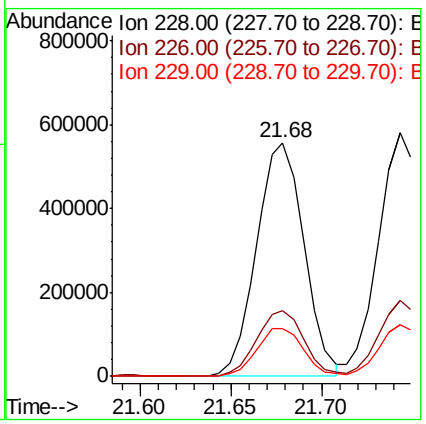




#81
Benzo(a)anthracene
Concen: 45.320 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

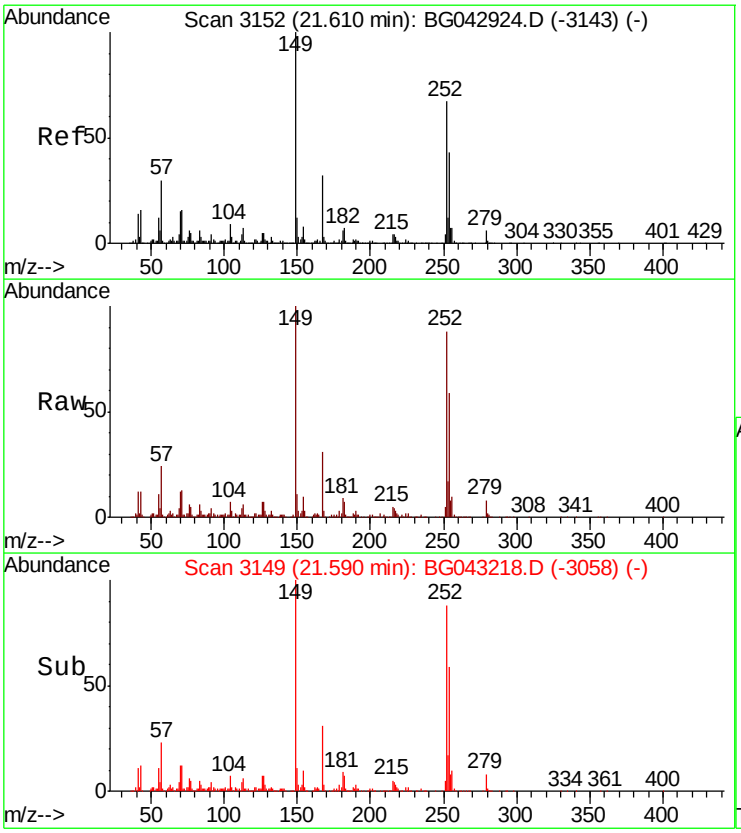
Tgt Ion:228 Resp: 1012128

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	20.5	16.3	24.5



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

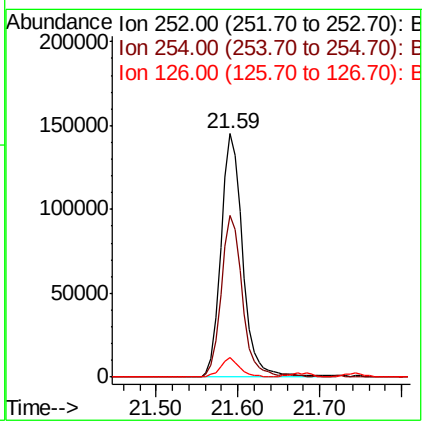
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

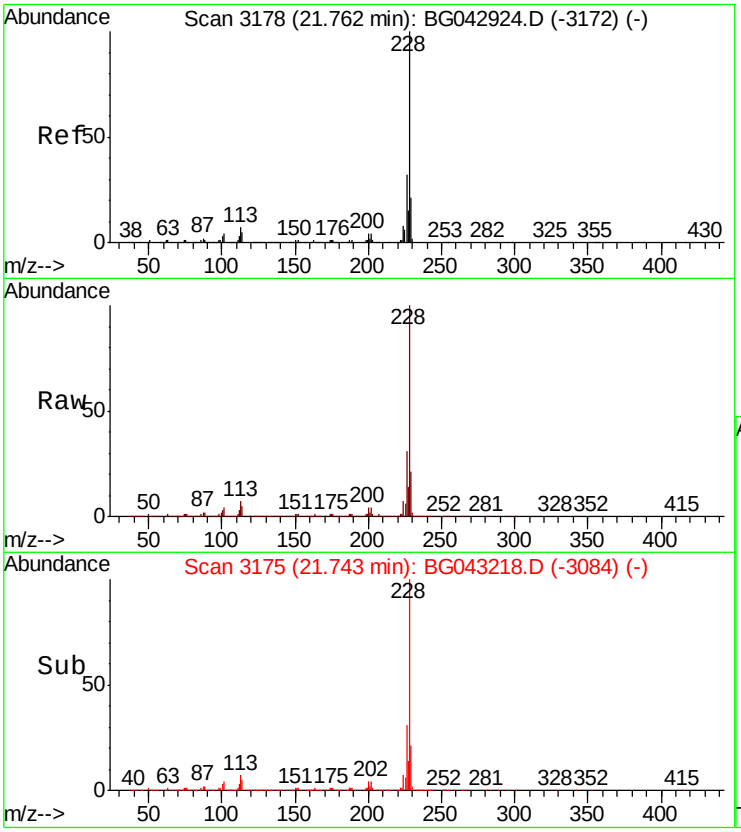


#82
3,3'-Dichlorobenzidine
Concen: 30.718 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:252 Resp: 269064

Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.9	77.9
126	7.9	6.1	9.1

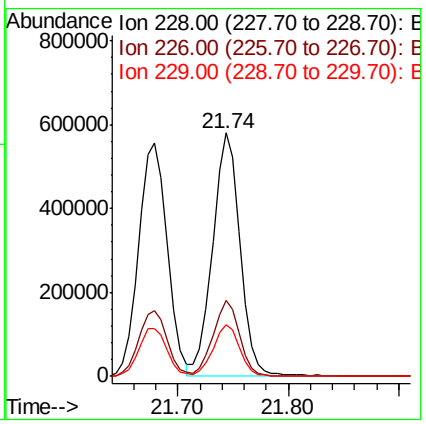




#83
Chrysene
Concen: 45.848 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

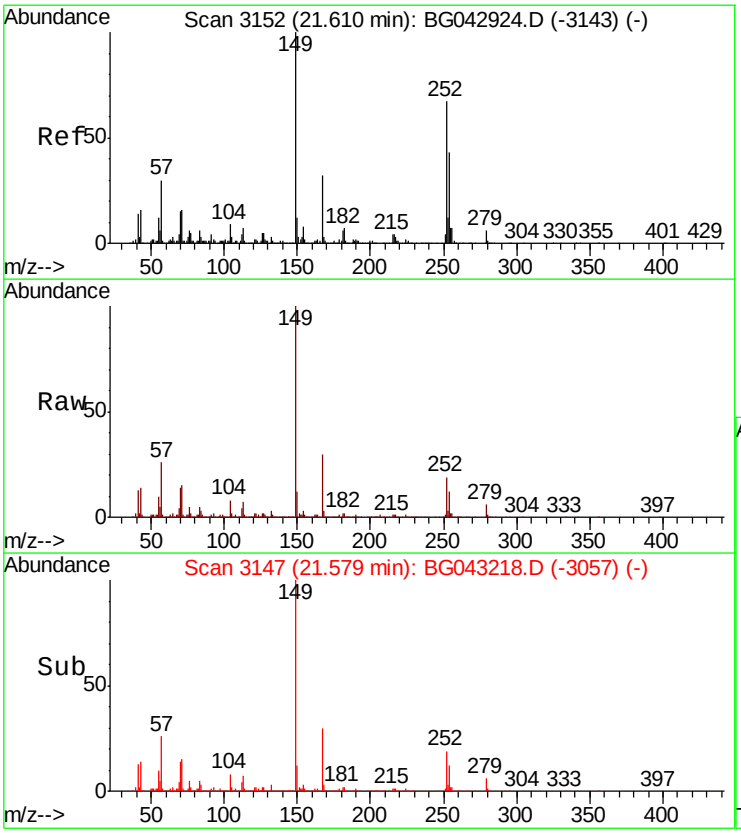
Tgt Ion:228 Resp: 993623

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.6	38.4
229	21.4	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

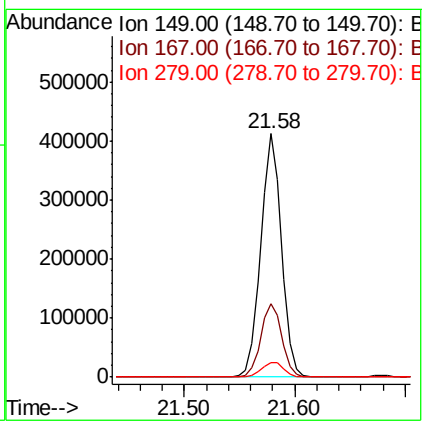
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

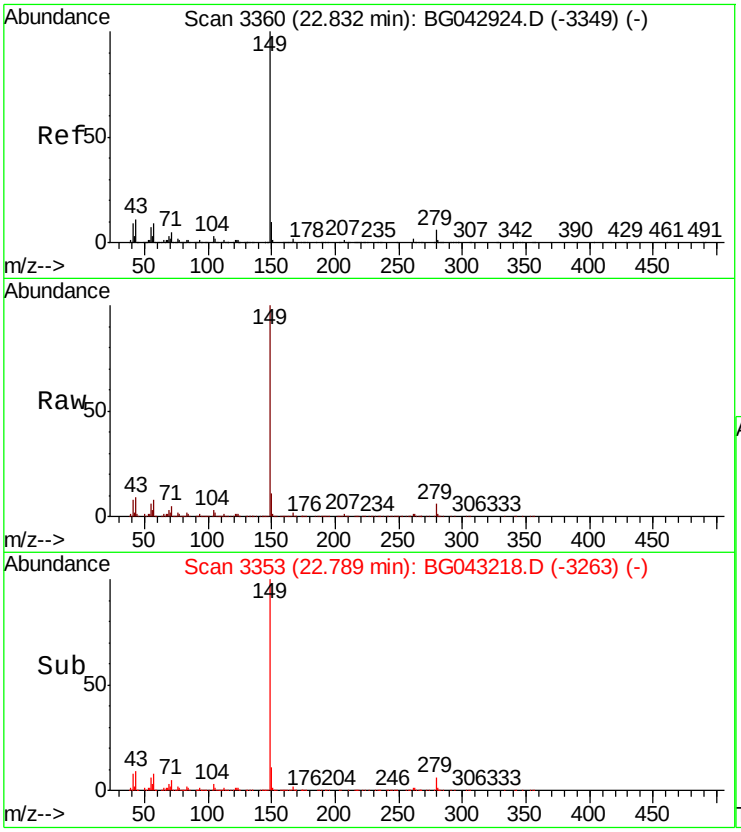


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.843 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:149 Resp: 541238

Ion	Ratio	Lower	Upper
149	100		
167	30.3	25.4	38.2
279	6.0	5.1	7.7





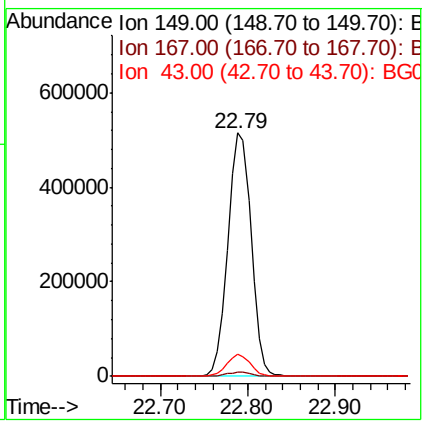
#85
Di-n-octyl phthalate
Concen: 48.794 ng
RT: 22.79 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

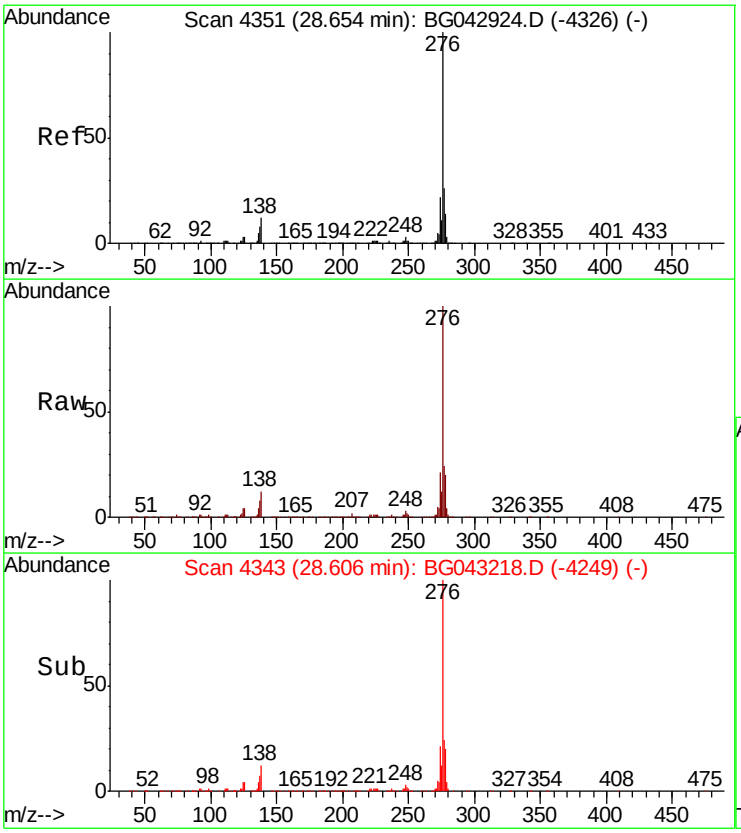
Tgt Ion:149 Resp: 921916

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.8	8.7	13.1

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

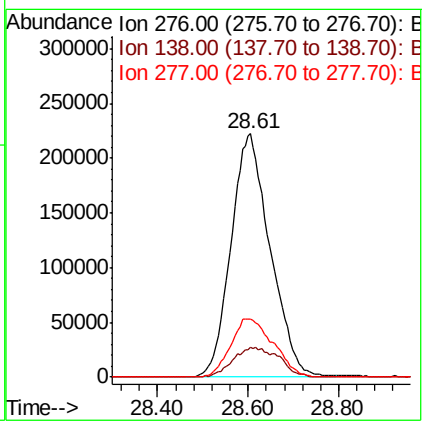


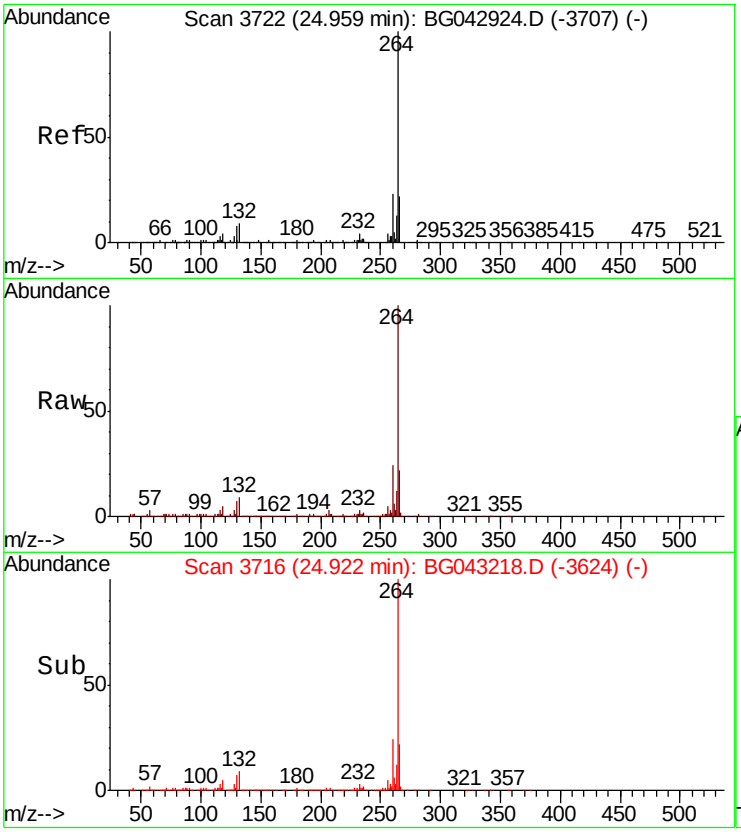


#86
Indeno(1,2,3-cd)pyrene
Concen: 49.372 ng
RT: 28.61 min Scan# 4343
Delta R.T. 0.02 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:276 Resp: 1332067

Ion	Ratio	Lower	Upper
276	100		
138	14.4	7.0	10.6#
277	26.1	20.9	31.3

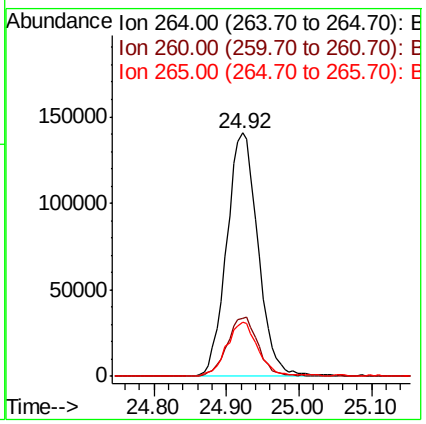




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

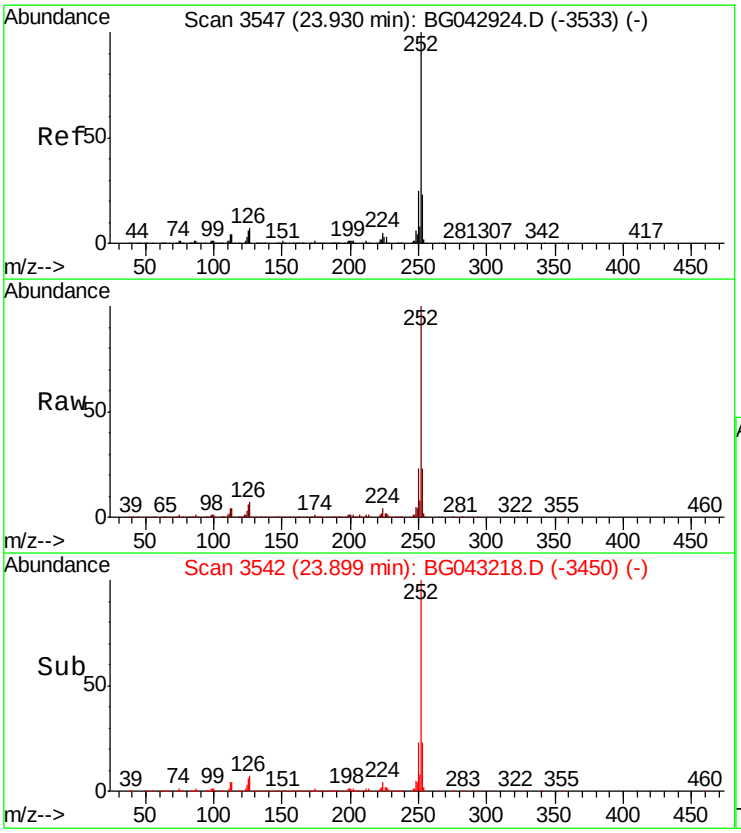
Tgt Ion:264 Resp: 422398

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.4	17.7	26.5



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

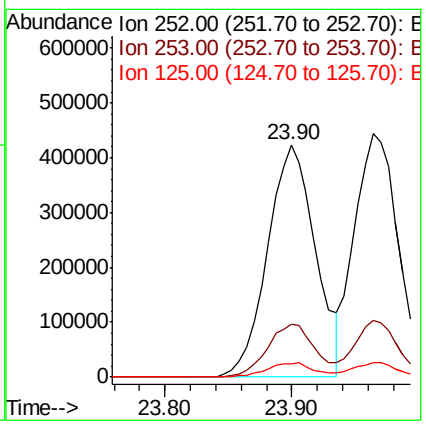
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

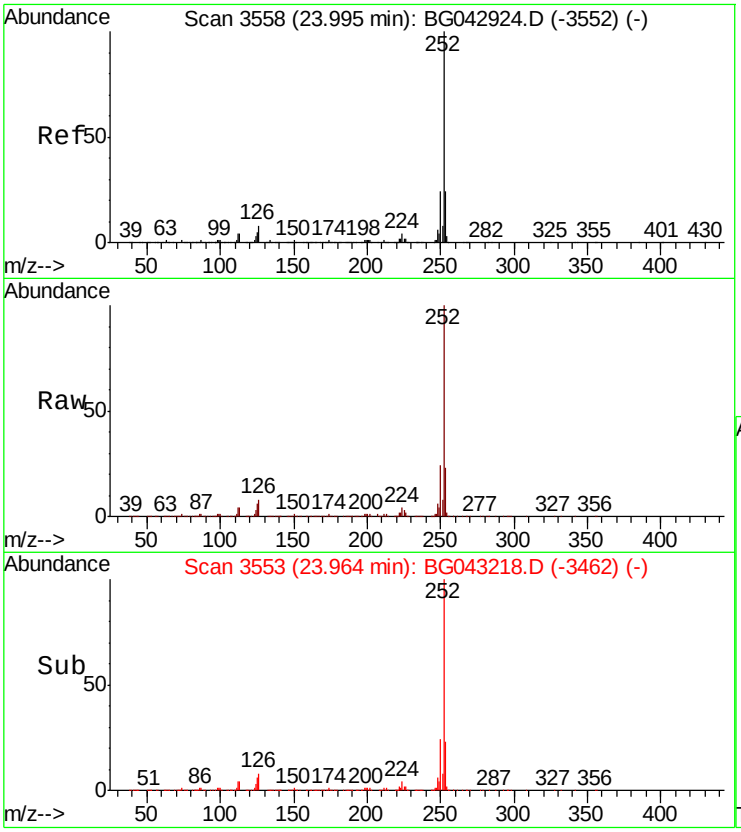


#88
Benzo(b)fluoranthene
Concen: 46.568 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:252 Resp: 1112990

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.7	4.6	7.0

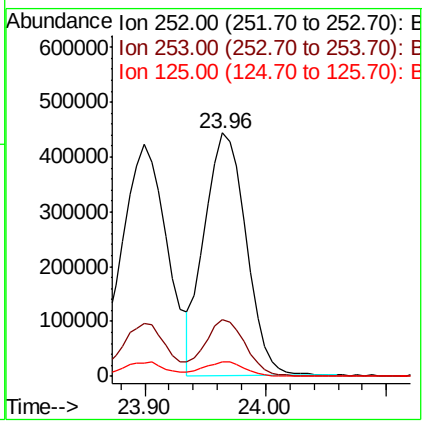




#89
Benzo(k)fluoranthene
Concen: 44.799 ng
RT: 23.96 min Scan# 3553
Delta R.T. 0.01 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

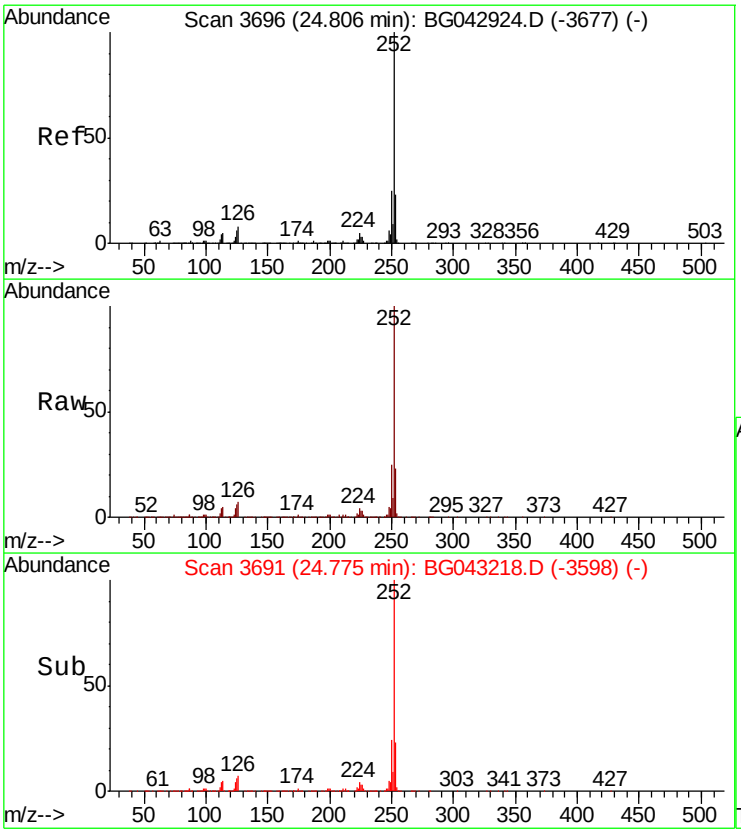
Tgt Ion:252 Resp: 1059222

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	5.7	4.5	6.7



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

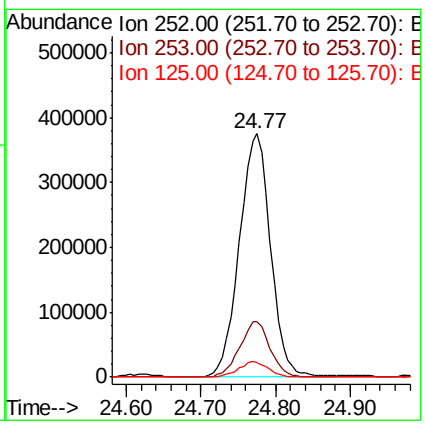
Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

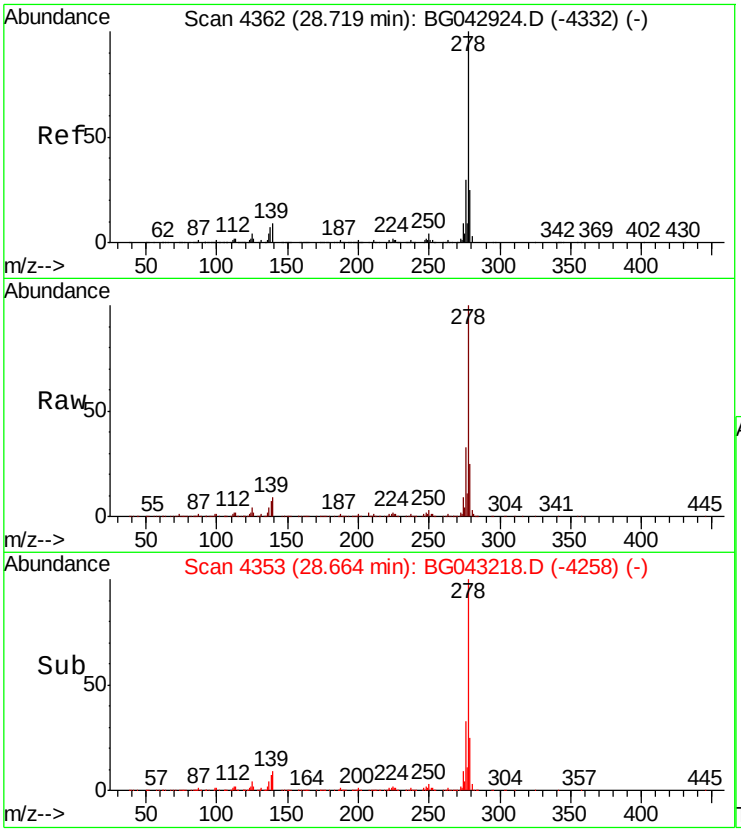


#90
Benzo(a)pyrene
Concen: 48.253 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:252 Resp: 1088060

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	6.2	5.0	7.6

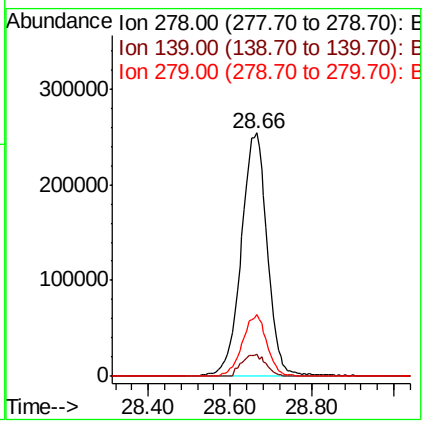




#91
Dibenzo(a,h)anthracene
Concen: 48.426 ng
RT: 28.66 min Scan# 4353
Delta R.T. 0.03 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

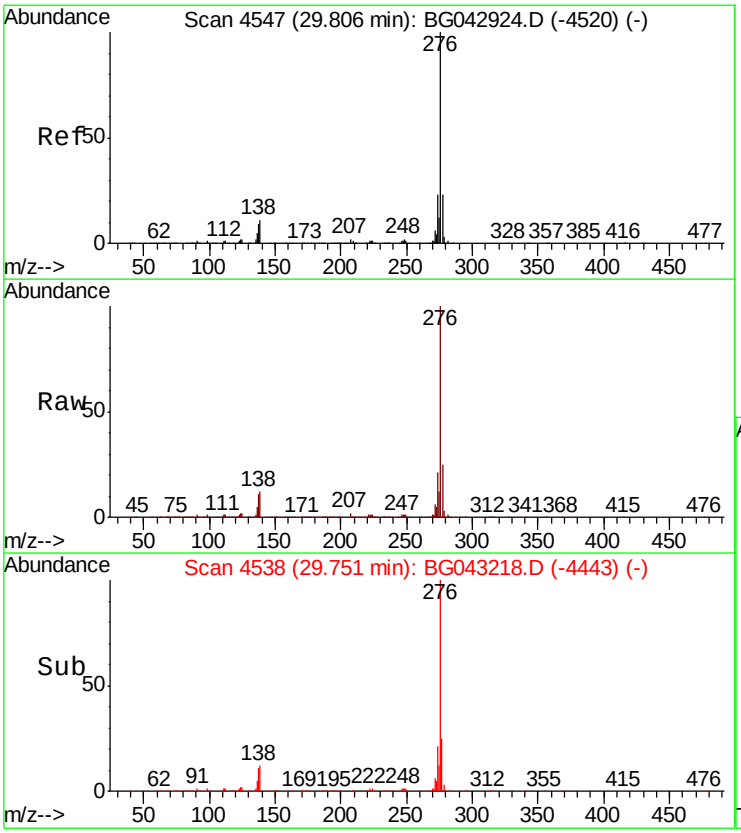
Tgt Ion:278 Resp: 1119710

Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	25.3	20.1	30.1



Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM



#92
Benzo(g,h,i)perylene
Concen: 48.952 ng
RT: 29.75 min Scan# 4538
Delta R.T. 0.03 min
Lab File: BG043218.D
Acq: 15 Oct 2019 14:42

Tgt Ion:276 Resp: 1096704

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	12.0	8.6	12.8