

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
 Data File : BM037506.D
 Acq On : 14 Nov 2022 17:25
 Operator : CG/JU
 Sample : PB148920BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148920BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 15 00:04:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	237844	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	1082558	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	680799	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1381186	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1577372	20.000	ng	0.00
86) Perylene-d12	23.709	264	1466645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2019461	160.343	ng	0.00
7) Phenol-d6	6.981	99	2728672	150.581	ng	0.00
23) Nitrobenzene-d5	8.969	82	1670763	80.202	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1324480	140.700	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	4029781	82.264	ng	0.00
79) Terphenyl-d14	19.815	244	7011962	88.780	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	183950	35.340	ng	96
3) Pyridine	3.651	79	469758	29.284	ng	100
4) n-Nitrosodimethylamine	3.563	42	296360	40.438	ng	# 99
6) Aniline	7.128	93	876972	38.249	ng	99
8) 2-Chlorophenol	7.363	128	801810	47.207	ng	97
9) Benzaldehyde	6.945	77	78031	7.837	ng	99
10) Phenol	7.004	94	996209	48.266	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	716425	42.873	ng	98
12) 1,3-Dichlorobenzene	7.681	146	755066	41.467	ng	100
13) 1,4-Dichlorobenzene	7.828	146	781631	41.533	ng	98
14) 1,2-Dichlorobenzene	8.145	146	772863	41.732	ng	99
15) Benzyl Alcohol	8.051	79	637346m	45.543	ng	
16) 2,2'-oxybis(1-Chloropr...	8.333	45	1026873	42.215	ng	100
17) 2-Methylphenol	8.251	107	672215	45.887	ng	99
18) Hexachloroethane	8.863	117	299223	42.443	ng	97
19) n-Nitroso-di-n-propyla...	8.616	70	595922	41.647	ng	98
20) 3+4-Methylphenols	8.586	107	910694	44.289	ng	99
22) Acetophenone	8.633	105	1174003	41.934	ng	# 99
24) Nitrobenzene	9.010	77	862836	40.154	ng	99
25) Isophorone	9.539	82	1592405	41.434	ng	100
26) 2-Nitrophenol	9.716	139	425835	42.485	ng	98
27) 2,4-Dimethylphenol	9.786	122	755572	52.476	ng	96
28) bis(2-Chloroethoxy)met...	10.022	93	1001600	45.189	ng	100
29) 2,4-Dichlorophenol	10.251	162	760692	43.947	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	730182	38.827	ng	99
31) Naphthalene	10.645	128	2372728	38.686	ng	100
32) Benzoic acid	9.963	122	551301	39.629	ng	98
33) 4-Chloroaniline	10.774	127	818298	33.032	ng	100
34) Hexachlorobutadiene	10.916	225	428498	39.113	ng	98
35) Caprolactam	11.592	113	246902m	40.696	ng	
36) 4-Chloro-3-methylphenol	11.904	107	789290	41.996	ng	99
37) 2-Methylnaphthalene	12.263	142	1704458	39.489	ng	100
38) 1-Methylnaphthalene	12.480	142	1654554	38.564	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	858661	43.408	ng	99
41) Hexachlorocyclopentadiene	12.598	237	950603	93.966	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	615702	42.927	ng	99

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

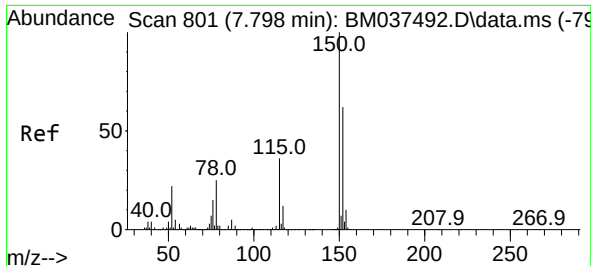
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	689334	43.407	ng	98
46) 1,1'-Biphenyl	13.274	154	2266435	42.990	ng	100
47) 2-Chloronaphthalene	13.315	162	1740039	41.041	ng	100
48) 2-Nitroaniline	13.539	65	548114	41.977	ng	99
49) Acenaphthylene	14.162	152	2772524	40.828	ng	100
50) Dimethylphthalate	13.915	163	2159064	39.623	ng	100
51) 2,6-Dinitrotoluene	14.039	165	481793	41.150	ng	99
52) Acenaphthene	14.509	154	1669291	40.271	ng	100
53) 3-Nitroaniline	14.368	138	447833	33.225	ng	100
54) 2,4-Dinitrophenol	14.580	184	625857	77.706	ng	97
55) Dibenzofuran	14.845	168	2649087	39.966	ng	99
56) 4-Nitrophenol	14.692	139	907278	79.082	ng	100
57) 2,4-Dinitrotoluene	14.827	165	681038	42.017	ng	98
58) Fluorene	15.492	166	2268075	40.350	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	574188	39.635	ng	100
60) Diethylphthalate	15.274	149	2196008	39.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1094929	41.687	ng	98
62) 4-Nitroaniline	15.539	138	477031	36.625	ng	99
63) Azobenzene	15.780	77	2111146	40.603	ng	100
65) 4,6-Dinitro-2-methylph...	15.586	198	356571	38.289	ng	96
66) n-Nitrosodiphenylamine	15.709	169	1885036	42.542	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	651868	42.167	ng	98
68) Hexachlorobenzene	16.486	284	796145	41.277	ng	99
69) Atrazine	16.668	200	557779	45.234	ng	99
70) Pentachlorophenol	16.845	266	1051066	92.560	ng	99
71) Phenanthrene	17.233	178	3388999	39.971	ng	100
72) Anthracene	17.321	178	3426493	42.144	ng	99
73) Carbazole	17.603	167	3200679	42.104	ng	100
74) Di-n-butylphthalate	18.162	149	3804516	37.604	ng	99
75) Fluoranthene	19.250	202	4006841	39.647	ng	99
77) Benzidine	19.450	184	1759755	68.046	ng	99
78) Pyrene	19.615	202	4254007	41.123	ng	100
80) Butylbenzylphthalate	20.515	149	1830553	41.162	ng	98
81) Benzo(a)anthracene	21.362	228	4424332	40.014	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1728709	48.119	ng	99
83) Chrysene	21.415	228	4177206	39.131	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	2809917	42.887	ng	99
85) Di-n-octyl phthalate	22.191	149	4634808	41.221	ng	100
87) Indeno(1,2,3-cd)pyrene	26.132	276	4917670	40.598	ng	100
88) Benzo(b)fluoranthene	23.003	252	4752242	48.323	ng	100
89) Benzo(k)fluoranthene	23.050	252	4643046	46.551	ng	99
90) Benzo(a)pyrene	23.609	252	4018978	49.044	ng	99
91) Dibenzo(a,h)anthracene	26.144	278	4404530	43.897	ng	99
92) Benzo(g,h,i)perylene	26.873	276	4050391	41.720	ng	99

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

Manual Integrations

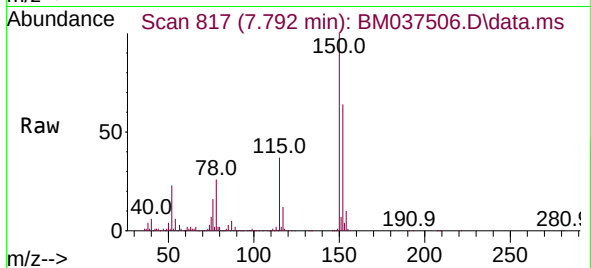
Quant Time: Nov 15 00:04:19 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM037506.D
 Acq: 14 Nov 2022 17:25

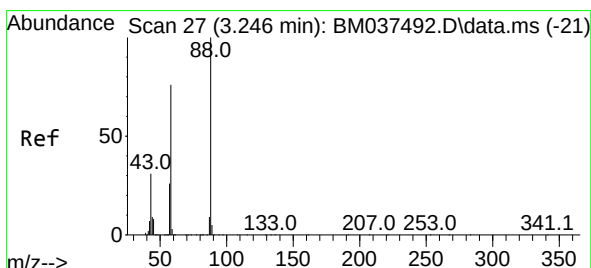
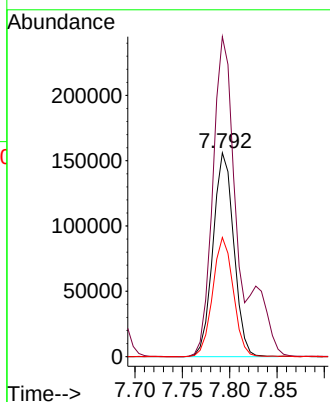
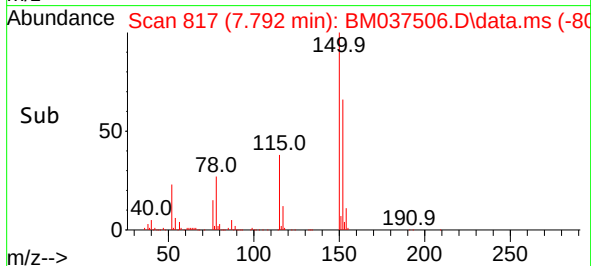
Instrument :
 BNA_M
 ClientSampleId :
 PB148920BS



Tgt Ion:152 Resp: 237844
 Ion Ratio Lower Upper
 152 100
 150 157.0 129.8 194.6
 115 58.4 46.6 69.8

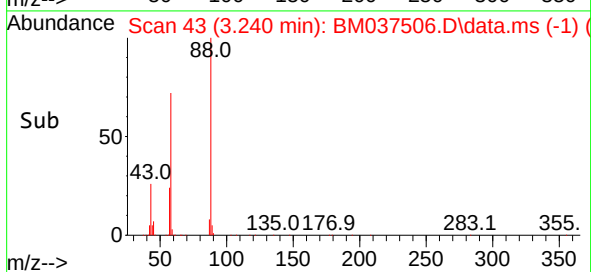
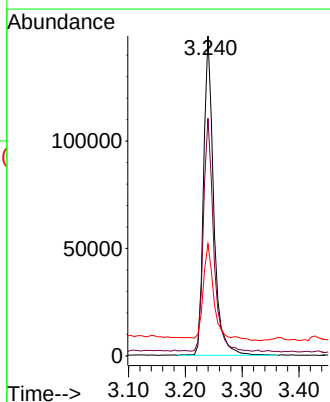
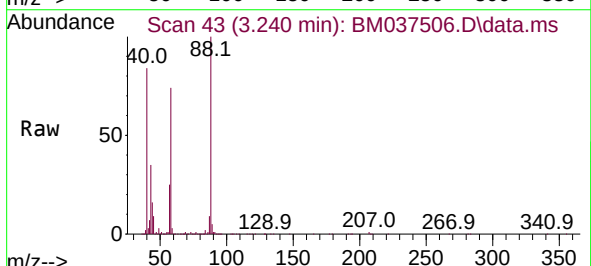
Manual Integrations
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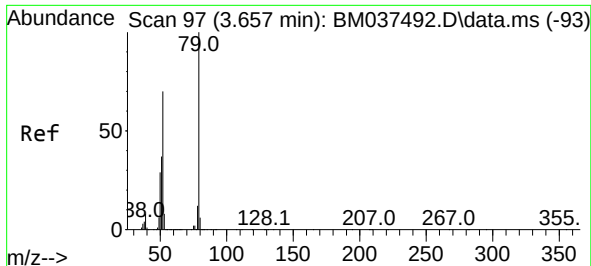
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :mohammad ahmed 11/17/2022



#2
 1,4-Dioxane
 Concen: 35.340 ng
 RT: 3.240 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: BM037506.D
 Acq: 14 Nov 2022 17:25

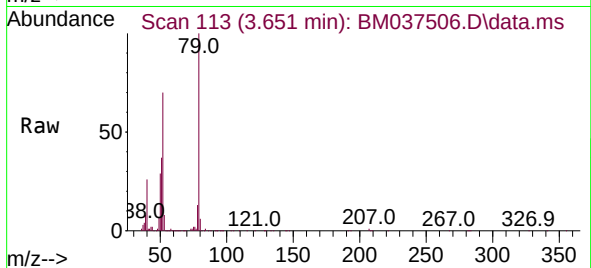
Tgt Ion: 88 Resp: 183950
 Ion Ratio Lower Upper
 88 100
 58 73.4 61.6 92.4
 43 32.4 24.6 37.0





#3
Pyridine
Concen: 29.284 ng
RT: 3.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

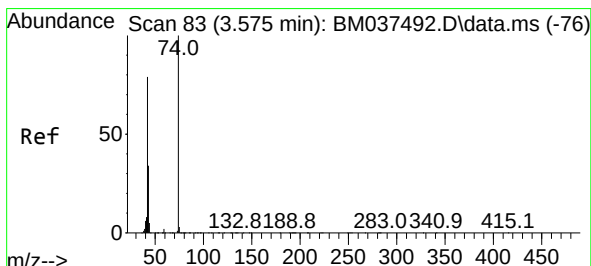
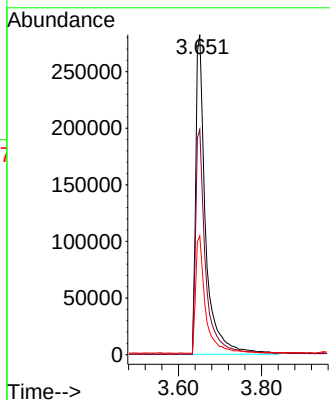
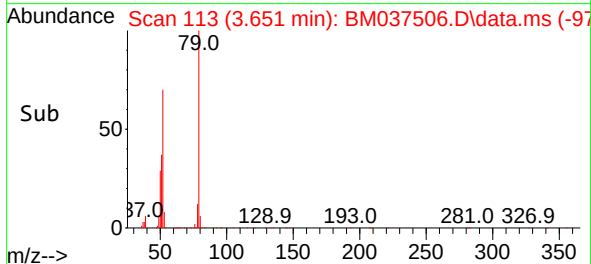
Instrument :
BNA_M
ClientSampleId :
PB148920BS



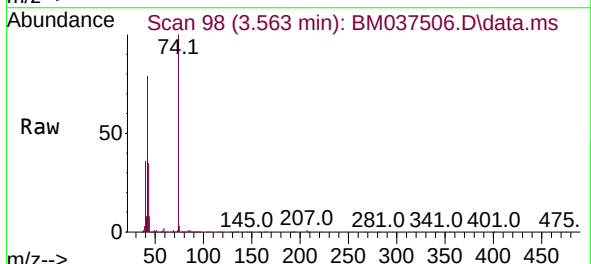
Tgt Ion: 79 Resp: 469758
Ion Ratio Lower Upper
79 100
52 70.3 56.3 84.5
51 37.1 30.1 45.1

Manual Integrations
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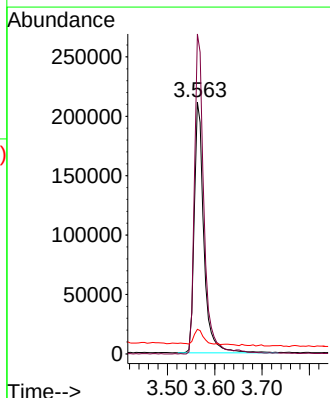
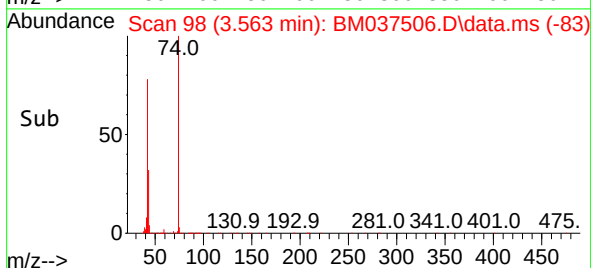
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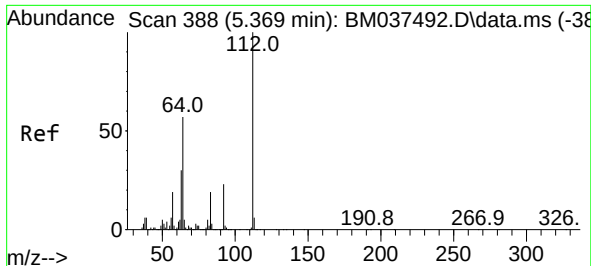


#4
n-Nitrosodimethylamine
Concen: 40.438 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.012 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



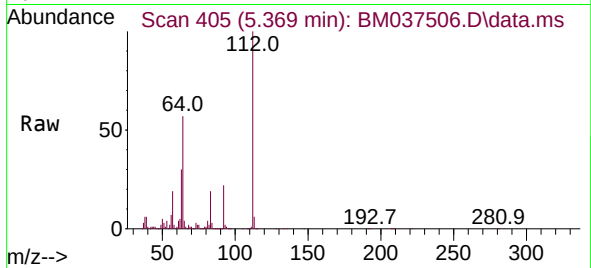
Tgt Ion: 42 Resp: 296360
Ion Ratio Lower Upper
42 100
74 127.1 100.9 151.3
44 9.8 5.7 8.5





#5
2-Fluorophenol
Concen: 160.343 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

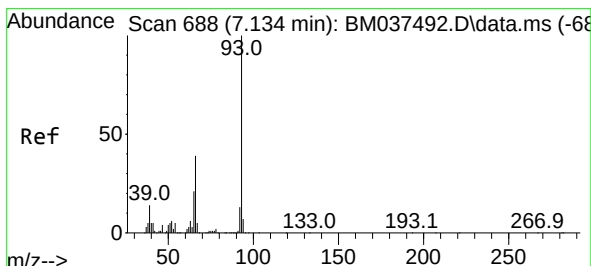
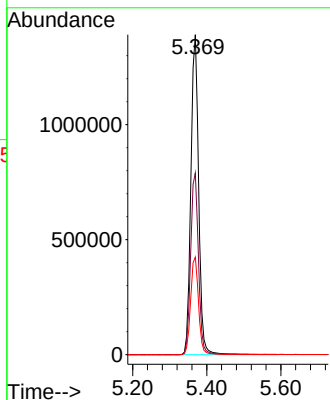
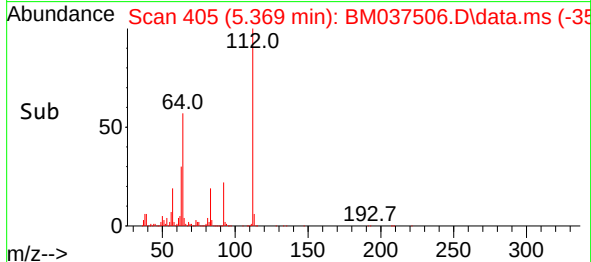
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion: 112 Resp: 201946
Ion Ratio Lower Upper
112 100
64 56.8 45.9 68.9
63 30.5 24.2 36.4

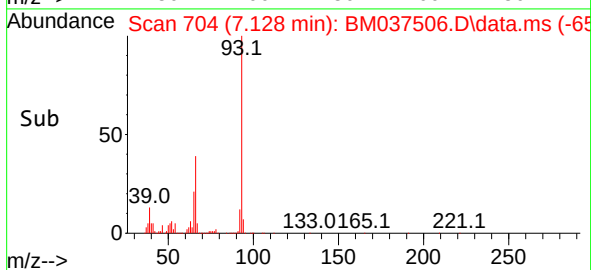
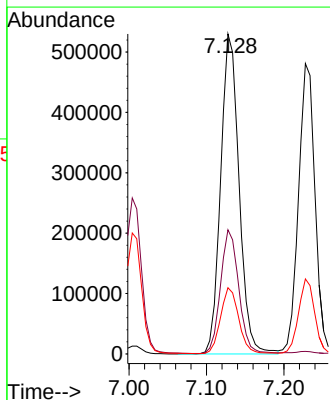
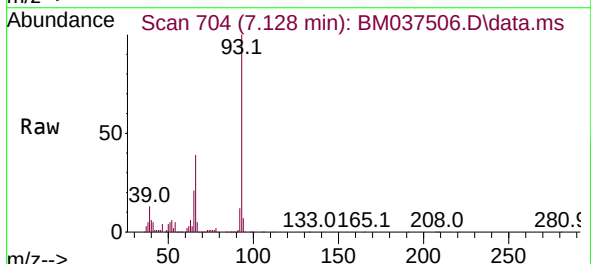
Manual Integrations
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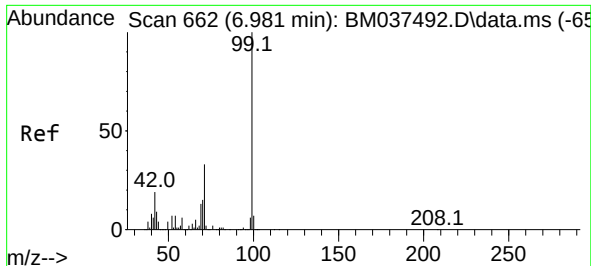
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#6
Aniline
Concen: 38.249 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion: 93 Resp: 876972
Ion Ratio Lower Upper
93 100
66 38.8 31.6 47.4
65 20.7 16.9 25.3





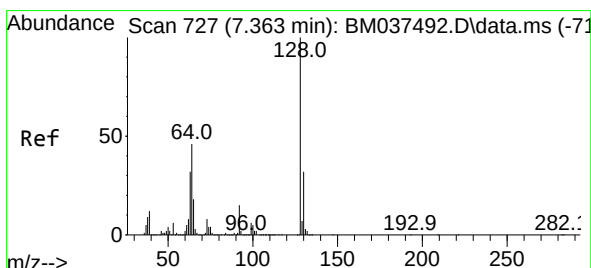
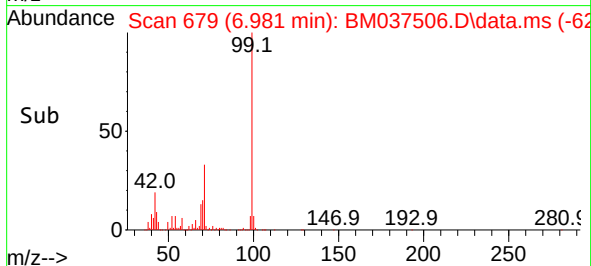
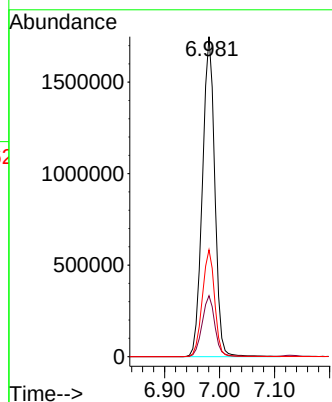
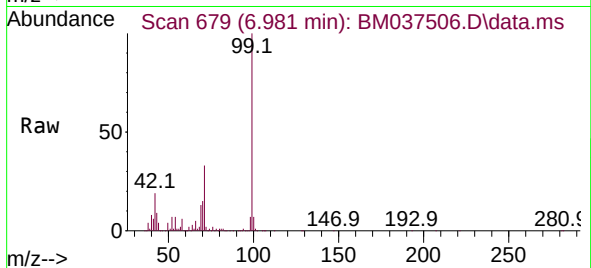
#7
Phenol-d6
Concen: 150.581 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion: 99 Resp: 2728672
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.6
71 33.4 26.2 39.2

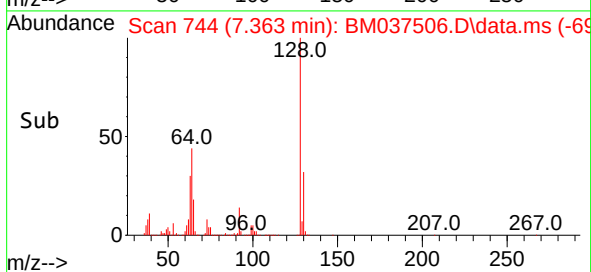
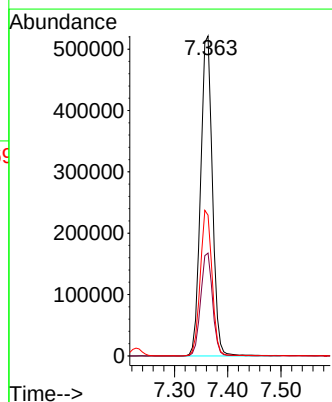
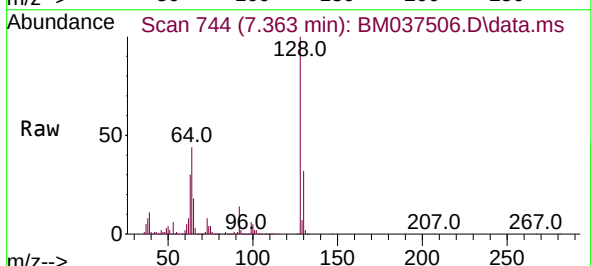
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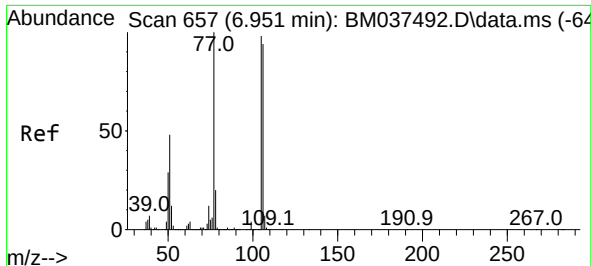
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#8
2-Chlorophenol
Concen: 47.207 ng
RT: 7.363 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion:128 Resp: 801810
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 44.0 26.7 66.7





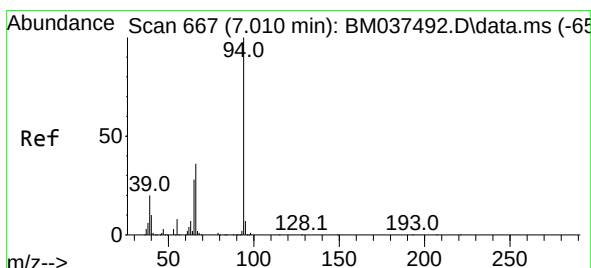
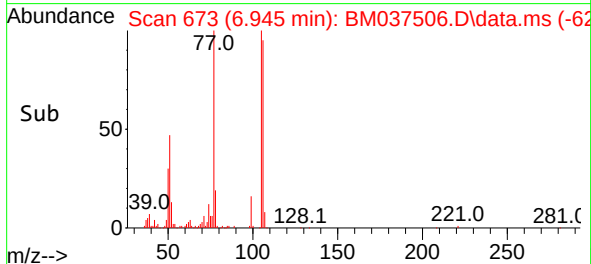
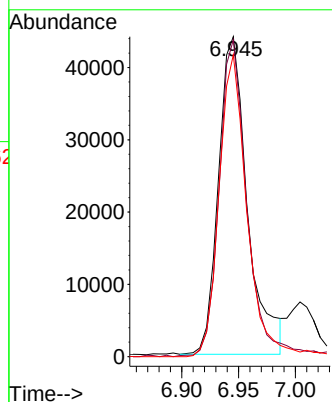
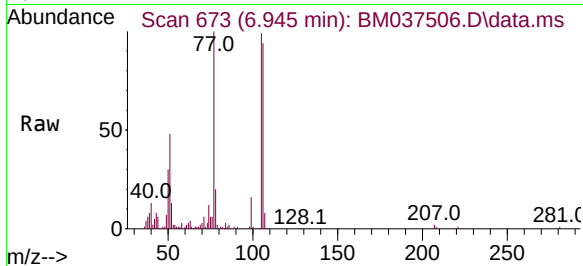
#9
Benzaldehyde
Concen: 7.837 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion: 77 Resp: 7803
Ion Ratio Lower Upper
77 100
105 99.0 77.8 117.8
106 94.3 73.8 113.8

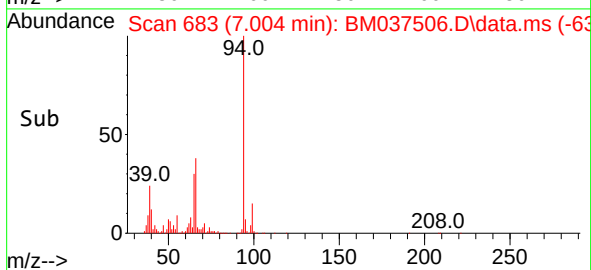
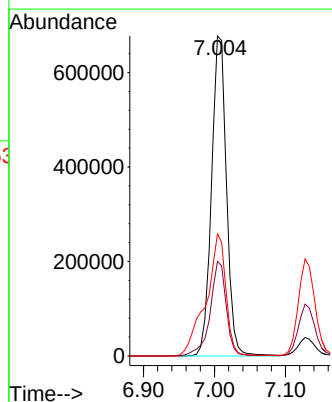
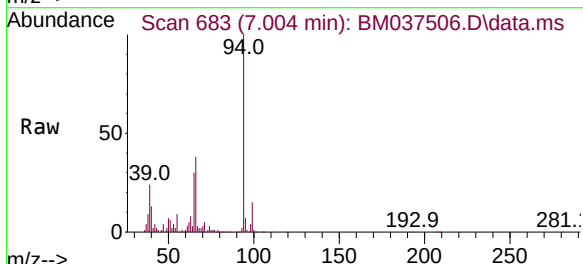
Manual Integrations
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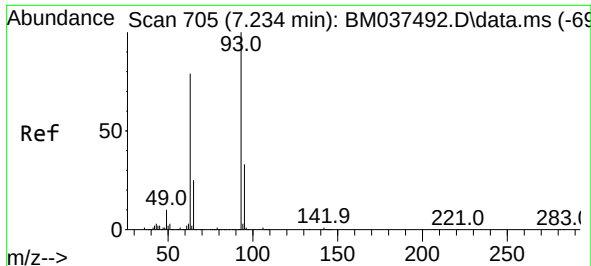
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#10
Phenol
Concen: 48.266 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion: 94 Resp: 996209
Ion Ratio Lower Upper
94 100
65 29.5 8.6 48.6
66 38.1 16.5 56.5





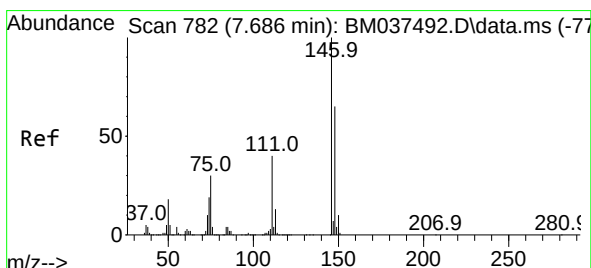
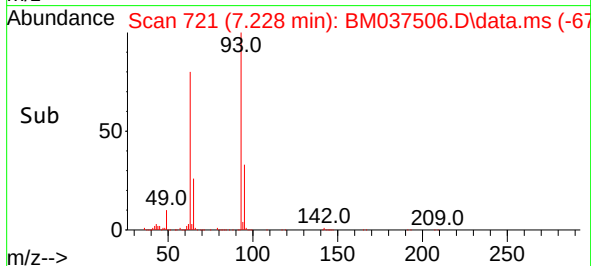
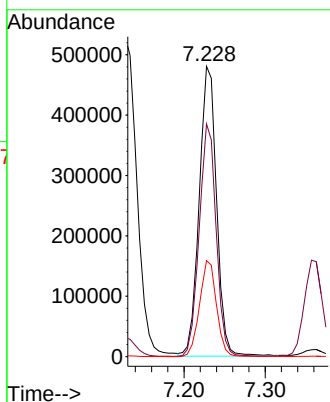
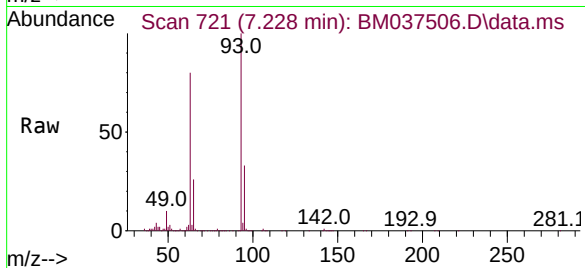
#11
bis(2-Chloroethyl)ether
Concen: 42.873 ng
RT: 7.228 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion: 93 Resp: 716425
Ion Ratio Lower Upper
93 100
63 80.2 58.3 98.3
95 33.1 12.6 52.6

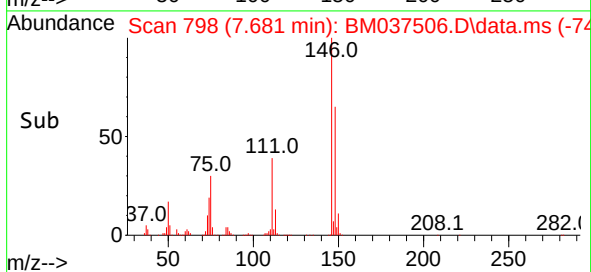
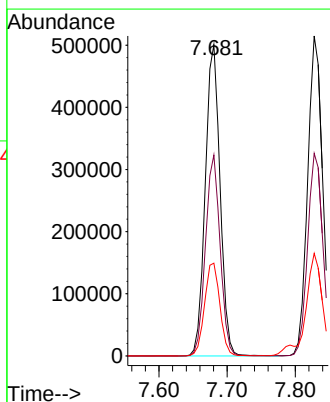
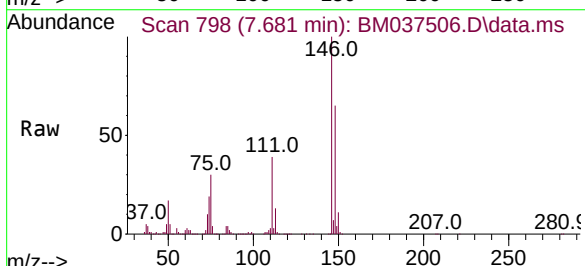
Manual Integrations
APPROVED

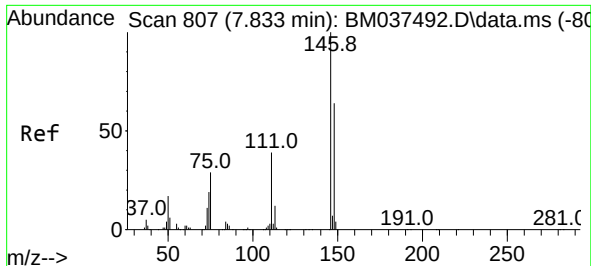
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#12
1,3-Dichlorobenzene
Concen: 41.467 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion:146 Resp: 755066
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 29.8 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 41.533 ng

RT: 7.828 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

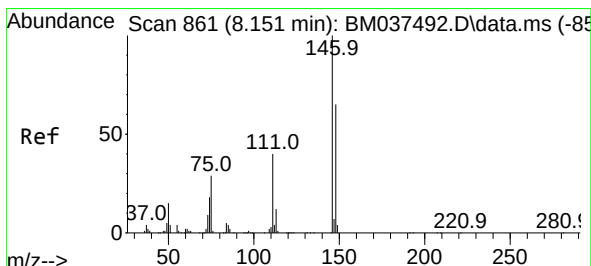
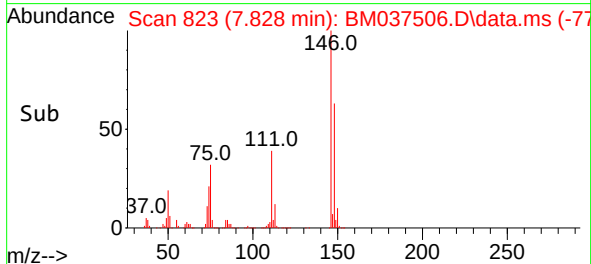
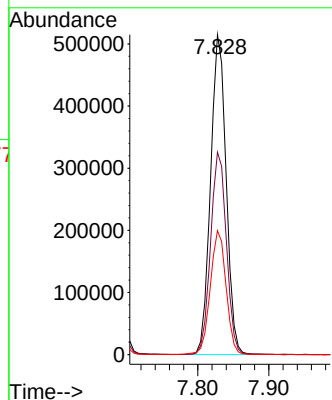
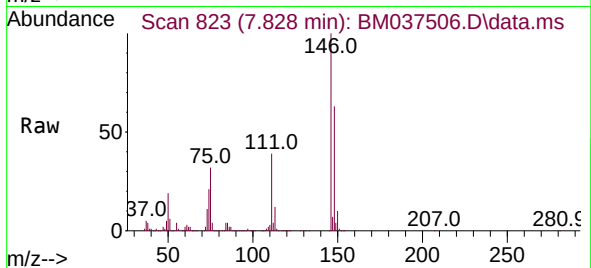
PB148920BS

Tgt Ion:	146	Resp:	78163
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.6	77.4
111	38.7	31.8	47.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#14

1,2-Dichlorobenzene

Concen: 41.732 ng

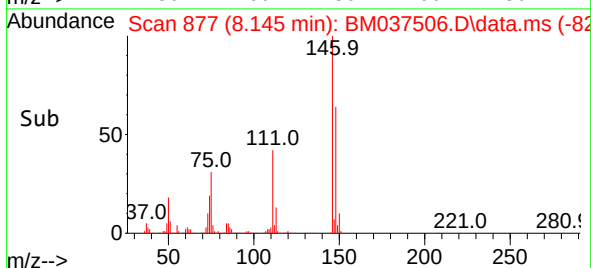
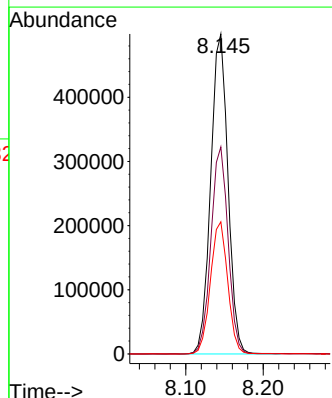
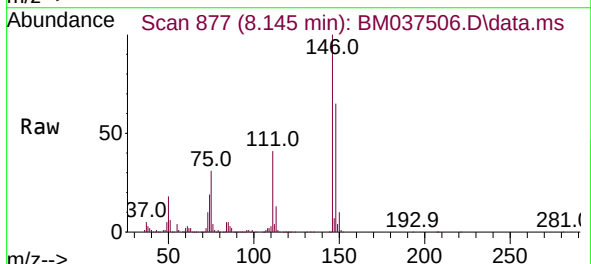
RT: 8.145 min Scan# 877

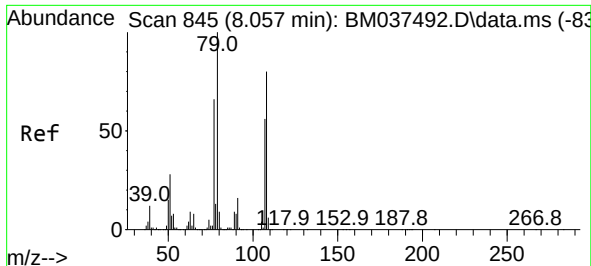
Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Tgt Ion:	146	Resp:	772863
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.7	77.5
111	41.3	31.9	47.9





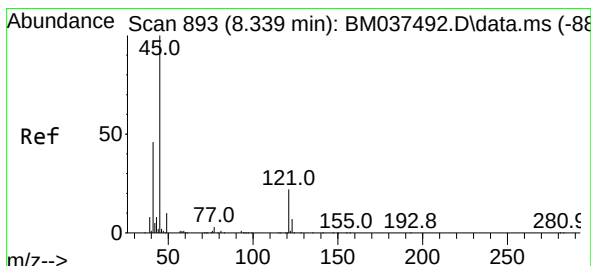
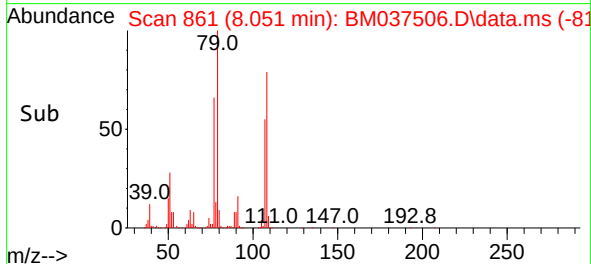
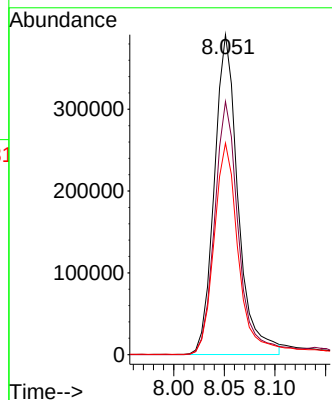
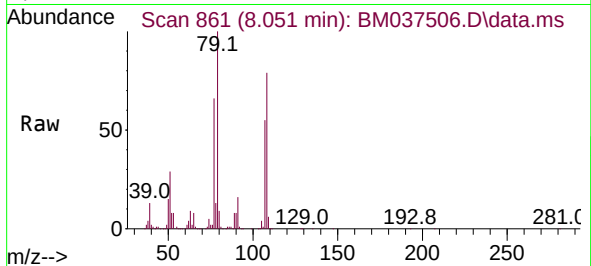
#15
Benzyl Alcohol
Concen: 45.543 ng m
RT: 8.051 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion: 79 Resp: 637346
Ion Ratio Lower Upper
79 100
108 79.1 63.7 95.5
77 66.1 52.7 79.1

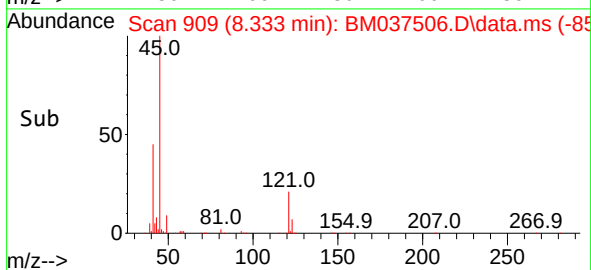
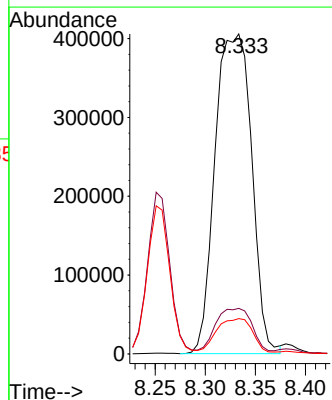
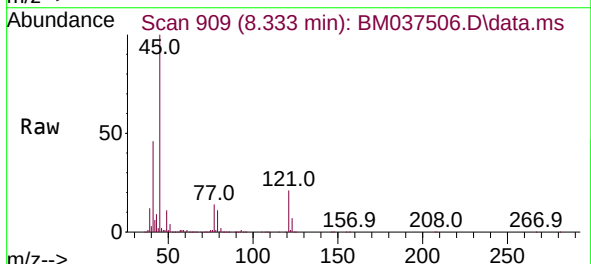
Manual Integrations
APPROVED

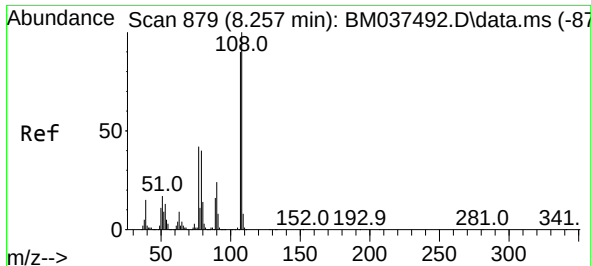
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.215 ng
RT: 8.333 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion: 45 Resp: 1026873
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.3
79 11.0 0.0 31.1





#17

2-Methylphenol

Concen: 45.887 ng

RT: 8.251 min Scan# 895

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS

Tgt Ion:107 Resp: 672215

Ion Ratio Lower Upper

107 100

108 111.4 88.7 133.1

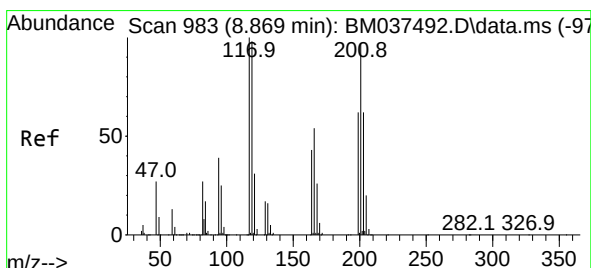
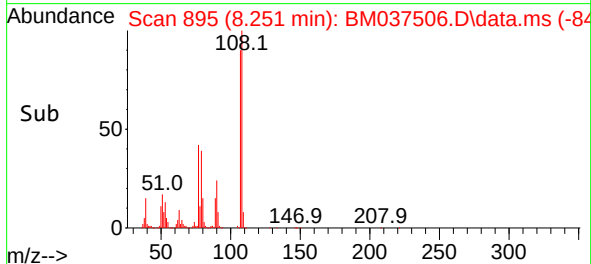
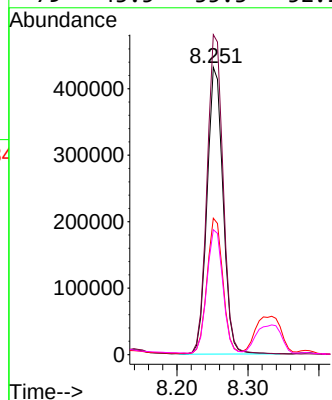
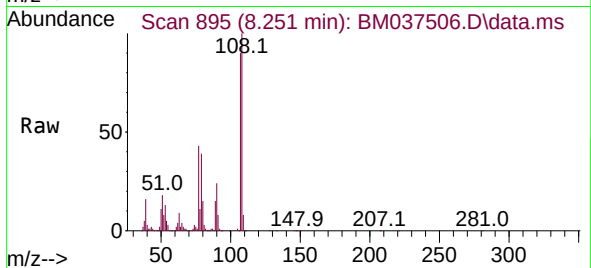
77 47.5 37.8 56.6

79 43.5 35.3 52.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#18

Hexachloroethane

Concen: 42.443 ng

RT: 8.863 min Scan# 999

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

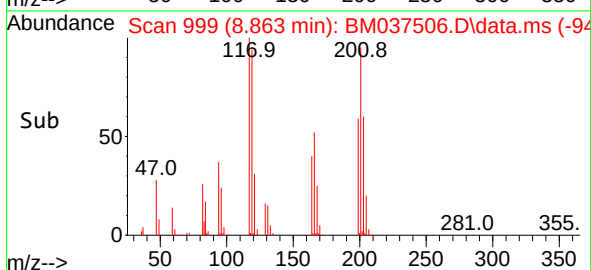
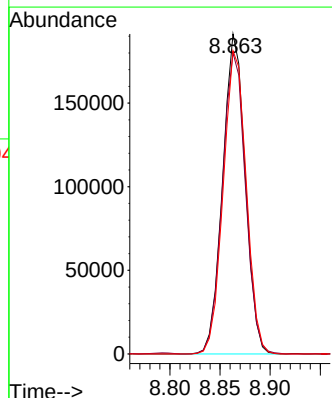
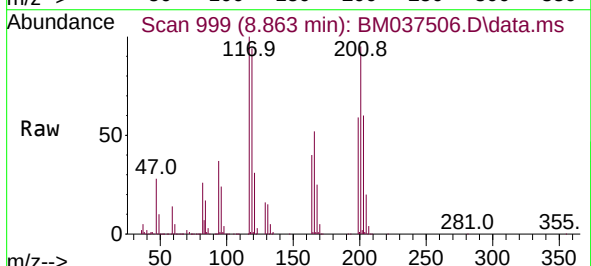
Tgt Ion:117 Resp: 299223

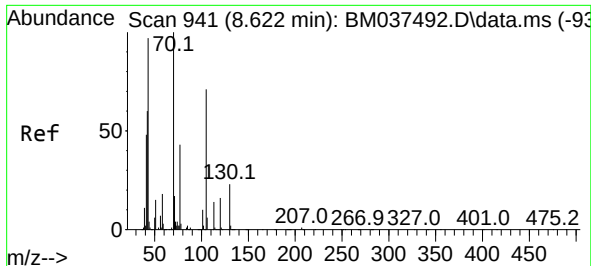
Ion Ratio Lower Upper

117 100

119 94.1 78.5 117.7

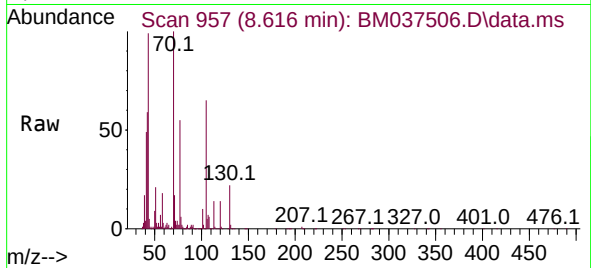
201 94.7 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.647 ng
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

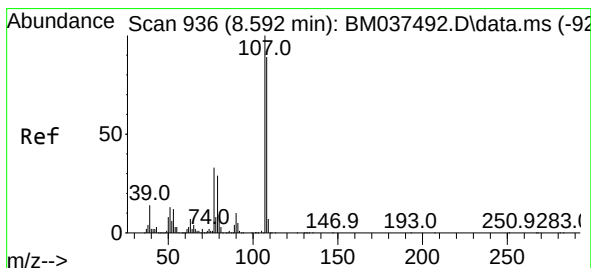
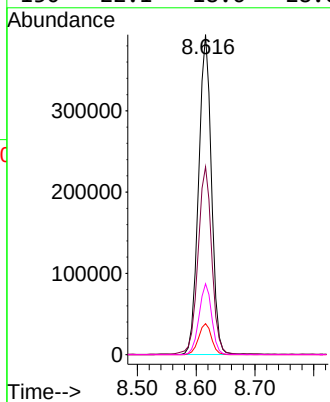
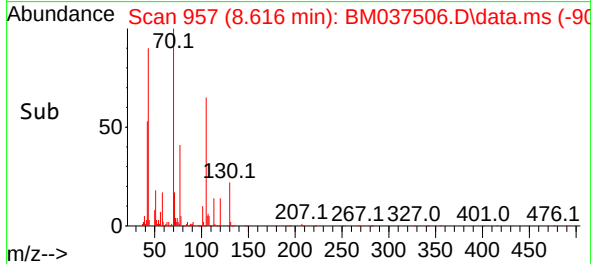
Instrument :
BNA_M
ClientSampleId :
PB148920BS



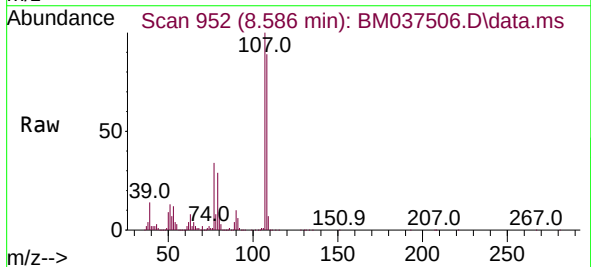
Tgt Ion: 70 Resp: 595922
Ion Ratio Lower Upper
70 100
42 58.7 48.5 72.7
101 9.7 7.8 11.6
130 22.1 18.6 28.0

Manual Integrations
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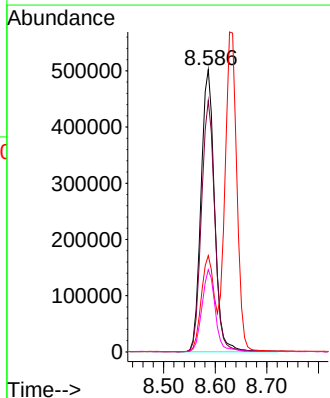
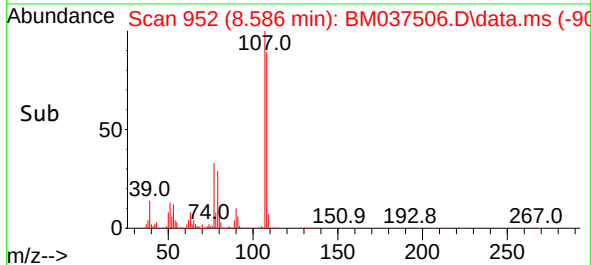
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

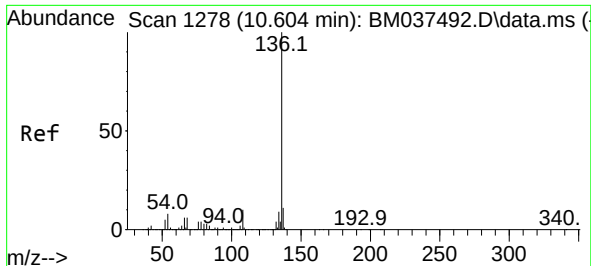


#20
3+4-Methylphenols
Concen: 44.289 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:107 Resp: 910694
Ion Ratio Lower Upper
107 100
108 89.0 69.2 109.2
77 34.1 12.8 52.8
79 29.1 8.9 48.9





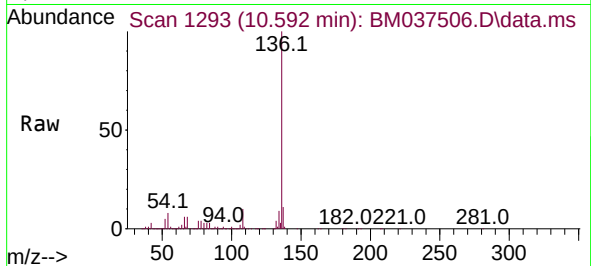
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS

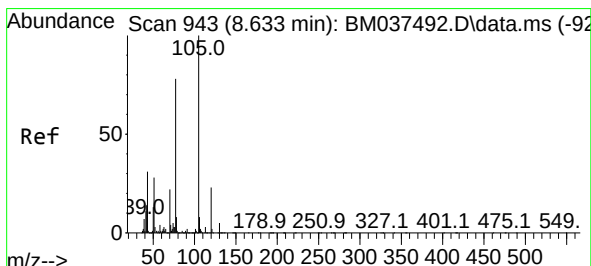
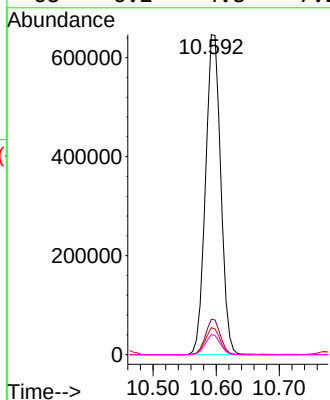
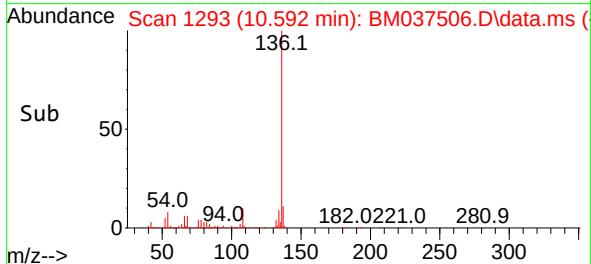


Tgt Ion:136 Resp: 1082558
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.4 6.3 9.5
68 6.2 4.8 7.2

Manual Integrations

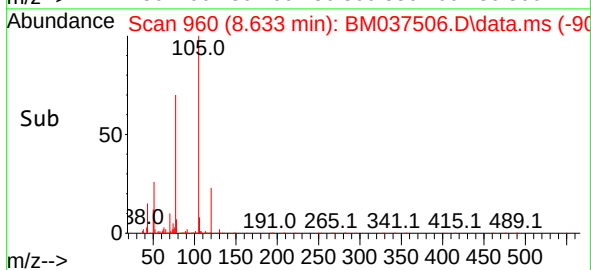
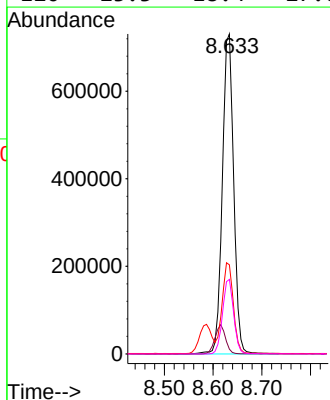
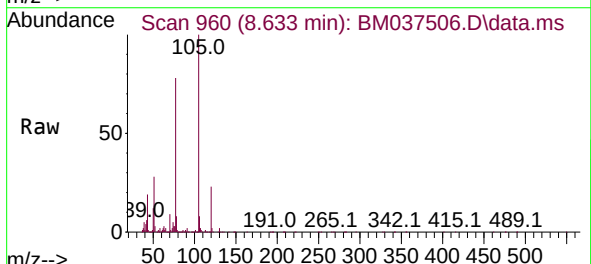
APPROVED

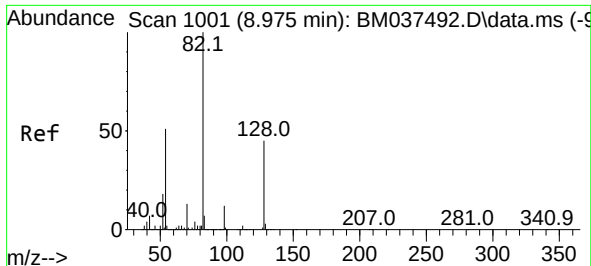
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#22
Acetophenone
Concen: 41.934 ng
RT: 8.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

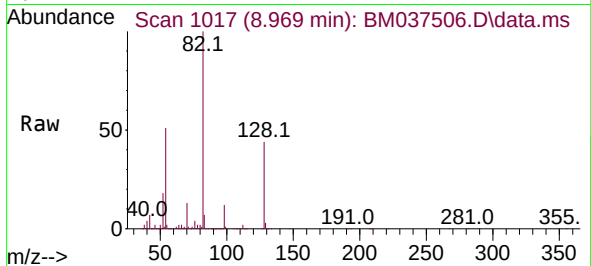
Tgt Ion:105 Resp: 1174003
Ion Ratio Lower Upper
105 100
71 1.5 2.9 4.3#
51 27.8 22.9 34.3
120 23.3 18.4 27.6





#23
Nitrobenzene-d5
Concen: 80.202 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

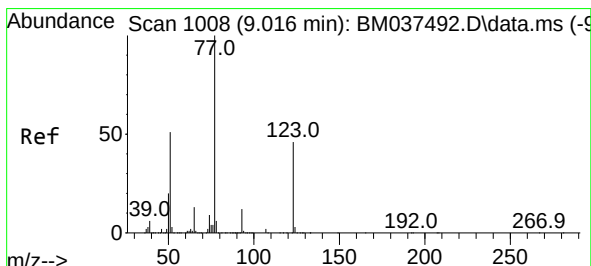
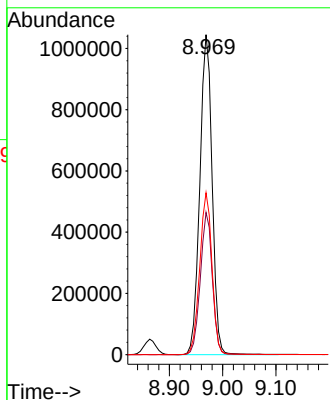
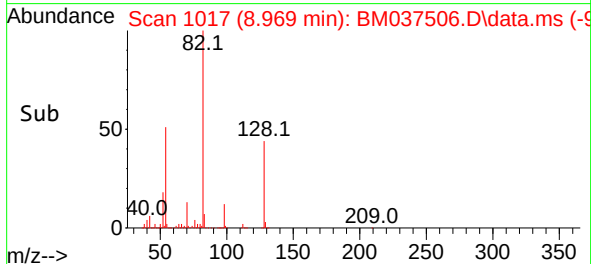
Instrument :
BNA_M
ClientSampleId :
PB148920BS



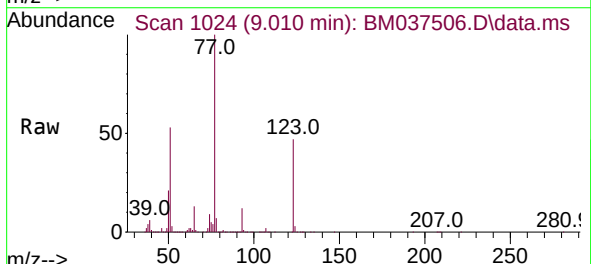
Tgt Ion: 82 Resp: 1670763
Ion Ratio Lower Upper
82 100
128 44.4 36.3 54.5
54 50.6 40.7 61.1

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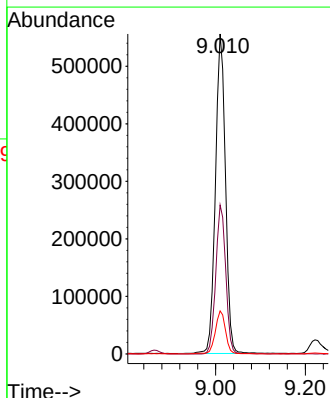
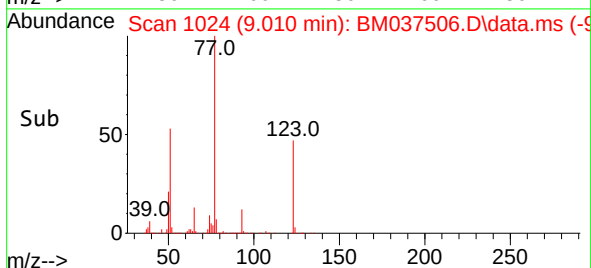
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

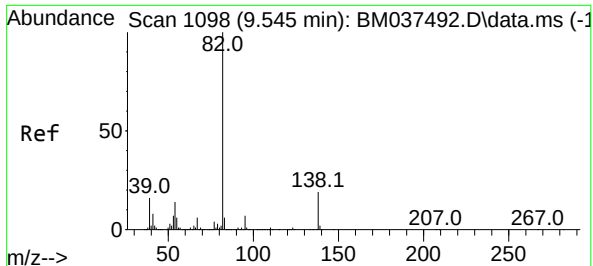


#24
Nitrobenzene
Concen: 40.154 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



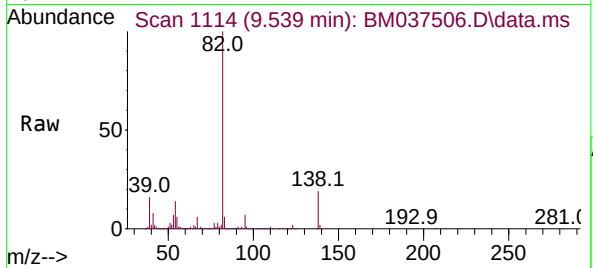
Tgt Ion: 77 Resp: 862836
Ion Ratio Lower Upper
77 100
123 46.5 36.7 55.1
65 13.4 10.7 16.1





#25
Isophorone
Concen: 41.434 ng
RT: 9.539 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

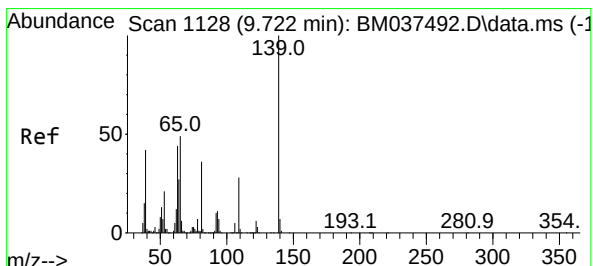
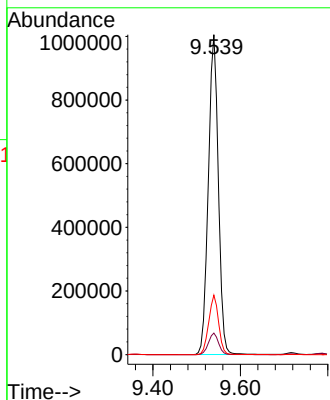
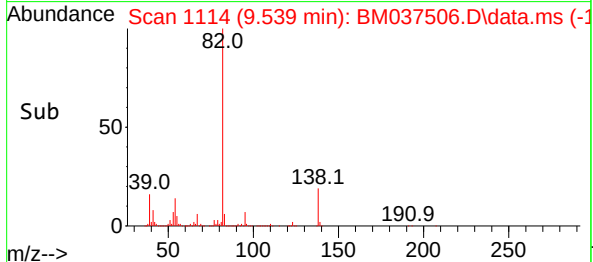
Instrument :
BNA_M
ClientSampleId :
PB148920BS



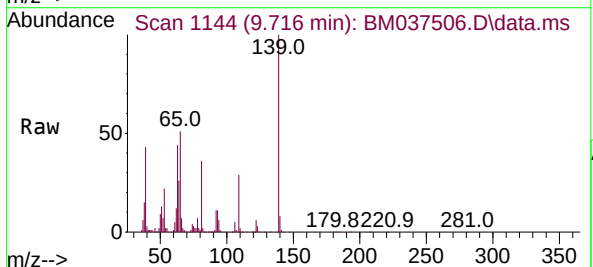
Tgt Ion: 82 Resp: 1592405
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 18.6 14.9 22.3

Manual Integrations
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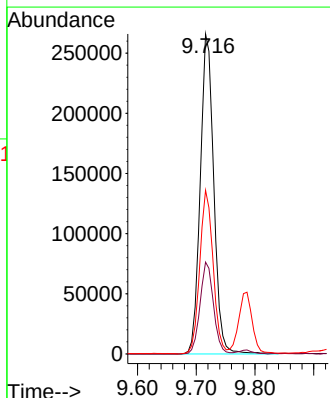
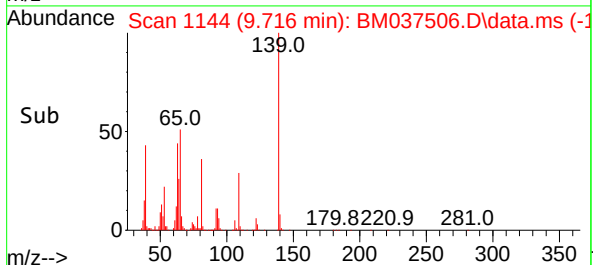
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

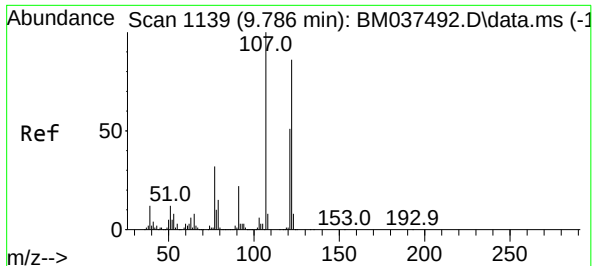


#26
2-Nitrophenol
Concen: 42.485 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:139 Resp: 425835
Ion Ratio Lower Upper
139 100
109 28.7 22.8 34.2
65 51.1 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 52.476 ng

RT: 9.786 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BM037506.D

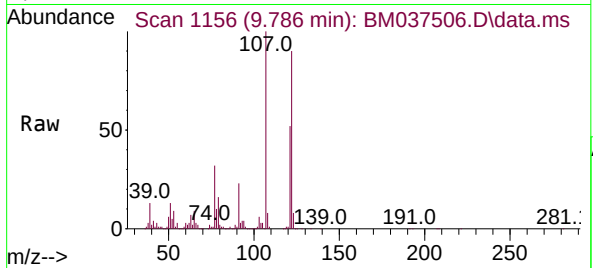
Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS



Tgt Ion:122 Resp: 755572

Ion Ratio Lower Upper

122 100

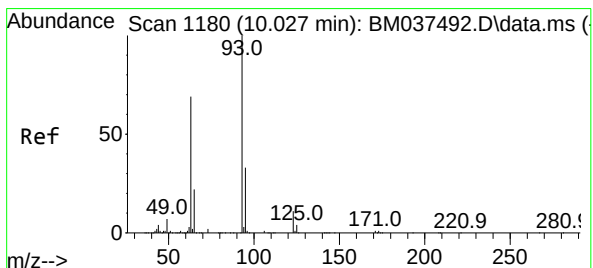
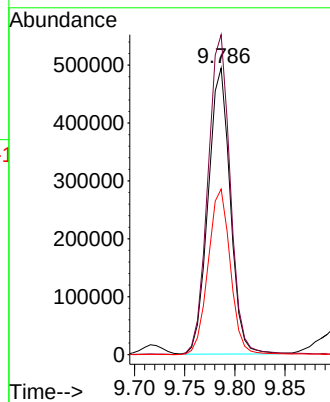
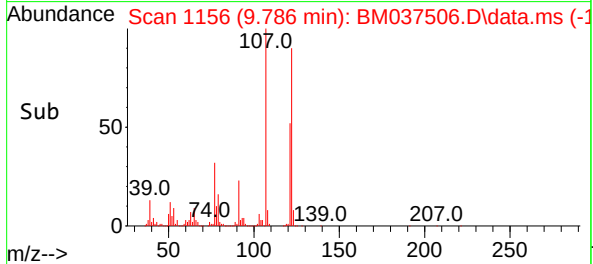
107 111.7 93.0 139.6

121 57.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.189 ng

RT: 10.022 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

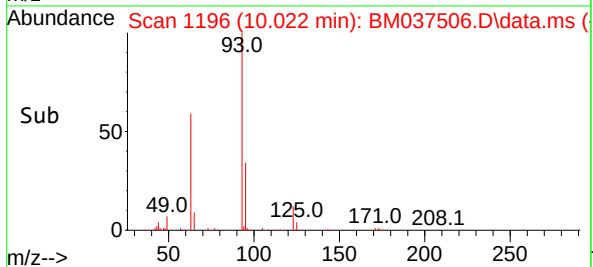
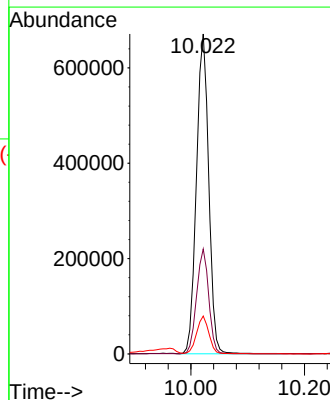
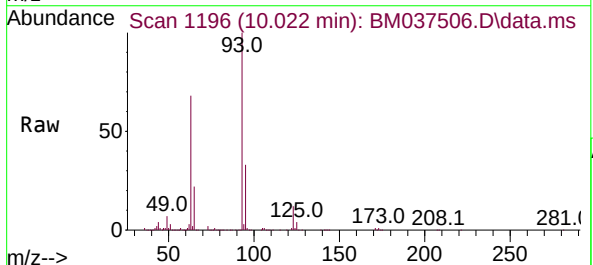
Tgt Ion: 93 Resp: 1001600

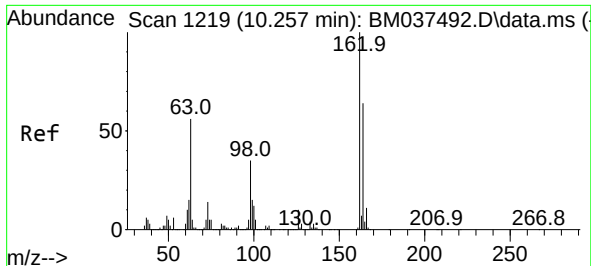
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

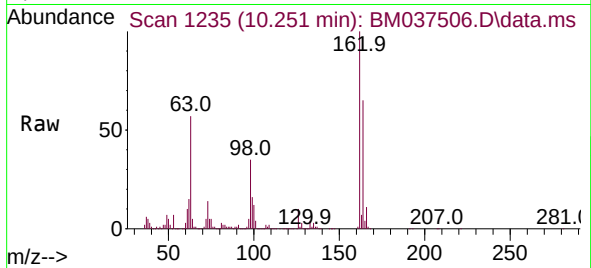
123 11.8 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 43.947 ng
RT: 10.251 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

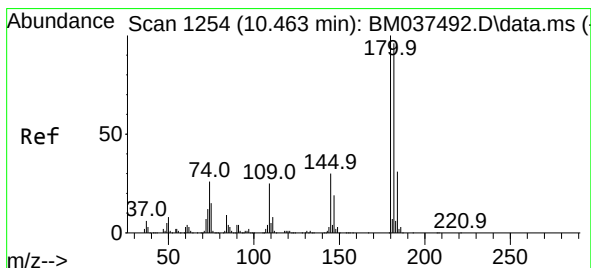
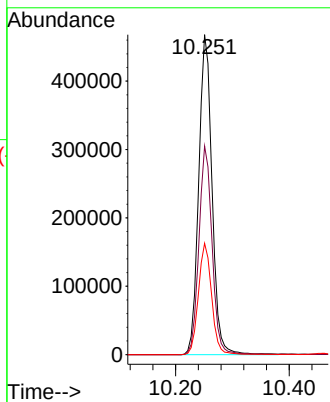
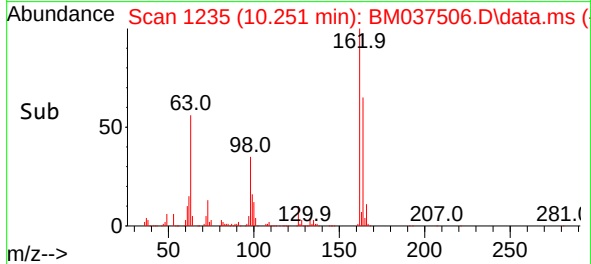
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:162 Resp: 760692
Ion Ratio Lower Upper
162 100
164 65.2 44.1 84.1
98 34.8 14.7 54.7

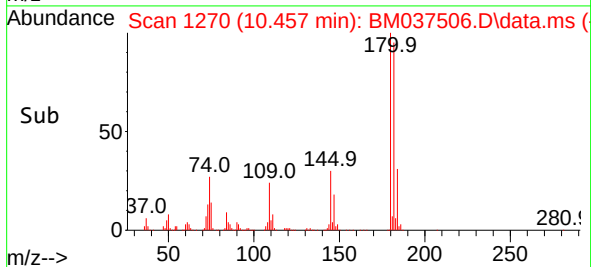
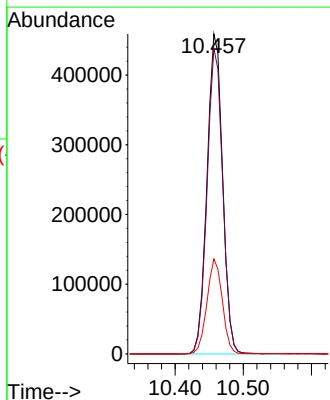
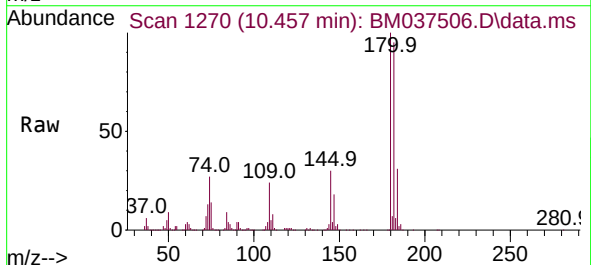
Manual Integrations
APPROVED

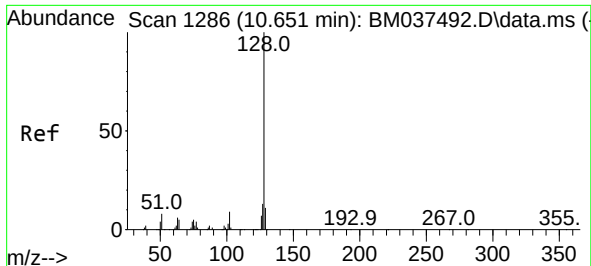
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.827 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

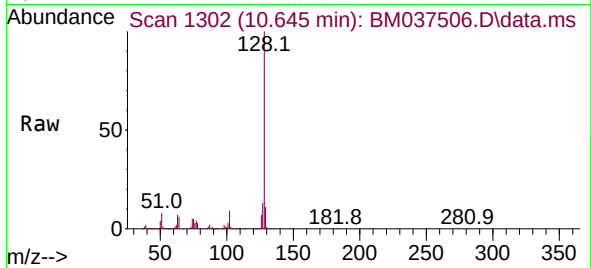
Tgt Ion:180 Resp: 730182
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.4
145 29.7 23.9 35.9





#31
Naphthalene
Concen: 38.686 ng
RT: 10.645 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

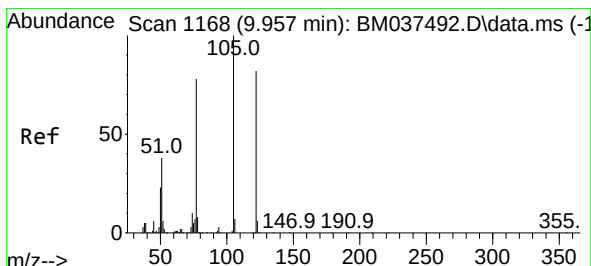
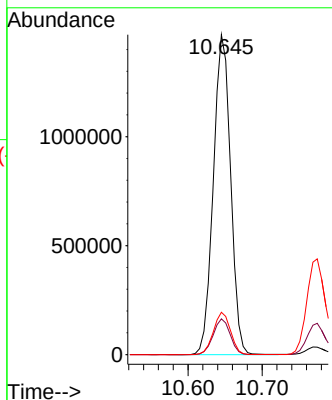
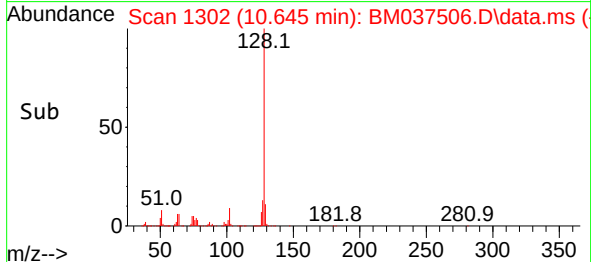
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:128 Resp: 2372728
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.4 15.6

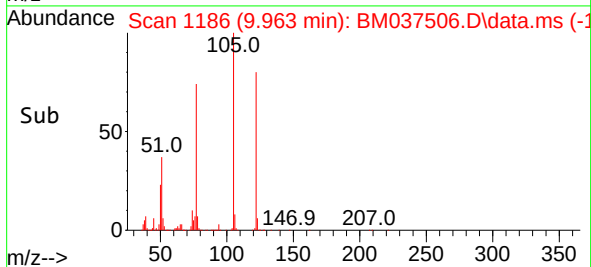
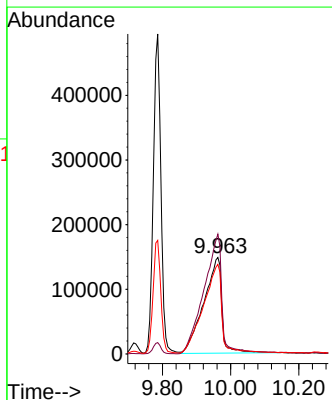
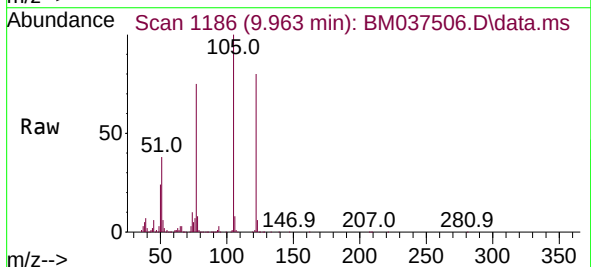
Manual Integrations
APPROVED

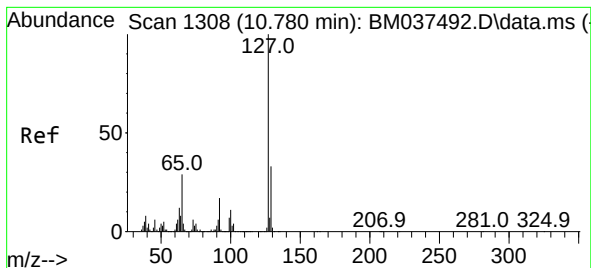
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#32
Benzoic acid
Concen: 39.629 ng
RT: 9.963 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

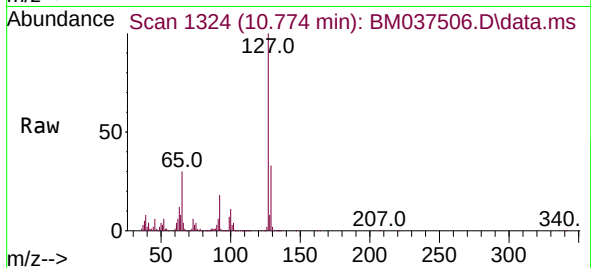
Tgt Ion:122 Resp: 551301
Ion Ratio Lower Upper
122 100
105 124.3 100.5 140.5
77 93.0 74.1 114.1





#33
4-Chloroaniline
Concen: 33.032 ng
RT: 10.774 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

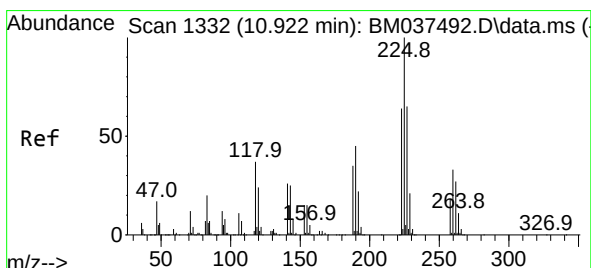
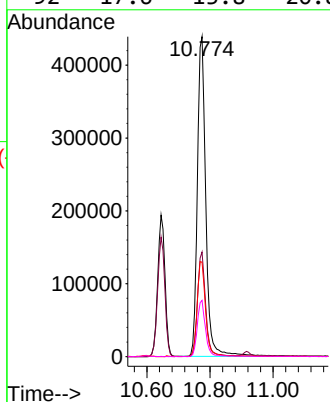
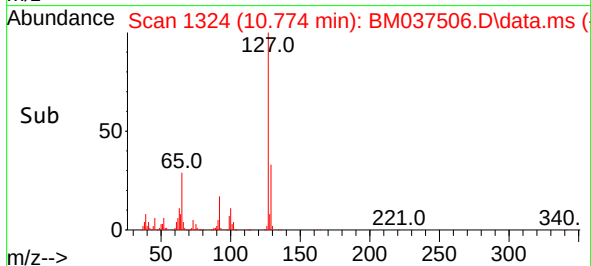
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:127 Resp: 818298
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 29.5 23.6 35.4
92 17.6 13.8 20.8

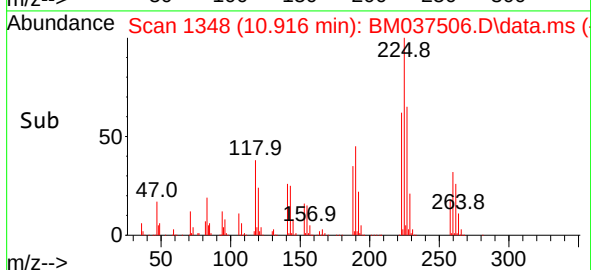
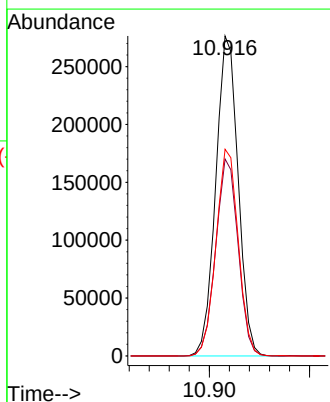
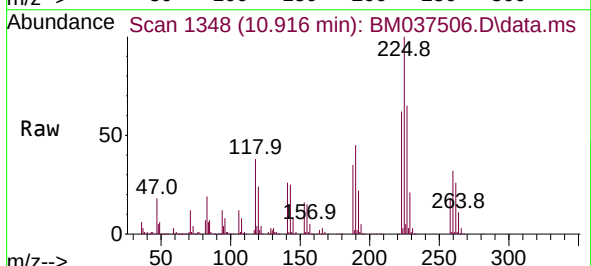
Manual Integrations
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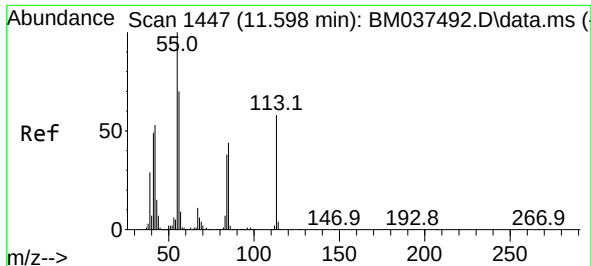
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 39.113 ng
RT: 10.916 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

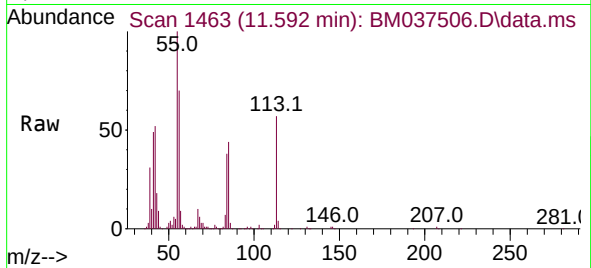
Tgt Ion:225 Resp: 428498
Ion Ratio Lower Upper
225 100
223 61.5 51.4 77.2
227 64.6 52.0 78.0





#35
Caprolactam
Concen: 40.696 ng m
RT: 11.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

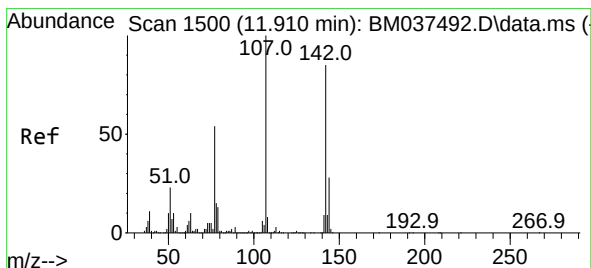
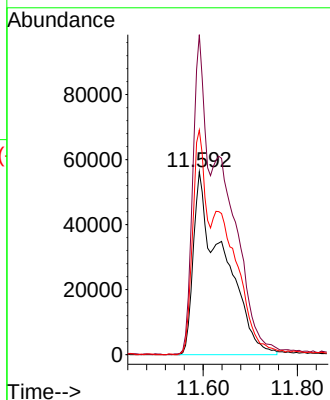
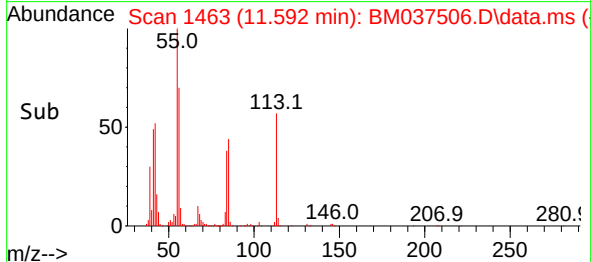
Instrument :
BNA_M
ClientSampleId :
PB148920BS



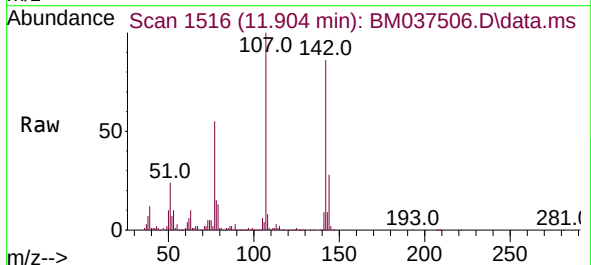
Tgt Ion:113 Resp: 246902
Ion Ratio Lower Upper
113 100
55 175.0 153.6 193.6
56 122.8 101.4 141.4

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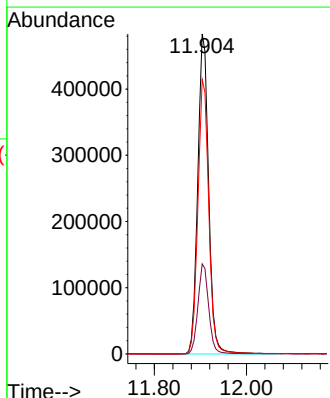
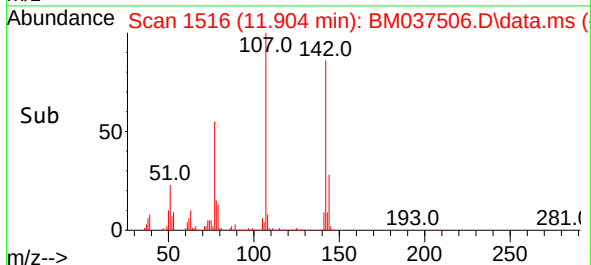
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

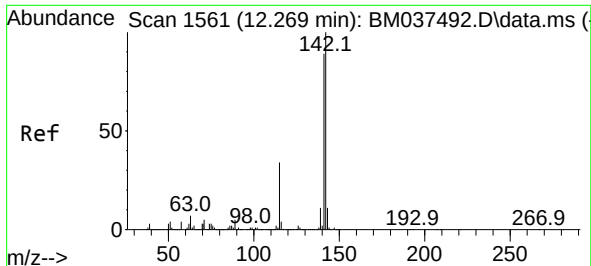


#36
4-Chloro-3-methylphenol
Concen: 41.996 ng
RT: 11.904 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



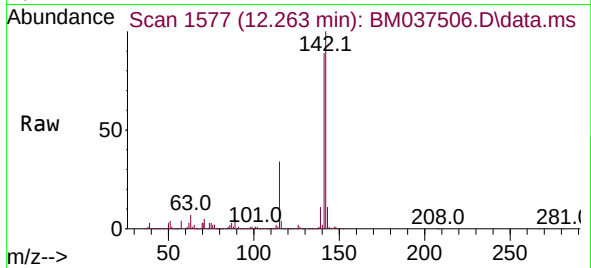
Tgt Ion:107 Resp: 789290
Ion Ratio Lower Upper
107 100
144 28.1 22.1 33.1
142 85.7 68.2 102.4





#37
2-Methylnaphthalene
Concen: 39.489 ng
RT: 12.263 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

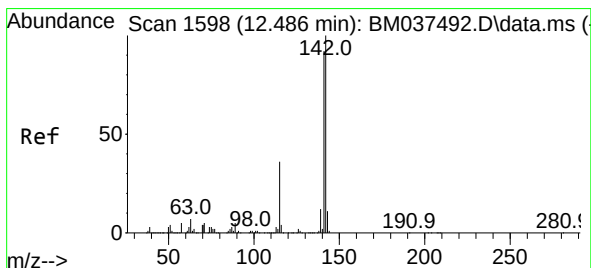
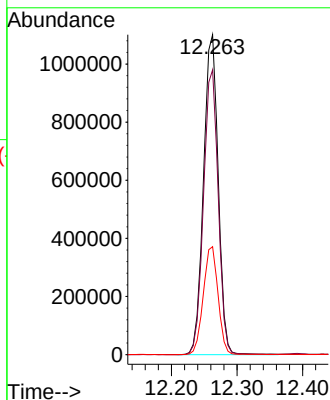
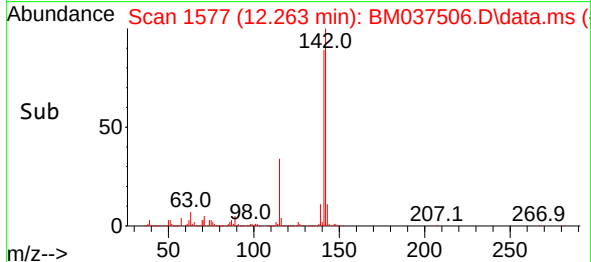
Instrument :
BNA_M
ClientSampleId :
PB148920BS



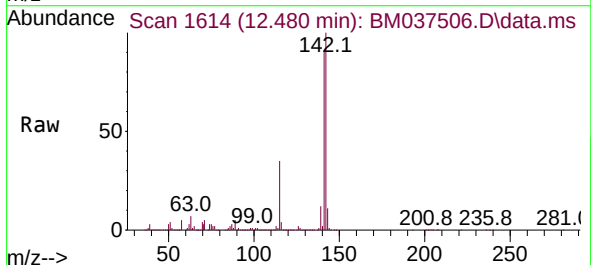
Tgt Ion:142 Resp: 1704458
Ion Ratio Lower Upper
142 100
141 89.0 71.5 107.3
115 33.7 26.9 40.3

Manual Integrations
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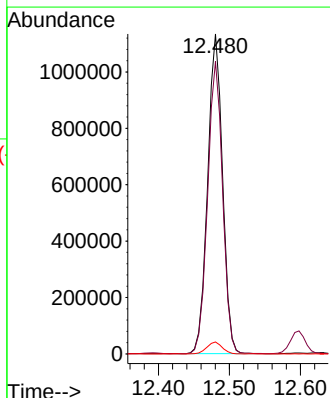
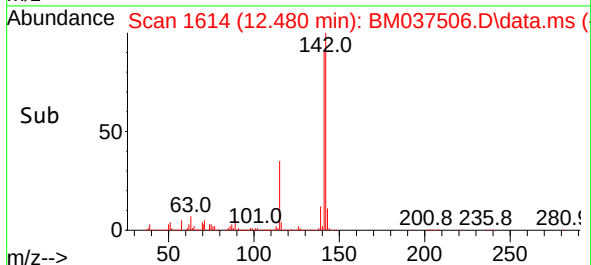
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

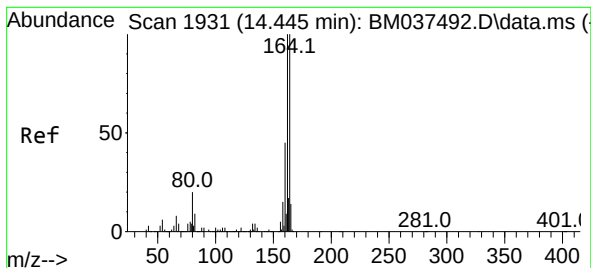


#38
1-Methylnaphthalene
Concen: 38.564 ng
RT: 12.480 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:142 Resp: 1654554
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS

Tgt Ion:164 Resp: 680799

Ion Ratio Lower Upper

164 100

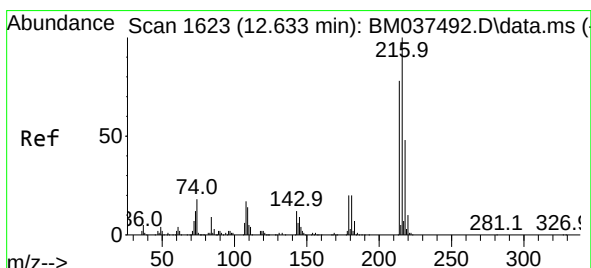
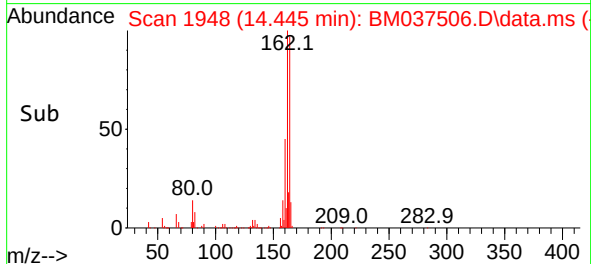
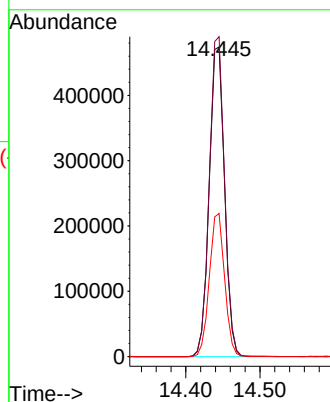
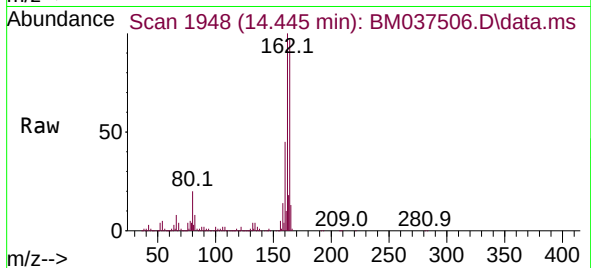
162 103.3 79.9 119.9

160 46.2 35.7 53.5

Manual Integrations

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Supervised By :mohammad ahmed 11/17/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.408 ng

RT: 12.627 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Tgt Ion:216 Resp: 858661

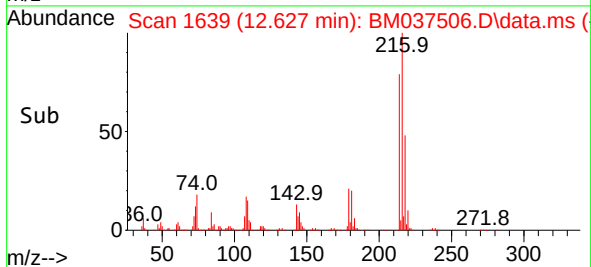
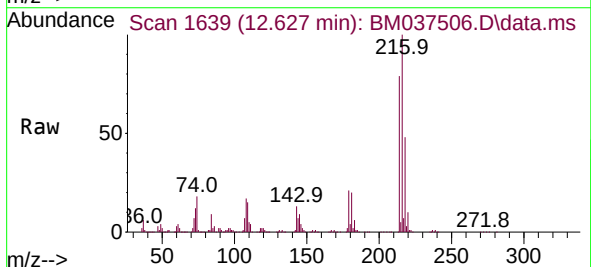
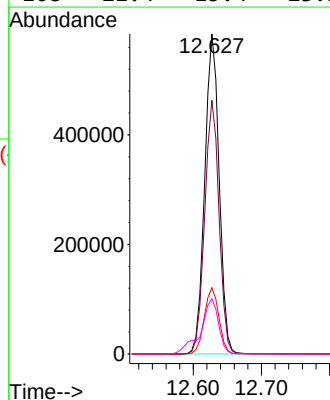
Ion Ratio Lower Upper

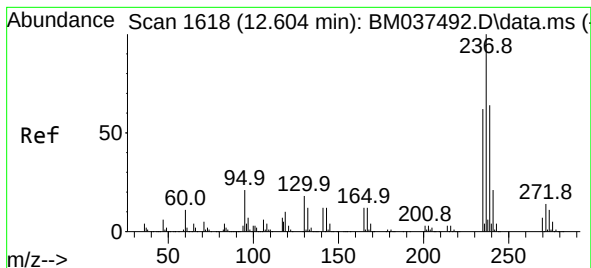
216 100

214 79.0 62.6 94.0

179 20.8 16.5 24.7

108 21.4 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 93.966 ng

RT: 12.598 min Scan# 10

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS

Tgt Ion:237 Resp: 950603

Ion Ratio Lower Upper

237 100

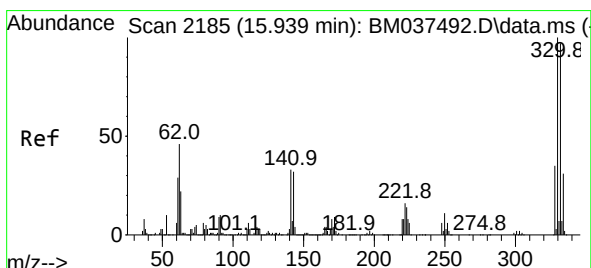
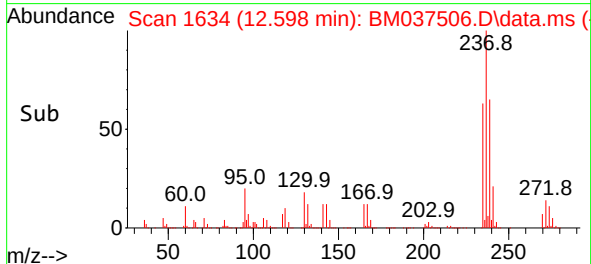
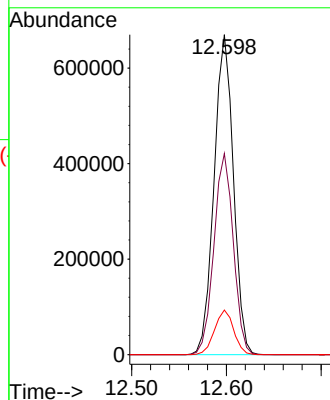
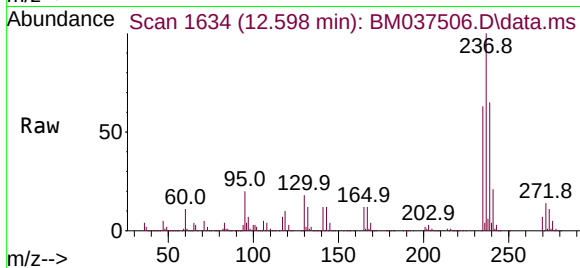
235 62.8 42.3 82.3

272 14.0 0.0 33.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#42

2,4,6-Tribromophenol

Concen: 140.700 ng

RT: 15.939 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

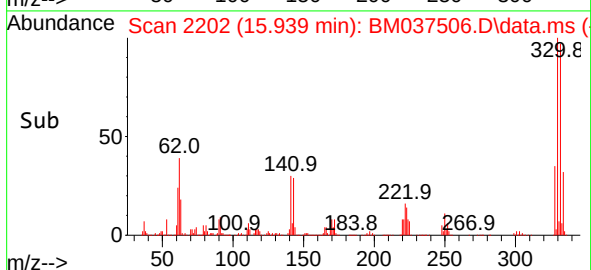
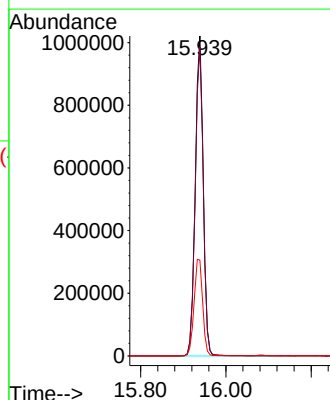
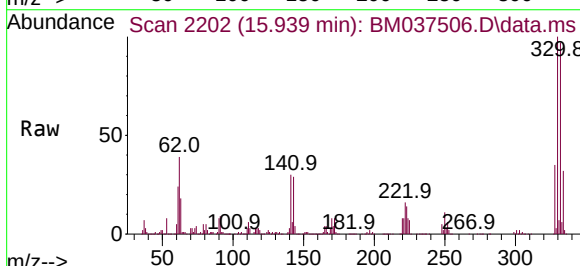
Tgt Ion:330 Resp: 1324480

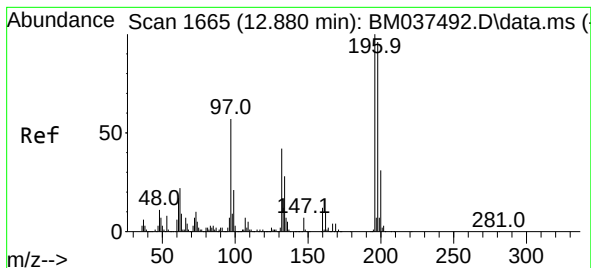
Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 32.6 26.2 39.2





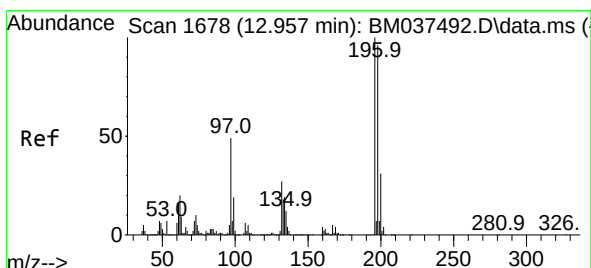
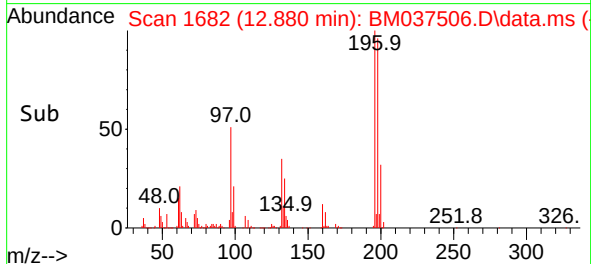
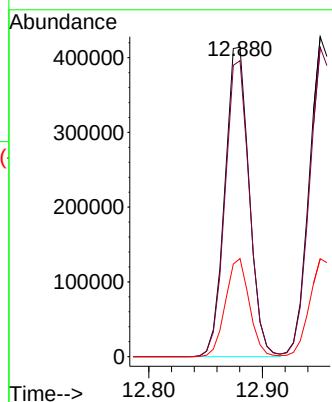
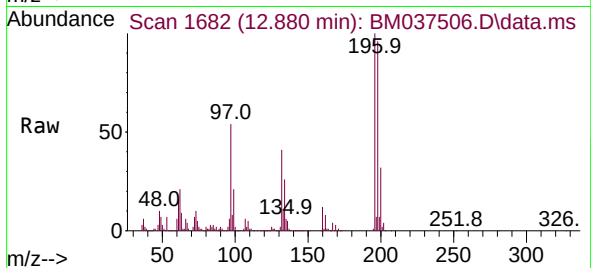
#43
2,4,6-Trichlorophenol
Concen: 42.927 ng
RT: 12.880 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion:196 Resp: 615702
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
200 31.7 24.5 36.7

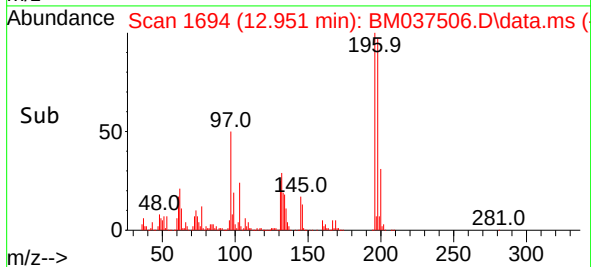
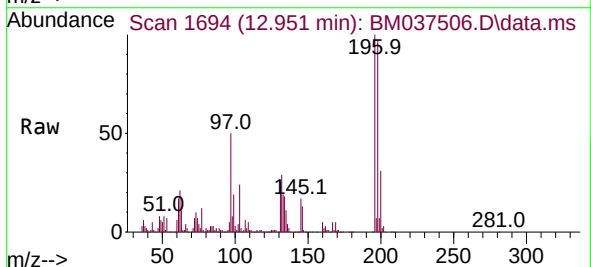
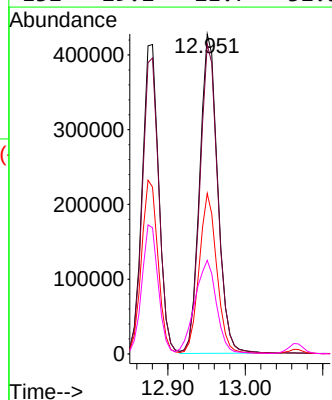
Manual Integrations
APPROVED

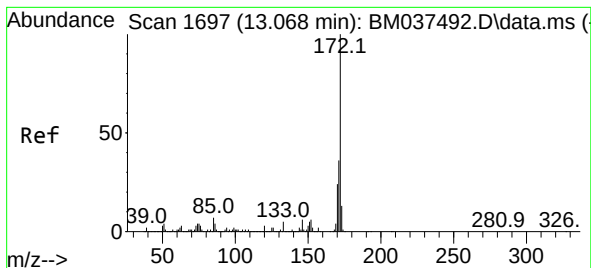
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#44
2,4,5-Trichlorophenol
Concen: 43.407 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion:196 Resp: 689334
Ion Ratio Lower Upper
196 100
198 96.7 76.4 114.6
97 50.1 39.3 58.9
132 29.2 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 82.264 ng
RT: 13.068 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

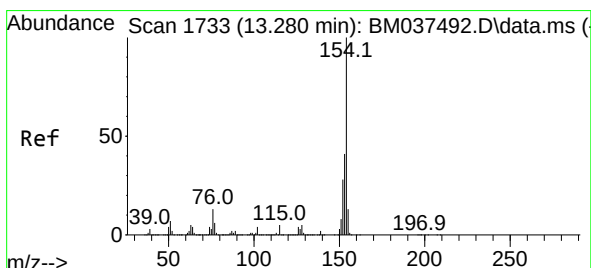
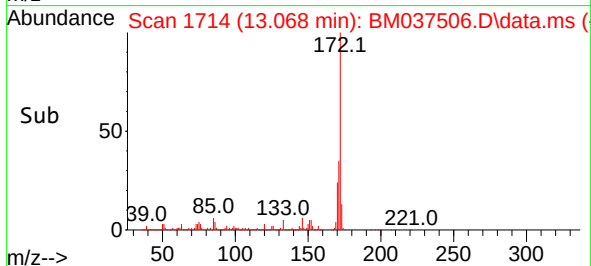
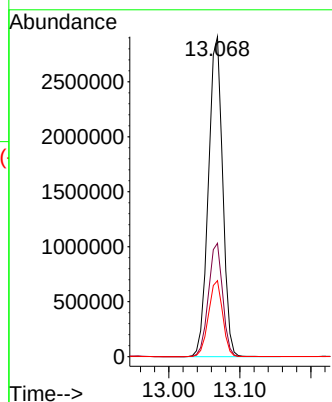
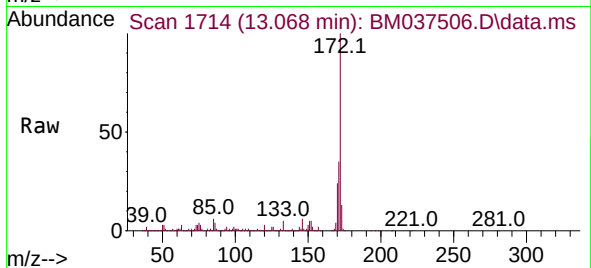
PB148920BS

Tgt Ion:172 Resp: 4029783
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 18.9 28.3

Manual Integrations

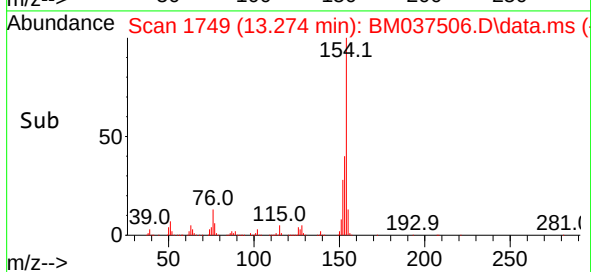
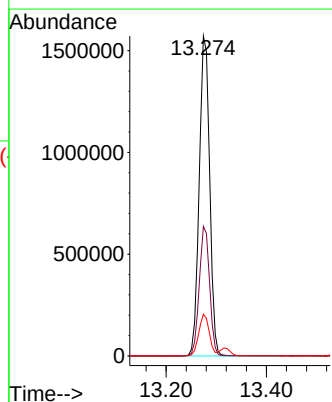
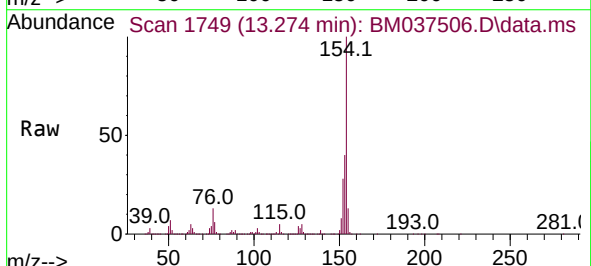
APPROVED

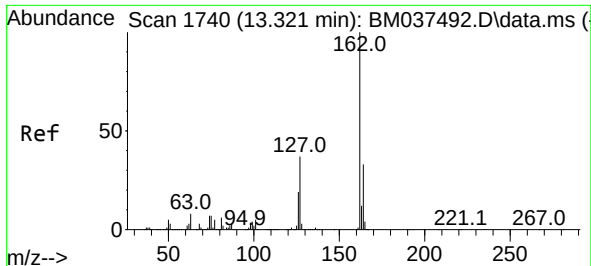
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#46
1,1'-Biphenyl
Concen: 42.990 ng
RT: 13.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion:154 Resp: 2266435
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 13.0 0.0 33.3





#47
2-Chloronaphthalene
Concen: 41.041 ng
RT: 13.315 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

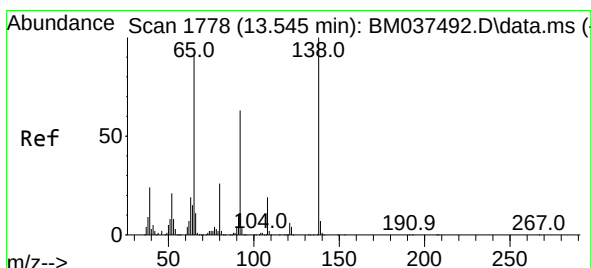
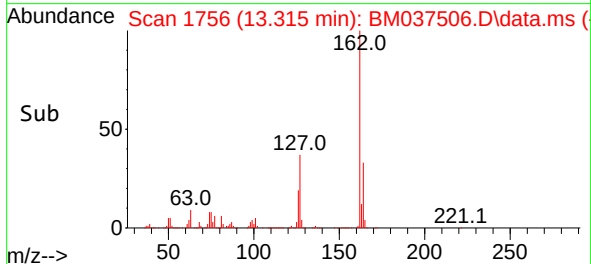
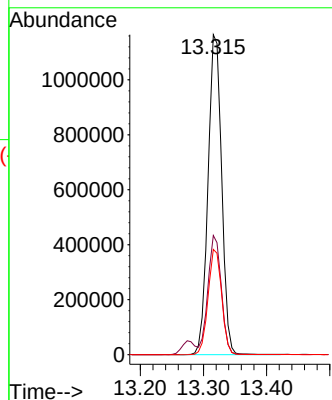
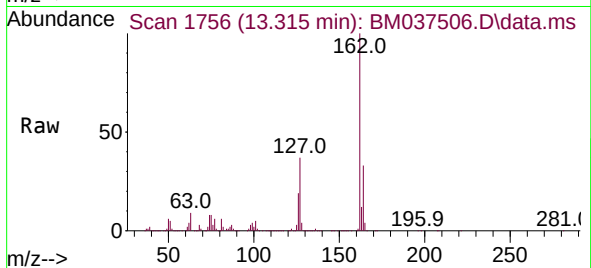
PB148920BS

Tgt Ion:162 Resp: 1740039
Ion Ratio Lower Upper
162 100
127 37.2 29.8 44.8
164 32.9 26.3 39.5

Manual Integrations

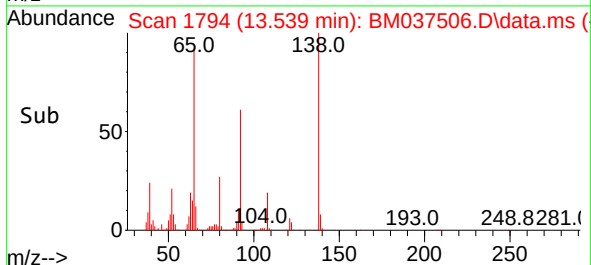
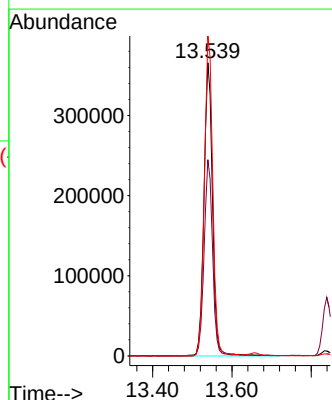
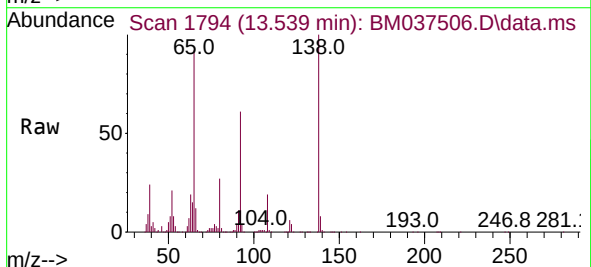
APPROVED

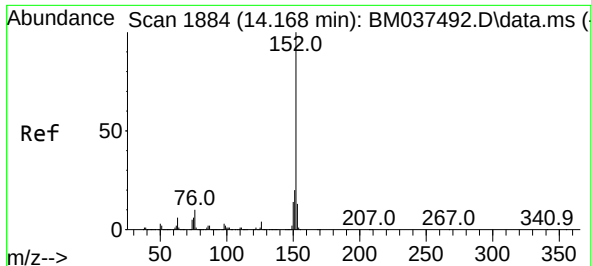
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 41.977 ng
RT: 13.539 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

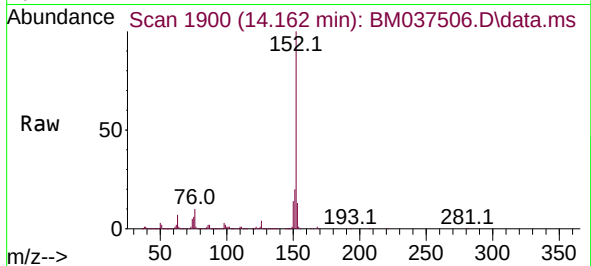
Tgt Ion: 65 Resp: 548114
Ion Ratio Lower Upper
65 100
92 66.9 55.0 82.4
138 109.2 87.5 131.3





#49
Acenaphthylene
Concen: 40.828 ng
RT: 14.162 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

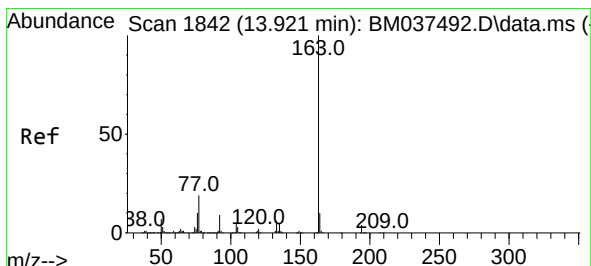
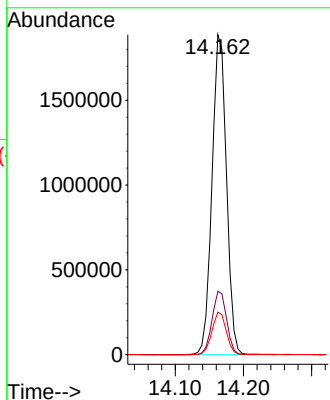
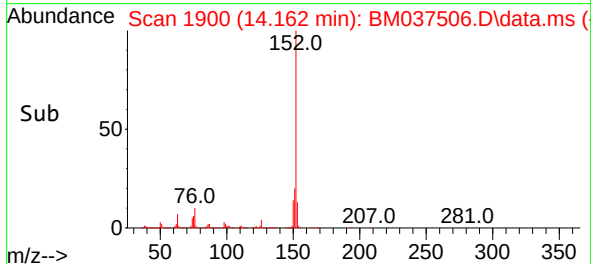
Instrument :
BNA_M
ClientSampleId :
PB148920BS



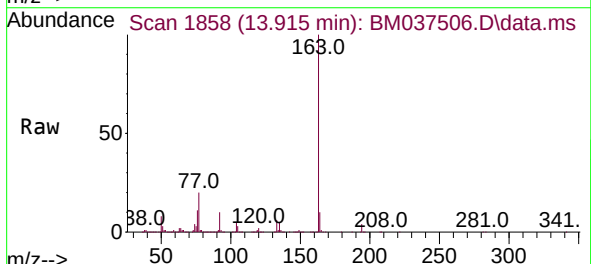
Tgt Ion:152 Resp: 2772524
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.6 16.0

Manual Integrations
APPROVED

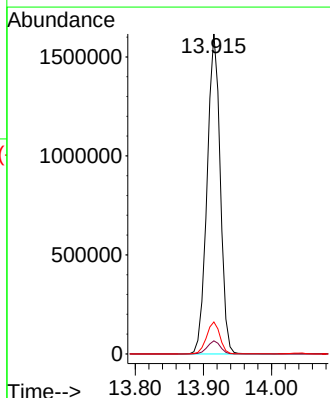
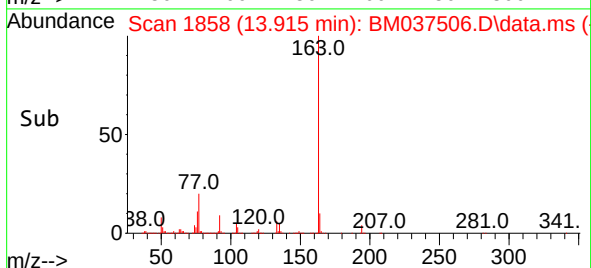
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

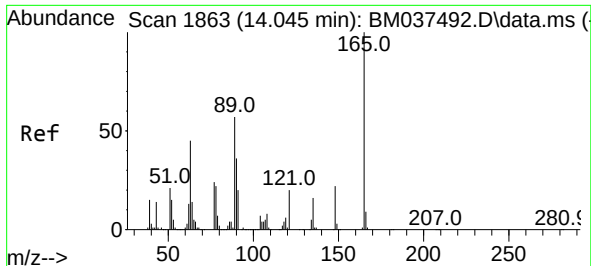


#50
Dimethylphthalate
Concen: 39.623 ng
RT: 13.915 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:163 Resp: 2159064
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 7.9 11.9





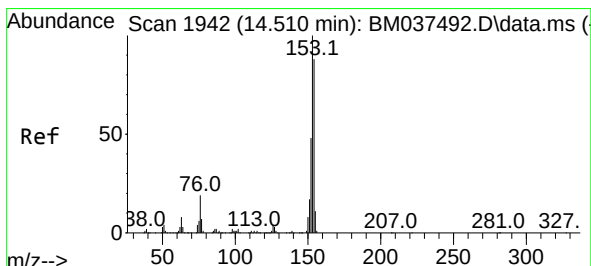
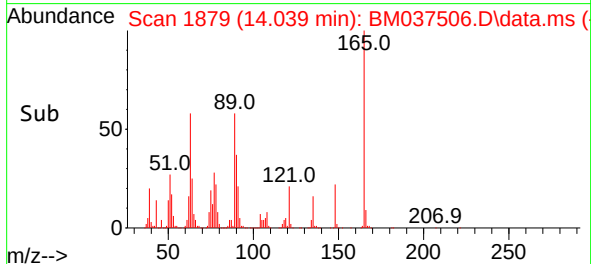
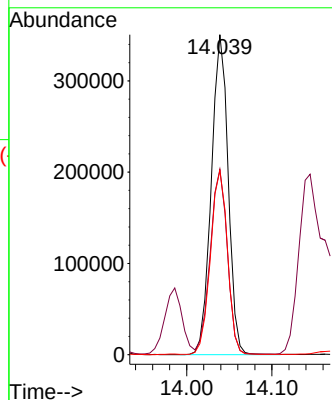
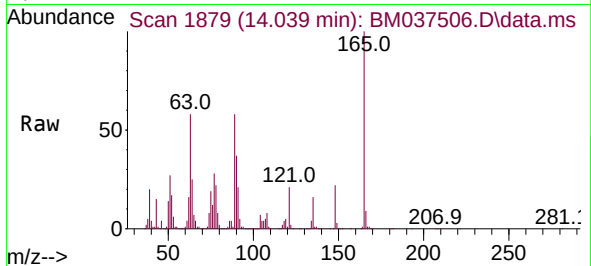
#51
2,6-Dinitrotoluene
Concen: 41.150 ng
RT: 14.039 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion:165 Resp: 481793
Ion Ratio Lower Upper
165 100
63 57.9 46.2 69.2
89 57.6 45.4 68.2

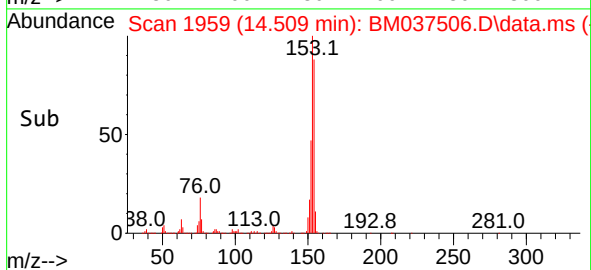
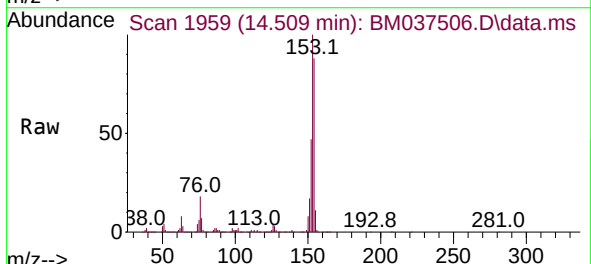
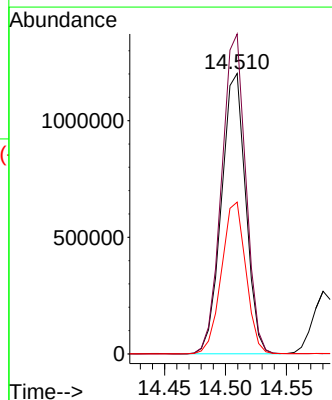
Manual Integrations
APPROVED

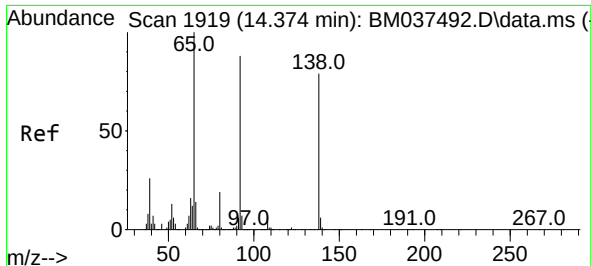
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#52
Acenaphthene
Concen: 40.271 ng
RT: 14.509 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

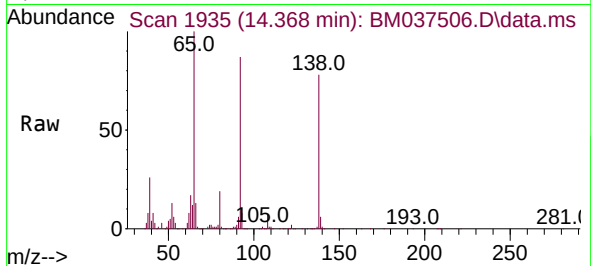
Tgt Ion:154 Resp: 1669291
Ion Ratio Lower Upper
154 100
153 114.1 90.8 136.2
152 54.1 43.3 64.9





#53
3-Nitroaniline
Concen: 33.225 ng
RT: 14.368 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

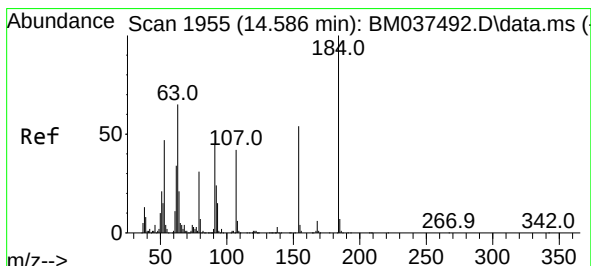
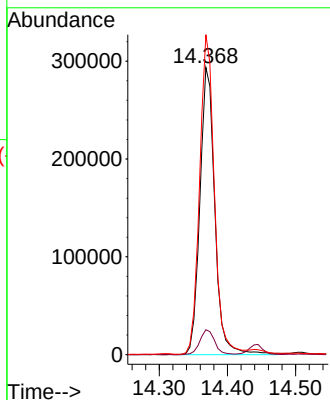
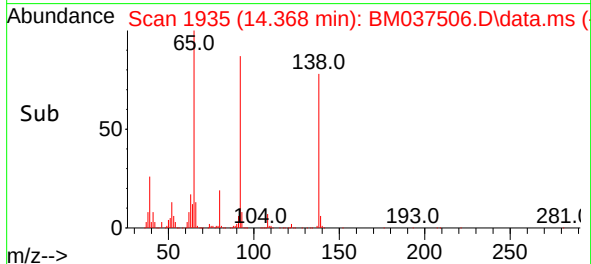
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:138 Resp: 447833
Ion Ratio Lower Upper
138 100
108 8.7 7.2 10.8
92 111.4 89.0 133.6

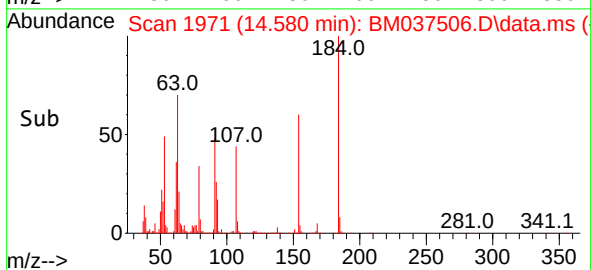
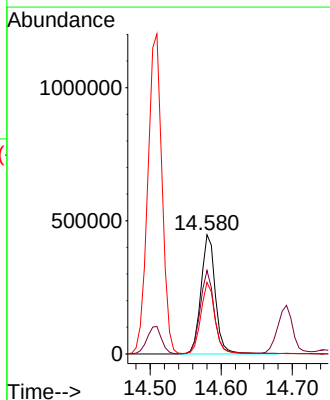
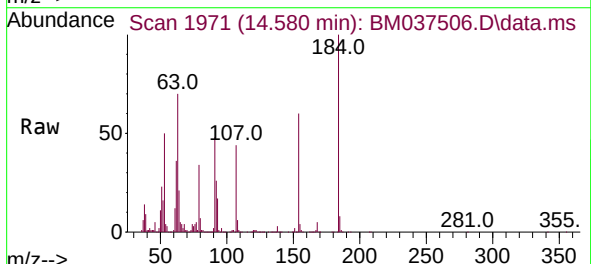
Manual Integrations
APPROVED

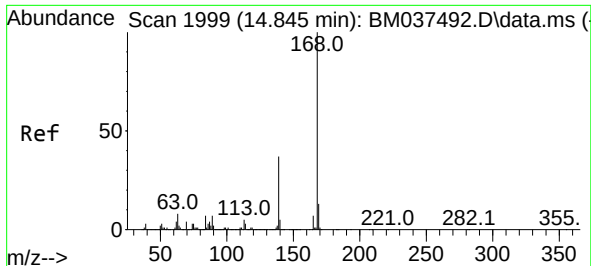
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 77.706 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

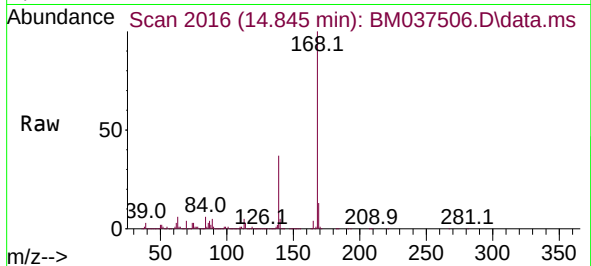
Tgt Ion:184 Resp: 625857
Ion Ratio Lower Upper
184 100
63 70.0 52.2 78.4
154 60.0 48.2 72.2





#55
Dibenzenofuran
Concen: 39.966 ng
RT: 14.845 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

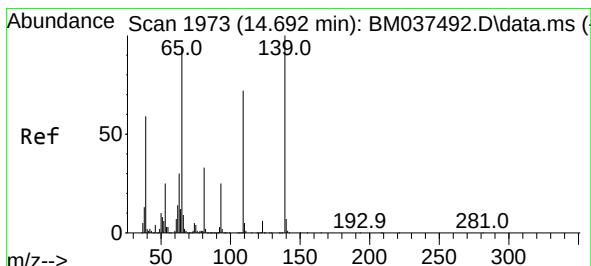
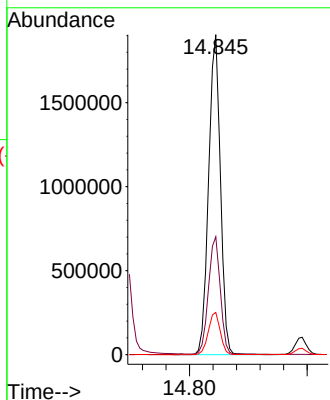
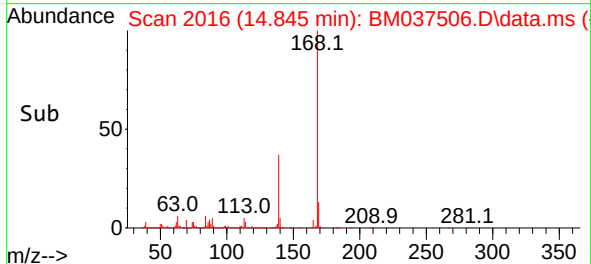
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:168 Resp: 264908
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 13.2 10.8 16.2

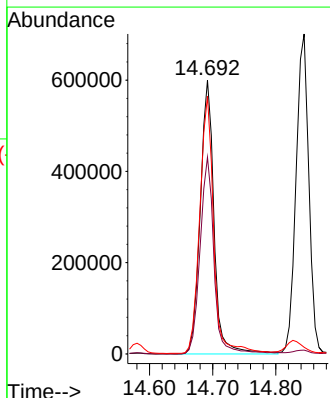
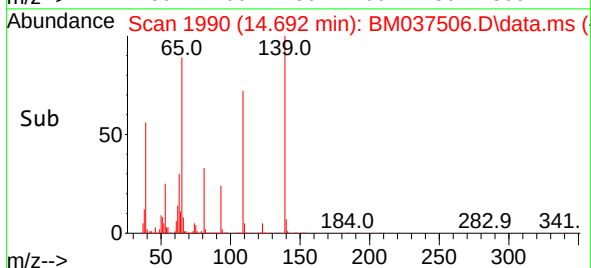
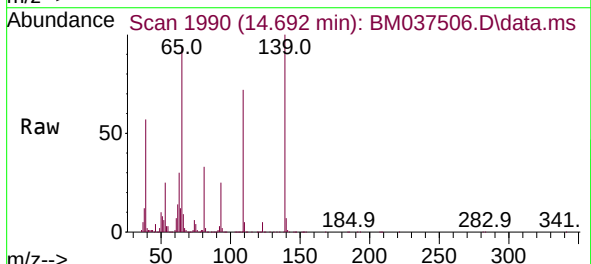
Manual Integrations
APPROVED

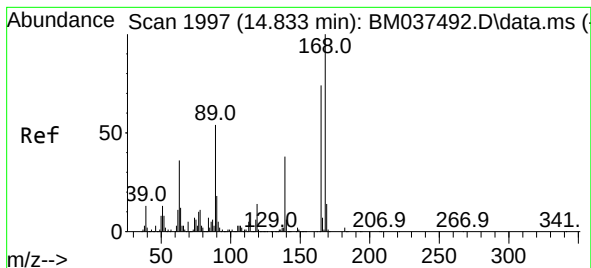
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#56
4-Nitrophenol
Concen: 79.082 ng
RT: 14.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

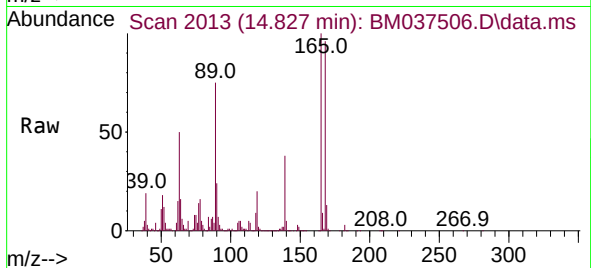
Tgt Ion:139 Resp: 907278
Ion Ratio Lower Upper
139 100
109 71.9 52.1 92.1
65 94.2 74.4 114.4





#57
2,4-Dinitrotoluene
Concen: 42.017 ng
RT: 14.827 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

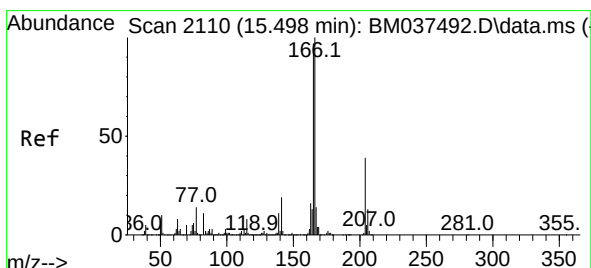
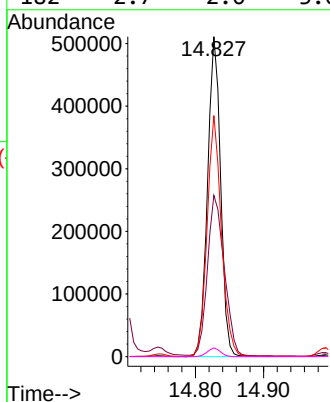
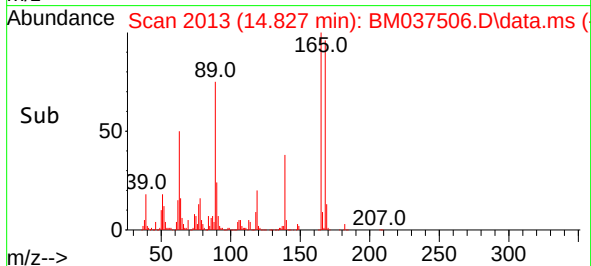
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:165 Resp: 681038
Ion Ratio Lower Upper
165 100
63 50.4 39.5 59.3
89 75.3 58.4 87.6
182 2.7 2.0 3.0

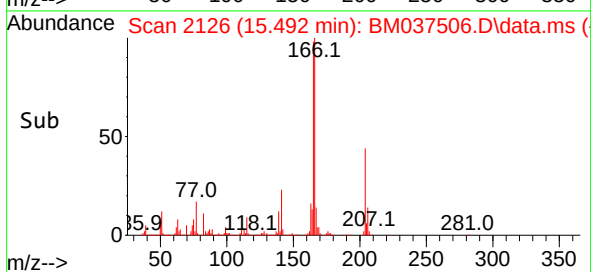
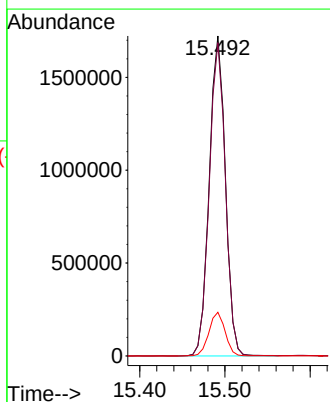
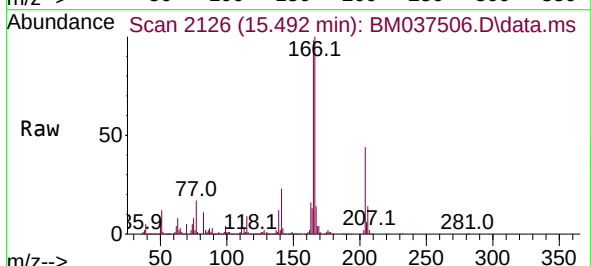
Manual Integrations
APPROVED

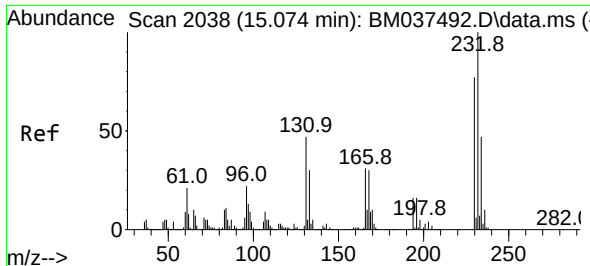
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#58
Fluorene
Concen: 40.350 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

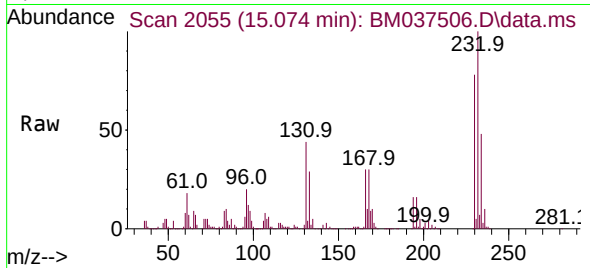
Tgt Ion:166 Resp: 2268075
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.635 ng
RT: 15.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

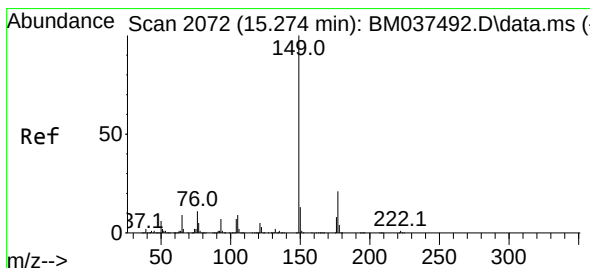
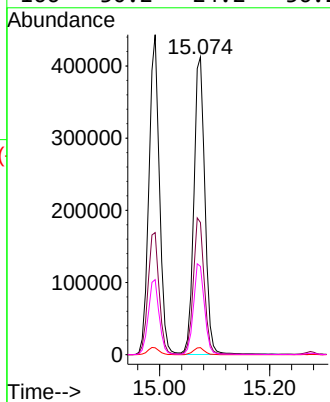
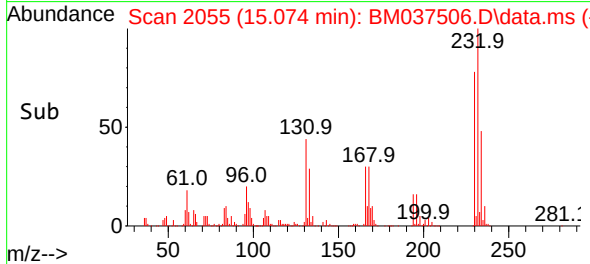
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:232 Resp: 574188
Ion Ratio Lower Upper
232 100
131 45.4 36.0 54.0
130 2.3 1.9 2.9
166 30.2 24.2 36.2

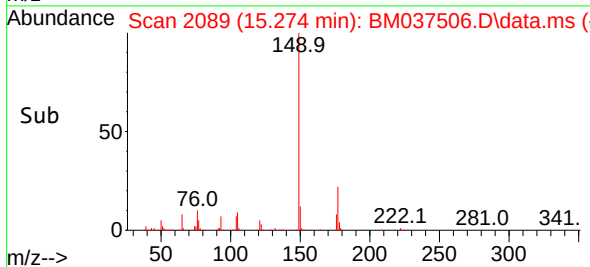
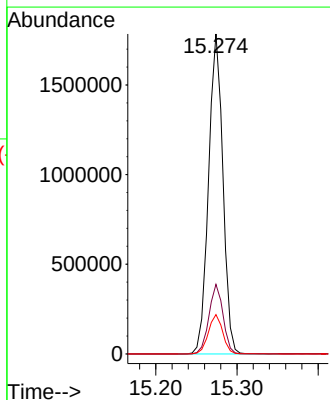
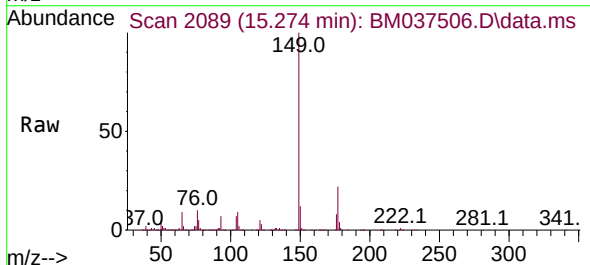
Manual Integrations
APPROVED

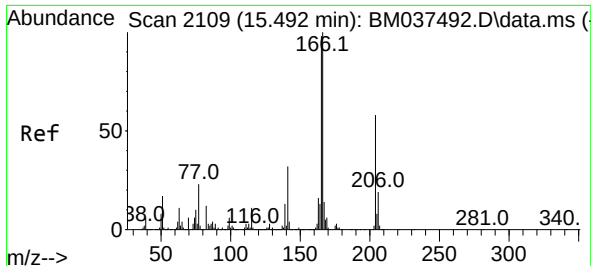
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#60
Diethylphthalate
Concen: 39.524 ng
RT: 15.274 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

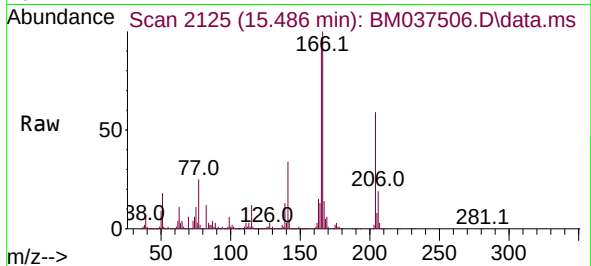
Tgt Ion:149 Resp: 2196008
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.4
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.687 ng
RT: 15.486 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

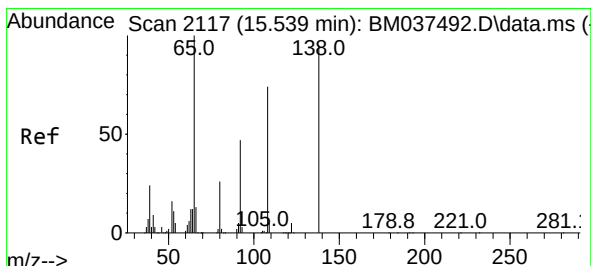
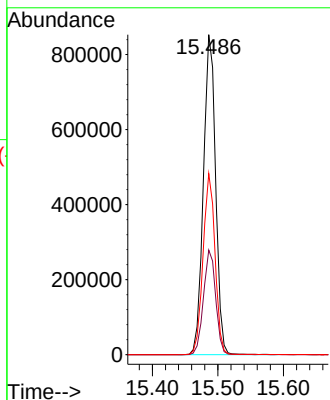
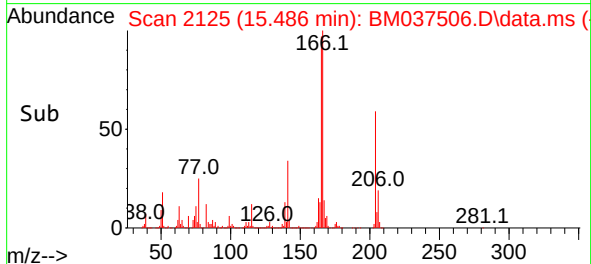
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:204 Resp: 1094929
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 56.6 43.6 65.4

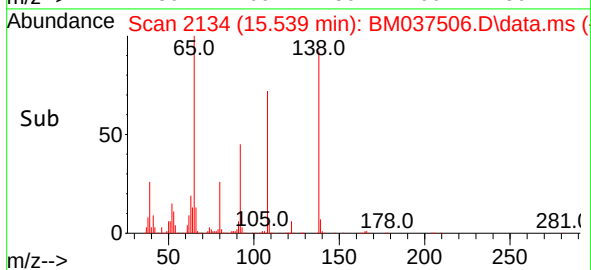
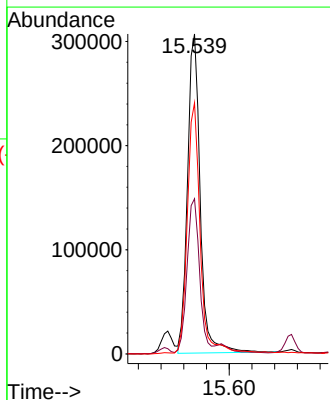
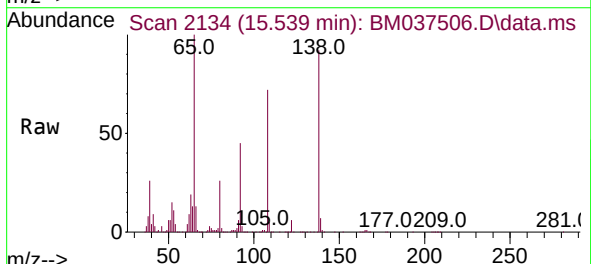
Manual Integrations
APPROVED

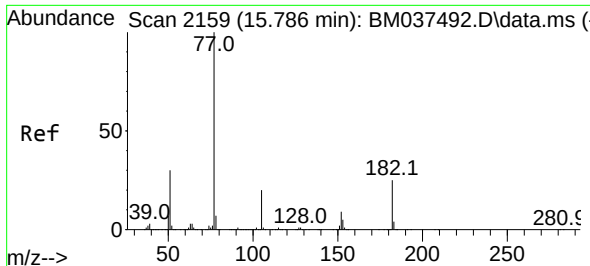
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#62
4-Nitroaniline
Concen: 36.625 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

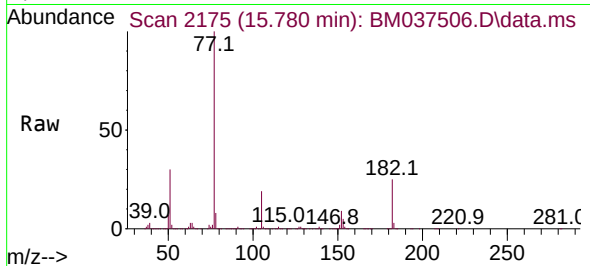
Tgt Ion:138 Resp: 477031
Ion Ratio Lower Upper
138 100
92 48.5 28.9 68.9
108 78.4 56.8 96.8





#63
Azobenzene
Concen: 40.603 ng
RT: 15.780 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

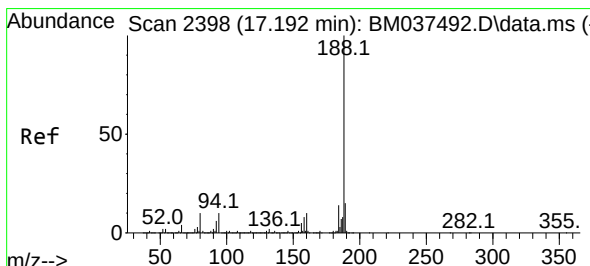
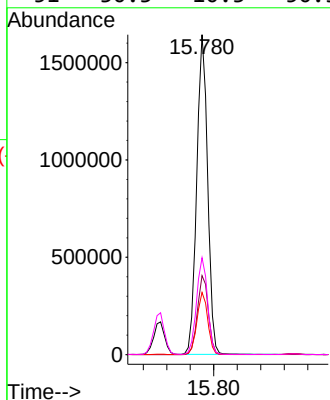
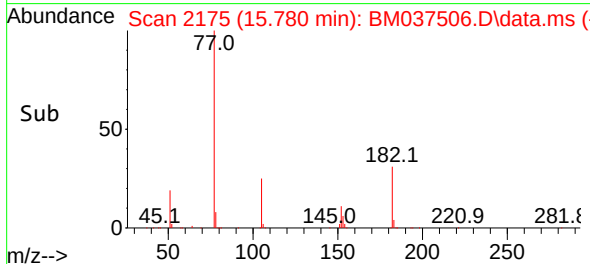
Instrument :
BNA_M
ClientSampleId :
PB148920BS



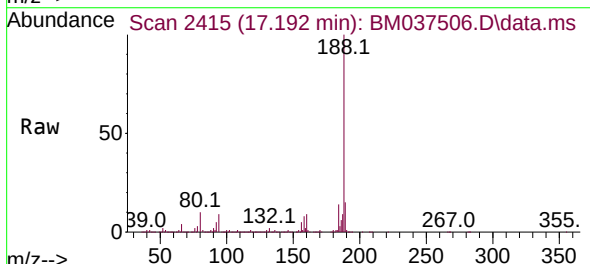
Tgt Ion: 77 Resp: 2111146
Ion Ratio Lower Upper
77 100
182 24.7 5.0 45.0
105 19.4 0.0 39.6
51 30.3 10.3 50.3

Manual Integrations
APPROVED

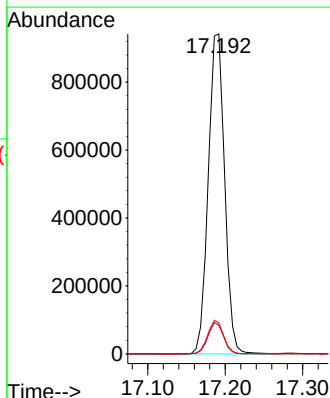
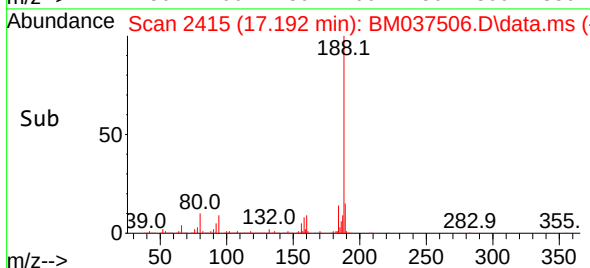
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

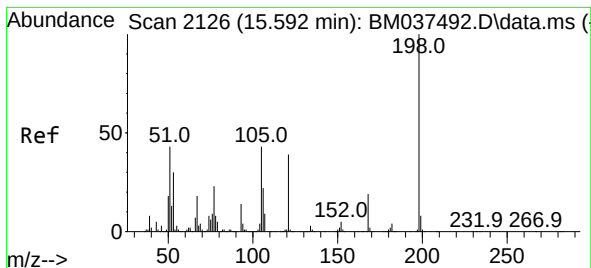


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:188 Resp: 1381186
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.7 8.2 12.4





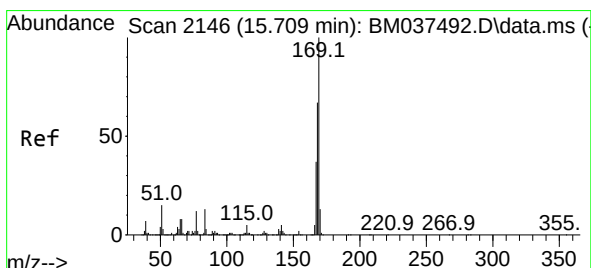
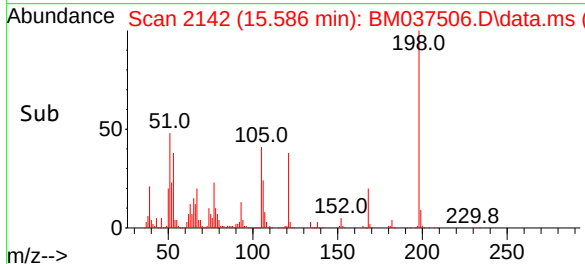
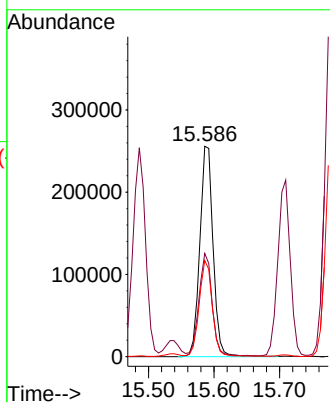
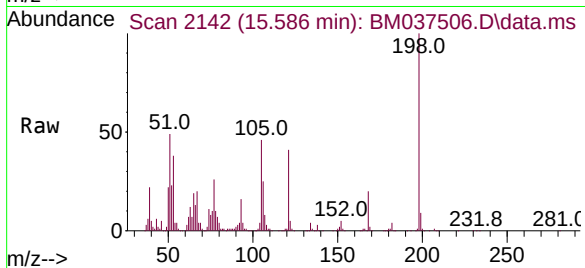
#65
4,6-Dinitro-2-methylphenol
Concen: 38.289 ng
RT: 15.586 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion:198 Resp: 35657
Ion Ratio Lower Upper
198 100
51 49.0 26.3 66.3
105 45.6 23.8 63.8

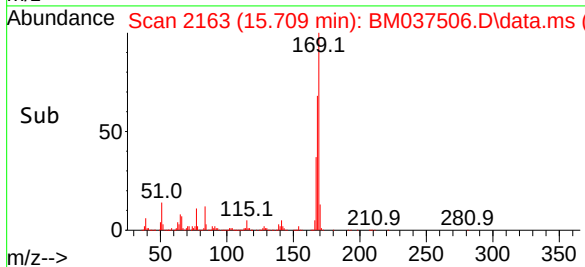
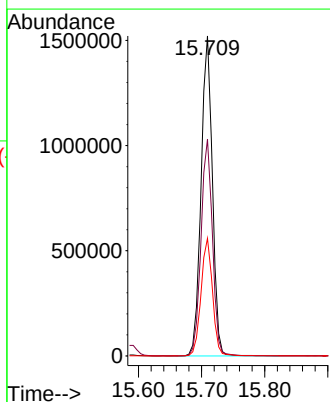
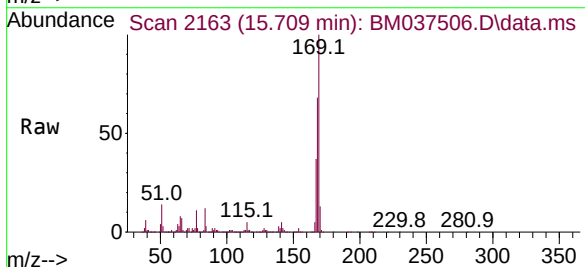
Manual Integrations
APPROVED

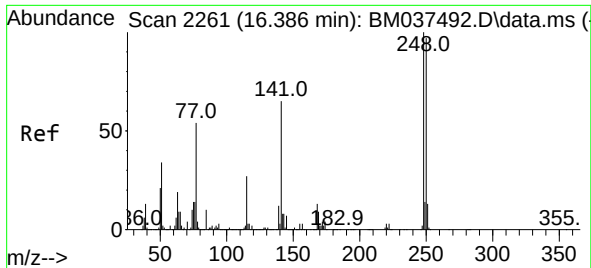
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 42.542 ng
RT: 15.709 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

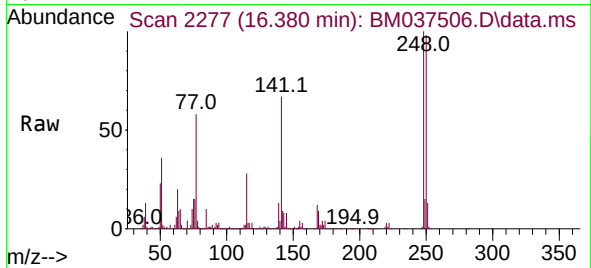
Tgt Ion:169 Resp: 1885036
Ion Ratio Lower Upper
169 100
168 67.7 53.9 80.9
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.167 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

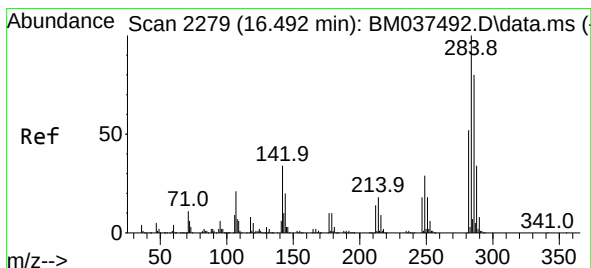
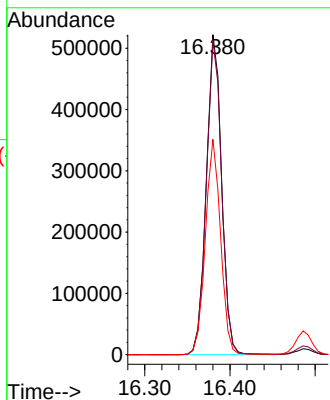
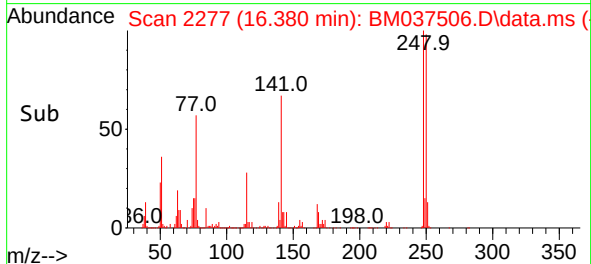
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:248 Resp: 651868
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 67.3 52.2 78.2

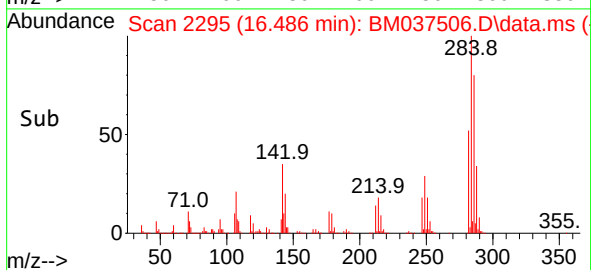
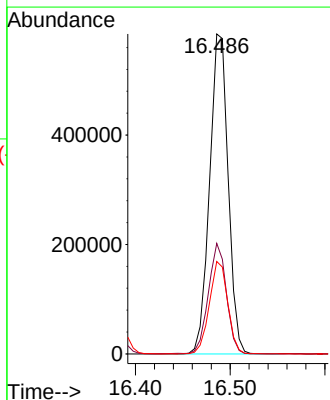
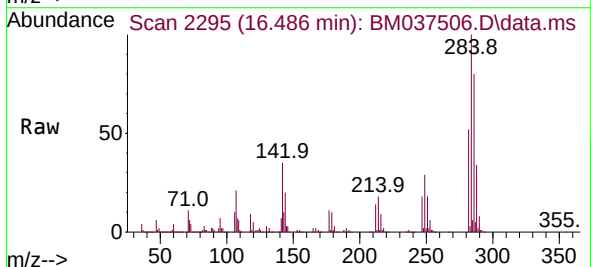
Manual Integrations
APPROVED

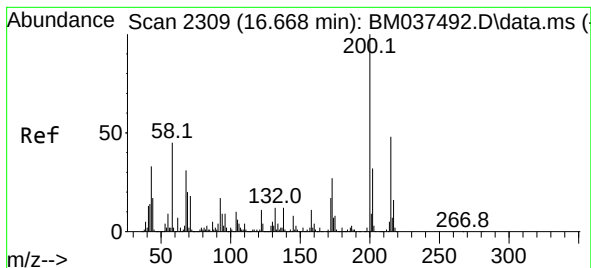
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#68
Hexachlorobenzene
Concen: 41.277 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion:284 Resp: 796145
Ion Ratio Lower Upper
284 100
142 34.6 26.9 40.3
249 28.9 22.9 34.3





#69

Atrazine

Concen: 45.234 ng

RT: 16.668 min Scan# 2309

Delta R.T. -0.000 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS

Tgt Ion:200 Resp: 557779

Ion Ratio Lower Upper

200 100

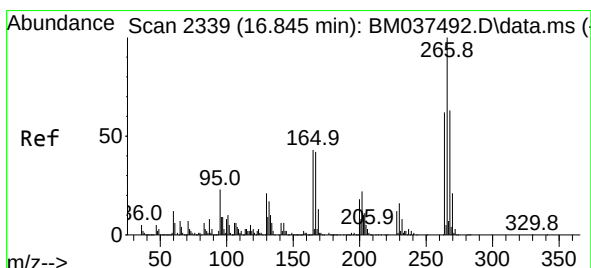
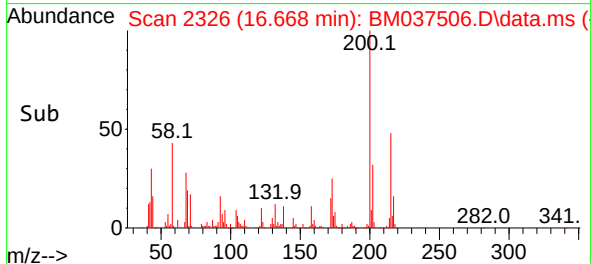
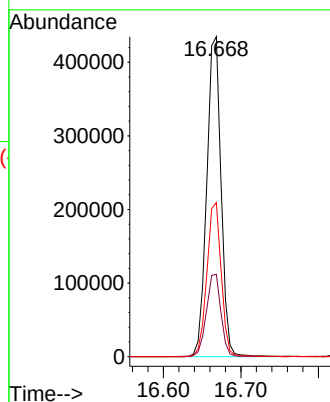
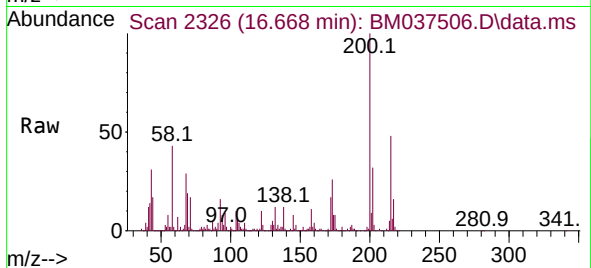
173 25.7 6.5 46.5

215 48.1 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#70

Pentachlorophenol

Concen: 92.560 ng

RT: 16.845 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

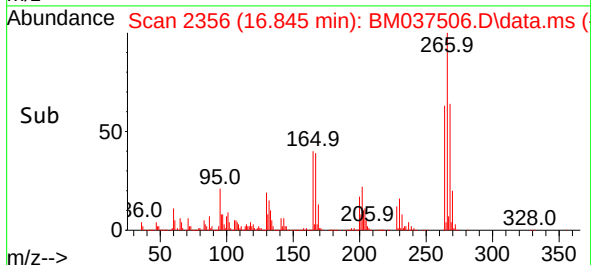
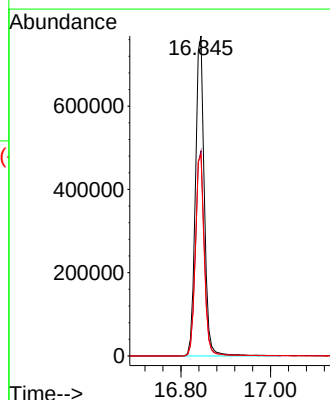
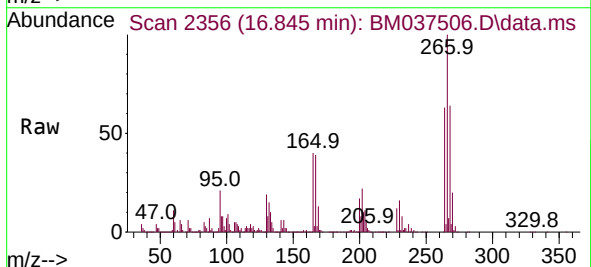
Tgt Ion:266 Resp: 1051066

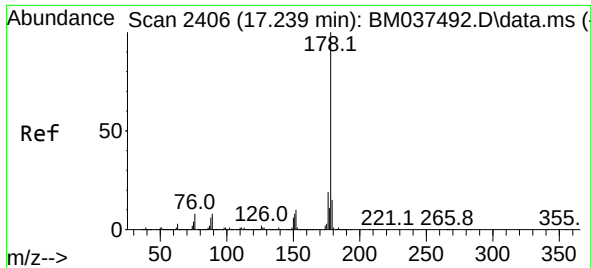
Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

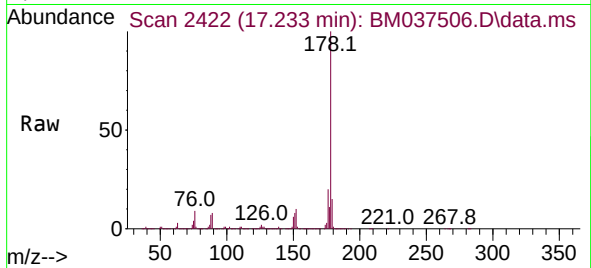
264 62.8 49.5 74.3





#71
Phenanthrene
Concen: 39.971 ng
RT: 17.233 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

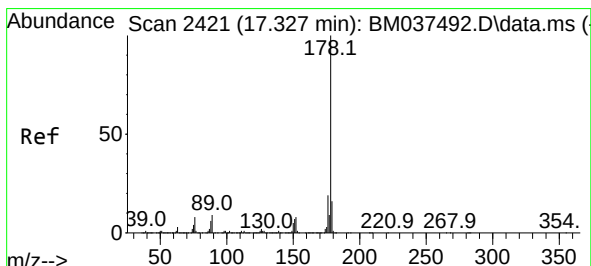
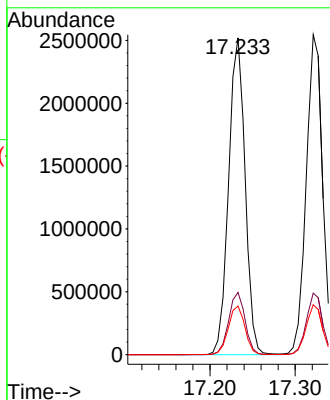
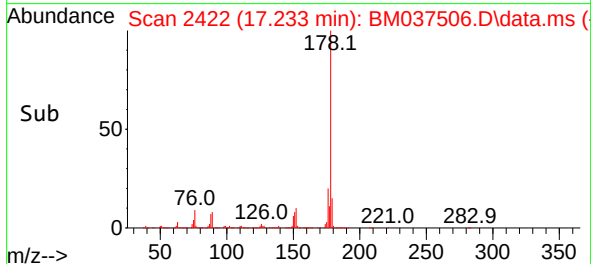
Instrument :
BNA_M
ClientSampleId :
PB148920BS



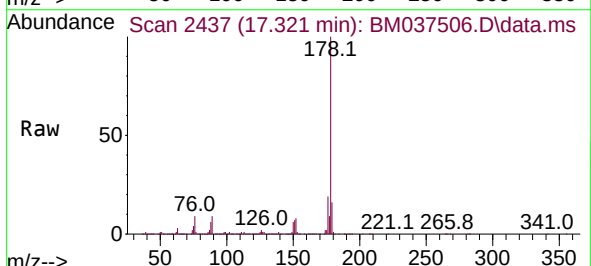
Tgt Ion:178 Resp: 3388999
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.2 18.4

Manual Integrations
APPROVED

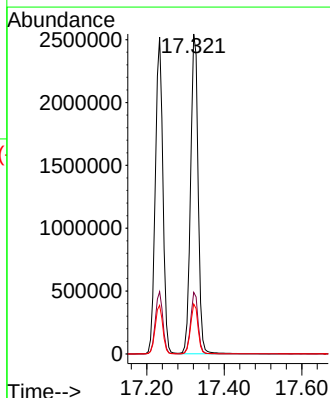
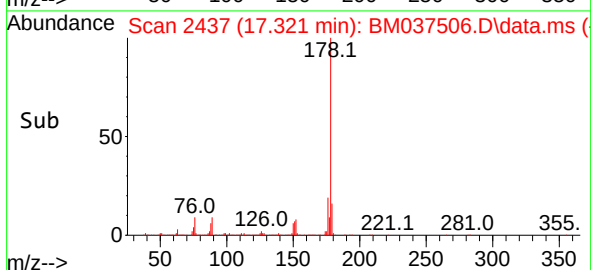
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

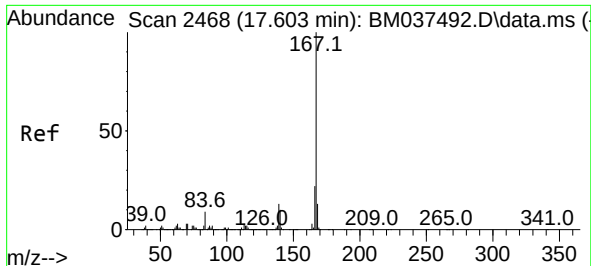


#72
Anthracene
Concen: 42.144 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



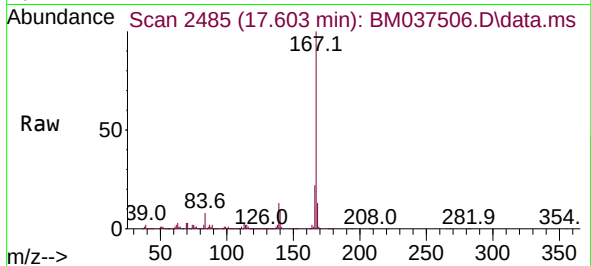
Tgt Ion:178 Resp: 3426493
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 42.104 ng
 RT: 17.603 min Scan# 2468
 Delta R.T. -0.000 min
 Lab File: BM037506.D
 Acq: 14 Nov 2022 17:25

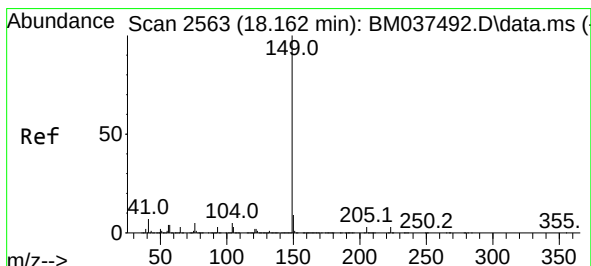
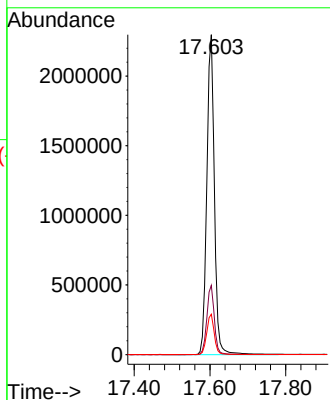
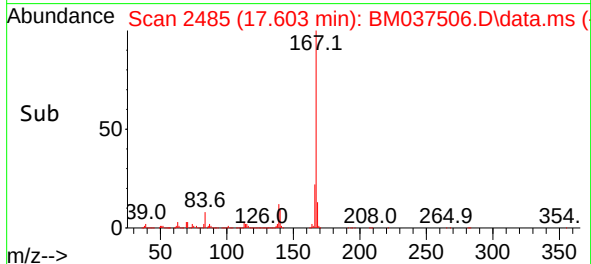
Instrument :
 BNA_M
 ClientSampleId :
 PB148920BS



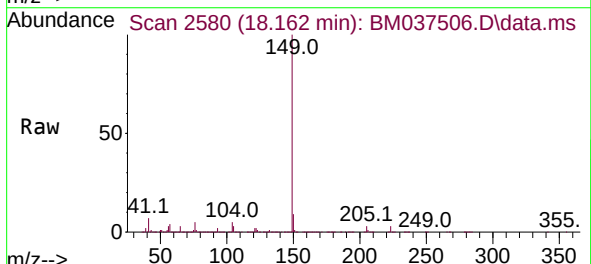
Tgt Ion:167 Resp: 3200679
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.6 10.2 15.2

Manual Integrations
 APPROVED

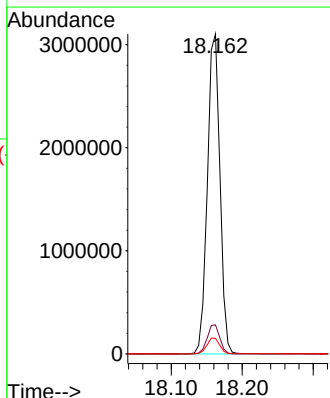
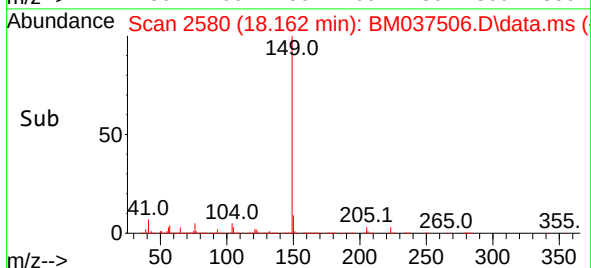
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :mohammad ahmed 11/17/2022

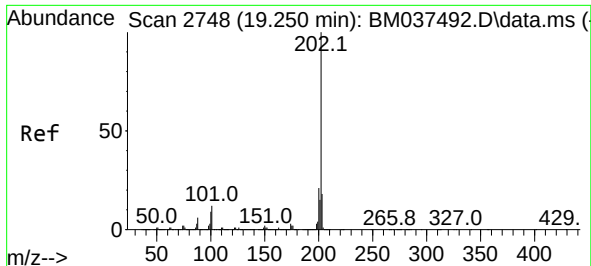


#74
 Di-n-butylphthalate
 Concen: 37.604 ng
 RT: 18.162 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM037506.D
 Acq: 14 Nov 2022 17:25



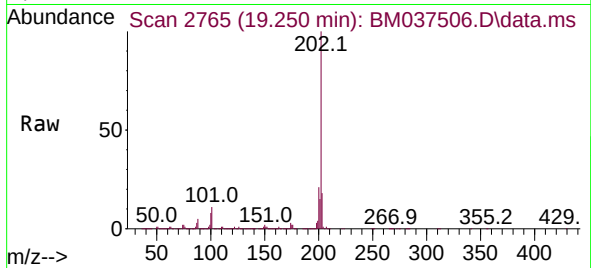
Tgt Ion:149 Resp: 3804516
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 39.647 ng
RT: 19.250 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

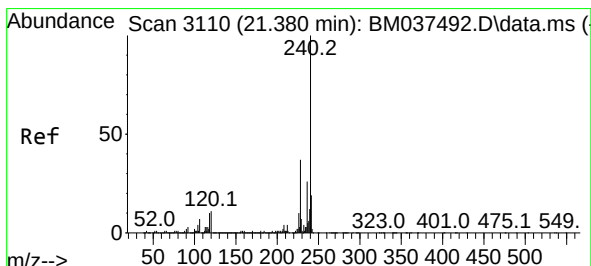
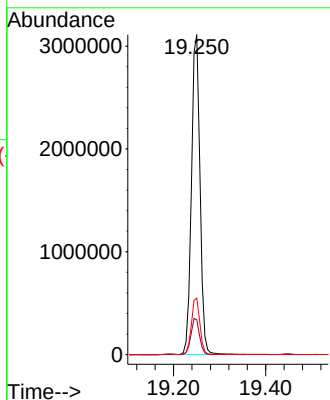
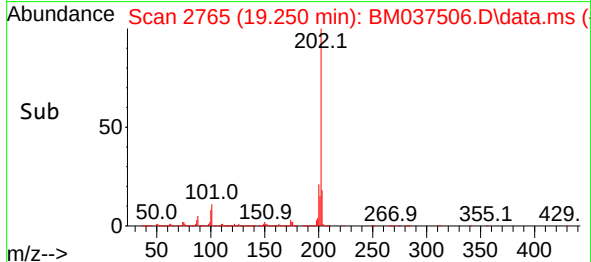
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:202 Resp: 400684
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 17.7 0.0 37.7

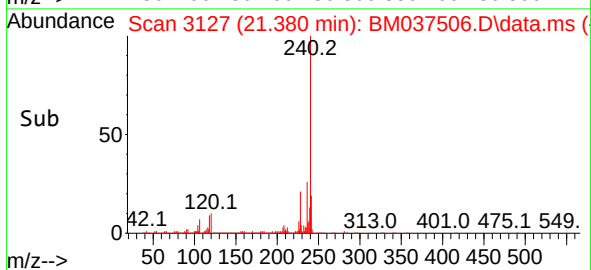
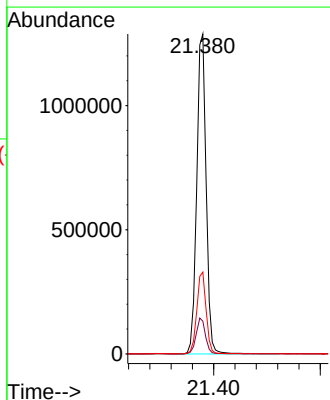
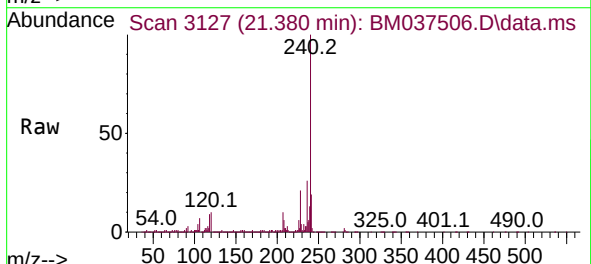
Manual Integrations
APPROVED

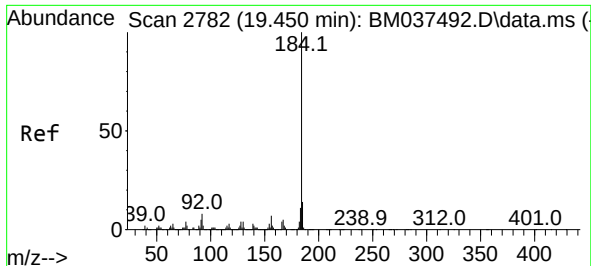
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

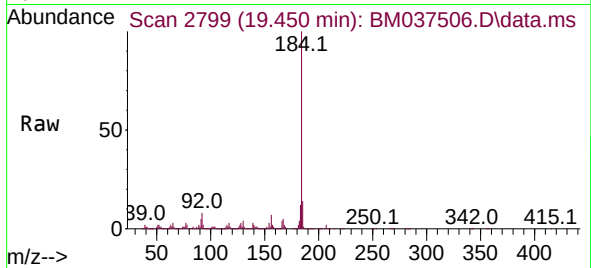
Tgt Ion:240 Resp: 1577372
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.6 20.8 31.2





#77
Benzidine
Concen: 68.046 ng
RT: 19.450 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

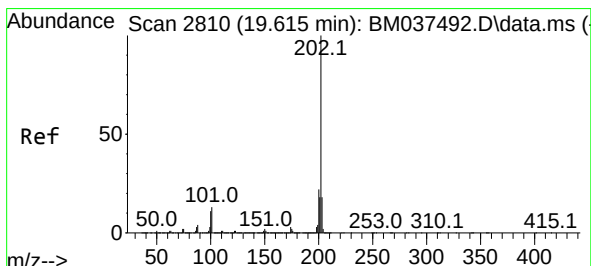
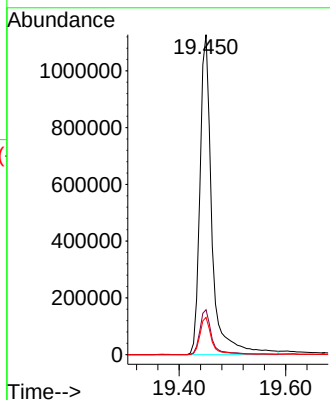
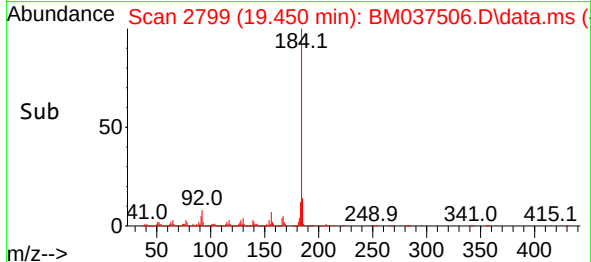
Instrument :
BNA_M
ClientSampleId :
PB148920BS



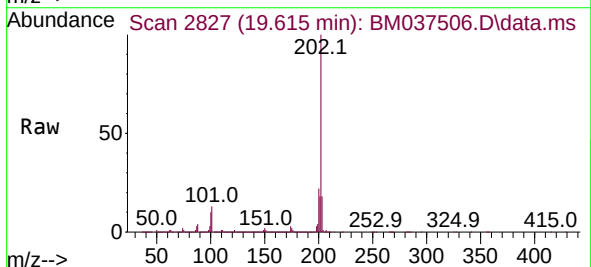
Tgt Ion:184 Resp: 175975
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 11.6 9.0 13.6

Manual Integrations
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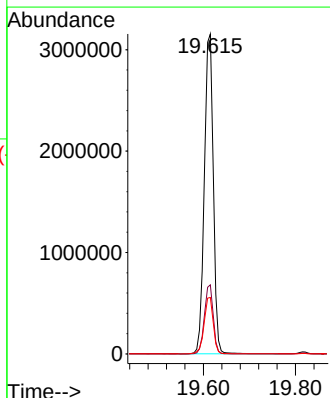
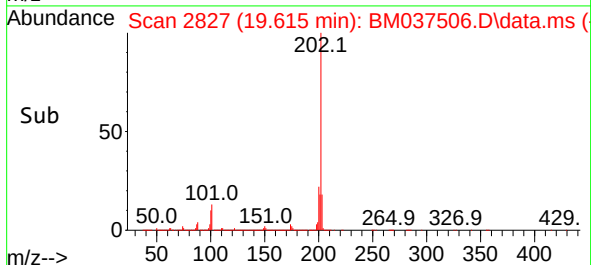
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

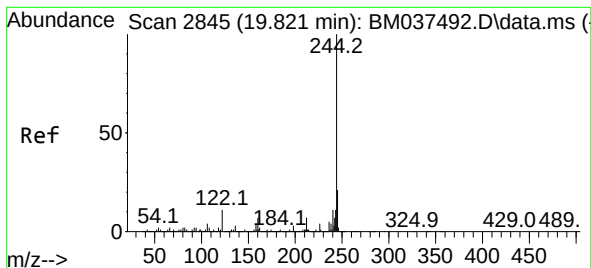


#78
Pyrene
Concen: 41.123 ng
RT: 19.615 min Scan# 2827
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:202 Resp: 4254007
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 88.780 ng

RT: 19.815 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037506.D

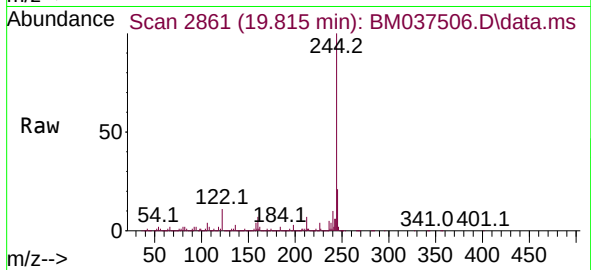
Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS



Tgt Ion:244 Resp: 7011962

Ion Ratio Lower Upper

244 100

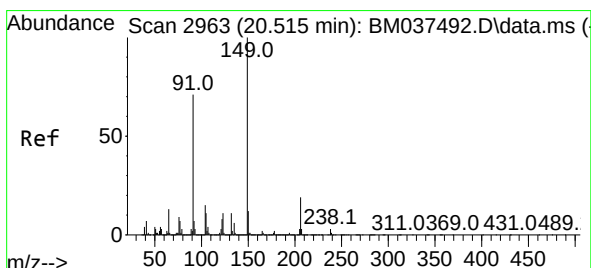
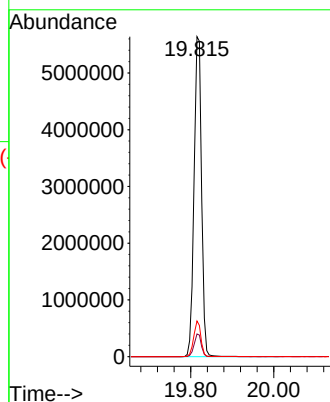
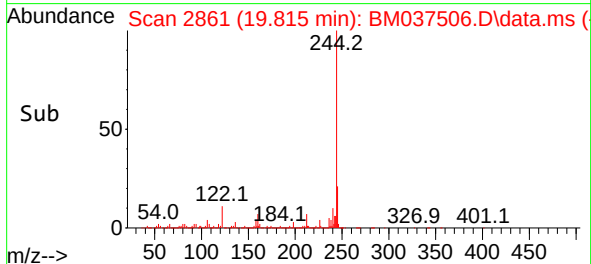
212 7.1 5.5 8.3

122 11.1 8.7 13.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#80

Butylbenzylphthalate

Concen: 41.162 ng

RT: 20.515 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

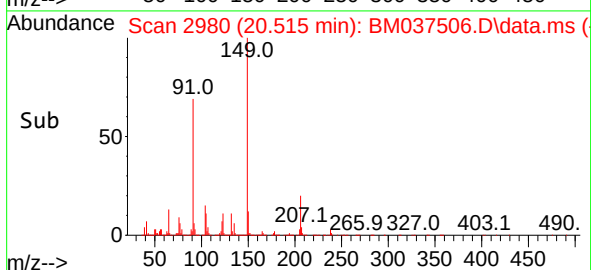
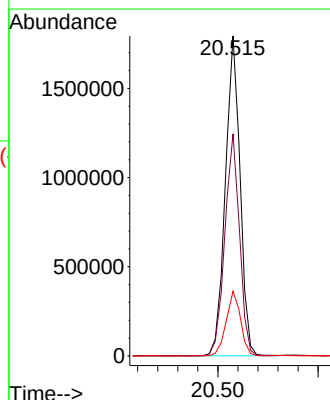
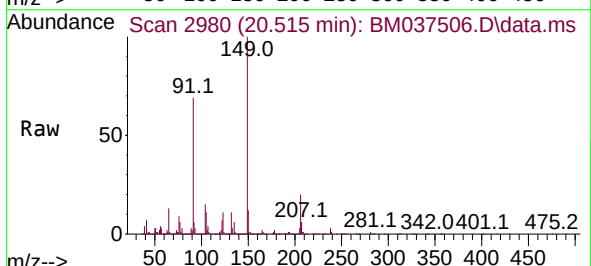
Tgt Ion:149 Resp: 1830553

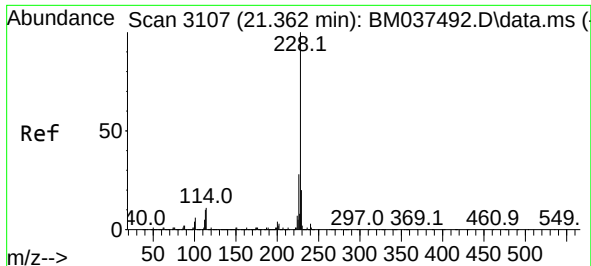
Ion Ratio Lower Upper

149 100

91 69.4 56.6 85.0

206 20.2 15.4 23.2





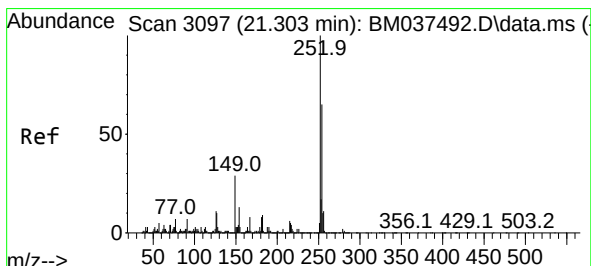
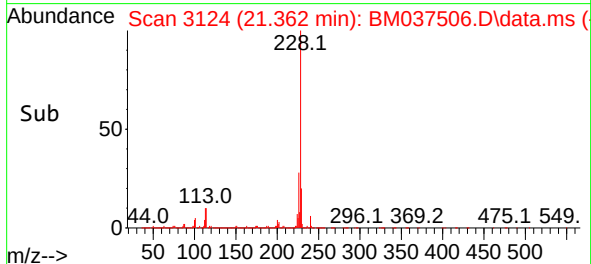
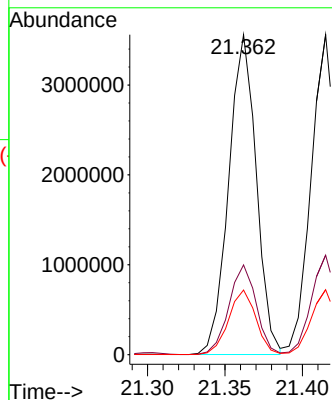
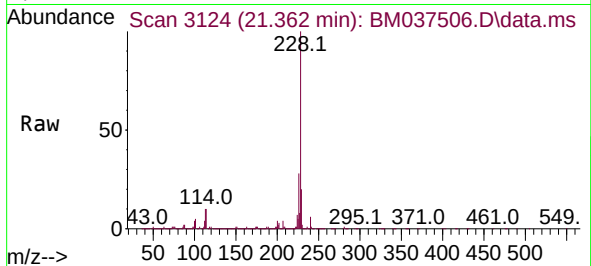
#81
Benzo(a)anthracene
Concen: 40.014 ng
RT: 21.362 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion:228 Resp: 4424332
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.2 16.2 24.2

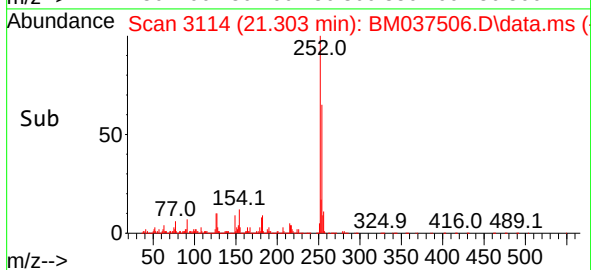
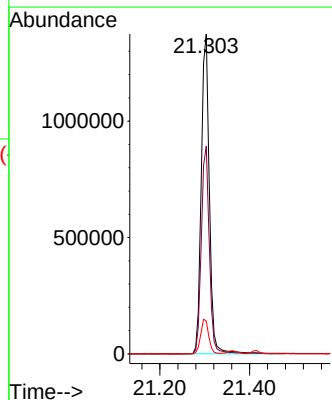
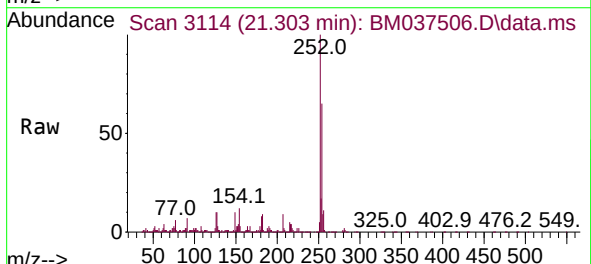
Manual Integrations
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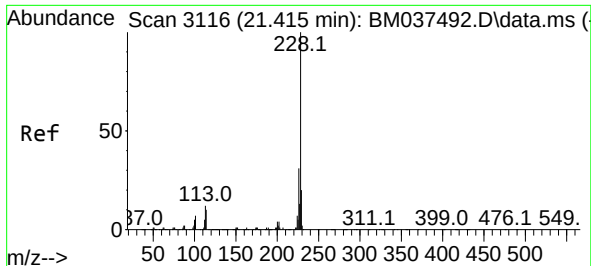
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 48.119 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

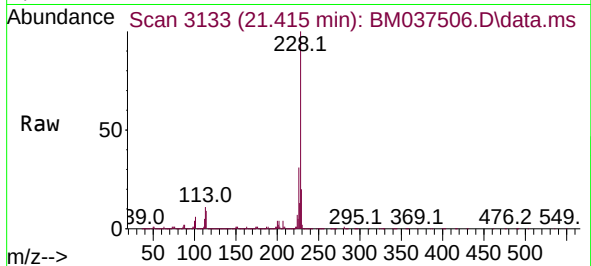
Tgt Ion:252 Resp: 1728709
Ion Ratio Lower Upper
252 100
254 65.0 52.3 78.5
126 10.3 8.8 13.2





#83
Chrysene
Concen: 39.131 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

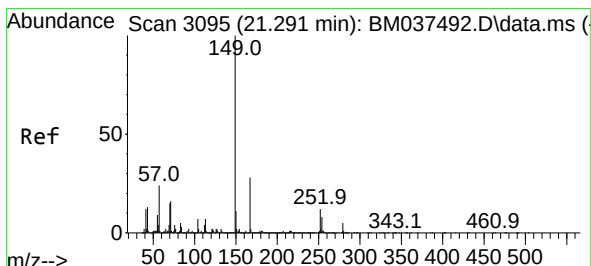
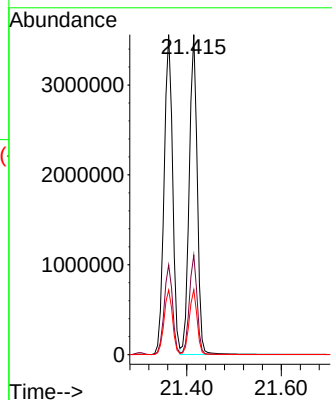
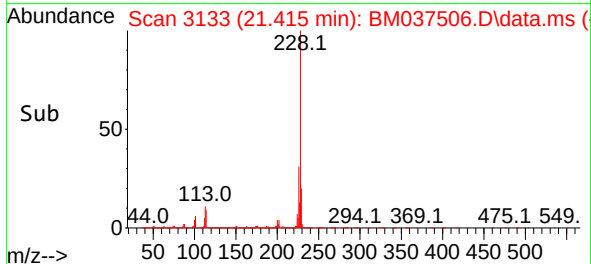
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:228 Resp: 4177206
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.4
229 20.3 16.2 24.2

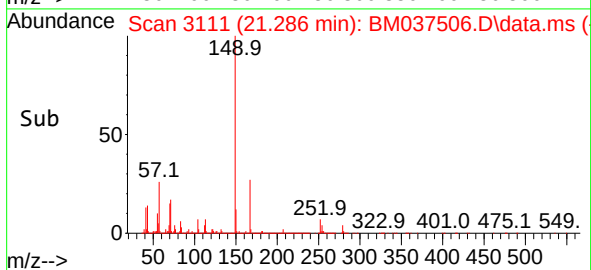
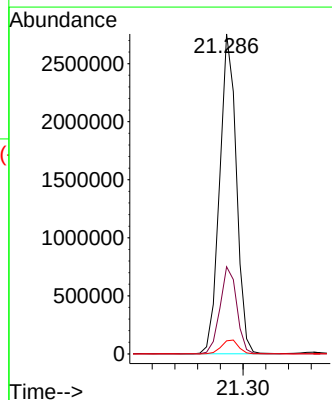
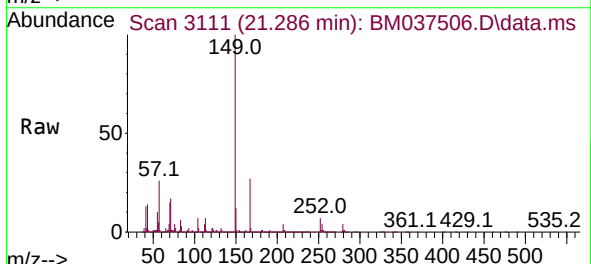
Manual Integrations
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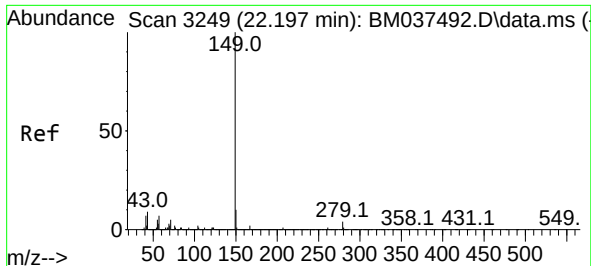
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.887 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

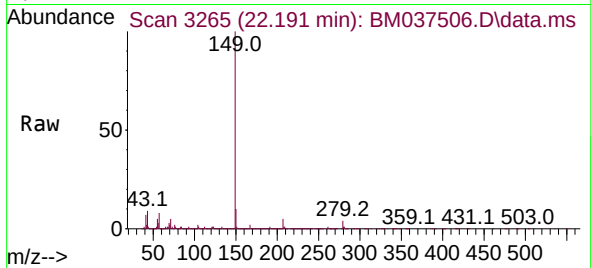
Tgt Ion:149 Resp: 2809917
Ion Ratio Lower Upper
149 100
167 27.2 22.3 33.5
279 4.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 41.221 ng
RT: 22.191 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

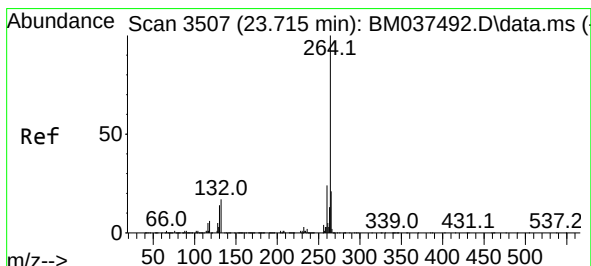
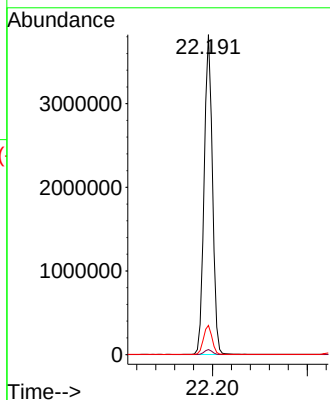
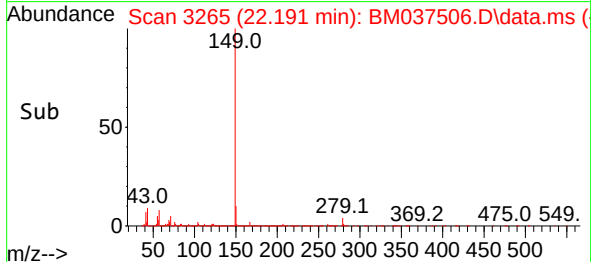
Instrument :
BNA_M
ClientSampleId :
PB148920BS



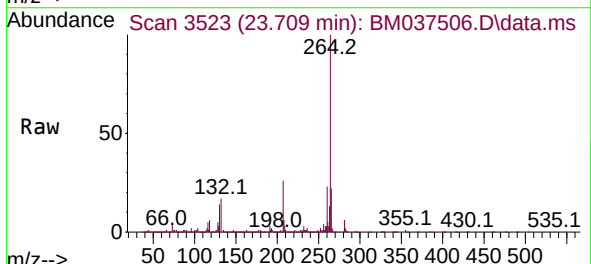
Tgt Ion:149 Resp: 4634808
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 7.6 11.4

Manual Integrations
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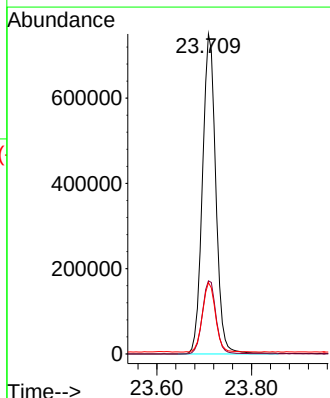
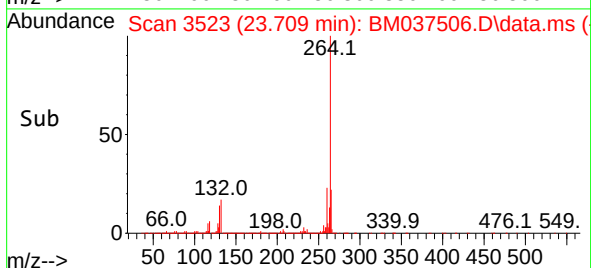
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

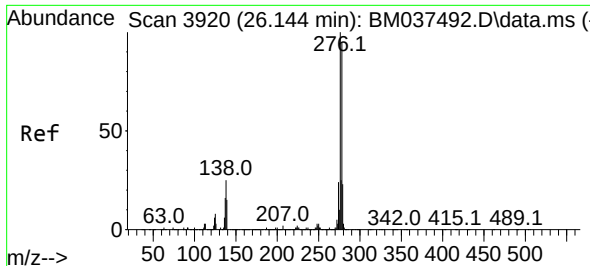


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25



Tgt Ion:264 Resp: 1466645
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 22.3 17.5 26.3





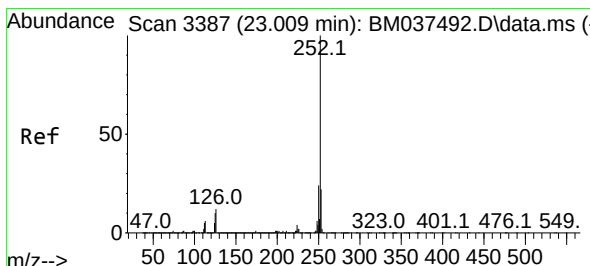
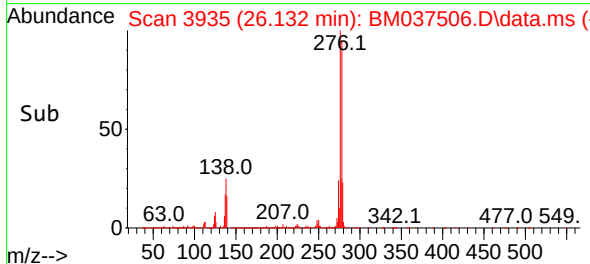
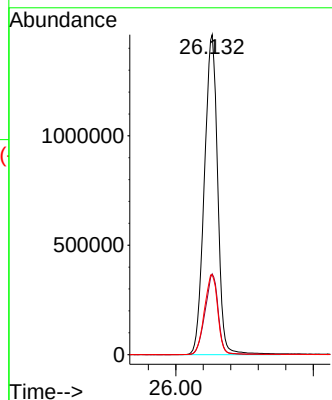
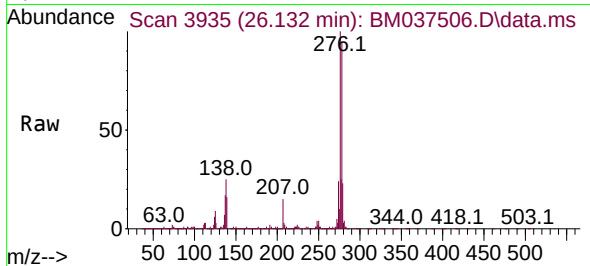
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.598 ng
RT: 26.132 min Scan# 3920
Delta R.T. -0.012 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Instrument :
BNA_M
ClientSampleId :
PB148920BS

Tgt Ion:276 Resp: 4917670
Ion Ratio Lower Upper
276 100
138 24.8 19.7 29.5
277 25.1 20.1 30.1

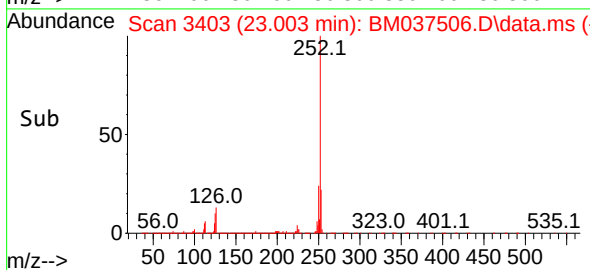
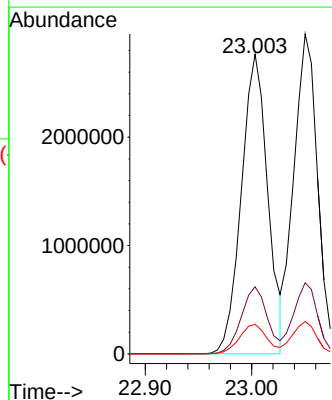
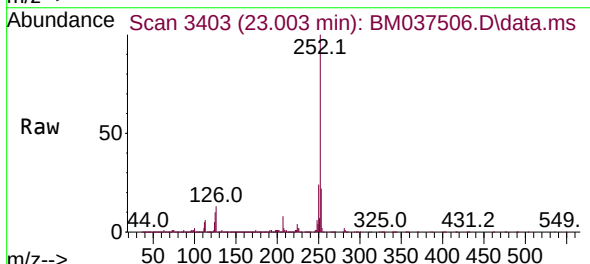
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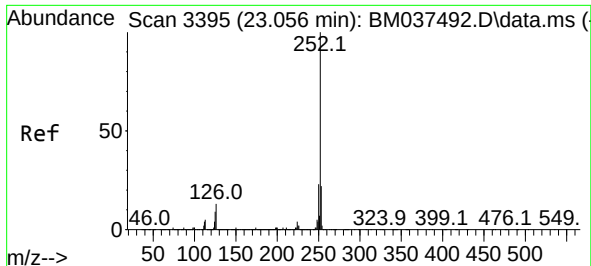
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#88
Benzo(b)fluoranthene
Concen: 48.323 ng
RT: 23.003 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

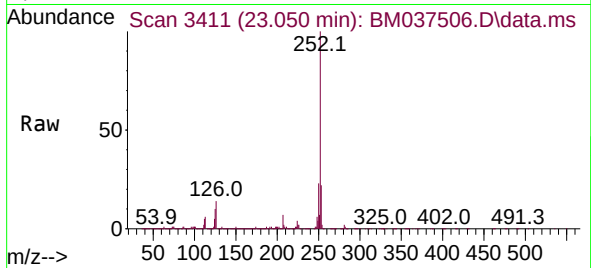
Tgt Ion:252 Resp: 4752242
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.9 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 46.551 ng
RT: 23.050 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

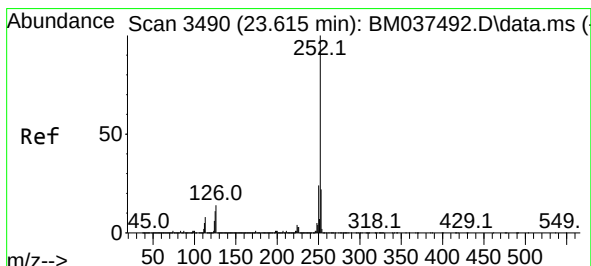
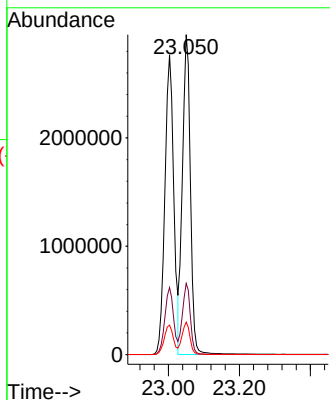
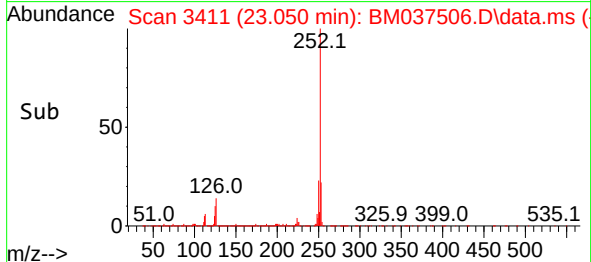
Instrument :
BNA_M
ClientSampleId :
PB148920BS



Tgt Ion:252 Resp: 4643046
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.1 7.7 11.5

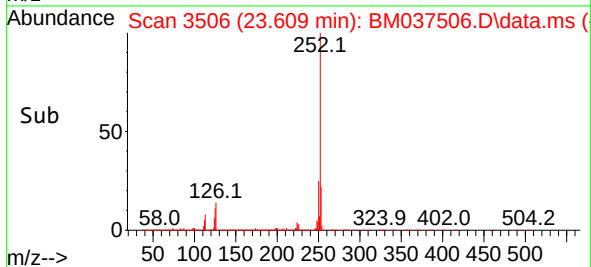
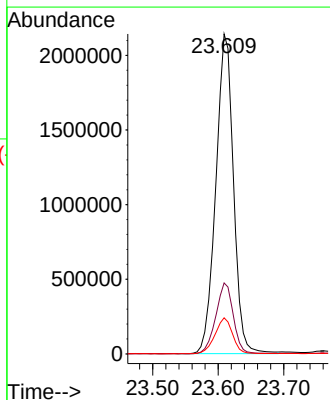
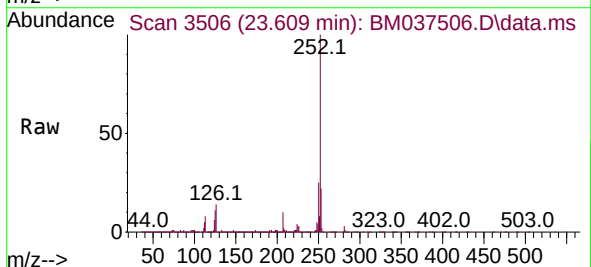
Manual Integrations
APPROVED

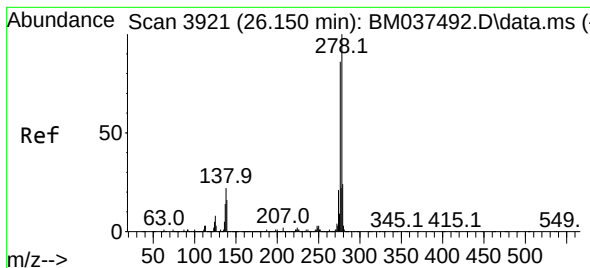
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#90
Benzo(a)pyrene
Concen: 49.044 ng
RT: 23.609 min Scan# 3506
Delta R.T. -0.006 min
Lab File: BM037506.D
Acq: 14 Nov 2022 17:25

Tgt Ion:252 Resp: 4018978
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.897 ng

RT: 26.144 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Instrument :

BNA_M

ClientSampleId :

PB148920BS

Tgt Ion:278 Resp: 4404530

Ion Ratio Lower Upper

278 100

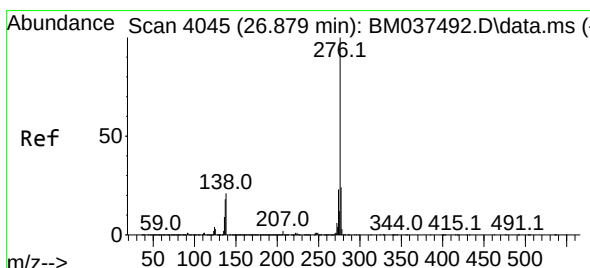
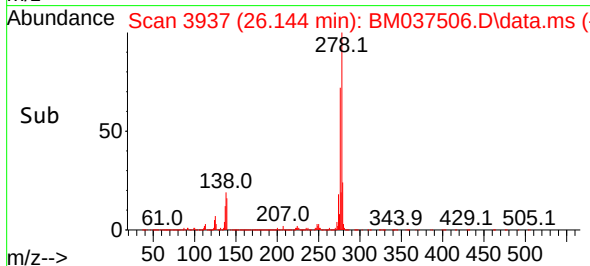
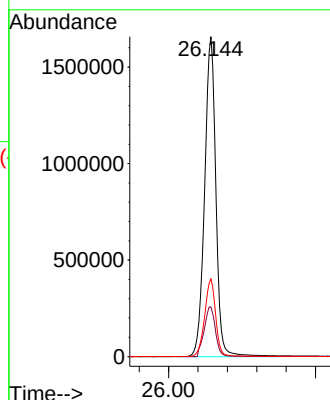
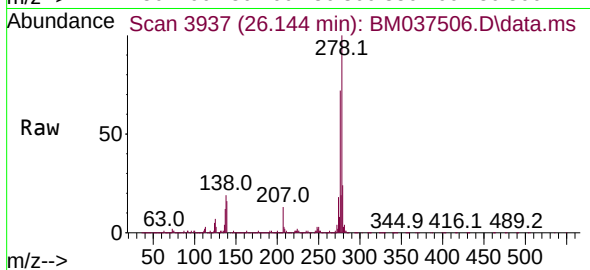
139 15.5 12.6 18.8

279 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022



#92

Benzo(g,h,i)perylene

Concen: 41.720 ng

RT: 26.873 min Scan# 4061

Delta R.T. -0.006 min

Lab File: BM037506.D

Acq: 14 Nov 2022 17:25

Tgt Ion:276 Resp: 4050391

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 20.8 17.0 25.6

