Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
Data File : BG046481.D
Acq On : 31 Aug 2020 23:13
Operator : CG/JU
Sample : L3847-25MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

Quant Time: Sep 01 05:01:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82457	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	346106	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	238262	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	536768	20.00	ng		0.00
76) Chrysene-d12	21.56	240	489436	20.00	ng		0.00
86) Perylene-d12	24.66	264	523427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	456672	98.09	ng		0.00
7) Phenol-d6	7.11	99	617443	93.56	ng		0.00
23) Nitrobenzene-d5	9.09	82	411004	67.87	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	279273	86.51	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1066092	68.31	ng		0.00
79) Terphenyl-d14	19.92	244	1441676	62.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	55148	28.473	ng		95
3) Pyridine	3.81	79	137982	24.349	ng		99
4) n-Nitrosodimethylamine	3.72	42	74283	35.541	ng	#	98
6) Aniline	7.25	93	123911	16.685	ng		98
8) 2-Chlorophenol	7.50	128	213844	43.461	ng		98
9) Benzaldehyde	7.07	77	122116	33.026	ng		93
10) Phenol	7.13	94	262973	43.262	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	190632	39.016	ng		100
12) 1,3-Dichlorobenzene	7.82	146	238397	38.162	ng		98
13) 1,4-Dichlorobenzene	7.97	146	237431	37.964	ng		99
14) 1,2-Dichlorobenzene	8.29	146	234468	39.099	ng		99
15) Benzyl Alcohol	8.17	79	177543	41.902	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	288856	38.114	ng		99
17) 2-Methylphenol	8.38	107	186281	43.212	ng		100
18) Hexachloroethane	9.02	117	81909	38.627	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	151359	38.342	ng		97
20) 3+4-Methylphenols	8.71	107	254824	42.826	ng		96
22) Acetophenone	8.75	105	300808	35.705	ng	#	99
24) Nitrobenzene	9.13	77	225420	37.680	ng		100
25) Isophorone	9.65	82	423567	38.152	ng		99
26) 2-Nitrophenol	9.84	139	126993	40.233	ng		96
27) 2,4-Dimethylphenol	9.91	122	203239	46.815	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	259778	36.354	ng		99
29) 2,4-Dichlorophenol	10.38	162	241002	41.643	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	261943	38.147	ng		99
31) Naphthalene	10.78	128	671927	39.761	ng		99
32) Benzoic acid	10.06	122	122155	40.274	ng		96
33) 4-Chloroaniline	10.89	127	96905	13.004	ng		99
34) Hexachlorobutadiene	11.07	225	164411	36.884	ng		99
35) Caprolactam	11.66	113	78275m	36.183	ng		
36) 4-Chloro-3-methylphenol	12.02	107	233477	41.247	ng		96
37) 2-Methylnaphthalene	12.39	142	528058	39.621	ng		98
38) 1-Methylnaphthalene	12.61	142	504766	39.983	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	323201	41.135	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
Data File : BG046481.D
Acq On : 31 Aug 2020 23:13
Operator : CG/JU
Sample : L3847-25MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

Quant Time: Sep 01 05:01:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	210459	61.602 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	219090	41.321 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	234129	42.028 ng	99
46) 1,1'-Biphenyl	13.39	154	687592	41.479 ng	100
47) 2-Chloronaphthalene	13.44	162	537070	38.212 ng	99
48) 2-Nitroaniline	13.64	65	145821	37.364 ng	99
49) Acenaphthylene	14.29	152	899606	42.195 ng	99
50) Dimethylphthalate	14.02	163	865148	46.934 ng	100
51) 2,6-Dinitrotoluene	14.13	165	154324	37.980 ng	99
52) Acenaphthene	14.63	154	524505	39.700 ng	99
53) 3-Nitroaniline	14.46	138	101015	22.951 ng	98
54) 2,4-Dinitrophenol	14.68	184	99793	42.075 ng	98
55) Dibenzofuran	14.96	168	836297	39.443 ng	100
56) 4-Nitrophenol	14.79	139	258264	79.730 ng	98
57) 2,4-Dinitrotoluene	14.93	165	215685	37.227 ng	99
58) Fluorene	15.61	166	683218	38.393 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	216815	40.079 ng	99
60) Diethylphthalate	15.39	149	648578	36.088 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	372339	37.991 ng	99
62) 4-Nitroaniline	15.63	138	122298	26.334 ng	99
63) Azobenzene	15.90	77	563442	38.541 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	84190	27.711 ng	98
66) n-Nitrosodiphenylamine	15.82	169	604387	41.737 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	257077	41.051 ng	97
68) Hexachlorobenzene	16.63	284	266852	38.476 ng	97
69) Atrazine	16.77	200	214195	36.258 ng	100
70) Pentachlorophenol	16.97	266	328749	90.724 ng	98
71) Phenanthrene	17.35	178	1360776	50.015 ng	98
72) Anthracene	17.44	178	1168114	43.516 ng	98
73) Carbazole	17.71	167	982715	38.774 ng	100
74) Di-n-butylphthalate	18.27	149	1064068	36.511 ng	100
75) Fluoranthene	19.36	202	2046136	58.440 ng	96
77) Benzidine	19.54	184	492658	43.318 ng	99
78) Pyrene	19.72	202	1997979	64.106 ng	94
80) Butylbenzylphthalate	20.61	149	464789	38.233 ng	96
81) Benzo(a)anthracene	21.54	228	1669680	54.732 ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	284291	25.112 ng	99
83) Chrysene	21.61	228	1537756	52.403 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	653557	39.394 ng	97
85) Di-n-octyl phthalate	22.63	149	1130558	39.799 ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1769386	47.066 ng	99
88) Benzo(b)fluoranthene	23.69	252	1790949	54.797 ng	98
89) Benzo(k)fluoranthene	23.75	252	1411291	44.679 ng	97
90) Benzo(a)pyrene	24.52	252	1586253	52.007 ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1227597	40.465 ng	98
92) Benzo(g,h,i)perylene	29.29	276	1526853	50.401 ng	99

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

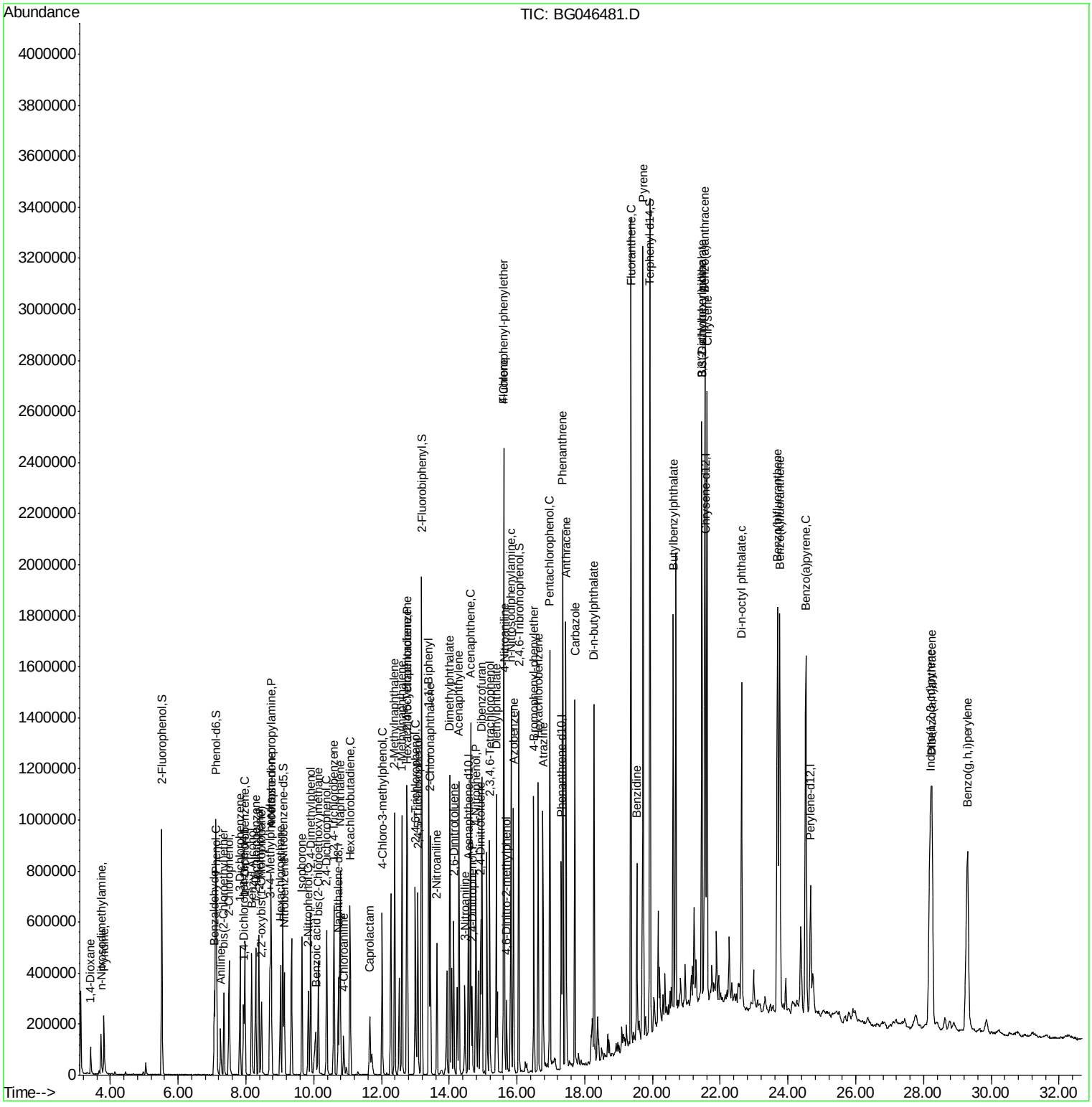
Quantitation Report (QT Reviewed)

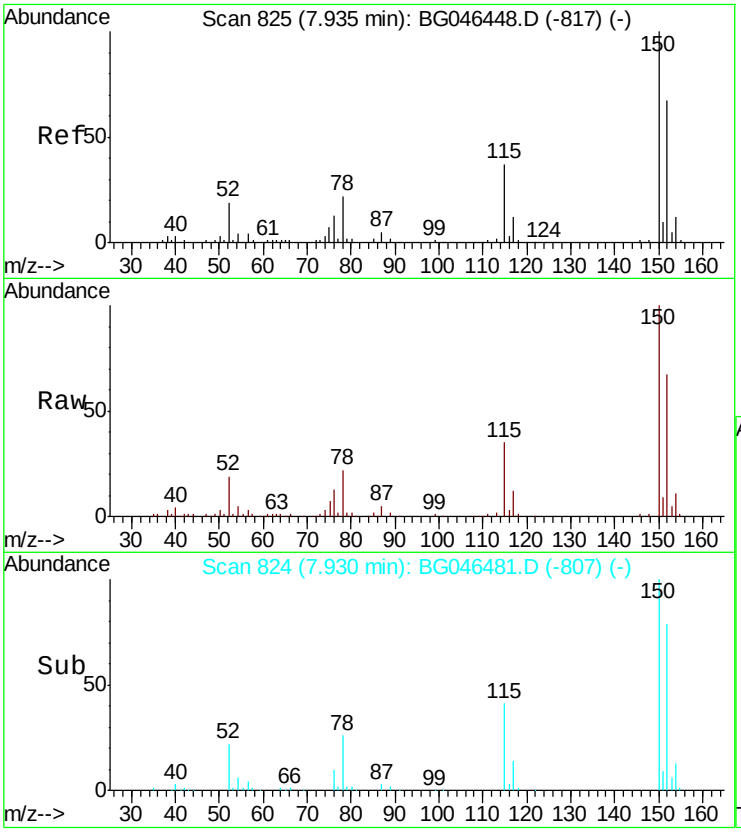
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
Data File : BG046481.D
Acq On : 31 Aug 2020 23:13
Operator : CG/JU
Sample : L3847-25MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 01 05:01:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

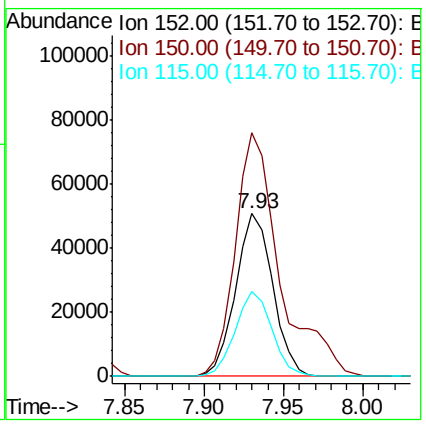




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

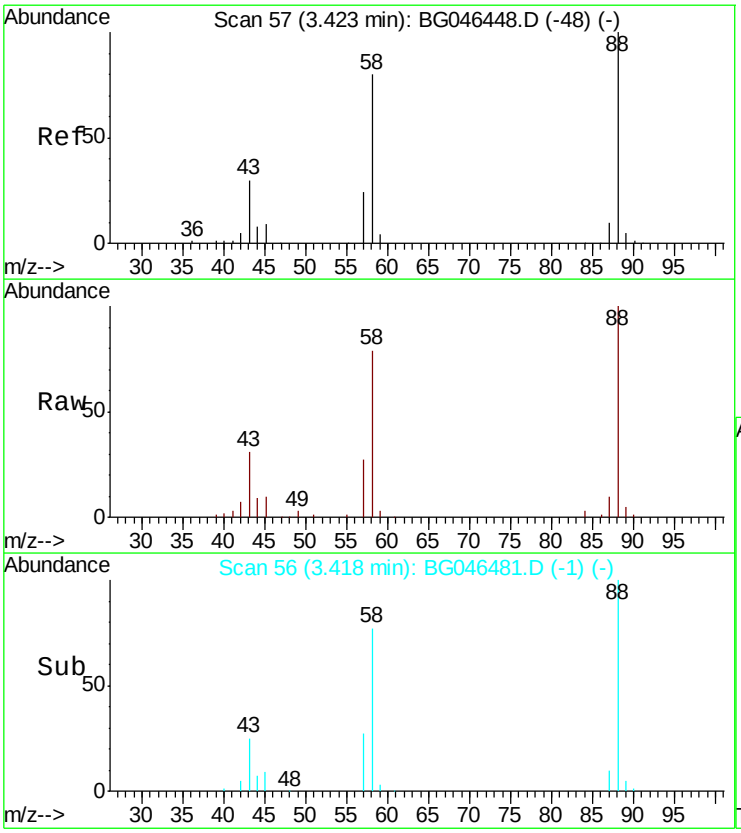
Tgt Ion:152 Resp: 82457

Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	52.0	44.3	66.5



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

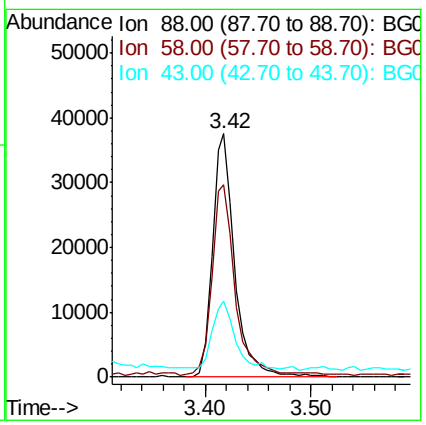
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

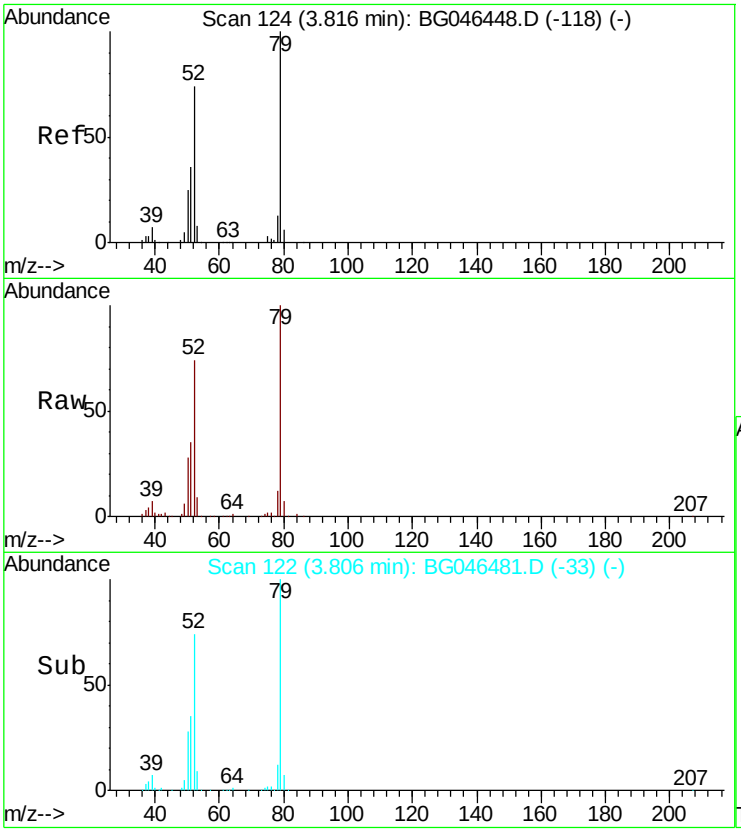


#2
1,4-Dioxane
Concen: 28.473 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 88 Resp: 55148

Ion	Ratio	Lower	Upper
88	100		
58	81.5	61.4	92.2
43	28.3	21.6	32.4

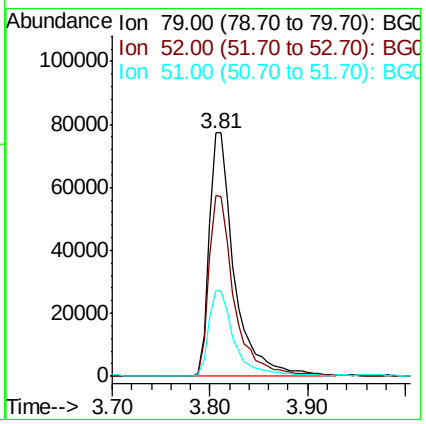




#3
Pyridine
Concen: 24.349 ng
RT: 3.81 min Scan# 122
Delta R.T. -0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

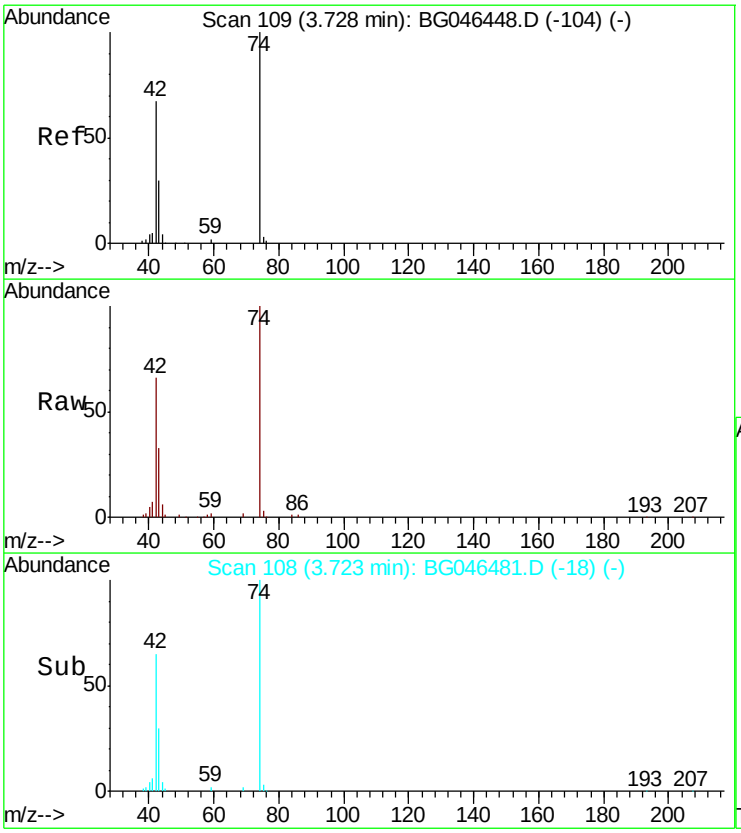
Tgt Ion: 79 Resp: 137982

Ion	Ratio	Lower	Upper
79	100		
52	74.3	59.1	88.7
51	35.4	29.0	43.6



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

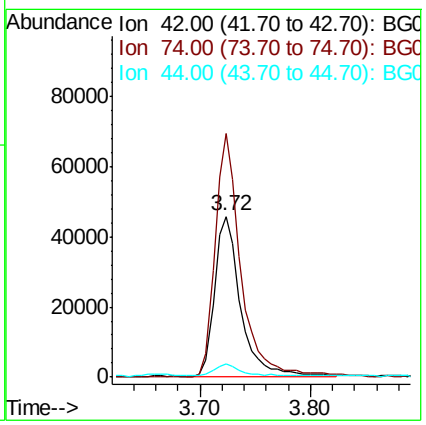
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

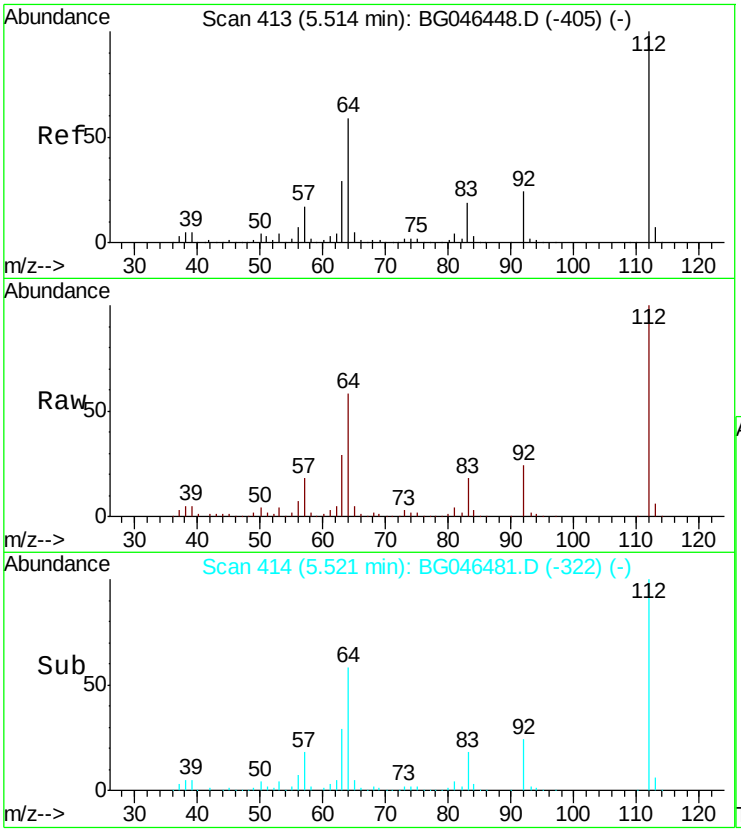


#4
n-Nitrosodimethylamine
Concen: 35.541 ng
RT: 3.72 min Scan# 108
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 42 Resp: 74283

Ion	Ratio	Lower	Upper
42	100		
74	151.5	119.5	179.3
44	8.5	5.7	8.5#

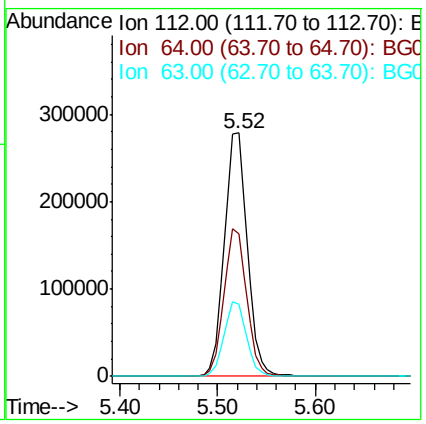




#5
2-Fluorophenol
Concen: 98.094 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

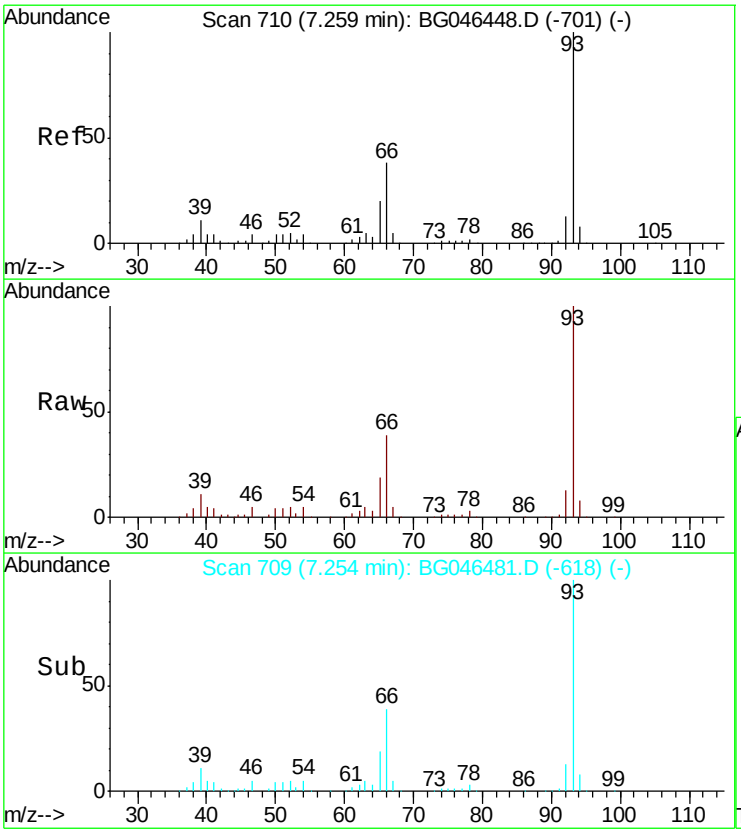
Tgt Ion:112 Resp: 456672

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.0	70.6
63	29.5	23.5	35.3



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

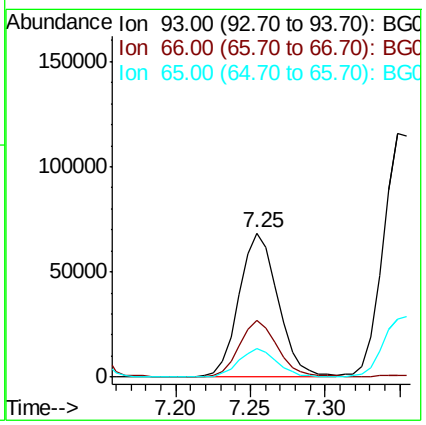
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

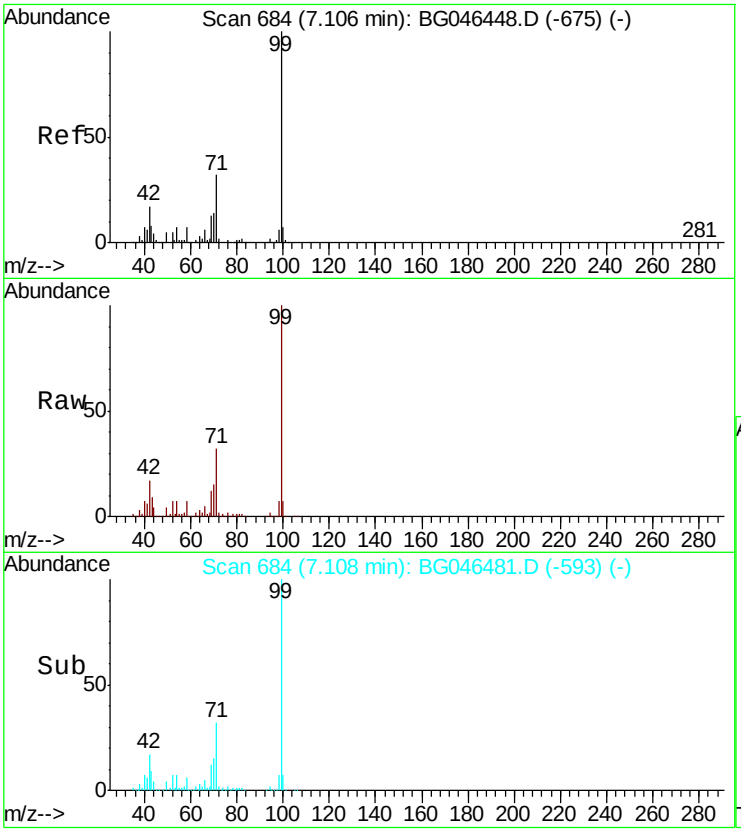


#6
Aniline
Concen: 16.685 ng
RT: 7.25 min Scan# 709
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 93 Resp: 123911

Ion	Ratio	Lower	Upper
93	100		
66	39.5	30.4	45.6
65	19.5	15.8	23.6

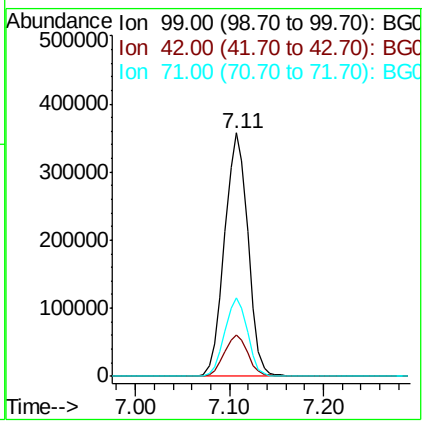




#7
Phenol-d6
Concen: 93.557 ng
RT: 7.11 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

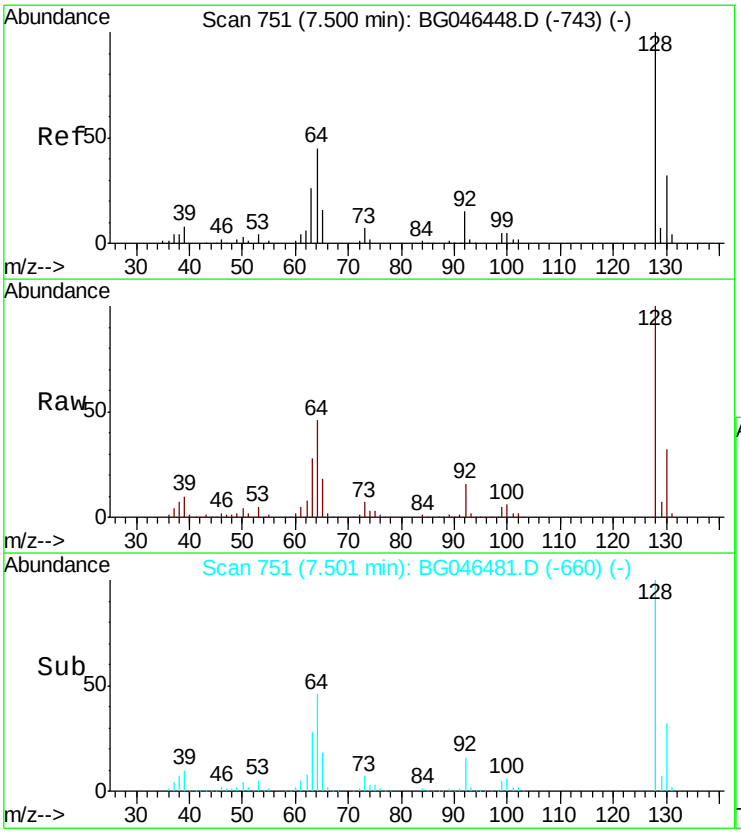
Tgt Ion: 99 Resp: 617443

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.3	19.9
71	32.1	25.3	37.9



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

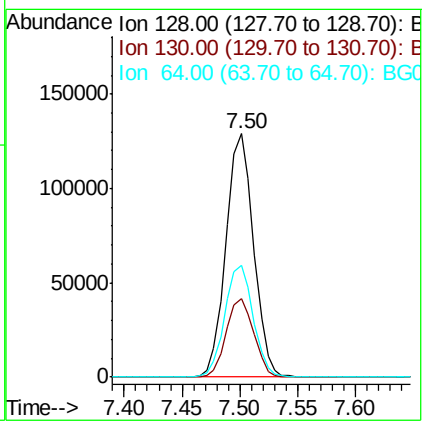
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

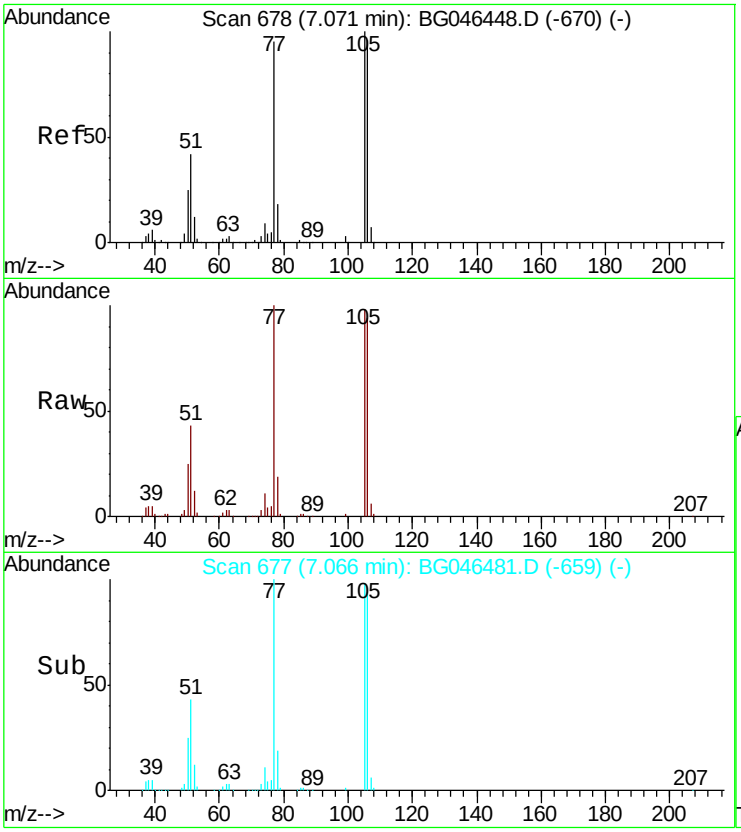


#8
2-Chlorophenol
Concen: 43.461 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:128 Resp: 213844

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	45.8	28.1	68.1

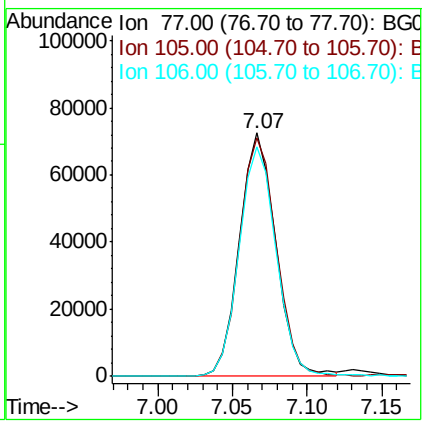




#9
Benzaldehyde
Concen: 33.026 ng
RT: 7.07 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

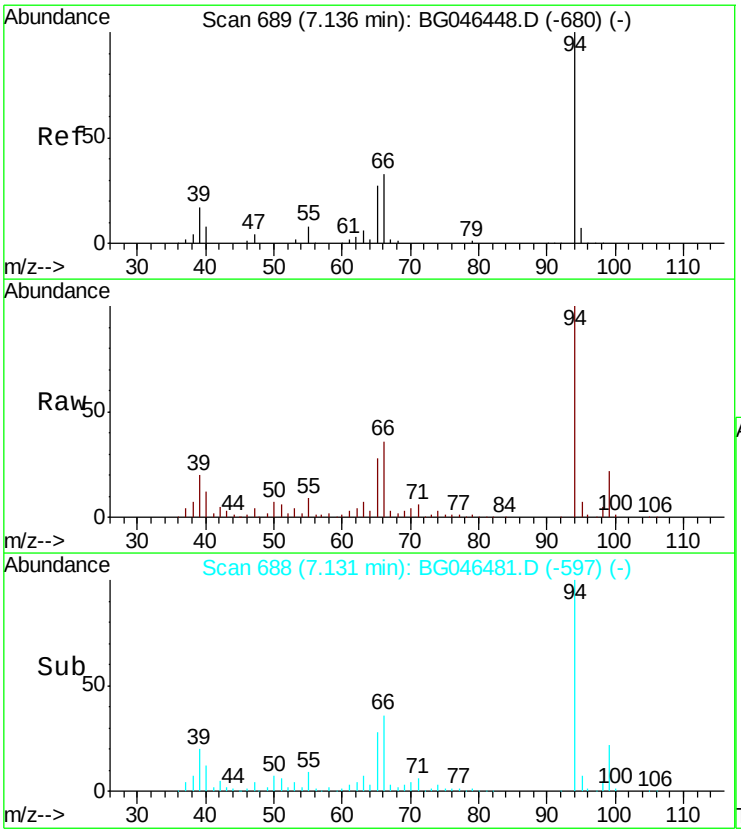
Tgt Ion: 77 Resp: 122116

Ion	Ratio	Lower	Upper
77	100		
105	98.0	85.6	125.6
106	94.4	80.8	120.8



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

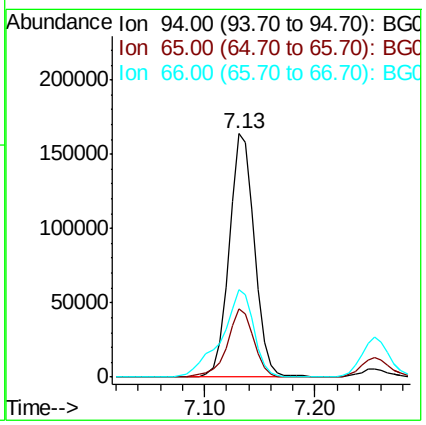
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

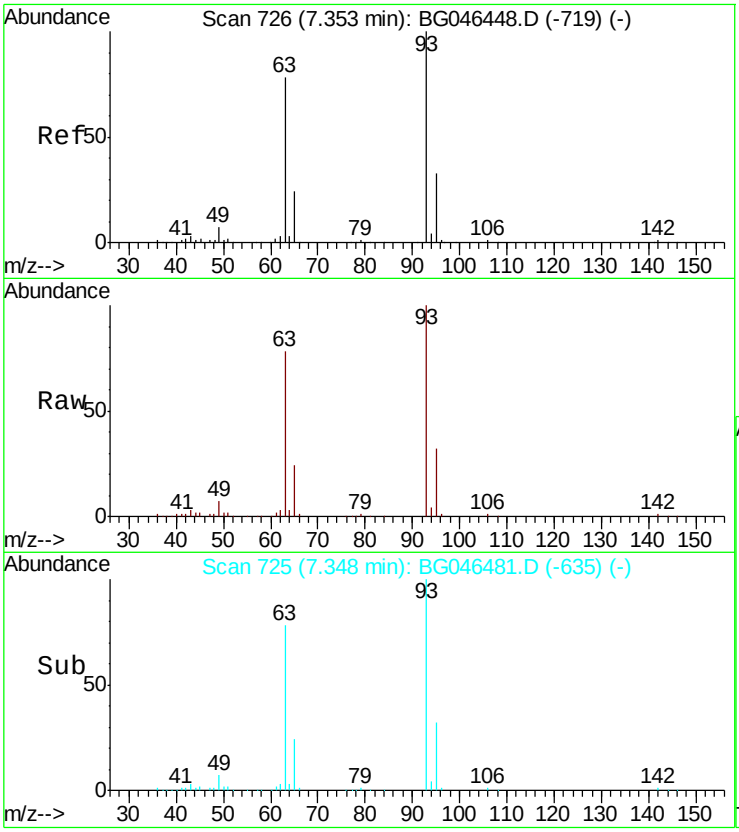


#10
Phenol
Concen: 43.262 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 94 Resp: 262973

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.5	47.5
66	35.9	14.1	54.1

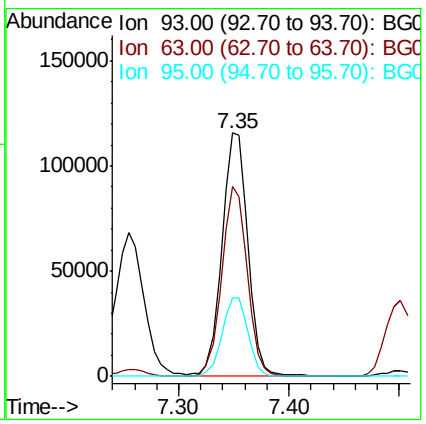




#11
bis(2-Chloroethyl)ether
Concen: 39.016 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

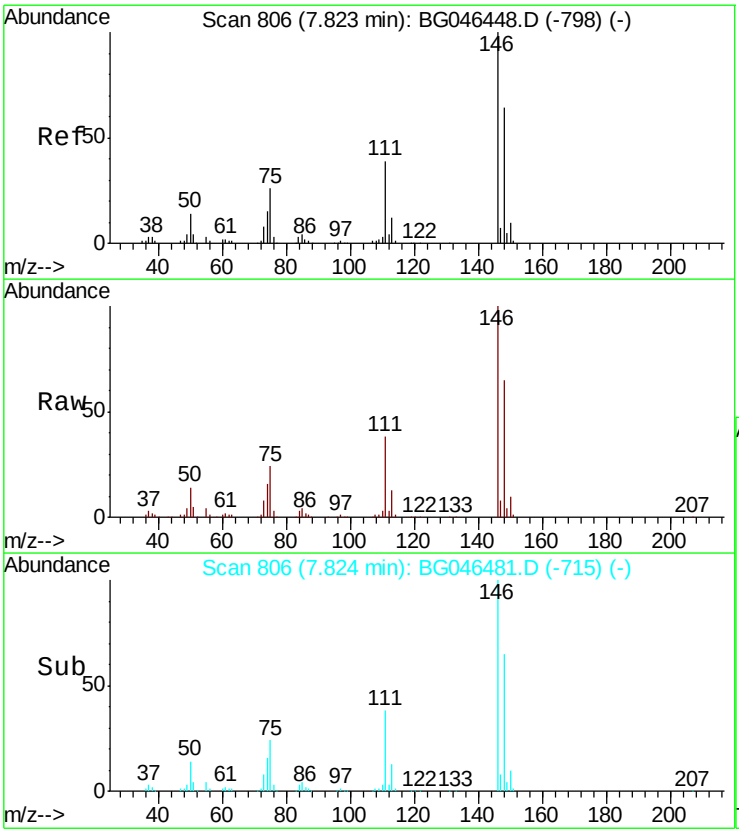
Tgt Ion: 93 Resp: 190632

Ion	Ratio	Lower	Upper
93	100		
63	77.7	57.7	97.7
95	32.4	12.3	52.3



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

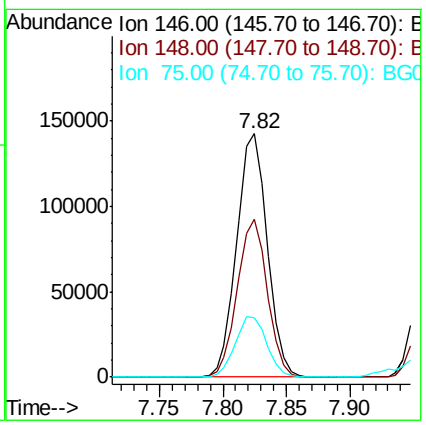
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

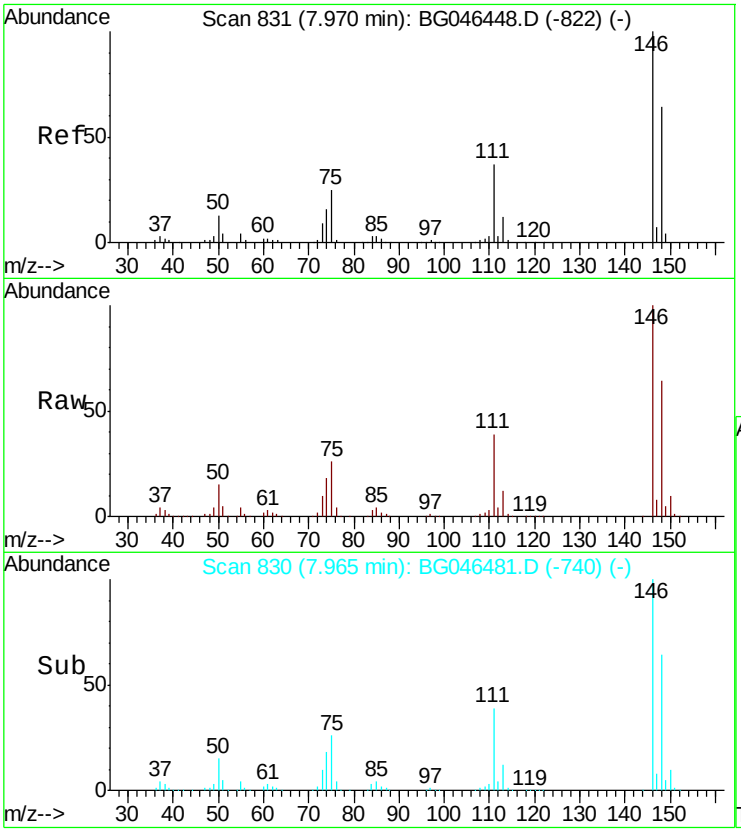


#12
1,3-Dichlorobenzene
Concen: 38.162 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:146 Resp: 238397

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
75	24.1	20.7	31.1

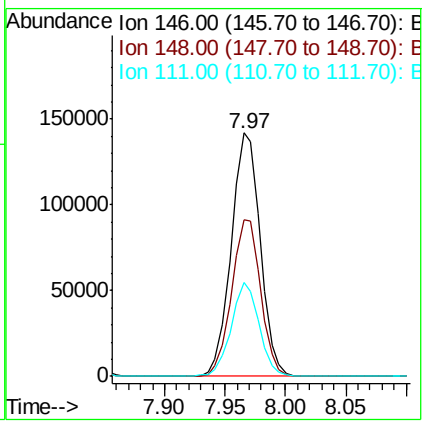




#13
1,4-Dichlorobenzene
Concen: 37.964 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

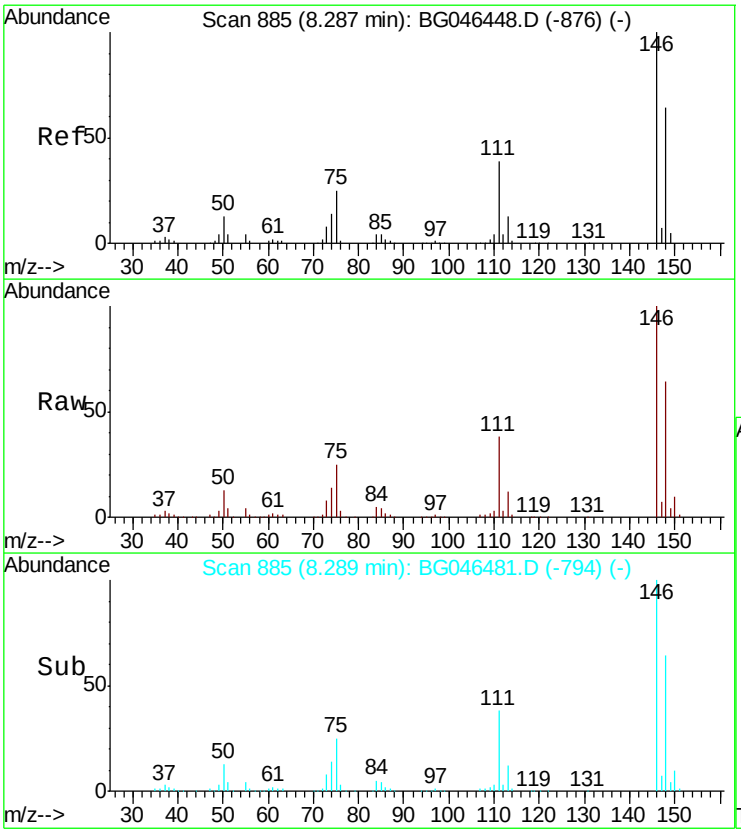
Tgt Ion:146 Resp: 237431

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
111	38.5	29.8	44.6



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

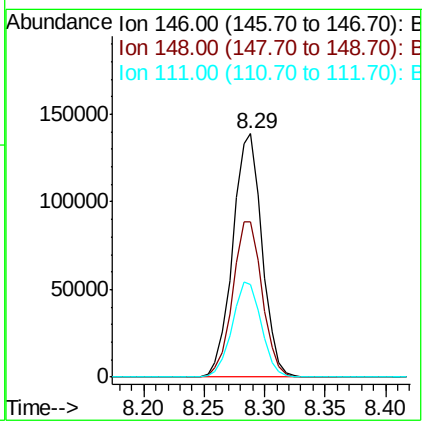
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

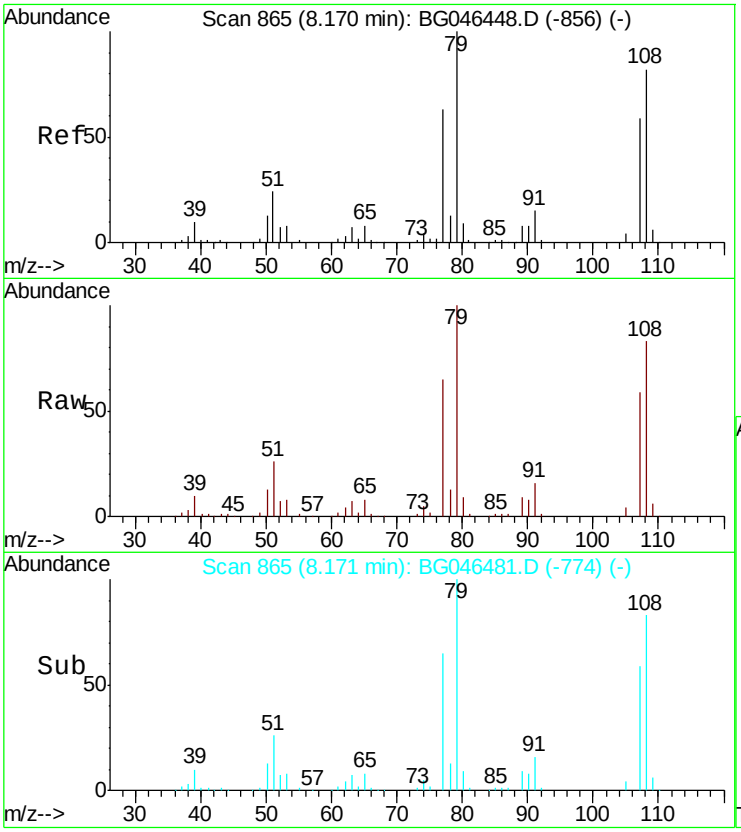


#14
1,2-Dichlorobenzene
Concen: 39.099 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:146 Resp: 234468

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	38.0	31.4	47.2

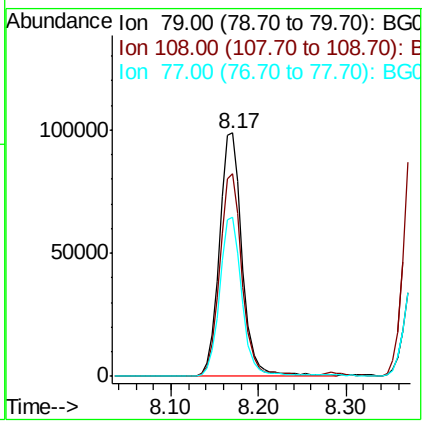




#15
Benzyl Alcohol
Concen: 41.902 ng
RT: 8.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

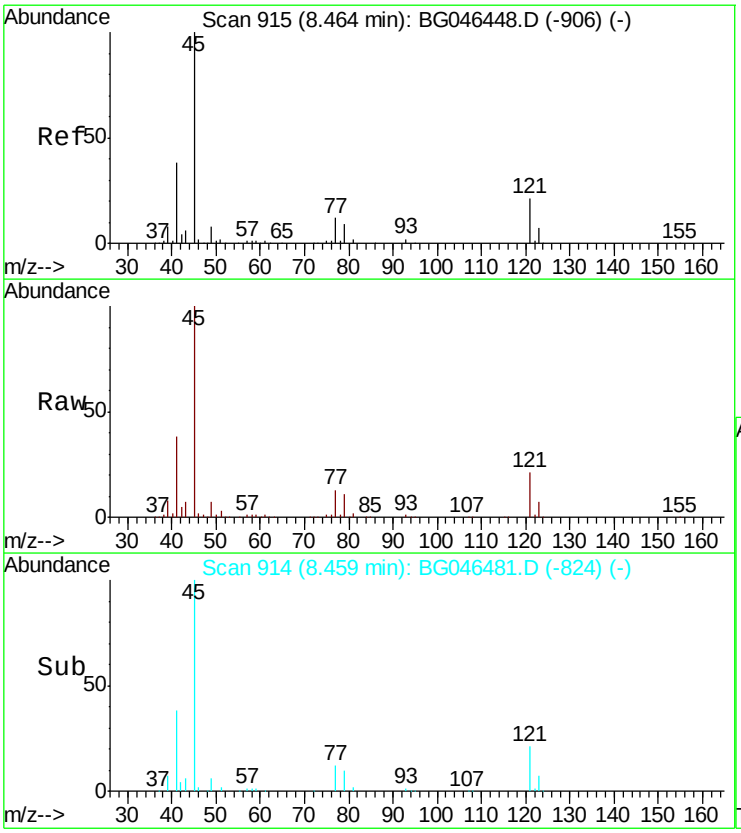
Tgt Ion: 79 Resp: 177543

Ion	Ratio	Lower	Upper
79	100		
108	83.4	65.7	98.5
77	65.1	50.3	75.5



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

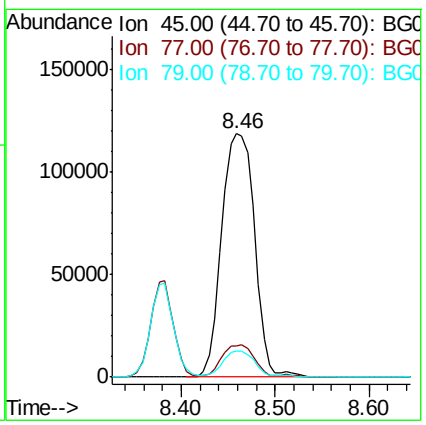
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

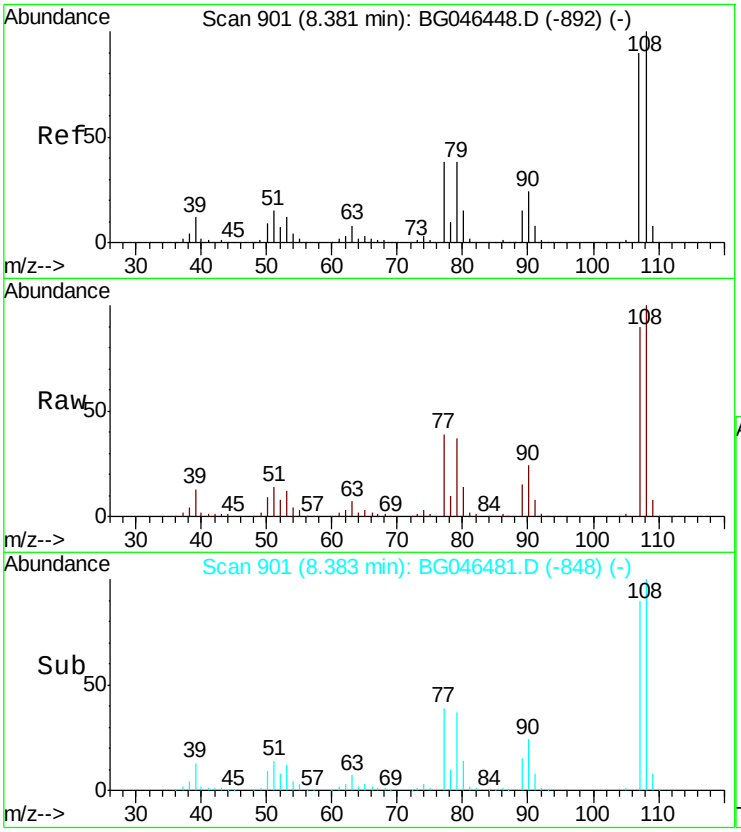


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.114 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 45 Resp: 288856

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	33.2
79	10.9	0.0	30.3

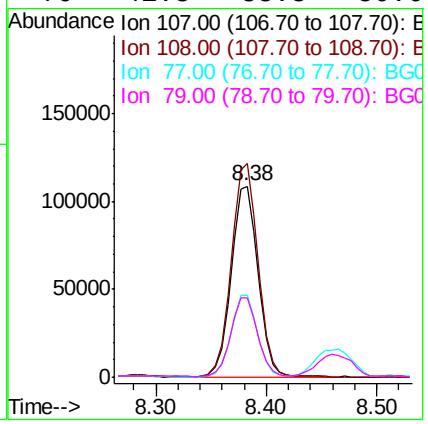




#17
2-Methylphenol
Concen: 43.212 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

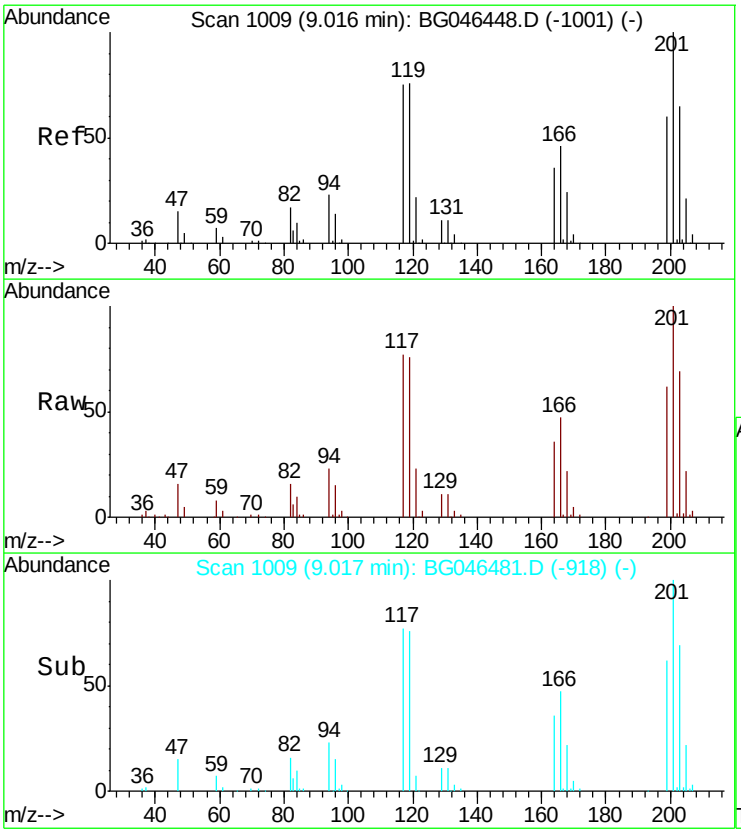
Tgt Ion:107 Resp: 186281

Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.4	134.0
77	43.1	34.5	51.7
79	41.8	33.8	50.6



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

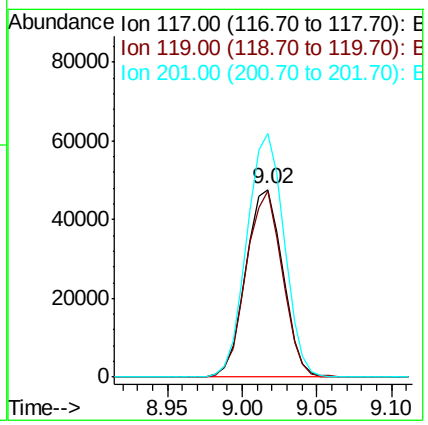
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

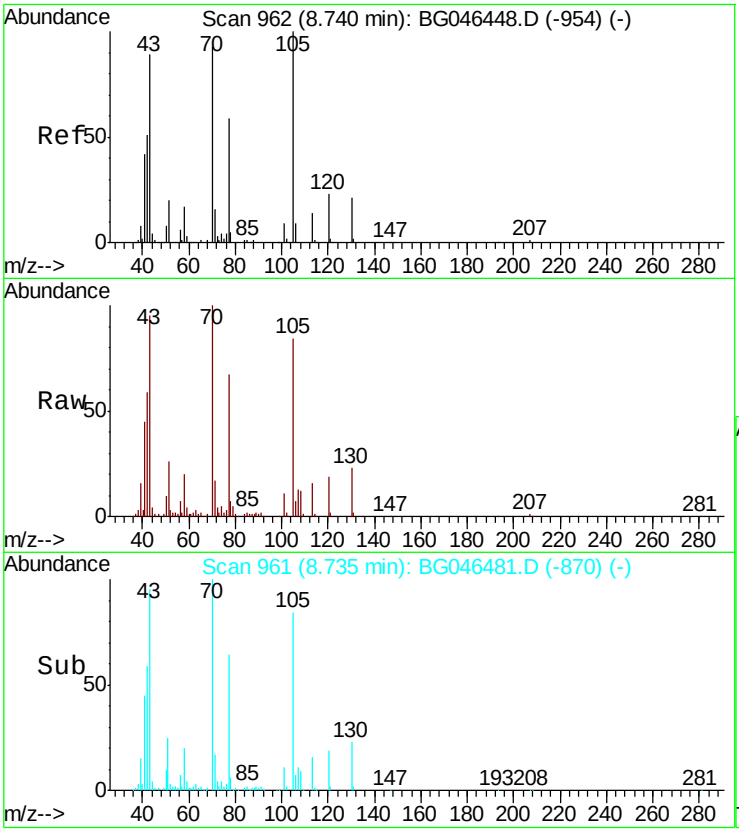


#18
Hexachloroethane
Concen: 38.627 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:117 Resp: 81909

Ion	Ratio	Lower	Upper
117	100		
119	98.7	80.8	121.2
201	129.6	106.7	160.1

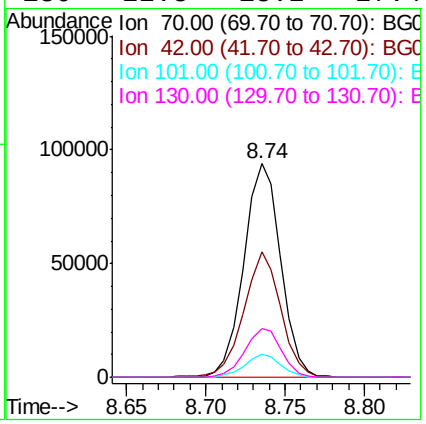




#19
n-Nitroso-di-n-propylamine
Concen: 38.342 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

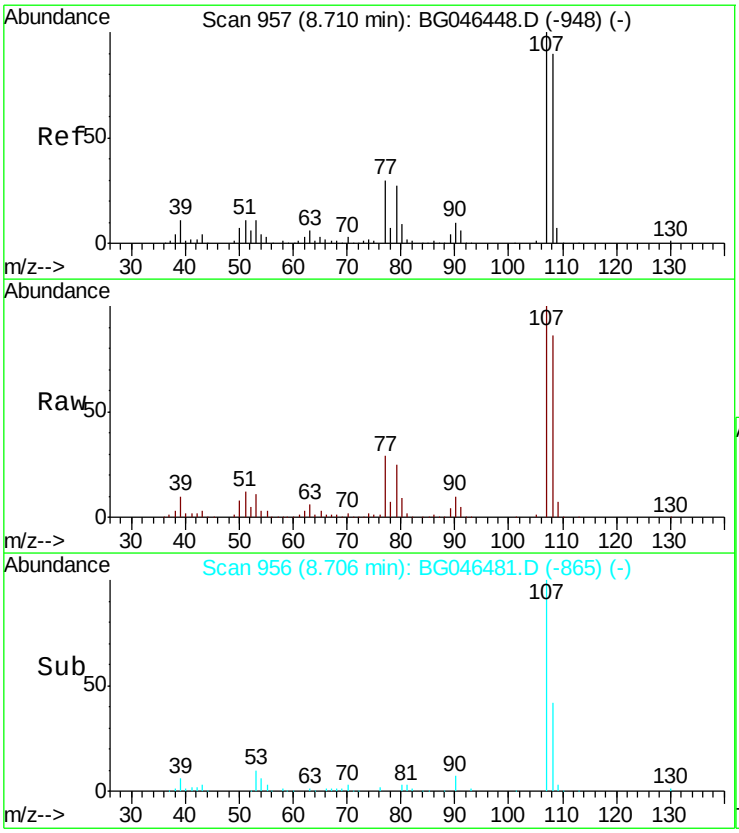
Tgt Ion: 70 Resp: 151359

Ion	Ratio	Lower	Upper
70	100		
42	58.5	44.2	66.2
101	11.0	7.8	11.8
130	22.8	18.2	27.4



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

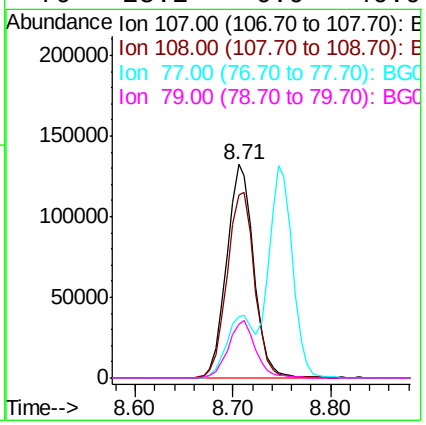
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

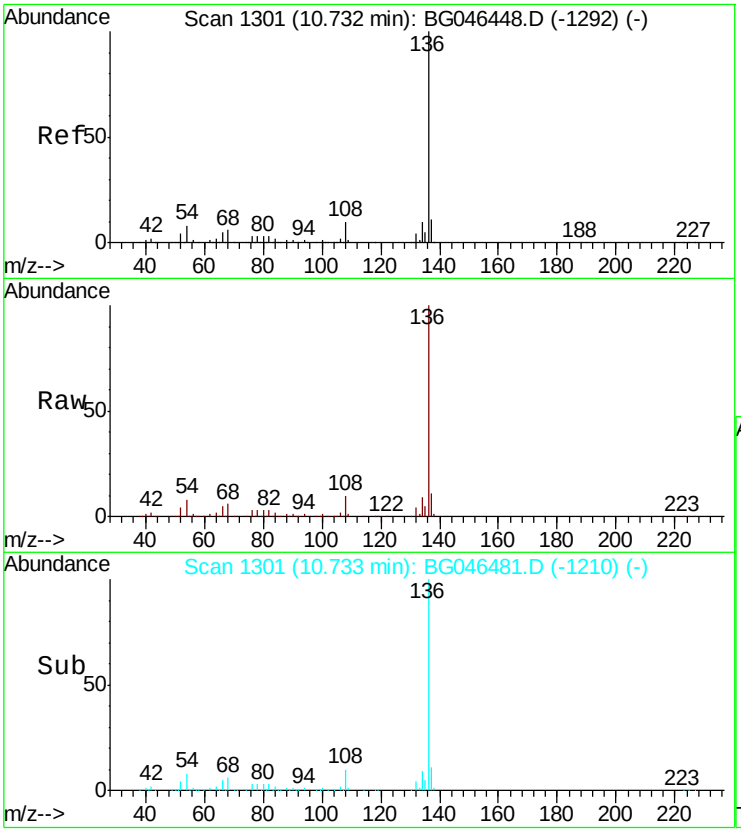


#20
3+4-Methylphenols
Concen: 42.826 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:107 Resp: 254824

Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.7	109.7
77	28.6	9.7	49.7
79	25.2	6.9	46.9

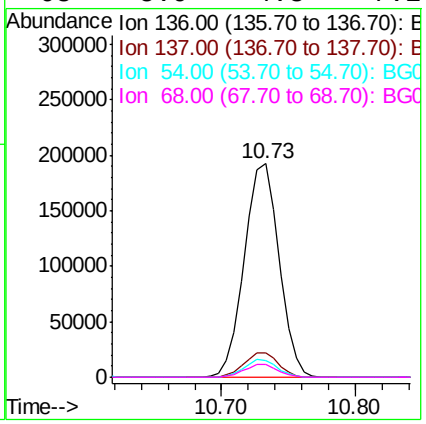




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

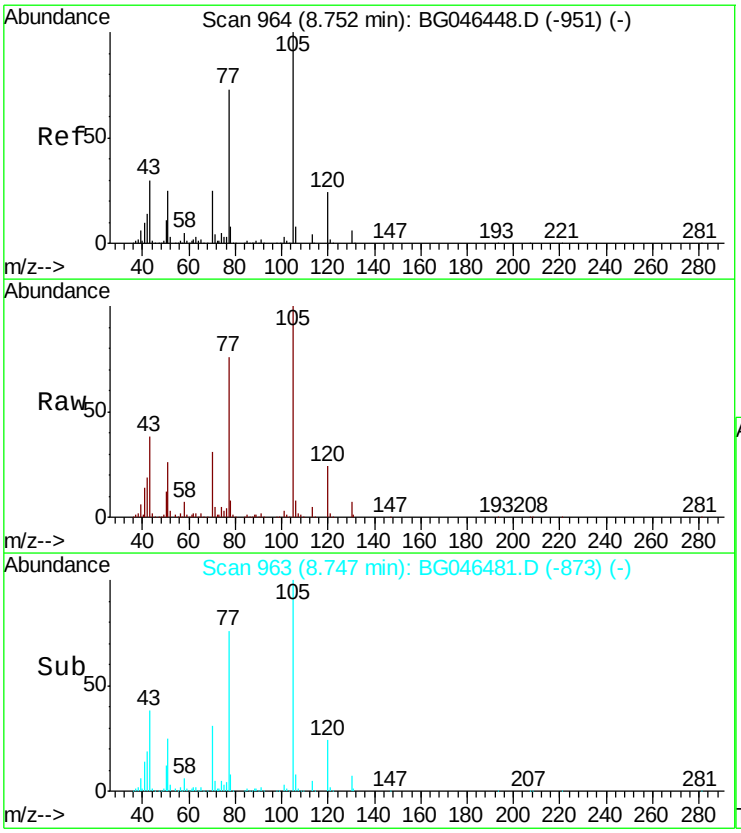
Tgt Ion:136 Resp: 346106

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.8	6.1	9.1
68	5.9	4.8	7.2



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

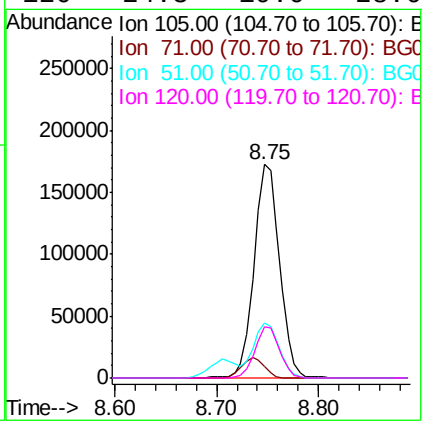
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

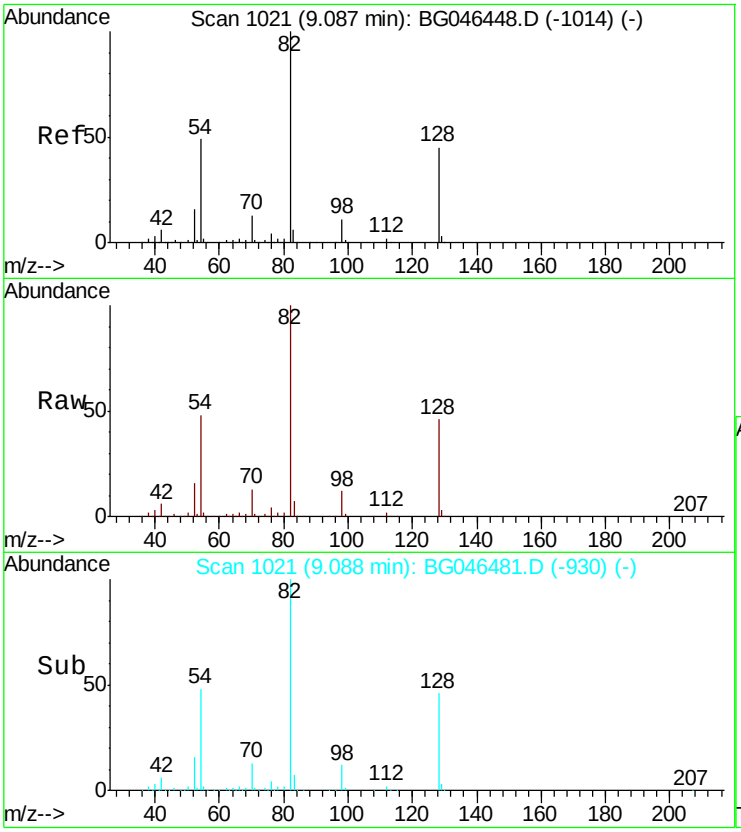


#22
Acetophenone
Concen: 35.705 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:105 Resp: 300808

Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.3	4.9#
51	25.6	20.6	31.0
120	24.3	19.0	28.6

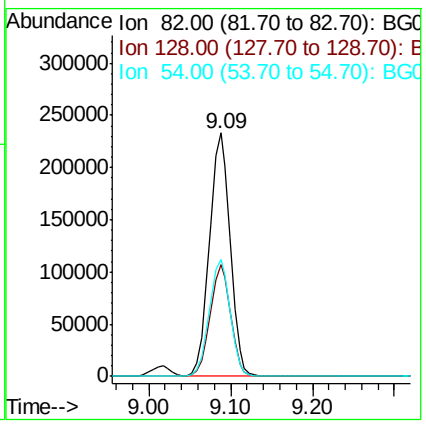




#23
Nitrobenzene-d5
Concen: 67.872 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

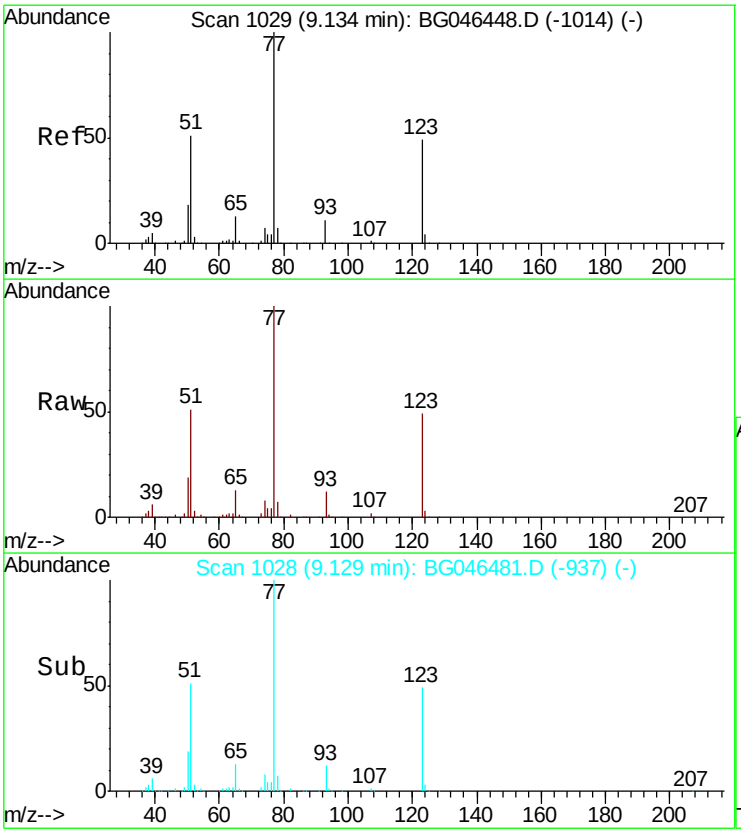
Tgt Ion: 82 Resp: 411004

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	48.3	39.4	59.0



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

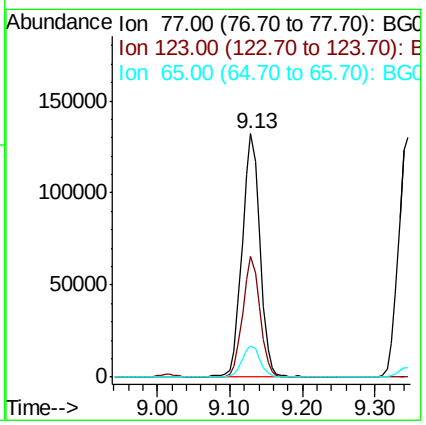
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

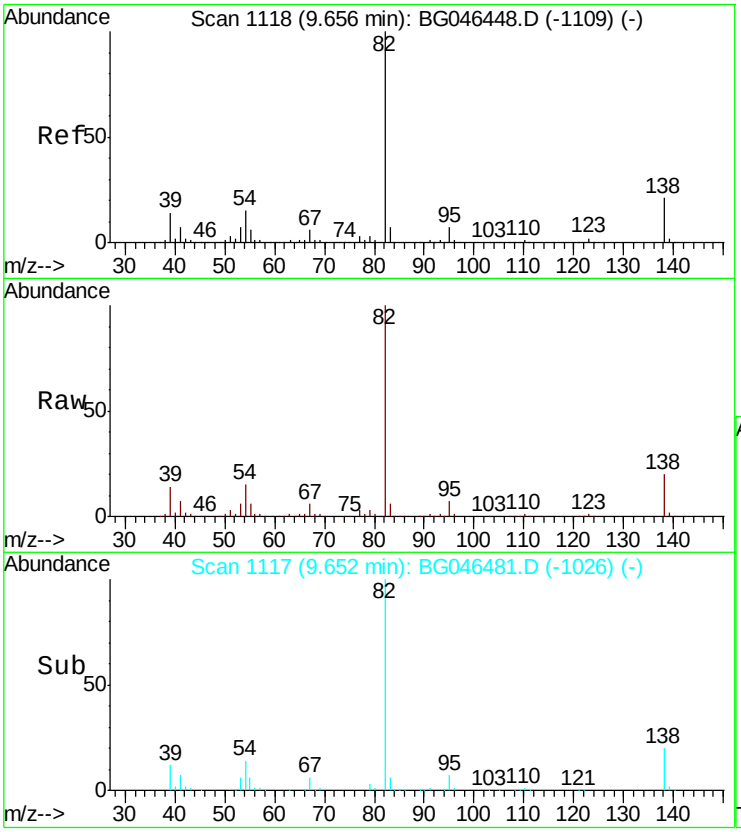


#24
Nitrobenzene
Concen: 37.680 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 77 Resp: 225420

Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.6	59.4
65	13.0	10.1	15.1

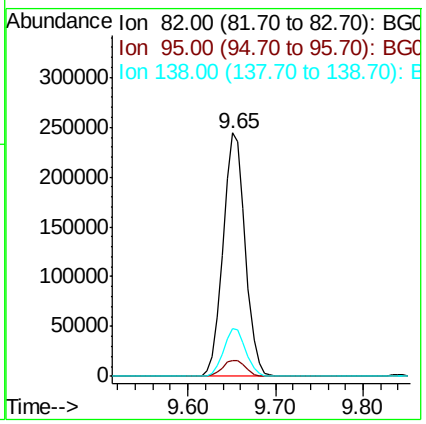




#25
Isophorone
Concen: 38.152 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

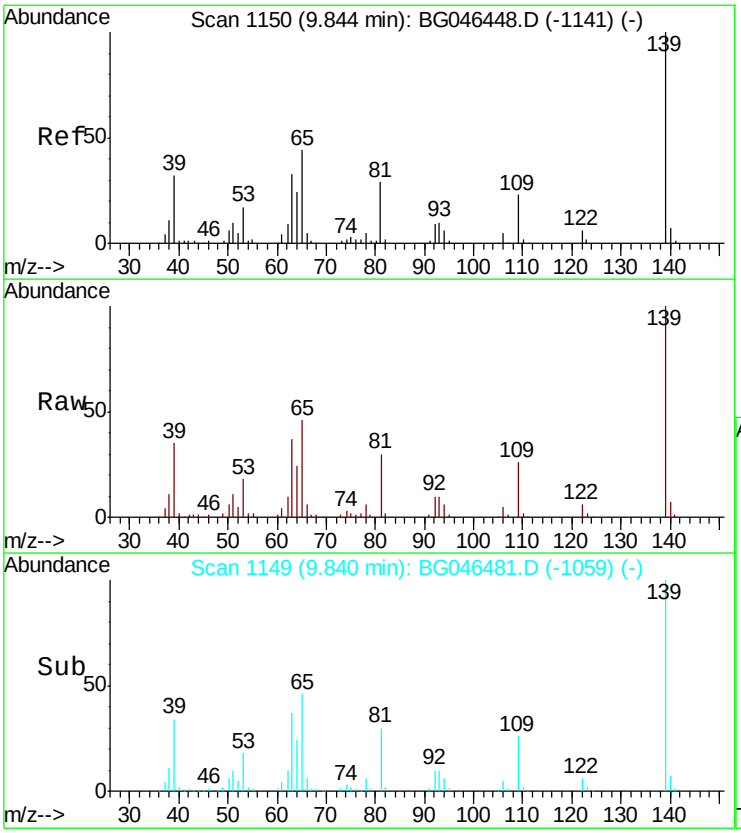
Tgt Ion: 82 Resp: 423567

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.8	8.6
138	19.8	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

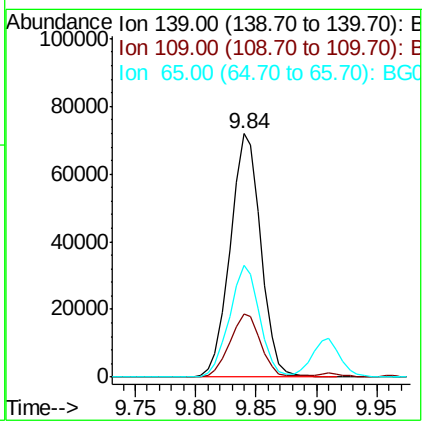
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

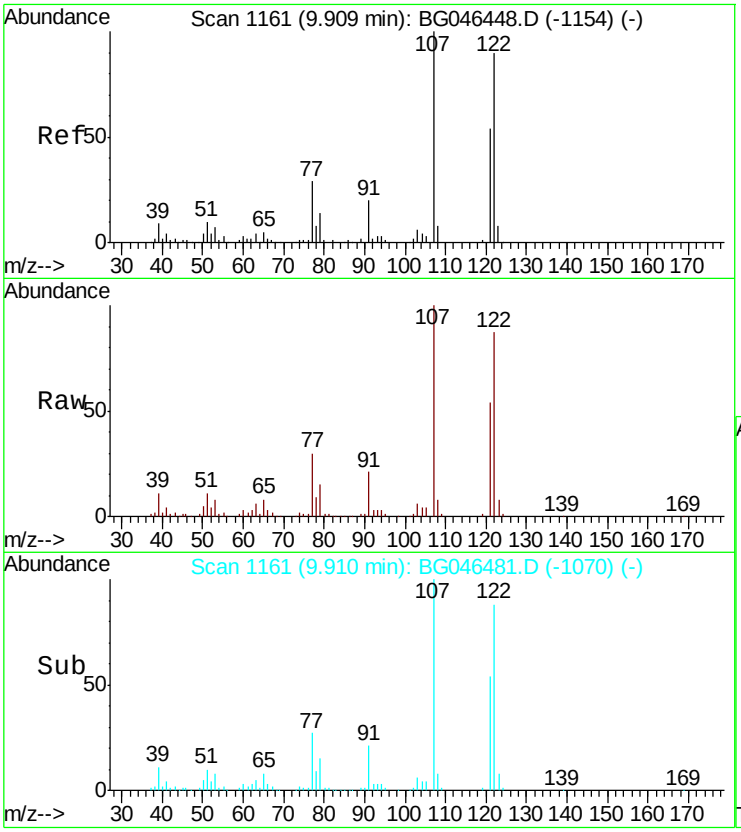


#26
2-Nitrophenol
Concen: 40.233 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:139 Resp: 126993

Ion	Ratio	Lower	Upper
139	100		
109	26.2	18.8	28.2
65	45.7	35.0	52.6

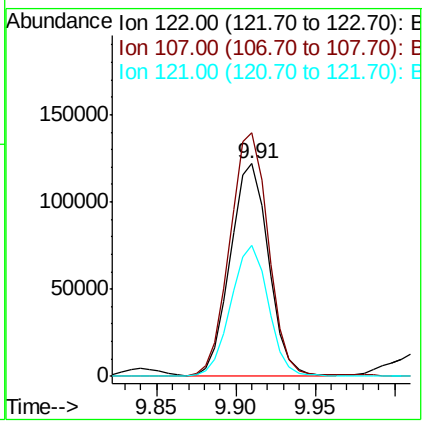




#27
2,4-Dimethylphenol
Concen: 46.815 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

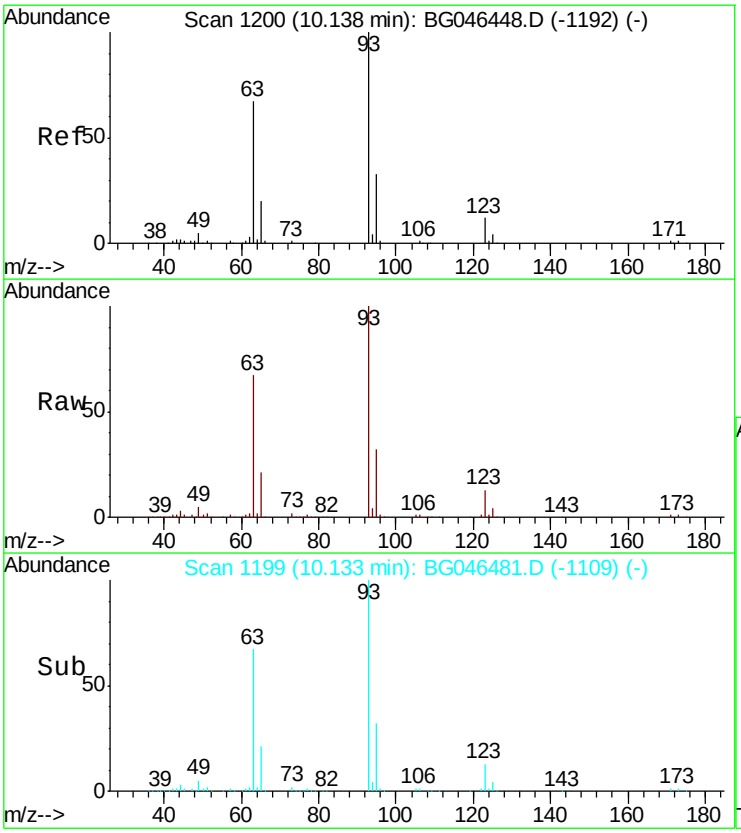
Tgt Ion:122 Resp: 203239

Ion	Ratio	Lower	Upper
122	100		
107	114.5	88.2	132.2
121	61.5	47.4	71.0



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

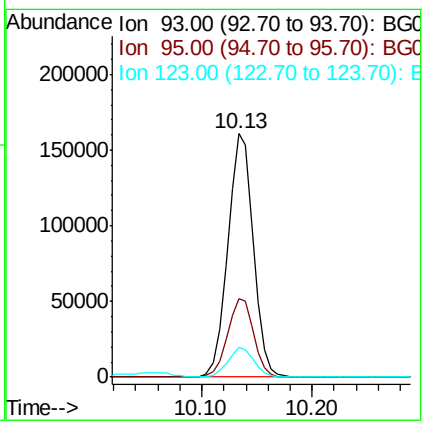
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

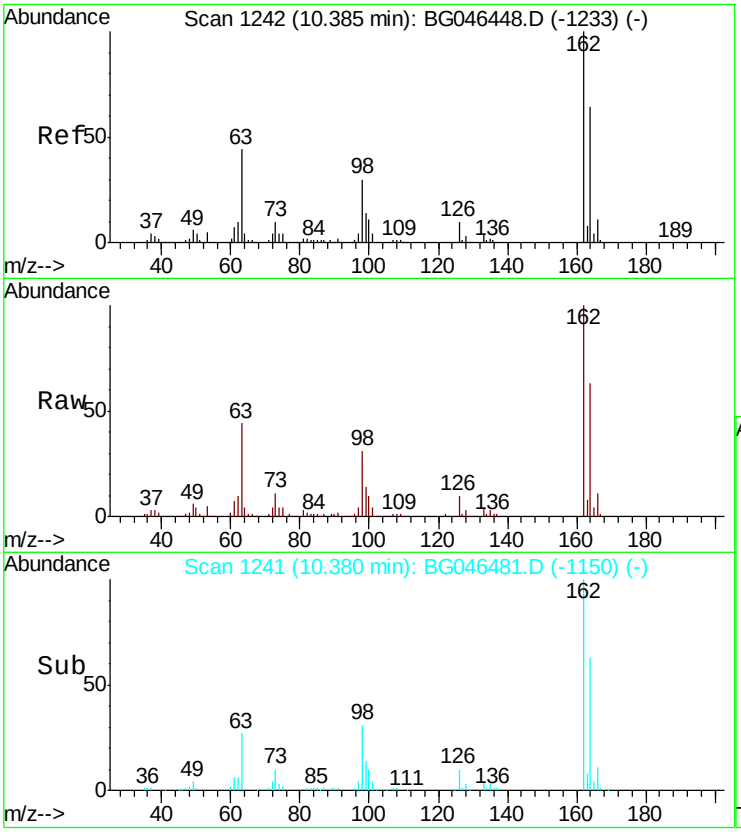


#28
bis(2-Chloroethoxy)methane
Concen: 36.354 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 93 Resp: 259778

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.5	9.5	14.3

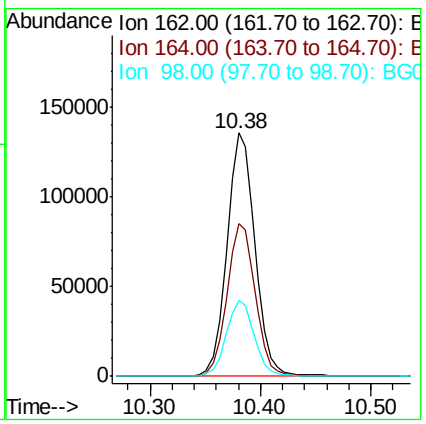




#29
2,4-Dichlorophenol
Concen: 41.643 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

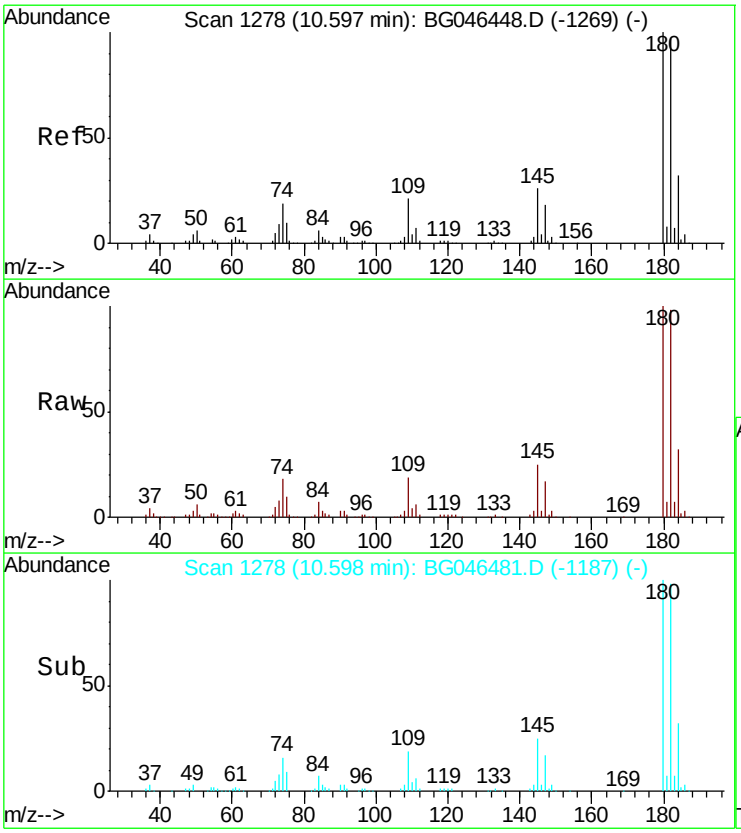
Tgt Ion:162 Resp: 241002

Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.3	84.3
98	31.4	10.0	50.0



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

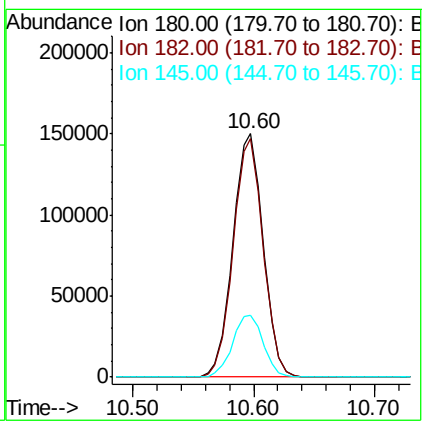
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

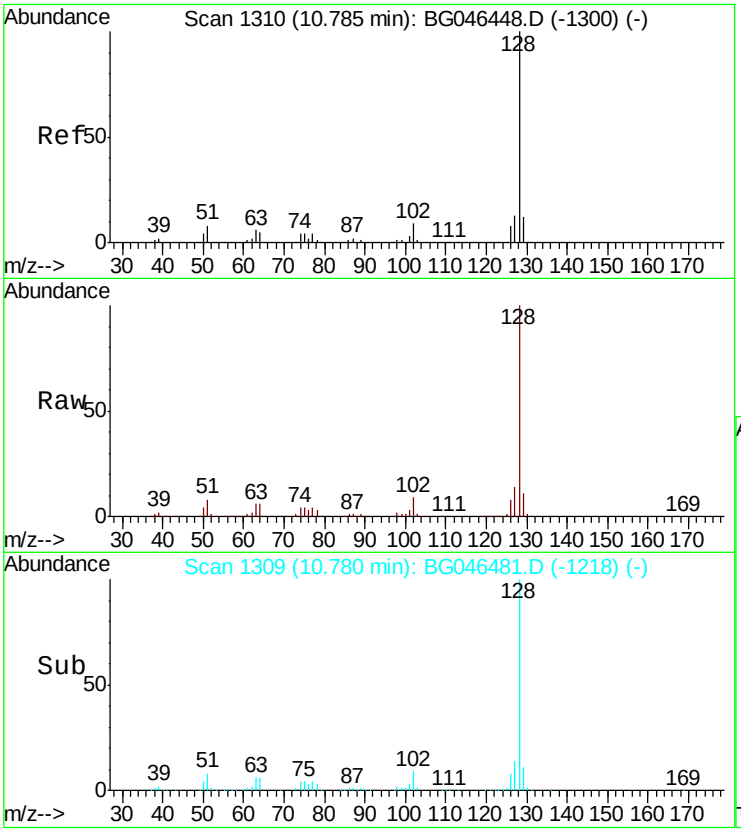


#30
1,2,4-Trichlorobenzene
Concen: 38.147 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:180 Resp: 261943

Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.8	116.8
145	25.5	20.9	31.3

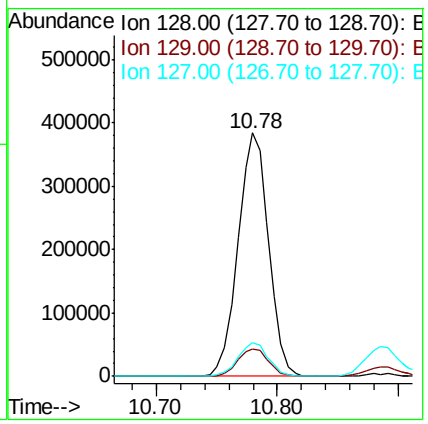




#31
Naphthalene
Concen: 39.761 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

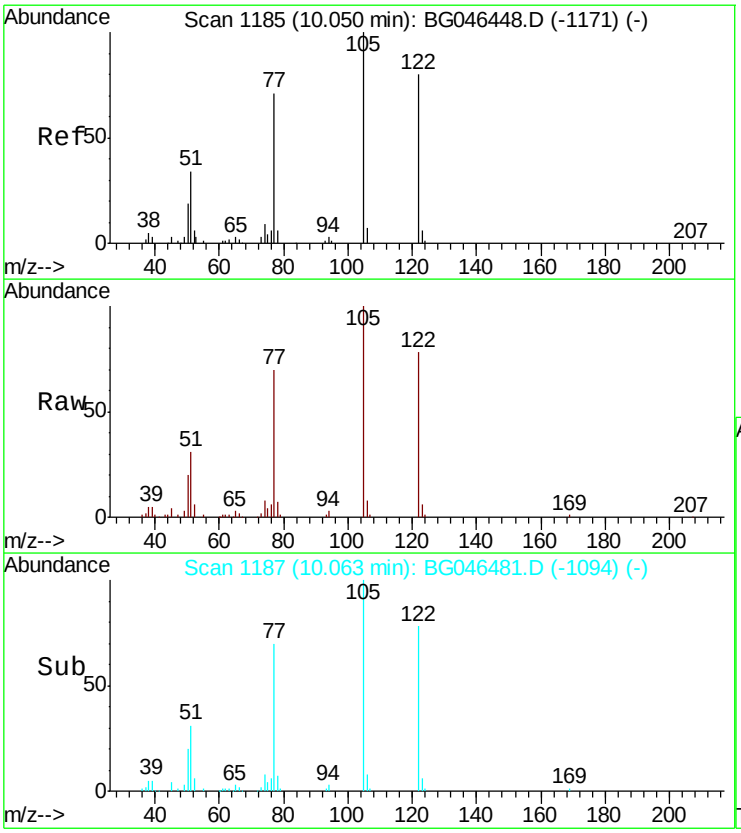
Tgt Ion:128 Resp: 671927

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	14.1	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

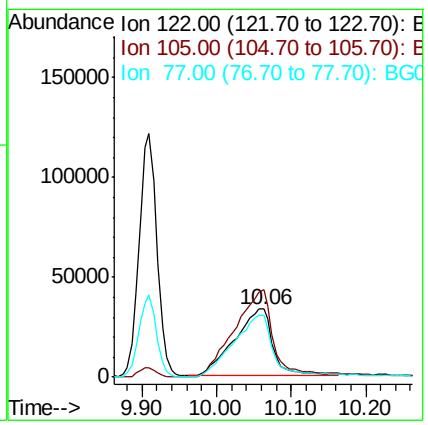
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

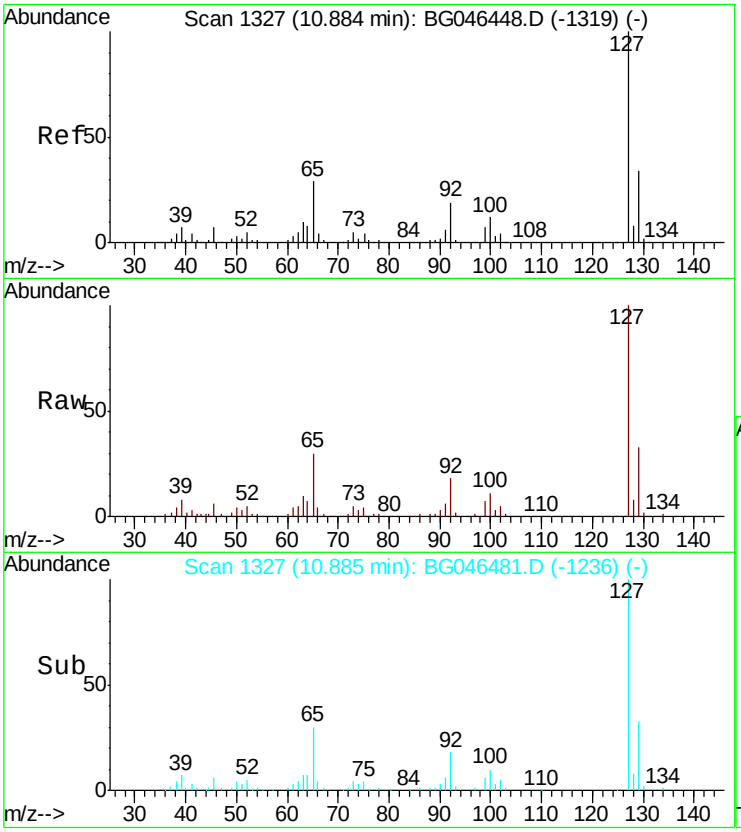


#32
Benzoic acid
Concen: 40.274 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:122 Resp: 122155

Ion	Ratio	Lower	Upper
122	100		
105	128.6	102.5	142.5
77	90.1	68.2	108.2

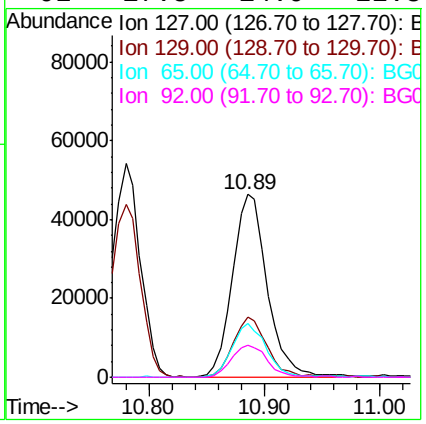




#33
4-Chloroaniline
Concen: 13.004 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

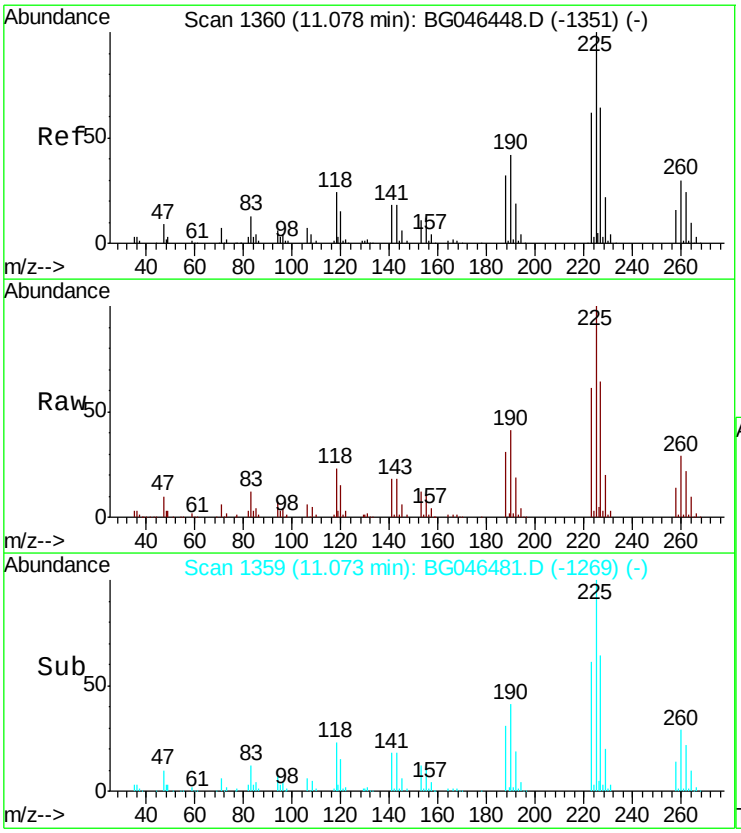
Tgt Ion:127 Resp: 96905

Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	29.6	23.5	35.3
92	17.5	14.9	22.3



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

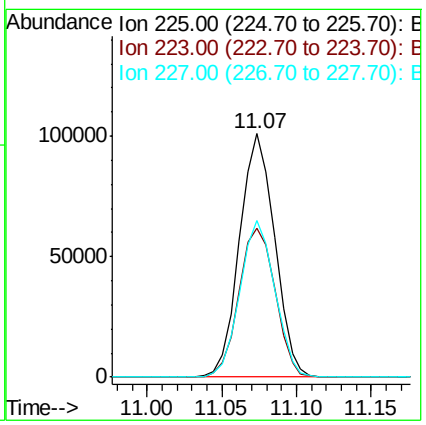
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

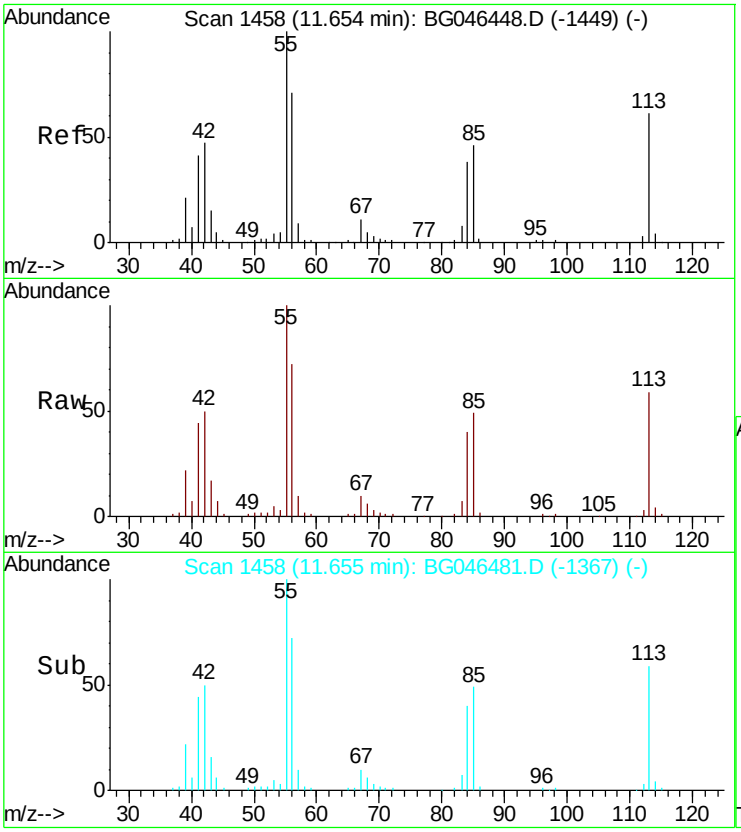


#34
Hexachlorobutadiene
Concen: 36.884 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:225 Resp: 164411

Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.9	74.9
227	64.3	51.6	77.4

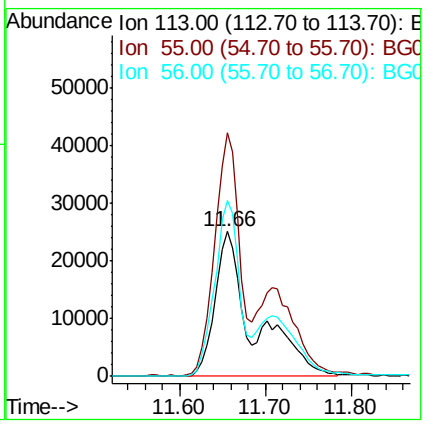




#35
Caprolactam
Concen: 36.183 ng m
RT: 11.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

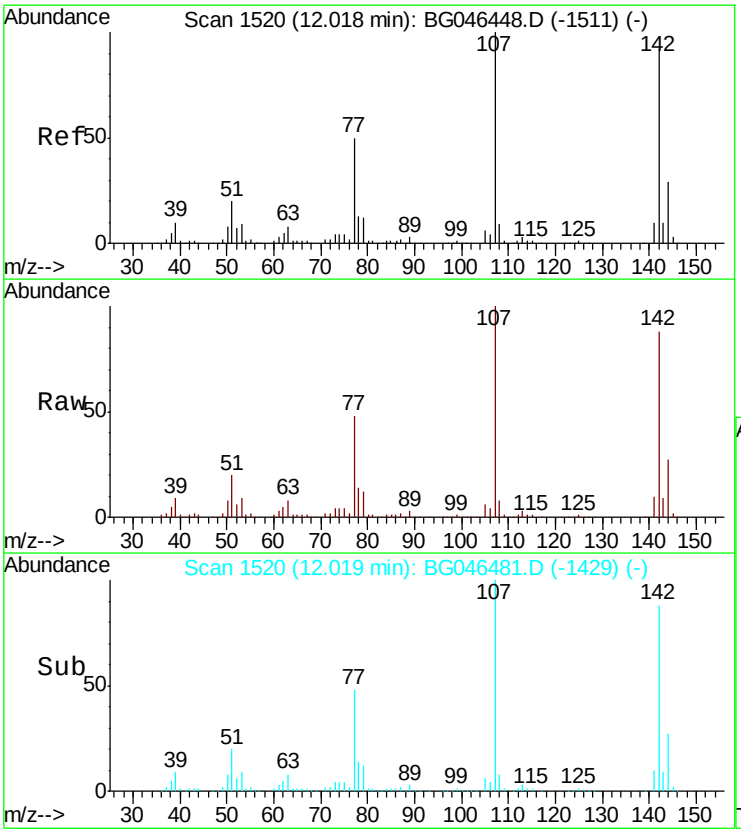
Tgt Ion:113 Resp: 78275

Ion	Ratio	Lower	Upper
113	100		
55	168.3	144.2	184.2
56	121.2	97.0	137.0



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

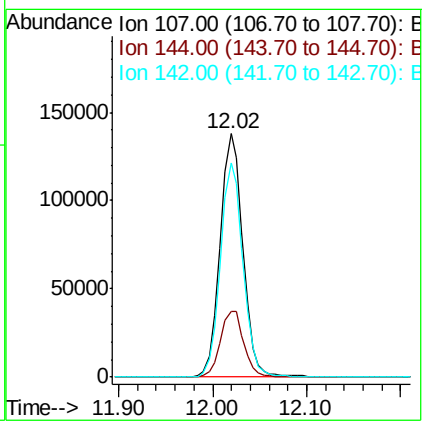
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

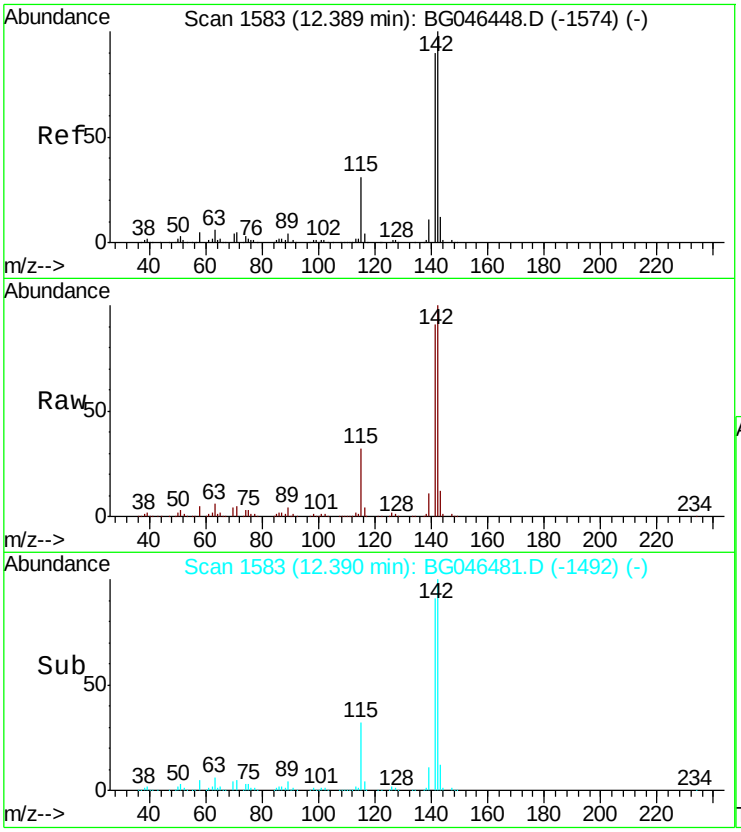


#36
4-Chloro-3-methylphenol
Concen: 41.247 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:107 Resp: 233477

Ion	Ratio	Lower	Upper
107	100		
144	27.2	23.3	34.9
142	87.9	73.7	110.5

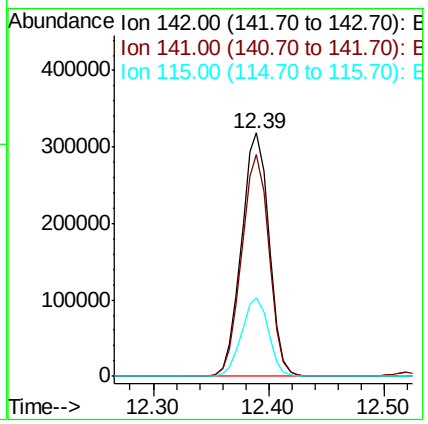




#37
2-Methylnaphthalene
Concen: 39.621 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

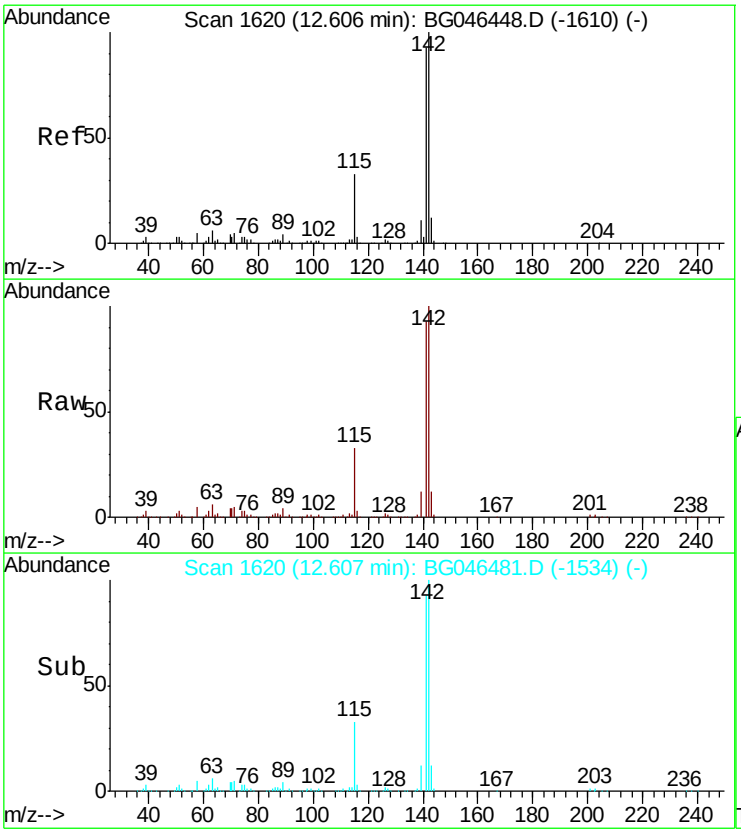
Tgt Ion:142 Resp: 528058

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.1	108.1
115	32.5	24.9	37.3



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

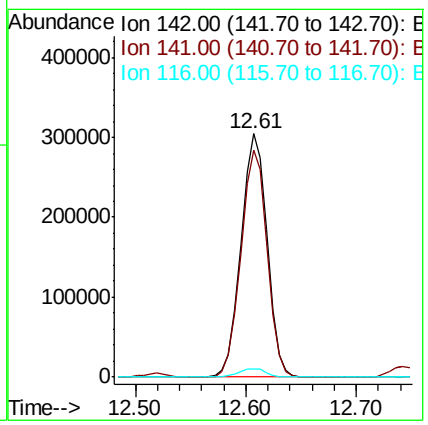
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

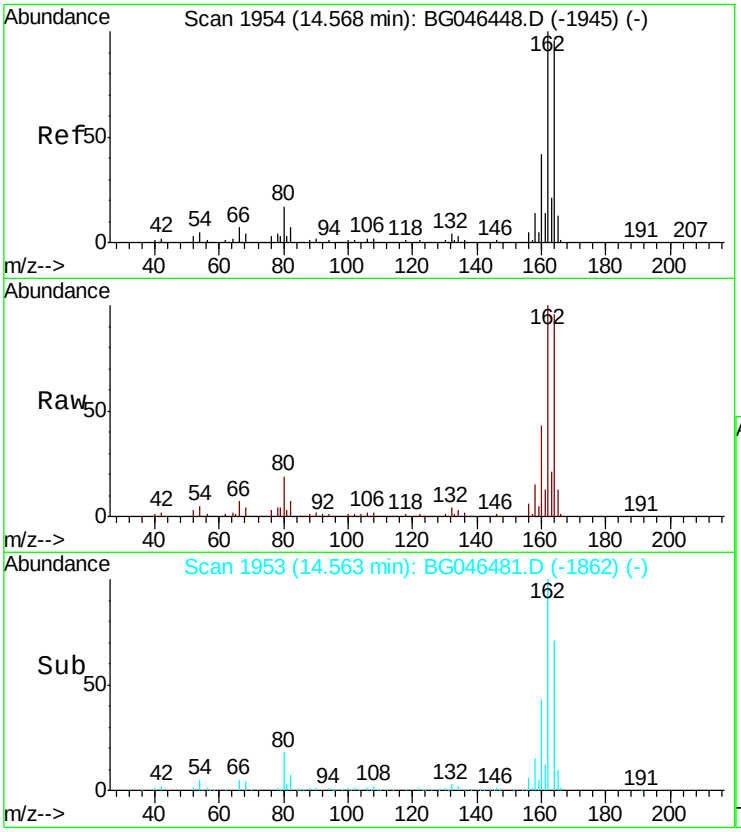


#38
1-Methylnaphthalene
Concen: 39.983 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:142 Resp: 504766

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1
116	3.4	2.6	4.0

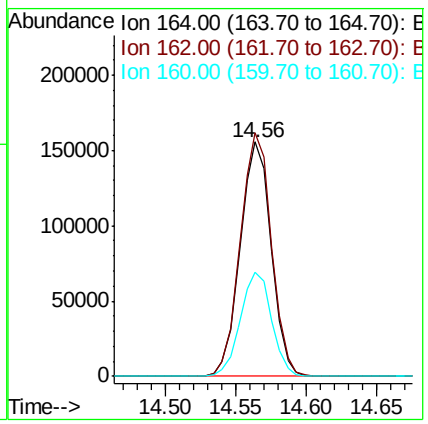




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

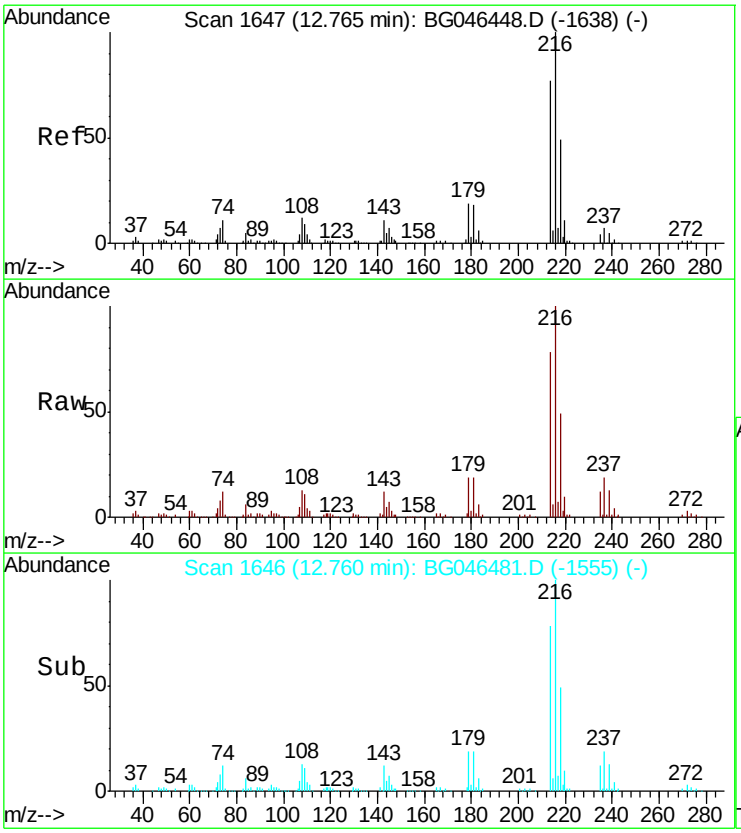
Tgt Ion:164 Resp: 238262

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.3	124.9
160	44.5	35.0	52.6



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

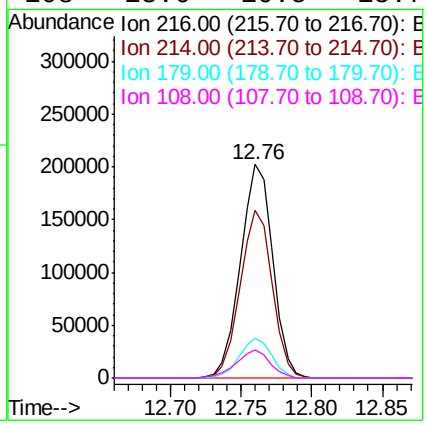
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

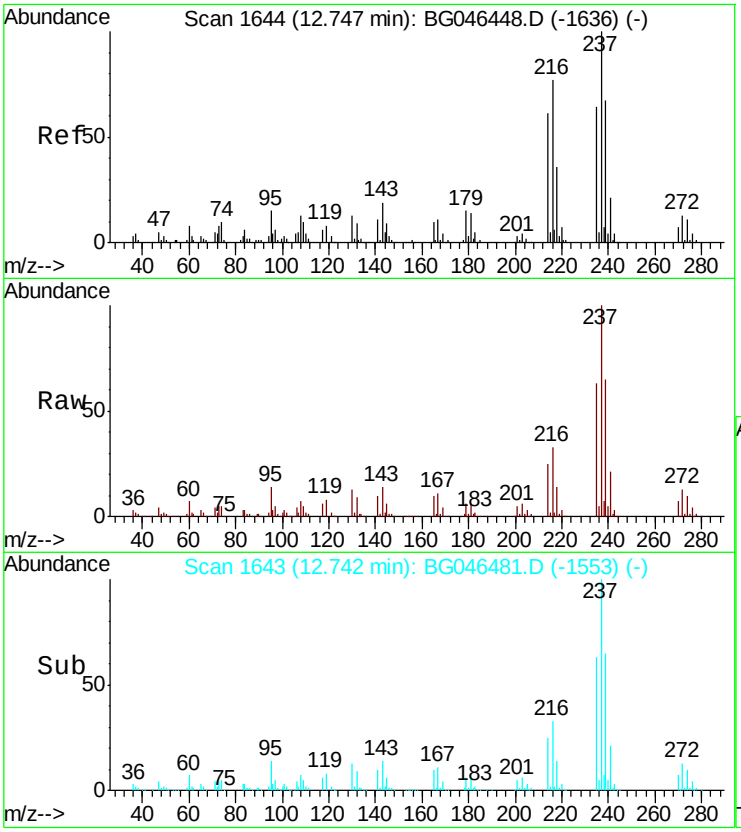


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.135 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:216 Resp: 323201

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.1	93.1
179	18.4	14.9	22.3
108	13.6	10.5	15.7

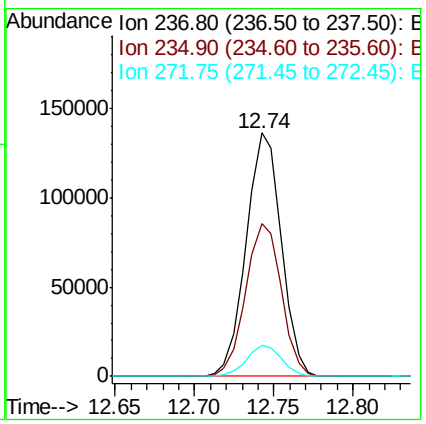




#41
Hexachlorocyclopentadiene
Concen: 61.602 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

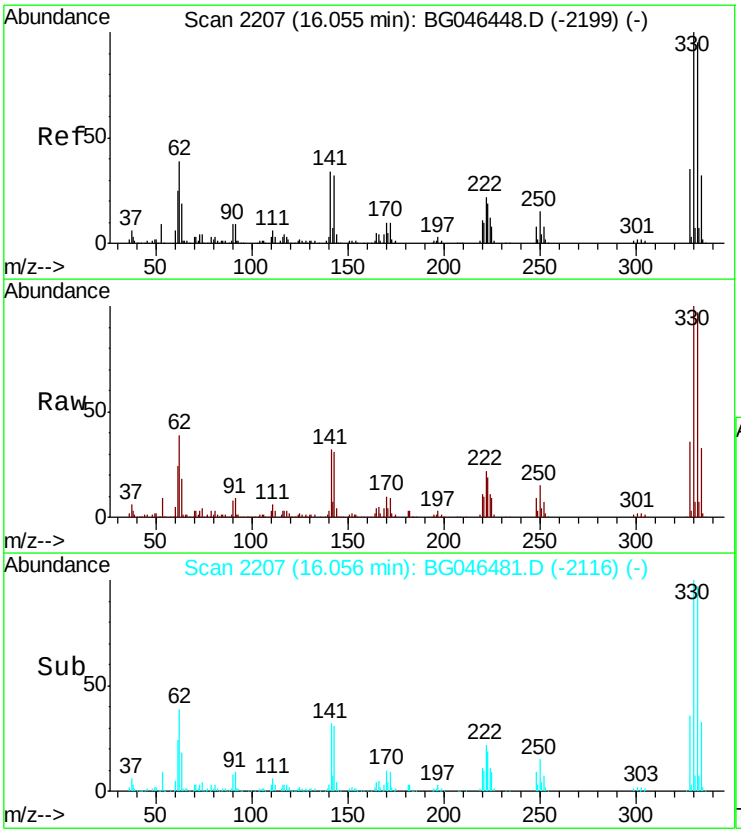
Tgt Ion:237 Resp: 210459

Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.5	84.5
272	12.7	0.0	32.8



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

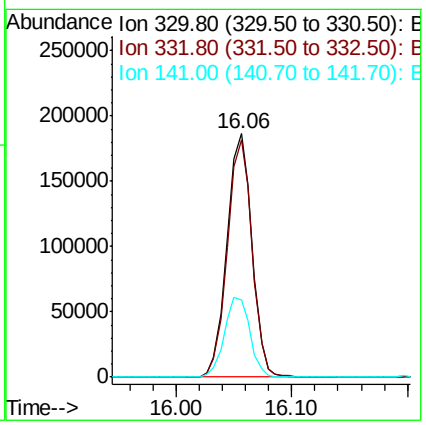
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

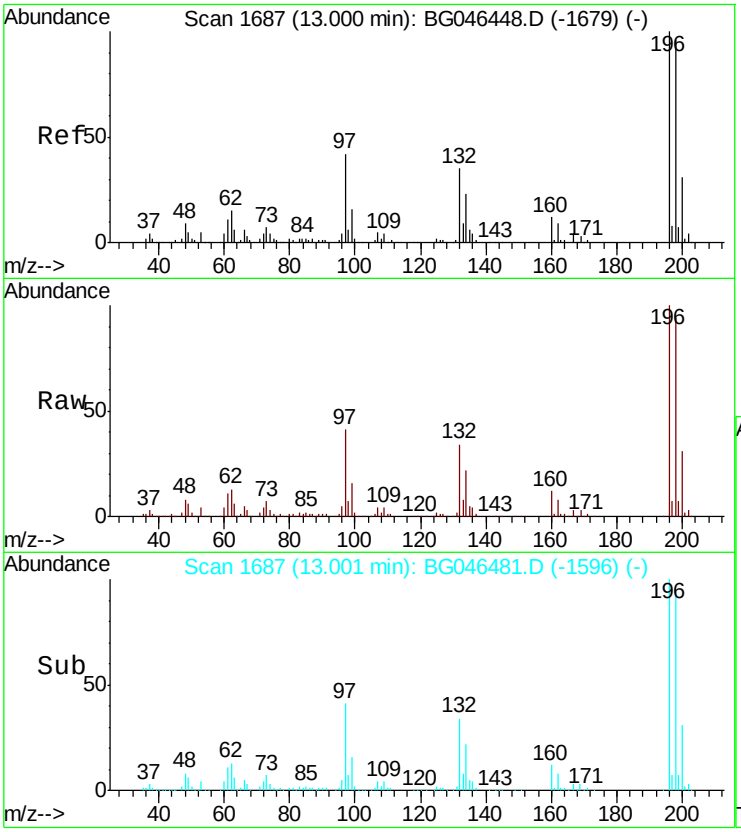


#42
2,4,6-Tribromophenol
Concen: 86.508 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:330 Resp: 279273

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	33.6	26.1	39.1





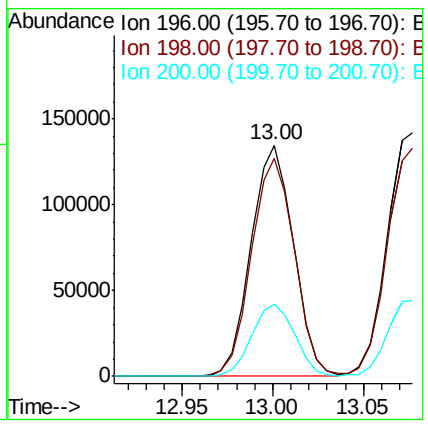
#43
2,4,6-Trichlorophenol
Concen: 41.321 ng
RT: 13.00 min Scan# 1687
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

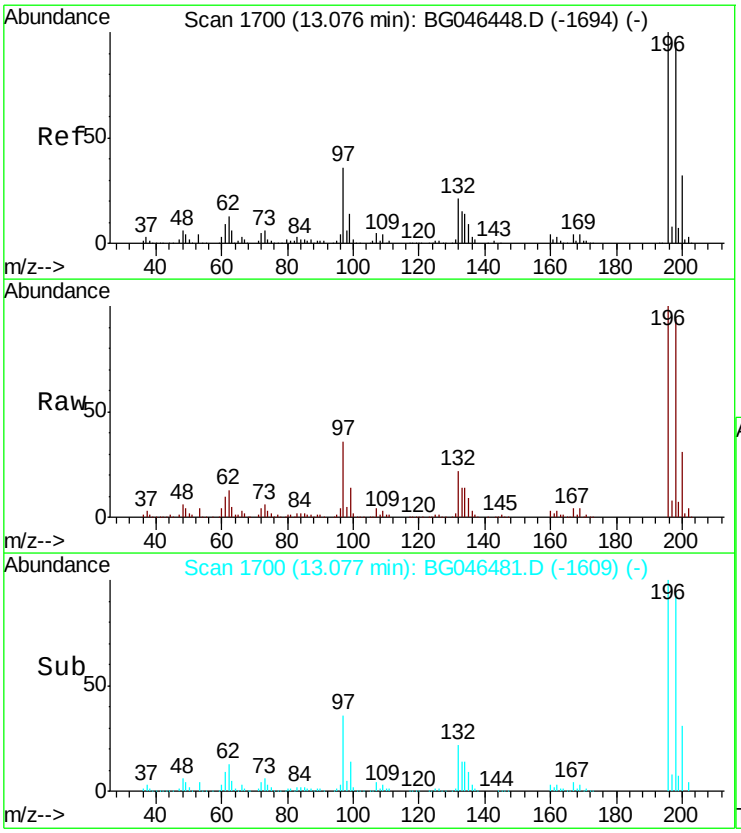
Tgt Ion:196 Resp: 219090

Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.0	115.6
200	31.1	25.2	37.8

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

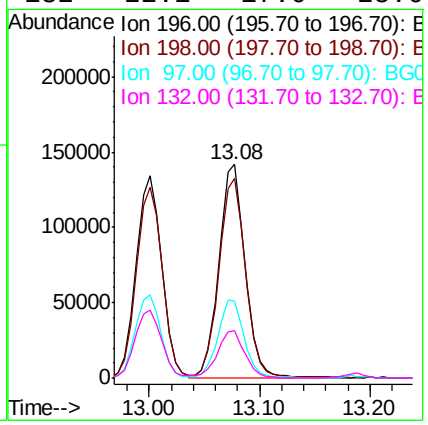


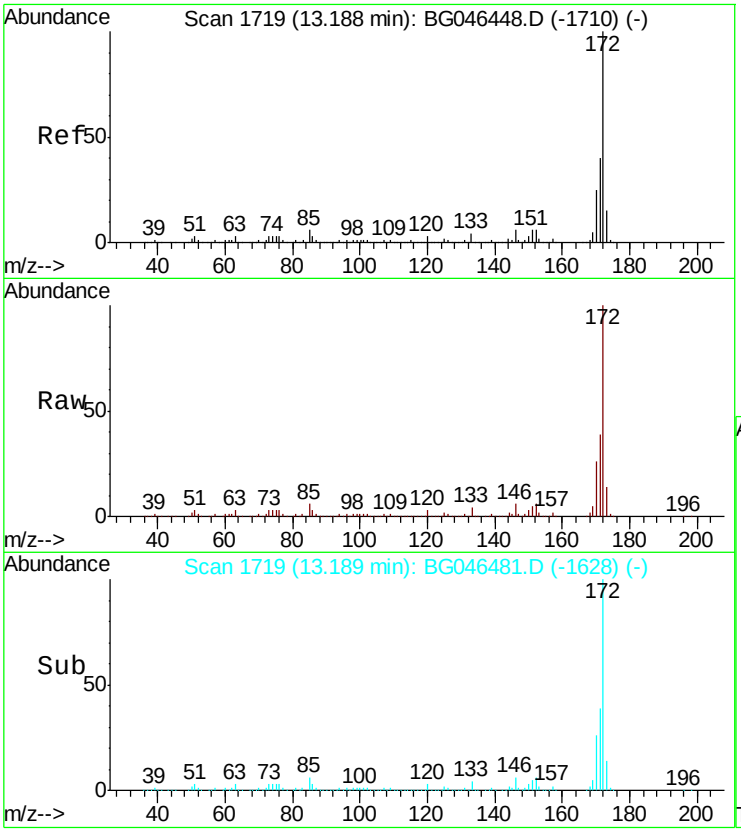


#44
2,4,5-Trichlorophenol
Concen: 42.028 ng
RT: 13.08 min Scan# 1700
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:196 Resp: 234129

Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.6	113.4
97	35.8	28.6	43.0
132	22.1	17.0	25.6

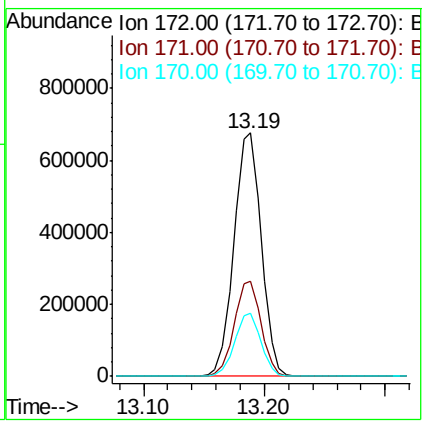




#45
2-Fluorobiphenyl
Concen: 68.305 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

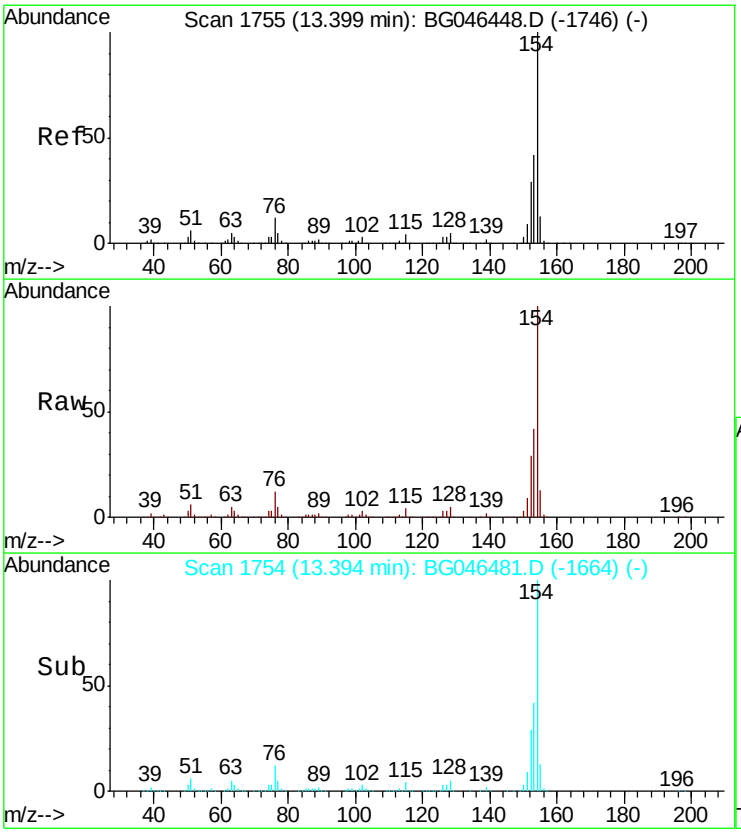
Tgt Ion:172 Resp: 1066092

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.8	47.6
170	26.0	20.3	30.5



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

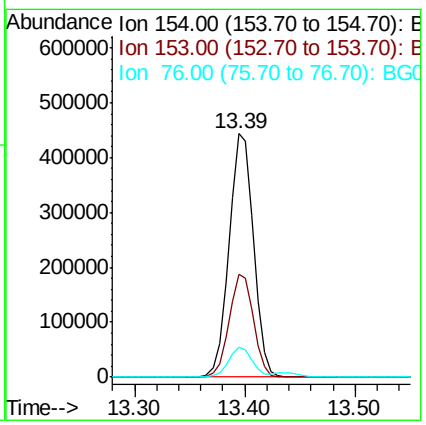
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

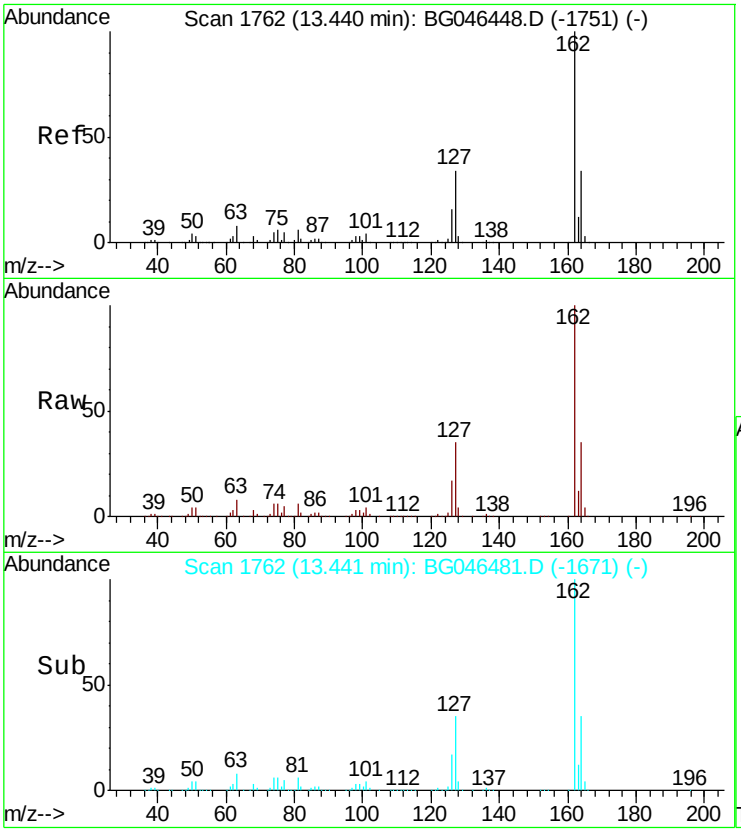


#46
1,1'-Biphenyl
Concen: 41.479 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:154 Resp: 687592

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.0	62.0
76	12.4	0.0	32.3

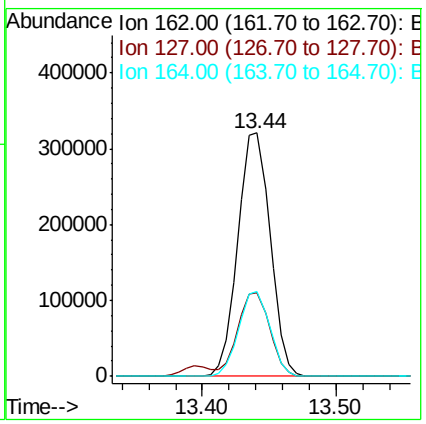




#47
2-Chloronaphthalene
Concen: 38.212 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

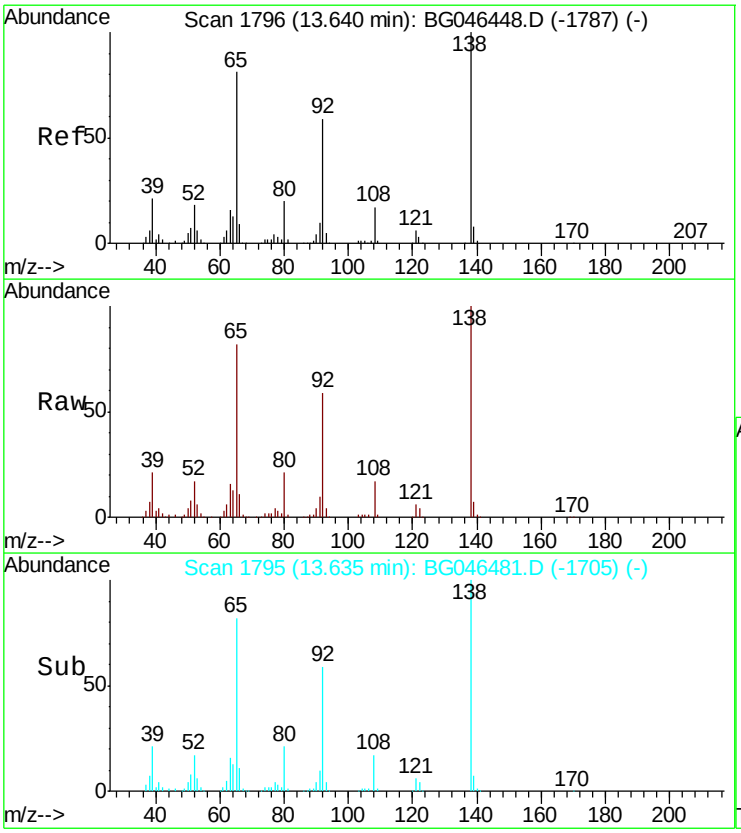
Tgt Ion:162 Resp: 537070

Ion	Ratio	Lower	Upper
162	100		
127	34.6	27.6	41.4
164	34.9	27.3	40.9



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

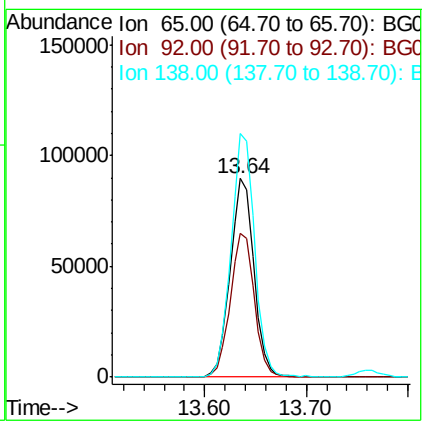
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

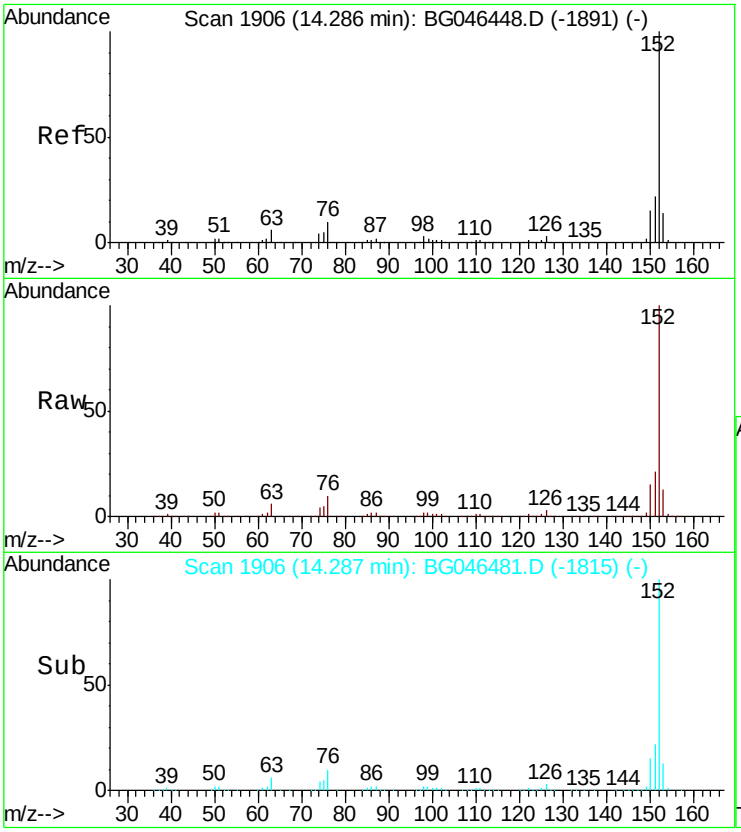


#48
2-Nitroaniline
Concen: 37.364 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion: 65 Resp: 145821

Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.5	87.7
138	122.5	98.4	147.6

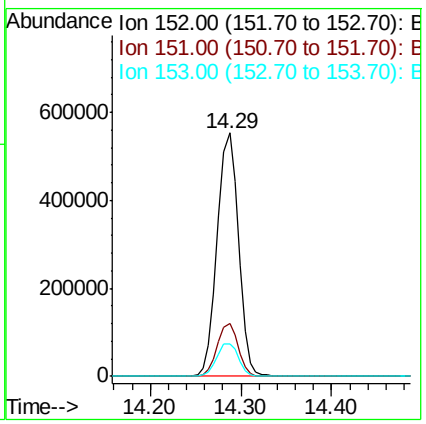




#49
Acenaphthylene
Concen: 42.195 ng
RT: 14.29 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

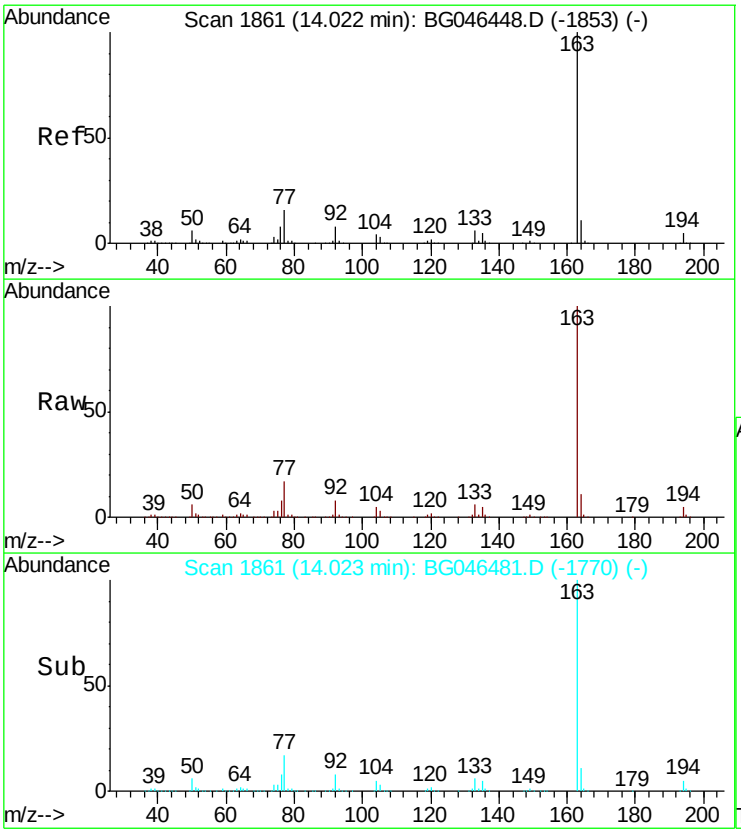
Tgt Ion:152 Resp: 899606

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.7	26.5
153	13.5	11.2	16.8



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

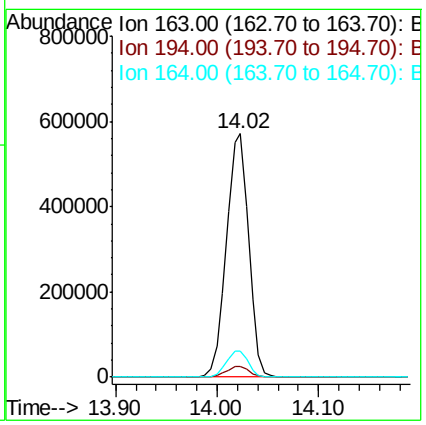
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

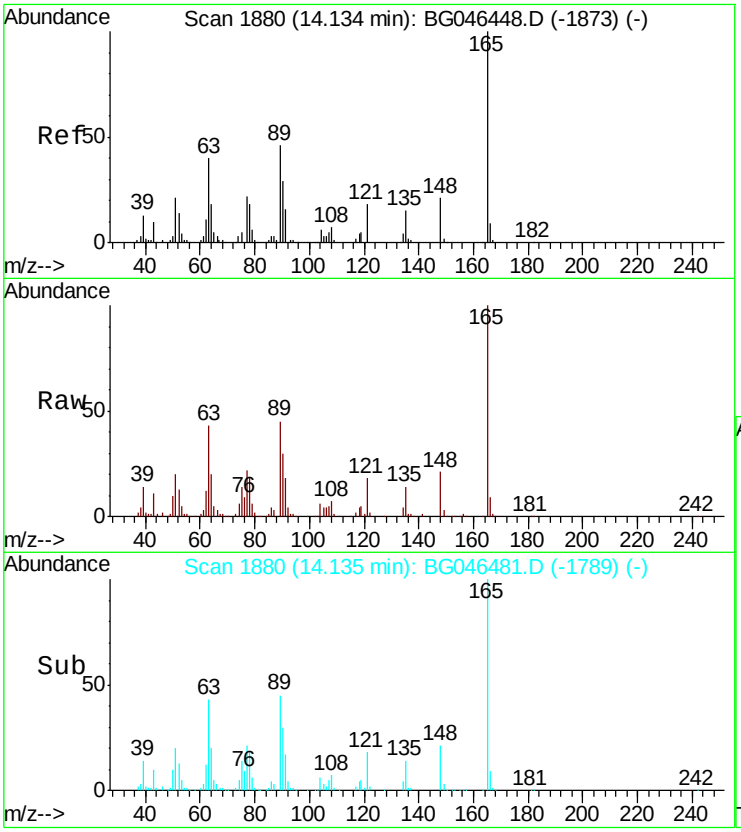


#50
Dimethylphthalate
Concen: 46.934 ng
RT: 14.02 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:163 Resp: 865148

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.7	8.6	12.8

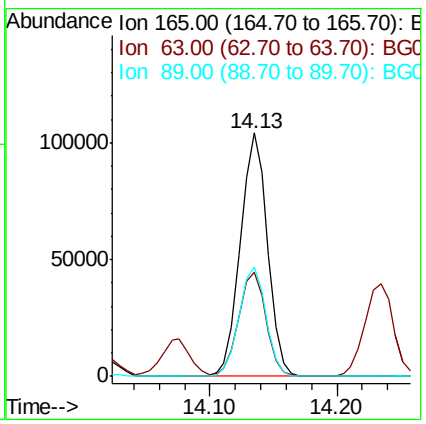




#51
2,6-Dinitrotoluene
Concen: 37.980 ng
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

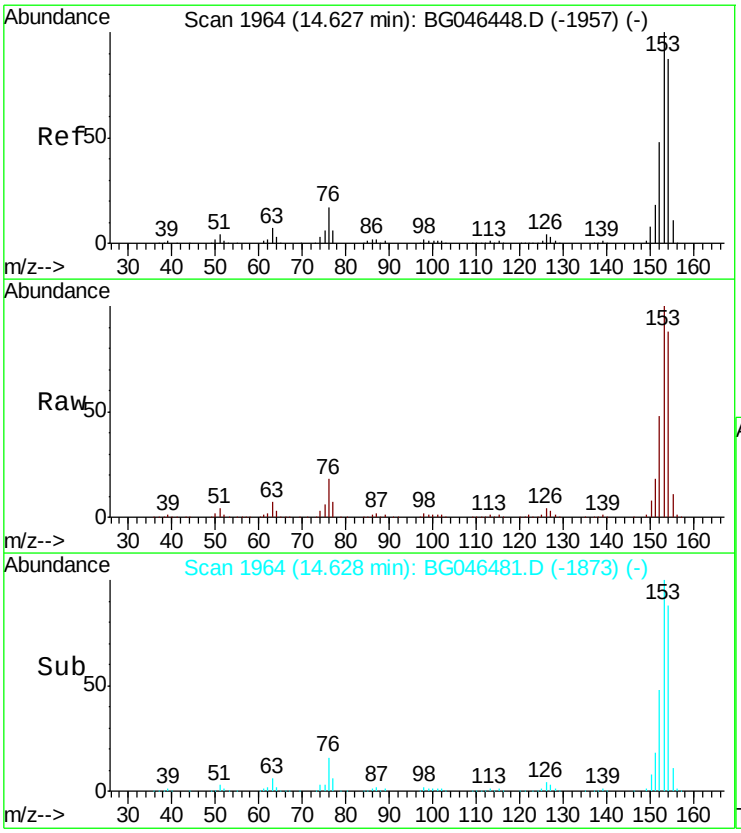
Tgt Ion:165 Resp: 154324

Ion	Ratio	Lower	Upper
165	100		
63	43.0	34.2	51.4
89	44.9	37.0	55.4



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

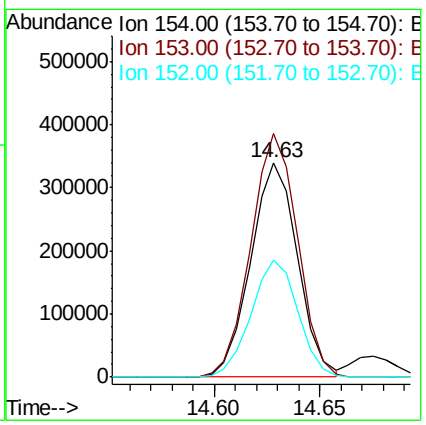
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

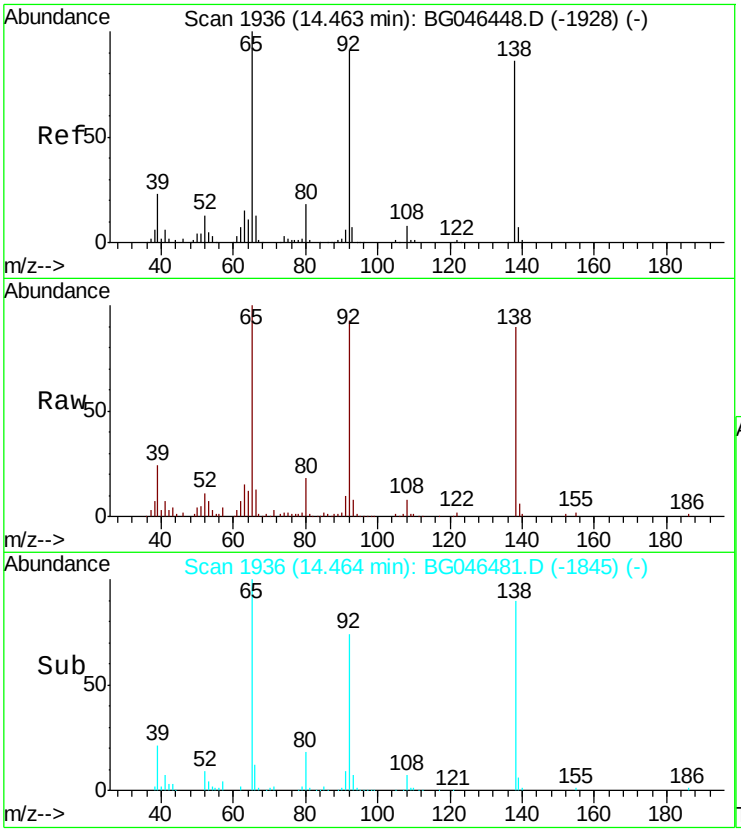


#52
Acenaphthene
Concen: 39.700 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:154 Resp: 524505

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.9	137.9
152	54.5	43.8	65.6

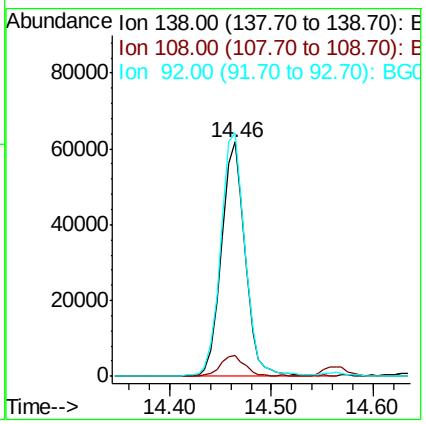




#53
3-Nitroaniline
Concen: 22.951 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

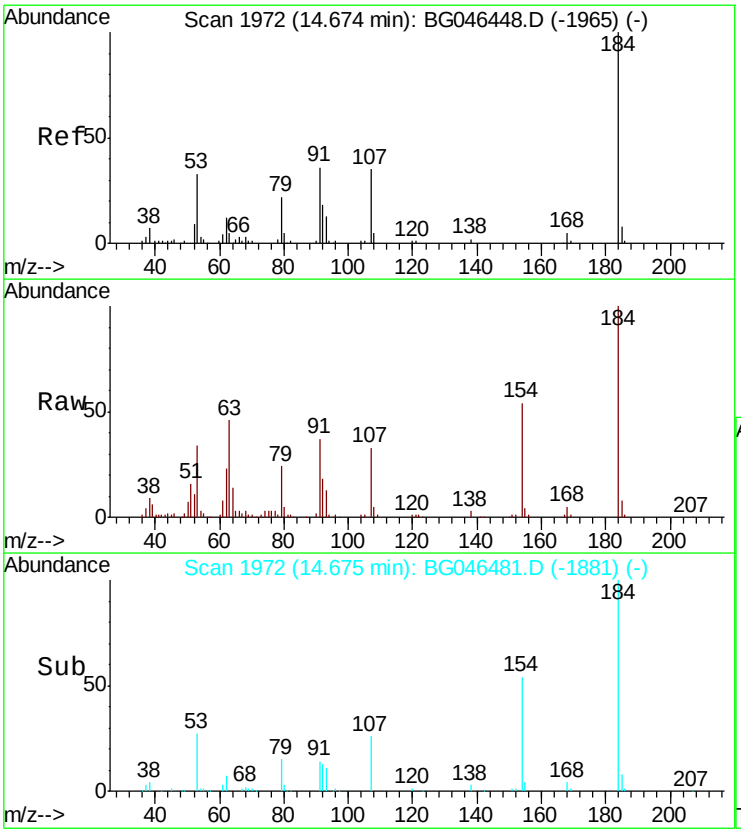
Tgt Ion:138 Resp: 101015

Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.0	10.6
92	104.0	84.6	127.0



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

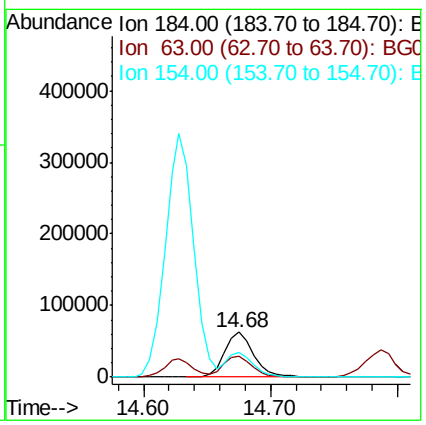
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

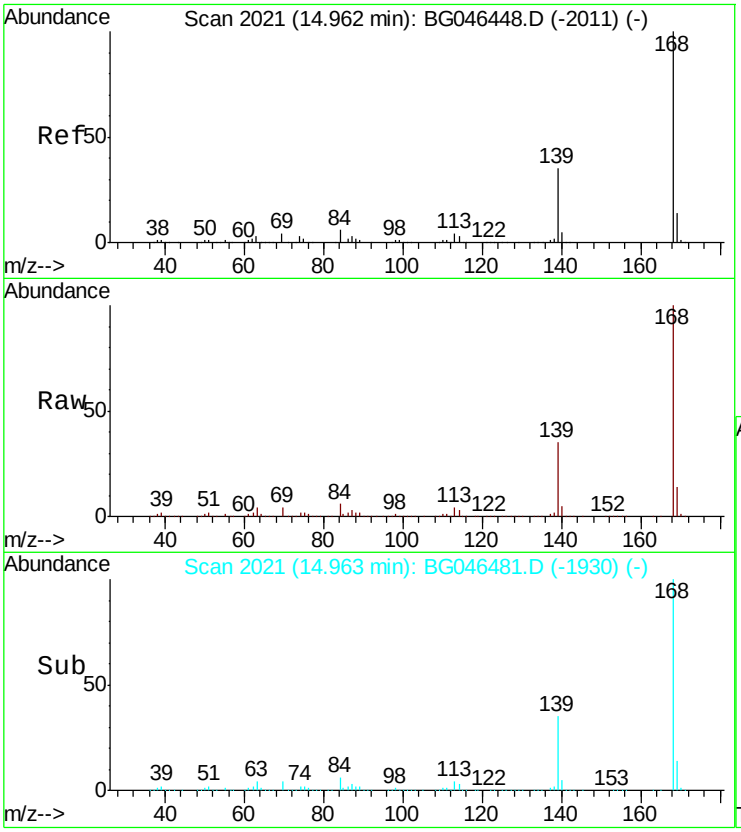


#54
2,4-Dinitrophenol
Concen: 42.075 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:184 Resp: 99793

Ion	Ratio	Lower	Upper
184	100		
63	46.1	35.6	53.4
154	54.2	44.3	66.5

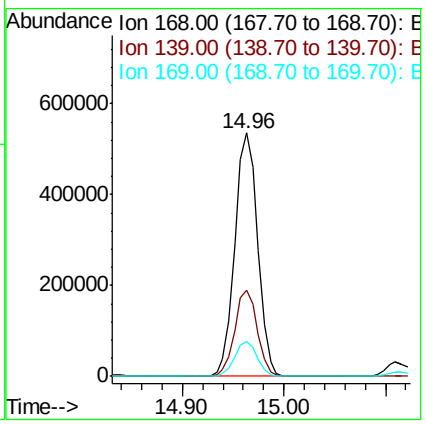




#55
Dibenzofuran
Concen: 39.443 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

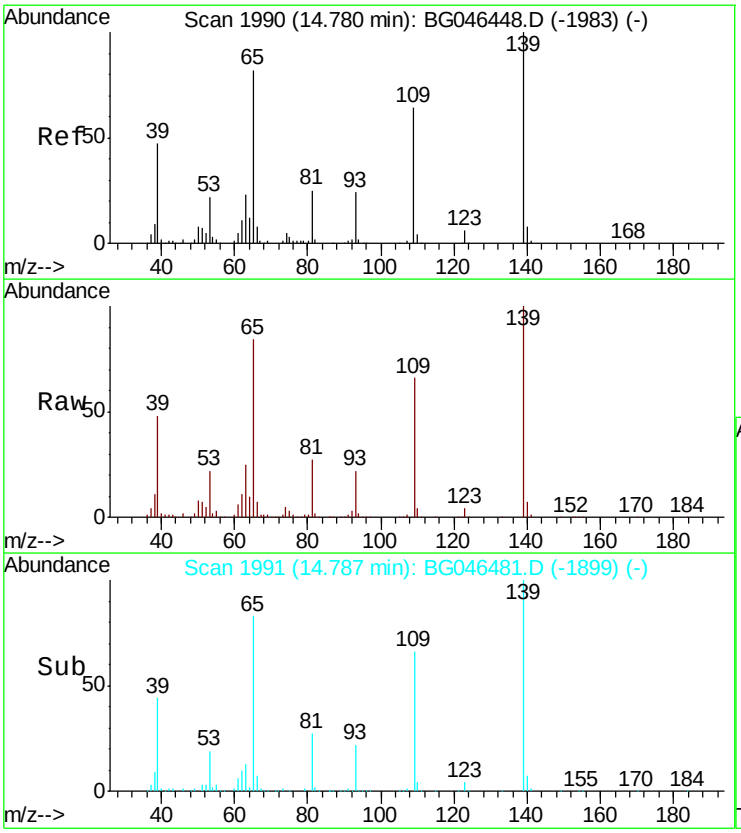
Tgt Ion:168 Resp: 836297

Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.1	42.1
169	14.2	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

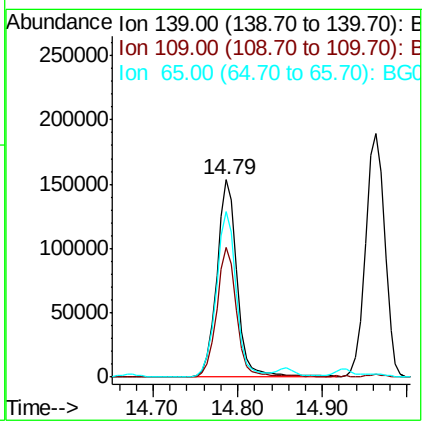
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

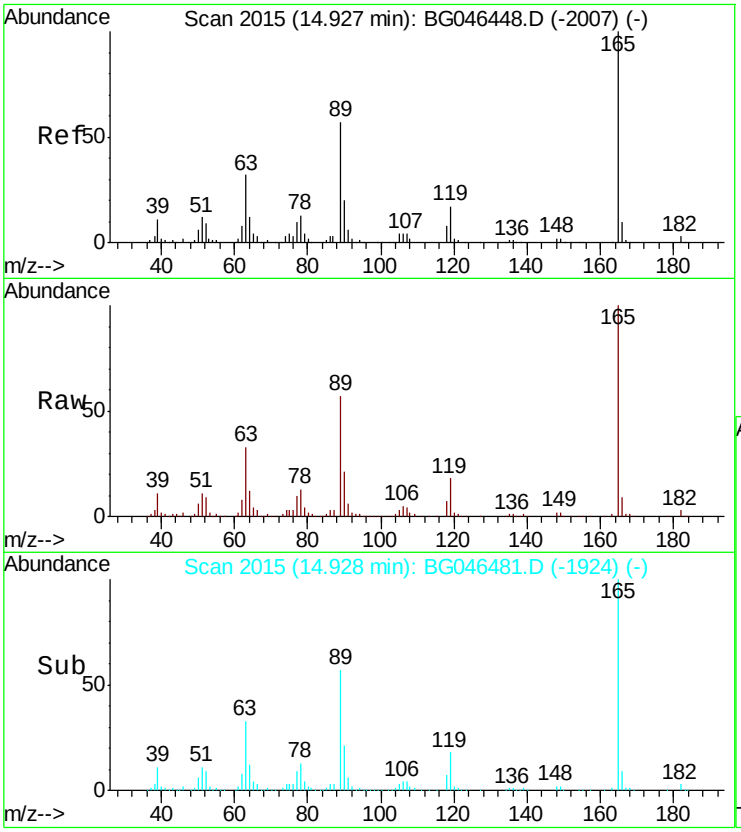


#56
4-Nitrophenol
Concen: 79.730 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:139 Resp: 258264

Ion	Ratio	Lower	Upper
139	100		
109	65.5	44.3	84.3
65	83.7	61.5	101.5

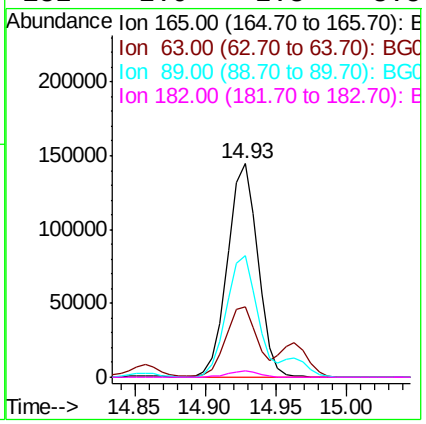




#57
2,4-Dinitrotoluene
Concen: 37.227 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

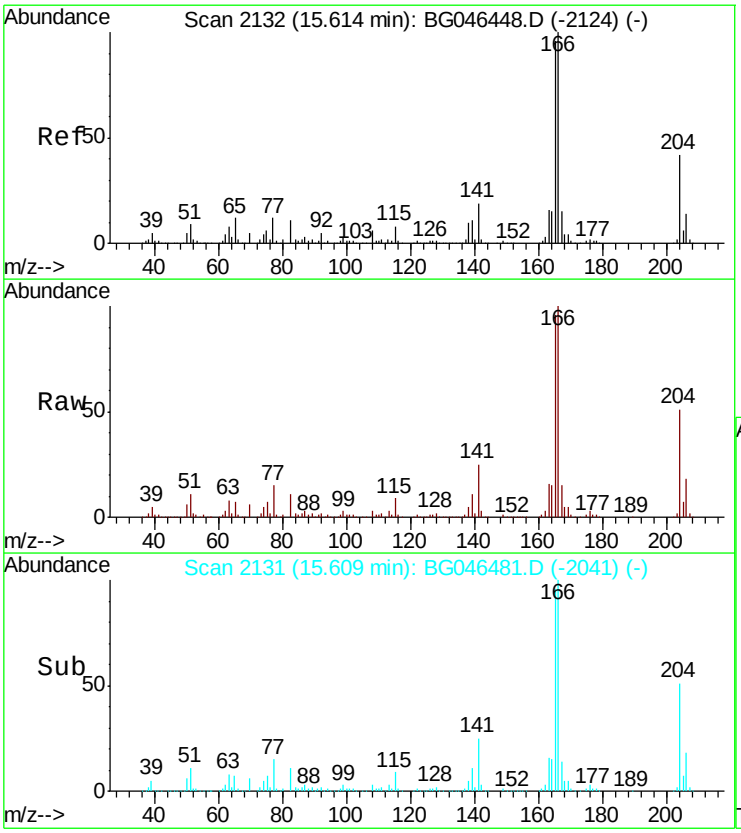
Tgt Ion:165 Resp: 215685

Ion	Ratio	Lower	Upper
165	100		
63	33.0	25.4	38.0
89	56.9	45.9	68.9
182	2.9	2.3	3.5



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

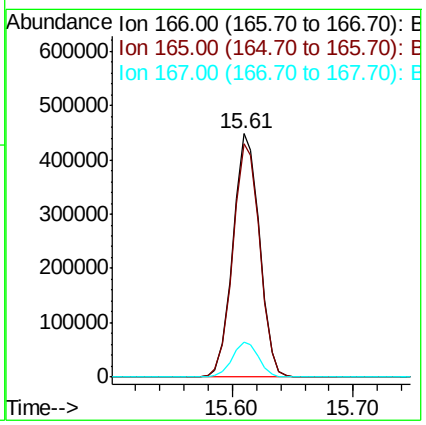
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

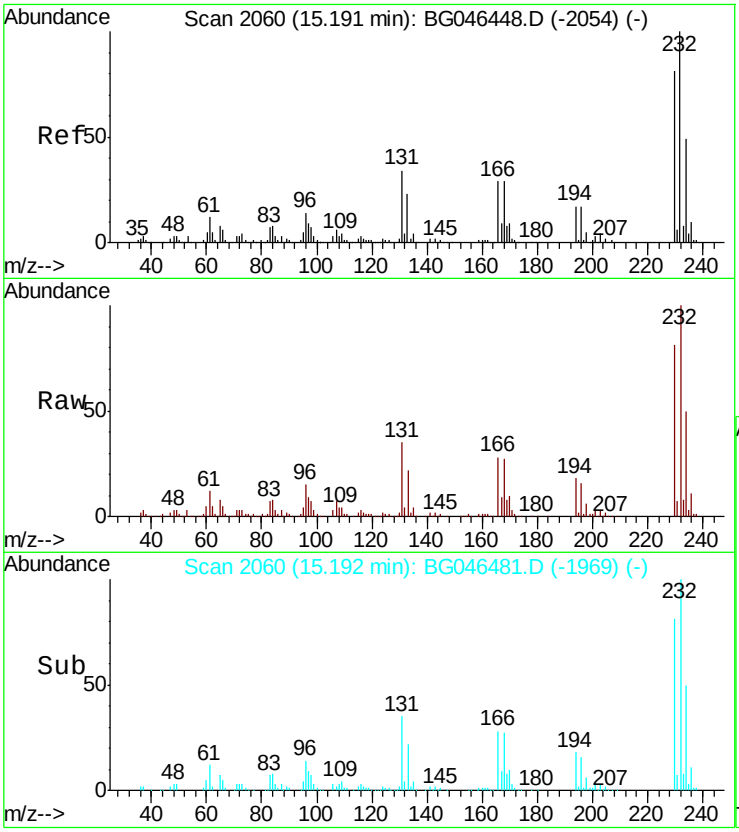


#58
Fluorene
Concen: 38.393 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:166 Resp: 683218

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.0	115.4
167	14.5	11.8	17.6

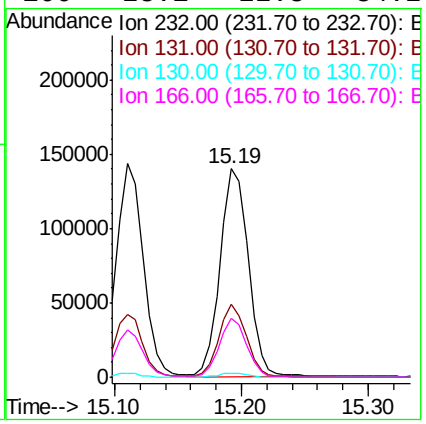




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.079 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

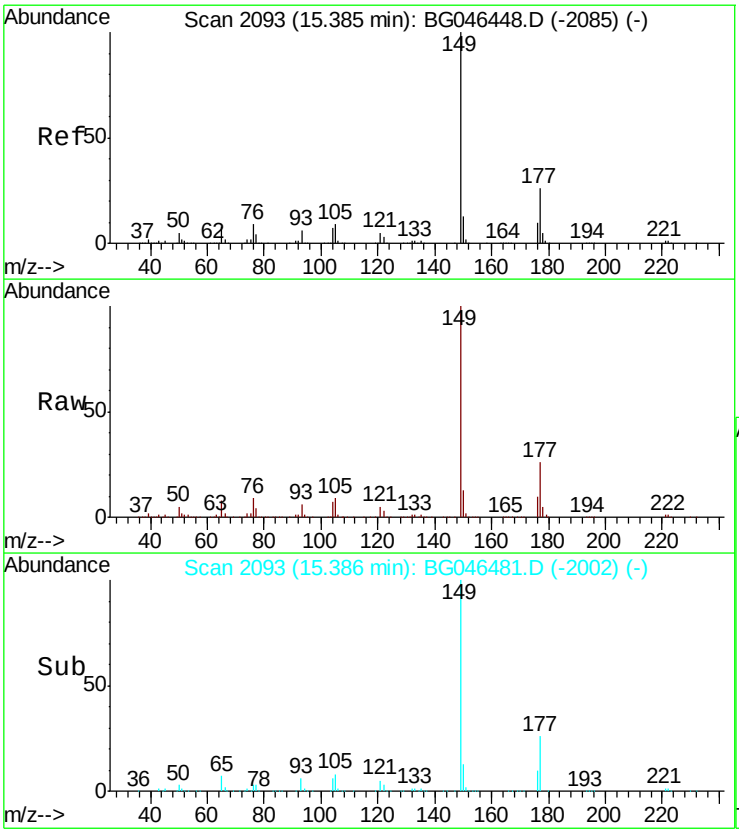
Tgt Ion:232 Resp: 216815

Ion	Ratio	Lower	Upper
232	100		
131	33.9	26.8	40.2
130	1.9	1.4	2.2
166	28.1	22.8	34.2



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

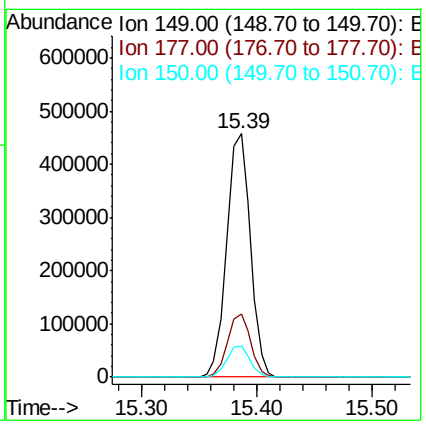
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

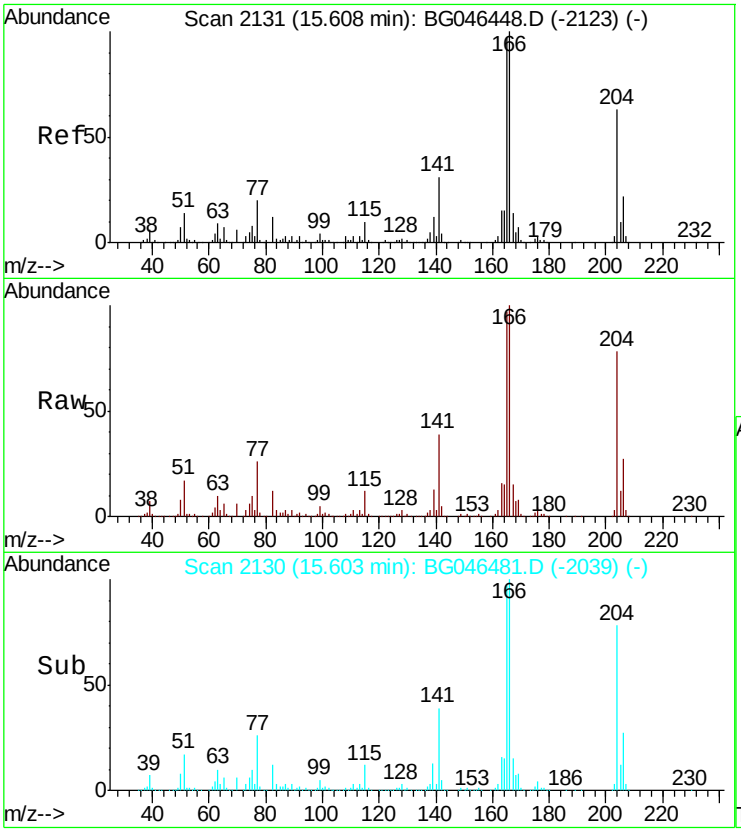


#60
Diethylphthalate
Concen: 36.088 ng
RT: 15.39 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:149 Resp: 648578

Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.6	30.8
150	12.8	10.3	15.5





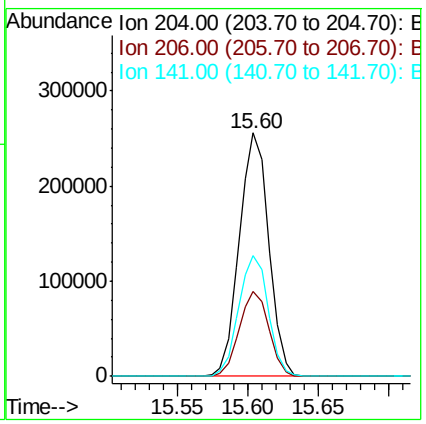
#61
4-Chlorophenyl-phenylether
Concen: 37.991 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

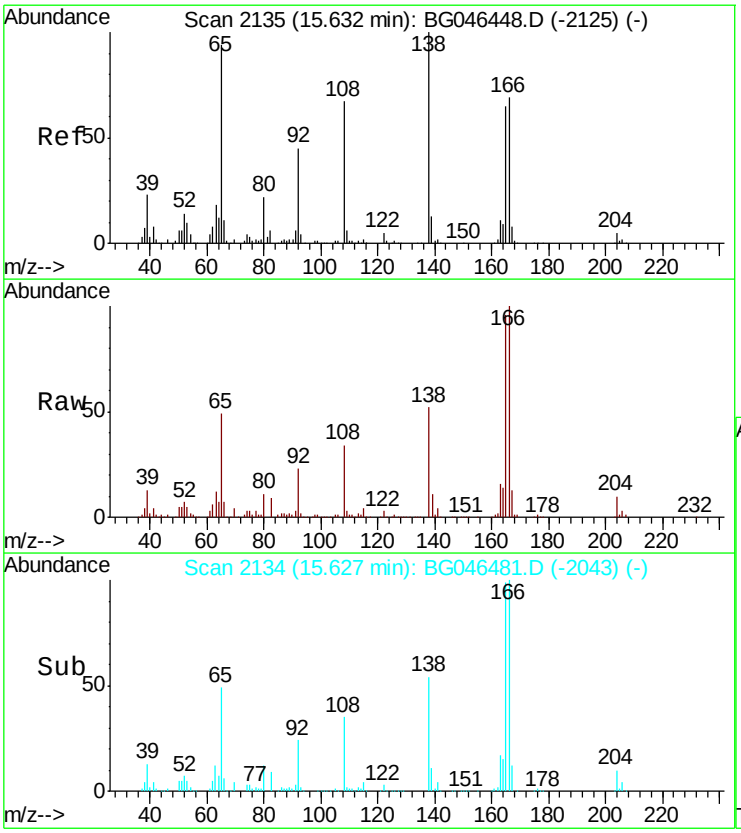
Tgt Ion:204 Resp: 372339

Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.7	41.5
141	49.7	38.7	58.1

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

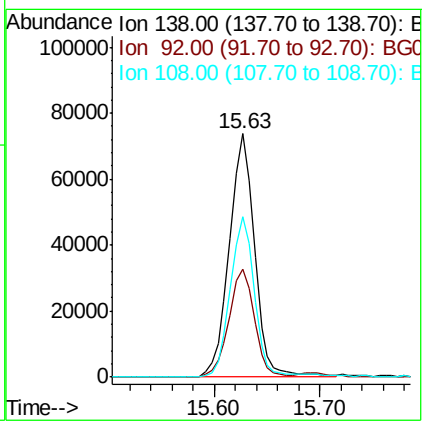


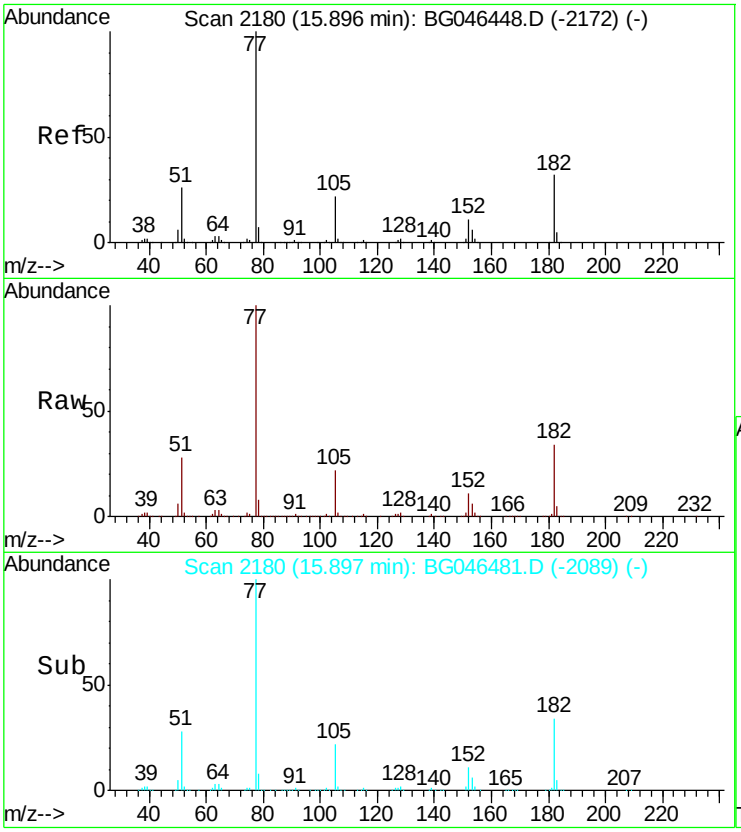


#62
4-Nitroaniline
Concen: 26.334 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:138 Resp: 122298

Ion	Ratio	Lower	Upper
138	100		
92	44.5	25.3	65.3
108	65.9	46.7	86.7

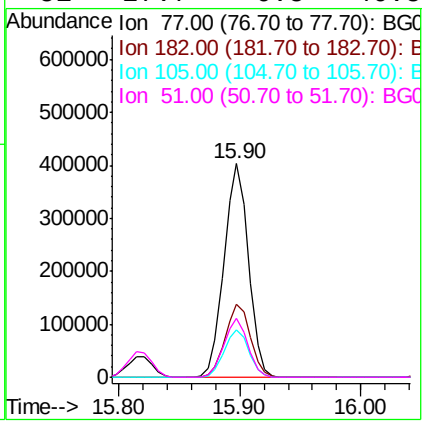




#63
Azobenzene
Concen: 38.541 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

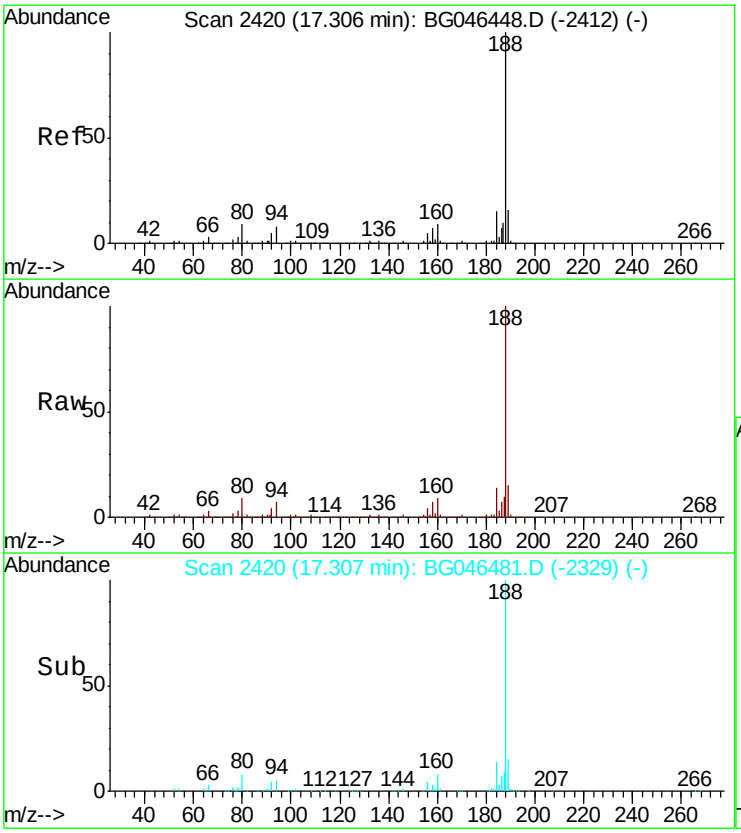
Tgt Ion: 77 Resp: 563442

Ion	Ratio	Lower	Upper
77	100		
182	34.3	12.3	52.3
105	22.4	2.3	42.3
51	27.7	6.5	46.5



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

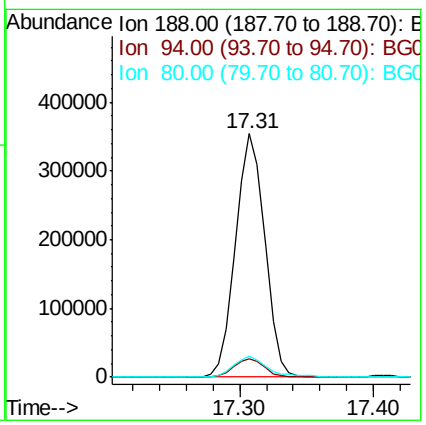
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

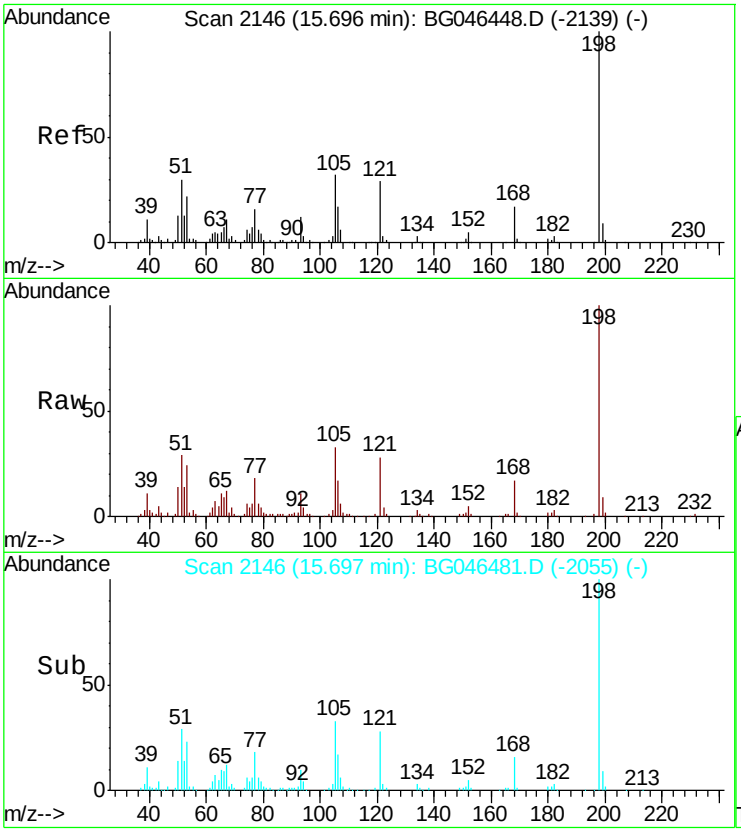


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:188 Resp: 536768

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.7	6.9	10.3





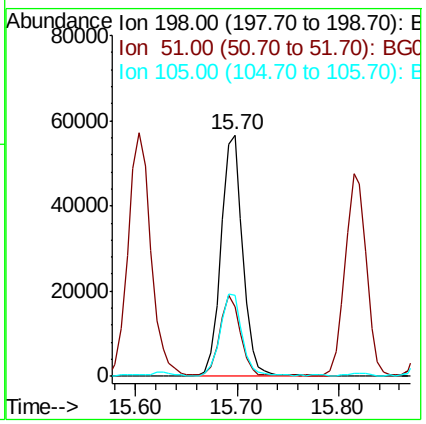
#65
4,6-Dinitro-2-methylphenol
Concen: 27.711 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

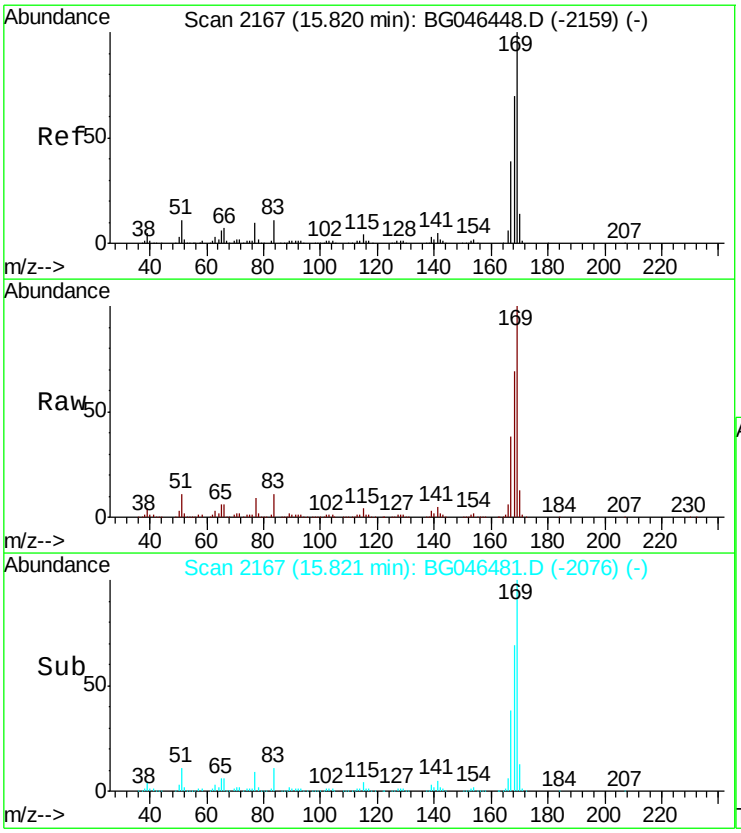
Tgt Ion:198 Resp: 84190

Ion	Ratio	Lower	Upper
198	100		
51	28.7	10.4	50.4
105	33.4	12.4	52.4

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

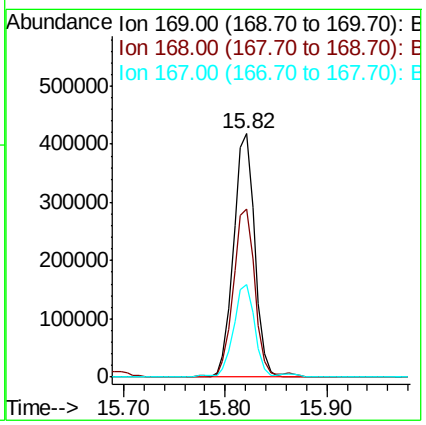


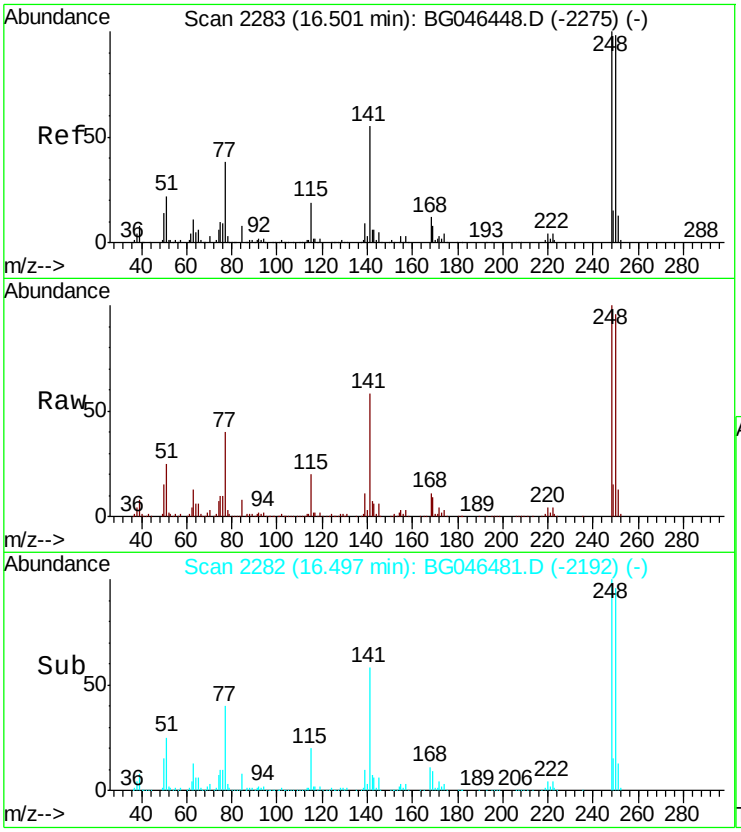


#66
n-Nitrosodiphenylamine
Concen: 41.737 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:169 Resp: 604387

Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	38.1	31.0	46.6

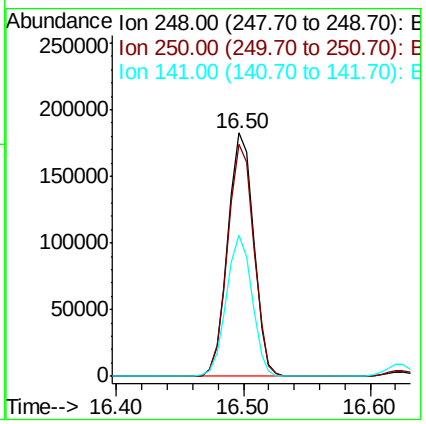




#67
4-Bromophenyl-phenylether
Concen: 41.051 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

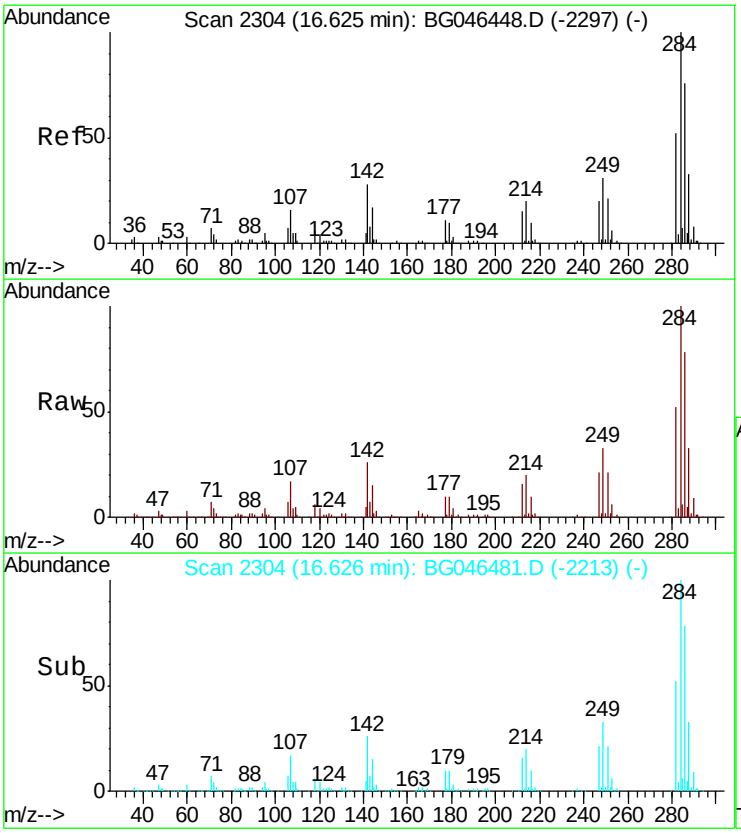
Tgt Ion:248 Resp: 257077

Ion	Ratio	Lower	Upper
248	100		
250	95.6	78.6	118.0
141	58.2	43.9	65.9



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

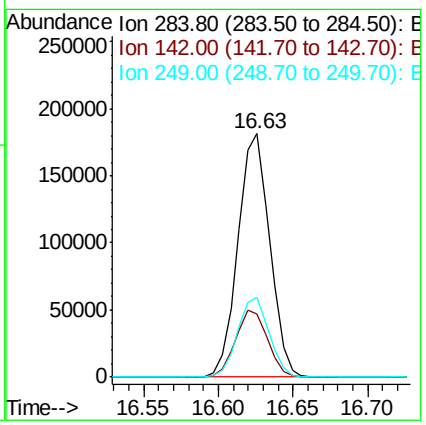
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

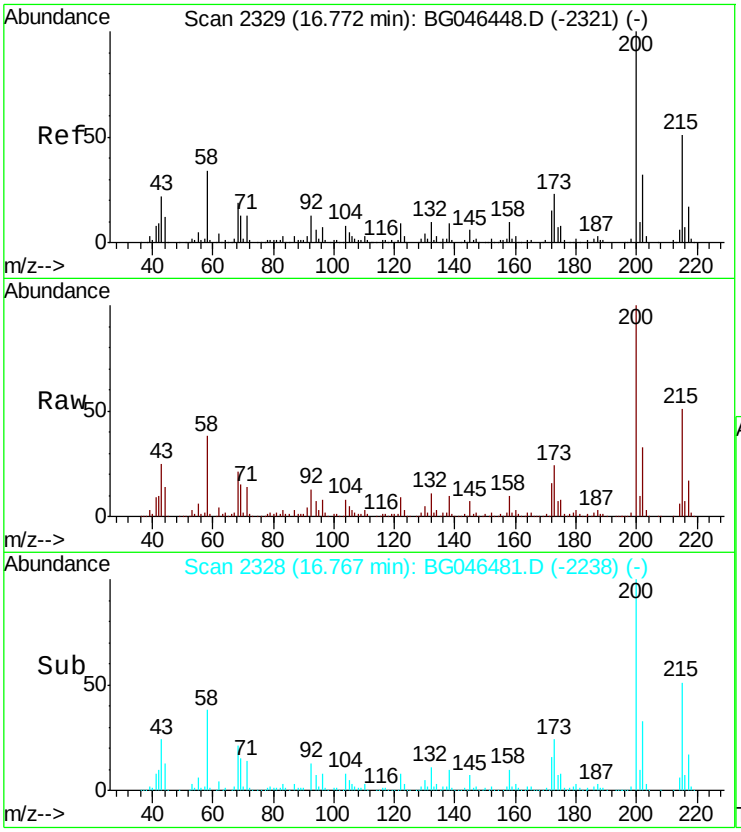


#68
Hexachlorobenzene
Concen: 38.476 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:284 Resp: 266852

Ion	Ratio	Lower	Upper
284	100		
142	25.9	22.3	33.5
249	32.5	24.8	37.2

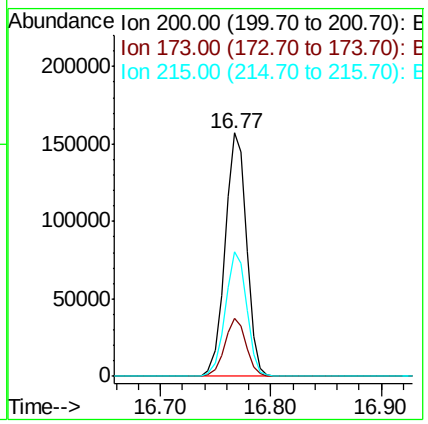




#69
Atrazine
Concen: 36.258 ng
RT: 16.77 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

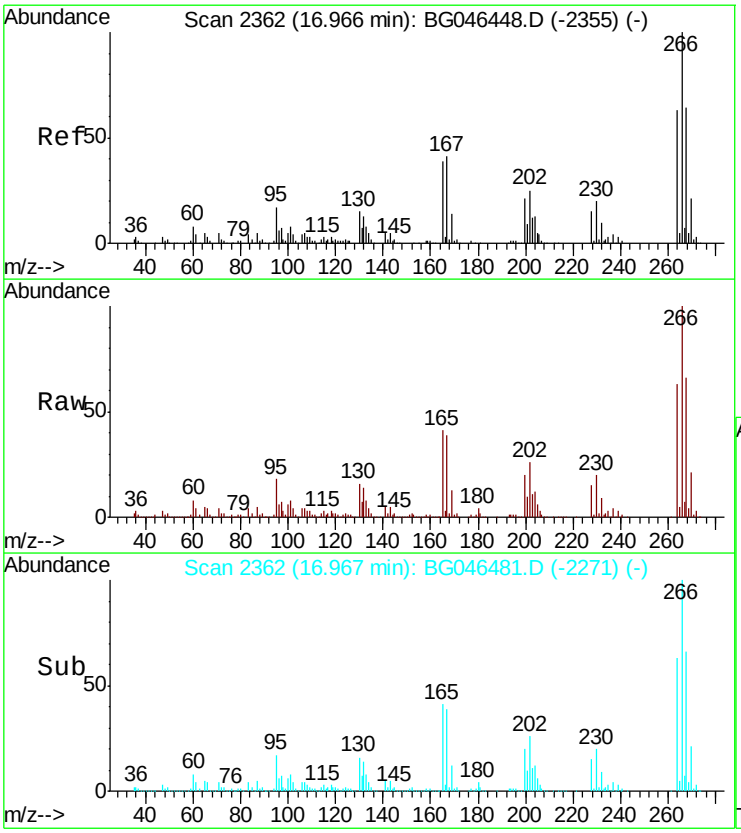
Tgt Ion:200 Resp: 214195

Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.3	43.3
215	51.1	30.9	70.9



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

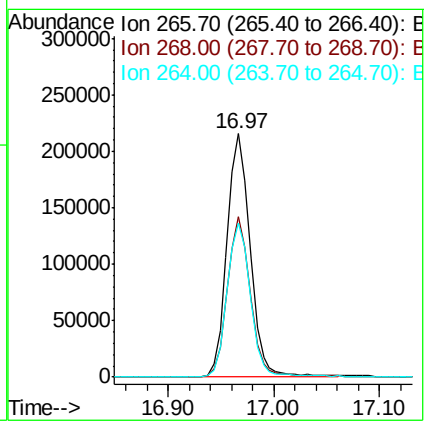
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

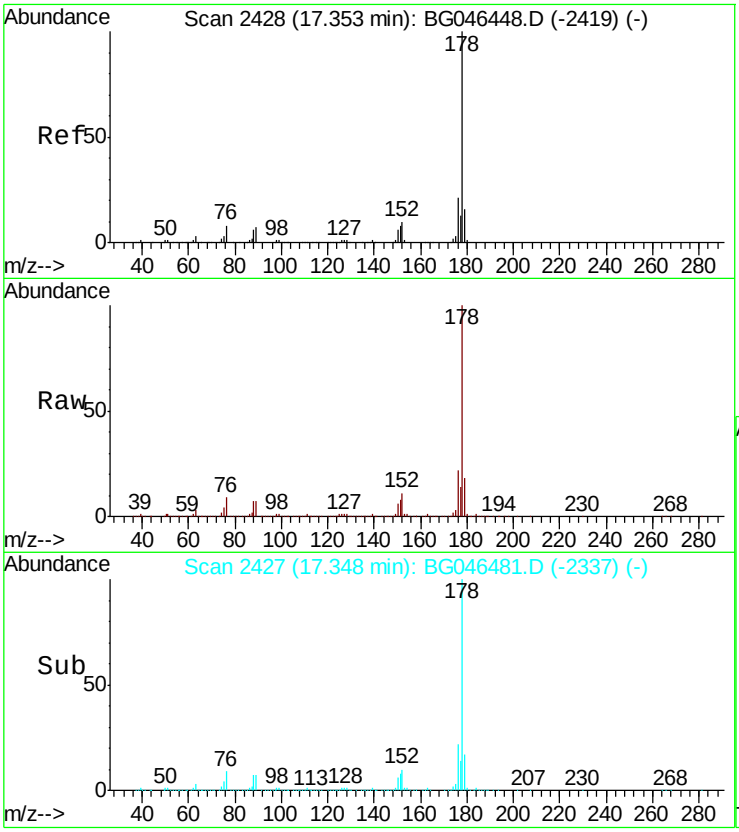


#70
Pentachlorophenol
Concen: 90.724 ng
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:266 Resp: 328749

Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	63.2	50.2	75.2

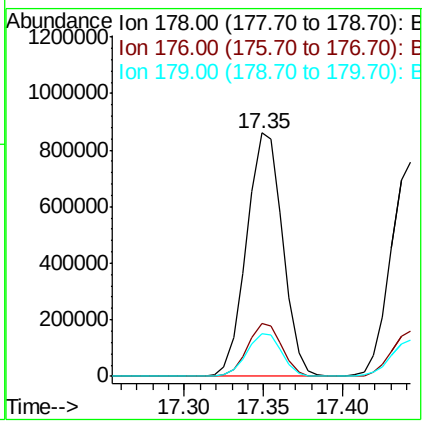




#71
Phenanthrene
Concen: 50.015 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

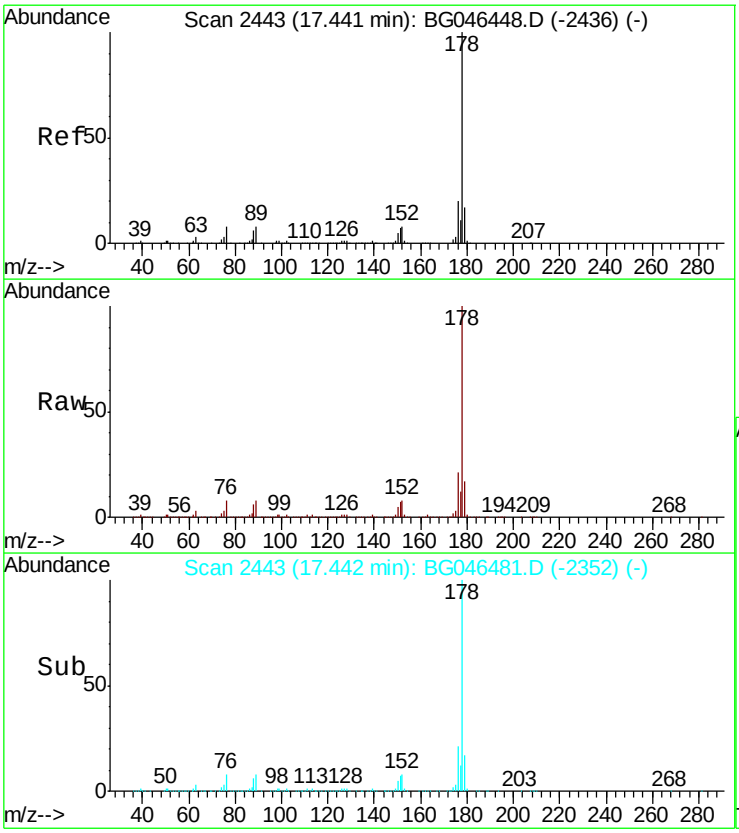
Tgt Ion:178 Resp: 1360776

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	17.7	13.2	19.8



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

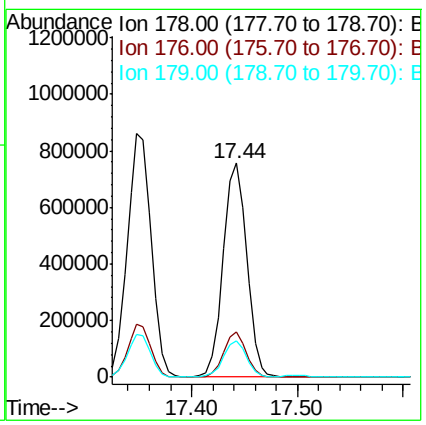
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

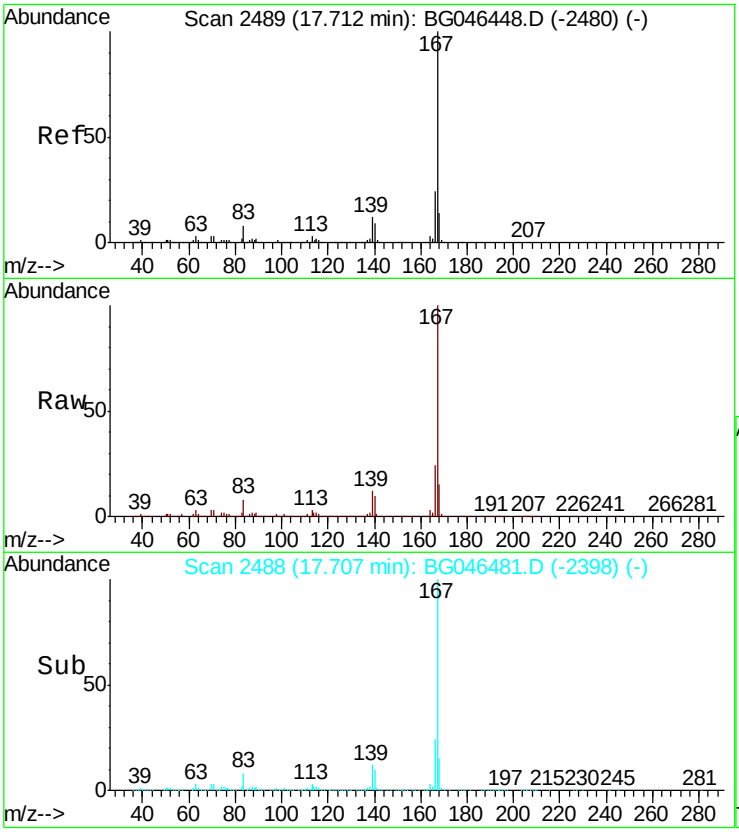


#72
Anthracene
Concen: 43.516 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:178 Resp: 1168114

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	17.1	13.3	19.9

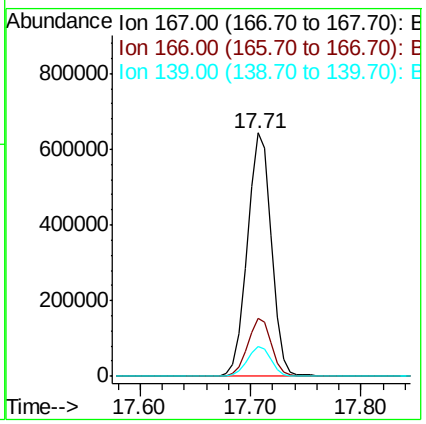




#73
Carbazole
Concen: 38.774 ng
RT: 17.71 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

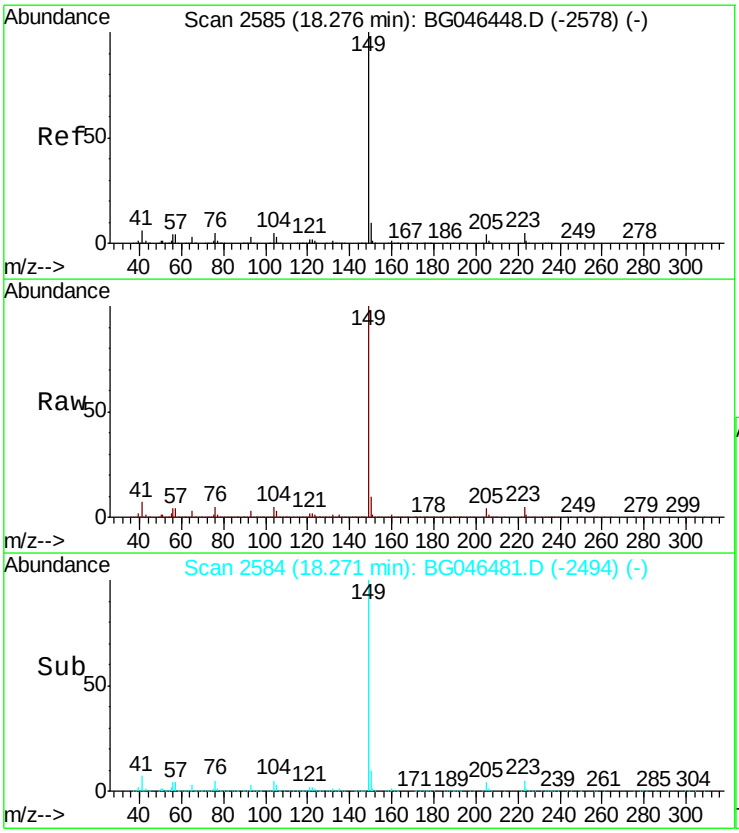
Tgt Ion:167 Resp: 982715

Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.3	28.9
139	12.2	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

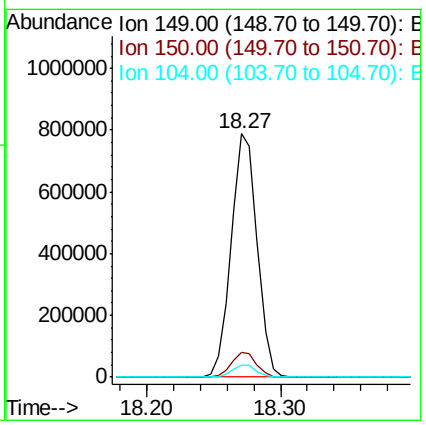
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

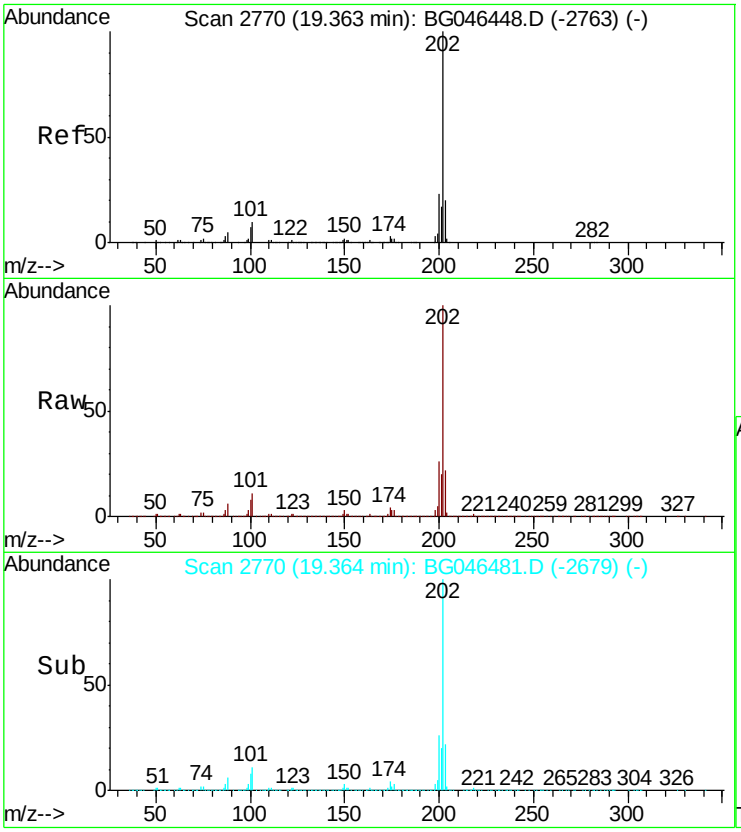


#74
Di-n-butylphthalate
Concen: 36.511 ng
RT: 18.27 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:149 Resp: 1064068

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.1	4.0	6.0





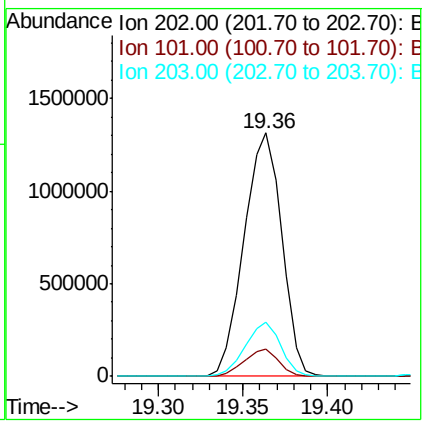
#75
Fluoranthene
Concen: 58.440 ng
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

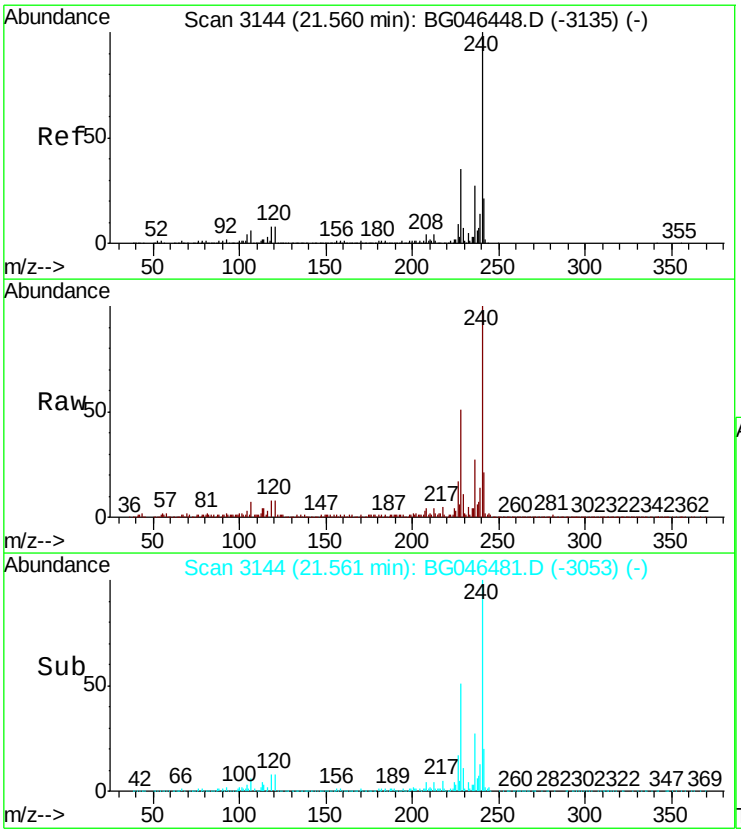
Tgt Ion:202 Resp: 2046136

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.9
203	22.3	0.0	40.0

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

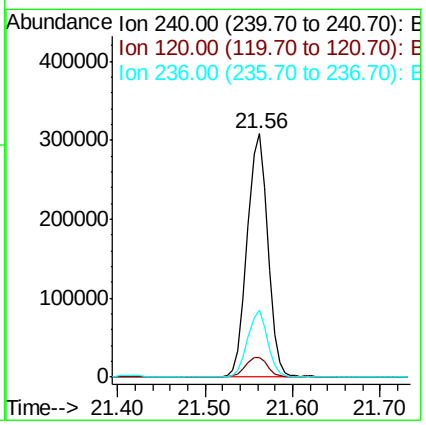


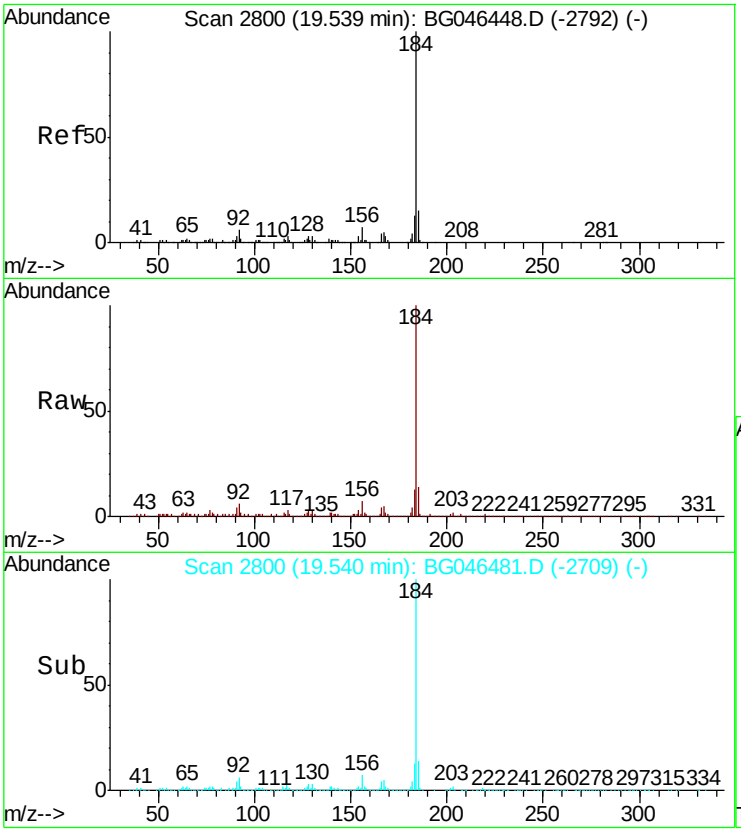


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:240 Resp: 489436

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	27.3	21.4	32.2





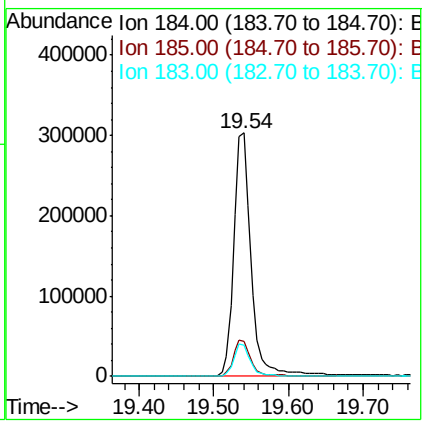
#77
Benzidine
Concen: 43.318 ng
RT: 19.54 min Scan# 2800
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

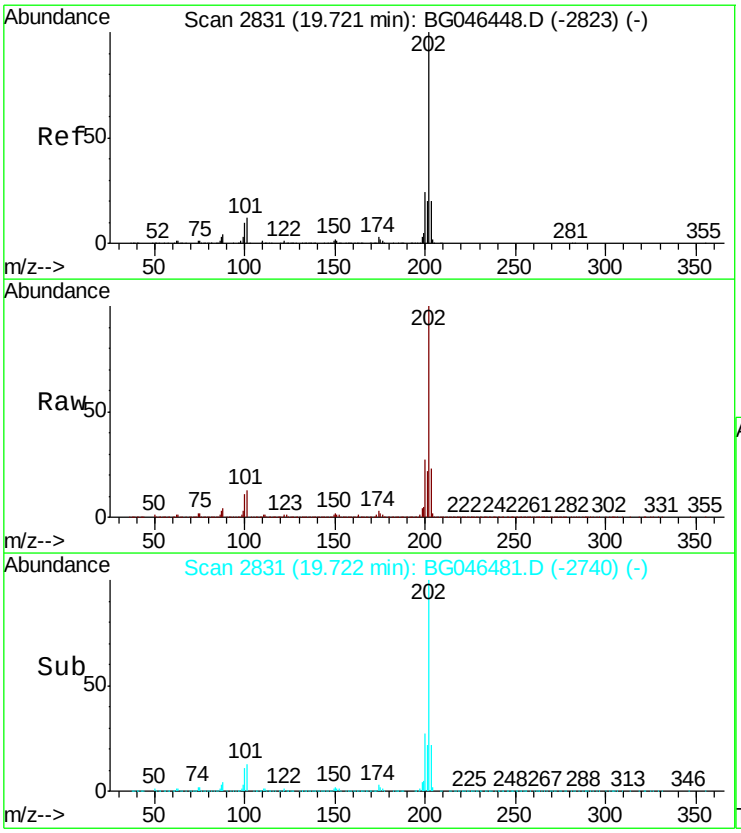
Tgt Ion:184 Resp: 492658

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	13.0	10.7	16.1

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

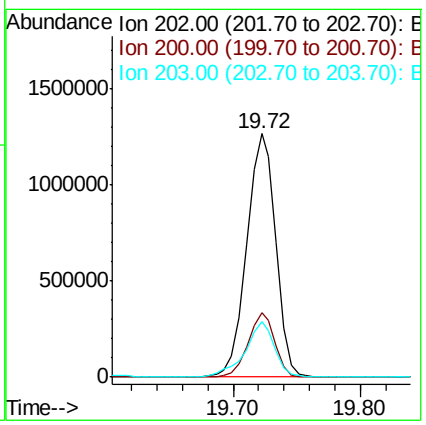


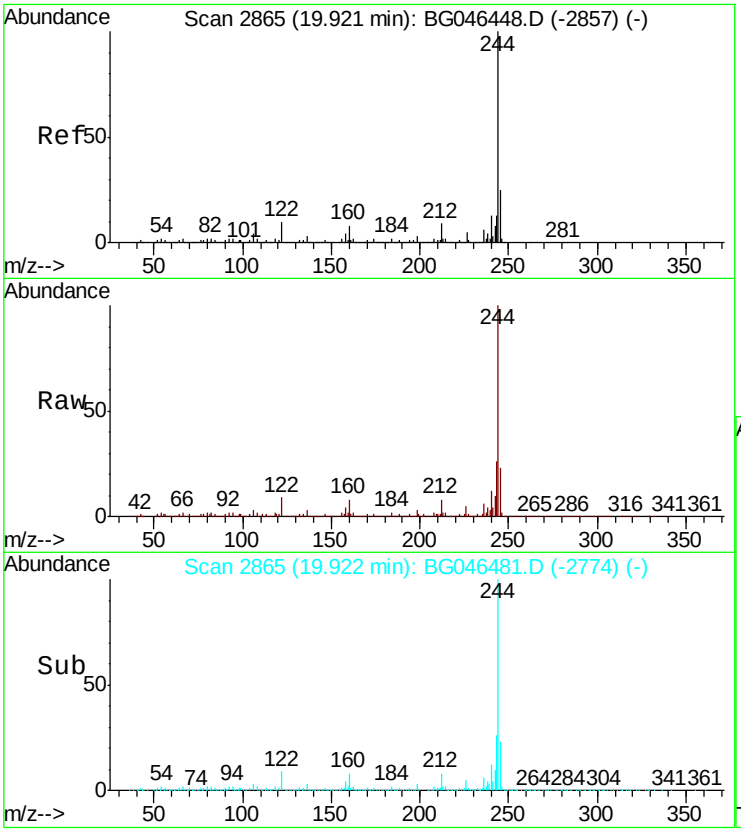


#78
Pyrene
Concen: 64.106 ng
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:202 Resp: 1997979

Ion	Ratio	Lower	Upper
202	100		
200	26.5	18.9	28.3
203	22.6	16.1	24.1





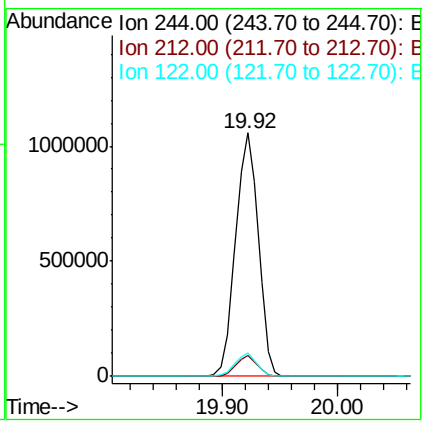
#79
Terphenyl-d14
Concen: 62.687 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

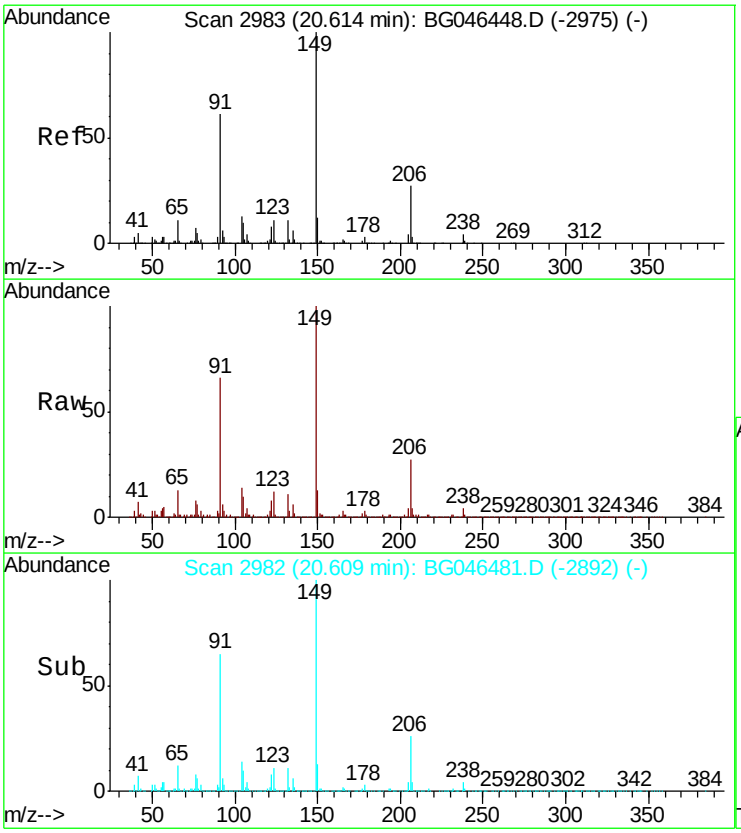
Tgt Ion:244 Resp: 1441676

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.5	8.2	12.4

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

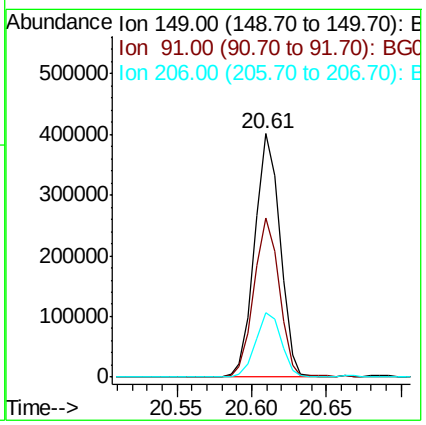


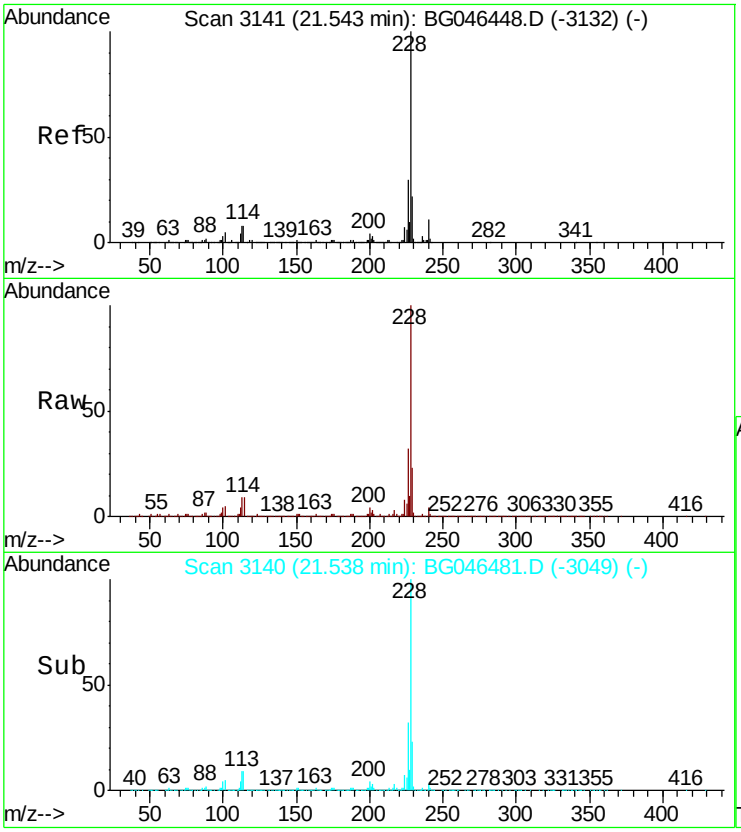


#80
Butylbenzylphthalate
Concen: 38.233 ng
RT: 20.61 min Scan# 2982
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:149 Resp: 464789

Ion	Ratio	Lower	Upper
149	100		
91	65.6	49.1	73.7
206	26.6	21.9	32.9





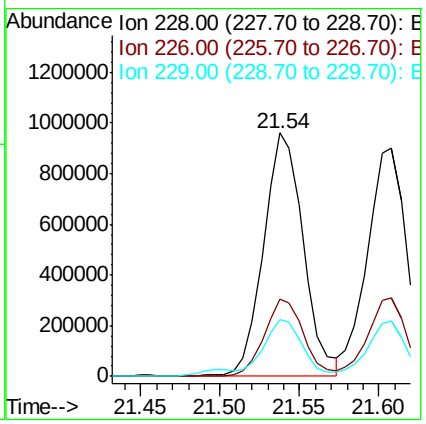
#81
Benzo(a)anthracene
Concen: 54.732 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

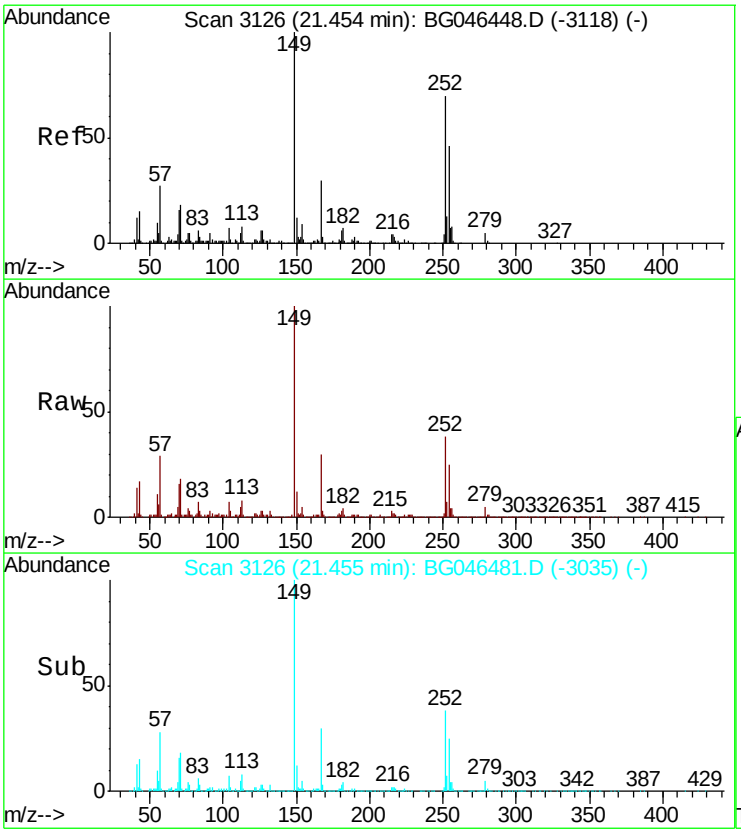
Tgt Ion:228 Resp: 1669680

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.4
229	23.2	17.4	26.2

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

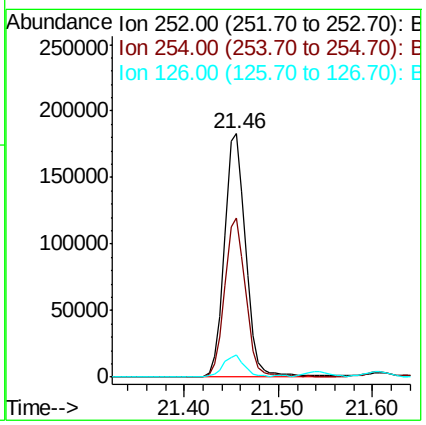


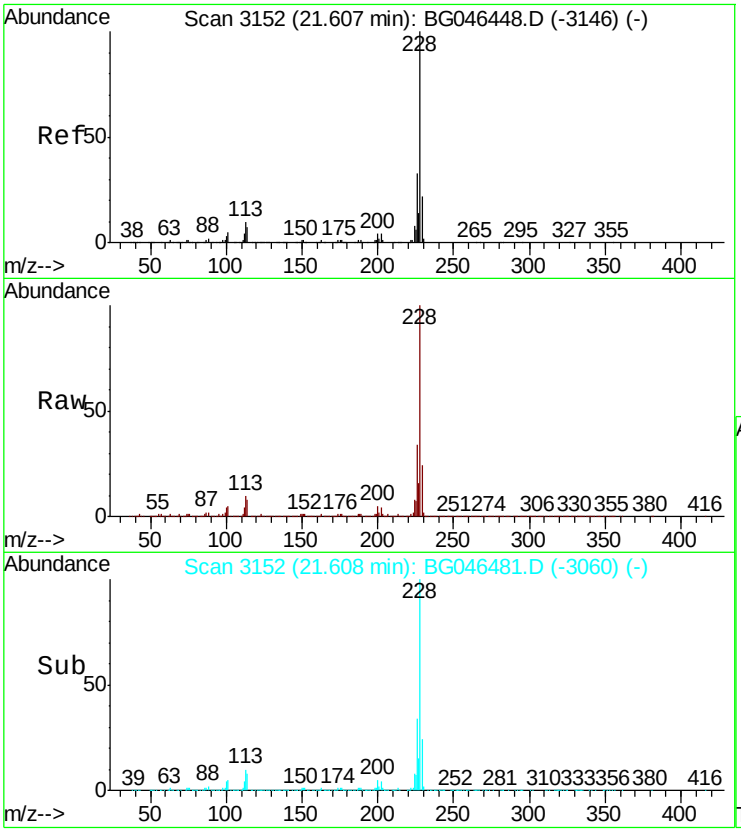


#82
3,3'-Dichlorobenzidine
Concen: 25.112 ng
RT: 21.46 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:252 Resp: 284291

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	9.0	7.4	11.0





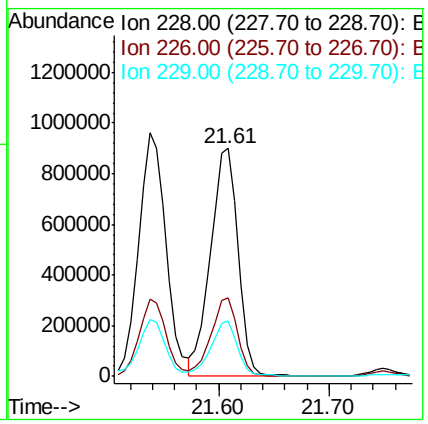
#83
Chrysene
Concen: 52.403 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

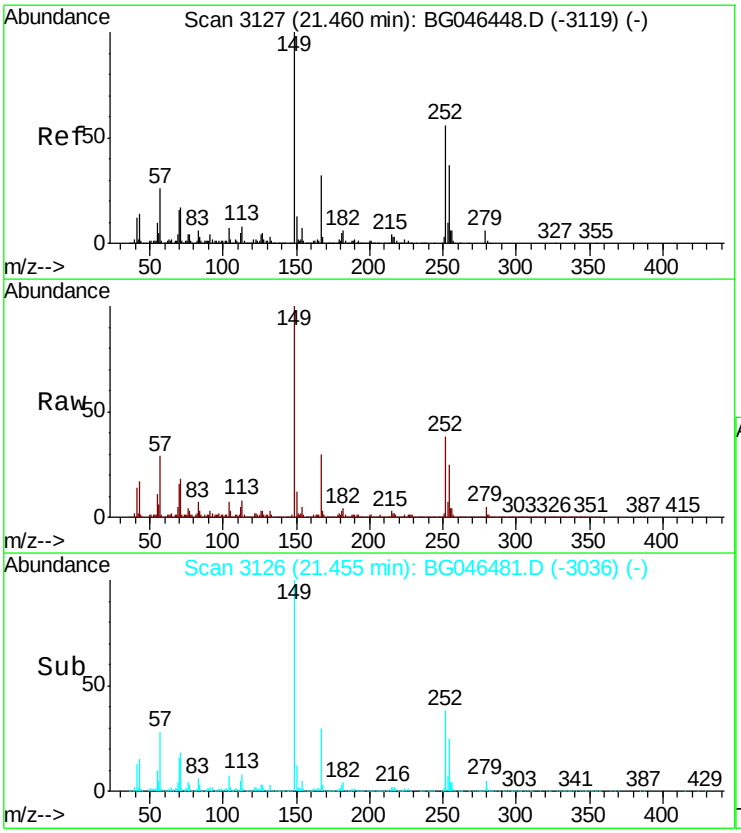
Tgt Ion:228 Resp: 1537756

Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.2	39.4
229	24.2	17.9	26.9

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

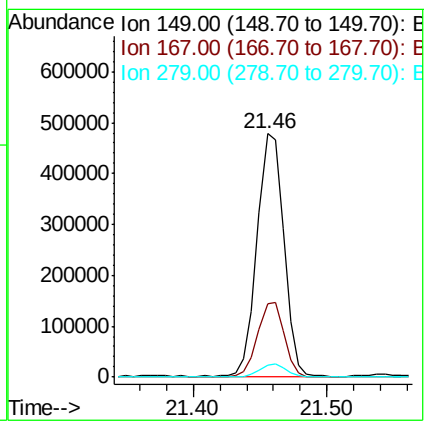


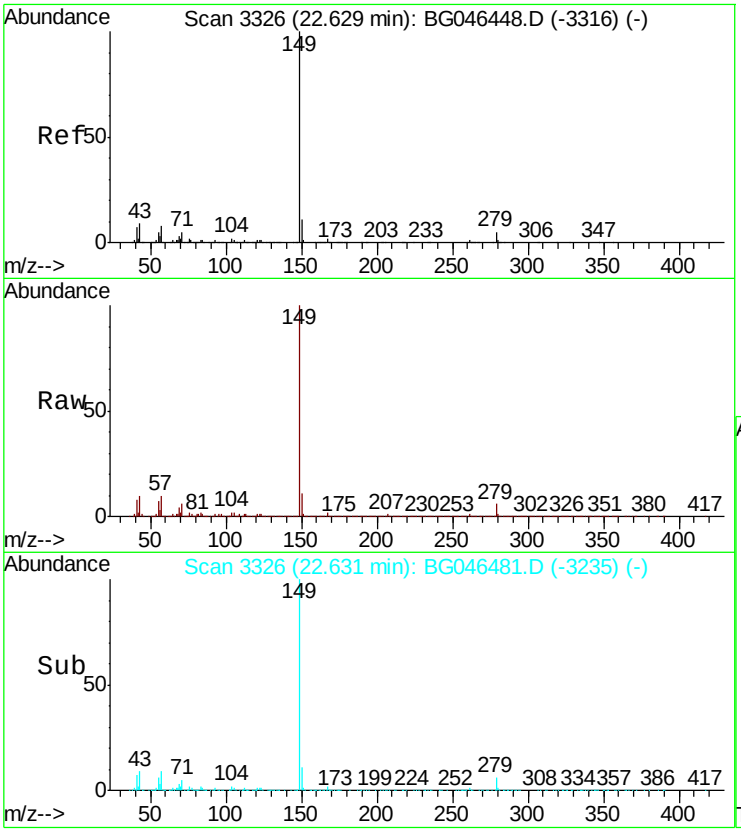


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.394 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:149 Resp: 653557

Ion	Ratio	Lower	Upper
149	100		
167	30.1	25.4	38.2
279	5.1	4.5	6.7

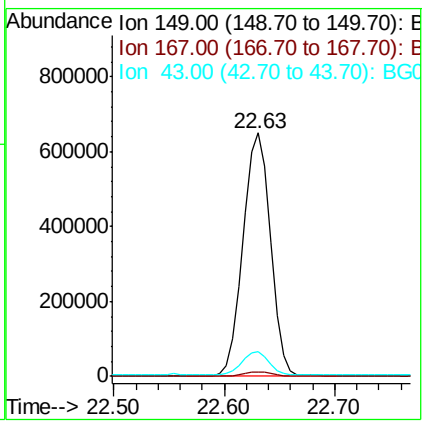




#85
Di-n-octyl phthalate
Concen: 39.799 ng
RT: 22.63 min Scan# 3326
Delta R.T. 0.00 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

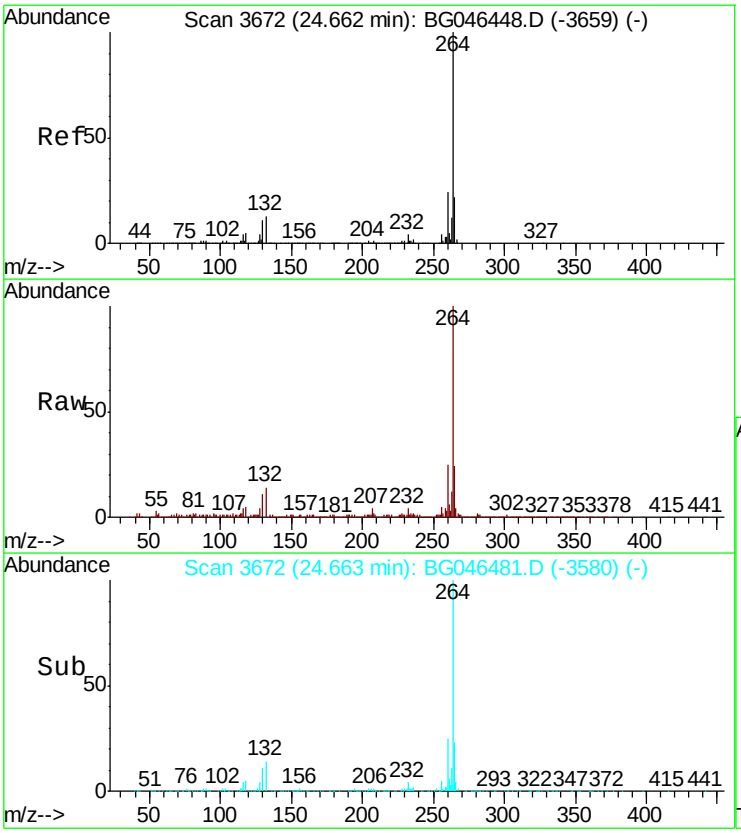
Tgt Ion:149 Resp: 1130558

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.3	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

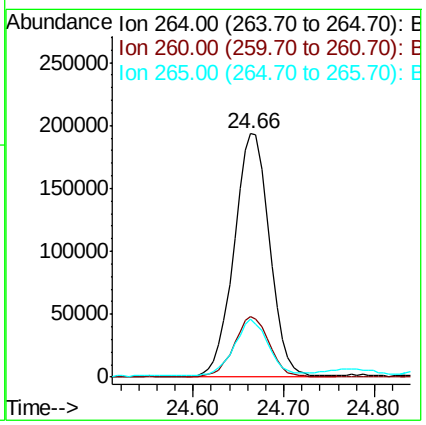
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

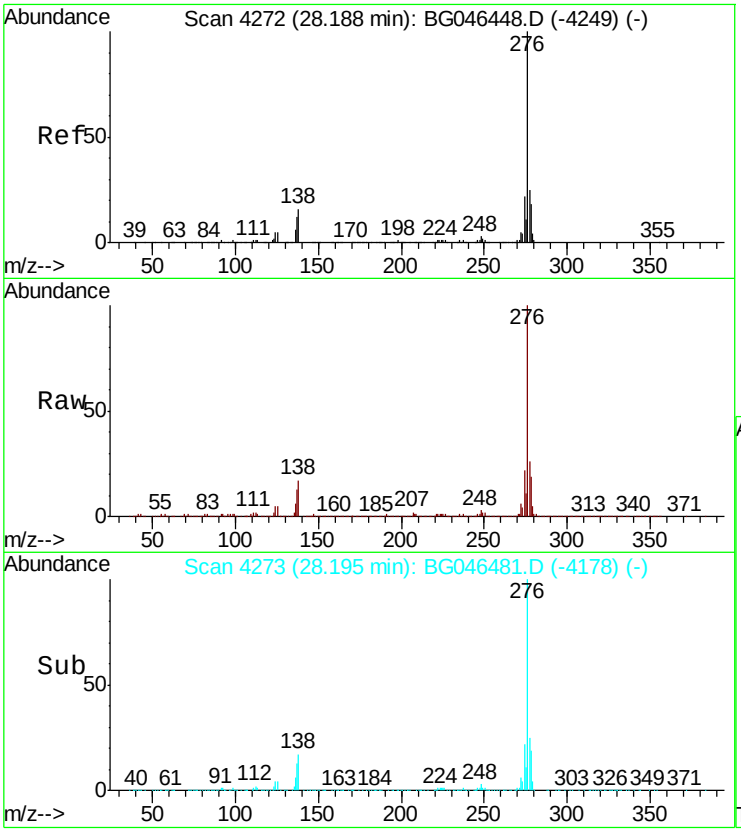


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:264 Resp: 523427

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.7	17.9	26.9

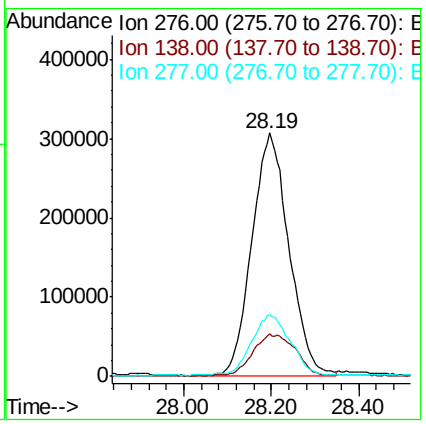




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.066 ng
RT: 28.19 min Scan# 4273
Delta R.T. 0.03 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

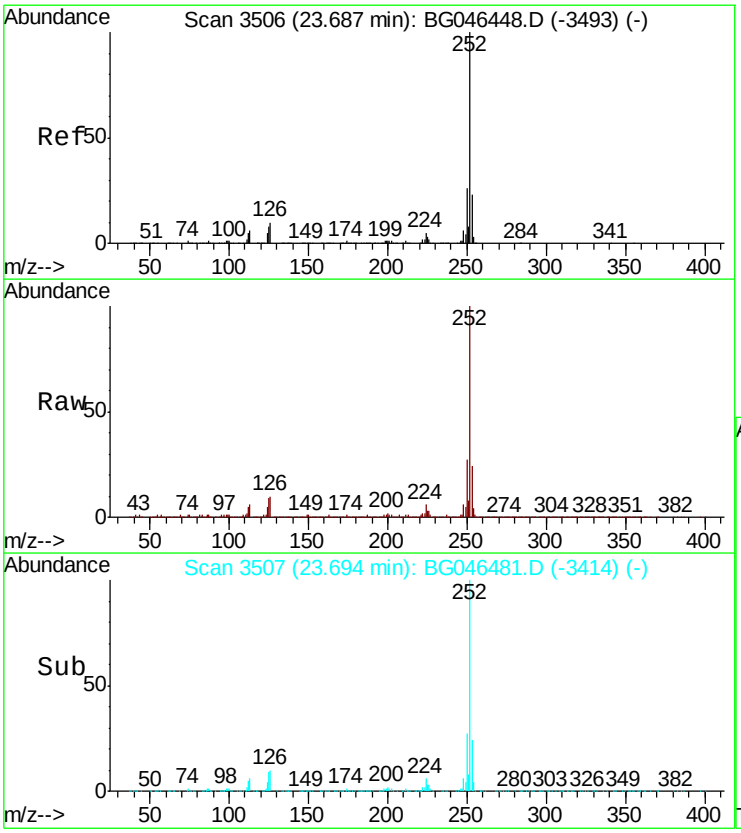
Tgt Ion:276 Resp: 1769386

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.5	24.7
277	26.1	20.7	31.1



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

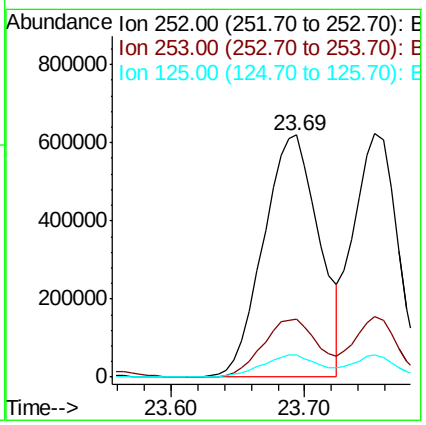
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

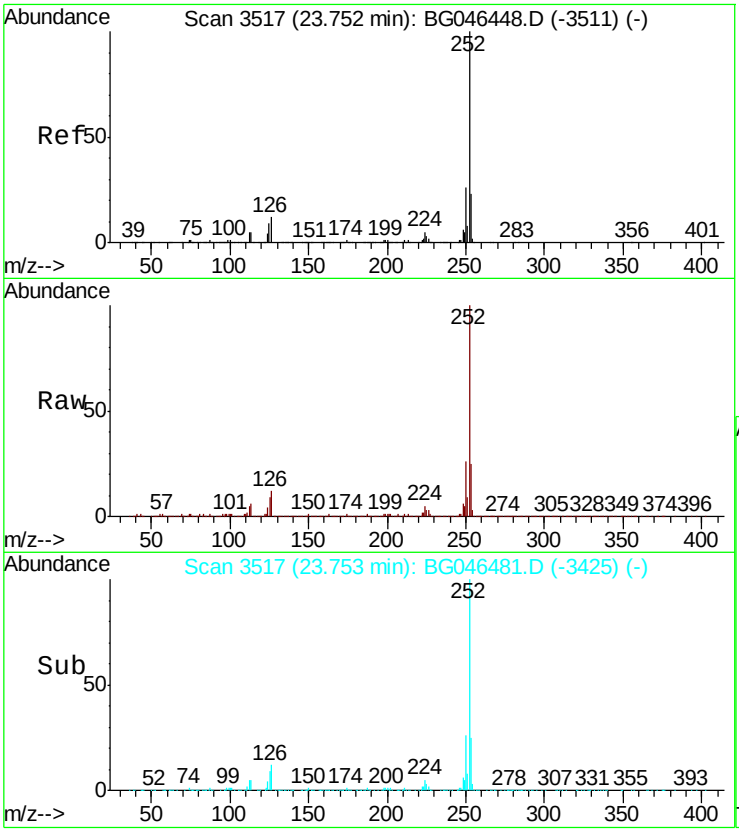


#88
Benzo(b)fluoranthene
Concen: 54.797 ng
RT: 23.69 min Scan# 3507
Delta R.T. 0.02 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:252 Resp: 1790949

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	9.0	6.2	9.2

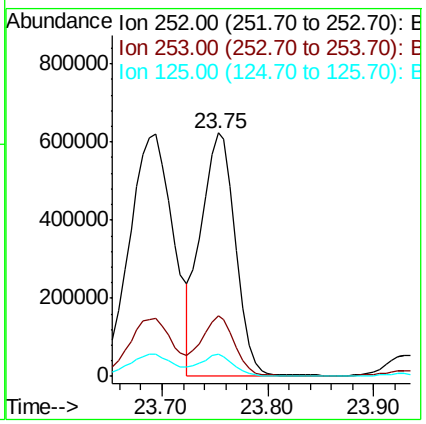




#89
Benzo(k)fluoranthene
Concen: 44.679 ng
RT: 23.75 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

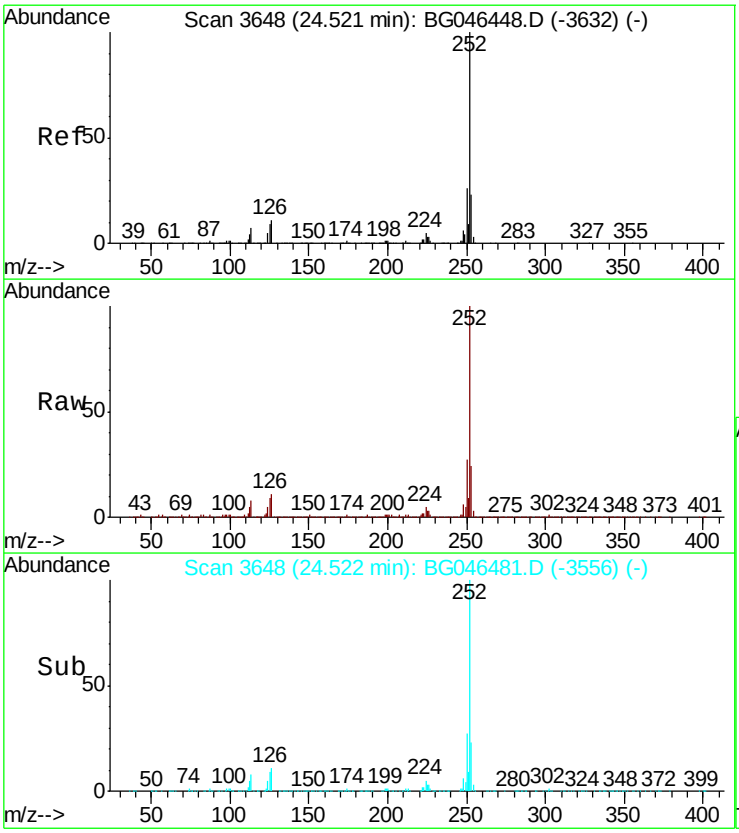
Tgt Ion:252 Resp: 1411291

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	9.2	6.8	10.2



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

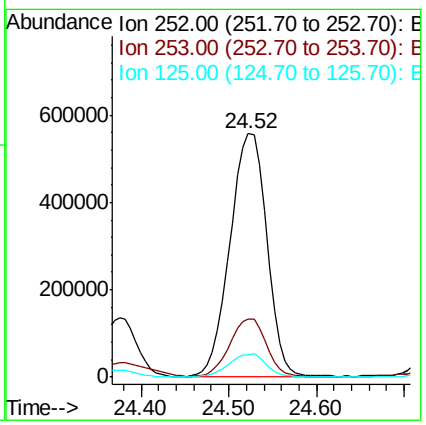
Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

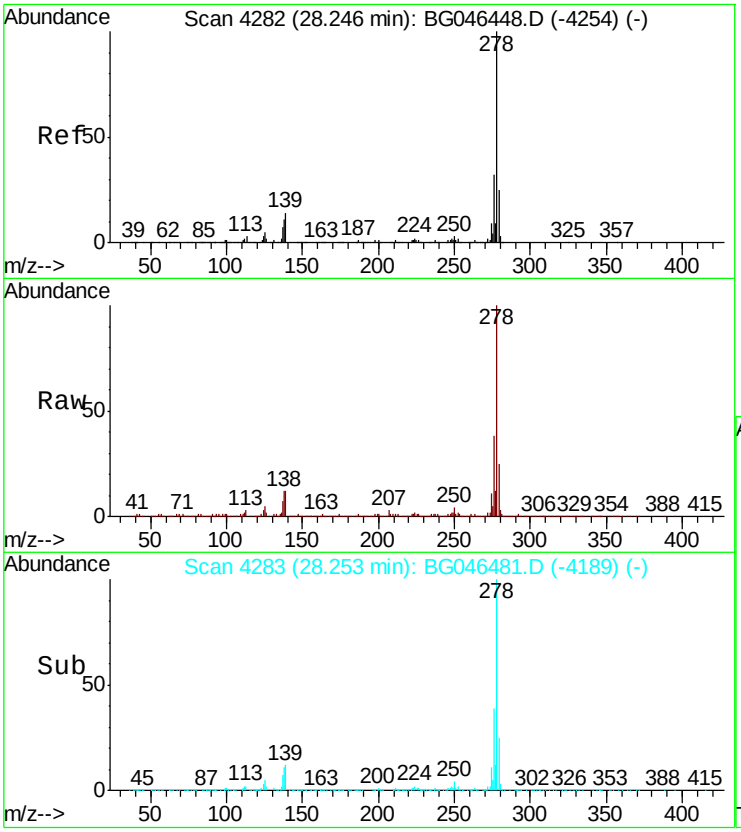


#90
Benzo(a)pyrene
Concen: 52.007 ng
RT: 24.52 min Scan# 3648
Delta R.T. 0.01 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:252 Resp: 1586253

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	9.3	7.4	11.0

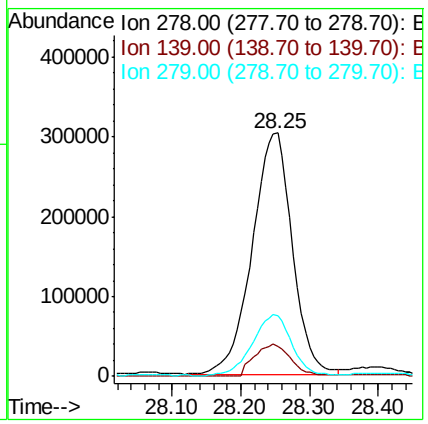




#91
Dibenzo(a,h)anthracene
Concen: 40.465 ng
RT: 28.25 min Scan# 4283
Delta R.T. 0.02 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

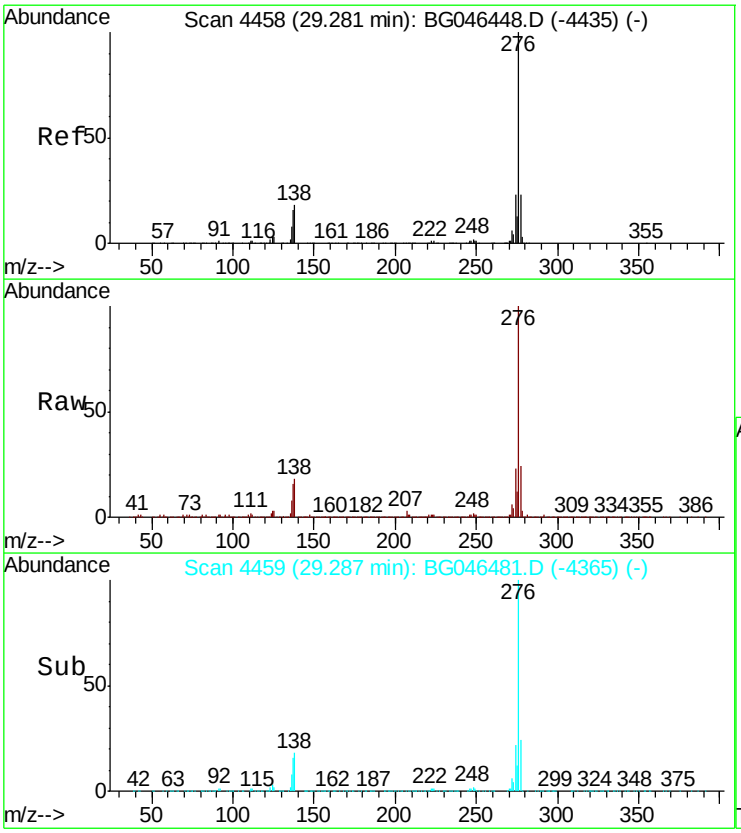
Tgt Ion:278 Resp: 1227597

Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.2	16.8
279	25.0	19.8	29.8



Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM



#92
Benzo(g,h,i)perylene
Concen: 50.401 ng
RT: 29.29 min Scan# 4459
Delta R.T. 0.02 min
Lab File: BG046481.D
Acq: 31 Aug 2020 23:13

Tgt Ion:276 Resp: 1526853

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	18.2	14.7	22.1