

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033518.D
 Acq On : 18 Dec 2021 14:27
 Operator : CG/JU
 Sample : PB141511BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141511BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/20/2021
 Supervised By : mohammad ahmed 12/23/2021

Quant Time: Dec 20 07:07:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	38548	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	164512	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	108158	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	197805	20.000	ng	-0.01
76) Chrysene-d12	21.506	240	124230	20.000	ng	0.00
86) Perylene-d12	23.918	264	98014	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	286973	128.459	ng	0.00
7) Phenol-d6	7.107	99	367890	122.713	ng	0.00
23) Nitrobenzene-d5	9.107	82	302594	78.977	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	134849	110.835	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	617284	78.949	ng	0.00
79) Terphenyl-d14	19.948	244	703199	89.114	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	26115	30.647	ng	# 92
3) Pyridine	3.802	79	61400	25.801	ng	# 91
4) n-Nitrosodimethylamine	3.707	42	72035	42.556	ng	# 83
6) Aniline	7.266	93	117532	34.327	ng	96
8) 2-Chlorophenol	7.501	128	108454	44.783	ng	98
9) Benzaldehyde	7.078	77	13520m	3.607	ng	
10) Phenol	7.137	94	136169	44.959	ng	87
11) bis(2-Chloroethyl)ether	7.360	93	103073	43.190	ng	99
12) 1,3-Dichlorobenzene	7.819	146	119999	40.786	ng	95
13) 1,4-Dichlorobenzene	7.972	146	122399	40.538	ng	99
14) 1,2-Dichlorobenzene	8.290	146	118703	40.075	ng	97
15) Benzyl Alcohol	8.184	79	119190m	44.110	ng	
16) 2,2'-oxybis(1-Chloropr...	8.460	45	179849	42.384	ng	99
17) 2-Methylphenol	8.389	107	94333	43.826	ng	92
18) Hexachloroethane	9.013	117	52155	41.456	ng	96
19) n-Nitroso-di-n-propyla...	8.754	70	97985	41.456	ng	92
20) 3+4-Methylphenols	8.719	107	125247	43.621	ng	90
22) Acetophenone	8.772	105	175938	39.501	ng	94
24) Nitrobenzene	9.148	77	156059	41.467	ng	97
25) Isophorone	9.678	82	245322	39.548	ng	# 98
26) 2-Nitrophenol	9.860	139	61040	46.436	ng	# 91
27) 2,4-Dimethylphenol	9.919	122	103724	48.014	ng	96
28) bis(2-Chloroethoxy)met...	10.160	93	139299	40.883	ng	97
29) 2,4-Dichlorophenol	10.395	162	107494	43.625	ng	97
30) 1,2,4-Trichlorobenzene	10.607	180	120936	38.707	ng	99
31) Naphthalene	10.795	128	355840	39.929	ng	99
32) Benzoic acid	10.084	122	62220	41.711	ng	98
33) 4-Chloroaniline	10.919	127	47101	16.337	ng	94
34) Hexachlorobutadiene	11.072	225	84143	38.627	ng	99
35) Caprolactam	11.725	113	27491m	56.476	ng	
36) 4-Chloro-3-methylphenol	12.042	107	124945	39.507	ng	97
37) 2-Methylnaphthalene	12.407	142	259871	42.155	ng	# 96
38) 1-Methylnaphthalene	12.625	142	239794	38.997	ng	99
40) 1,2,4,5-Tetrachloroben...	12.772	216	134309	43.107	ng	# 97
41) Hexachlorocyclopentadiene	12.748	237	185254	137.491	ng	97
43) 2,4,6-Trichlorophenol	13.019	196	88242	42.355	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	93463	42.036	ng	97
46) 1,1'-Biphenyl	13.413	154	325828	40.683	ng	99
47) 2-Chloronaphthalene	13.460	162	254830	41.162	ng	98
48) 2-Nitroaniline	13.672	65	90836	43.067	ng	95
49) Acenaphthylene	14.301	152	404566	41.247	ng	98
50) Dimethylphthalate	14.048	163	314176	38.349	ng	99
51) 2,6-Dinitrotoluene	14.166	165	65737	42.457	ng	# 78
52) Acenaphthene	14.642	154	243087	40.807	ng	99
53) 3-Nitroaniline	14.501	138	36057	24.830	ng	99
54) 2,4-Dinitrophenol	14.707	184	70496	85.858	ng	89
55) Dibenzofuran	14.977	168	387897	38.424	ng	94
56) 4-Nitrophenol	14.813	139	86310	74.775	ng	# 78
57) 2,4-Dinitrotoluene	14.954	165	88600	41.843	ng	# 95
58) Fluorene	15.630	166	310224	38.291	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	79301	39.202	ng	95
60) Diethylphthalate	15.401	149	334699	37.992	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	161979	38.510	ng	93
62) 4-Nitroaniline	15.665	138	52922	35.692	ng	# 76
63) Azobenzene	15.918	77	373710	37.812	ng	95
65) 4,6-Dinitro-2-methylph...	15.713	198	46572	46.297	ng	96
66) n-Nitrosodiphenylamine	15.842	169	259931	44.264	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	92140	42.692	ng	90
68) Hexachlorobenzene	16.630	284	101358	43.737	ng	98
69) Atrazine	16.795	200	91750	73.694	ng	98
70) Pentachlorophenol	16.977	266	121788	93.619	ng	100
71) Phenanthrene	17.371	178	454219	41.258	ng	99
72) Anthracene	17.459	178	455679	42.338	ng	99
73) Carbazole	17.736	167	366309	38.549	ng	98
74) Di-n-butylphthalate	18.295	149	532097	40.280	ng	98
75) Fluoranthene	19.383	202	464268	36.660	ng	98
77) Benzidine	19.577	184	75960	130.771	ng	97
78) Pyrene	19.748	202	464680	47.407	ng	99
80) Butylbenzylphthalate	20.642	149	198380	45.222	ng	99
81) Benzo(a)anthracene	21.489	228	343008	41.196	ng	99
82) 3,3'-Dichlorobenzidine	21.424	252	97125	29.751	ng	98
83) Chrysene	21.542	228	332753	41.506	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	279520	43.473	ng	99
85) Di-n-octyl phthalate	22.342	149	431428	41.277	ng	100
87) Indeno(1,2,3-cd)pyrene	26.424	276	253167	56.024	ng	# 94
88) Benzo(b)fluoranthene	23.183	252	293162	46.644	ng	98
89) Benzo(k)fluoranthene	23.230	252	272130	42.806	ng	96
90) Benzo(a)pyrene	23.812	252	256611	54.559	ng	97
91) Dibenzo(a,h)anthracene	26.441	278	204854	60.439	ng	97
92) Benzo(g,h,i)perylene	27.188	276	247072	56.685	ng	96

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

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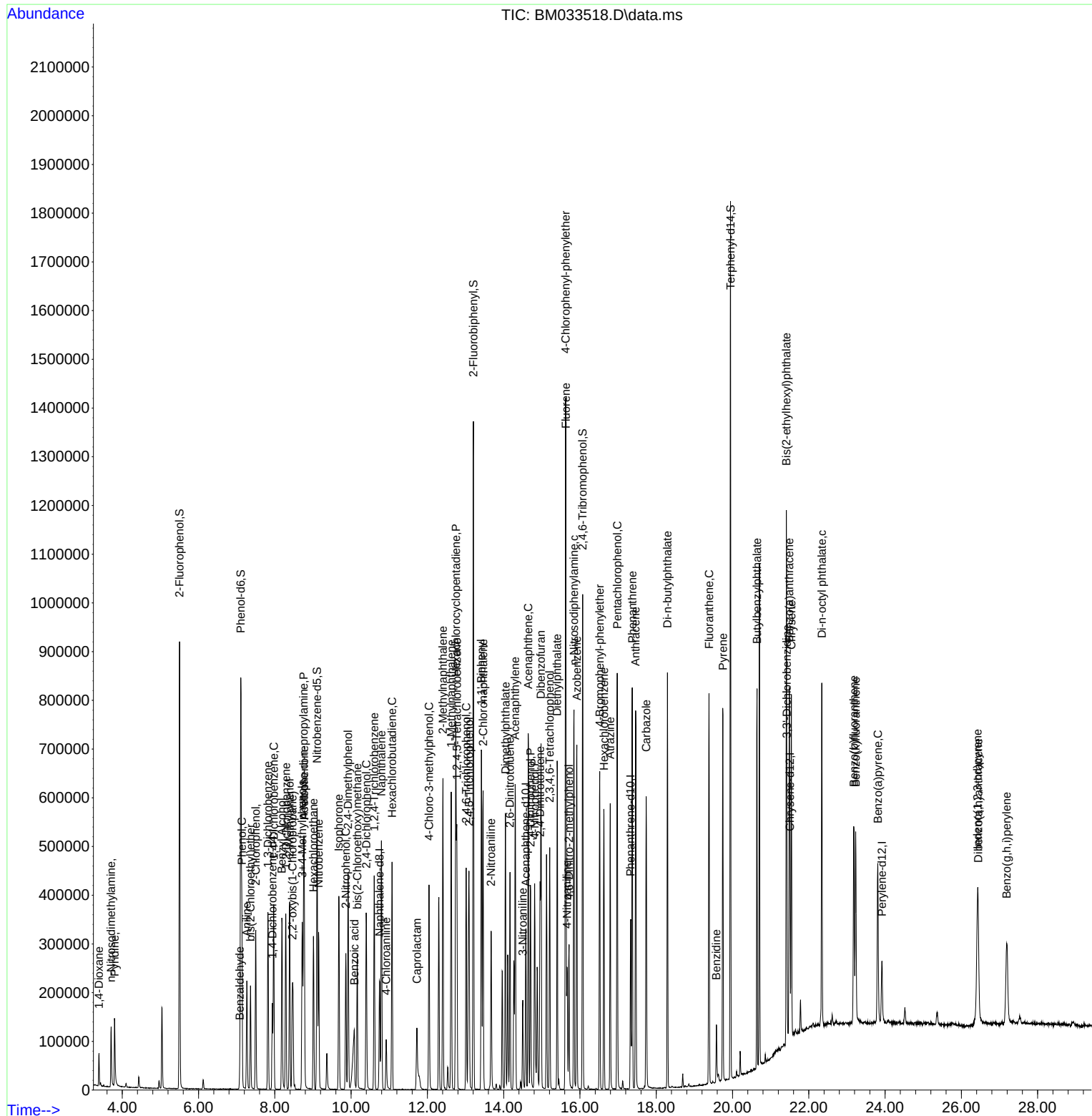
Quant Time: Dec 20 07:07:08 2021

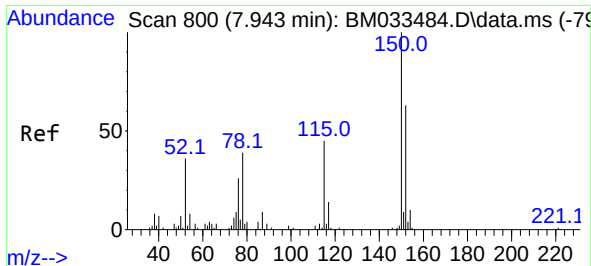
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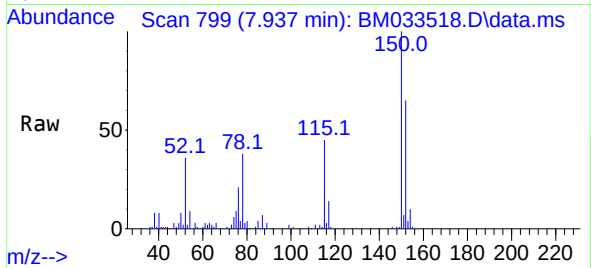
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

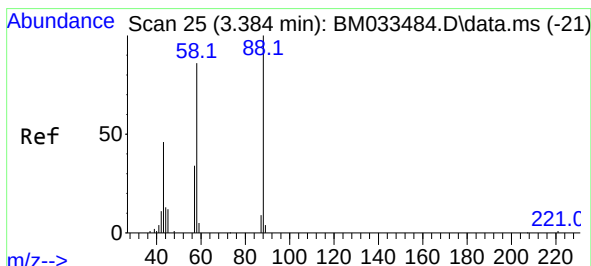
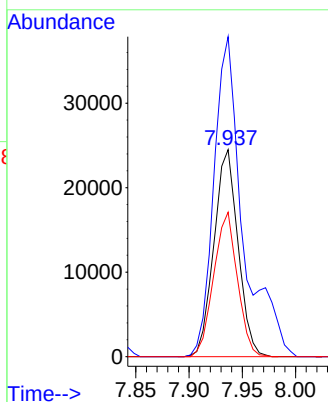
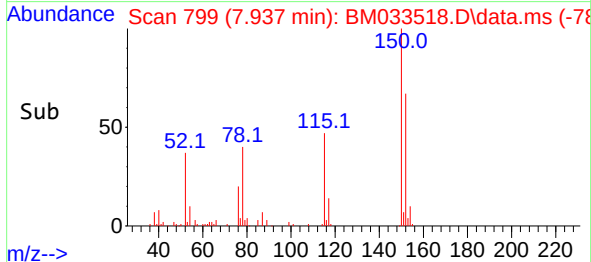
Instrument :
BNA_M
ClientSampleId :
PB141511BS



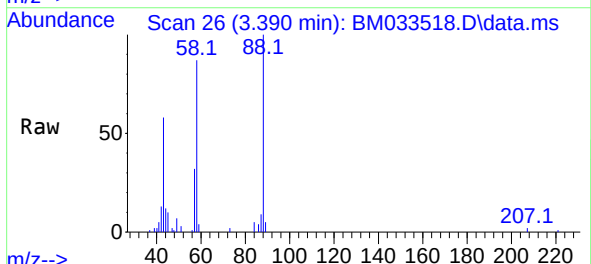
Tgt Ion:152 Resp: 3854
Ion Ratio Lower Upper
152 100
150 154.6 128.9 193.3
115 69.8 53.0 79.6

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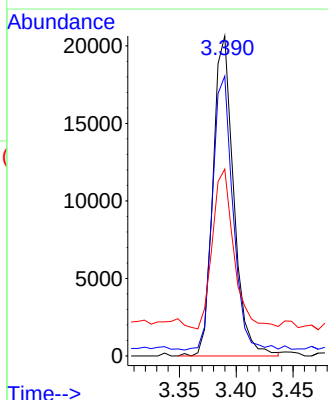
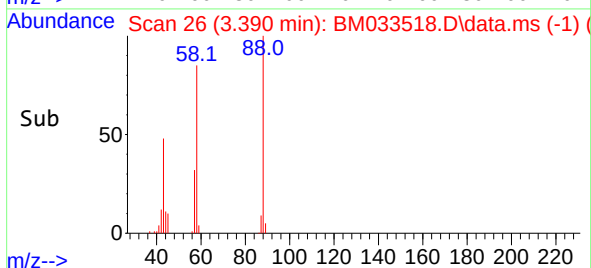
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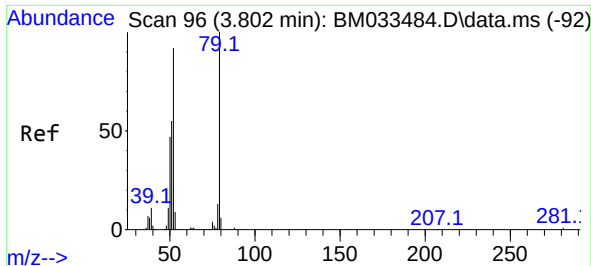


#2
1,4-Dioxane
Concen: 30.647 ng
RT: 3.390 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



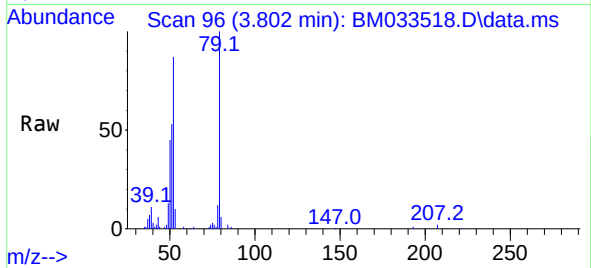
Tgt Ion: 88 Resp: 26115
Ion Ratio Lower Upper
88 100
58 85.1 67.0 100.4
43 51.9 31.6 47.4





#3
Pyridine
Concen: 25.801 ng
RT: 3.802 min Scan# 96
Delta R.T. -0.000 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

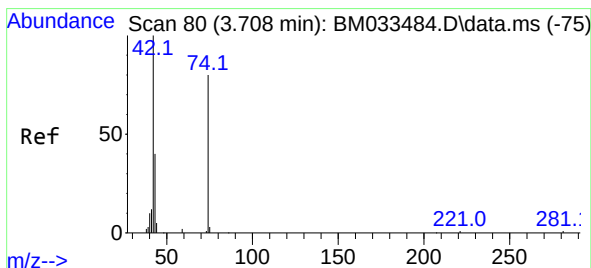
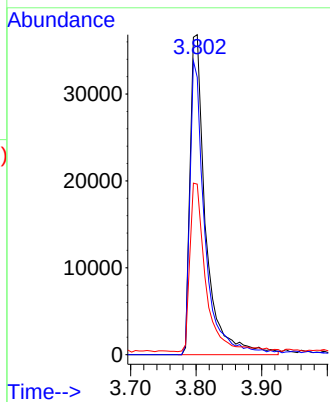
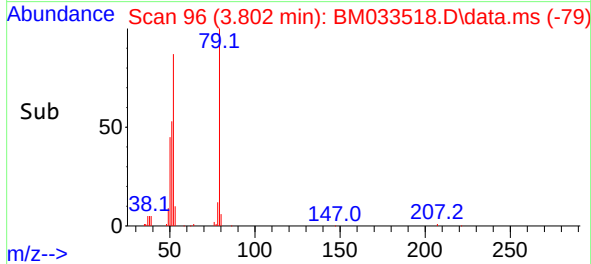
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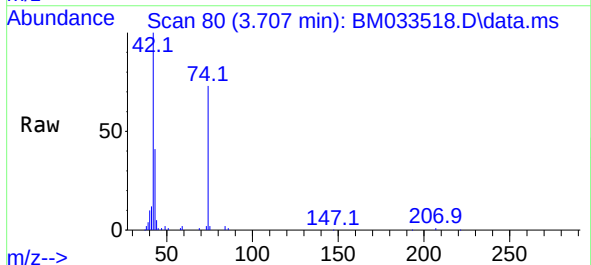
Tgt Ion: 79 Resp: 61400
Ion Ratio Lower Upper
79 100
52 86.7 65.4 98.2
51 53.3 34.8 52.2

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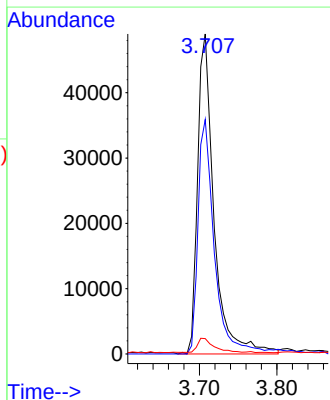
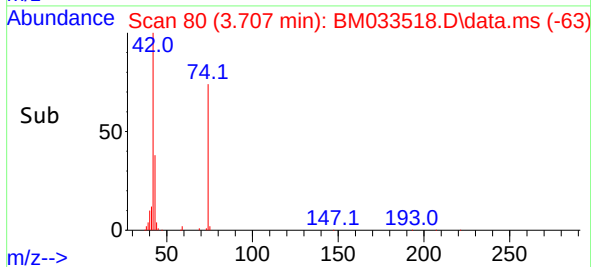
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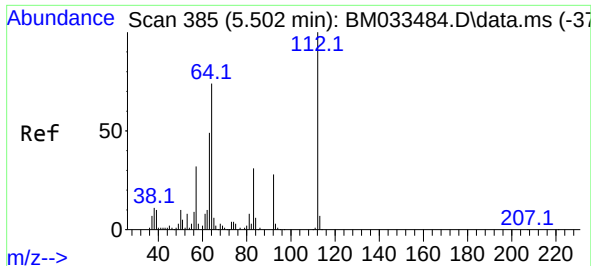


#4
n-Nitrosodimethylamine
Concen: 42.556 ng
RT: 3.707 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



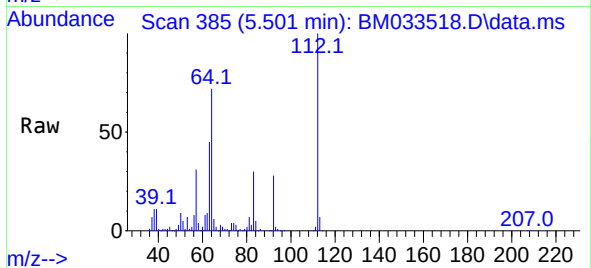
Tgt Ion: 42 Resp: 72035
Ion Ratio Lower Upper
42 100
74 73.3 72.5 108.7
44 4.8 5.4 8.2





#5
2-Fluorophenol
Concen: 128.459 ng
RT: 5.501 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

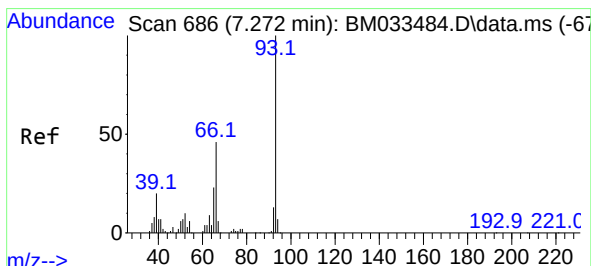
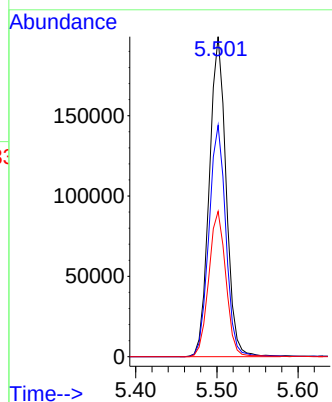
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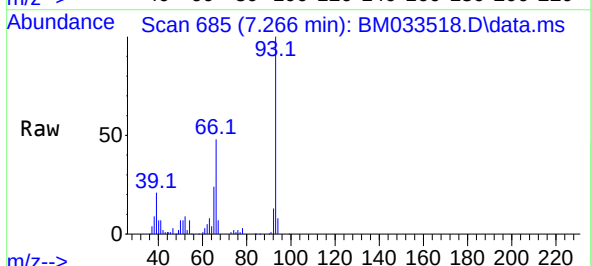
Tgt Ion: 112 Resp: 28697
Ion Ratio Lower Upper
112 100
64 72.3 55.5 83.3
63 45.4 31.3 46.9

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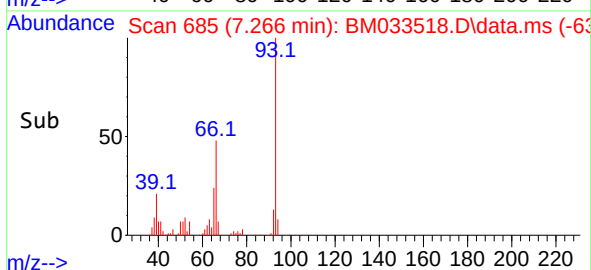
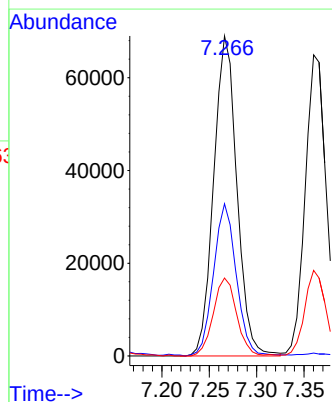
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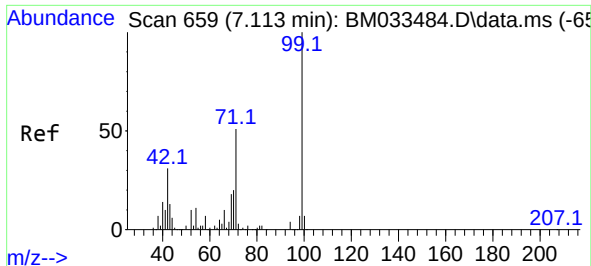


#6
Aniline
Concen: 34.327 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



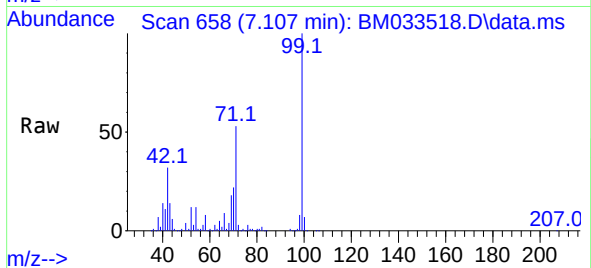
Tgt Ion: 93 Resp: 117532
Ion Ratio Lower Upper
93 100
66 47.5 36.0 54.0
65 24.4 18.2 27.4





#7
Phenol-d6
Concen: 122.713 ng
RT: 7.107 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

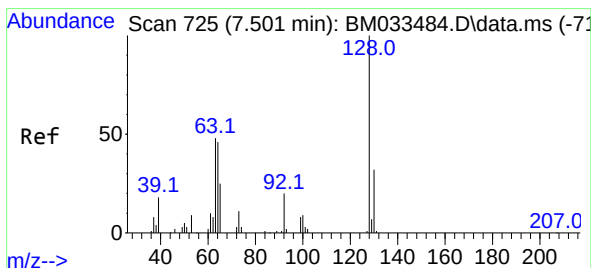
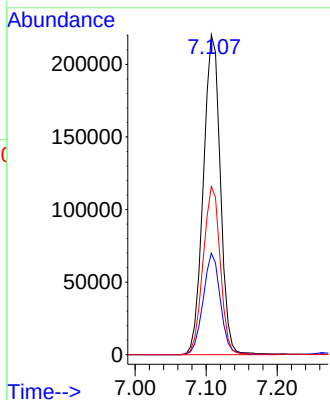
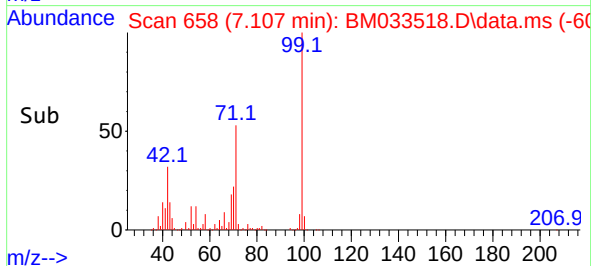
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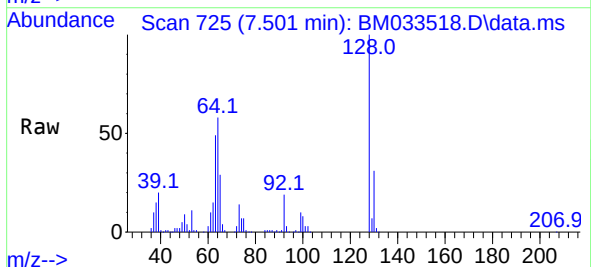
Tgt Ion: 99 Resp: 367890
Ion Ratio Lower Upper
99 100
42 31.7 20.3 30.5
71 52.5 34.5 51.7

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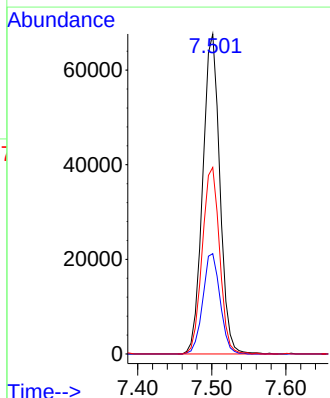
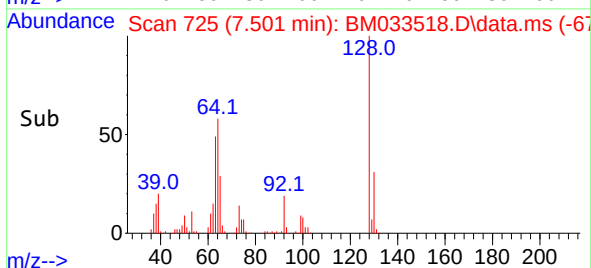
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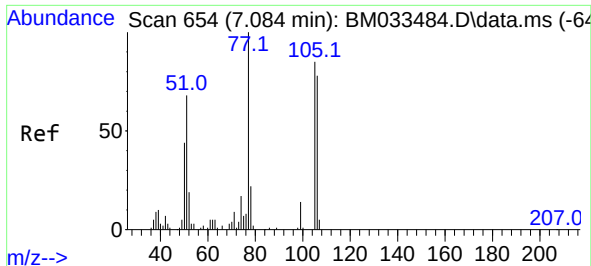


#8
2-Chlorophenol
Concen: 44.783 ng
RT: 7.501 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



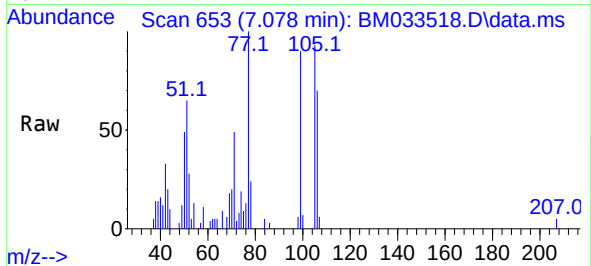
Tgt Ion:128 Resp: 108454
Ion Ratio Lower Upper
128 100
130 31.4 10.9 50.9
64 58.3 40.6 80.6





#9
Benzaldehyde
Concen: 3.607 ng m
RT: 7.078 min Scan# 654
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

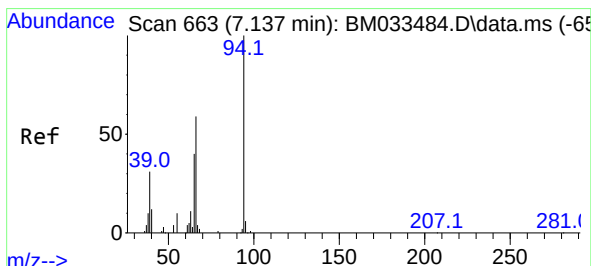
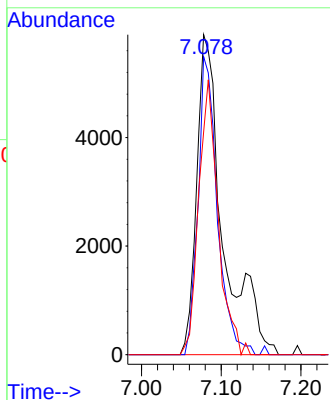
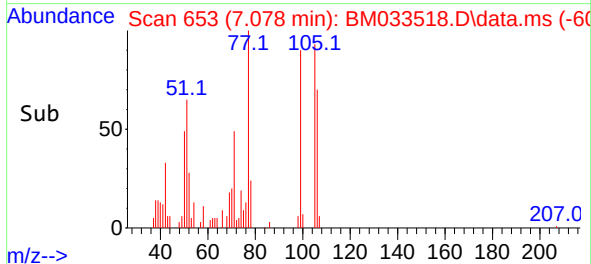
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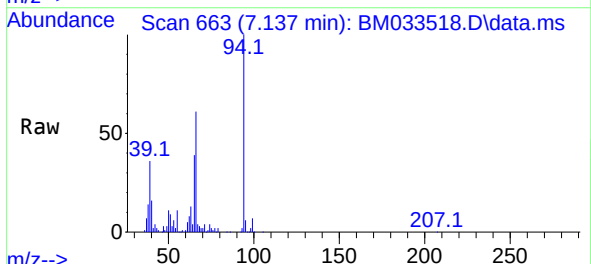
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Ion Ratio Lower Upper
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106 69.6 64.3 104.3

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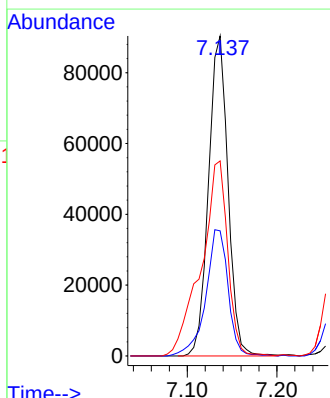
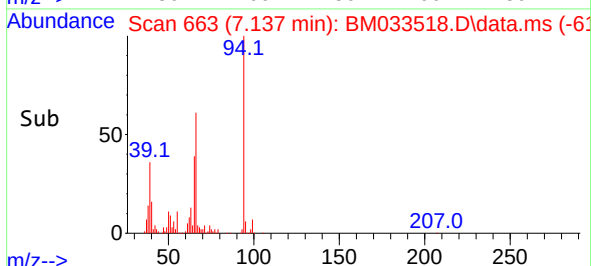
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

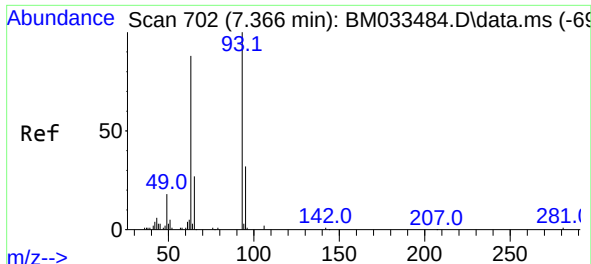


#10
Phenol
Concen: 44.959 ng
RT: 7.137 min Scan# 663
Delta R.T. -0.000 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



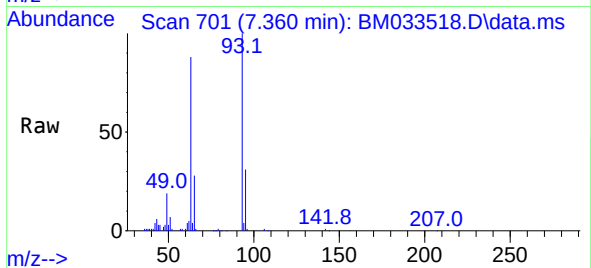
Tgt Ion: 94 Resp: 136169
Ion Ratio Lower Upper
94 100
65 39.1 15.5 55.5
66 61.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 43.190 ng
RT: 7.360 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

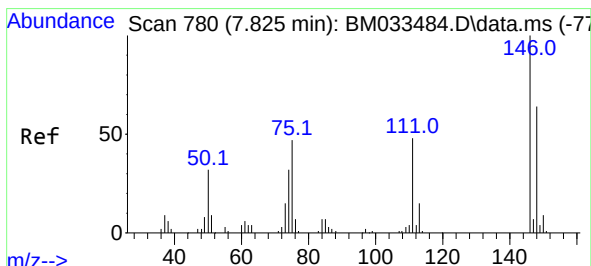
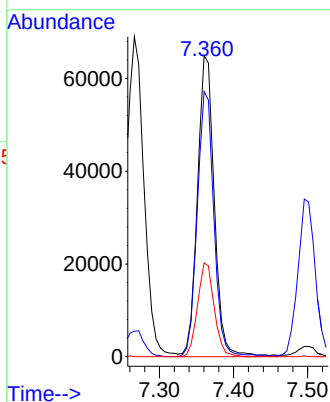
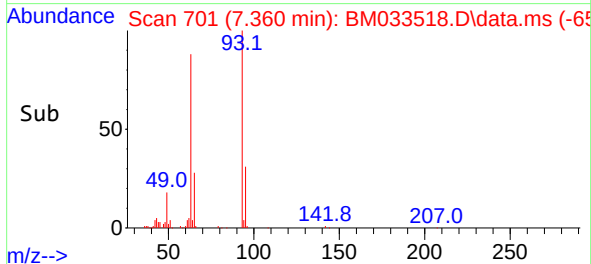
Instrument :
BNA_M
ClientSampleId :
PB141511BS



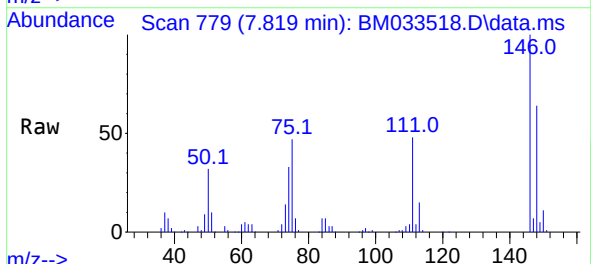
Tgt Ion: 93 Resp: 103073
Ion Ratio Lower Upper
93 100
63 88.0 67.0 107.0
95 31.1 11.6 51.6

Manual Integrations
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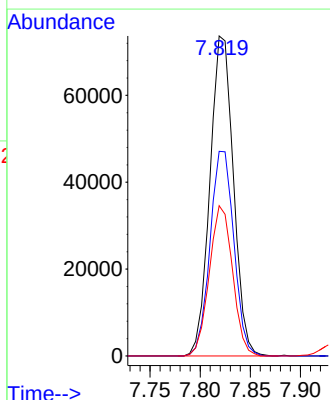
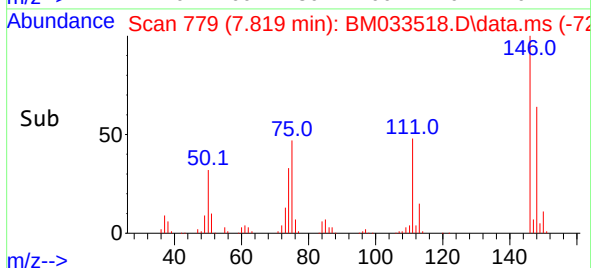
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

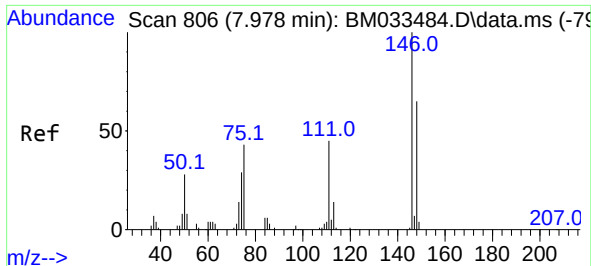


#12
1,3-Dichlorobenzene
Concen: 40.786 ng
RT: 7.819 min Scan# 779
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:146 Resp: 119999
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 47.0 32.0 48.0





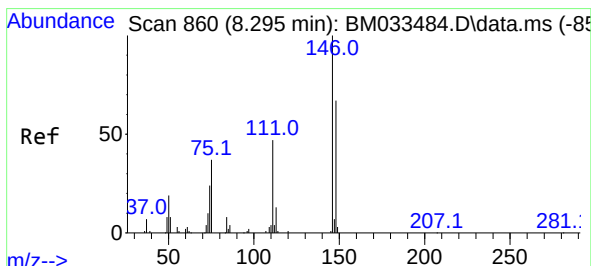
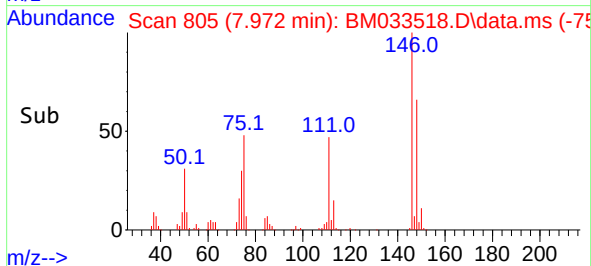
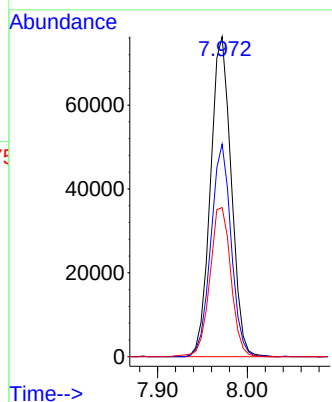
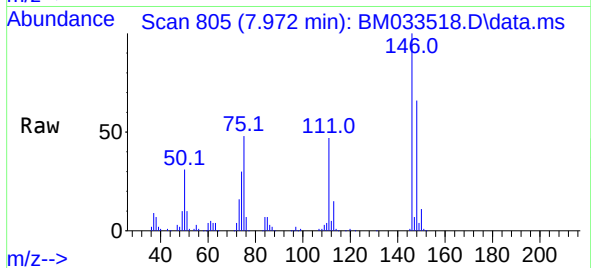
#13
1,4-Dichlorobenzene
Concen: 40.538 ng
RT: 7.972 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:146 Resp: 122395
Ion Ratio Lower Upper
146 100
148 66.4 53.4 80.0
111 46.6 36.6 55.0

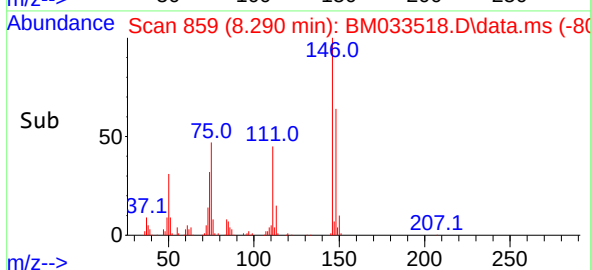
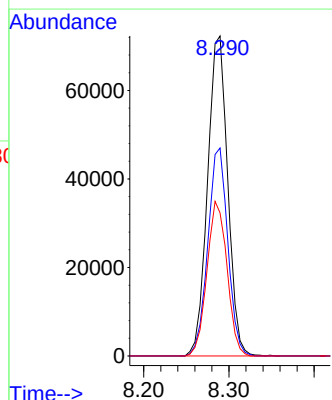
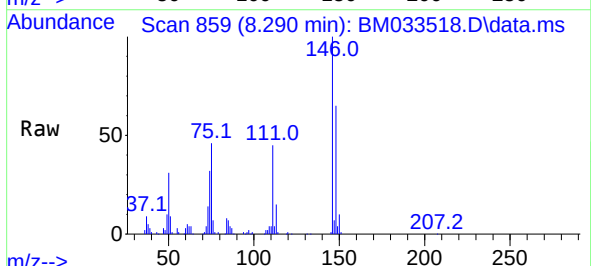
Manual Integrations
APPROVED

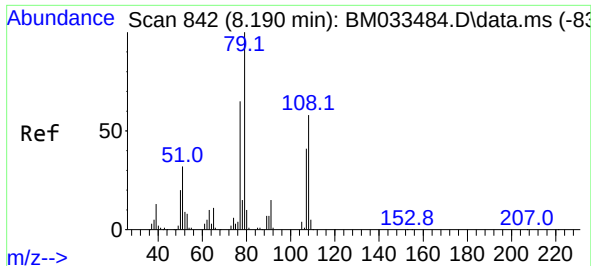
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#14
1,2-Dichlorobenzene
Concen: 40.075 ng
RT: 8.290 min Scan# 859
Delta R.T. -0.005 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

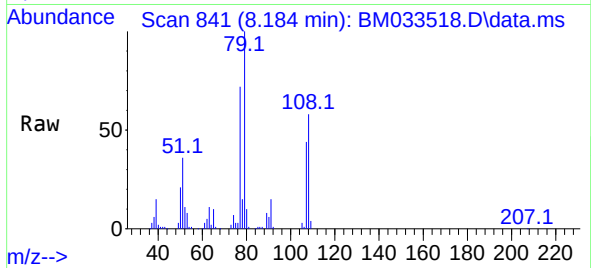
Tgt Ion:146 Resp: 118703
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
111 44.7 37.8 56.8





#15
Benzyl Alcohol
Concen: 44.110 ng m
RT: 8.184 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

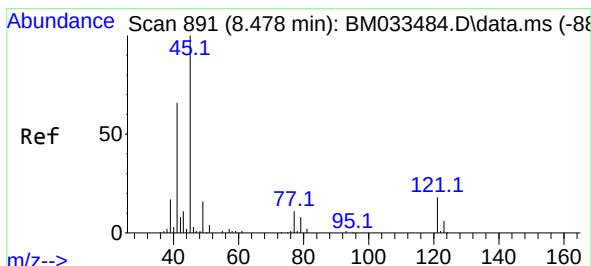
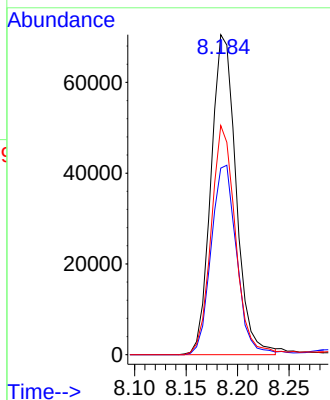
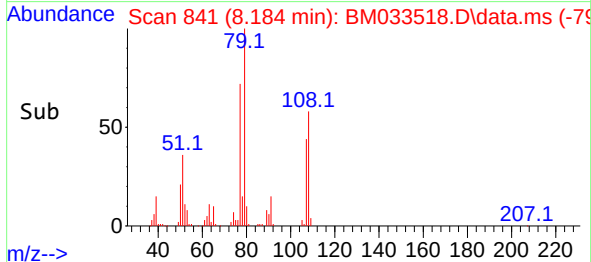
Instrument :
BNA_M
ClientSampleId :
PB141511BS



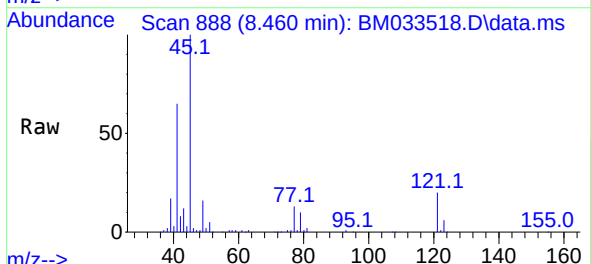
Tgt Ion: 79 Resp: 119190
Ion Ratio Lower Upper
79 100
108 58.3 51.1 76.7
77 71.6 53.8 80.8

Manual Integrations
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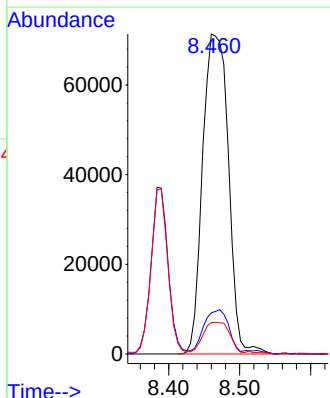
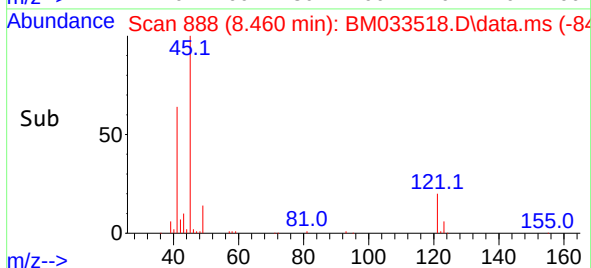
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

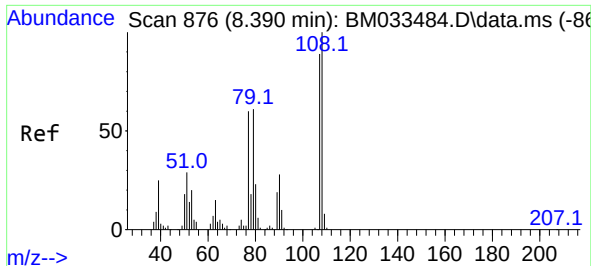


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.384 ng
RT: 8.460 min Scan# 888
Delta R.T. -0.018 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion: 45 Resp: 179849
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.7
79 9.8 0.0 30.0





#17
2-Methylphenol
Concen: 43.826 ng
RT: 8.389 min Scan# 81
Delta R.T. -0.001 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

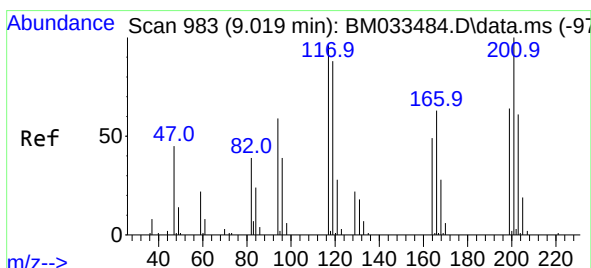
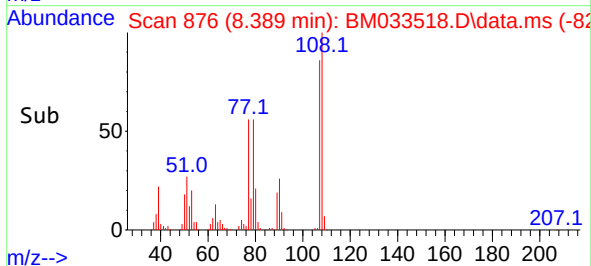
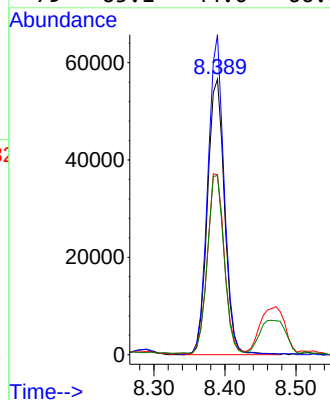
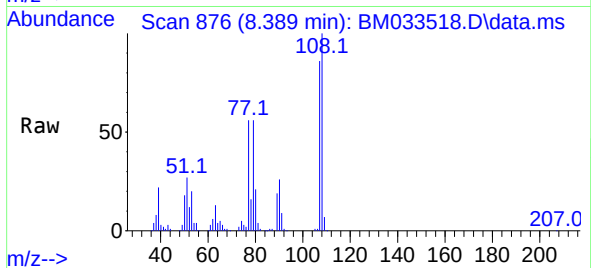
PB141511BS

Tgt Ion:107 Resp: 9433
Ion Ratio Lower Upper
107 100
108 116.2 89.2 133.8
77 65.4 46.0 69.0
79 65.1 44.0 66.0

Manual Integrations

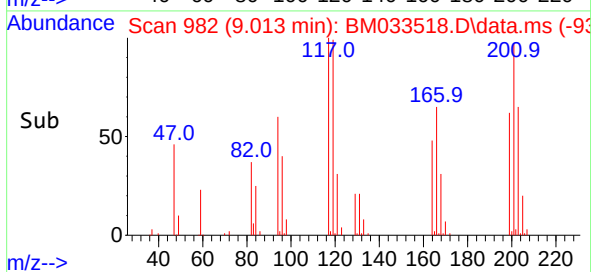
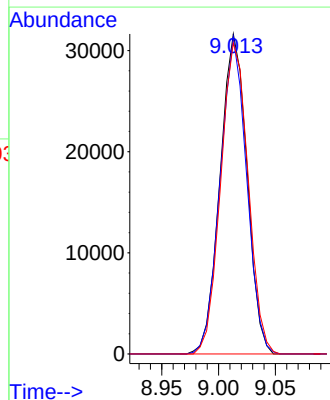
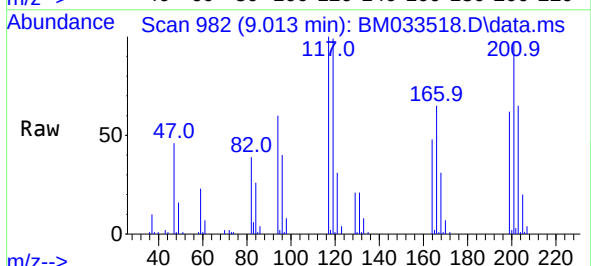
APPROVED

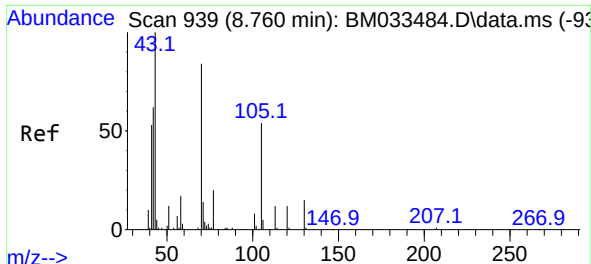
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#18
Hexachloroethane
Concen: 41.456 ng
RT: 9.013 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

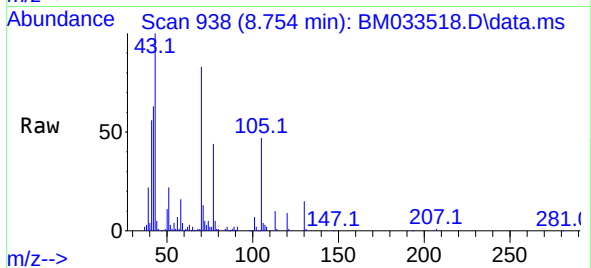
Tgt Ion:117 Resp: 52155
Ion Ratio Lower Upper
117 100
119 99.1 75.0 112.6
201 97.2 75.2 112.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.456 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

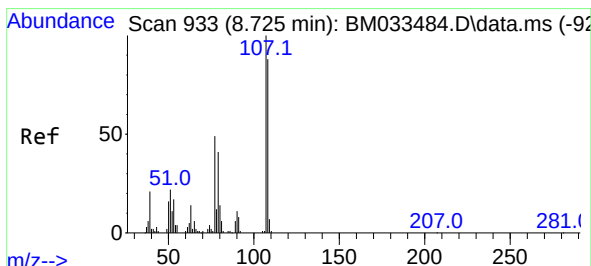
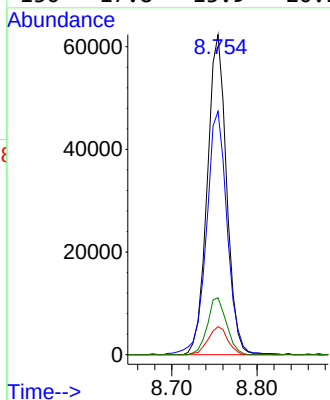
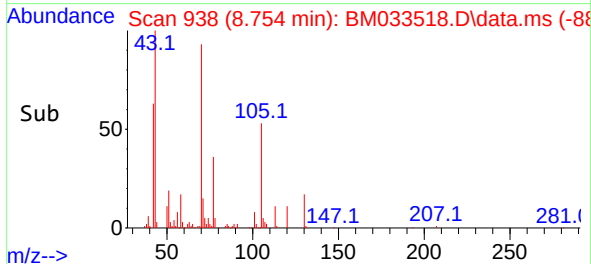
Instrument :
BNA_M
ClientSampleId :
PB141511BS



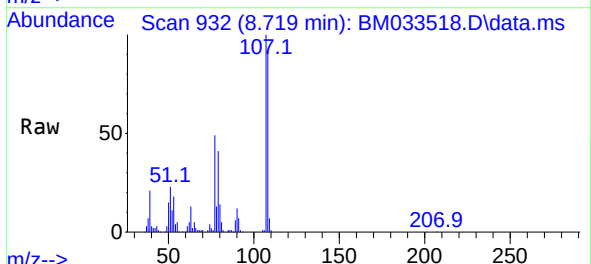
Tgt Ion: 70 Resp: 9798
Ion Ratio Lower Upper
70 100
42 76.0 54.1 81.1
101 8.8 7.8 11.6
130 17.8 13.9 20.9

Manual Integrations
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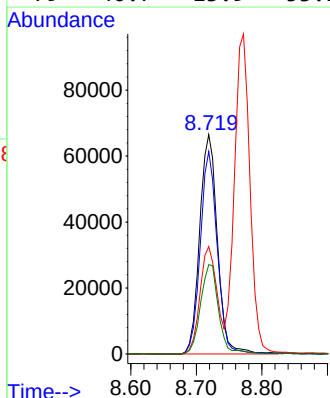
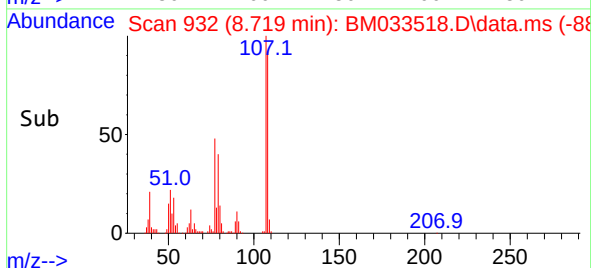
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

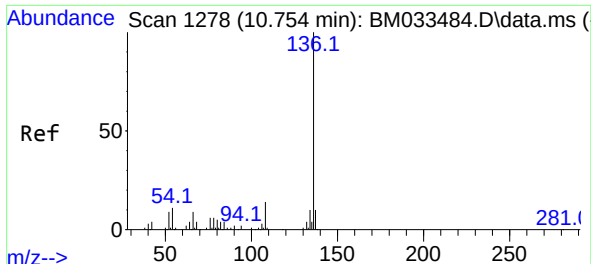


#20
3+4-Methylphenols
Concen: 43.621 ng
RT: 8.719 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



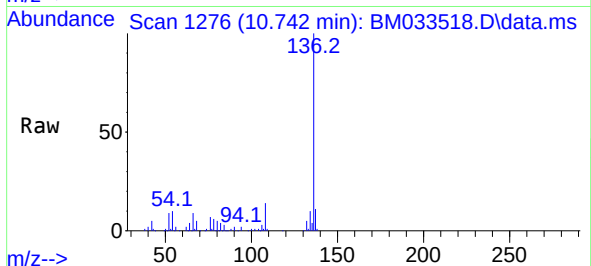
Tgt Ion:107 Resp: 125247
Ion Ratio Lower Upper
107 100
108 92.2 64.2 104.2
77 48.9 22.7 62.7
79 40.7 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1075
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

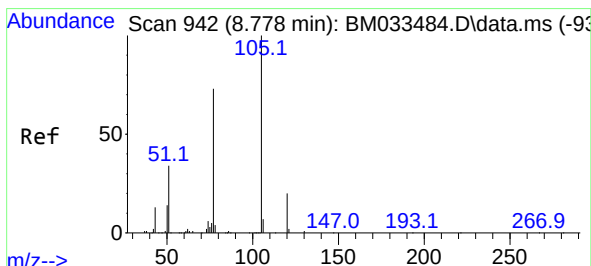
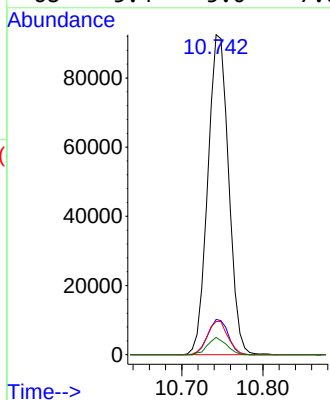
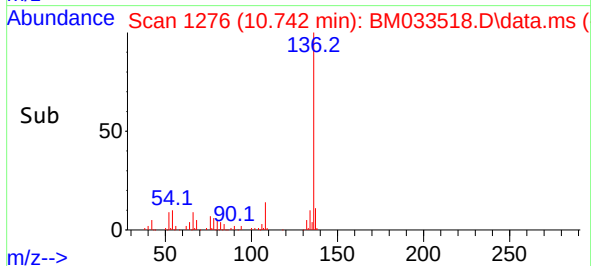
Instrument :
BNA_M
ClientSampleId :
PB141511BS



Tgt Ion:136 Resp: 164512
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.4 8.3 12.5
68 5.4 5.0 7.6

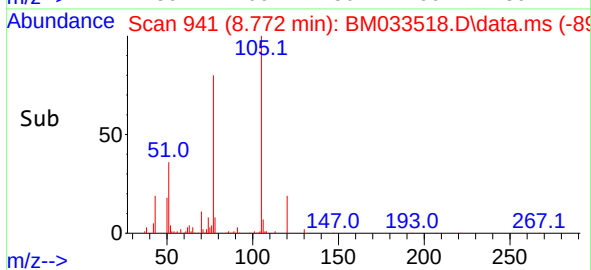
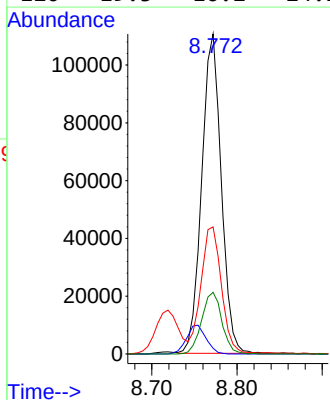
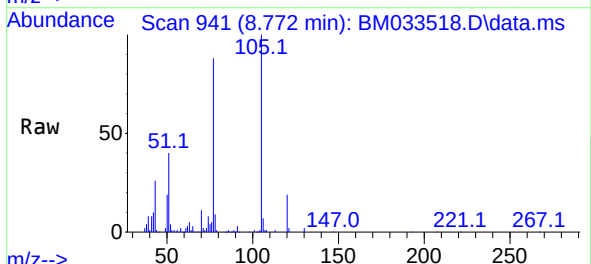
Manual Integrations
APPROVED

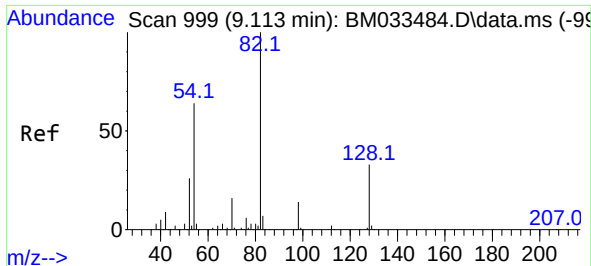
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#22
Acetophenone
Concen: 39.501 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

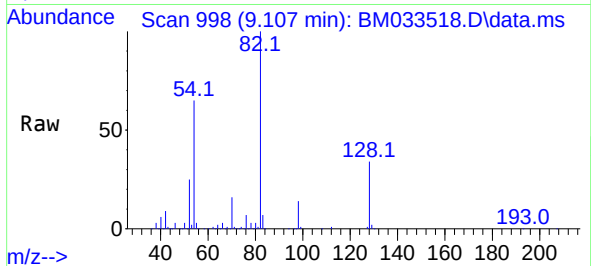
Tgt Ion:105 Resp: 175938
Ion Ratio Lower Upper
105 100
71 1.8 1.6 2.4
51 39.7 27.7 41.5
120 19.3 16.2 24.2





#23
Nitrobenzene-d5
Concen: 78.977 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

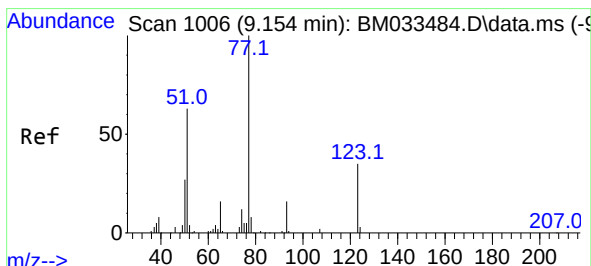
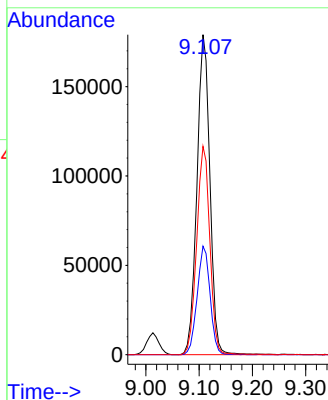
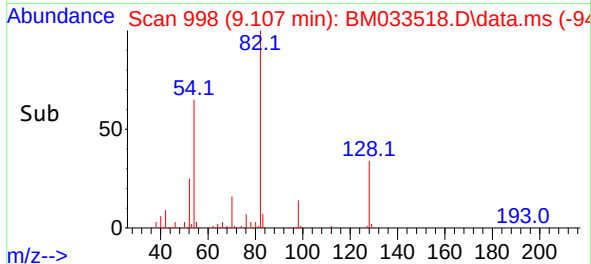
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BNA_M
ClientSampleId :
PB141511BS



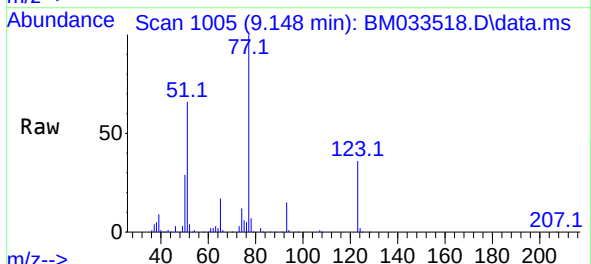
Tgt Ion: 82 Resp: 302594
Ion Ratio Lower Upper
82 100
128 33.9 28.1 42.1
54 65.1 46.1 69.1

Manual Integrations
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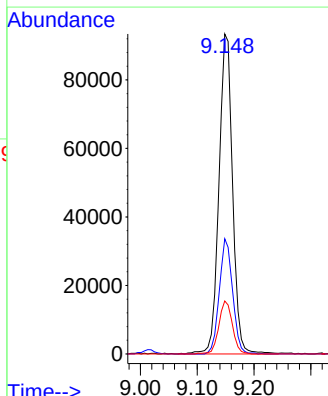
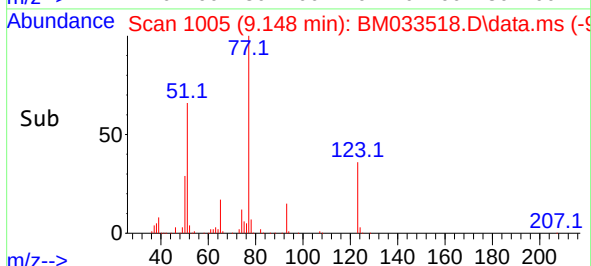
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

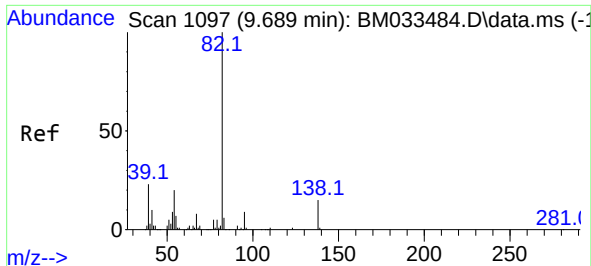


#24
Nitrobenzene
Concen: 41.467 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



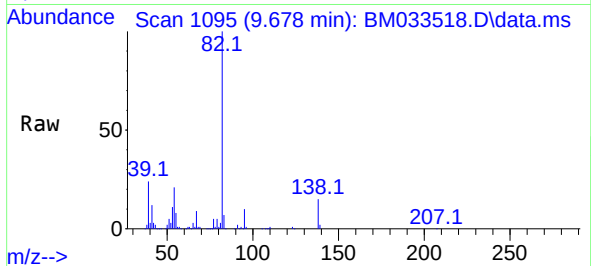
Tgt Ion: 77 Resp: 156059
Ion Ratio Lower Upper
77 100
123 36.0 29.8 44.8
65 16.5 11.5 17.3





#25
Isophorone
Concen: 39.548 ng
RT: 9.678 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

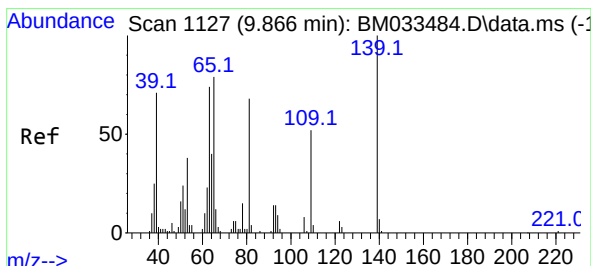
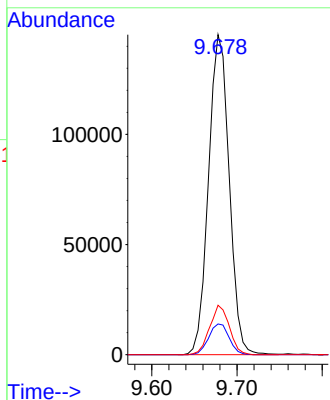
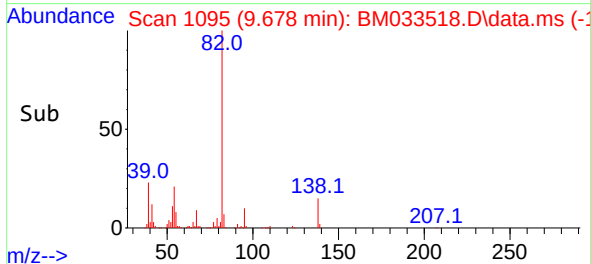
Instrument :
BNA_M
ClientSampleId :
PB141511BS



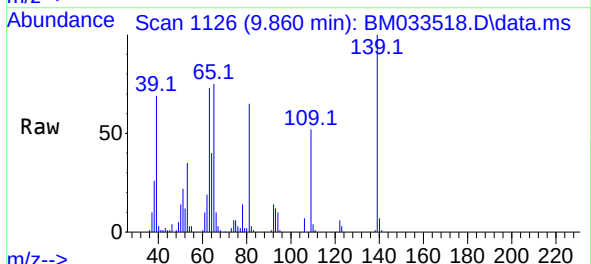
Tgt Ion: 82 Resp: 24532
Ion Ratio Lower Upper
82 100
95 9.6 6.4 9.6
138 15.5 12.4 18.6

Manual Integrations
APPROVED

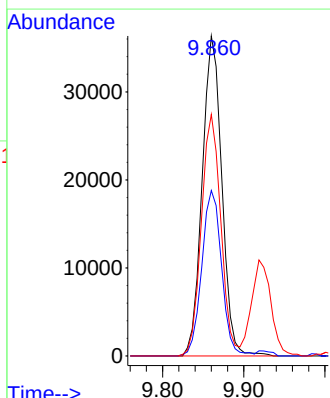
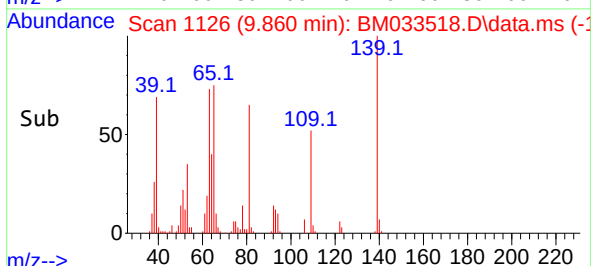
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

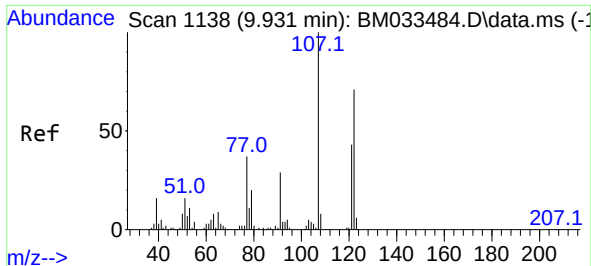


#26
2-Nitrophenol
Concen: 46.436 ng
RT: 9.860 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:139 Resp: 61040
Ion Ratio Lower Upper
139 100
109 51.7 33.0 49.6
65 75.4 57.2 85.8





#27
2,4-Dimethylphenol
Concen: 48.014 ng
RT: 9.919 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

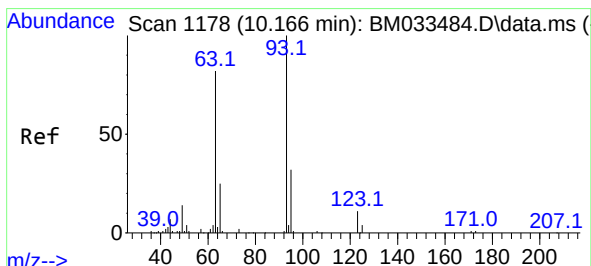
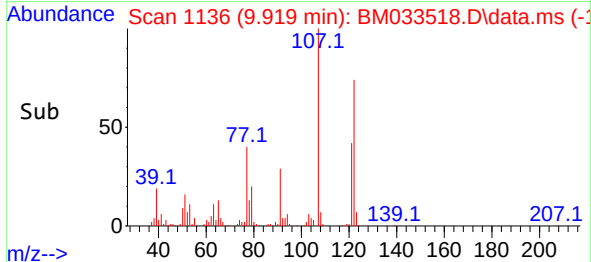
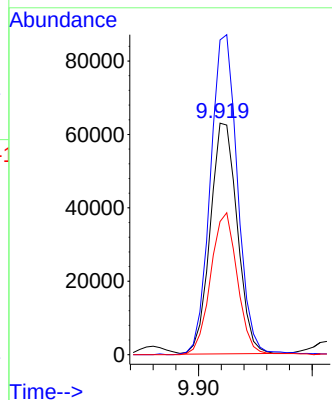
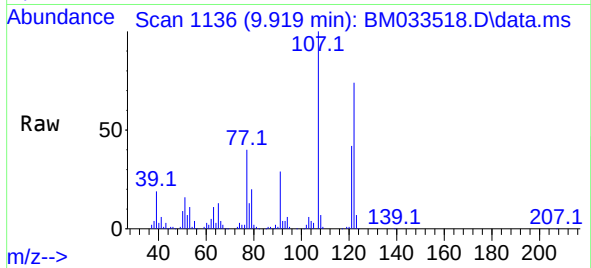
PB141511BS

Tgt Ion:122 Resp: 103724
Ion Ratio Lower Upper
122 100
107 136.0 105.3 157.9
121 57.5 49.7 74.5

Manual Integrations

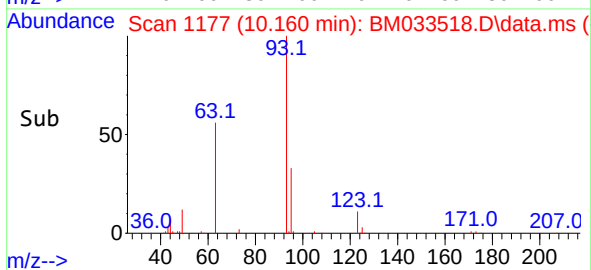
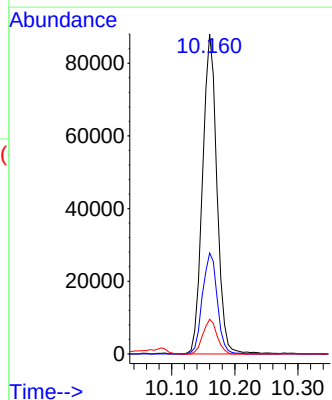
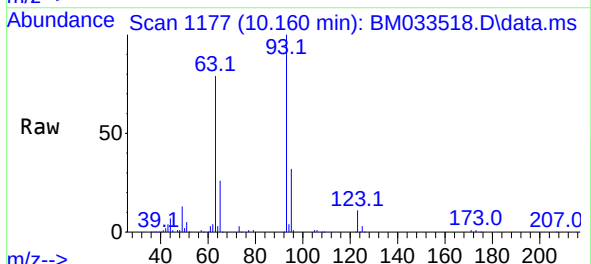
APPROVED

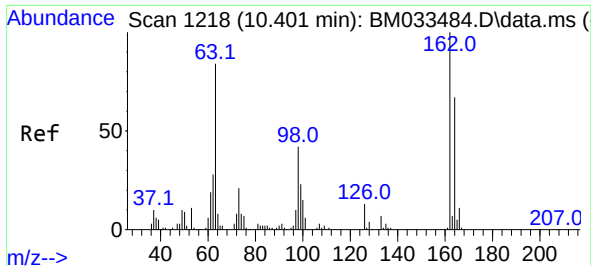
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#28
bis(2-Chloroethoxy)methane
Concen: 40.883 ng
RT: 10.160 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion: 93 Resp: 139299
Ion Ratio Lower Upper
93 100
95 31.6 26.8 40.2
123 10.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 43.625 ng

RT: 10.395 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

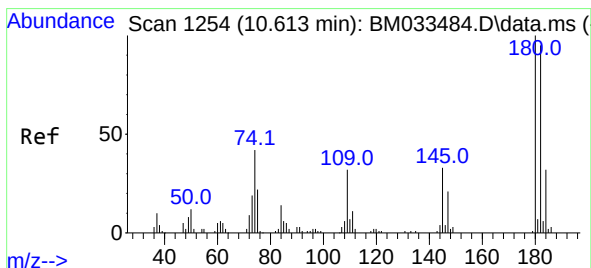
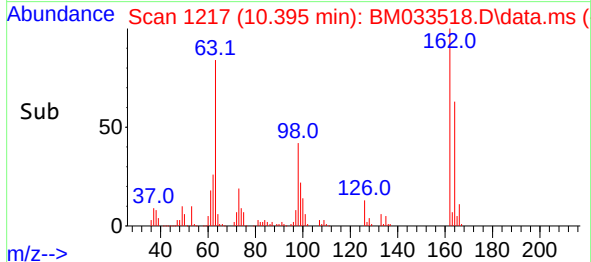
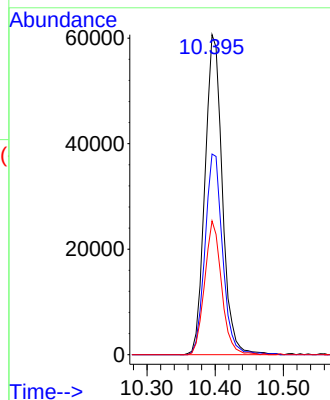
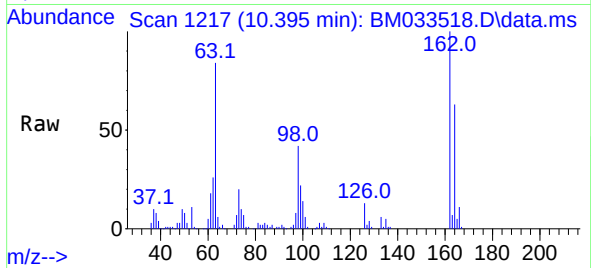
PB141511BS

Tgt Ion:162 Resp: 107494
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.4 84.4
 98 41.8 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/23/2021



#30

1,2,4-Trichlorobenzene

Concen: 38.707 ng

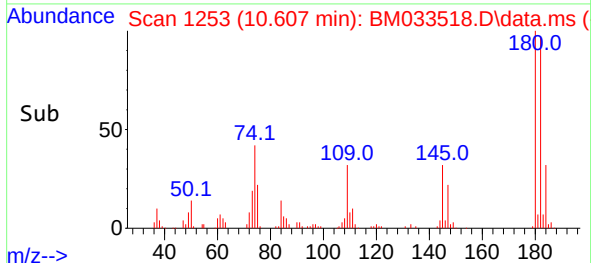
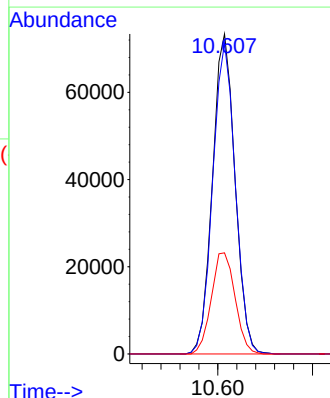
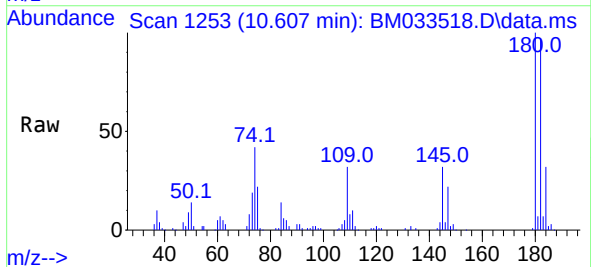
RT: 10.607 min Scan# 1253

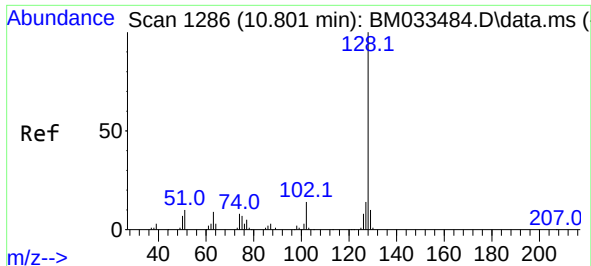
Delta R.T. -0.006 min

Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

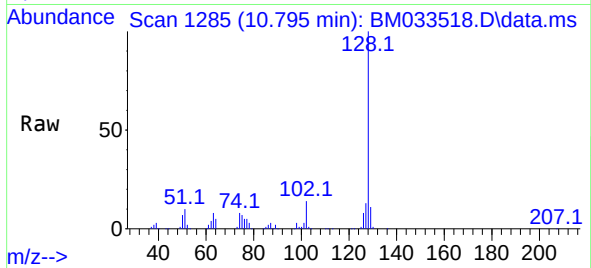
Tgt Ion:180 Resp: 120936
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.8 116.8
 145 31.6 26.0 39.0





#31
Naphthalene
Concen: 39.929 ng
RT: 10.795 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

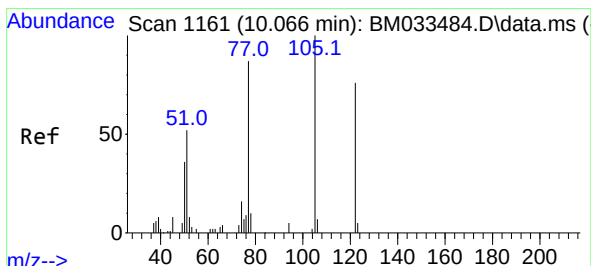
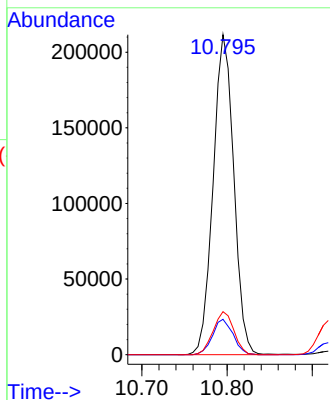
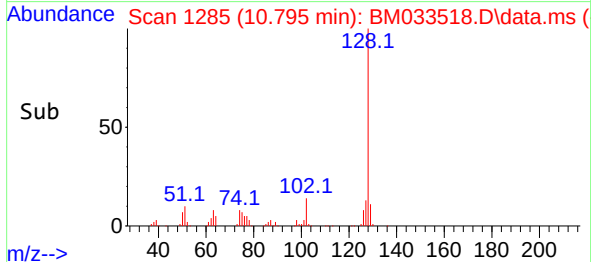
Instrument :
BNA_M
ClientSampleId :
PB141511BS



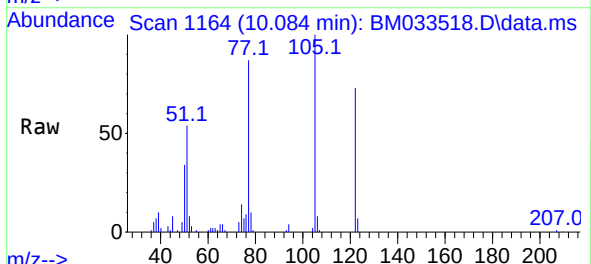
Tgt Ion:128 Resp: 355840
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.4 10.8 16.2

Manual Integrations
APPROVED

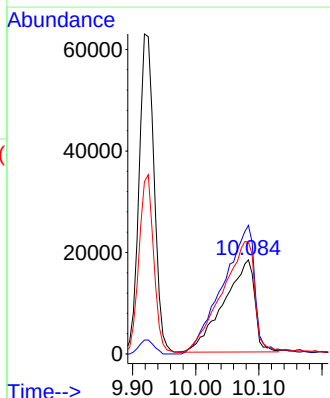
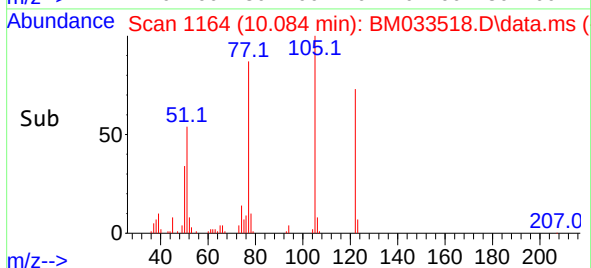
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

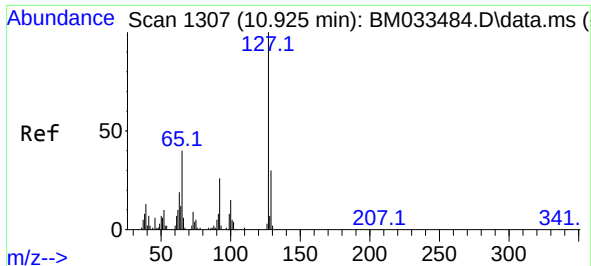


#32
Benzoic acid
Concen: 41.711 ng
RT: 10.084 min Scan# 1164
Delta R.T. 0.018 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:122 Resp: 62220
Ion Ratio Lower Upper
122 100
105 136.7 119.6 159.6
77 119.1 101.0 141.0





#33
4-Chloroaniline
Concen: 16.337 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

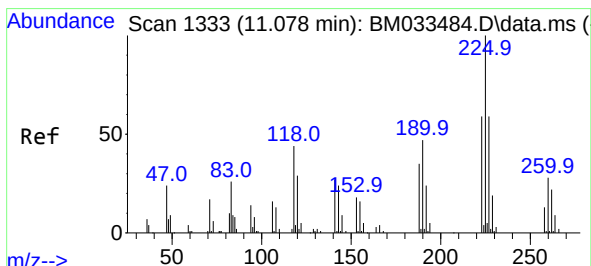
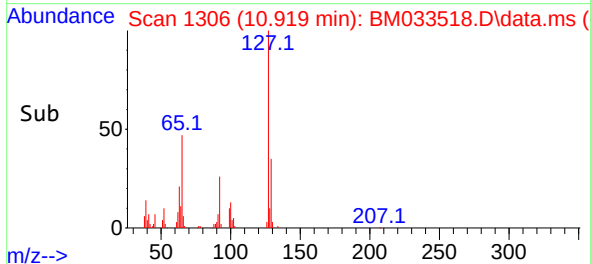
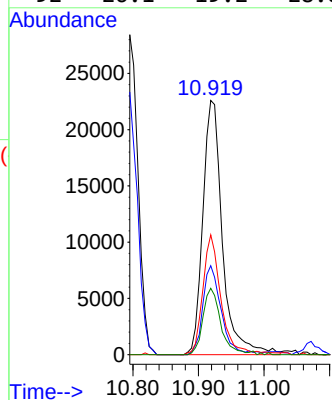
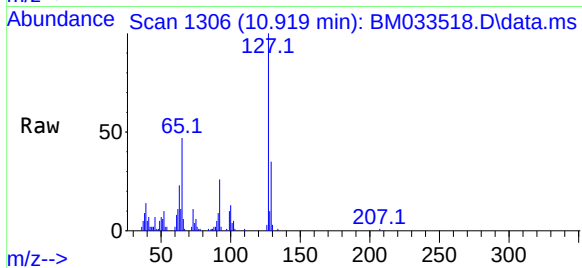
PB141511BS

Tgt Ion:127 Resp: 4710
Ion Ratio Lower Upper
127 100
129 35.0 26.2 39.4
65 47.1 33.0 49.6
92 26.1 19.2 28.8

Manual Integrations

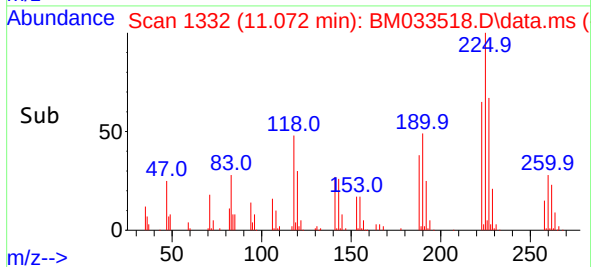
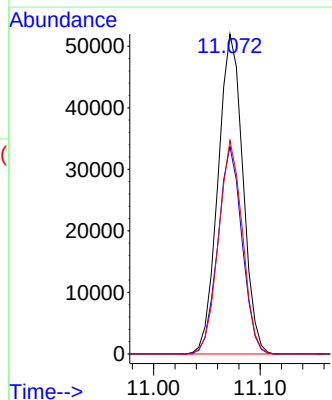
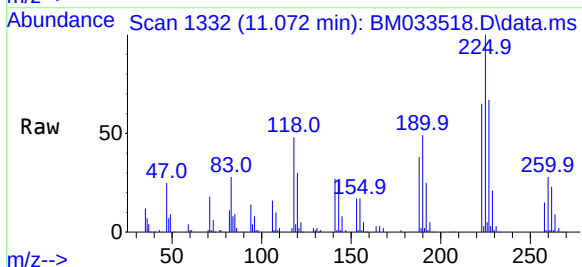
APPROVED

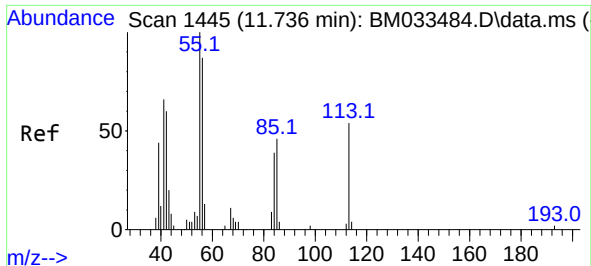
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#34
Hexachlorobutadiene
Concen: 38.627 ng
RT: 11.072 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

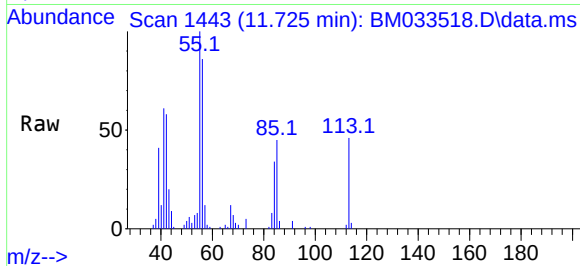
Tgt Ion:225 Resp: 84143
Ion Ratio Lower Upper
225 100
223 64.7 52.5 78.7
227 66.8 52.7 79.1





#35
Caprolactam
Concen: 56.476 ng m
RT: 11.725 min Scan# 1443
Delta R.T. -0.011 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

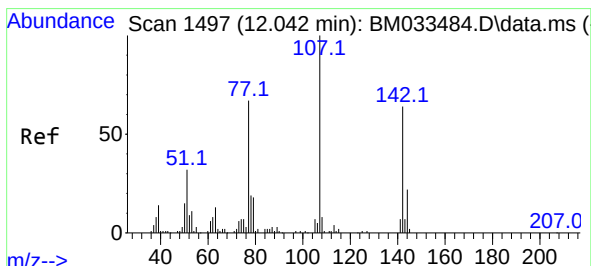
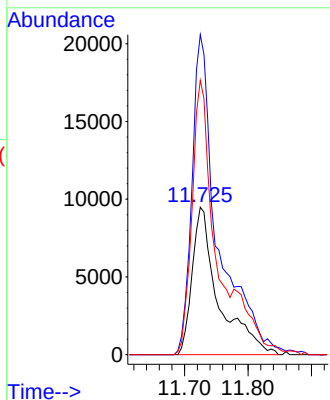
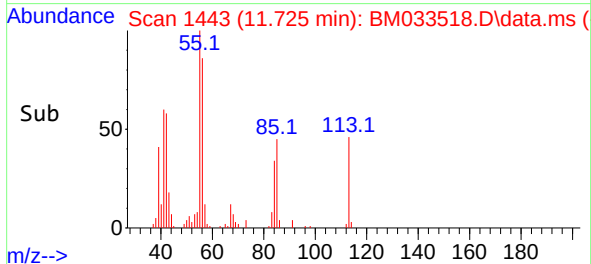
Instrument :
BNA_M
ClientSampleId :
PB141511BS



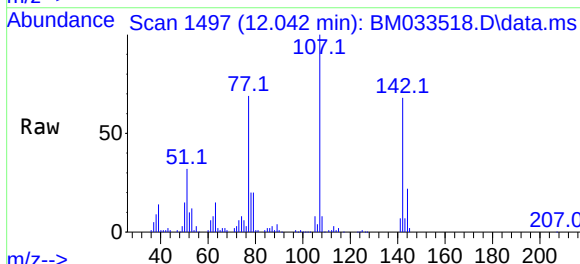
Tgt Ion:113 Resp: 2749
Ion Ratio Lower Upper
113 100
55 216.8 183.6 223.6
56 185.9 143.7 183.7

Manual Integrations
APPROVED

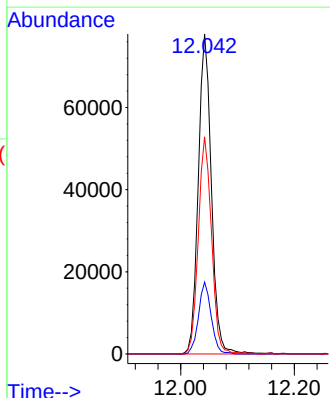
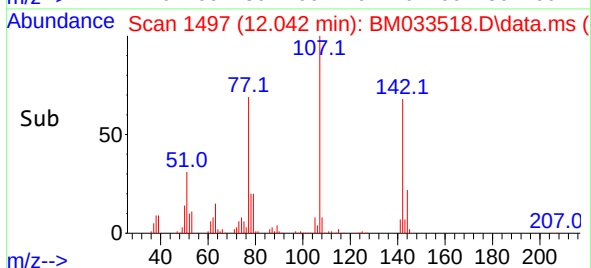
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

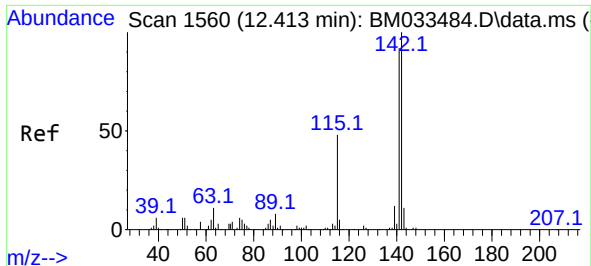


#36
4-Chloro-3-methylphenol
Concen: 39.507 ng
RT: 12.042 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:107 Resp: 124945
Ion Ratio Lower Upper
107 100
144 22.4 18.6 27.8
142 67.9 56.9 85.3





#37

2-Methylnaphthalene

Concen: 42.155 ng

RT: 12.407 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

PB141511BS

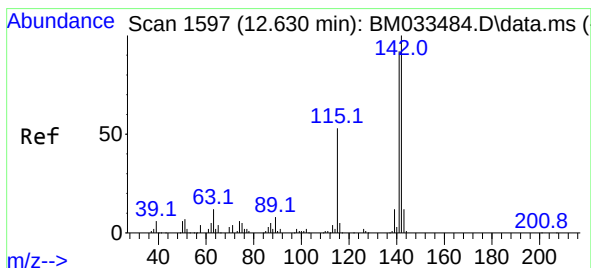
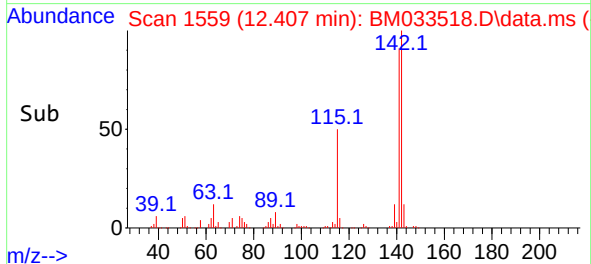
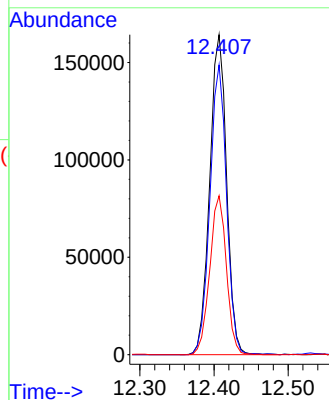
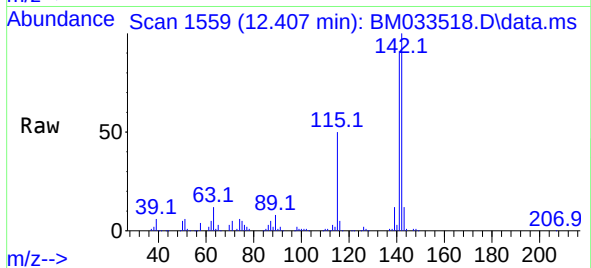
Tgt Ion:142 Resp: 25987

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2
115	49.7	33.0	49.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#38

1-Methylnaphthalene

Concen: 38.997 ng

RT: 12.625 min Scan# 1596

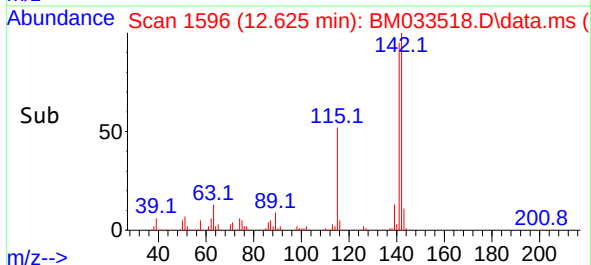
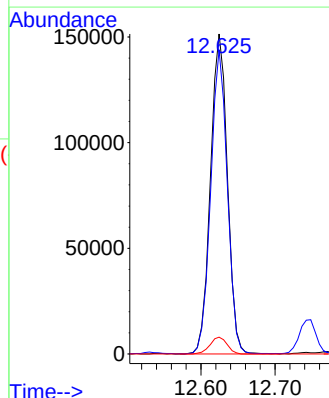
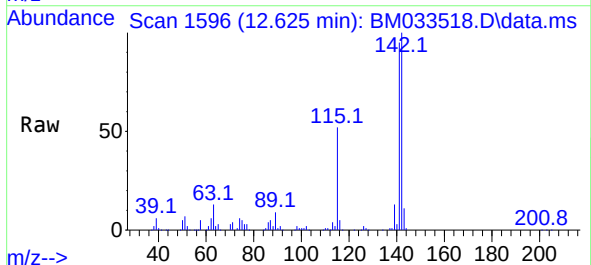
Delta R.T. -0.005 min

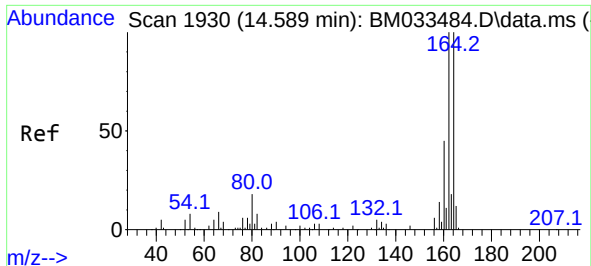
Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Tgt Ion:142 Resp: 239794

Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.0	112.4
116	5.2	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1930

Delta R.T. -0.012 min

Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

PB141511BS

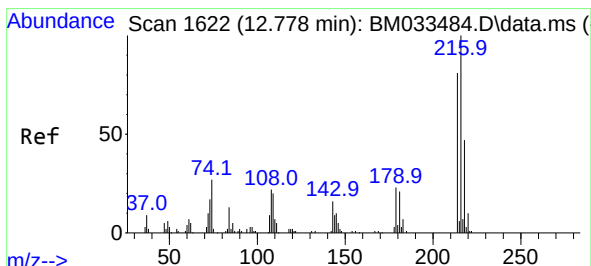
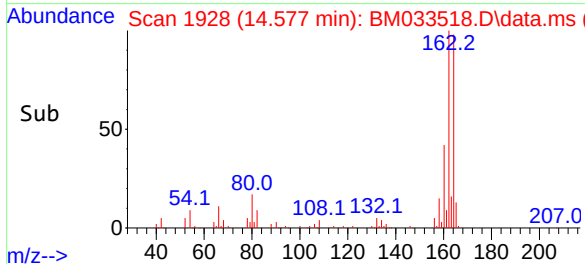
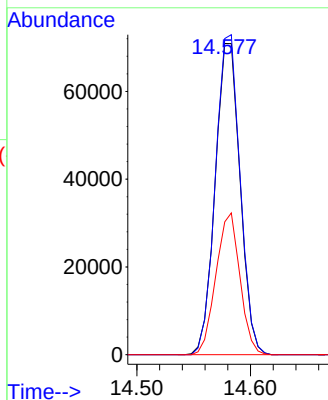
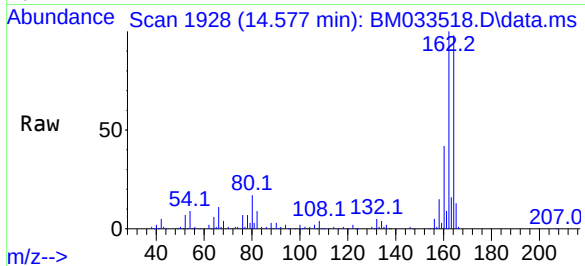
Tgt Ion:164 Resp: 10815

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.7	119.5
160	42.7	34.2	51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.107 ng

RT: 12.772 min Scan# 1621

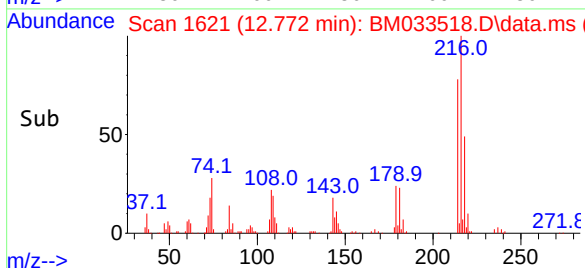
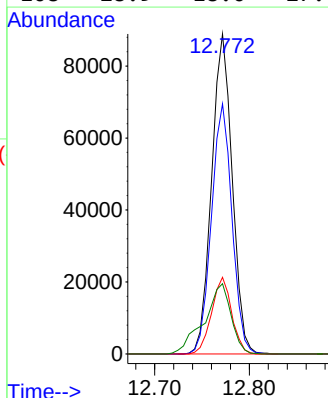
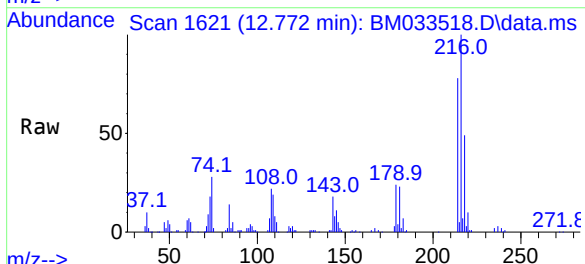
Delta R.T. -0.006 min

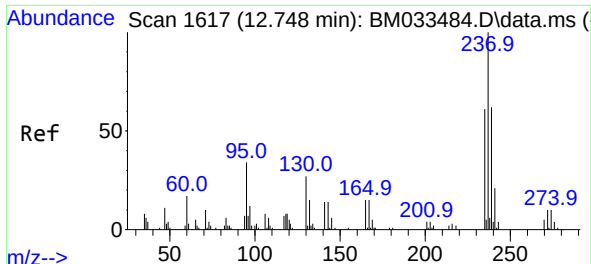
Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Tgt Ion:216 Resp: 134309

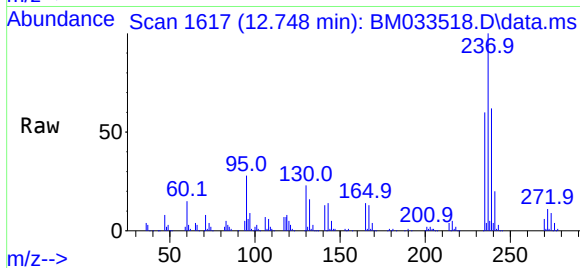
Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	23.4	18.2	27.2
108	28.9	18.0	27.0





#41
Hexachlorocyclopentadiene
Concen: 137.491 ng
RT: 12.748 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

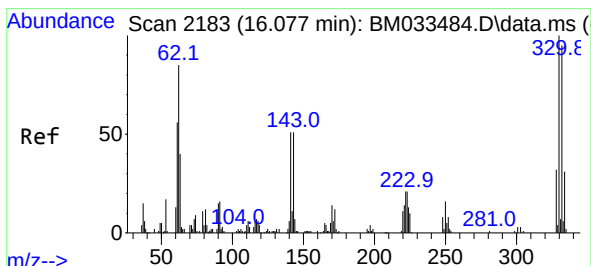
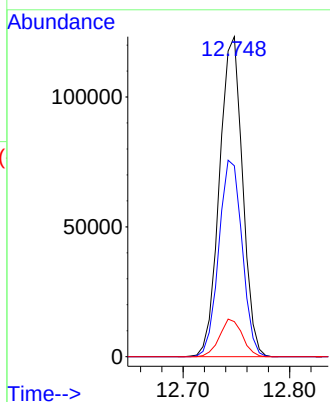
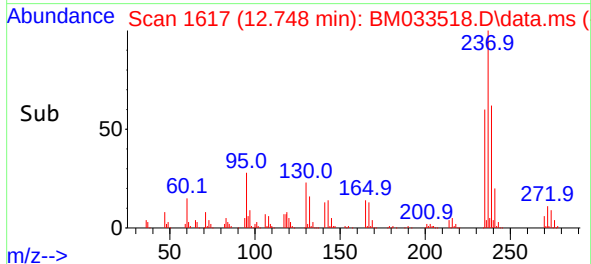
Instrument :
BNA_M
ClientSampleId :
PB141511BS



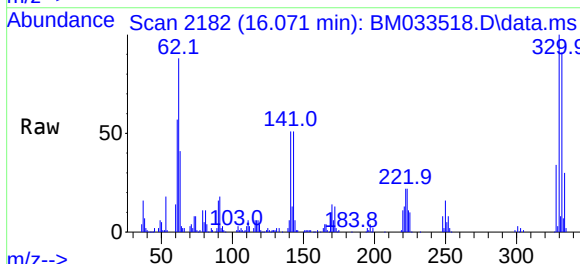
Tgt Ion:237 Resp: 185254
Ion Ratio Lower Upper
237 100
235 59.7 41.7 81.7
272 11.0 0.0 32.5

Manual Integrations
APPROVED

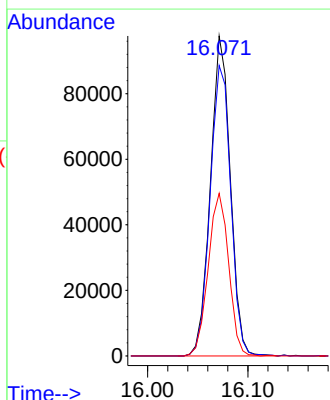
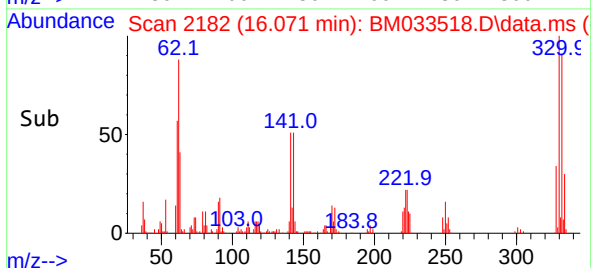
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

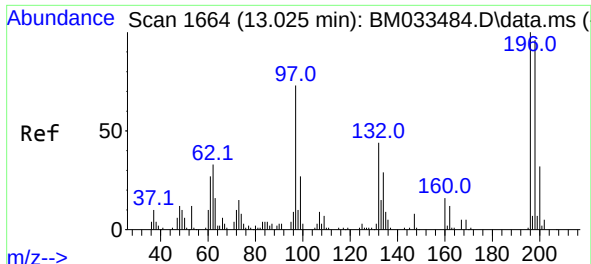


#42
2,4,6-Tribromophenol
Concen: 110.835 ng
RT: 16.071 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:330 Resp: 134849
Ion Ratio Lower Upper
330 100
332 94.1 76.5 114.7
141 52.2 35.9 53.9





#43
2,4,6-Trichlorophenol
Concen: 42.355 ng
RT: 13.019 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

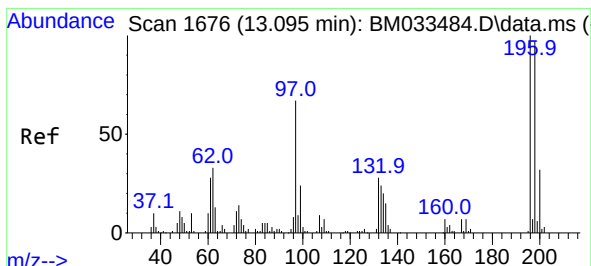
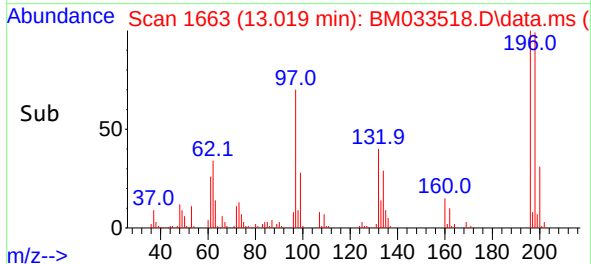
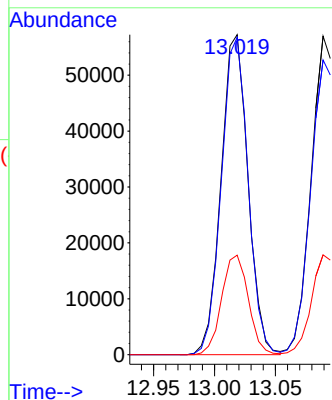
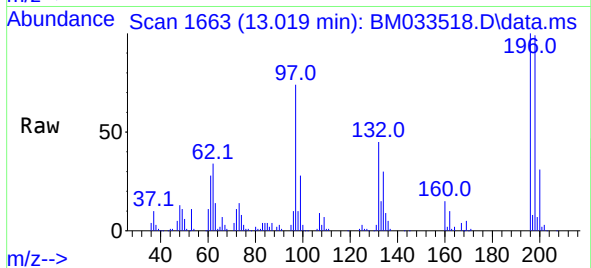
PB141511BS

Tgt Ion:196 Resp: 8824
Ion Ratio Lower Upper
196 100
198 99.2 75.1 112.7
200 31.1 24.0 36.0

Manual Integrations

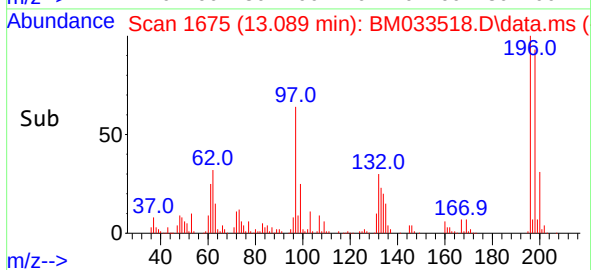
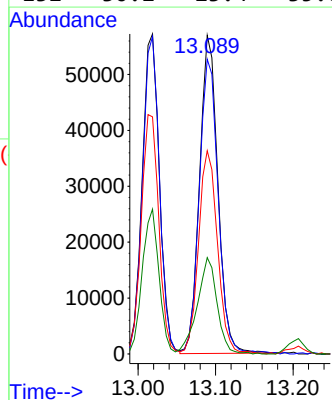
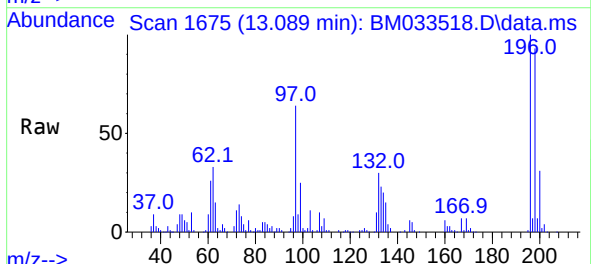
APPROVED

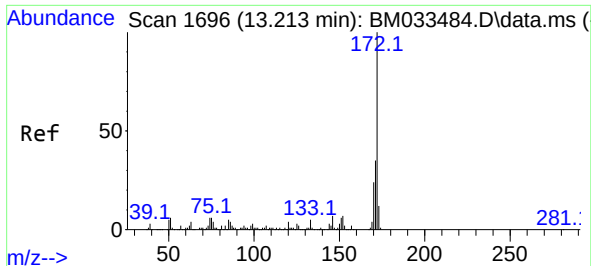
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#44
2,4,5-Trichlorophenol
Concen: 42.036 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:196 Resp: 93463
Ion Ratio Lower Upper
196 100
198 92.5 77.8 116.6
97 63.8 49.7 74.5
132 30.2 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 78.949 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

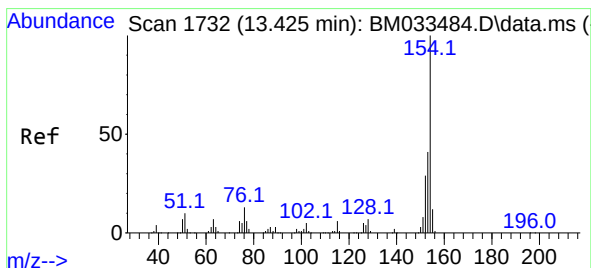
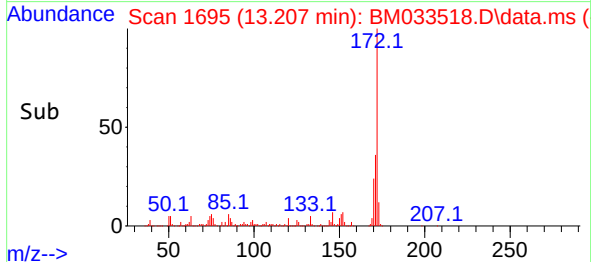
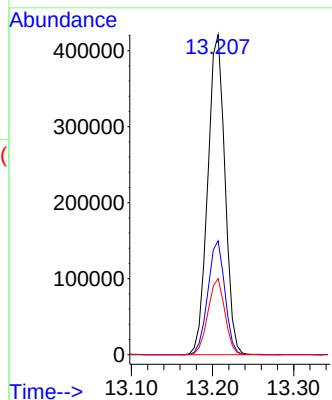
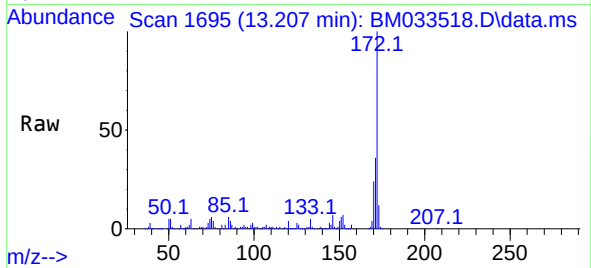
PB141511BS

Tgt Ion:172 Resp: 617284
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.8 18.7 28.1

Manual Integrations

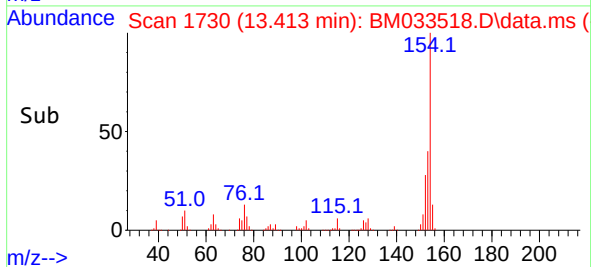
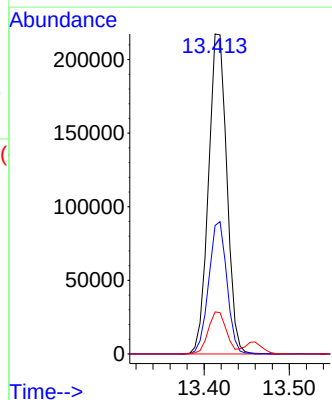
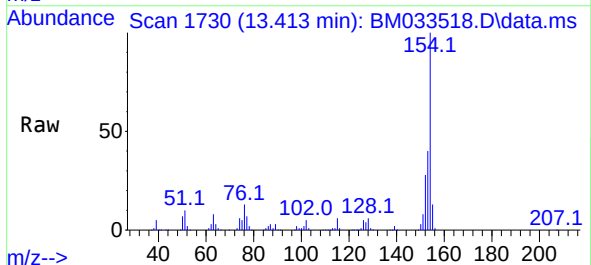
APPROVED

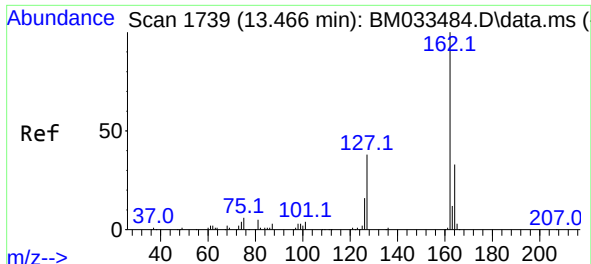
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#46
1,1'-Biphenyl
Concen: 40.683 ng
RT: 13.413 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:154 Resp: 325828
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 13.2 0.0 34.4





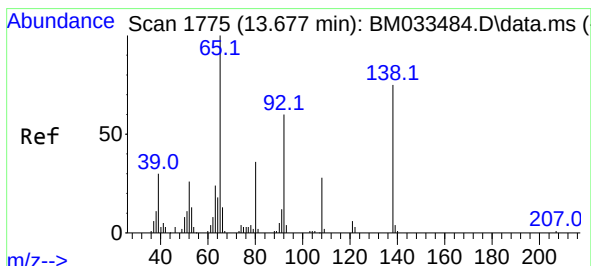
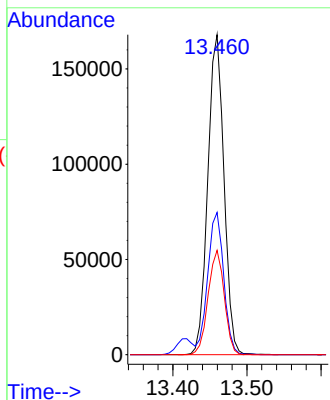
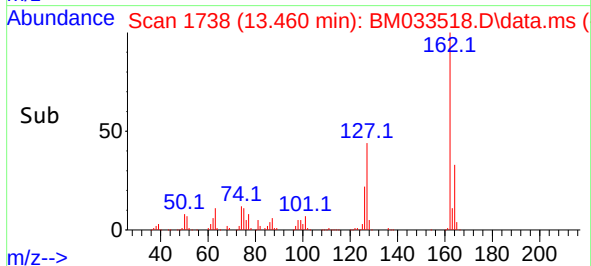
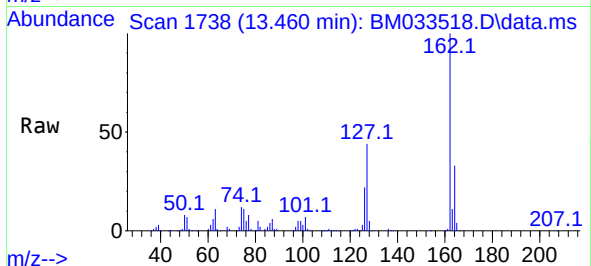
#47
2-Chloronaphthalene
Concen: 41.162 ng
RT: 13.460 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:162 Resp: 254830
Ion Ratio Lower Upper
162 100
127 44.5 33.8 50.6
164 32.6 26.2 39.4

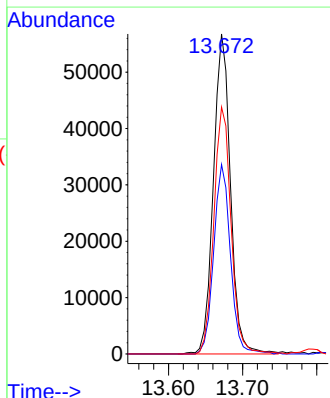
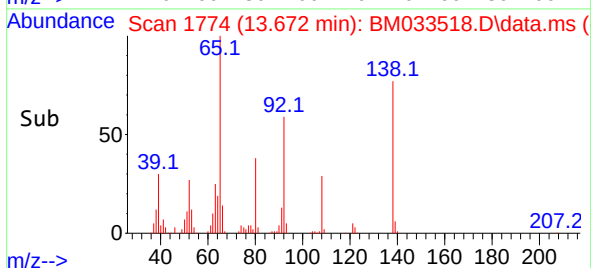
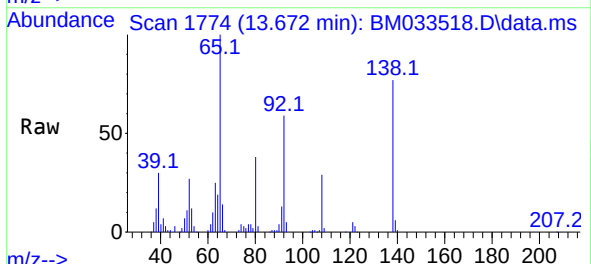
Manual Integrations
APPROVED

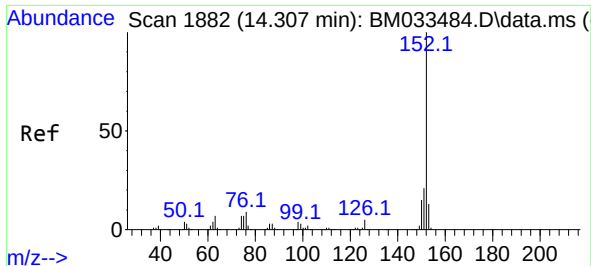
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#48
2-Nitroaniline
Concen: 43.067 ng
RT: 13.672 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion: 65 Resp: 90836
Ion Ratio Lower Upper
65 100
92 59.2 50.0 75.0
138 77.2 65.7 98.5





#49

Acenaphthylene

Concen: 41.247 ng

RT: 14.301 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

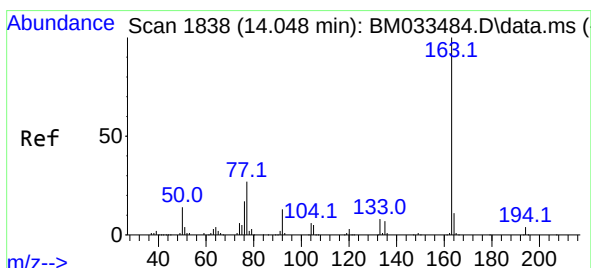
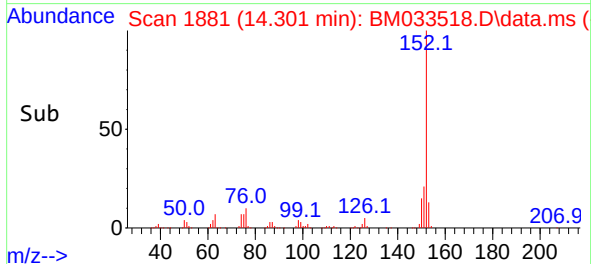
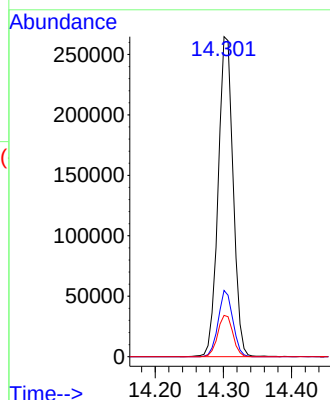
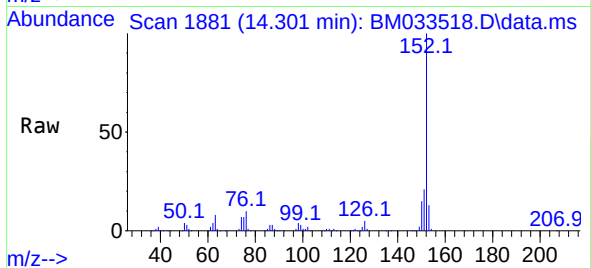
PB141511BS

Tgt Ion:	152	Resp:	40456
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.4	23.2
153	12.9	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#50

Dimethylphthalate

Concen: 38.349 ng

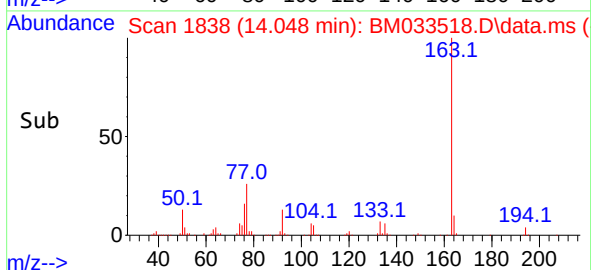
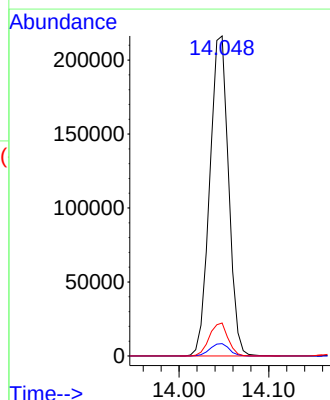
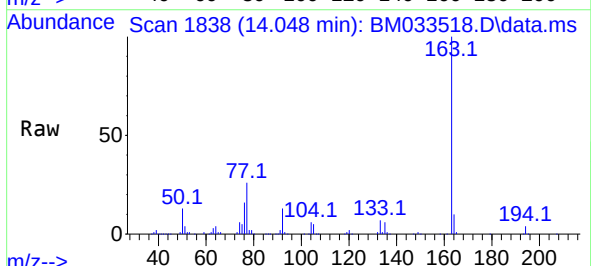
RT: 14.048 min Scan# 1838

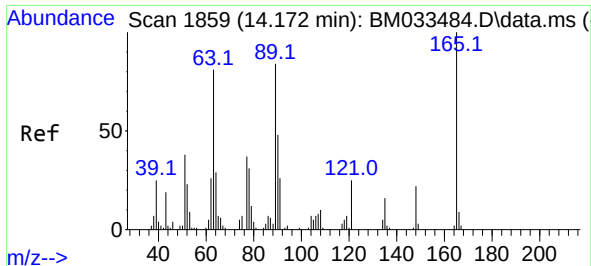
Delta R.T. -0.000 min

Lab File: BM033518.D

Acq: 18 Dec 2021 14:27

Tgt Ion:	163	Resp:	314176
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	10.3	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 42.457 ng
RT: 14.166 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

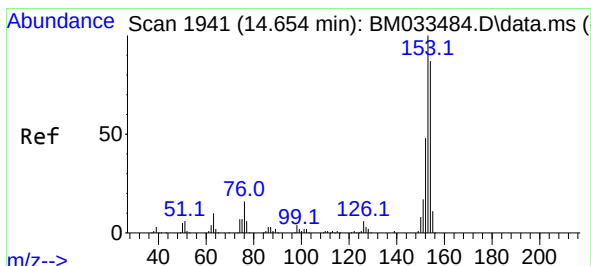
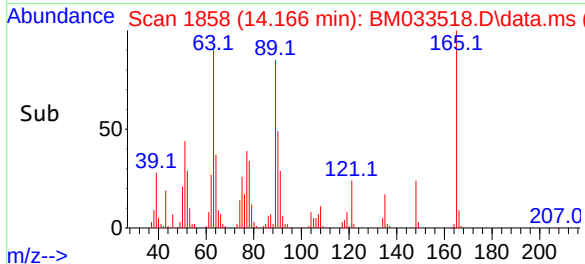
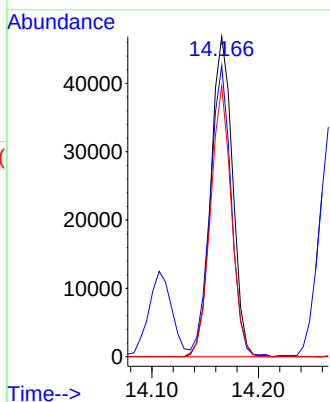
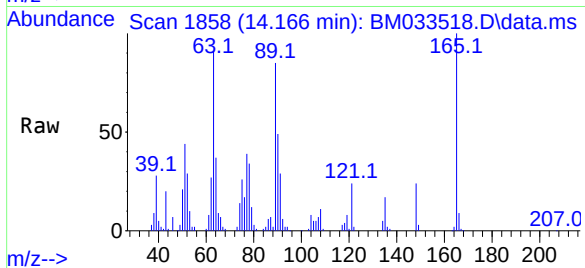
PB141511BS

Tgt Ion:165 Resp: 6573
Ion Ratio Lower Upper
165 100
63 90.9 56.9 85.3
89 84.6 54.3 81.5

Manual Integrations

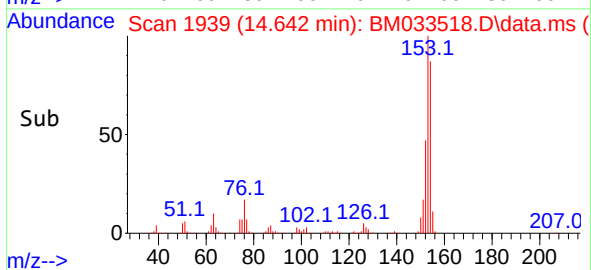
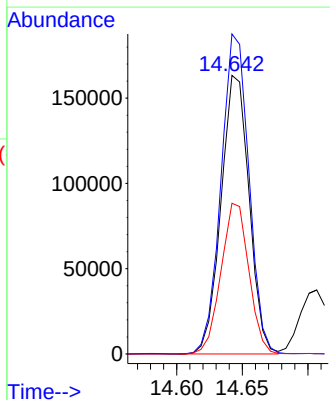
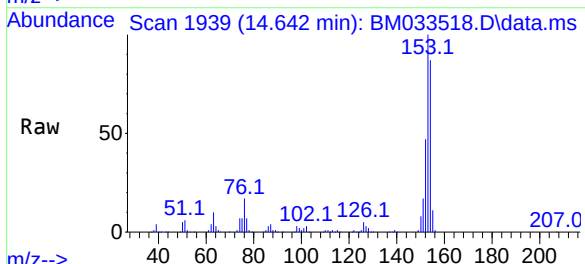
APPROVED

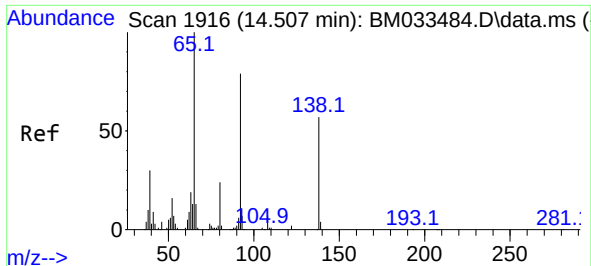
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#52
Acenaphthene
Concen: 40.807 ng
RT: 14.642 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:154 Resp: 243087
Ion Ratio Lower Upper
154 100
153 114.9 90.2 135.4
152 54.1 43.5 65.3





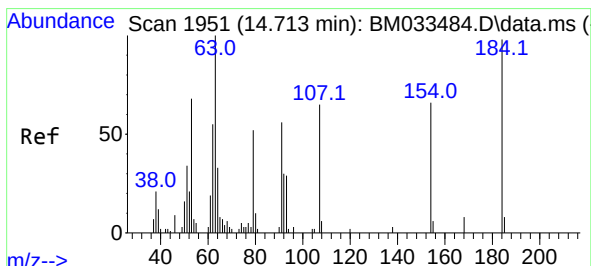
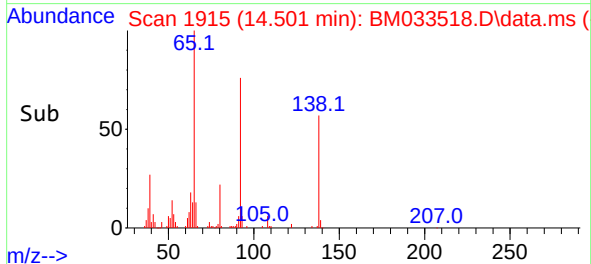
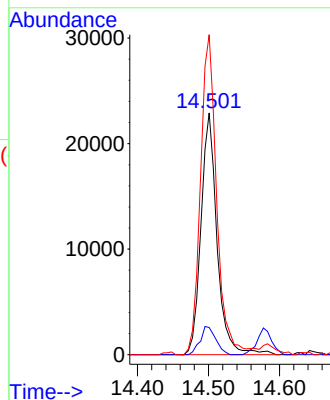
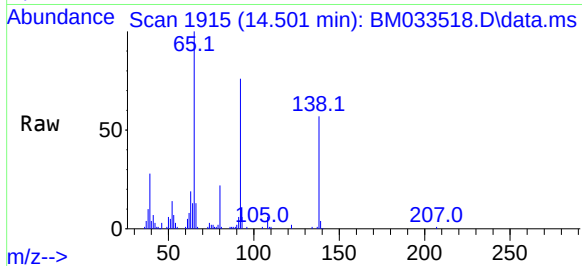
#53
3-Nitroaniline
Concen: 24.830 ng
RT: 14.501 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:138 Resp: 3605
Ion Ratio Lower Upper
138 100
108 11.2 9.5 14.3
92 132.4 106.6 159.8

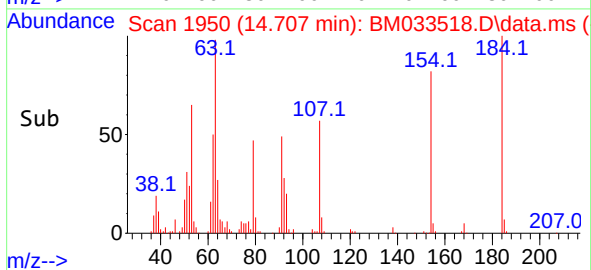
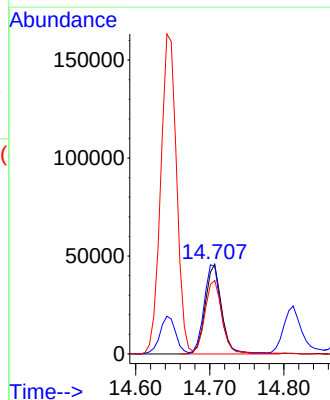
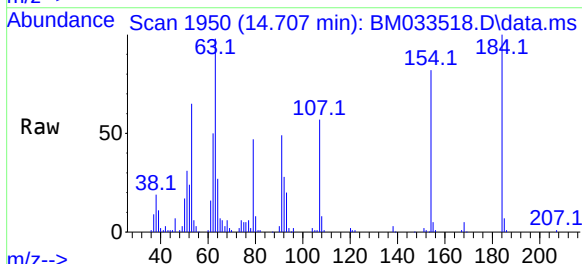
Manual Integrations
APPROVED

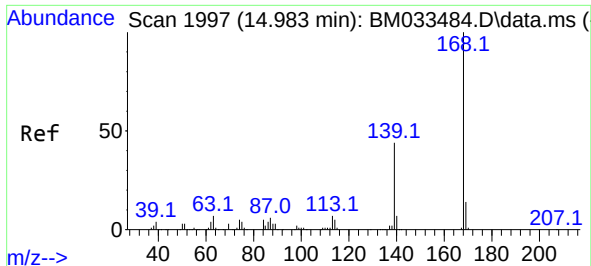
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#54
2,4-Dinitrophenol
Concen: 85.858 ng
RT: 14.707 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:184 Resp: 70496
Ion Ratio Lower Upper
184 100
63 97.9 71.8 107.6
154 81.9 55.7 83.5





#55
Dibenzenofuran
Concen: 38.424 ng
RT: 14.977 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

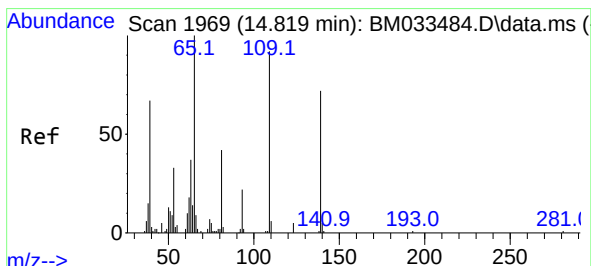
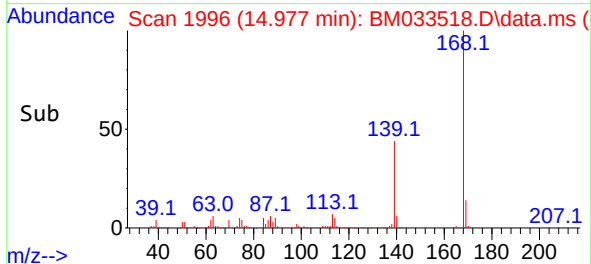
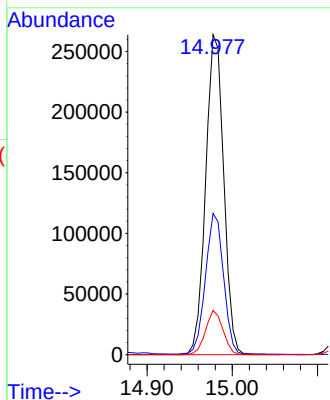
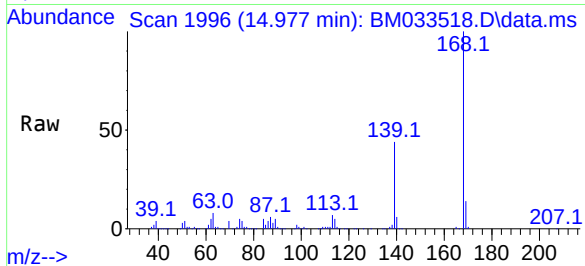
ClientSampleId :

PB141511BS

Tgt Ion:168 Resp: 38789
Ion Ratio Lower Upper
168 100
139 44.1 31.4 47.2
169 13.9 10.6 15.8

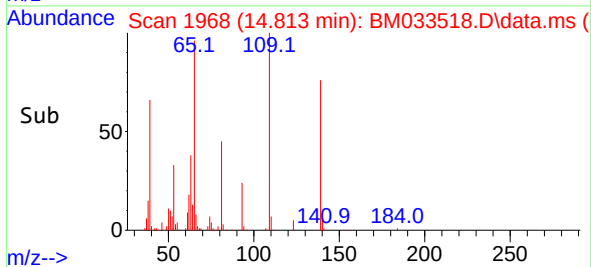
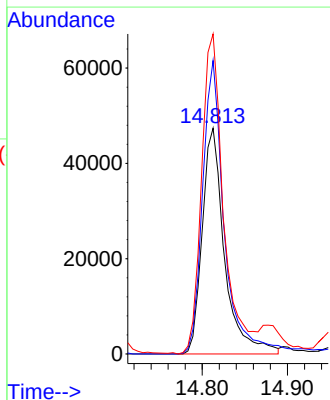
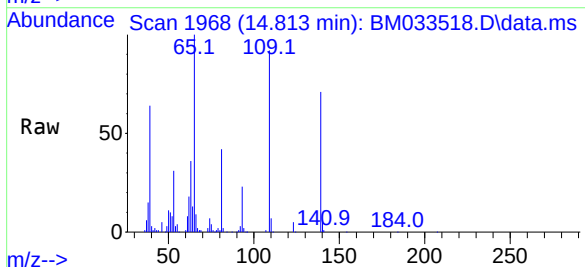
Manual Integrations
APPROVED

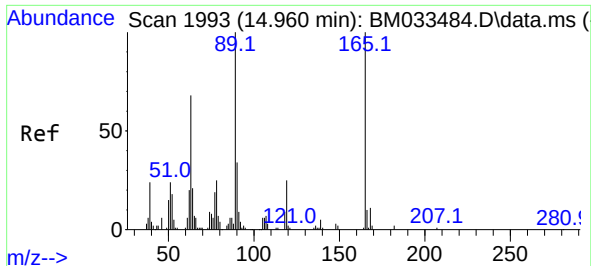
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#56
4-Nitrophenol
Concen: 74.775 ng
RT: 14.813 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

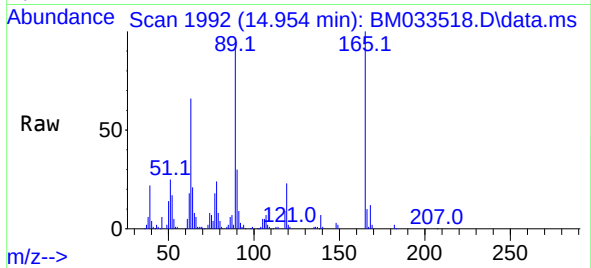
Tgt Ion:139 Resp: 86310
Ion Ratio Lower Upper
139 100
109 129.9 75.3 115.3#
65 141.7 107.4 147.4





#57
2,4-Dinitrotoluene
Concen: 41.843 ng
RT: 14.954 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

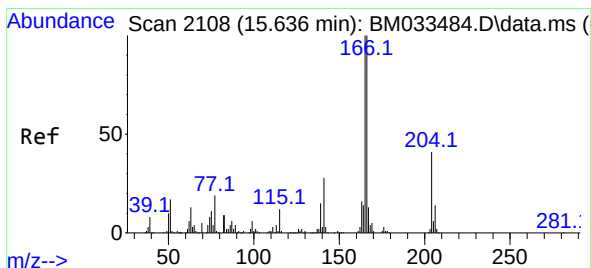
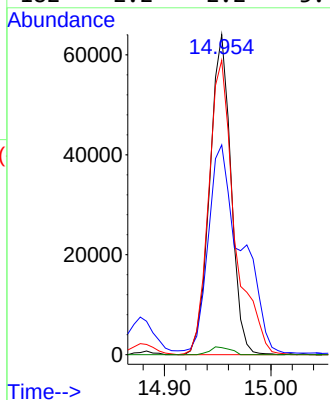
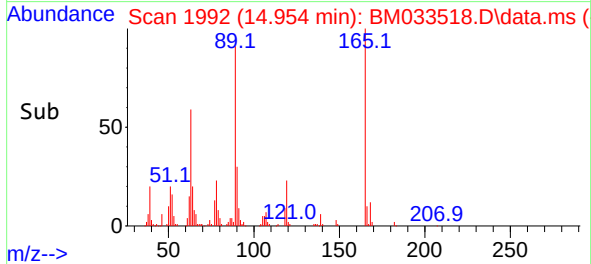
Instrument :
BNA_M
ClientSampleId :
PB141511BS



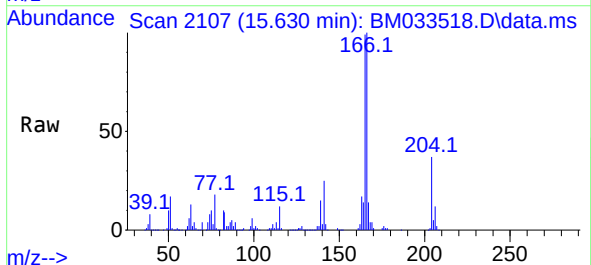
Tgt Ion:165 Resp: 88600
Ion Ratio Lower Upper
165 100
63 65.5 46.2 69.4
89 92.0 72.0 108.0
182 2.2 2.2 3.4#

Manual Integrations
APPROVED

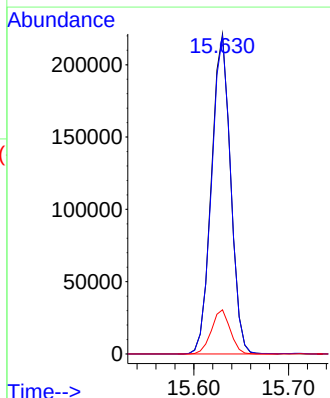
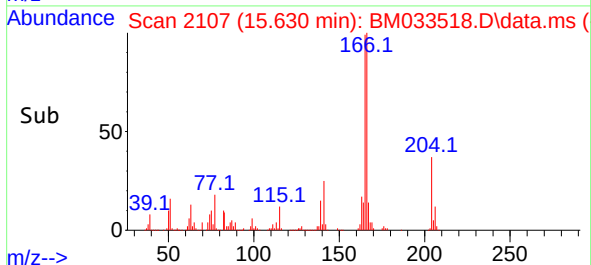
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

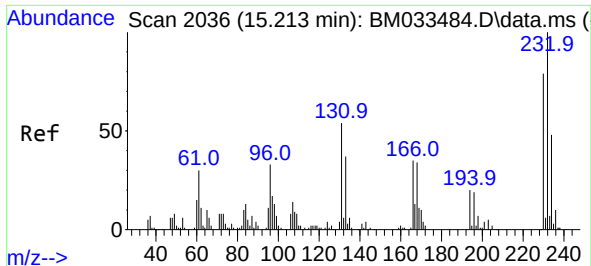


#58
Fluorene
Concen: 38.291 ng
RT: 15.630 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



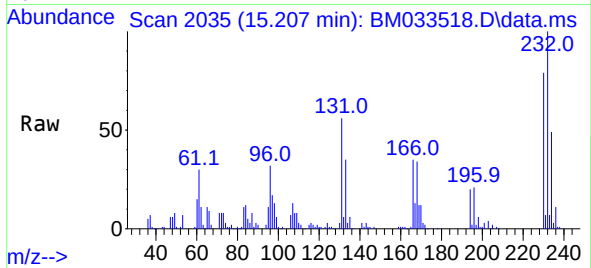
Tgt Ion:166 Resp: 310224
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.202 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

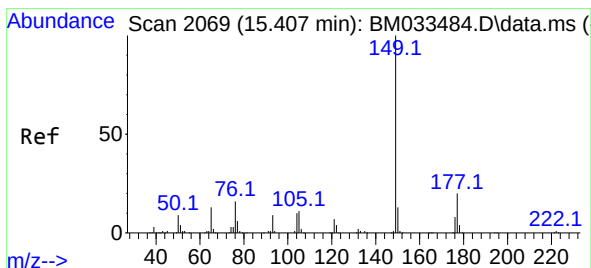
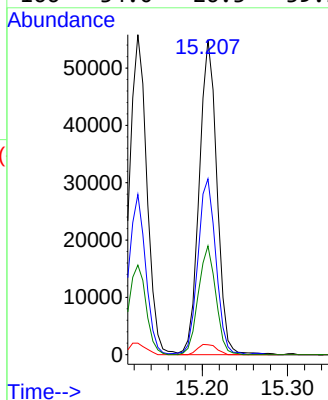
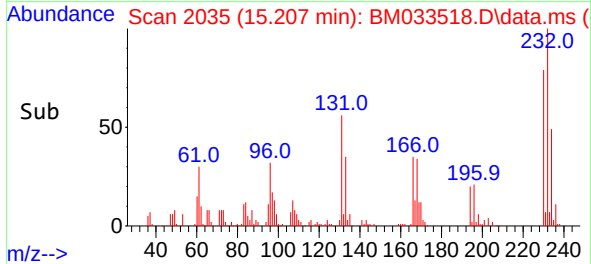
Instrument :
BNA_M
ClientSampleId :
PB141511BS



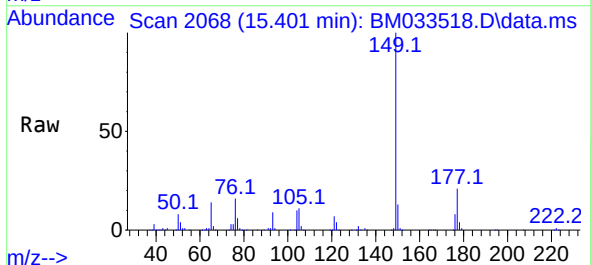
Tgt Ion:232 Resp: 7930
Ion Ratio Lower Upper
232 100
131 56.7 41.4 62.0
130 3.5 2.4 3.6
166 34.0 26.3 39.5

Manual Integrations
APPROVED

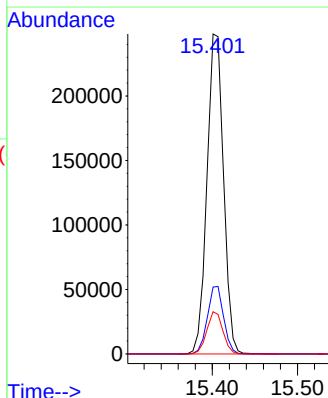
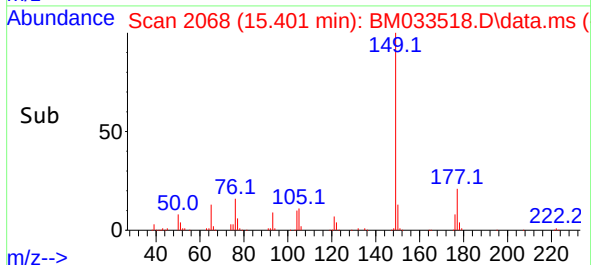
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

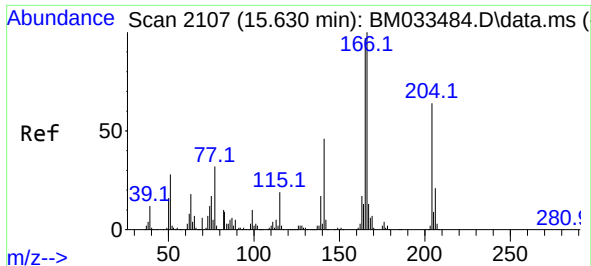


#60
Diethylphthalate
Concen: 37.992 ng
RT: 15.401 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



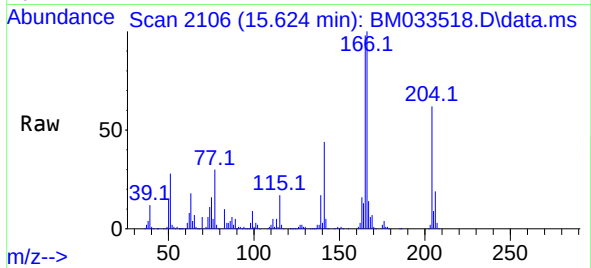
Tgt Ion:149 Resp: 334699
Ion Ratio Lower Upper
149 100
177 20.9 17.5 26.3
150 13.2 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.510 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

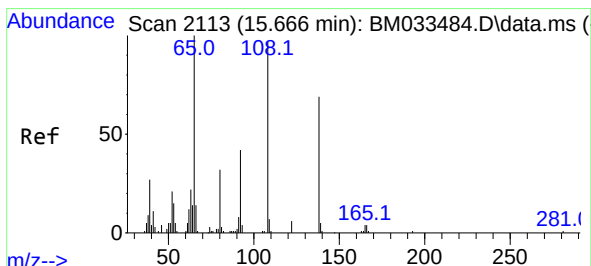
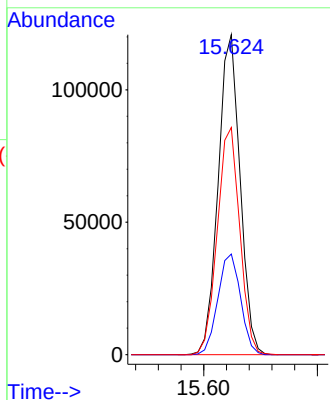
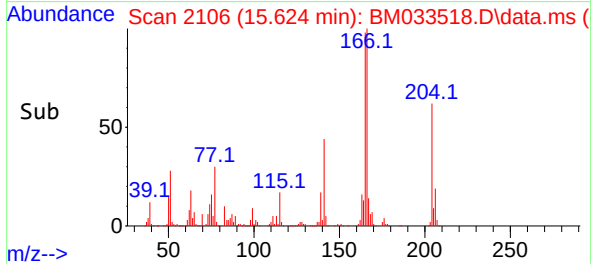
Instrument :
BNA_M
ClientSampleId :
PB141511BS



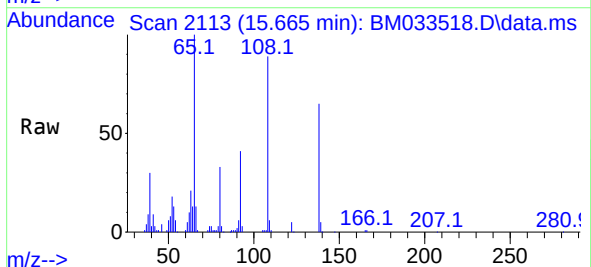
Tgt Ion:204 Resp: 161979
Ion Ratio Lower Upper
204 100
206 31.5 25.4 38.2
141 71.0 50.6 76.0

Manual Integrations
APPROVED

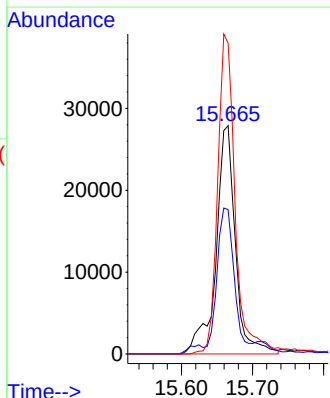
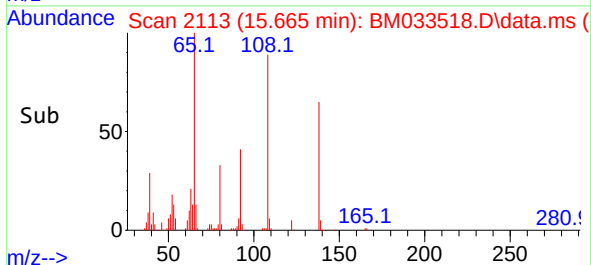
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

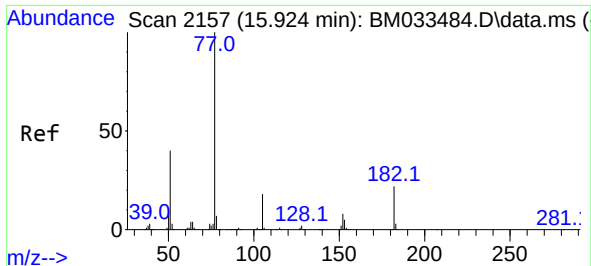


#62
4-Nitroaniline
Concen: 35.692 ng
RT: 15.665 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



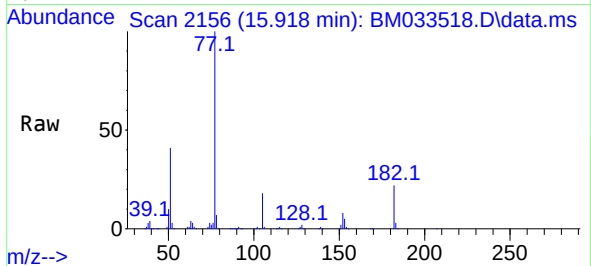
Tgt Ion:138 Resp: 52922
Ion Ratio Lower Upper
138 100
92 63.2 38.7 78.7
108 136.1 81.9 121.9#





#63
Azobenzene
Concen: 37.812 ng
RT: 15.918 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

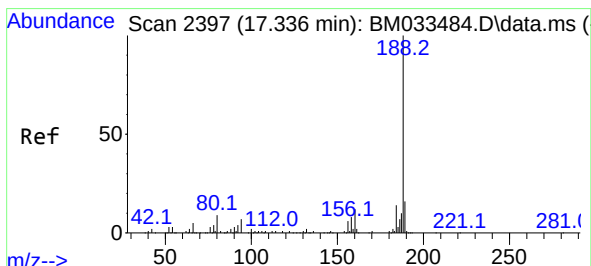
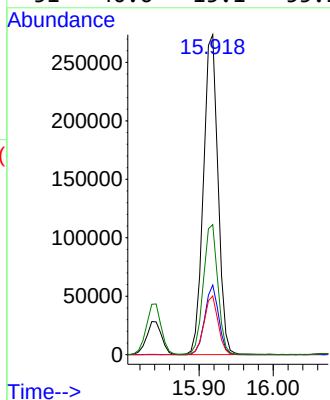
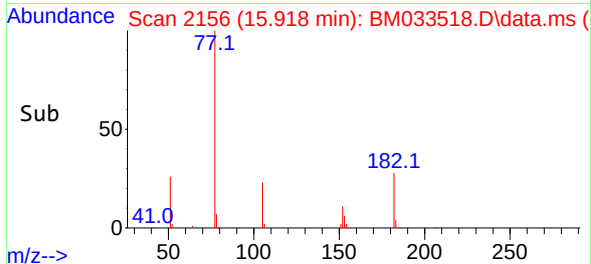
Instrument :
BNA_M
ClientSampleId :
PB141511BS



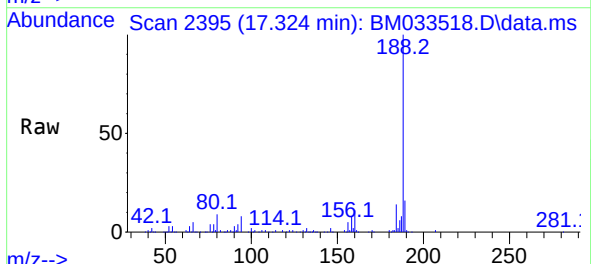
Tgt Ion: 77 Resp: 373710
Ion Ratio Lower Upper
77 100
182 21.7 0.3 40.3
105 18.3 0.0 38.3
51 40.6 15.1 55.1

Manual Integrations
APPROVED

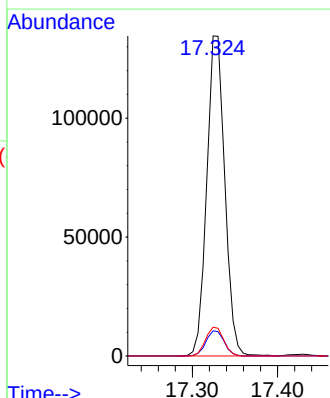
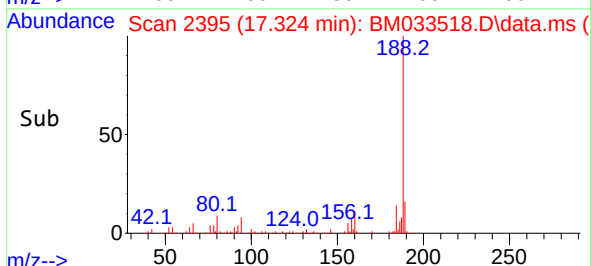
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

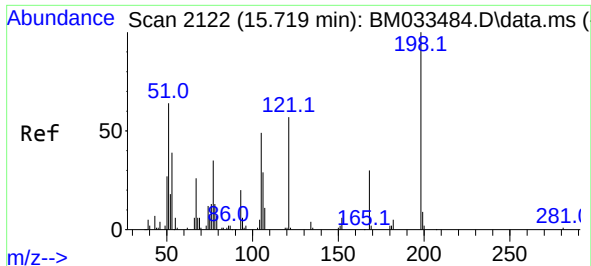


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:188 Resp: 197805
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 9.0 8.9 13.3





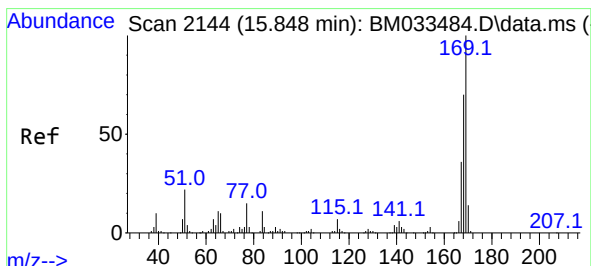
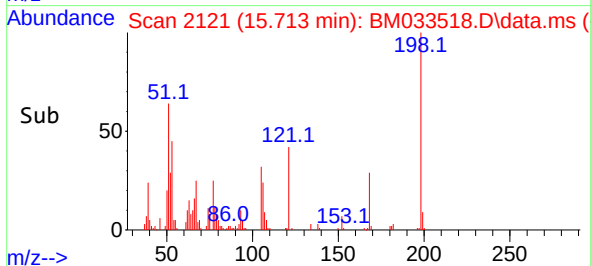
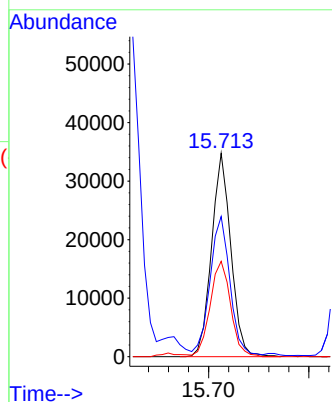
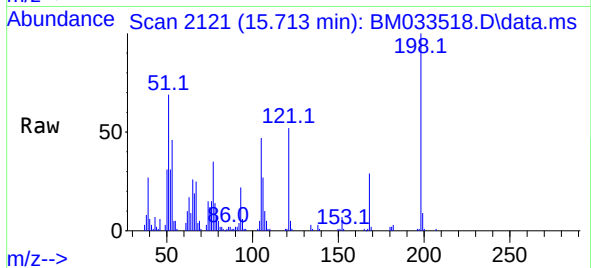
#65
4,6-Dinitro-2-methylphenol
Concen: 46.297 ng
RT: 15.713 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:198 Resp: 46572
Ion Ratio Lower Upper
198 100
51 68.9 47.9 87.9
105 46.9 32.6 72.6

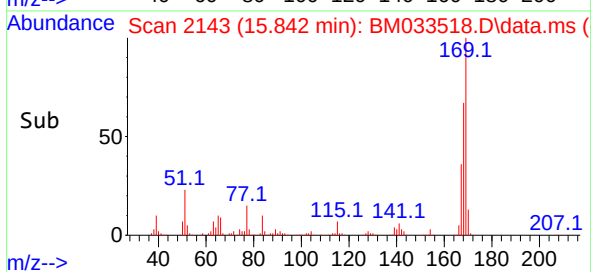
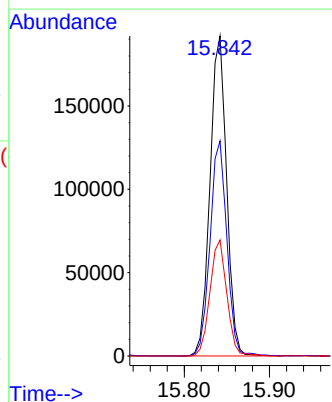
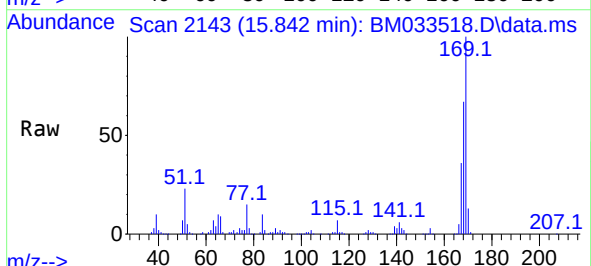
Manual Integrations
APPROVED

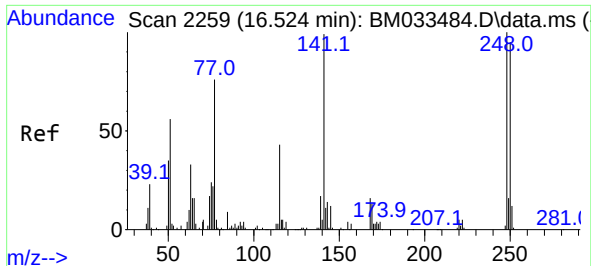
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#66
n-Nitrosodiphenylamine
Concen: 44.264 ng
RT: 15.842 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:169 Resp: 259931
Ion Ratio Lower Upper
169 100
168 67.2 52.5 78.7
167 36.3 28.4 42.6





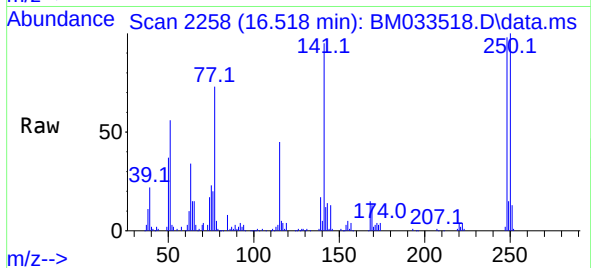
#67
4-Bromophenyl-phenylether
Concen: 42.692 ng
RT: 16.518 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

PB141511BS

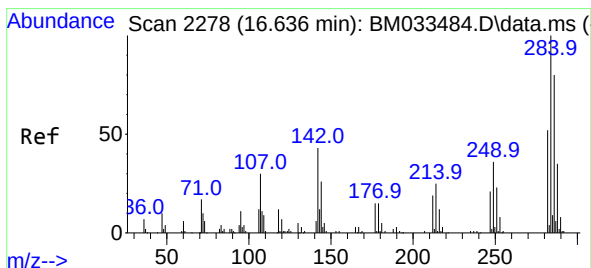
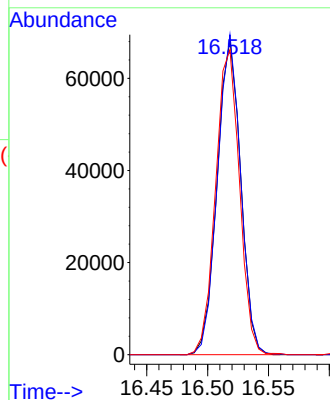
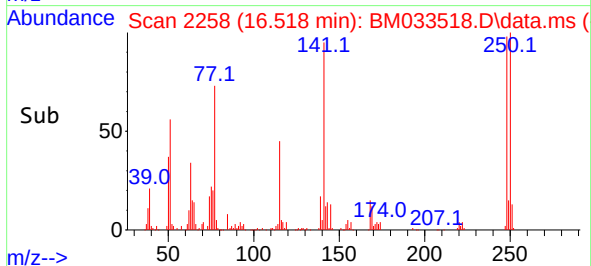


Tgt Ion:248 Resp: 92140
Ion Ratio Lower Upper
248 100
250 101.6 78.2 117.2
141 96.8 65.4 98.2

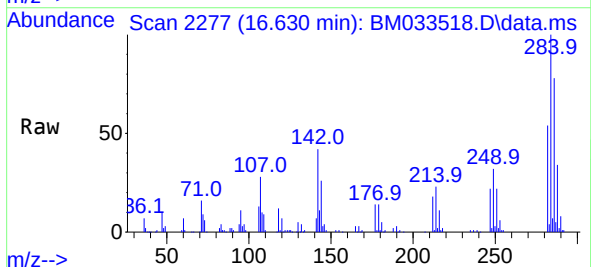
Manual Integrations

APPROVED

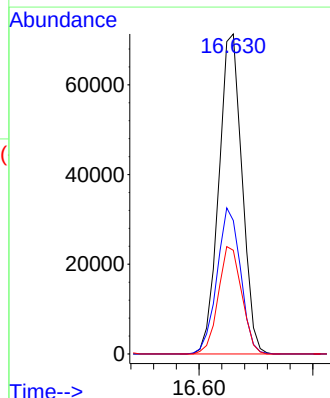
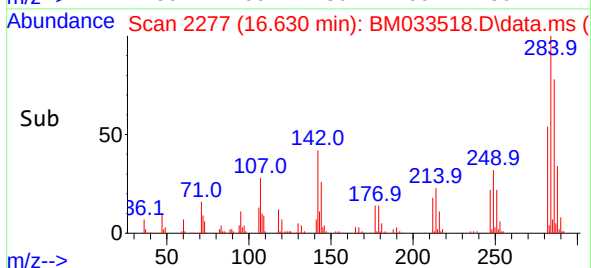
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

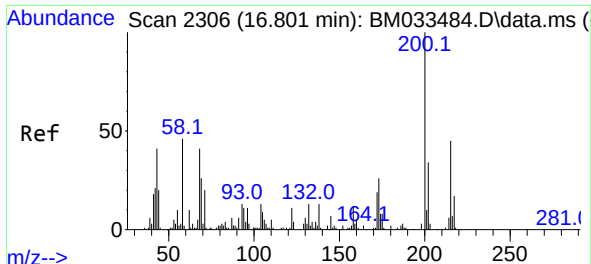


#68
Hexachlorobenzene
Concen: 43.737 ng
RT: 16.630 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



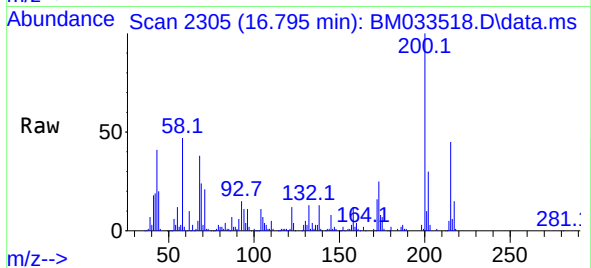
Tgt Ion:284 Resp: 101358
Ion Ratio Lower Upper
284 100
142 41.7 33.1 49.7
249 32.4 27.3 40.9





#69
Atrazine
Concen: 73.694 ng
RT: 16.795 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

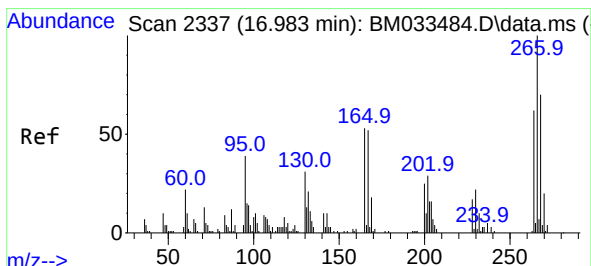
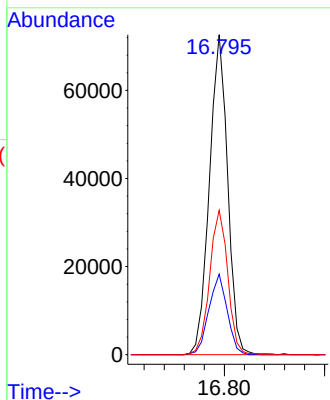
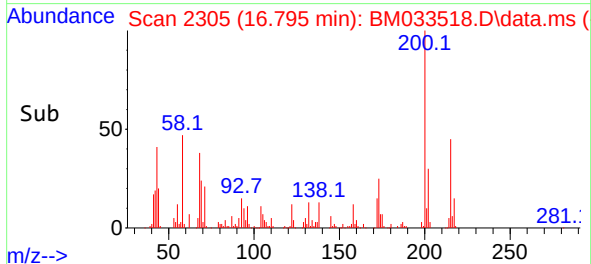
Instrument :
BNA_M
ClientSampleId :
PB141511BS



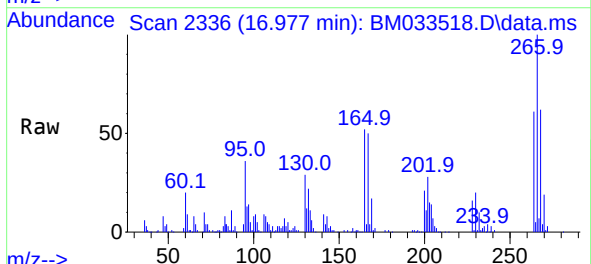
Tgt Ion:200 Resp: 91750
Ion Ratio Lower Upper
200 100
173 25.1 7.3 47.3
215 45.1 25.7 65.7

Manual Integrations
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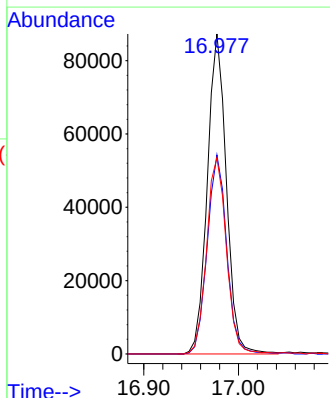
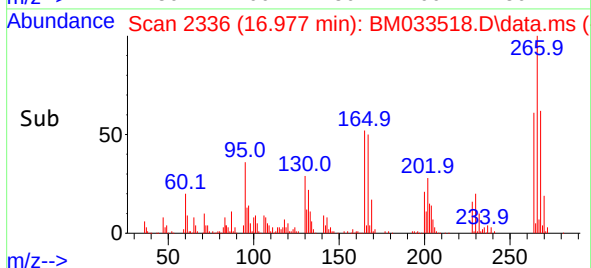
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

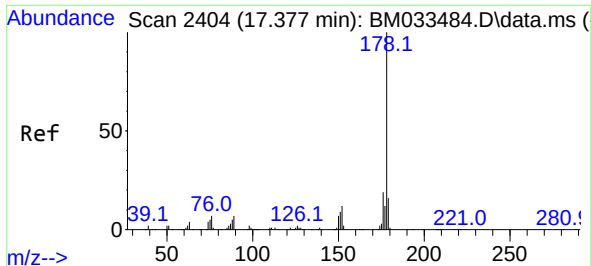


#70
Pentachlorophenol
Concen: 93.619 ng
RT: 16.977 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



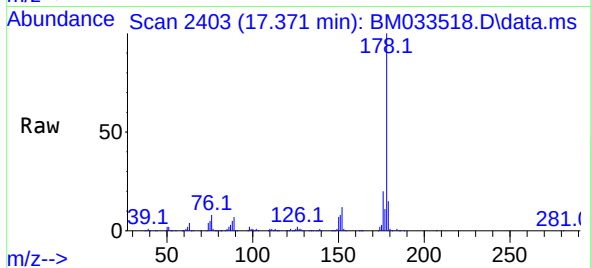
Tgt Ion:266 Resp: 121788
Ion Ratio Lower Upper
266 100
268 62.2 50.1 75.1
264 61.3 49.1 73.7





#71
Phenanthrene
Concen: 41.258 ng
RT: 17.371 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

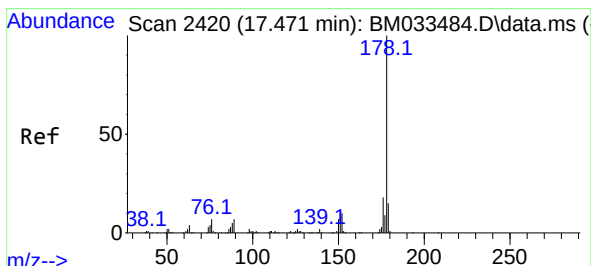
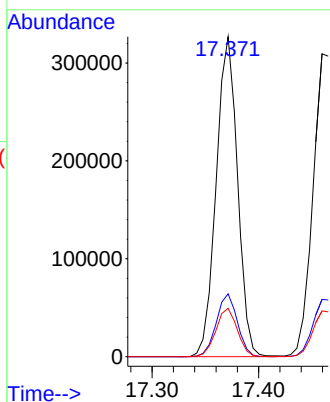
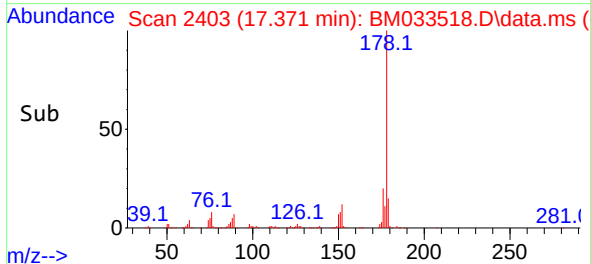
Instrument :
BNA_M
ClientSampleId :
PB141511BS



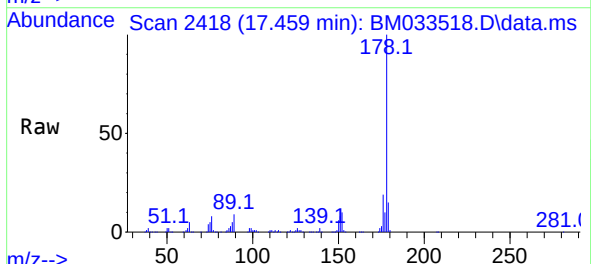
Tgt Ion:178 Resp: 454219
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.1 12.0 18.0

Manual Integrations
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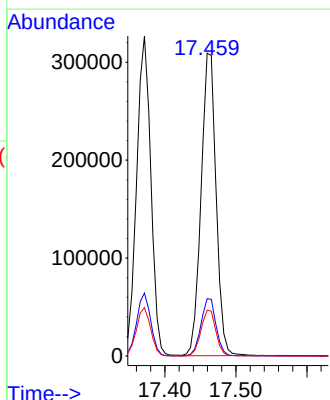
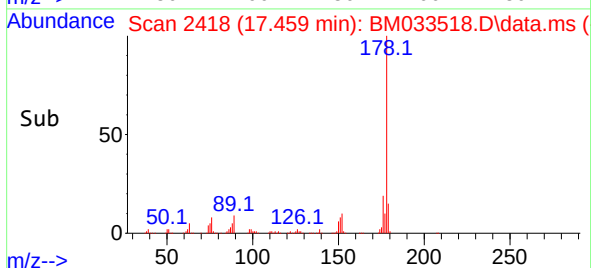
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

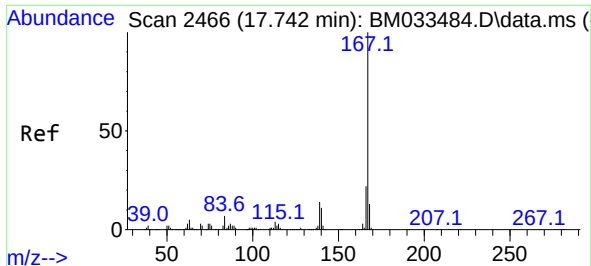


#72
Anthracene
Concen: 42.338 ng
RT: 17.459 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



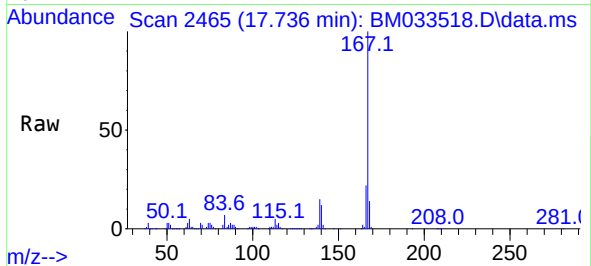
Tgt Ion:178 Resp: 455679
Ion Ratio Lower Upper
178 100
176 18.9 14.5 21.7
179 15.1 11.9 17.9





#73
Carbazole
Concen: 38.549 ng
RT: 17.736 min Scan# 2466
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

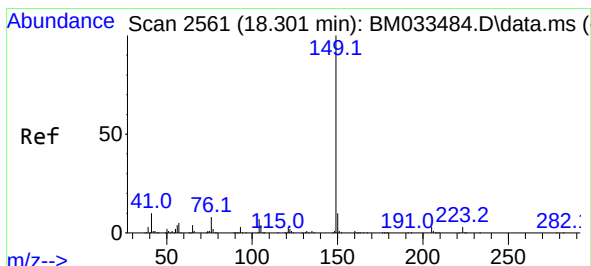
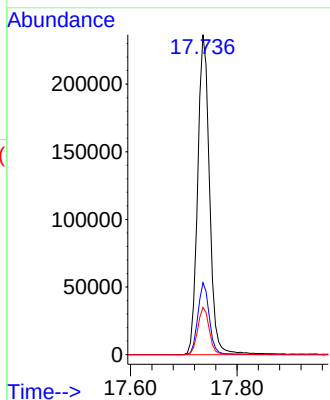
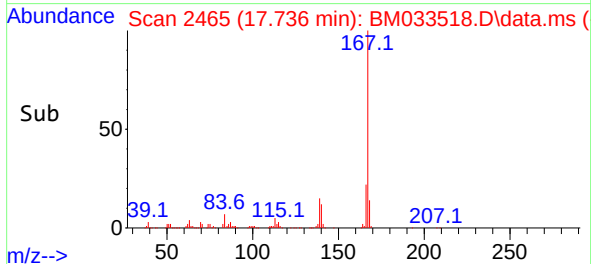
Instrument :
BNA_M
ClientSampleId :
PB141511BS



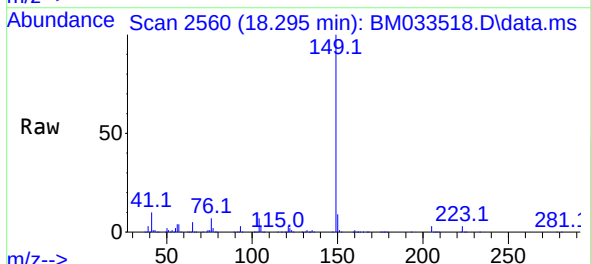
Tgt Ion:167 Resp: 366309
Ion Ratio Lower Upper
167 100
166 22.5 17.2 25.8
139 14.8 11.0 16.4

Manual Integrations
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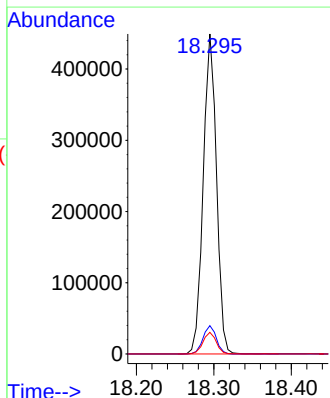
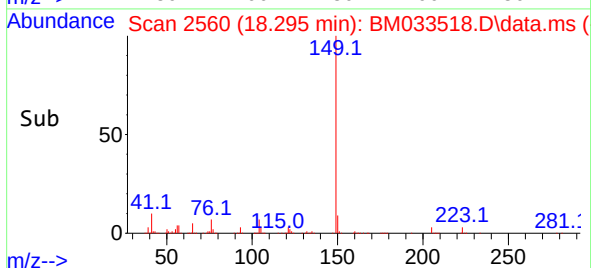
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

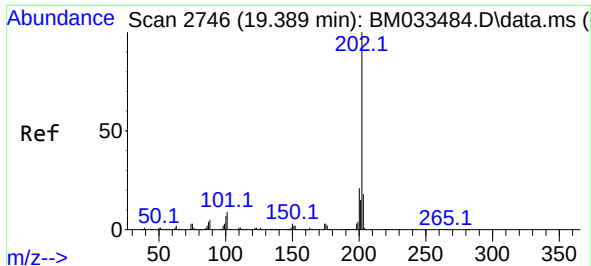


#74
Di-n-butylphthalate
Concen: 40.280 ng
RT: 18.295 min Scan# 2560
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



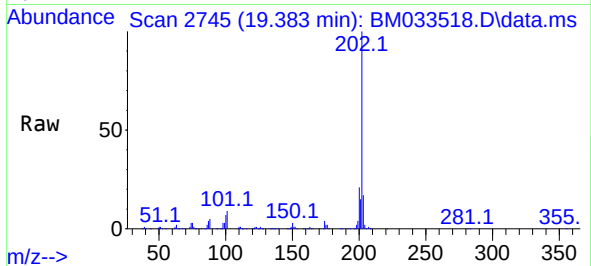
Tgt Ion:149 Resp: 532097
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 6.7 4.6 6.8





#75
Fluoranthene
Concen: 36.660 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

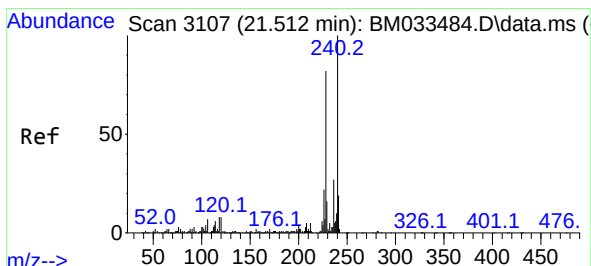
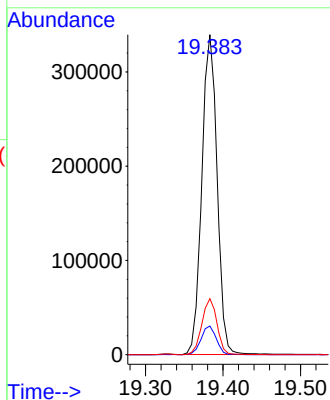
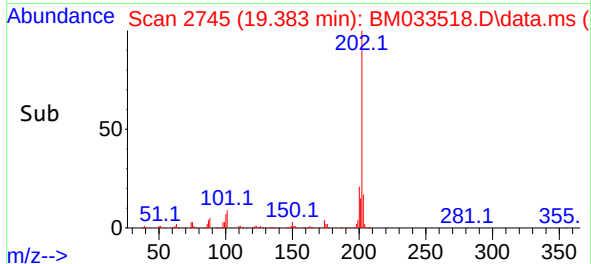
Instrument :
BNA_M
ClientSampleId :
PB141511BS



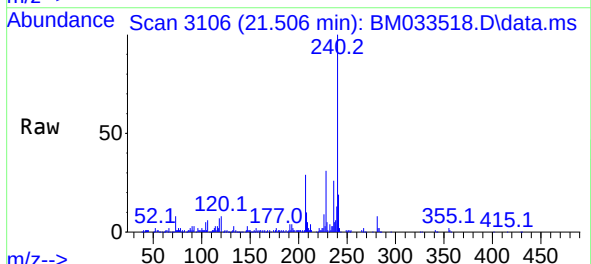
Tgt Ion:202 Resp: 464268
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.8
203 17.5 0.0 37.2

Manual Integrations
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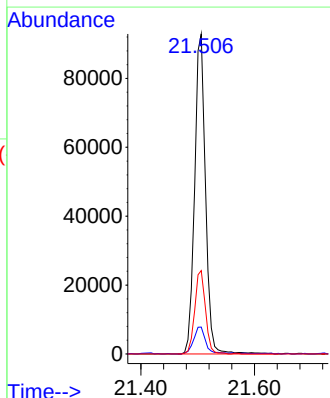
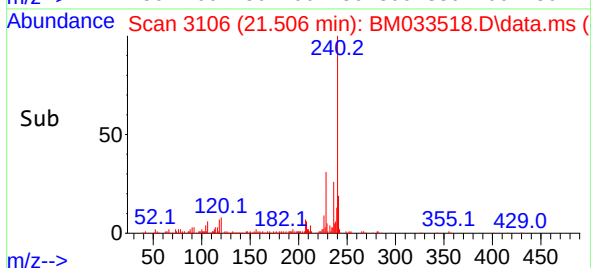
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021

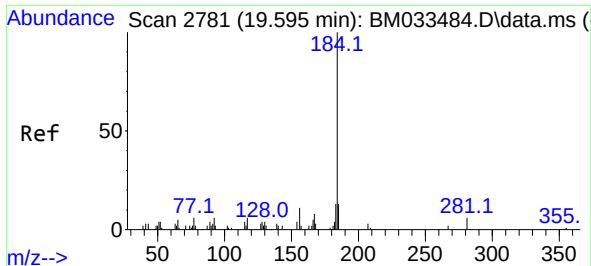


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:240 Resp: 124230
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 26.0 20.3 30.5





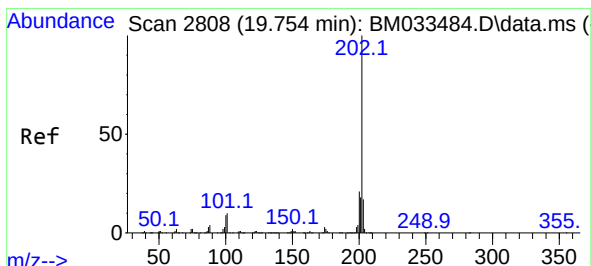
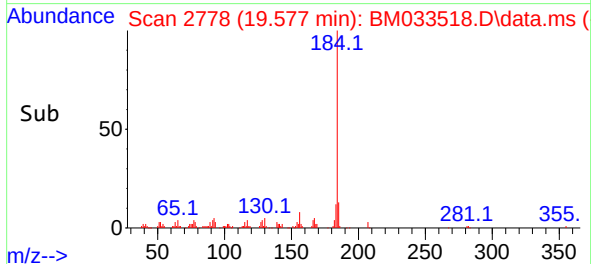
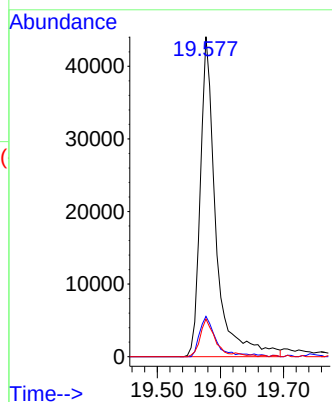
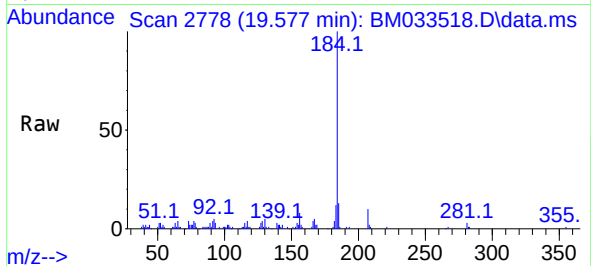
#77
Benzidine
Concen: 130.771 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:184 Resp: 75960
Ion Ratio Lower Upper
184 100
185 12.6 11.4 17.0
183 11.8 9.7 14.5

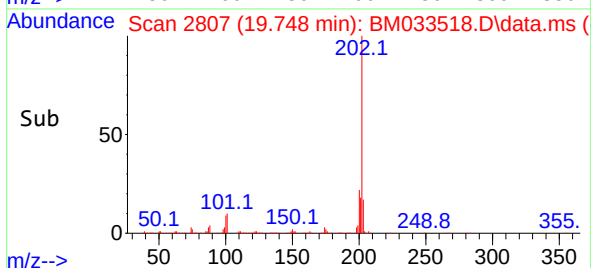
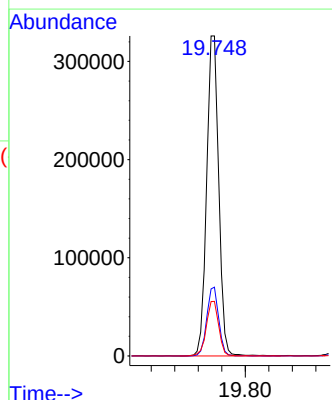
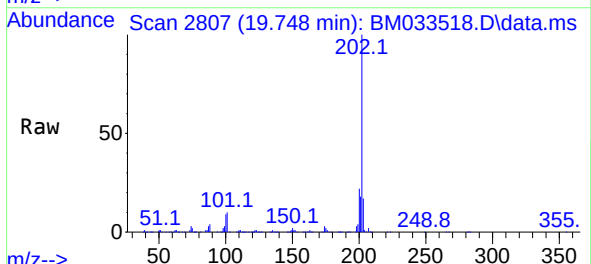
Manual Integrations
APPROVED

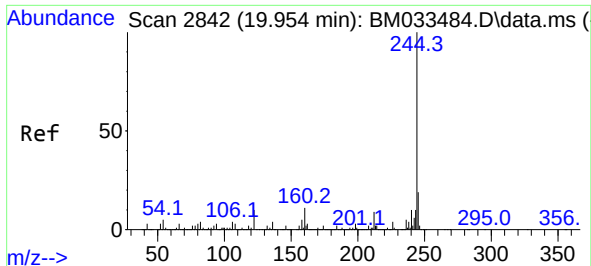
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#78
Pyrene
Concen: 47.407 ng
RT: 19.748 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:202 Resp: 464680
Ion Ratio Lower Upper
202 100
200 21.5 16.4 24.6
203 17.1 13.5 20.3





#79
 Terphenyl-d14
 Concen: 89.114 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033518.D
 Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

ClientSampleId :

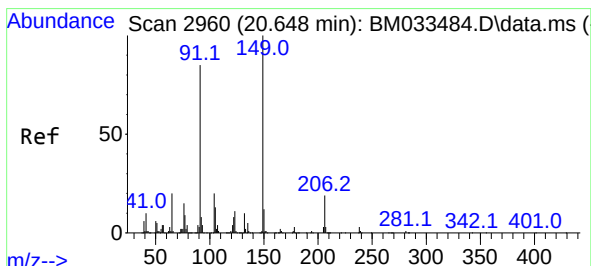
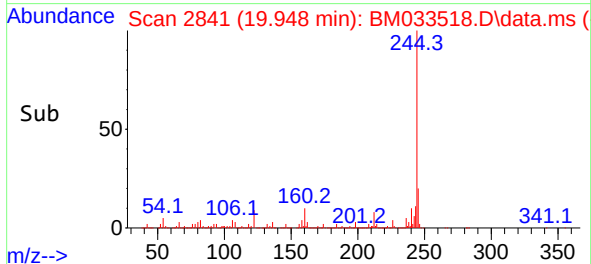
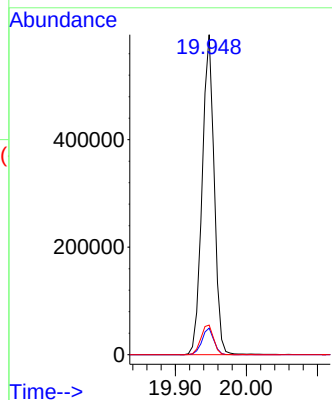
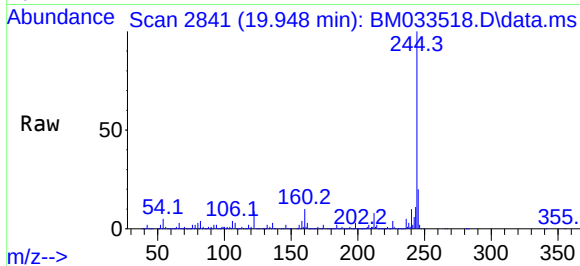
PB141511BS

Tgt Ion:244 Resp: 70319
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 9.3 8.4 12.6

Manual Integrations

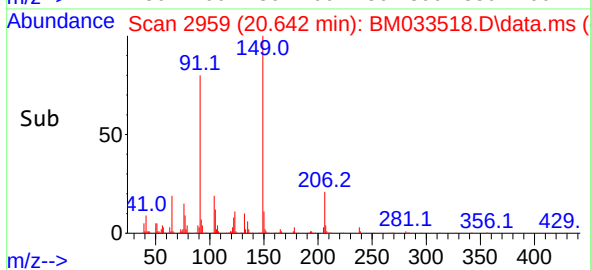
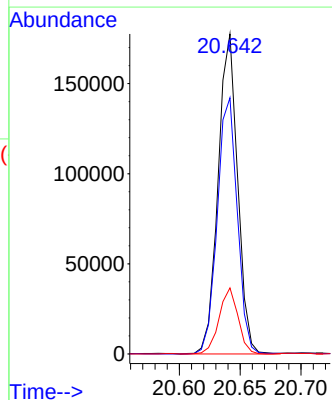
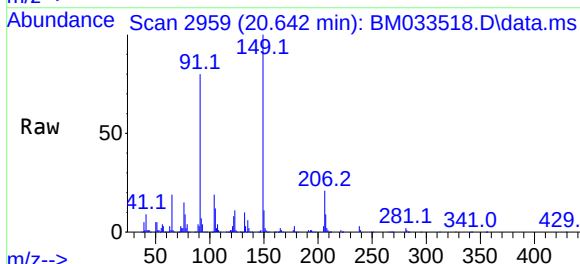
APPROVED

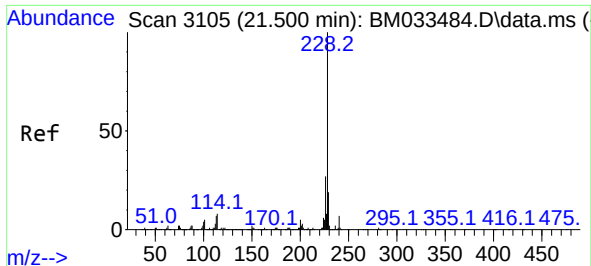
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/23/2021



#80
 Butylbenzylphthalate
 Concen: 45.222 ng
 RT: 20.642 min Scan# 2959
 Delta R.T. -0.006 min
 Lab File: BM033518.D
 Acq: 18 Dec 2021 14:27

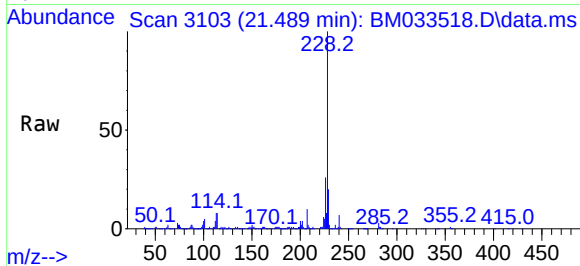
Tgt Ion:149 Resp: 198380
 Ion Ratio Lower Upper
 149 100
 91 80.0 63.4 95.0
 206 20.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 41.196 ng
RT: 21.489 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

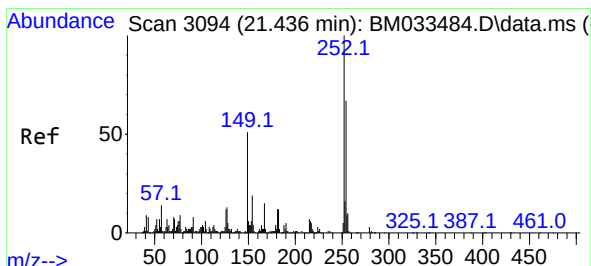
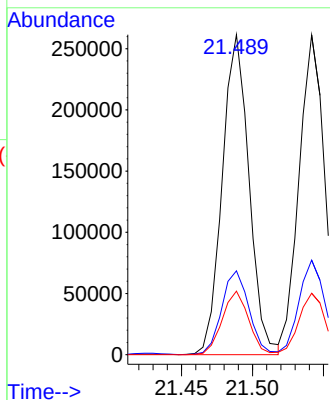
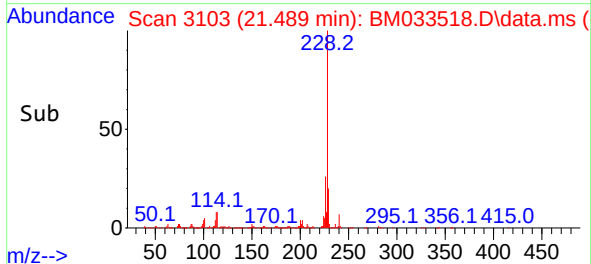
Instrument :
BNA_M
ClientSampleId :
PB141511BS



Tgt Ion:228 Resp: 343000
Ion Ratio Lower Upper
228 100
226 26.2 21.0 31.6
229 19.8 15.5 23.3

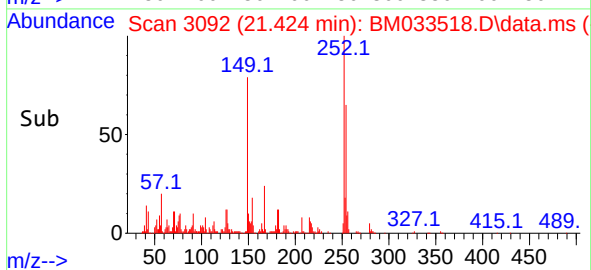
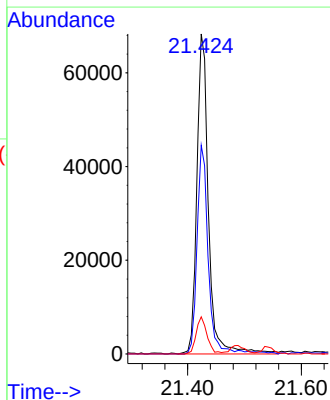
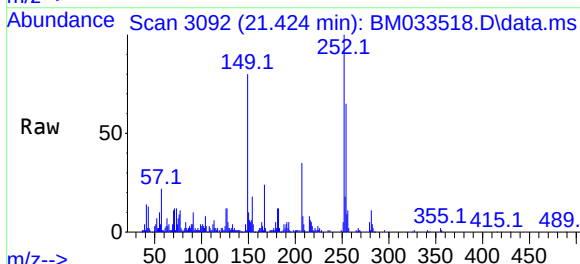
Manual Integrations
APPROVED

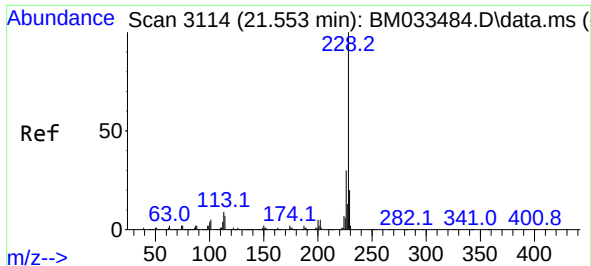
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#82
3,3'-Dichlorobenzidine
Concen: 29.751 ng
RT: 21.424 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

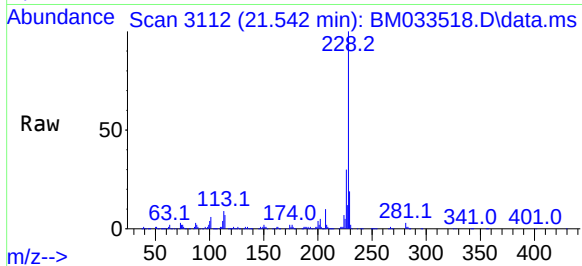
Tgt Ion:252 Resp: 97125
Ion Ratio Lower Upper
252 100
254 65.2 50.9 76.3
126 11.6 8.8 13.2





#83
Chrysene
Concen: 41.506 ng
RT: 21.542 min Scan# 3114
Delta R.T. -0.011 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

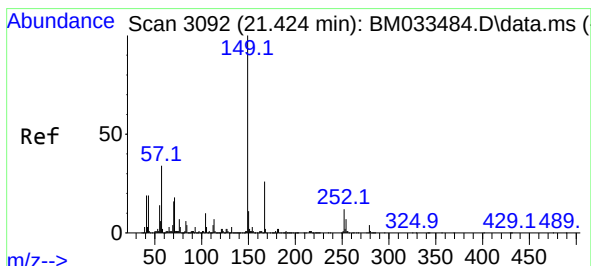
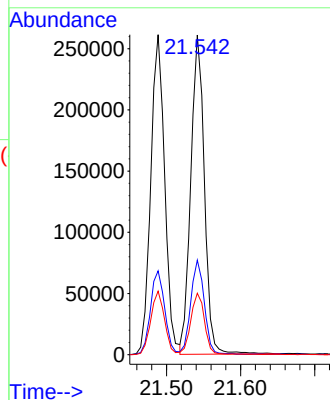
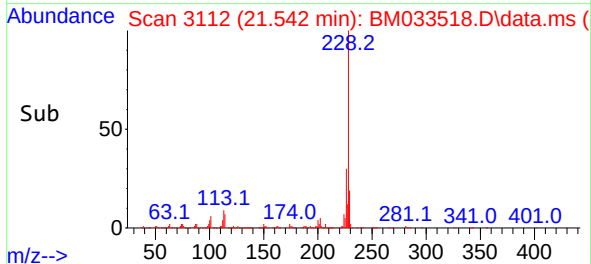
Instrument :
BNA_M
ClientSampleId :
PB141511BS



Tgt Ion:228 Resp: 33275
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.2 15.8 23.8

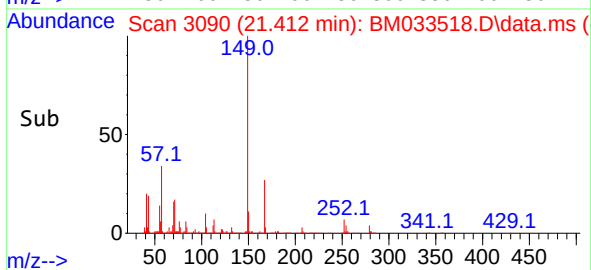
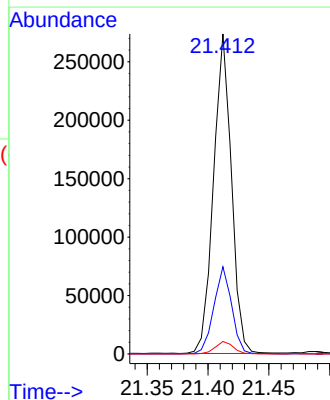
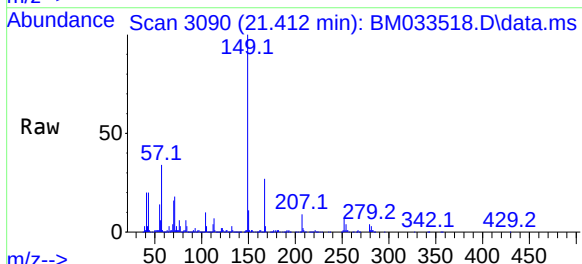
Manual Integrations
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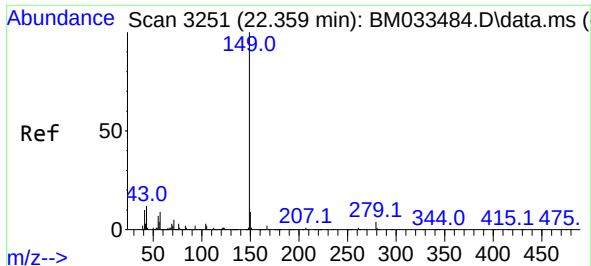
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.473 ng
RT: 21.412 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:149 Resp: 279520
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 3.9 3.0 4.6





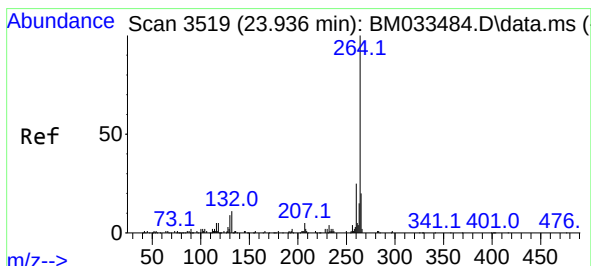
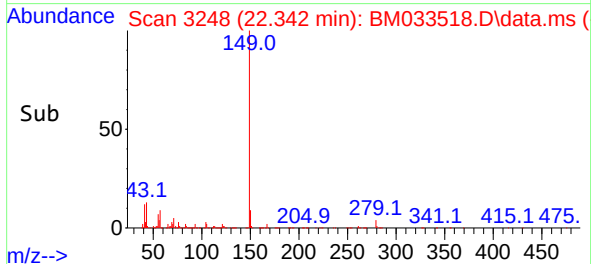
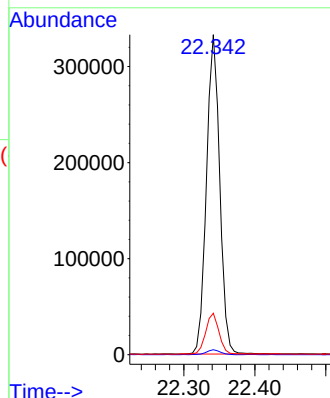
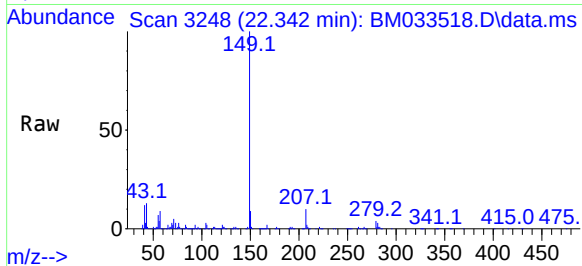
#85
Di-n-octyl phthalate
Concen: 41.277 ng
RT: 22.342 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:149 Resp: 431428
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.4 15.6

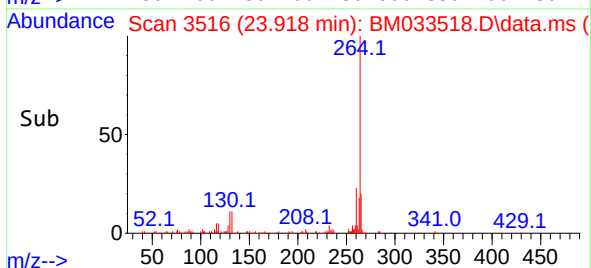
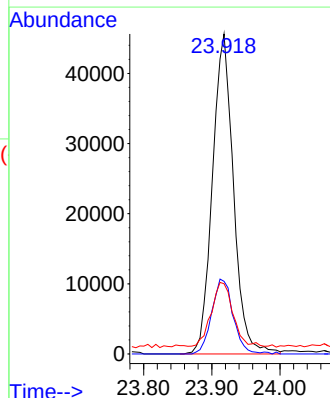
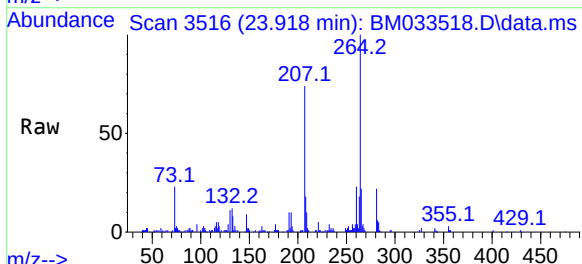
Manual Integrations
APPROVED

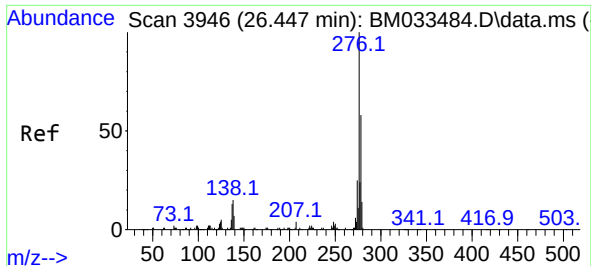
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.918 min Scan# 3516
Delta R.T. -0.018 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:264 Resp: 98014
Ion Ratio Lower Upper
264 100
260 22.7 17.7 26.5
265 22.0 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.024 ng
RT: 26.424 min Scan# 3942
Delta R.T. -0.023 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :

BNA_M

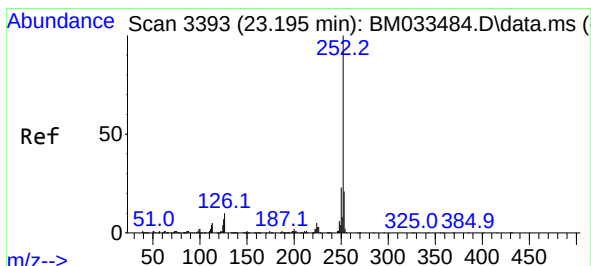
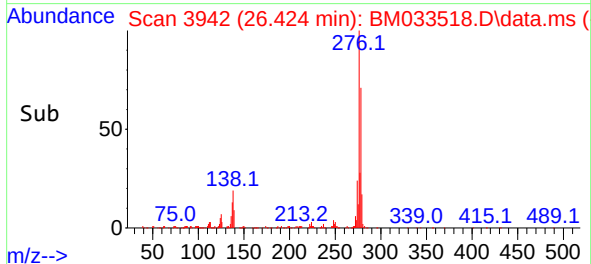
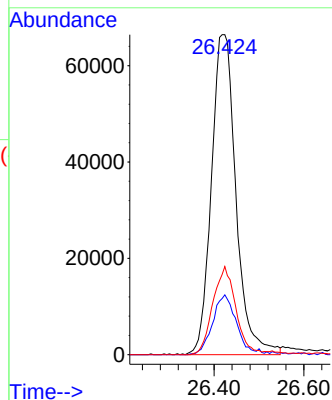
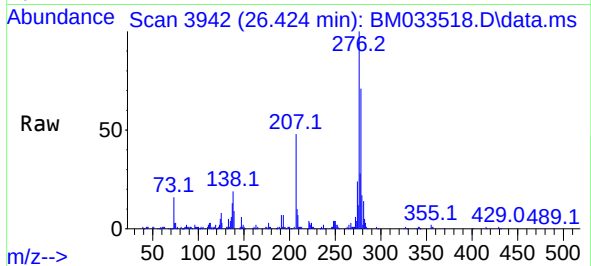
ClientSampleId :

PB141511BS

Tgt Ion:276 Resp: 25316
Ion Ratio Lower Upper
276 100
138 18.1 18.7 28.1
277 25.9 20.2 30.4

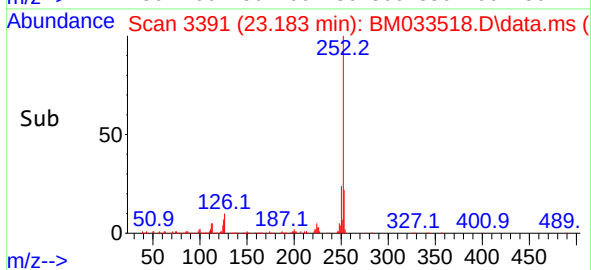
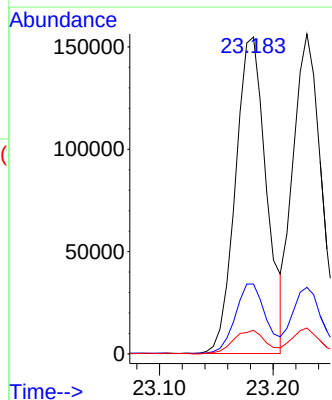
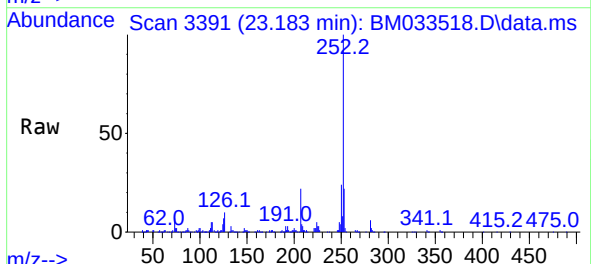
Manual Integrations
APPROVED

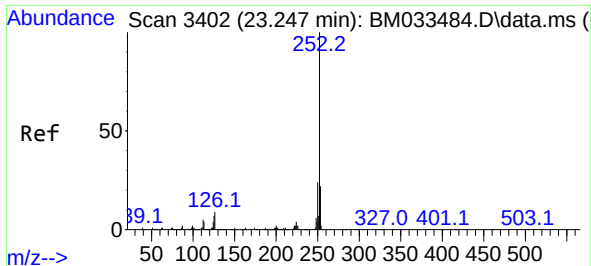
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#88
Benzo(b)fluoranthene
Concen: 46.644 ng
RT: 23.183 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Tgt Ion:252 Resp: 293162
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 7.5 7.4 11.2





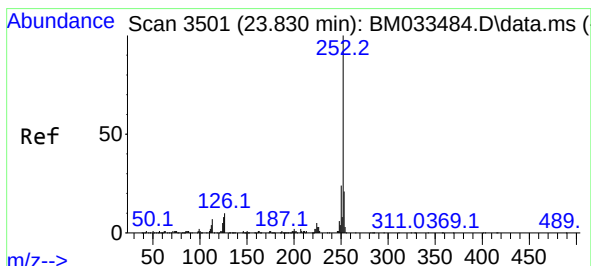
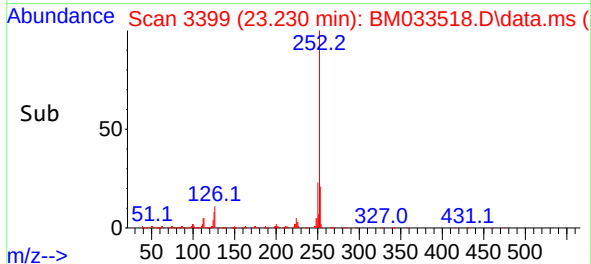
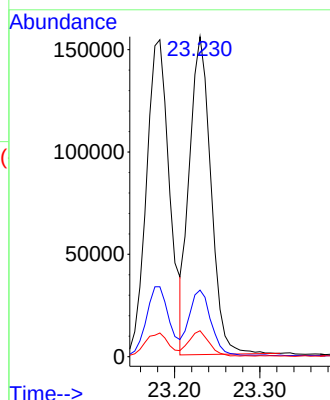
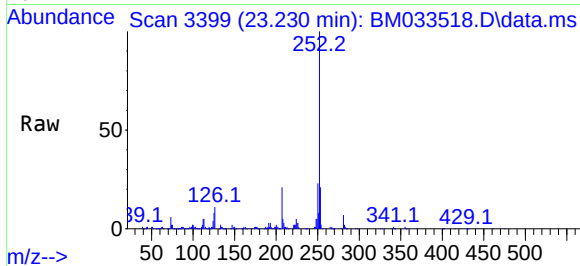
#89
Benzo(k)fluoranthene
Concen: 42.806 ng
RT: 23.230 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

Instrument :
BNA_M
ClientSampleId :
PB141511BS

Tgt Ion:252 Resp: 272130
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 8.1 8.1 12.1

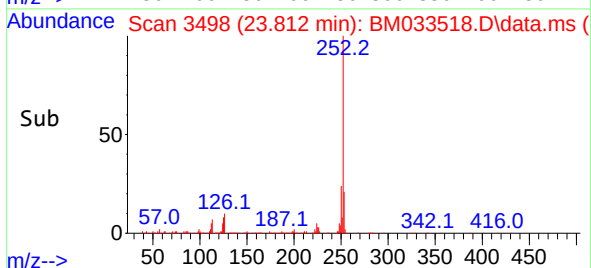
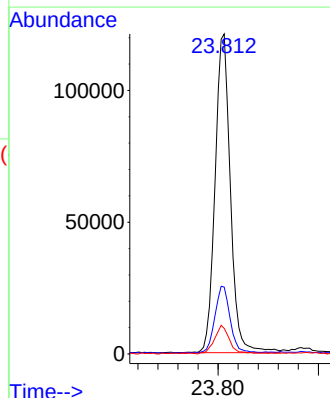
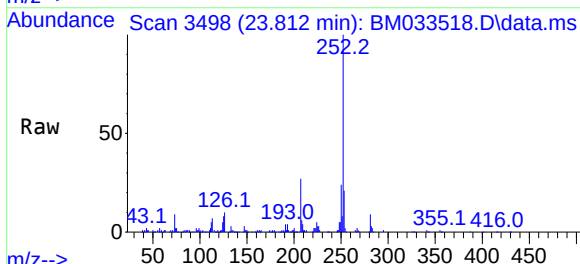
Manual Integrations
APPROVED

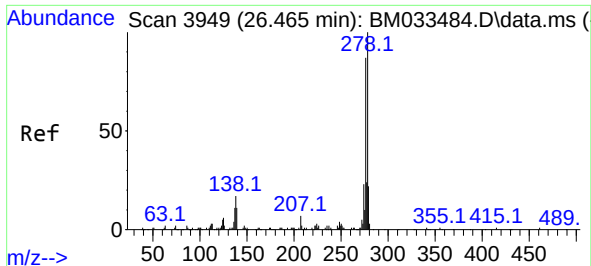
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#90
Benzo(a)pyrene
Concen: 54.559 ng
RT: 23.812 min Scan# 3498
Delta R.T. -0.018 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

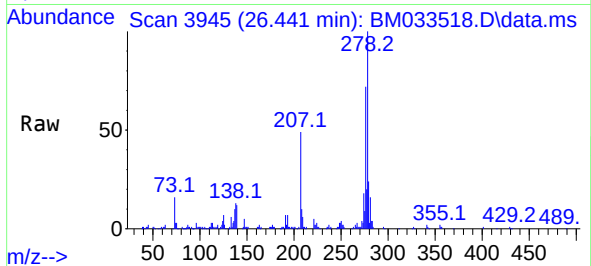
Tgt Ion:252 Resp: 256611
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 8.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 60.439 ng
RT: 26.441 min Scan# 3945
Delta R.T. -0.024 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27

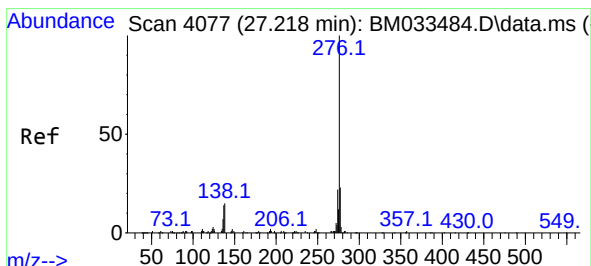
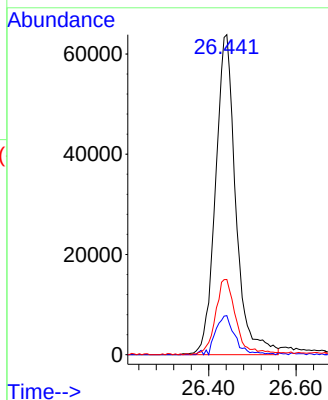
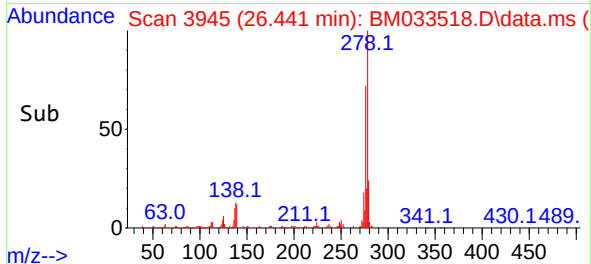
Instrument :
BNA_M
ClientSampleId :
PB141511BS



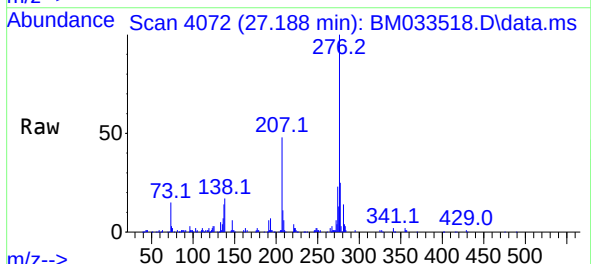
Tgt Ion:278 Resp: 204854
Ion Ratio Lower Upper
278 100
139 12.2 10.9 16.3
279 23.5 17.7 26.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/23/2021



#92
Benzo(g,h,i)perylene
Concen: 56.685 ng
RT: 27.188 min Scan# 4072
Delta R.T. -0.030 min
Lab File: BM033518.D
Acq: 18 Dec 2021 14:27



Tgt Ion:276 Resp: 247072
Ion Ratio Lower Upper
276 100
277 25.4 19.1 28.7
138 16.6 14.8 22.2

