

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033562.D
 Acq On : 21 Dec 2021 20:02
 Operator : CG/JU
 Sample : M5182-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

Quant Time: Dec 22 03:39:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 16:25:49 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	29619	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	126215	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	83875	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	165627	20.000	ng	# 0.00
76) Chrysene-d12	21.483	240	122896	20.000	ng	0.00
86) Perylene-d12	23.877	264	125545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.478	112	224689	130.573	ng	0.00
7) Phenol-d6	7.084	99	299668	124.388	ng	0.00
23) Nitrobenzene-d5	9.084	82	233515	76.847	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	111436	107.898	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	457507	76.904	ng	0.00
79) Terphenyl-d14	19.924	244	509042	68.897	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	28030	39.030	ng	# 94
3) Pyridine	3.772	79	73011	40.251	ng	# 89
4) n-Nitrosodimethylamine	3.678	42	66771	49.299	ng	# 85
6) Aniline	7.242	93	86179	31.340	ng	98
8) 2-Chlorophenol	7.472	128	99554	52.496	ng	98
9) Benzaldehyde	7.054	77	78194m	56.999	ng	
10) Phenol	7.107	94	133431	55.792	ng	85
11) bis(2-Chloroethyl)ether	7.337	93	91763	50.323	ng	99
12) 1,3-Dichlorobenzene	7.795	146	109768	49.065	ng	96
13) 1,4-Dichlorobenzene	7.942	146	113530	49.919	ng	97
14) 1,2-Dichlorobenzene	8.260	146	108383	48.440	ng	99
15) Benzyl Alcohol	8.160	79	112050m	49.377	ng	
16) 2,2'-oxybis(1-Chloropr...	8.442	45	160705	49.861	ng	98
17) 2-Methylphenol	8.366	107	92197	53.021	ng	94
18) Hexachloroethane	8.989	117	47795	51.379	ng	97
19) n-Nitroso-di-n-propyla...	8.725	70	92551	49.319	ng	92
20) 3+4-Methylphenols	8.695	107	121211	50.843	ng	92
22) Acetophenone	8.742	105	169746	49.095	ng	# 90
24) Nitrobenzene	9.125	77	144845	49.873	ng	98
25) Isophorone	9.654	82	237380	49.566	ng	98
26) 2-Nitrophenol	9.831	139	57020	51.397	ng	# 90
27) 2,4-Dimethylphenol	9.895	122	98281	57.380	ng	94
28) bis(2-Chloroethoxy)met...	10.136	93	130260	48.537	ng	97
29) 2,4-Dichlorophenol	10.372	162	103905	52.044	ng	99
30) 1,2,4-Trichlorobenzene	10.578	180	113024	48.042	ng	97
31) Naphthalene	10.766	128	326834	48.242	ng	99
32) Benzoic acid	10.066	122	65917	47.244	ng	96
33) 4-Chloroaniline	10.895	127	24650	9.574	ng	95
34) Hexachlorobutadiene	11.048	225	75994	46.969	ng	98
35) Caprolactam	11.695	113	30651	73.361	ng	97
36) 4-Chloro-3-methylphenol	12.019	107	122049	47.495	ng	100
37) 2-Methylnaphthalene	12.383	142	244235	50.321	ng	95
38) 1-Methylnaphthalene	12.601	142	224993	46.387	ng	98
40) 1,2,4,5-Tetrachloroben...	12.748	216	130444	54.127	ng	# 97
41) Hexachlorocyclopentadiene	12.719	237	174336	130.154	ng	98
43) 2,4,6-Trichlorophenol	12.995	196	86300	50.882	ng	93

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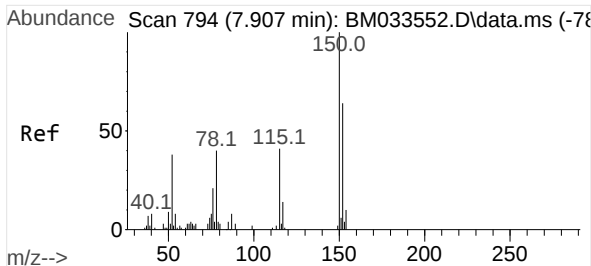
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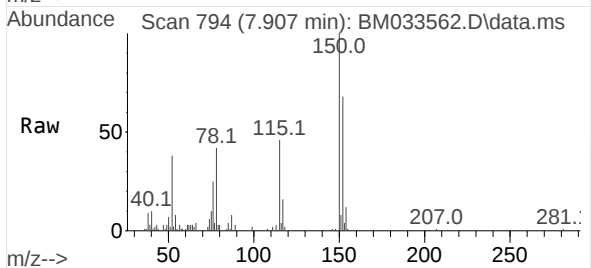
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	90132	50.057	ng	96
46) 1,1'-Biphenyl	13.395	154	322592	52.413	ng	98
47) 2-Chloronaphthalene	13.436	162	243390	50.974	ng	99
48) 2-Nitroaniline	13.648	65	91981	50.427	ng	92
49) Acenaphthylene	14.283	152	387926	50.727	ng	99
50) Dimethylphthalate	14.024	163	306045	47.334	ng	98
51) 2,6-Dinitrotoluene	14.142	165	63547	49.235	ng	# 77
52) Acenaphthene	14.624	154	230471	50.166	ng	99
53) 3-Nitroaniline	14.477	138	27257	21.505	ng	95
54) 2,4-Dinitrophenol	14.683	184	73766	91.833	ng	# 84
55) Dibenzofuran	14.954	168	377328	47.964	ng	94
56) 4-Nitrophenol	14.789	139	96474	98.597	ng	# 76
57) 2,4-Dinitrotoluene	14.930	165	89399	49.623	ng	91
58) Fluorene	15.607	166	298428	47.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.183	232	76814	46.475	ng	# 95
60) Diethylphthalate	15.383	149	325370	46.640	ng	99
61) 4-Chlorophenyl-phenyle...	15.601	204	154907	46.338	ng	93
62) 4-Nitroaniline	15.642	138	55437	42.447	ng	# 74
63) Azobenzene	15.895	77	356612	46.322	ng	93
65) 4,6-Dinitro-2-methylph...	15.689	198	46355	41.936	ng	97
66) n-Nitrosodiphenylamine	15.818	169	255408	51.992	ng	99
67) 4-Bromophenyl-phenylether	16.495	248	88443	49.477	ng	# 91
68) Hexachlorobenzene	16.607	284	97663	50.647	ng	97
69) Atrazine	16.771	200	88395	80.113	ng	99
70) Pentachlorophenol	16.954	266	120320	102.198	ng	98
71) Phenanthrene	17.348	178	447948	49.022	ng	99
72) Anthracene	17.436	178	453458	50.452	ng	98
73) Carbazole	17.712	167	384893	44.634	ng	99
74) Di-n-butylphthalate	18.271	149	516598	48.406	ng	99
75) Fluoranthene	19.359	202	472121	45.171	ng	98
77) Benzidine	19.553	184	222430	164.041	ng	99
78) Pyrene	19.724	202	471806	51.683	ng	99
80) Butylbenzylphthalate	20.618	149	200461	50.343	ng	96
81) Benzo(a)anthracene	21.465	228	398263	47.567	ng	98
82) 3,3'-Dichlorobenzidine	21.400	252	104018	27.660	ng	96
83) Chrysene	21.518	228	385185	47.970	ng	99
84) Bis(2-ethylhexyl)phtha...	21.389	149	277170	50.462	ng	100
85) Di-n-octyl phthalate	22.318	149	455286	50.691	ng	100
87) Indeno(1,2,3-cd)pyrene	26.377	276	458132	51.524	ng	# 94
88) Benzo(b)fluoranthene	23.147	252	396596m	49.320	ng	
89) Benzo(k)fluoranthene	23.200	252	392686	48.998	ng	# 97
90) Benzo(a)pyrene	23.777	252	393762	58.164	ng	98
91) Dibenzo(a,h)anthracene	26.388	278	393882	52.472	ng	96
92) Benzo(g,h,i)perylene	27.135	276	391982	53.025	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

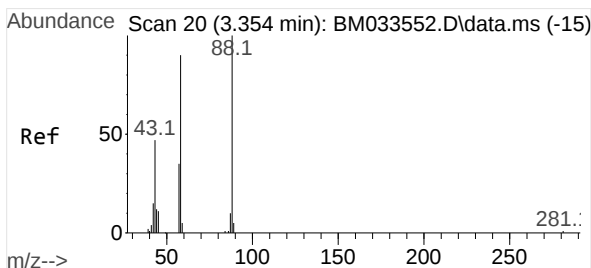
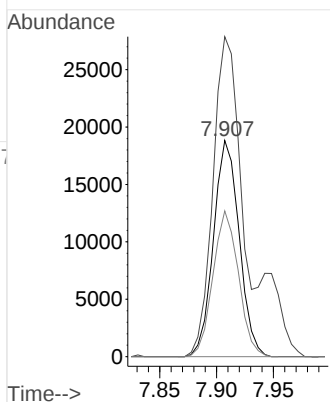
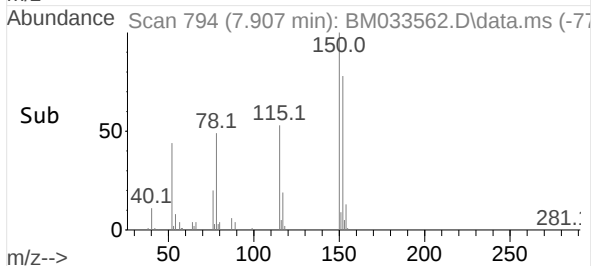
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion:152 Resp: 29619
Ion Ratio Lower Upper
152 100
150 148.0 128.9 193.3
115 67.4 53.0 79.6

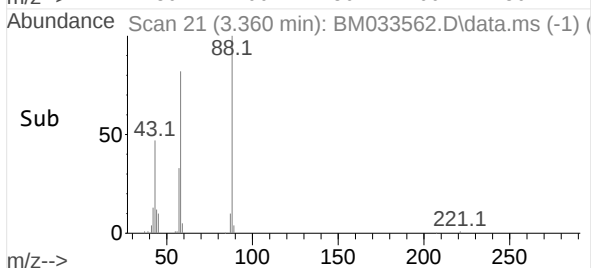
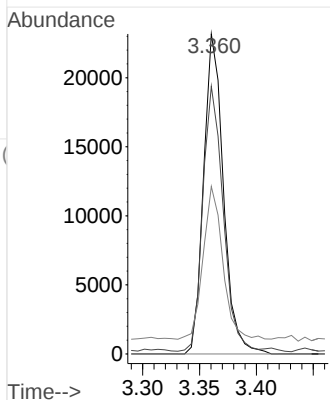
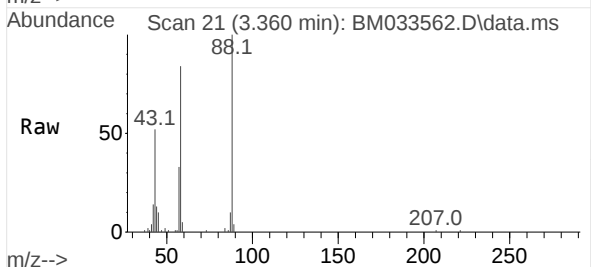
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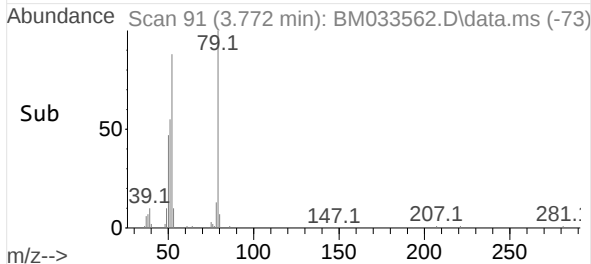
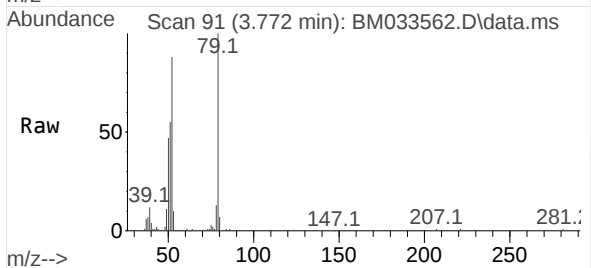
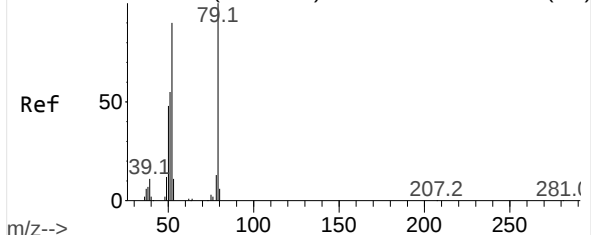


#2
1,4-Dioxane
Concen: 39.030 ng
RT: 3.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion: 88 Resp: 28030
Ion Ratio Lower Upper
88 100
58 86.1 67.0 100.4
43 47.7 31.6 47.4



Abundance Scan 90 (3.766 min): BM033552.D\data.ms (-86)



#3

Pyridine

Concen: 40.251 ng

RT: 3.772 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

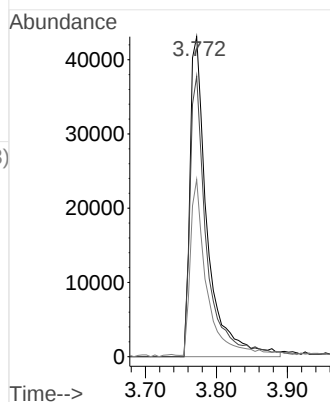
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HB-2-(20-25)-12-17-21MSD

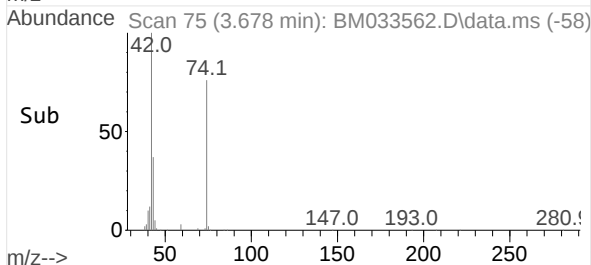
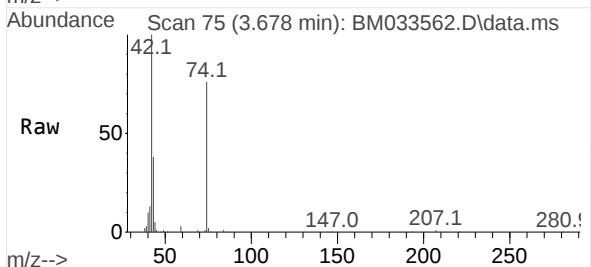
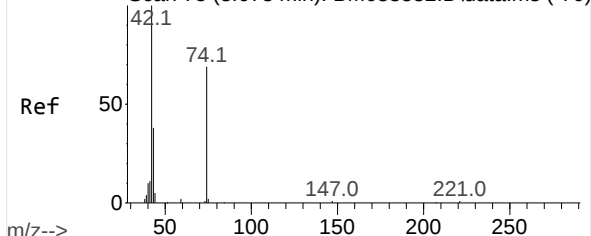
Tgt Ion: 79	Resp: 7301
Ion Ratio	Lower Upper
79	100
52	87.7 65.4 98.2
51	55.3 34.8 52.2

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Abundance Scan 75 (3.678 min): BM033552.D\data.ms (-70)



#4

n-Nitrosodimethylamine

Concen: 49.299 ng

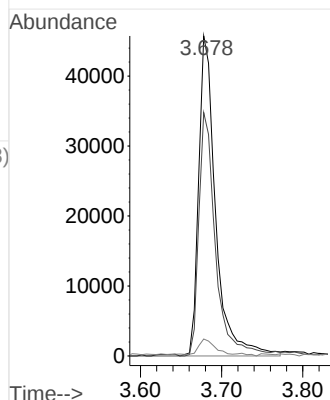
RT: 3.678 min Scan# 75

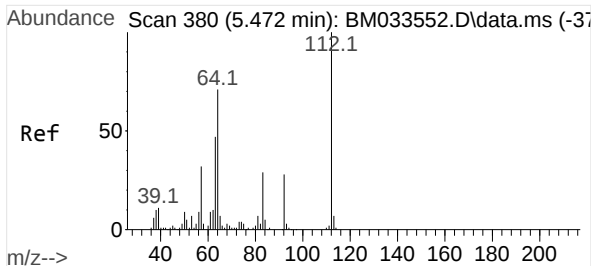
Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

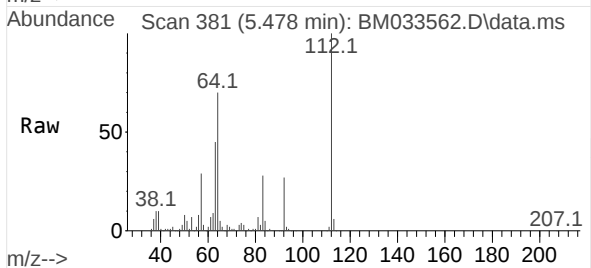
Tgt Ion: 42	Resp: 66771
Ion Ratio	Lower Upper
42	100
74	76.0 72.5 108.7
44	5.3 5.4 8.2





#5
2-Fluorophenol
Concen: 130.573 ng
RT: 5.478 min Scan# 380
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

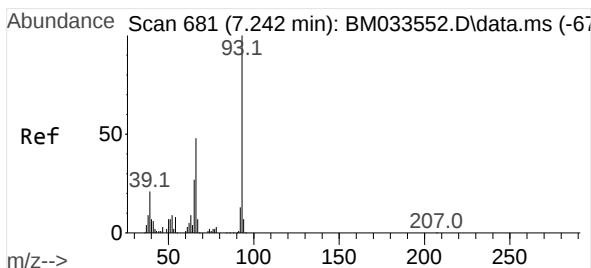
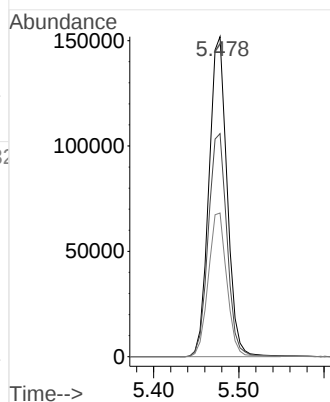
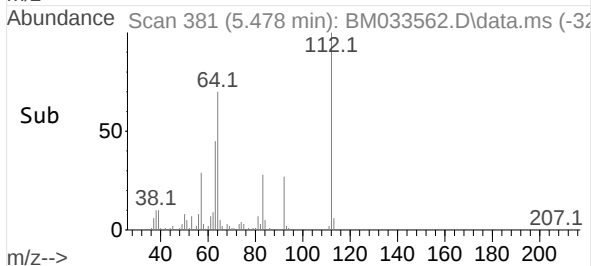
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Tgt Ion:112 Resp: 224689
Ion Ratio Lower Upper
112 100
64 69.7 55.5 83.3
63 44.9 31.3 46.9

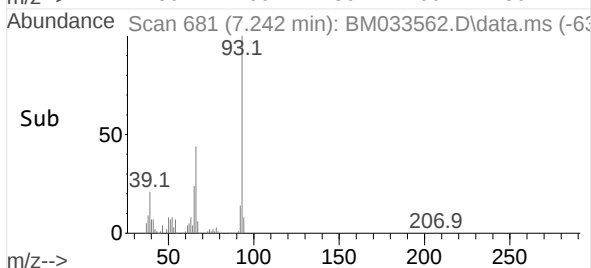
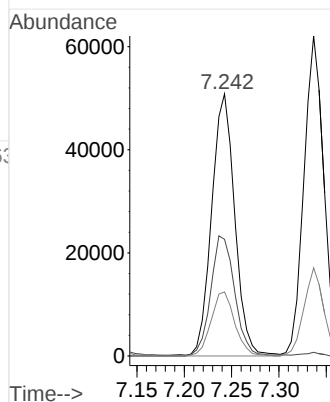
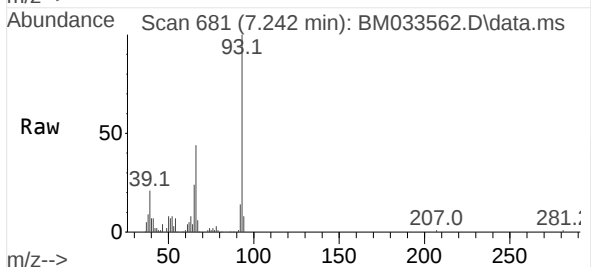
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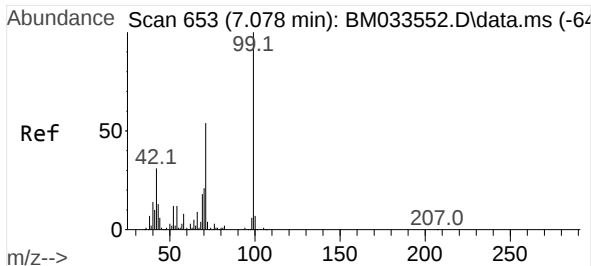
Reviewed By :Yogesh Patel 12/31/2021
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#6
Aniline
Concen: 31.340 ng
RT: 7.242 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

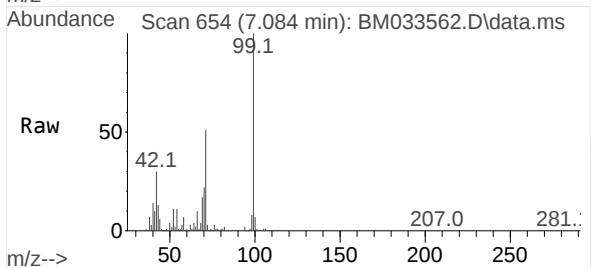
Tgt Ion: 93 Resp: 86179
Ion Ratio Lower Upper
93 100
66 44.5 36.0 54.0
65 24.4 18.2 27.4





#7
Phenol-d6
Concen: 124.388 ng
RT: 7.084 min Scan# 653
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

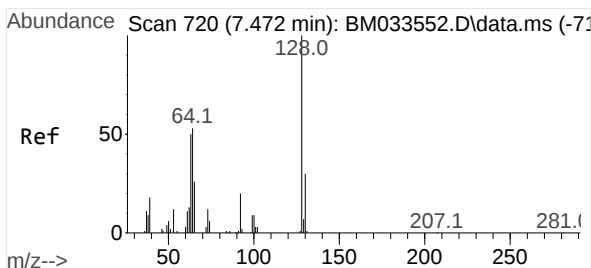
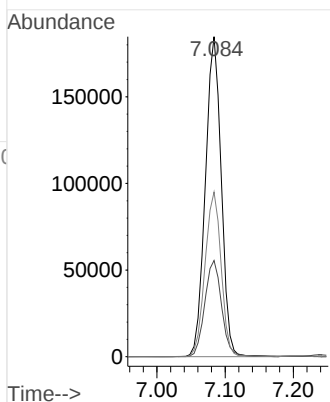
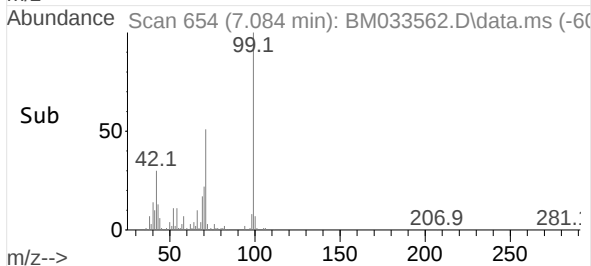
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Tgt Ion: 99 Resp: 299668
Ion Ratio Lower Upper
99 100
42 30.1 20.3 30.5
71 51.5 34.5 51.7

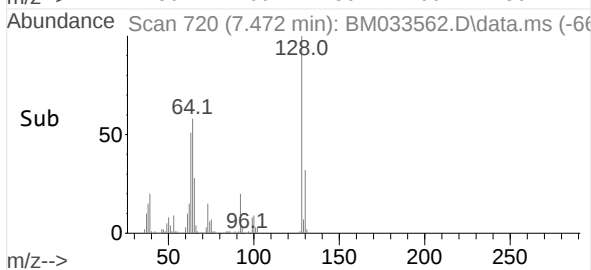
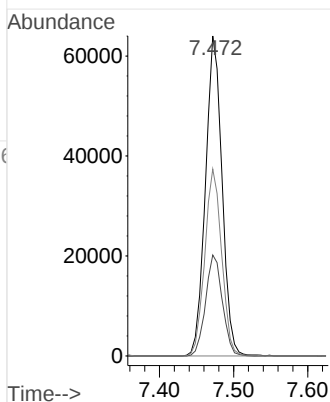
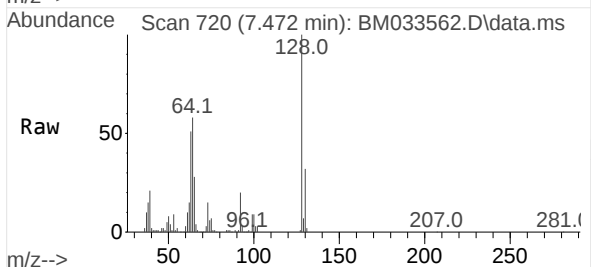
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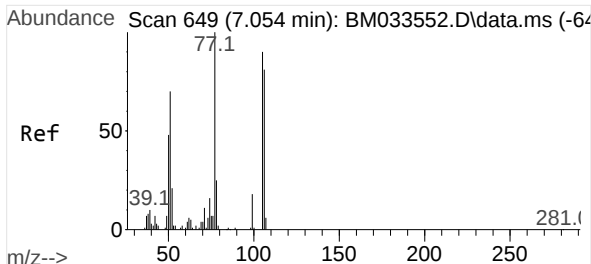
Reviewed By :Yogesh Patel 12/31/2021
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#8
2-Chlorophenol
Concen: 52.496 ng
RT: 7.472 min Scan# 720
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

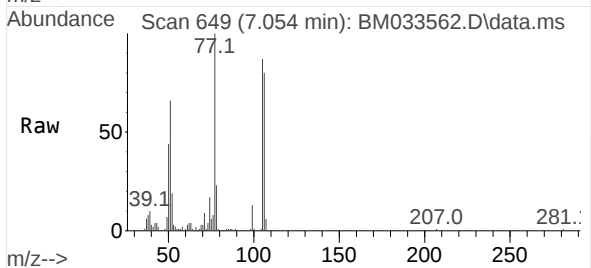
Tgt Ion:128 Resp: 99554
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 58.4 40.6 80.6





#9
Benzaldehyde
Concen: 56.999 ng m
RT: 7.054 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

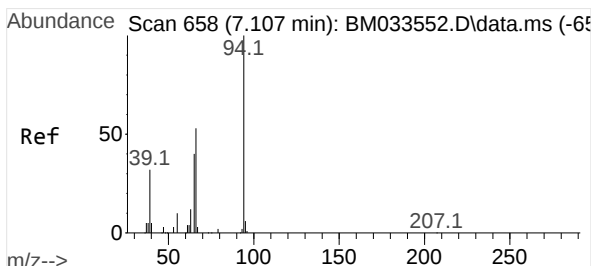
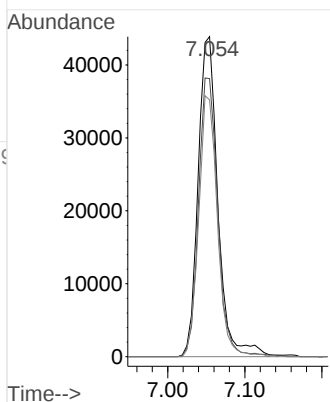
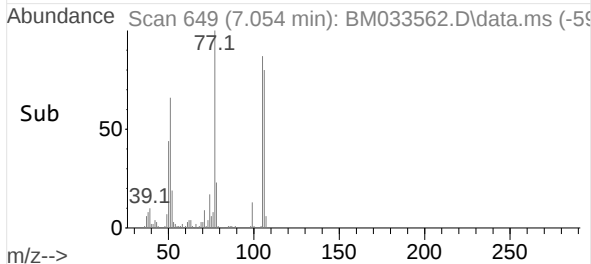
Instrument :
BNA_M
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Tgt Ion: 77 Resp: 78194
Ion Ratio Lower Upper
77 100
105 86.9 67.1 107.1
106 80.3 64.3 104.3

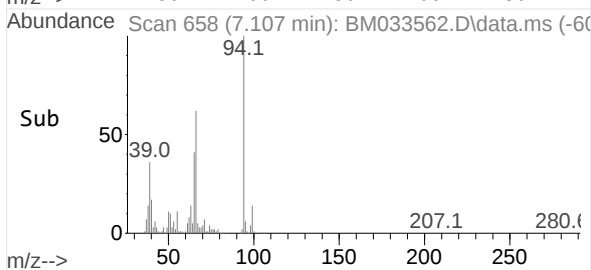
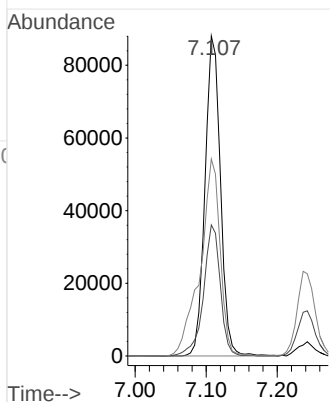
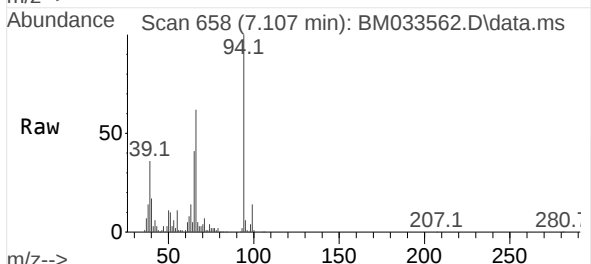
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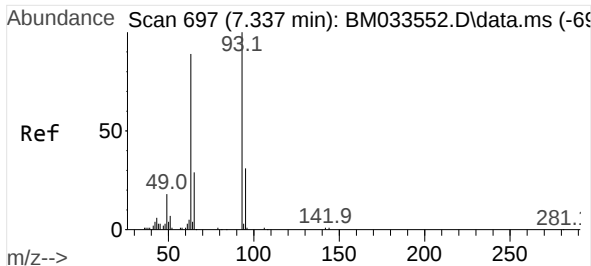
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#10
Phenol
Concen: 55.792 ng
RT: 7.107 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

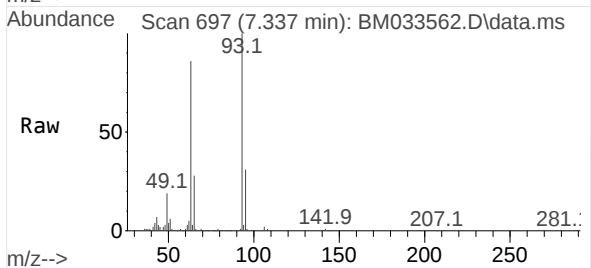
Tgt Ion: 94 Resp: 133431
Ion Ratio Lower Upper
94 100
65 40.9 15.5 55.5
66 61.5 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 50.323 ng
RT: 7.337 min Scan# 697
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

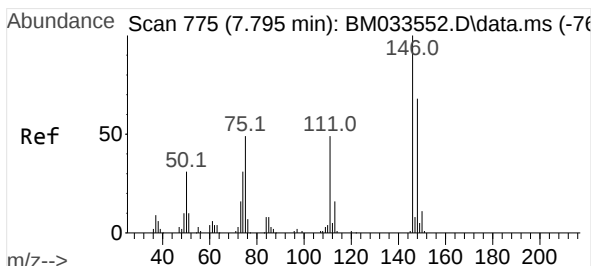
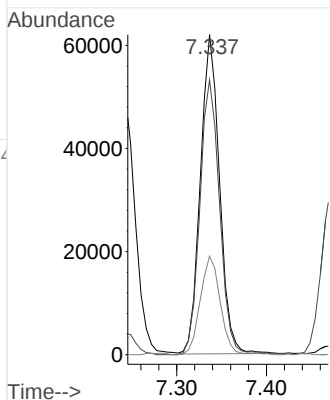
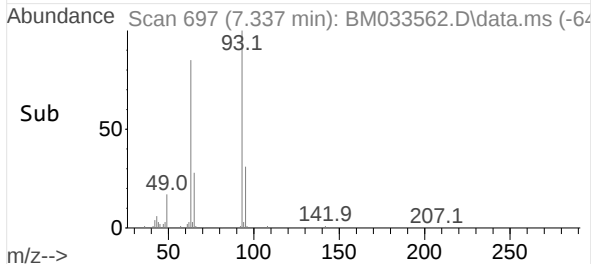
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion: 93 Resp: 91768
Ion Ratio Lower Upper
93 100
63 85.8 67.0 107.0
95 30.8 11.6 51.6

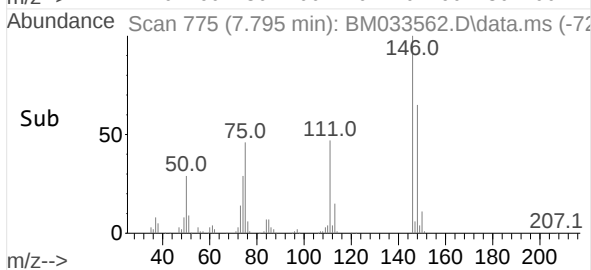
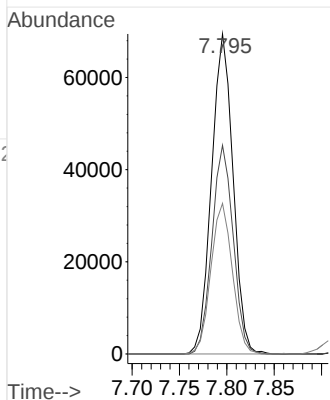
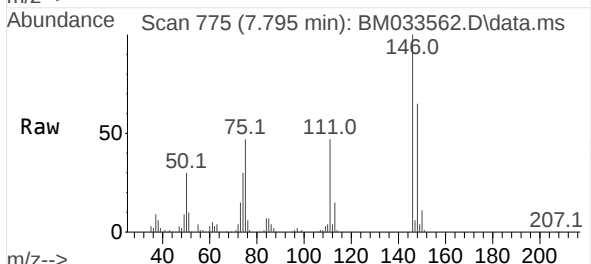
Manual Integrations
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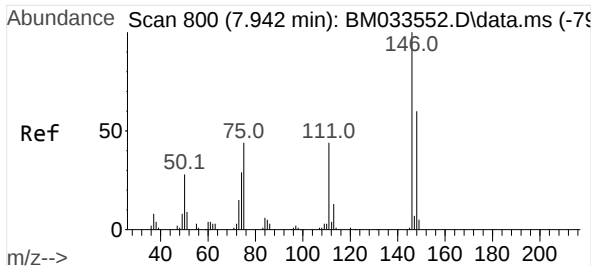
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#12
1,3-Dichlorobenzene
Concen: 49.065 ng
RT: 7.795 min Scan# 775
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

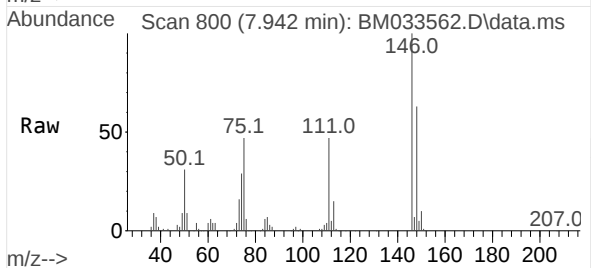
Tgt Ion:146 Resp: 109768
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 47.1 32.0 48.0





#13
1,4-Dichlorobenzene
Concen: 49.919 ng
RT: 7.942 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

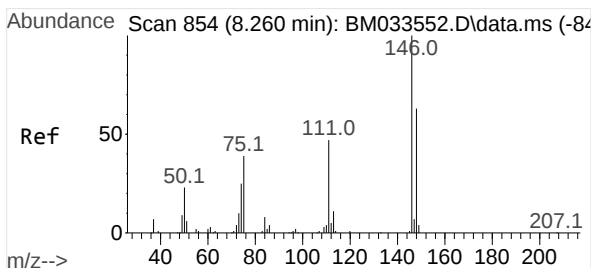
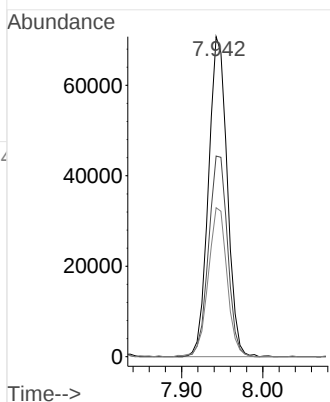
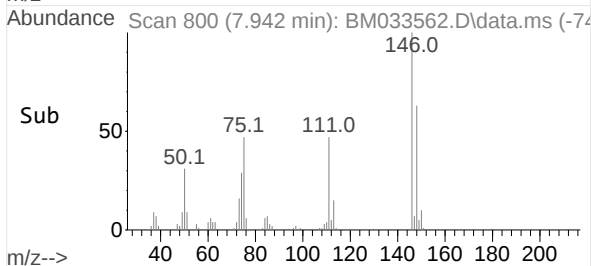
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



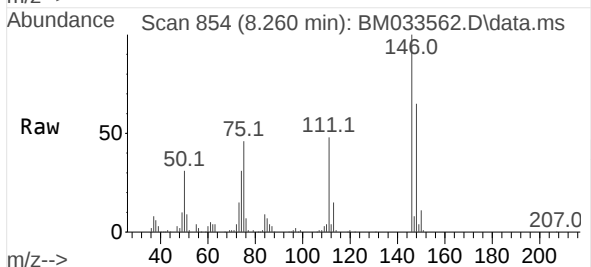
Tgt Ion:146 Resp: 113530
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
111 46.5 36.6 55.0

Manual Integrations
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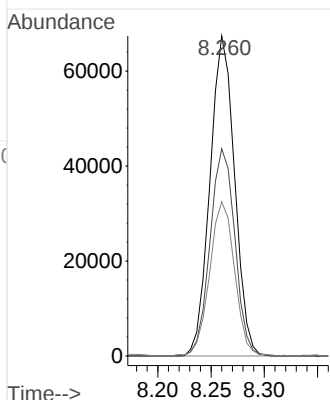
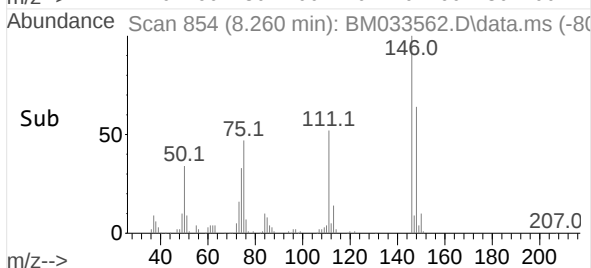
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

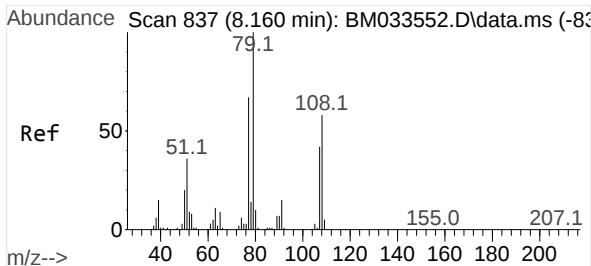


#14
1,2-Dichlorobenzene
Concen: 48.440 ng
RT: 8.260 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



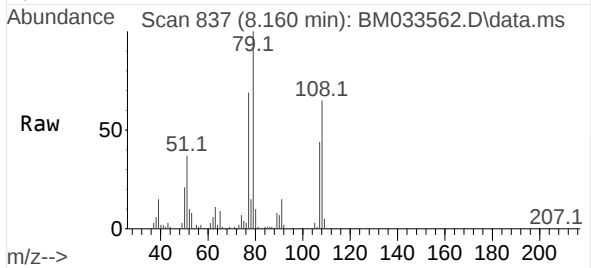
Tgt Ion:146 Resp: 108383
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
111 48.2 37.8 56.8





#15
Benzyl Alcohol
Concen: 49.377 ng m
RT: 8.160 min Scan# 837
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

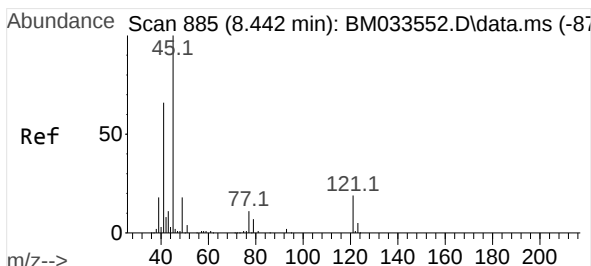
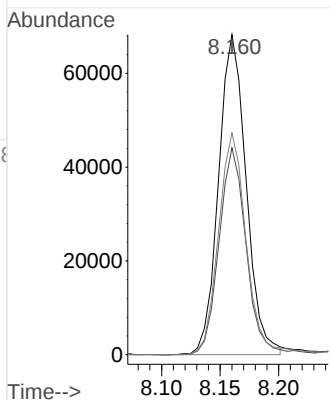
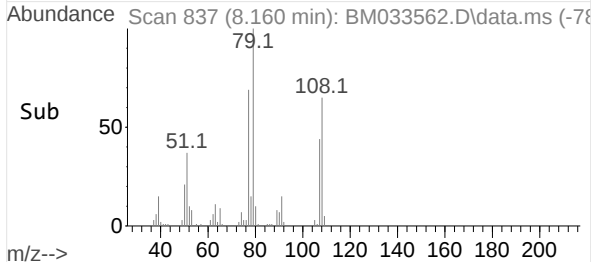
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



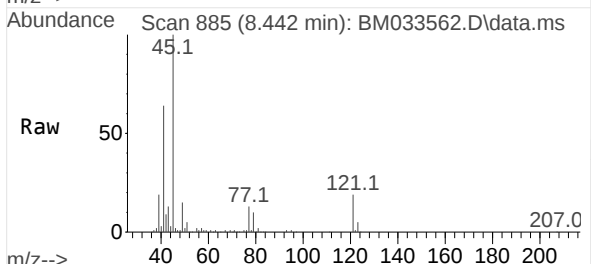
Tgt Ion: 79 Resp: 112050
Ion Ratio Lower Upper
79 100
108 64.7 51.1 76.7
77 69.3 53.8 80.8

Manual Integrations
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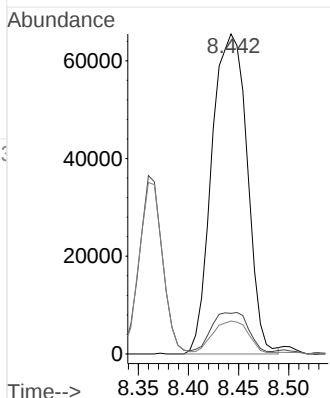
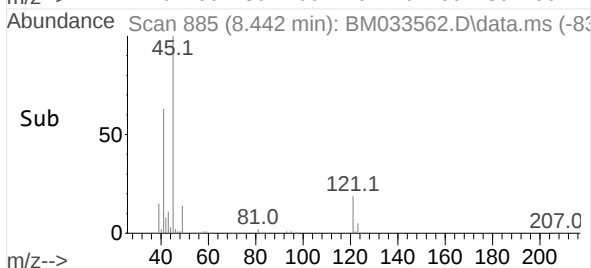
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

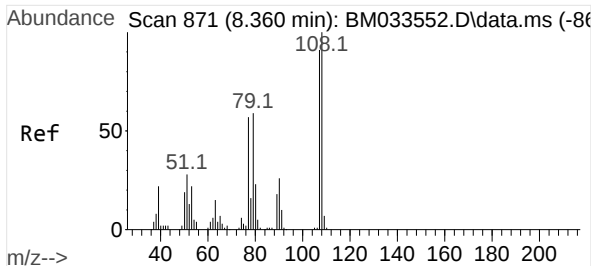


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.861 ng
RT: 8.442 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



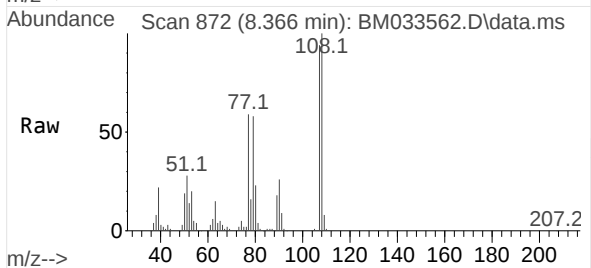
Tgt Ion: 45 Resp: 160705
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.7
79 10.3 0.0 30.0





#17
2-Methylphenol
Concen: 53.021 ng
RT: 8.366 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

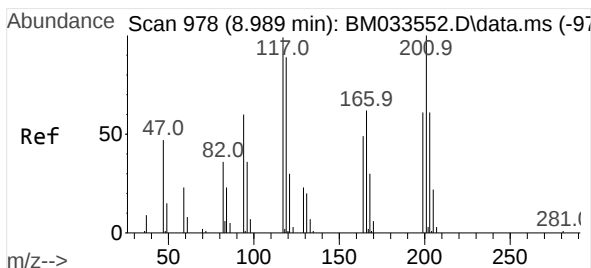
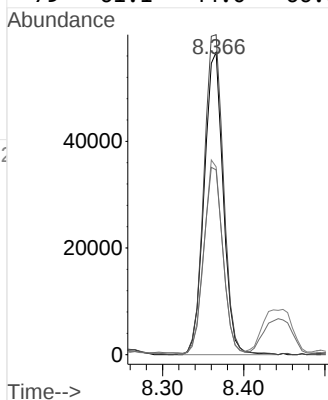
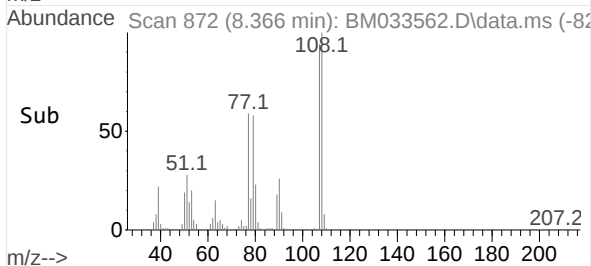
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion:	107	Resp:	9219
Ion Ratio	Lower	Upper	
107	100		
108	105.8	89.2	133.8
77	62.1	46.0	69.0
79	61.1	44.0	66.0

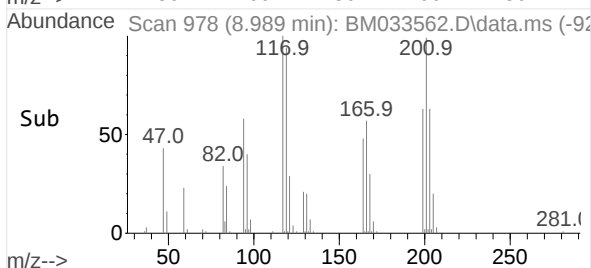
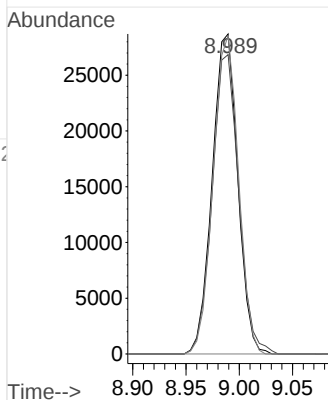
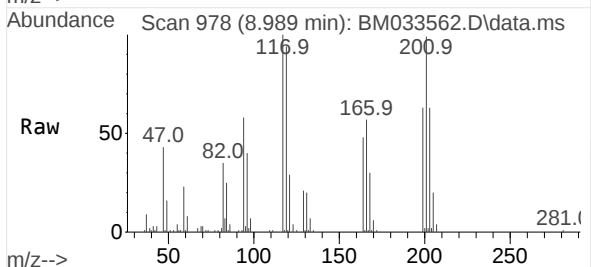
Manual Integrations
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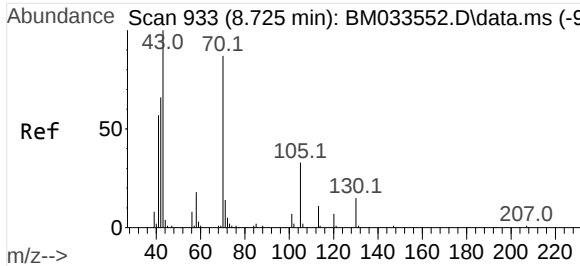
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#18
Hexachloroethane
Concen: 51.379 ng
RT: 8.989 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

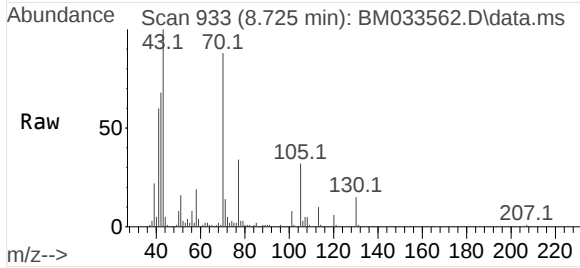
Tgt Ion:	117	Resp:	47795
Ion Ratio	Lower	Upper	
117	100		
119	93.6	75.0	112.6
201	99.5	75.2	112.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.319 ng
RT: 8.725 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

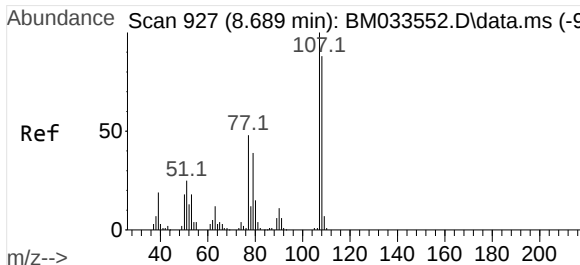
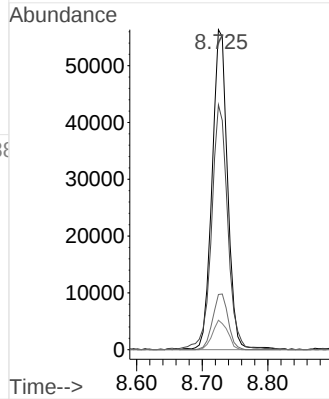
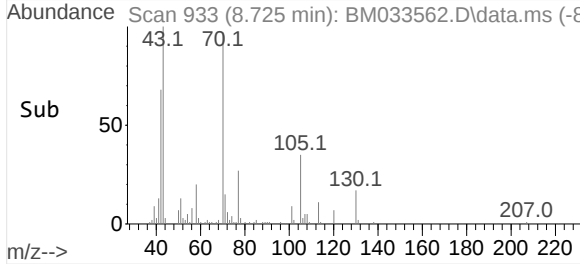
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



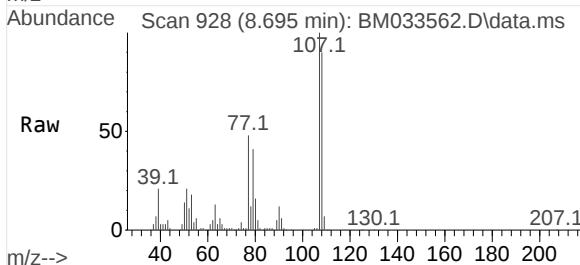
Tgt Ion: 70 Resp: 9255
Ion Ratio Lower Upper
70 100
42 76.5 54.1 81.1
101 9.2 7.8 11.6
130 17.3 13.9 20.9

Manual Integrations
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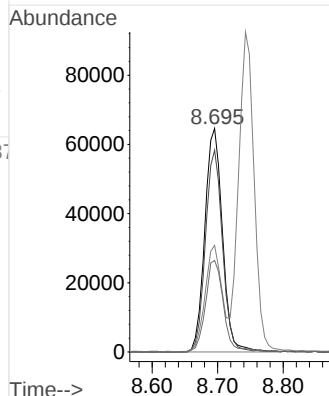
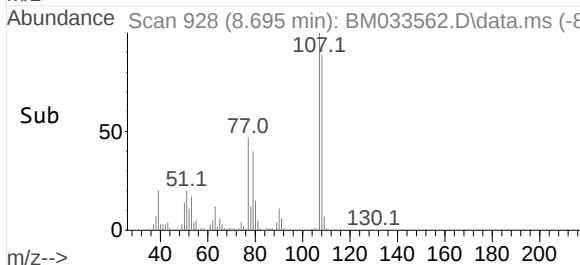
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

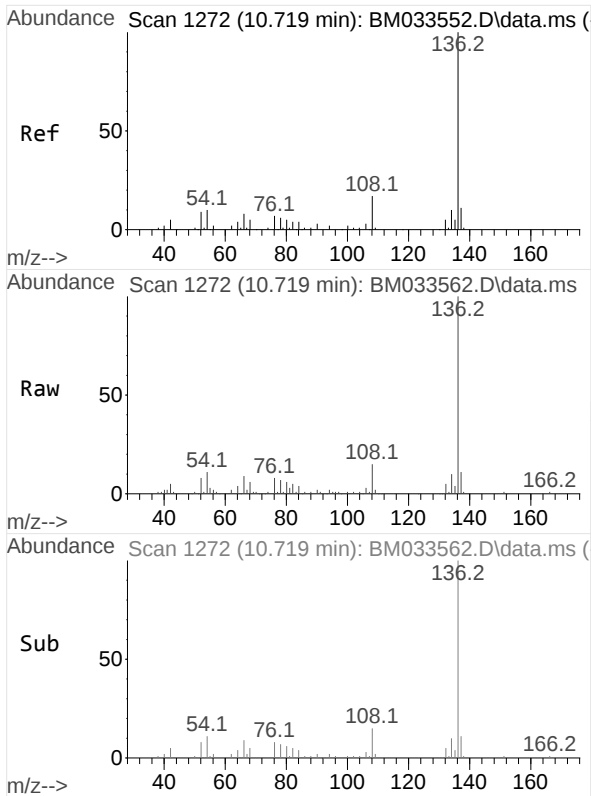


#20
3+4-Methylphenols
Concen: 50.843 ng
RT: 8.695 min Scan# 928
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



Tgt Ion:107 Resp: 121211
Ion Ratio Lower Upper
107 100
108 90.3 64.2 104.2
77 47.7 22.7 62.7
79 41.0 13.9 53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.719 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

Tgt Ion:136 Resp: 126215

Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 11.5 8.3 12.5

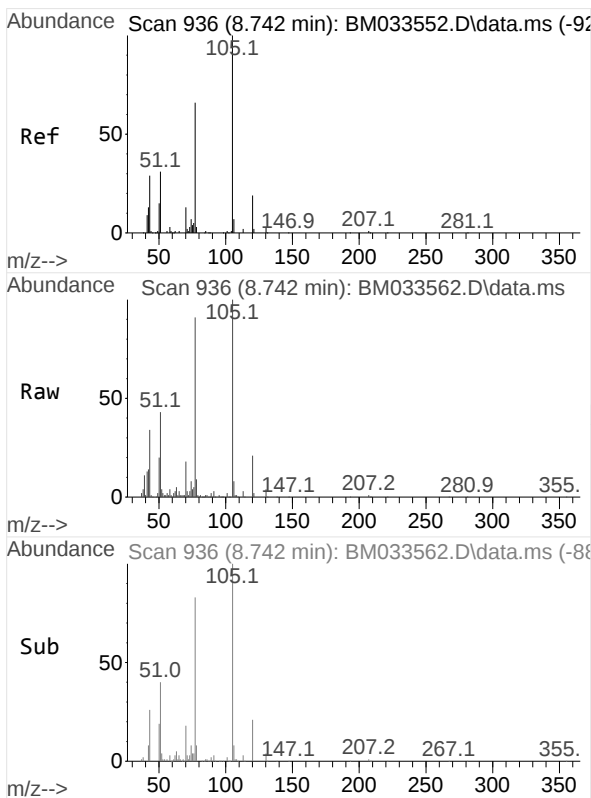
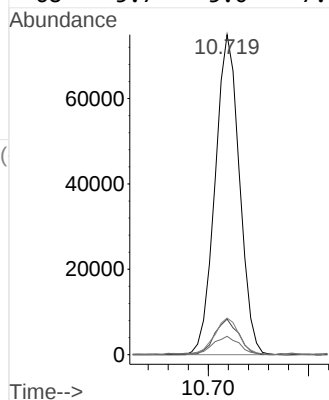
68 5.7 5.0 7.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#22

Acetophenone

Concen: 49.095 ng

RT: 8.742 min Scan# 936

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion:105 Resp: 169746

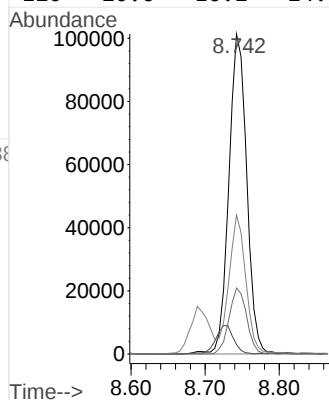
Ion Ratio Lower Upper

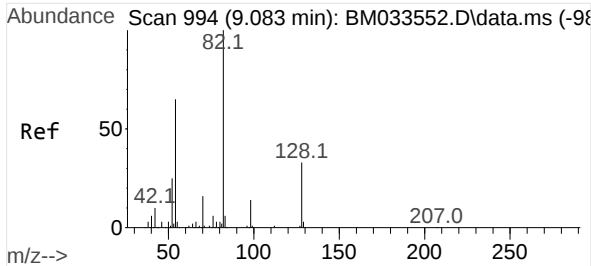
105 100

71 2.9 1.6 2.4#

51 43.5 27.7 41.5#

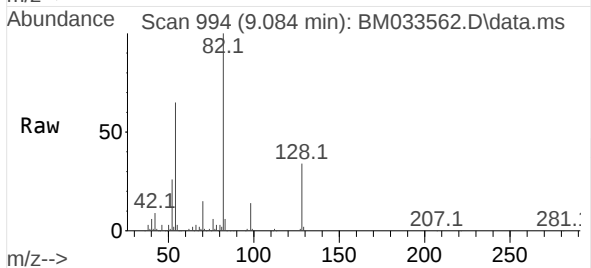
120 20.6 16.2 24.2





#23
Nitrobenzene-d5
Concen: 76.847 ng
RT: 9.084 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

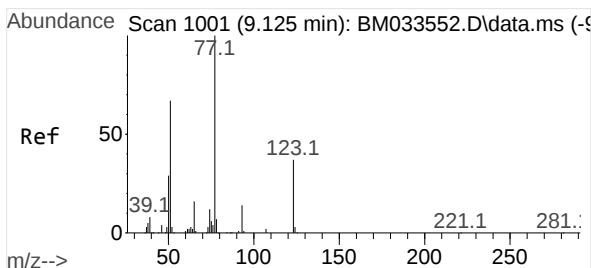
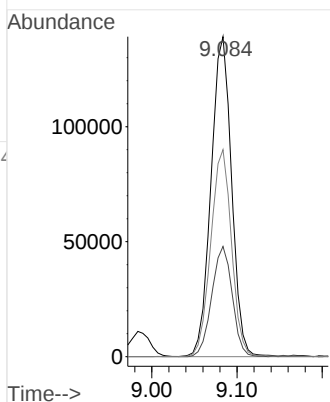
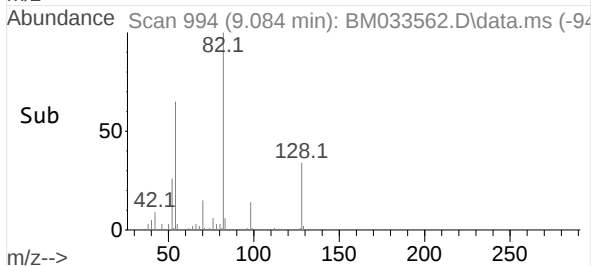
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion: 82 Resp: 233515
Ion Ratio Lower Upper
82 100
128 34.4 28.1 42.1
54 64.7 46.1 69.1

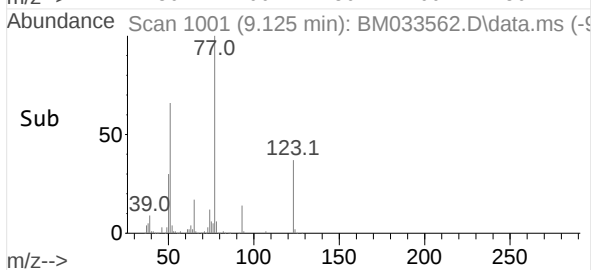
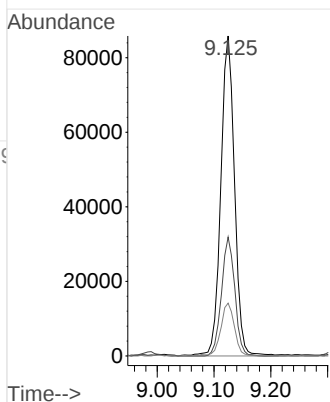
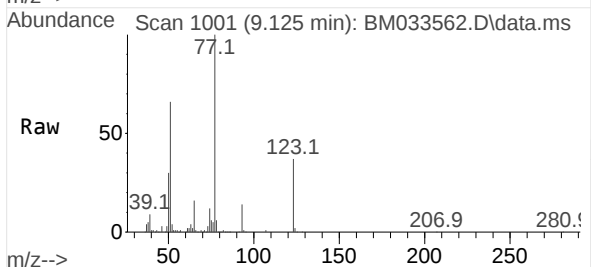
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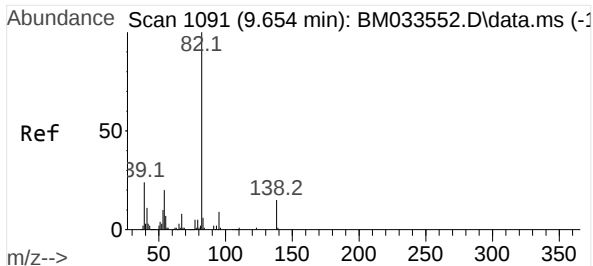
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#24
Nitrobenzene
Concen: 49.873 ng
RT: 9.125 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

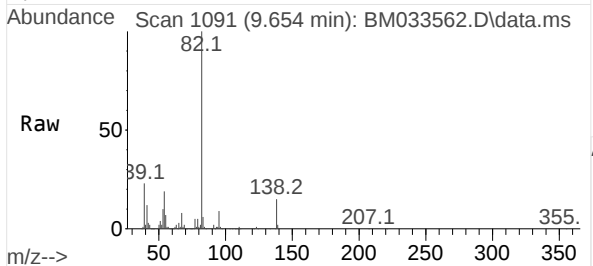
Tgt Ion: 77 Resp: 144845
Ion Ratio Lower Upper
77 100
123 37.2 29.8 44.8
65 16.5 11.5 17.3





#25
Isophorone
Concen: 49.566 ng
RT: 9.654 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

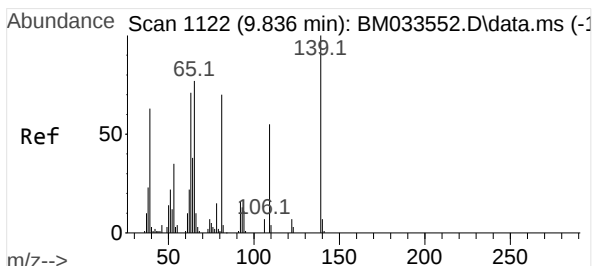
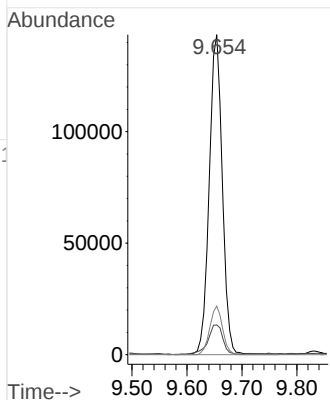
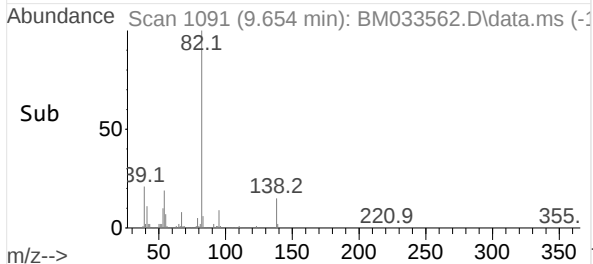
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion: 82 Resp: 237380
Ion Ratio Lower Upper
82 100
95 9.3 6.4 9.6
138 15.2 12.4 18.6

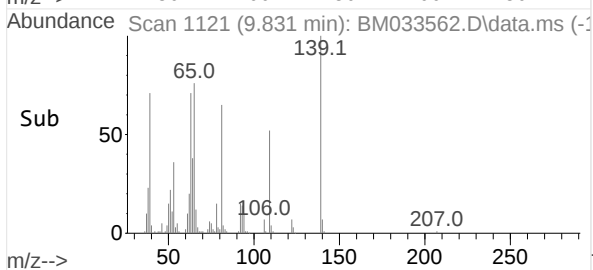
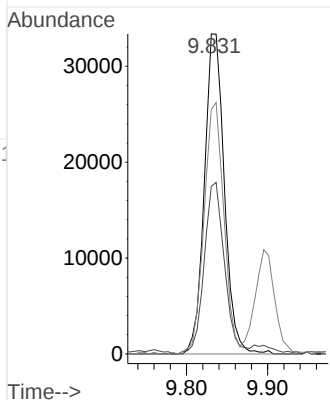
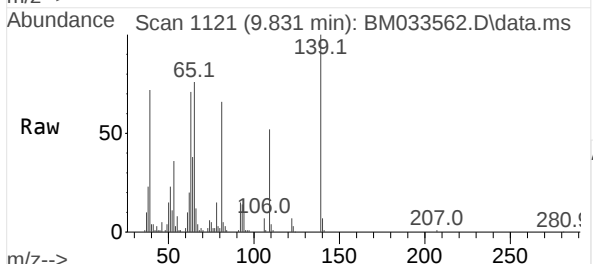
Manual Integrations
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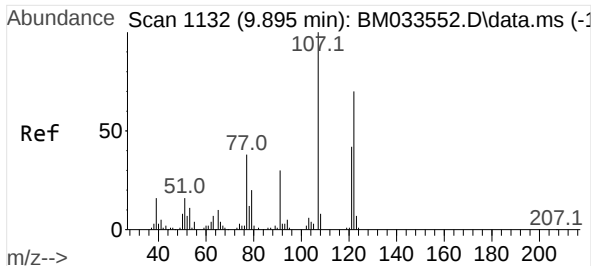
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#26
2-Nitrophenol
Concen: 51.397 ng
RT: 9.831 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:139 Resp: 57020
Ion Ratio Lower Upper
139 100
109 52.4 33.0 49.6#
65 76.4 57.2 85.8





#27

2,4-Dimethylphenol

Concen: 57.380 ng

RT: 9.895 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BM033562.D

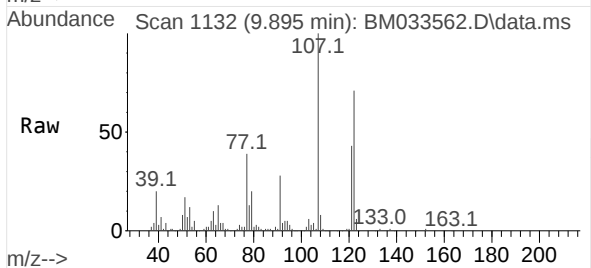
Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD



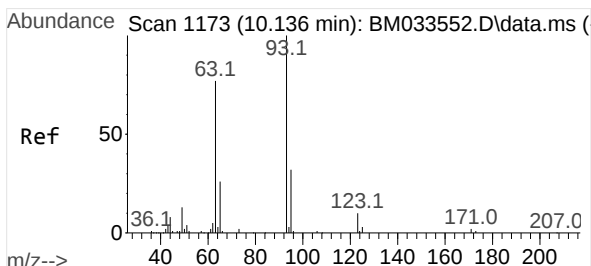
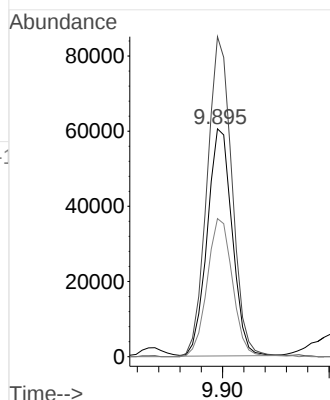
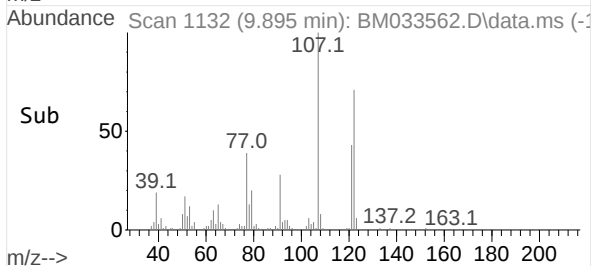
Tgt Ion:	122	Resp:	9828
Ion Ratio	Lower	Upper	
122	100		
107	140.4	105.3	157.9
121	60.6	49.7	74.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#28

bis(2-Chloroethoxy)methane

Concen: 48.537 ng

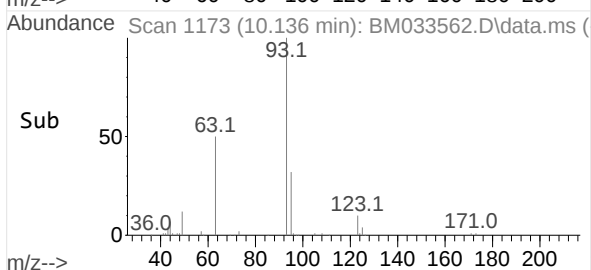
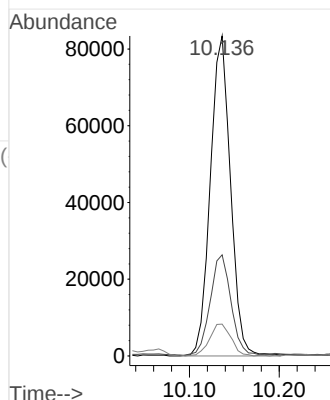
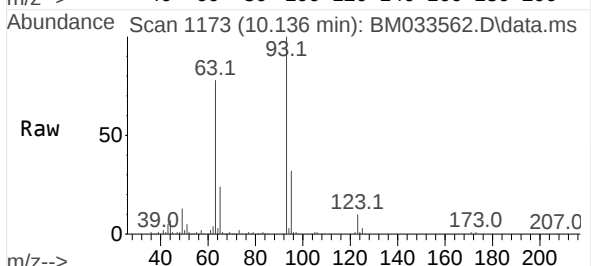
RT: 10.136 min Scan# 1173

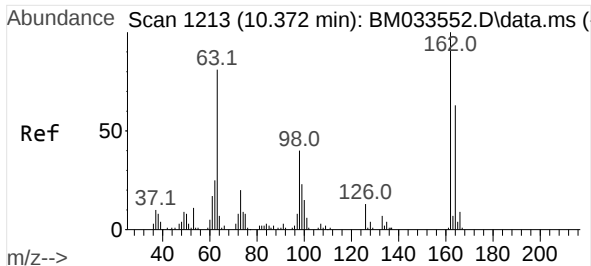
Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion:	93	Resp:	130260
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.8	40.2
123	10.0	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 52.044 ng

RT: 10.372 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033562.D

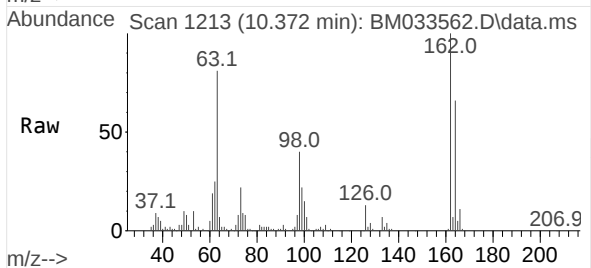
Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD



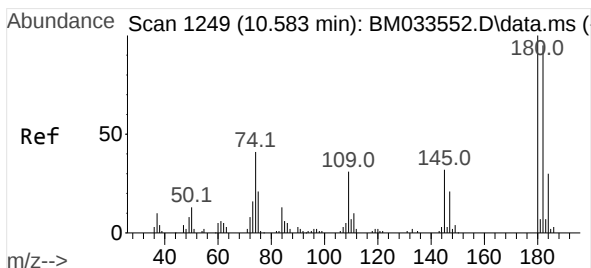
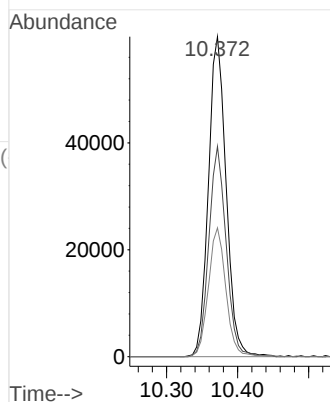
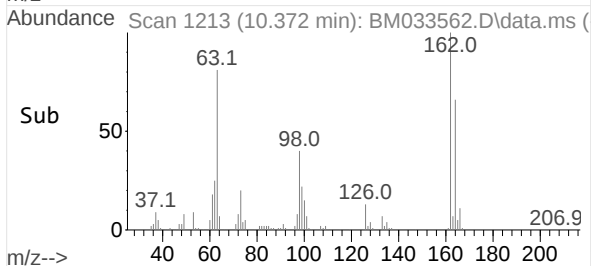
Tgt Ion:	162	Resp:	10390
Ion Ratio	Lower	Upper	
162	100		
164	65.7	44.4	84.4
98	40.2	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#30

1,2,4-Trichlorobenzene

Concen: 48.042 ng

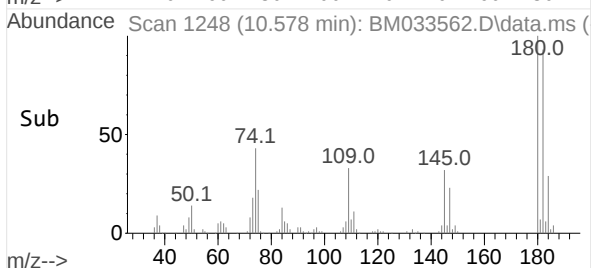
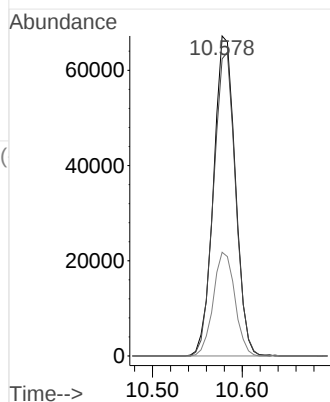
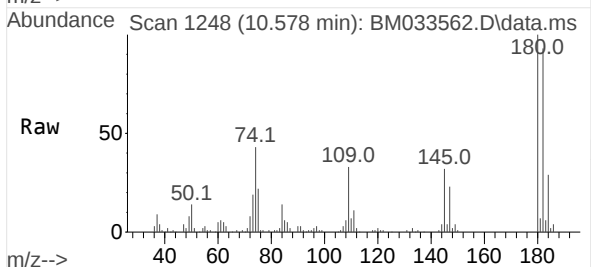
RT: 10.578 min Scan# 1248

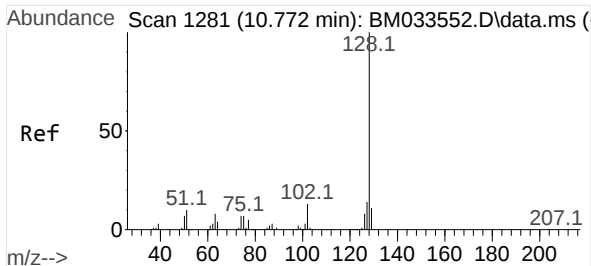
Delta R.T. -0.006 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

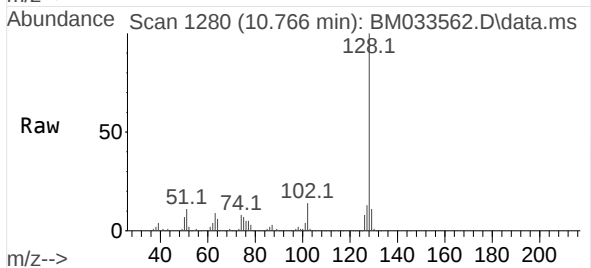
Tgt Ion:	180	Resp:	113024
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.8	116.8
145	32.4	26.0	39.0





#31
Naphthalene
Concen: 48.242 ng
RT: 10.766 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

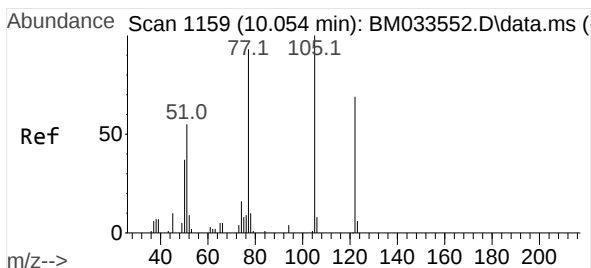
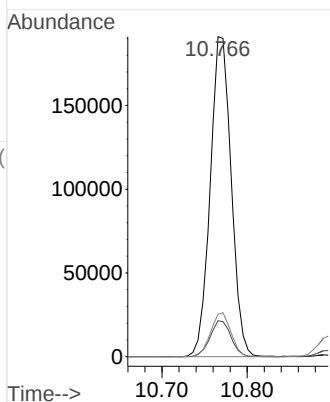
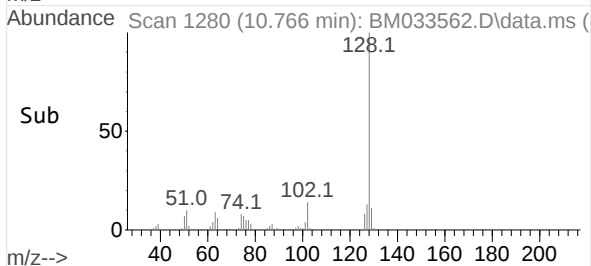
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion:128 Resp: 326834
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.3 10.8 16.2

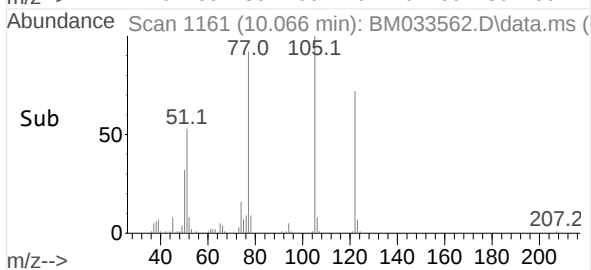
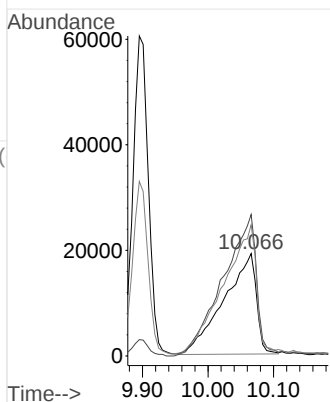
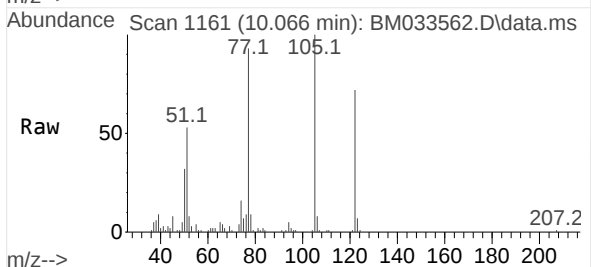
Manual Integrations
APPROVED

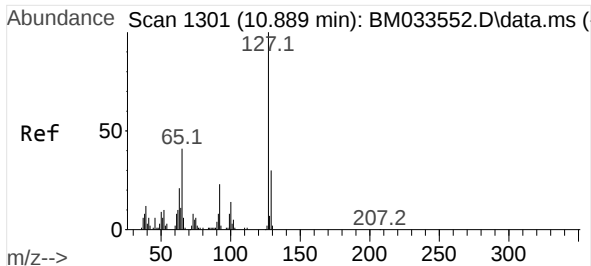
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#32
Benzoic acid
Concen: 47.244 ng
RT: 10.066 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

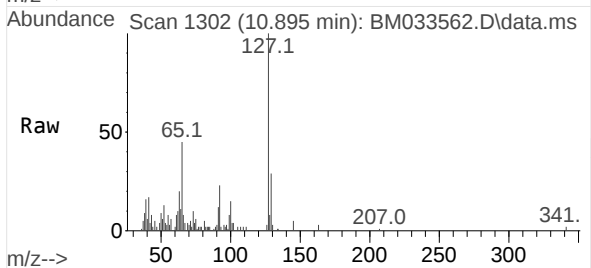
Tgt Ion:122 Resp: 65917
Ion Ratio Lower Upper
122 100
105 138.0 119.6 159.6
77 128.1 101.0 141.0





#33
4-Chloroaniline
Concen: 9.574 ng
RT: 10.895 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

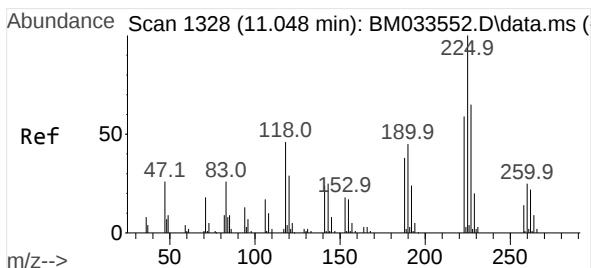
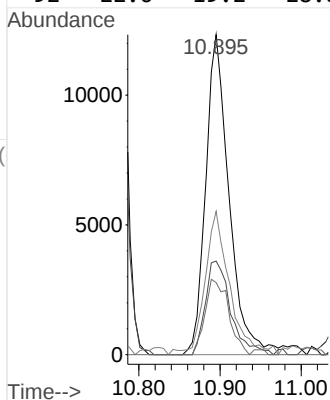
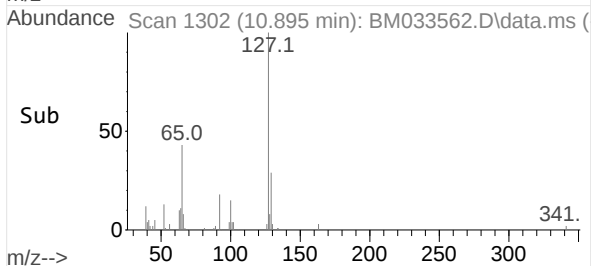
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion:127 Resp: 24650
Ion Ratio Lower Upper
127 100
129 29.3 26.2 39.4
65 44.8 33.0 49.6
92 22.6 19.2 28.8

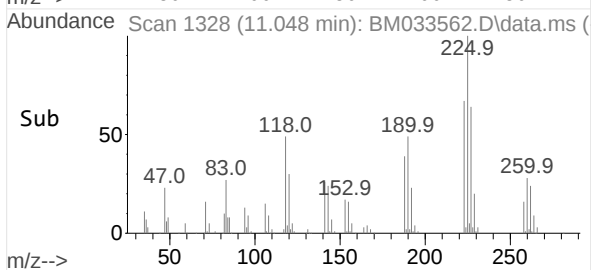
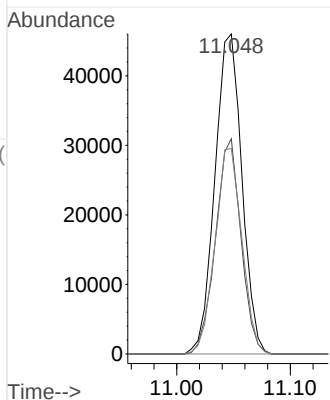
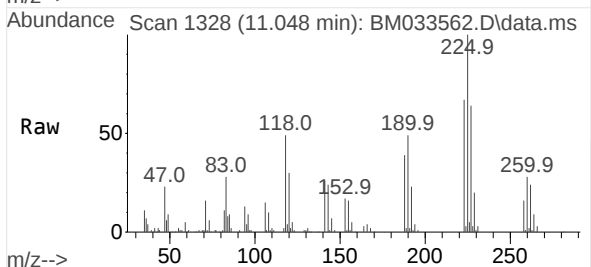
Manual Integrations
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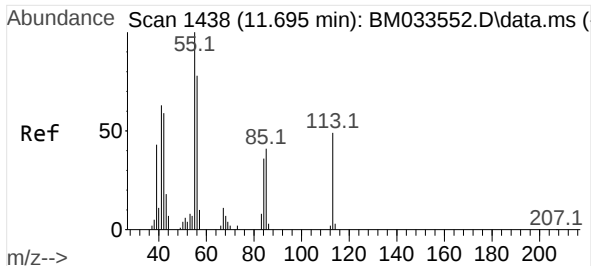
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#34
Hexachlorobutadiene
Concen: 46.969 ng
RT: 11.048 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

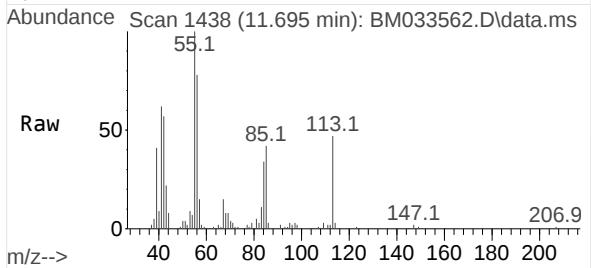
Tgt Ion:225 Resp: 75994
Ion Ratio Lower Upper
225 100
223 67.3 52.5 78.7
227 64.2 52.7 79.1





#35
Caprolactam
Concen: 73.361 ng
RT: 11.695 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

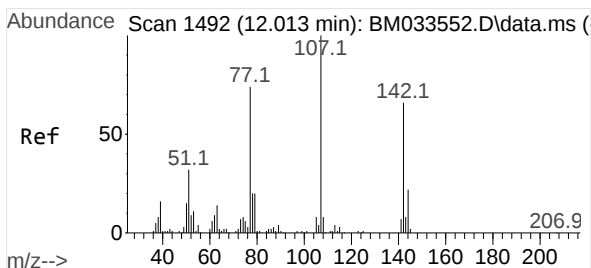
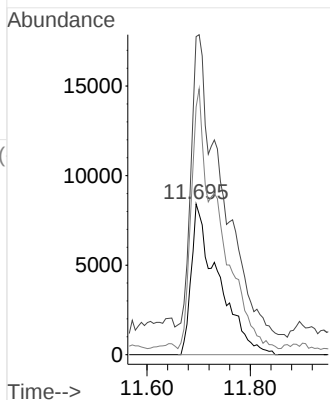
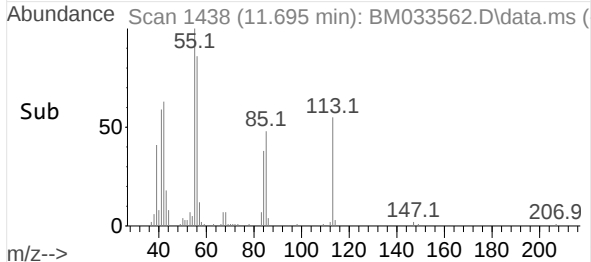
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



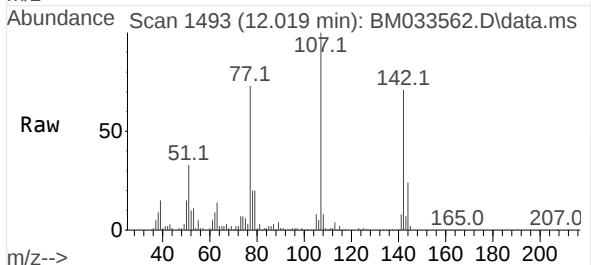
Tgt Ion:113 Resp: 3065
Ion Ratio Lower Upper
113 100
55 211.0 183.6 223.6
56 164.3 143.7 183.7

Manual Integrations
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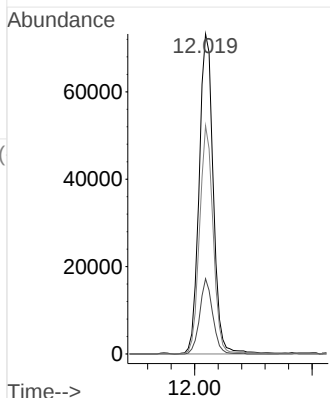
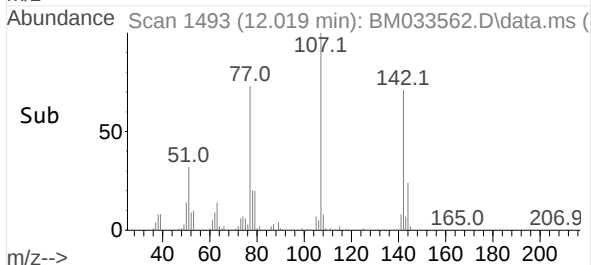
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



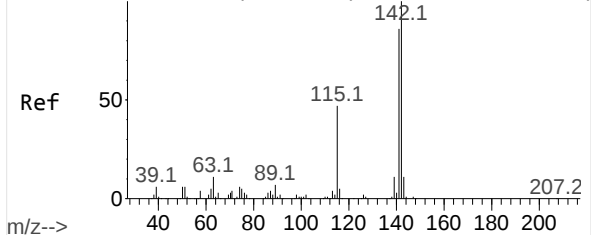
#36
4-Chloro-3-methylphenol
Concen: 47.495 ng
RT: 12.019 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



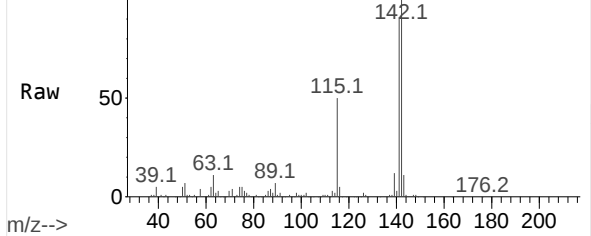
Tgt Ion:107 Resp: 122049
Ion Ratio Lower Upper
107 100
144 23.5 18.6 27.8
142 71.3 56.9 85.3



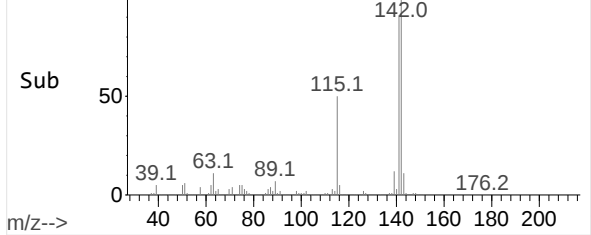
Abundance Scan 1554 (12.377 min): BM033552.D\data.ms (



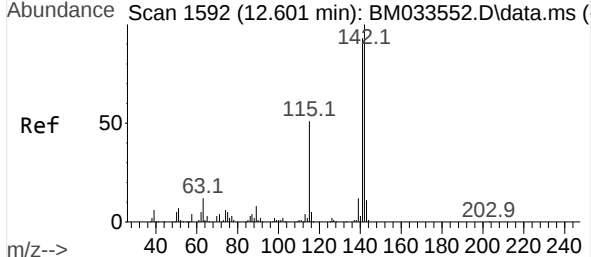
Ref 50 m/z-->



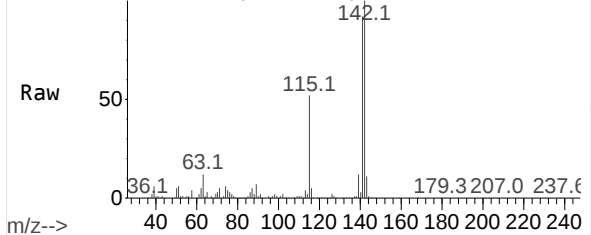
Abundance Scan 1555 (12.383 min): BM033562.D\data.ms (



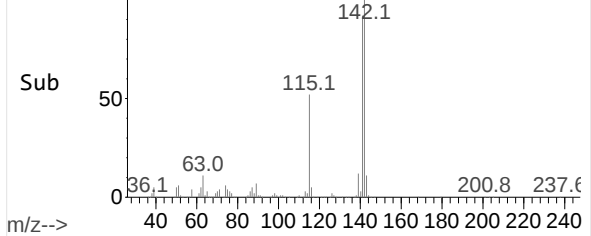
Sub 50 m/z-->



Ref 50 m/z-->



Abundance Scan 1592 (12.601 min): BM033562.D\data.ms (



Sub 50 m/z-->

#37

2-Methylnaphthalene

Concen: 50.321 ng

RT: 12.383 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion:142 Resp: 244235

Ion Ratio Lower Upper

142 100

141 91.1 72.2 108.2

115 49.5 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

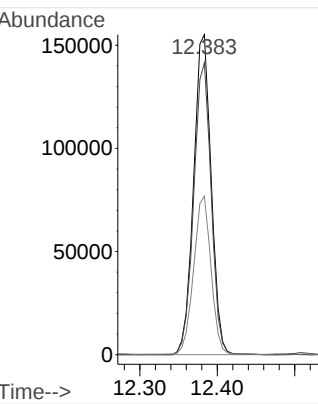
HB-2-(20-25)-12-17-21MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#38

1-Methylnaphthalene

Concen: 46.387 ng

RT: 12.601 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

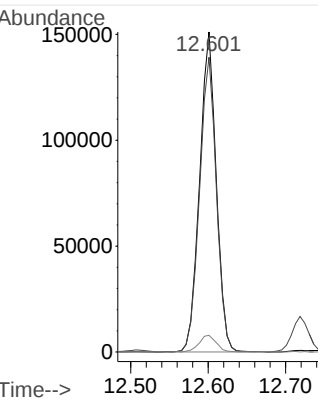
Tgt Ion:142 Resp: 224993

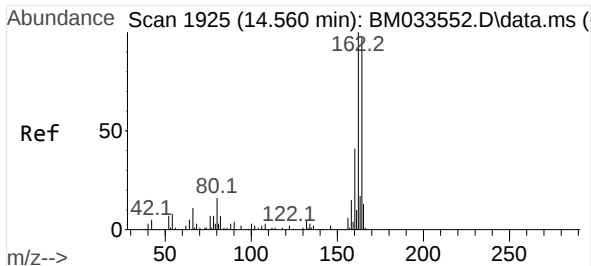
Ion Ratio Lower Upper

142 100

141 92.1 75.0 112.4

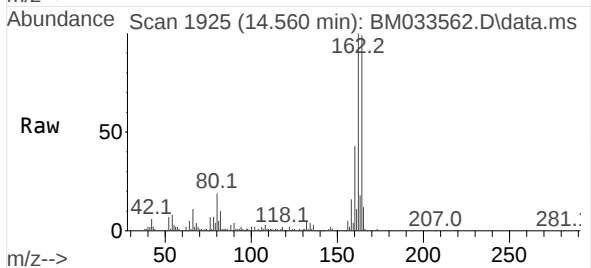
116 5.2 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

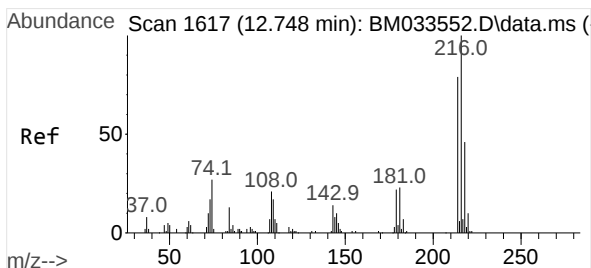
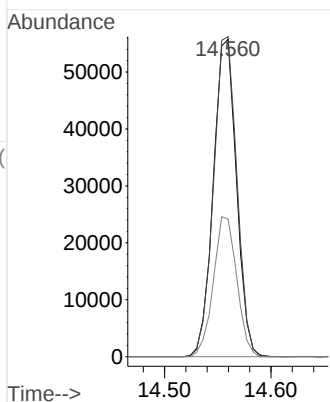
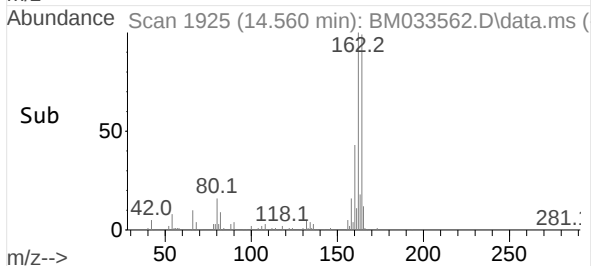
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



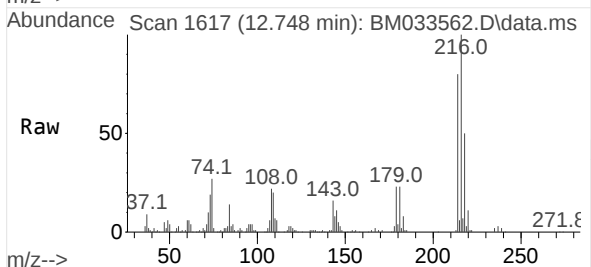
Tgt Ion:164 Resp: 83875
Ion Ratio Lower Upper
164 100
162 100.8 79.7 119.5
160 43.3 34.2 51.4

Manual Integrations
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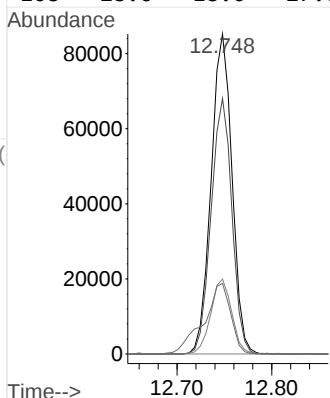
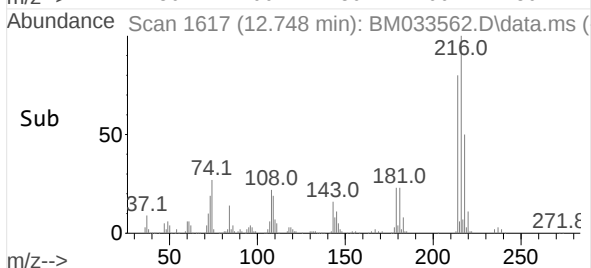
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

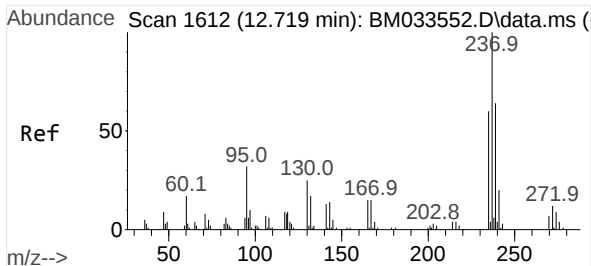


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.127 ng
RT: 12.748 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



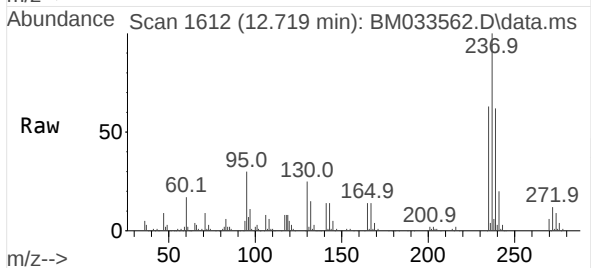
Tgt Ion:216 Resp: 130444
Ion Ratio Lower Upper
216 100
214 79.4 62.6 93.8
179 23.5 18.2 27.2
108 28.6 18.0 27.0#





#41
Hexachlorocyclopentadiene
Concen: 130.154 ng
RT: 12.719 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

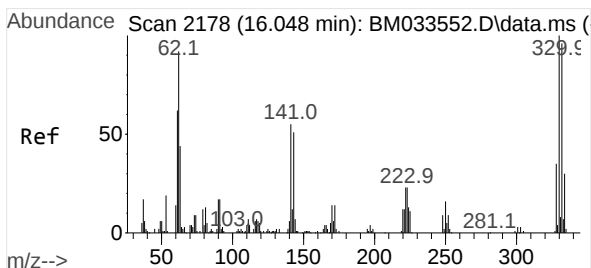
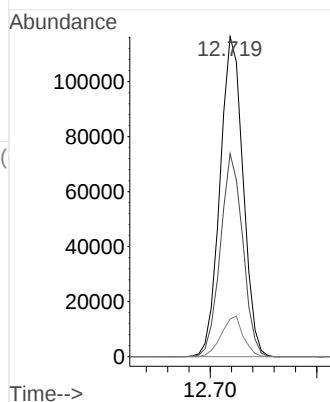
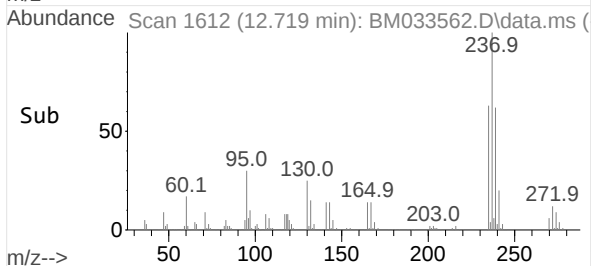
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion:237 Resp: 174330
Ion Ratio Lower Upper
237 100
235 63.4 41.7 81.7
272 11.8 0.0 32.5

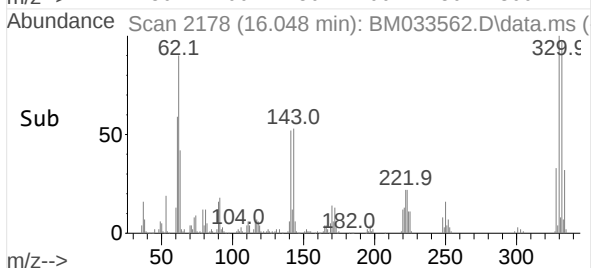
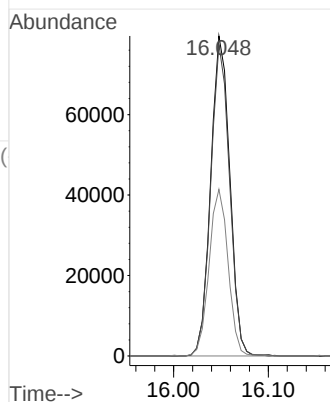
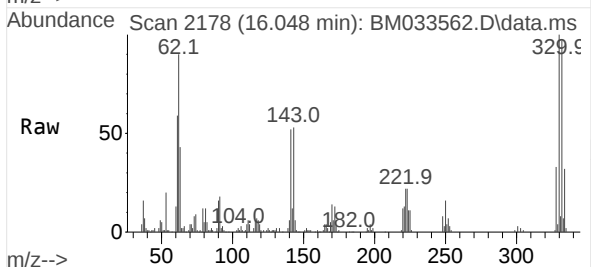
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

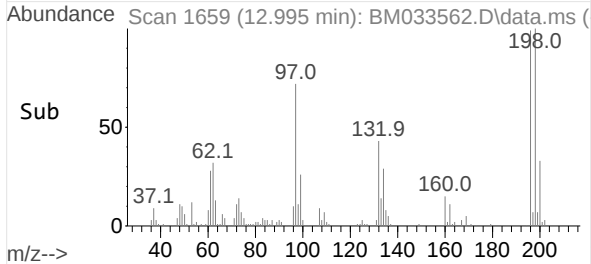
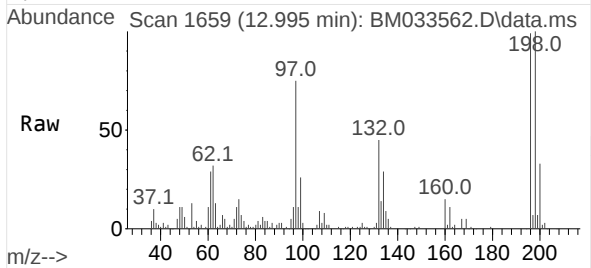
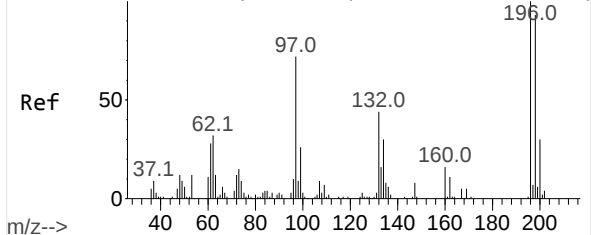


#42
2,4,6-Tribromophenol
Concen: 107.898 ng
RT: 16.048 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion:330 Resp: 111436
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 51.9 35.9 53.9



Abundance Scan 1659 (12.995 min): BM033552.D\data.ms (



#43

2,4,6-Trichlorophenol

Concen: 50.882 ng

RT: 12.995 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

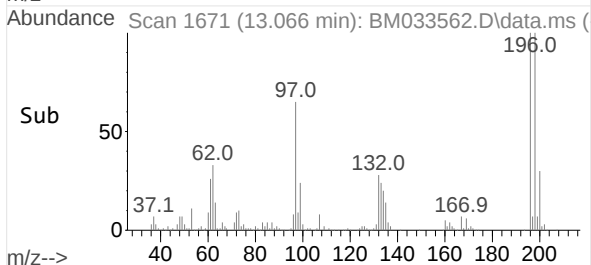
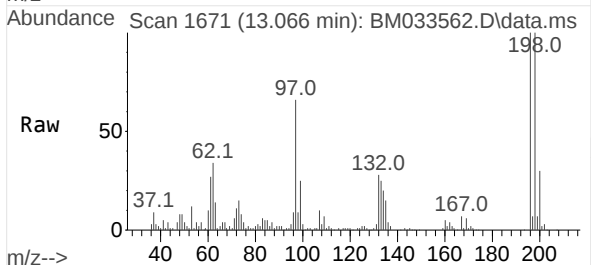
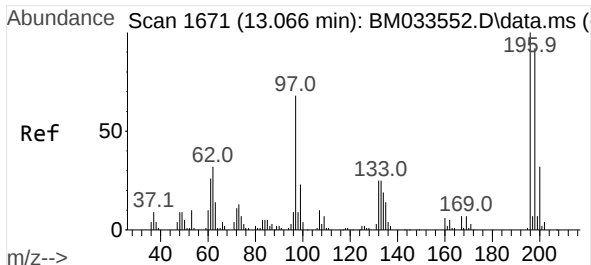
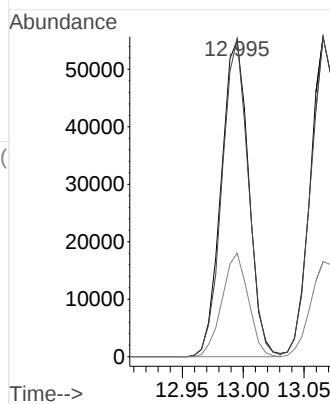
Tgt Ion:	196	Resp:	86300
Ion Ratio	Lower	Upper	
196	100		
198	100.7	75.1	112.7
200	32.8	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#44

2,4,5-Trichlorophenol

Concen: 50.057 ng

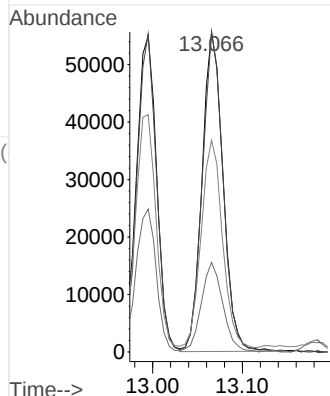
RT: 13.066 min Scan# 1671

Delta R.T. 0.000 min

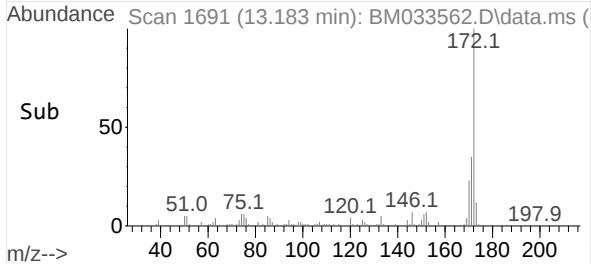
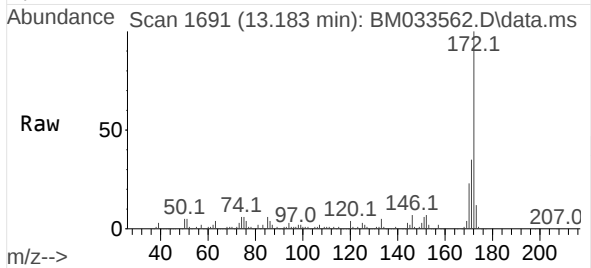
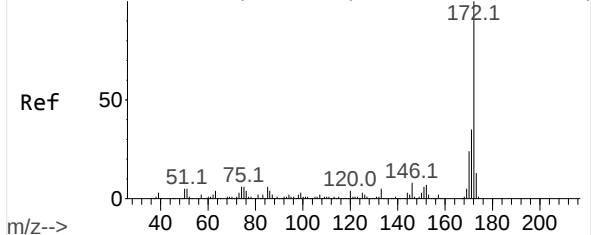
Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion:	196	Resp:	90132
Ion Ratio	Lower	Upper	
196	100		
198	100.0	77.8	116.6
97	66.2	49.7	74.5
132	28.0	23.4	35.0



Abundance Scan 1691 (13.183 min): BM033552.D\data.ms (



#45

2-Fluorobiphenyl

Concen: 76.904 ng

RT: 13.183 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

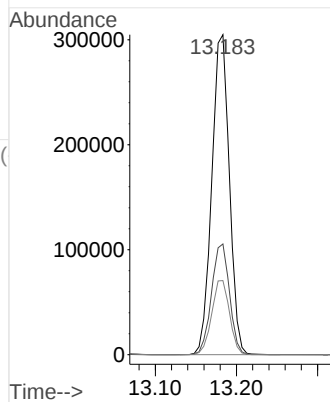
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	23.1	18.7	28.1

Manual Integrations

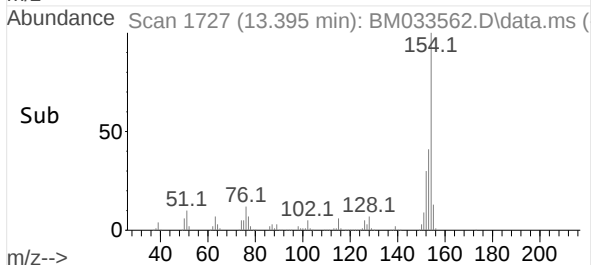
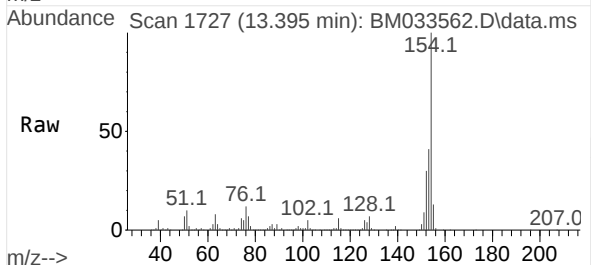
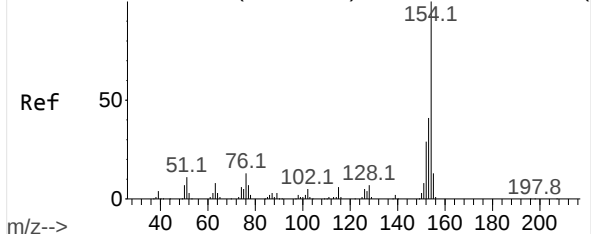
APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



Abundance Scan 1726 (13.389 min): BM033552.D\data.ms (



#46

1,1'-Biphenyl

Concen: 52.413 ng

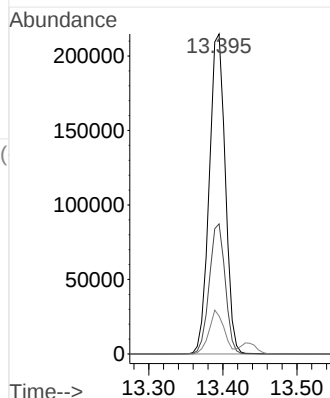
RT: 13.395 min Scan# 1727

Delta R.T. 0.006 min

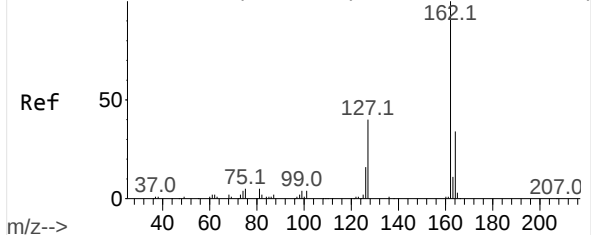
Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	11.9	0.0	34.4



Abundance Scan 1734 (13.436 min): BM033552.D\data.ms (



#47

2-Chloronaphthalene

Concen: 50.974 ng

RT: 13.436 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

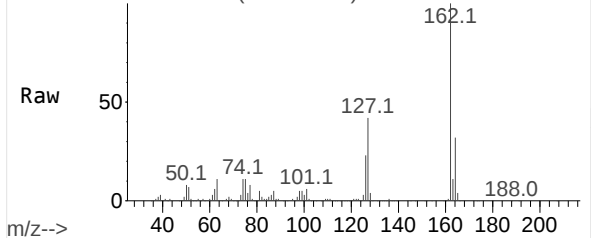
Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

Abundance Scan 1734 (13.436 min): BM033562.D\data.ms



Tgt Ion:162 Resp: 243390

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 32.3 26.2 39.4

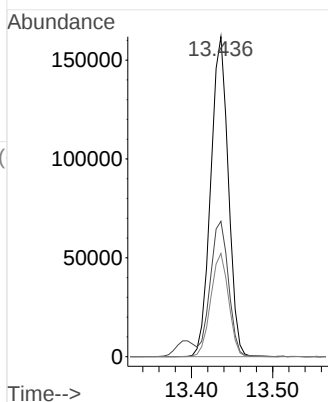
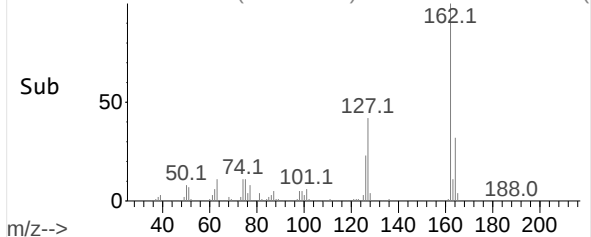
Manual Integrations

APPROVED

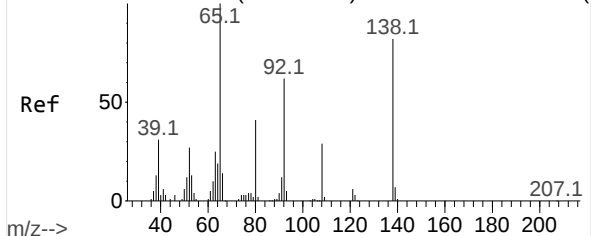
Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021

Abundance Scan 1734 (13.436 min): BM033562.D\data.ms (



Abundance Scan 1770 (13.648 min): BM033552.D\data.ms (



#48

2-Nitroaniline

Concen: 50.427 ng

RT: 13.648 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion: 65 Resp: 91981

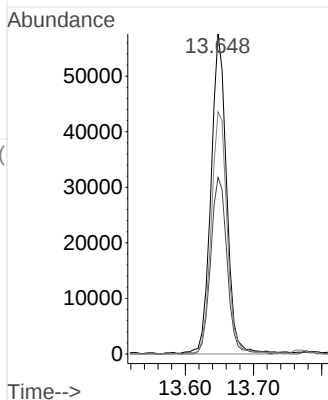
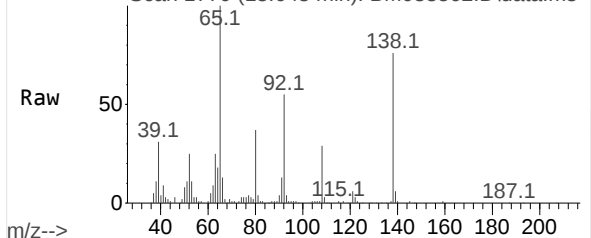
Ion Ratio Lower Upper

65 100

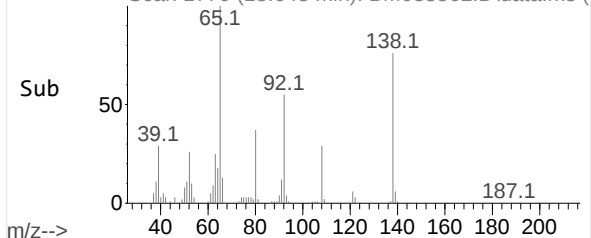
92 55.1 50.0 75.0

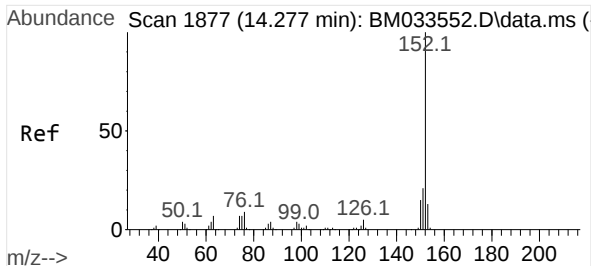
138 75.6 65.7 98.5

Abundance Scan 1770 (13.648 min): BM033562.D\data.ms



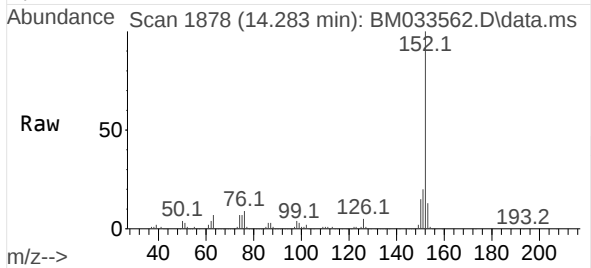
Abundance Scan 1770 (13.648 min): BM033562.D\data.ms (





#49
Acenaphthylene
Concen: 50.727 ng
RT: 14.283 min Scan# 1877
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

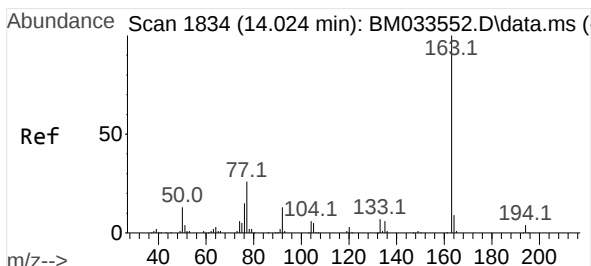
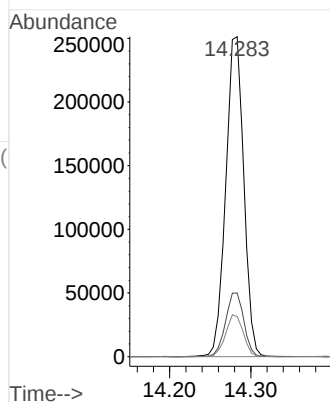
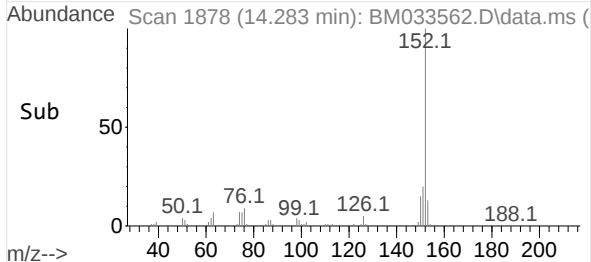
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



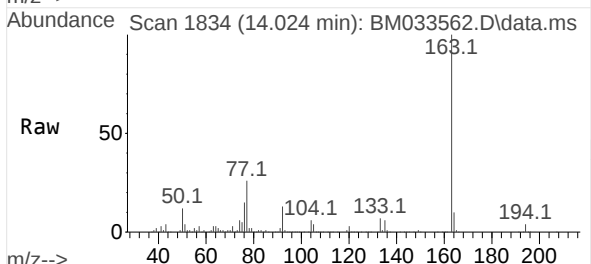
Tgt Ion:152 Resp: 387920
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 12.6 10.4 15.6

Manual Integrations
APPROVED

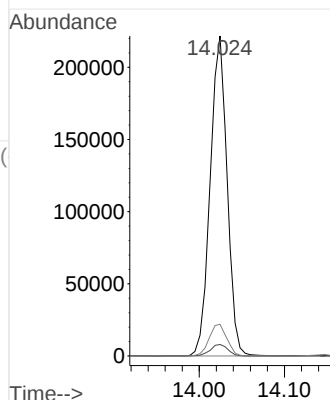
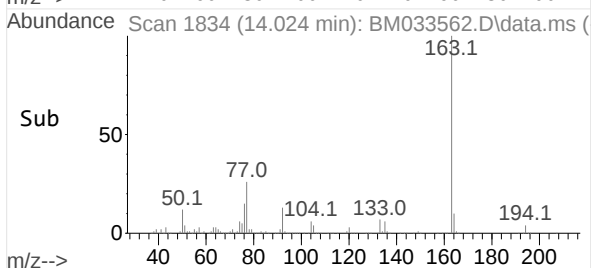
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



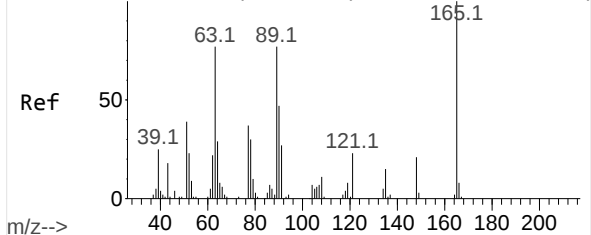
#50
Dimethylphthalate
Concen: 47.334 ng
RT: 14.024 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



Tgt Ion:163 Resp: 306045
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 8.6 12.8



Abundance Scan 1854 (14.142 min): BM033552.D\data.ms (



#51

2,6-Dinitrotoluene

Concen: 49.235 ng

RT: 14.142 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

Tgt Ion:	165	Resp:	6354
Ion Ratio	Lower	Upper	
165	100		
63	92.8	56.9	85.3
89	83.8	54.3	81.5

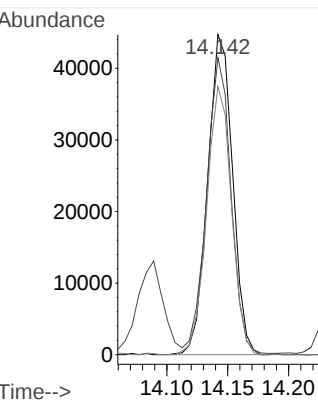
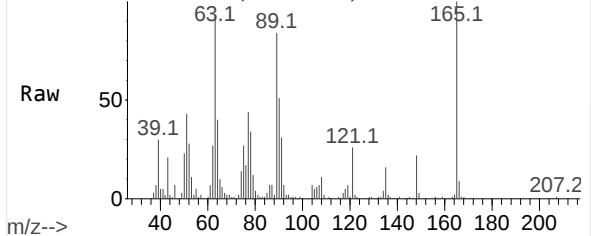
Manual Integrations

APPROVED

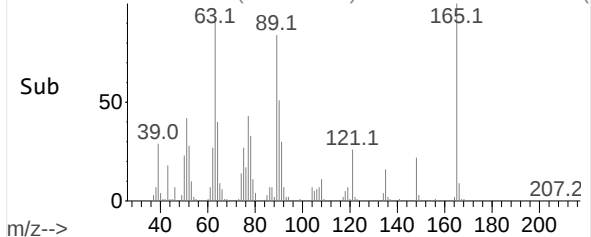
Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021

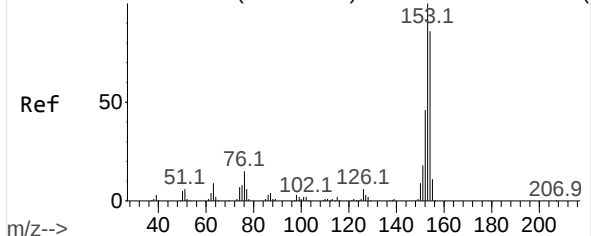
Abundance Scan 1854 (14.142 min): BM033562.D\data.ms



Abundance Scan 1854 (14.142 min): BM033562.D\data.ms (



Abundance Scan 1936 (14.624 min): BM033552.D\data.ms (



#52

Acenaphthene

Concen: 50.166 ng

RT: 14.624 min Scan# 1936

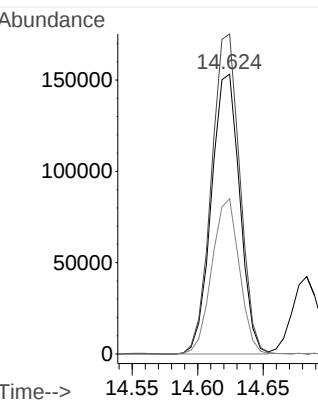
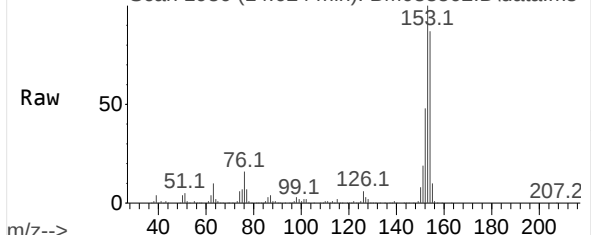
Delta R.T. 0.000 min

Lab File: BM033562.D

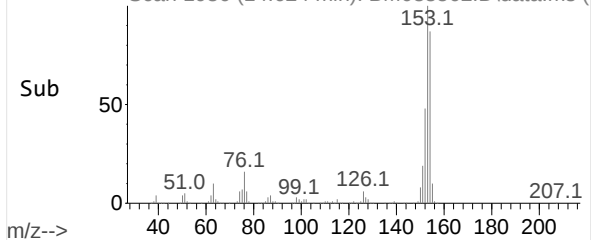
Acq: 21 Dec 2021 20:02

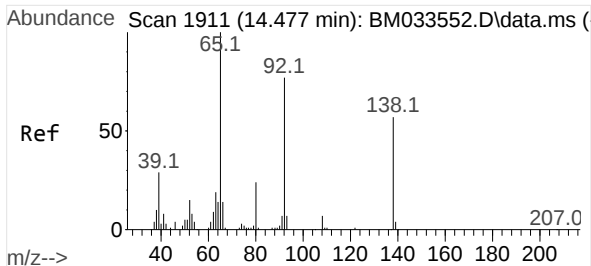
Tgt Ion:	154	Resp:	230471
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.2	135.4
152	55.4	43.5	65.3

Abundance Scan 1936 (14.624 min): BM033562.D\data.ms



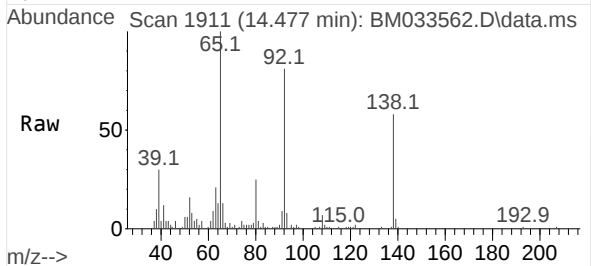
Abundance Scan 1936 (14.624 min): BM033562.D\data.ms (





#53
3-Nitroaniline
Concen: 21.505 ng
RT: 14.477 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

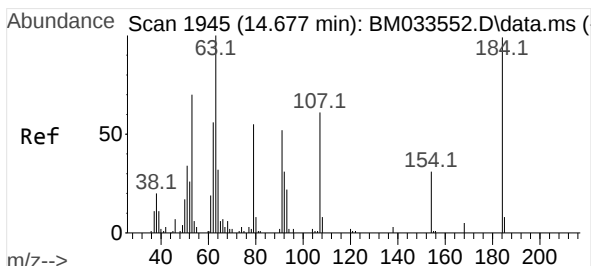
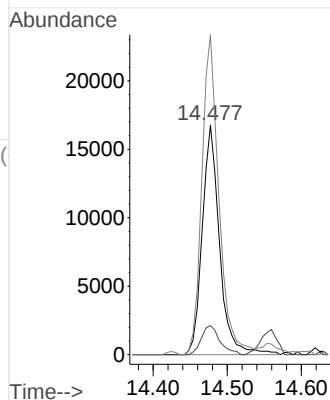
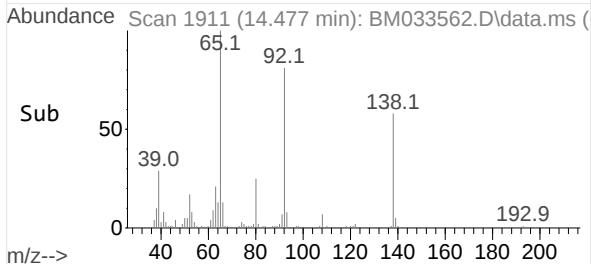
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



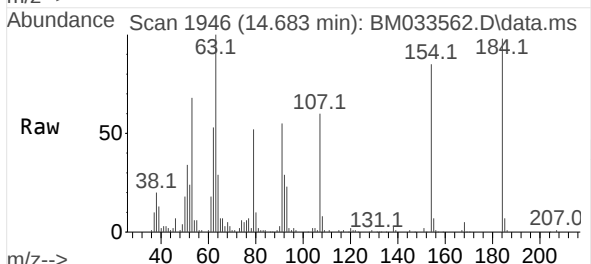
Tgt Ion:138 Resp: 2725
Ion Ratio Lower Upper
138 100
108 12.7 9.5 14.3
92 139.5 106.6 159.8

Manual Integrations
APPROVED

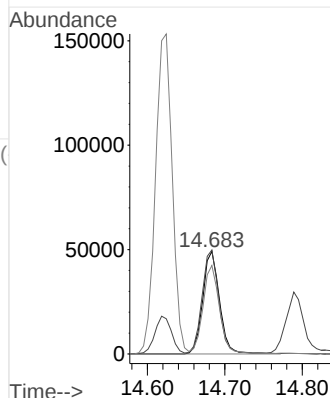
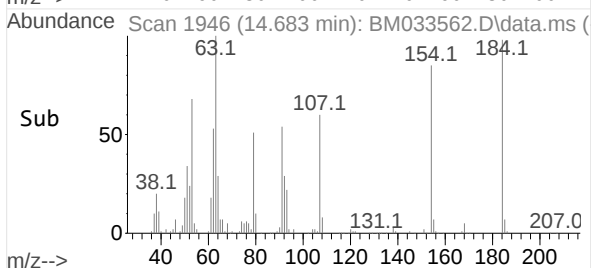
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

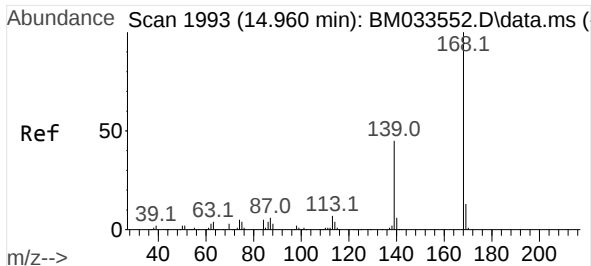


#54
2,4-Dinitrophenol
Concen: 91.833 ng
RT: 14.683 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



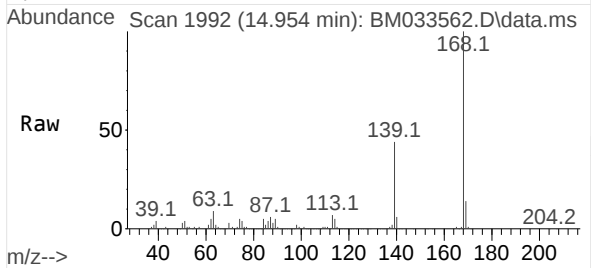
Tgt Ion:184 Resp: 73766
Ion Ratio Lower Upper
184 100
63 101.5 71.8 107.6
154 86.3 55.7 83.5#





#55
Dibenzenofuran
Concen: 47.964 ng
RT: 14.954 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

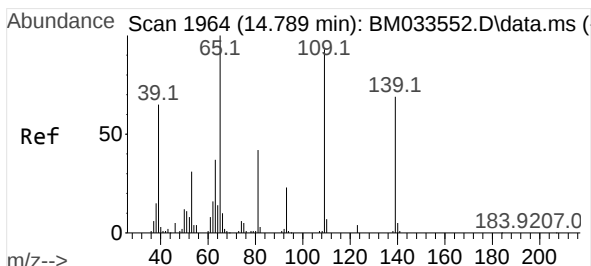
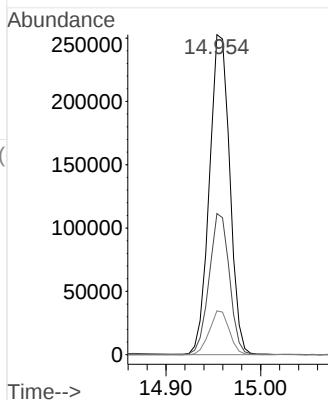
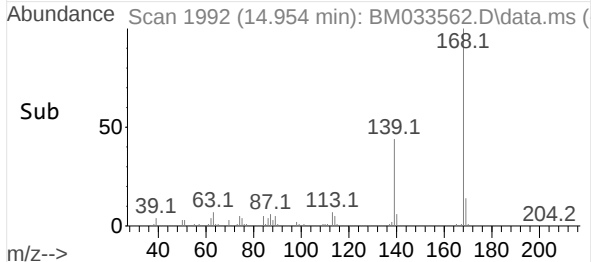
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



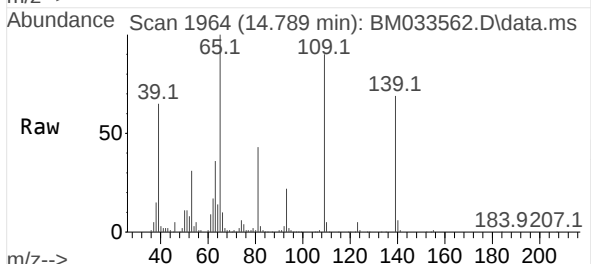
Tgt Ion:168 Resp: 377328
Ion Ratio Lower Upper
168 100
139 44.1 31.4 47.2
169 13.7 10.6 15.8

Manual Integrations
APPROVED

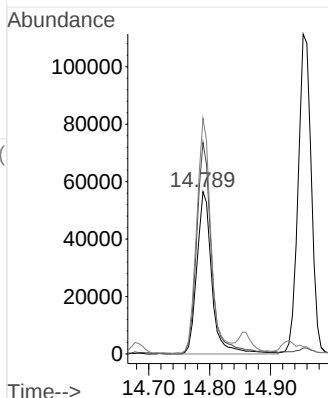
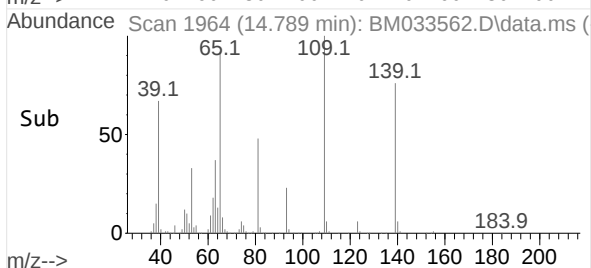
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

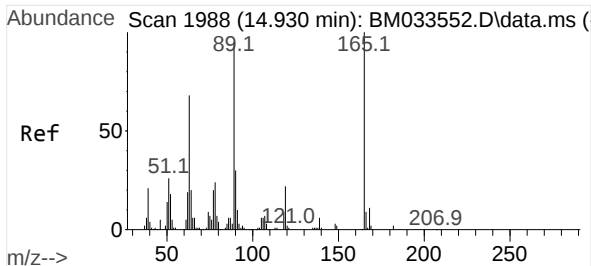


#56
4-Nitrophenol
Concen: 98.597 ng
RT: 14.789 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



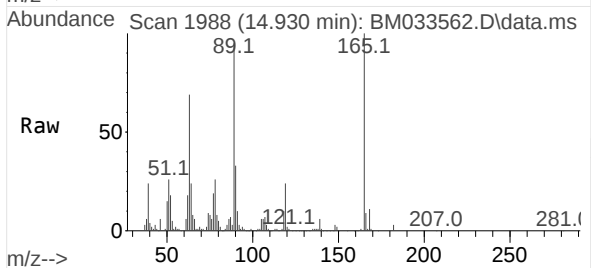
Tgt Ion:139 Resp: 96474
Ion Ratio Lower Upper
139 100
109 130.3 75.3 115.3#
65 145.3 107.4 147.4





#57
2,4-Dinitrotoluene
Concen: 49.623 ng
RT: 14.930 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

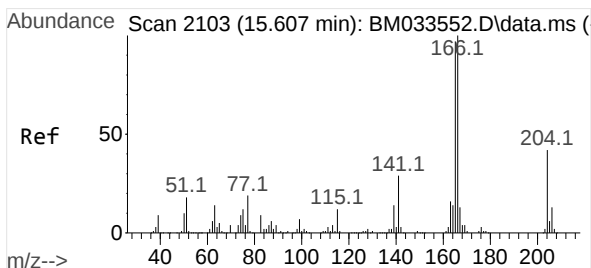
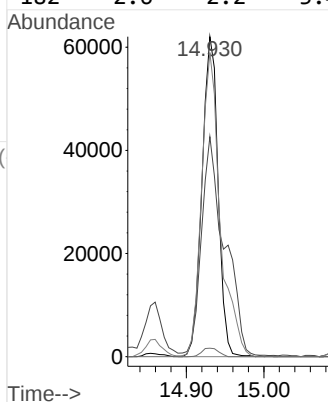
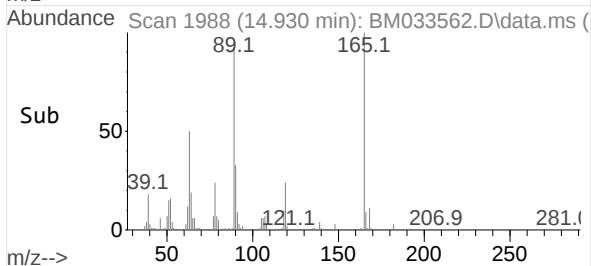
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



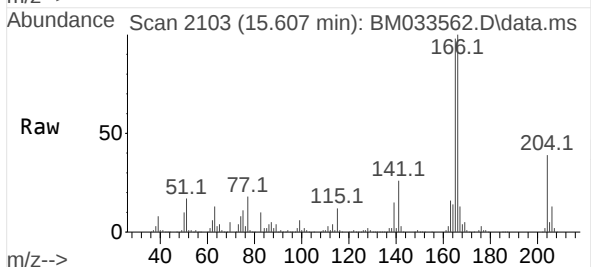
Tgt Ion:165 Resp: 89399
Ion Ratio Lower Upper
165 100
63 68.7 46.2 69.4
89 95.0 72.0 108.0
182 2.6 2.2 3.4

Manual Integrations
APPROVED

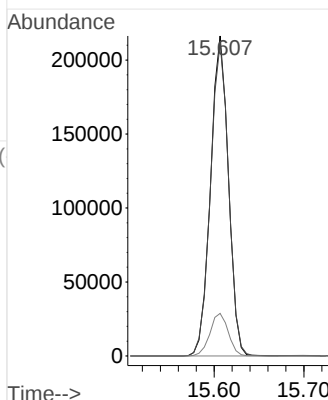
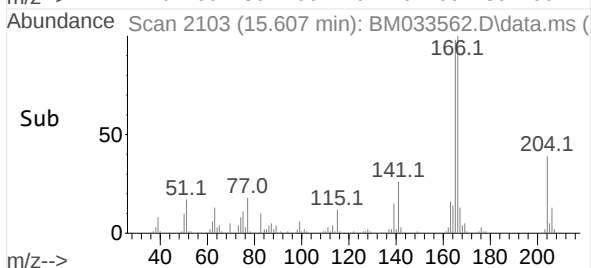
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

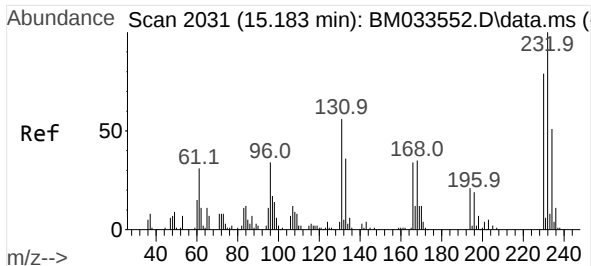


#58
Fluorene
Concen: 47.058 ng
RT: 15.607 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



Tgt Ion:166 Resp: 298428
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.3 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.475 ng

RT: 15.183 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BM033562.D

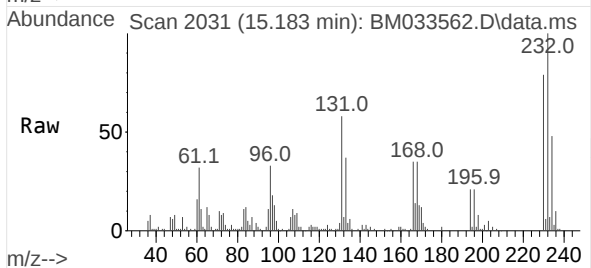
Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD



Tgt Ion:232 Resp: 76814

Ion Ratio Lower Upper

232 100

131 56.6 41.4 62.0

130 3.7 2.4 3.6

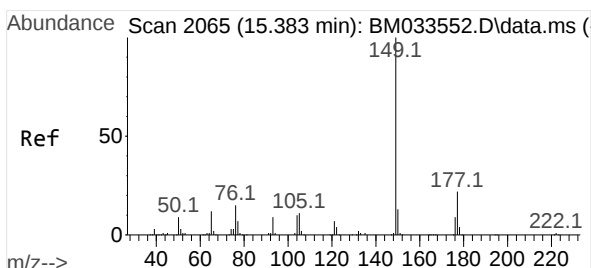
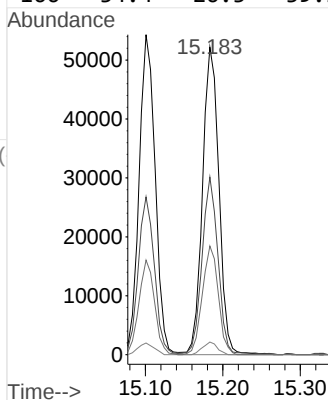
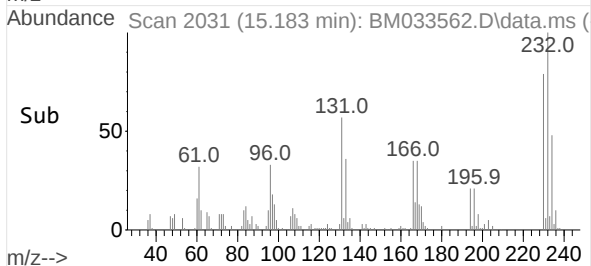
166 34.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#60

Diethylphthalate

Concen: 46.640 ng

RT: 15.383 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

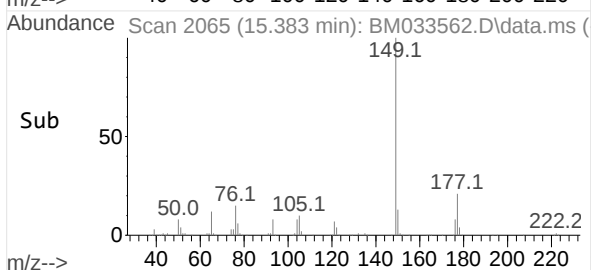
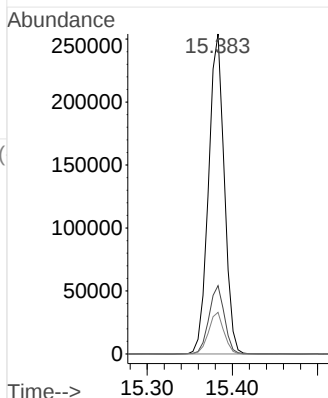
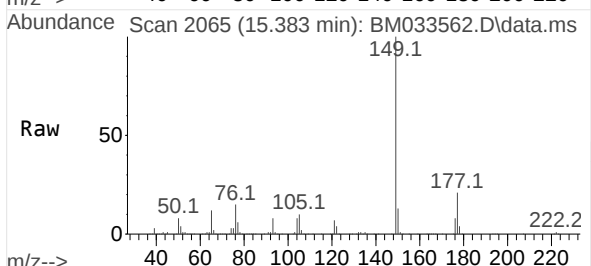
Tgt Ion:149 Resp: 325370

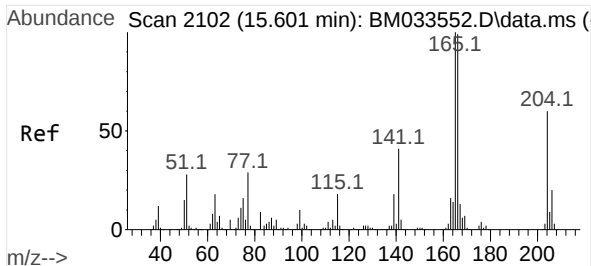
Ion Ratio Lower Upper

149 100

177 21.4 17.5 26.3

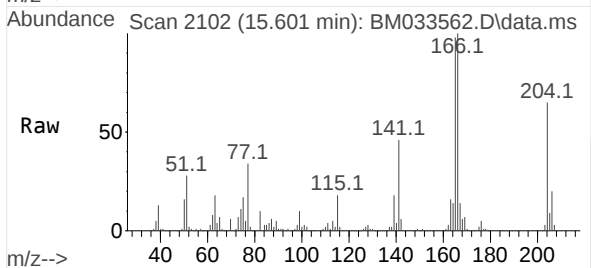
150 13.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.338 ng
RT: 15.601 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

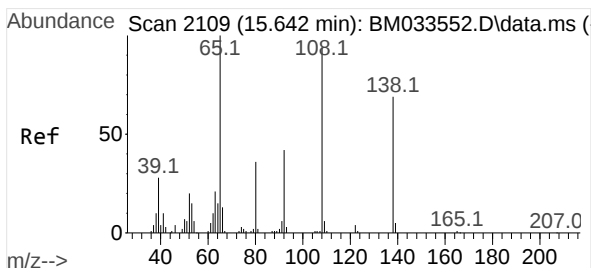
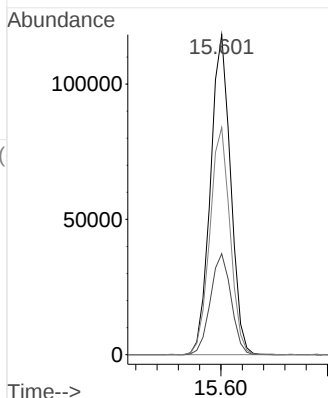
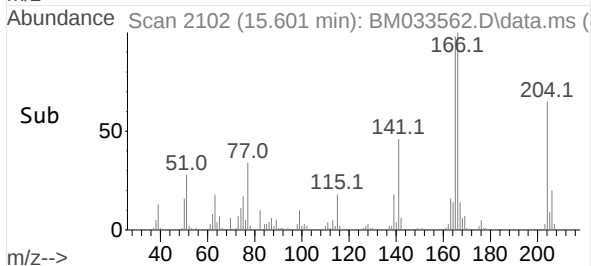
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



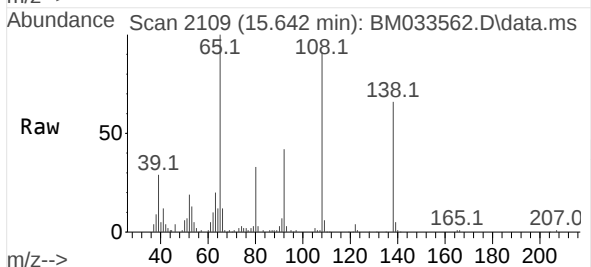
Tgt Ion:204 Resp: 15490
Ion Ratio Lower Upper
204 100
206 31.5 25.4 38.2
141 71.0 50.6 76.0

Manual Integrations
APPROVED

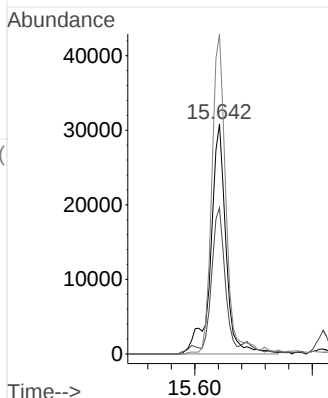
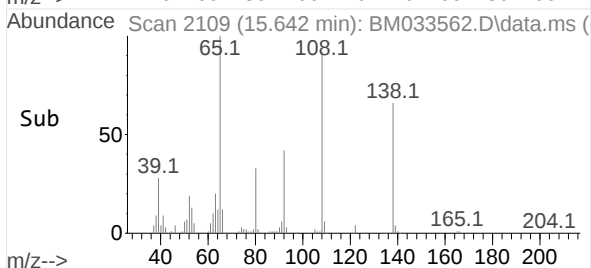
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

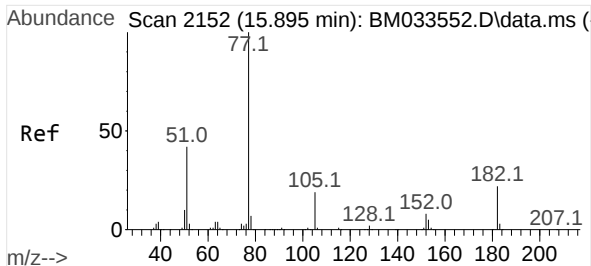


#62
4-Nitroaniline
Concen: 42.447 ng
RT: 15.642 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



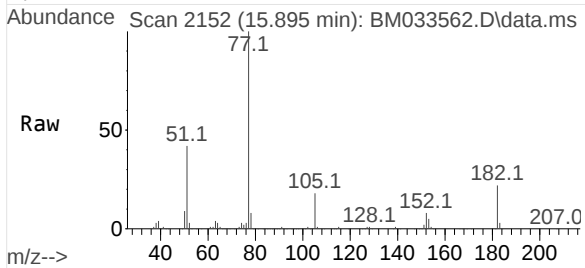
Tgt Ion:138 Resp: 55437
Ion Ratio Lower Upper
138 100
92 63.6 38.7 78.7
108 139.1 81.9 121.9#





#63
 Azobenzene
 Concen: 46.322 ng
 RT: 15.895 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

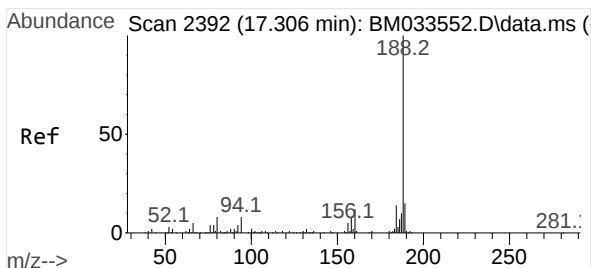
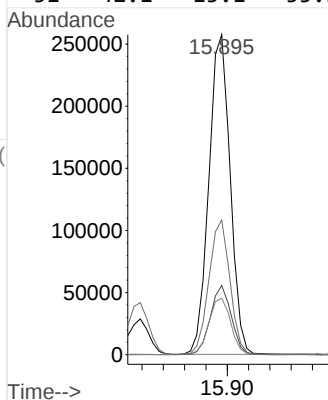
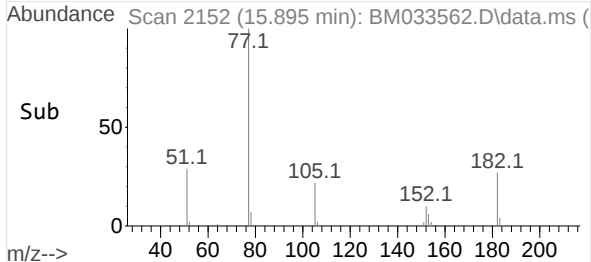
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD



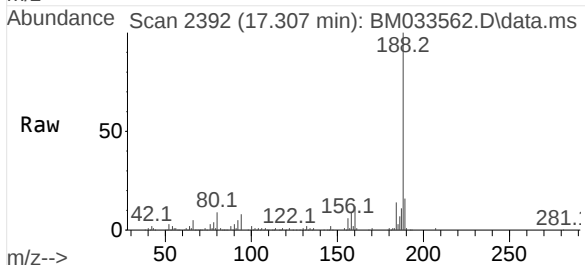
Tgt Ion: 77 Resp: 35661
 Ion Ratio Lower Upper
 77 100
 182 21.7 0.3 40.3
 105 17.6 0.0 38.3
 51 42.1 15.1 55.1

Manual Integrations
 APPROVED

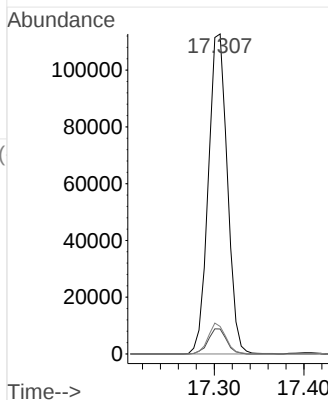
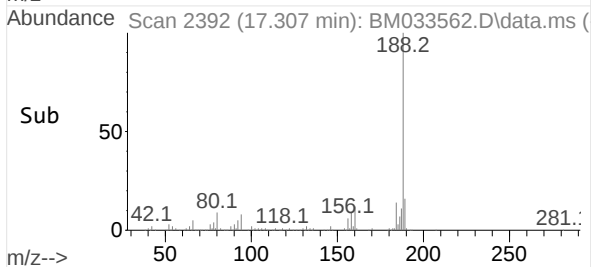
Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021



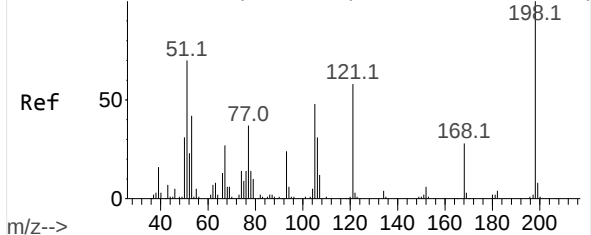
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.307 min Scan# 2392
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02



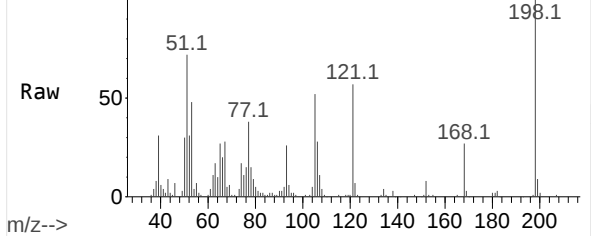
Tgt Ion:188 Resp: 165627
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.5 11.3
 80 8.6 8.9 13.3



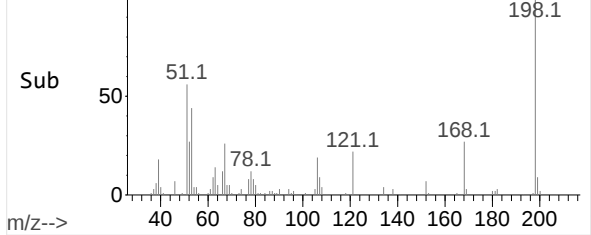
Abundance Scan 2117 (15.689 min): BM033552.D\data.ms (



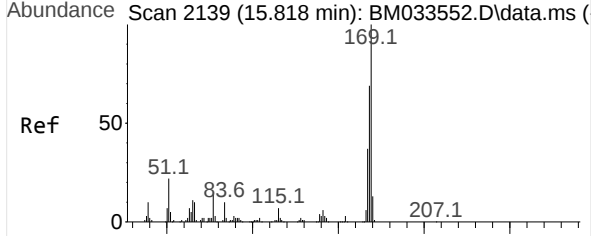
Ref



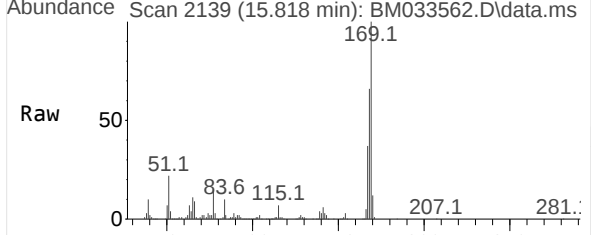
Raw



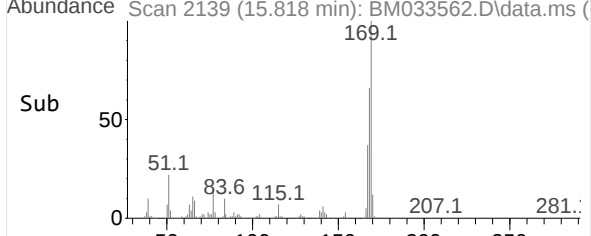
Sub



Ref



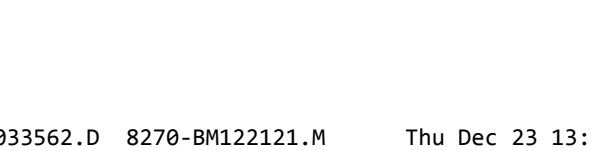
Raw



Sub



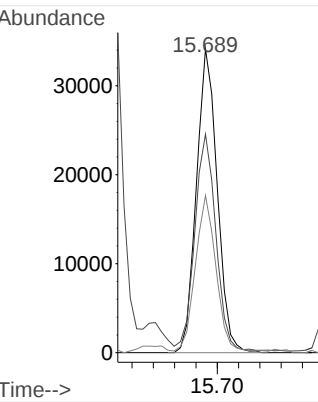
Ref



Raw

#65
4,6-Dinitro-2-methylphenol
Concen: 41.936 ng
RT: 15.689 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

Tgt Ion	Ratio	Lower	Upper
198	100		
51	72.0	47.9	87.9
105	51.8	32.6	72.6



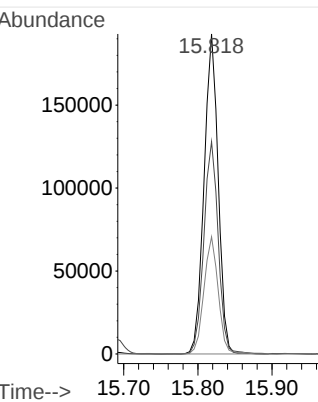
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

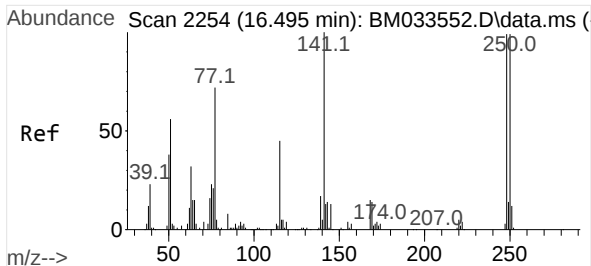
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

#66
n-Nitrosodiphenylamine
Concen: 51.992 ng
RT: 15.818 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

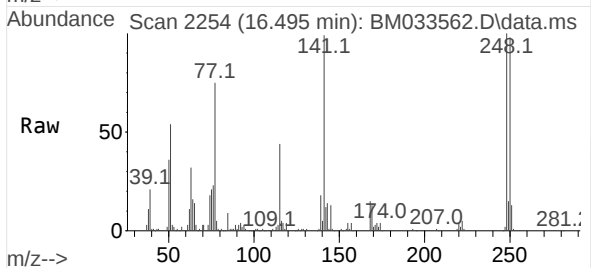
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.5	78.7
167	36.6	28.4	42.6





#67
4-Bromophenyl-phenylether
Concen: 49.477 ng
RT: 16.495 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

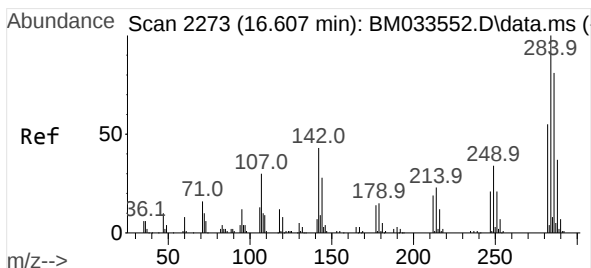
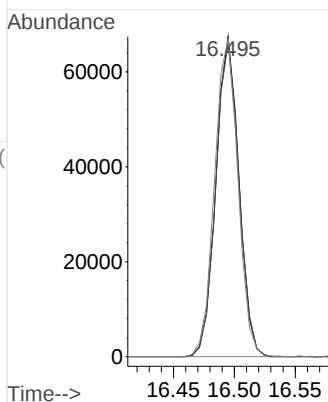
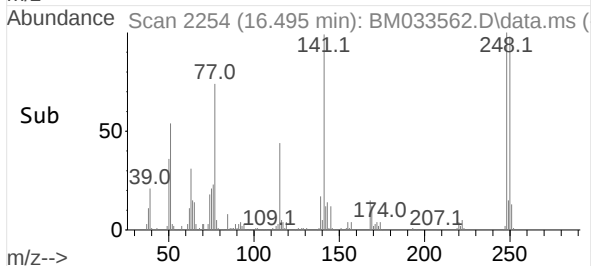
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



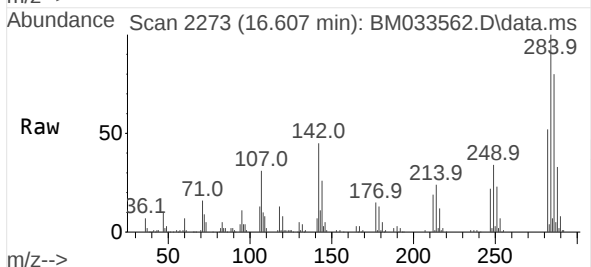
Tgt Ion:248 Resp: 8844
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.2
141 99.3 65.4 98.2

Manual Integrations
APPROVED

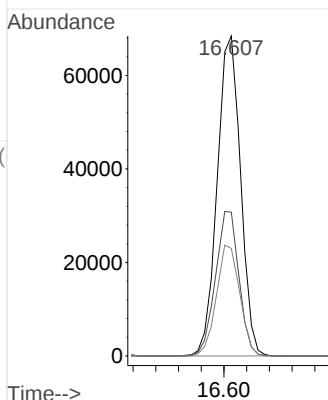
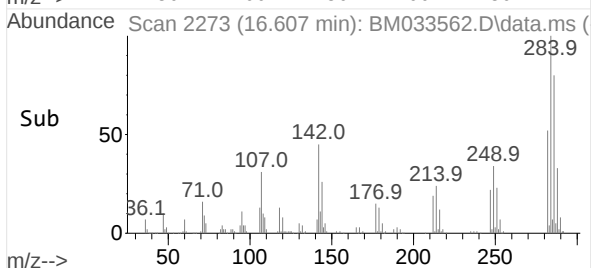
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



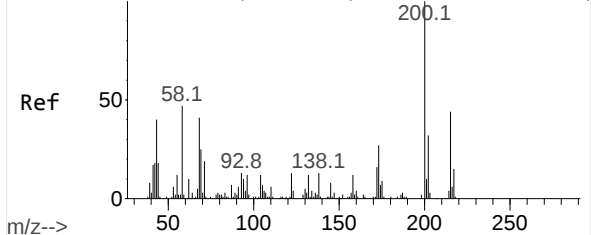
#68
Hexachlorobenzene
Concen: 50.647 ng
RT: 16.607 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



Tgt Ion:284 Resp: 97663
Ion Ratio Lower Upper
284 100
142 44.9 33.1 49.7
249 33.6 27.3 40.9



Abundance Scan 2301 (16.771 min): BM033552.D\data.ms (



#69

Atrazine

Concen: 80.113 ng

RT: 16.771 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

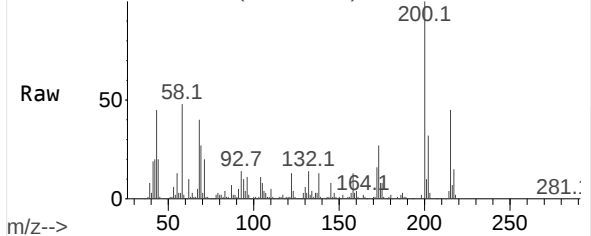
Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

Abundance Scan 2301 (16.771 min): BM033562.D\data.ms



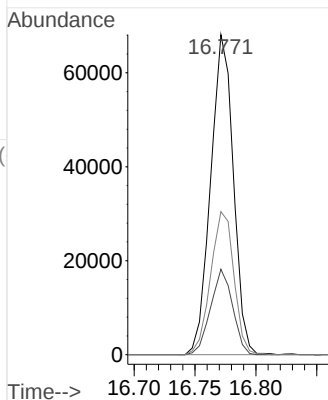
Tgt Ion:	200	Resp:	8839
Ion Ratio	Lower	Upper	
200	100		
173	26.7	7.3	47.3
215	44.7	25.7	65.7

Manual Integrations

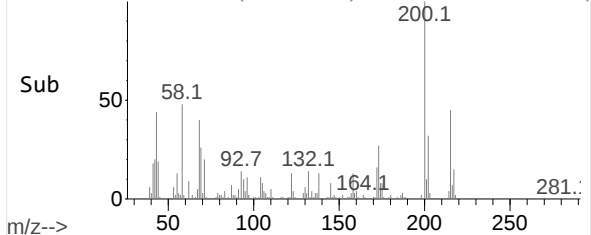
APPROVED

Reviewed By :Yogesh Patel 12/31/2021

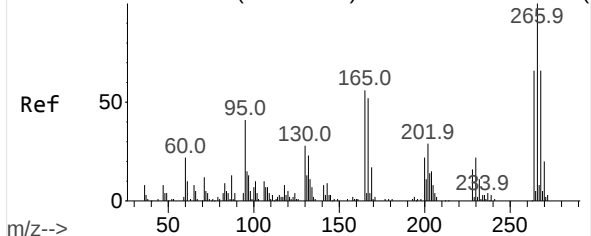
Supervised By :mohammad ahmed 12/31/2021



Abundance Scan 2301 (16.771 min): BM033562.D\data.ms (



Abundance Scan 2332 (16.954 min): BM033552.D\data.ms (



#70

Pentachlorophenol

Concen: 102.198 ng

RT: 16.954 min Scan# 2332

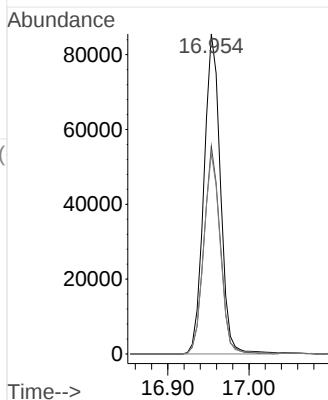
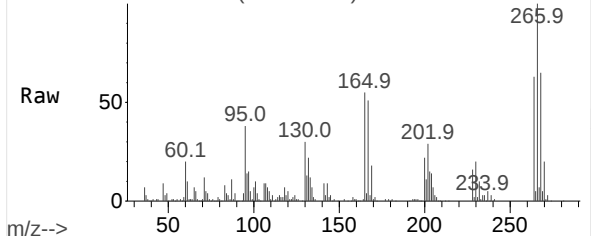
Delta R.T. 0.000 min

Lab File: BM033562.D

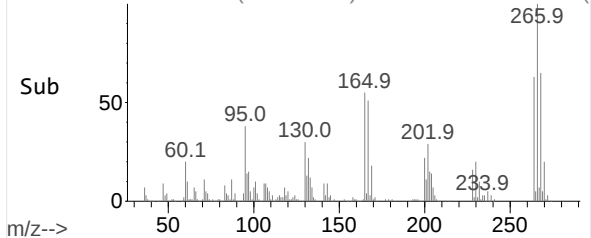
Acq: 21 Dec 2021 20:02

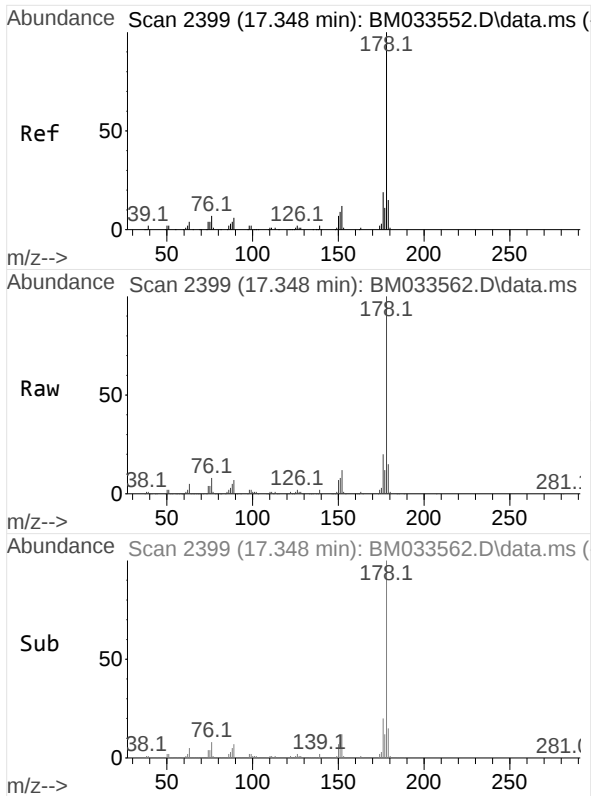
Tgt Ion:	266	Resp:	120320
Ion Ratio	Lower	Upper	
266	100		
268	64.9	50.1	75.1
264	62.6	49.1	73.7

Abundance Scan 2332 (16.954 min): BM033562.D\data.ms



Abundance Scan 2332 (16.954 min): BM033562.D\data.ms (





#71

Phenanthrene

Concen: 49.022 ng

RT: 17.348 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

Tgt Ion:178 Resp: 447948

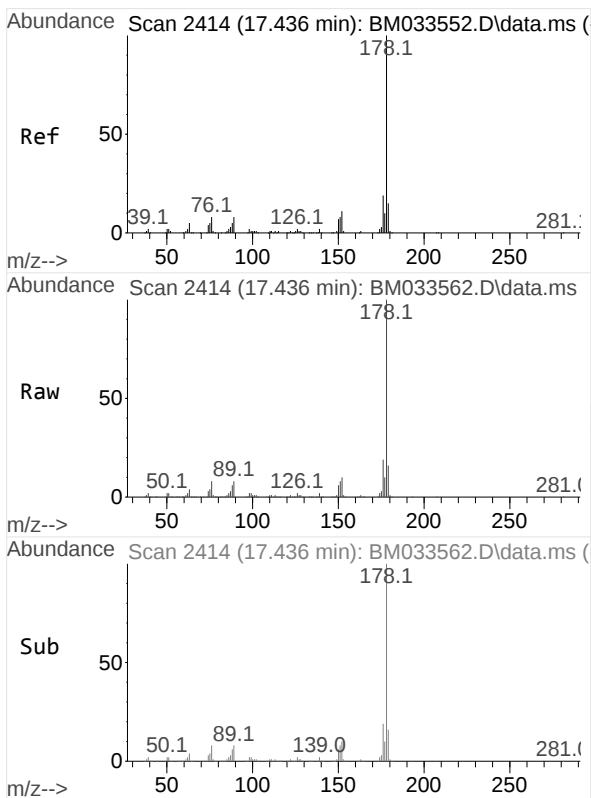
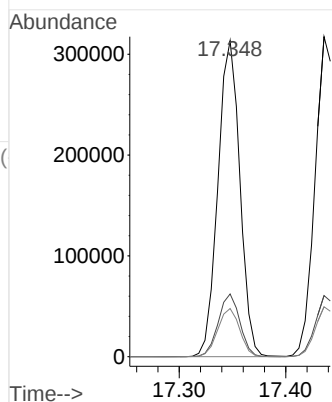
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.3	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#72

Anthracene

Concen: 50.452 ng

RT: 17.436 min Scan# 2414

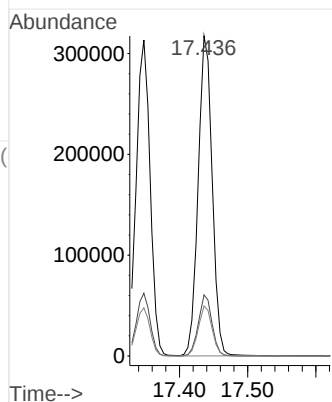
Delta R.T. 0.000 min

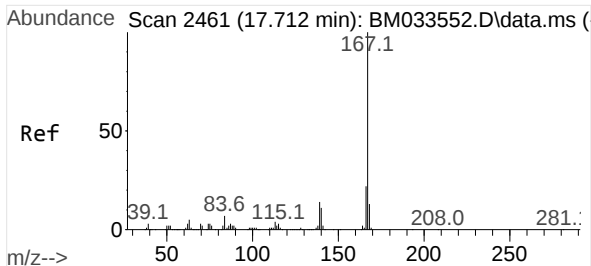
Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Tgt Ion:178 Resp: 453458

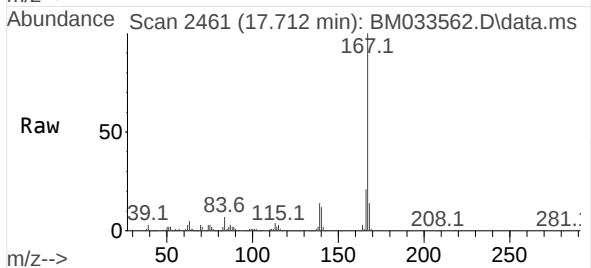
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.5	21.7
179	15.6	11.9	17.9





#73
 Carbazole
 Concen: 44.634 ng
 RT: 17.712 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02

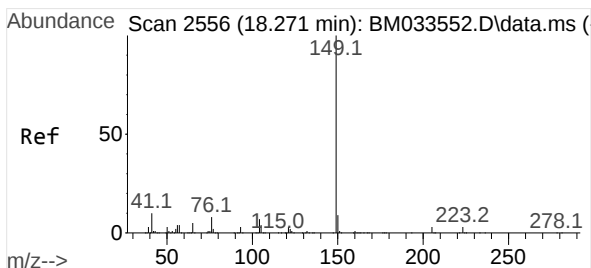
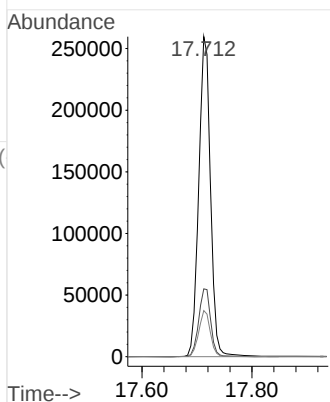
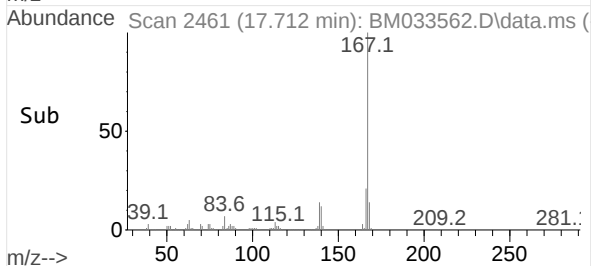
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD



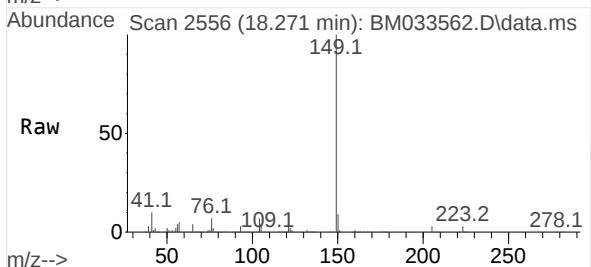
Tgt Ion:167 Resp: 38489
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 14.4 11.0 16.4

Manual Integrations
 APPROVED

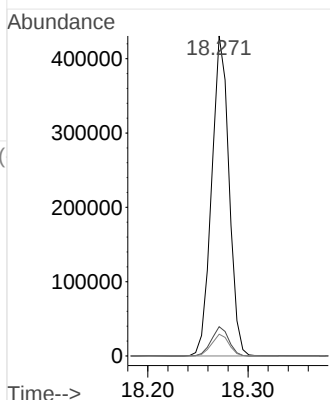
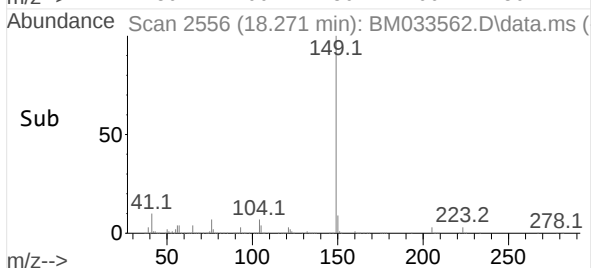
Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

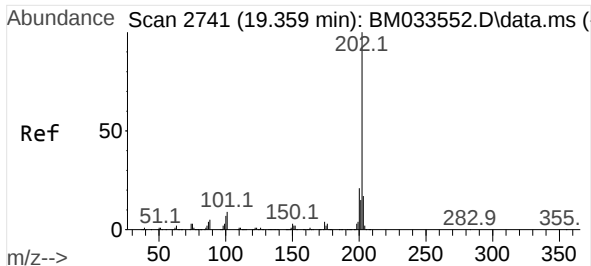


#74
 Di-n-butylphthalate
 Concen: 48.406 ng
 RT: 18.271 min Scan# 2556
 Delta R.T. 0.000 min
 Lab File: BM033562.D
 Acq: 21 Dec 2021 20:02



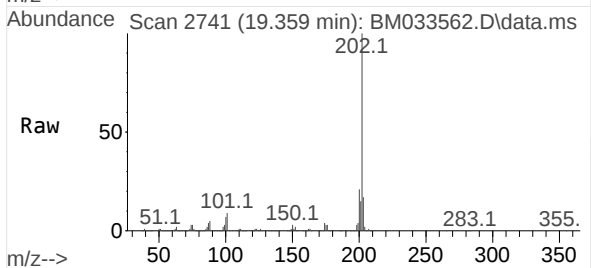
Tgt Ion:149 Resp: 516598
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.8 4.6 6.8





#75
Fluoranthene
Concen: 45.171 ng
RT: 19.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

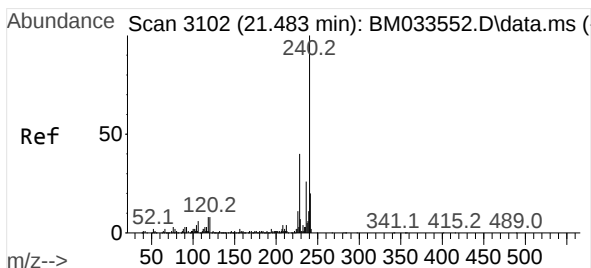
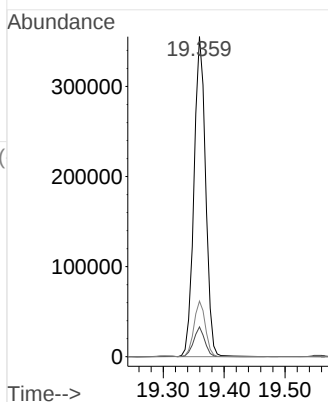
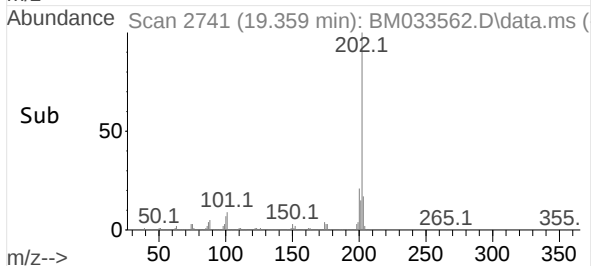
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



Tgt Ion:202 Resp: 47212
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.8
203 17.3 0.0 37.2

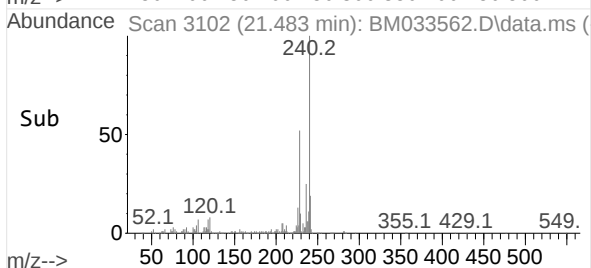
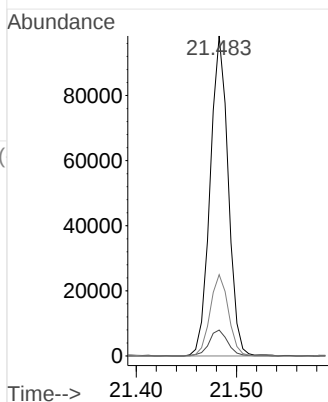
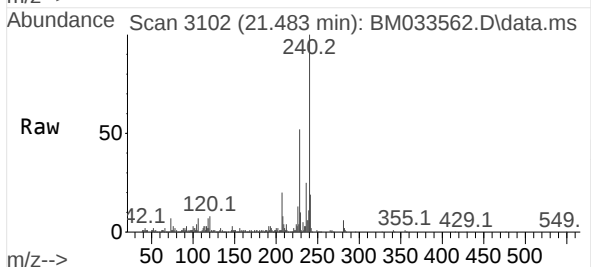
Manual Integrations
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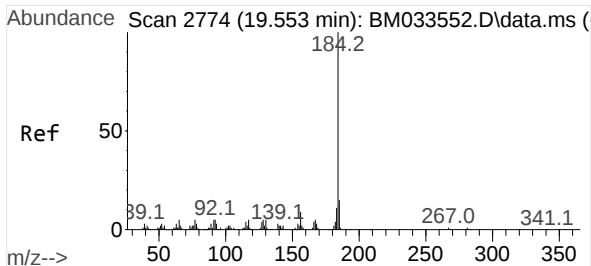
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

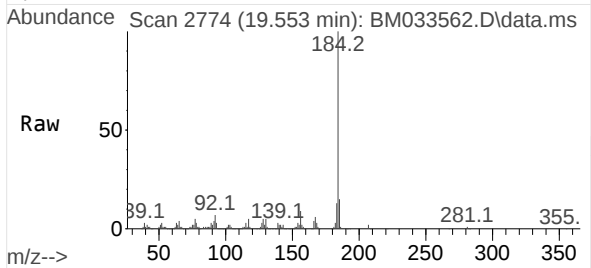
Tgt Ion:240 Resp: 122896
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.4 20.3 30.5





#77
Benzidine
Concen: 164.041 ng
RT: 19.553 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

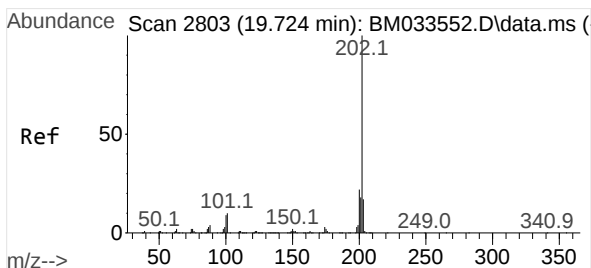
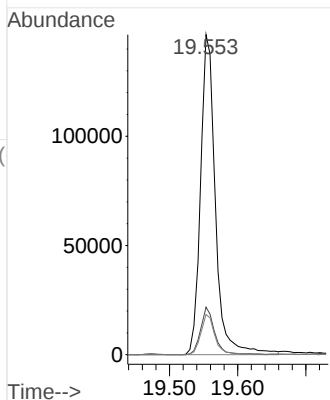
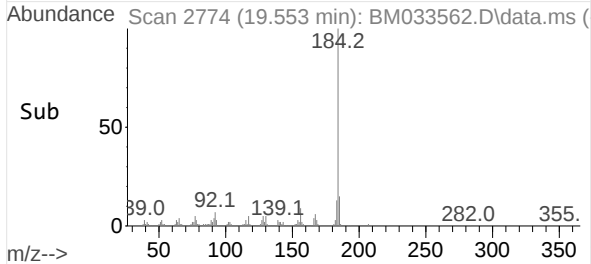
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



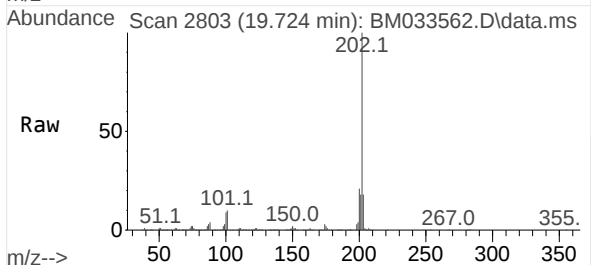
Tgt Ion:184 Resp: 222430
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 12.6 9.7 14.5

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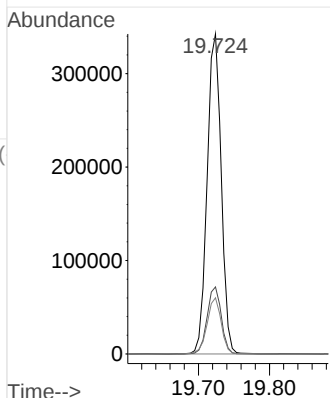
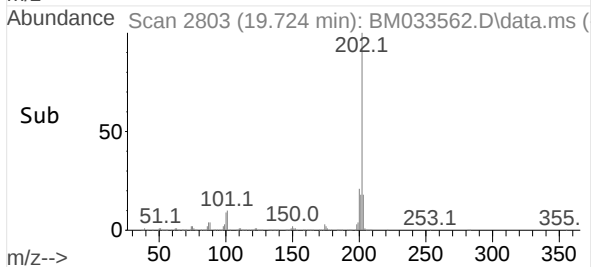
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

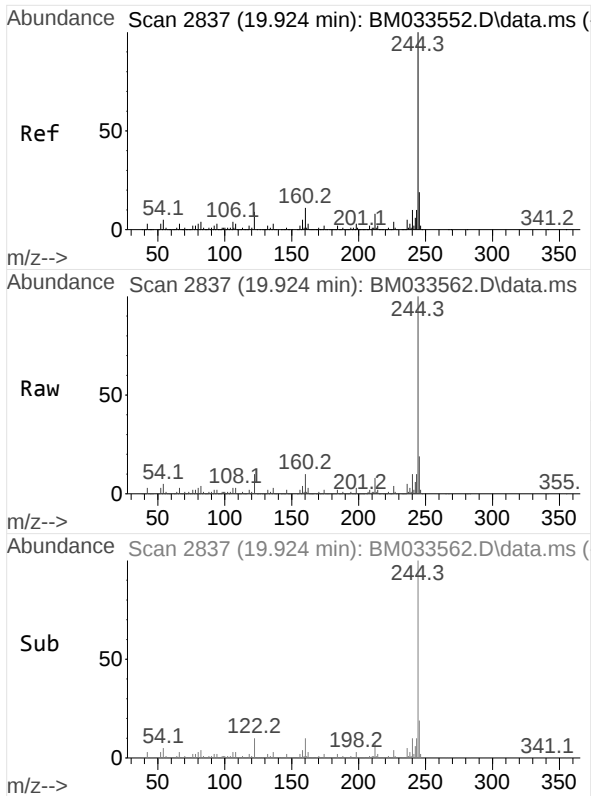


#78
Pyrene
Concen: 51.683 ng
RT: 19.724 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



Tgt Ion:202 Resp: 471806
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.6 13.5 20.3





#79

Terphenyl-d14

Concen: 68.897 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

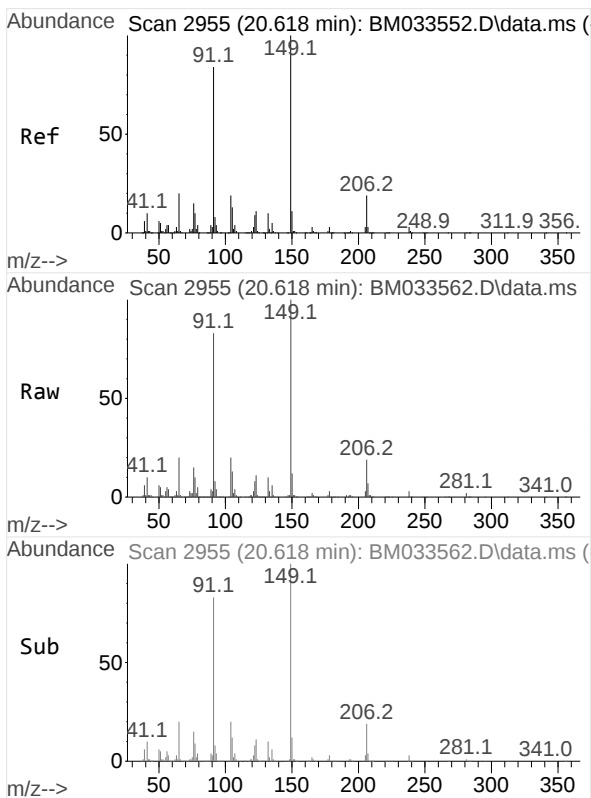
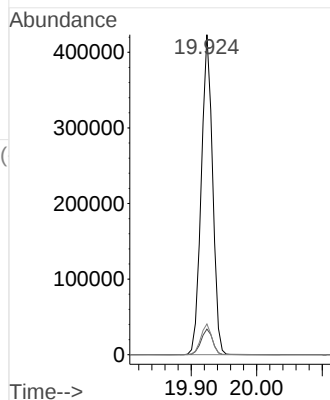
Tgt Ion:244	Resp: 50904
Ion Ratio	Lower Upper
244 100	
212 8.0	5.9 8.9
122 9.6	8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#80

Butylbenzylphthalate

Concen: 50.343 ng

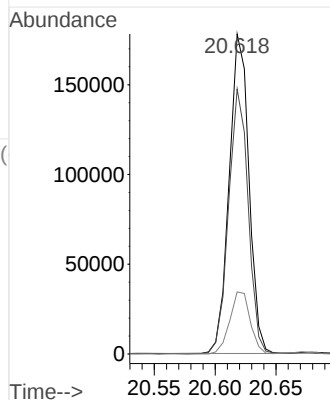
RT: 20.618 min Scan# 2955

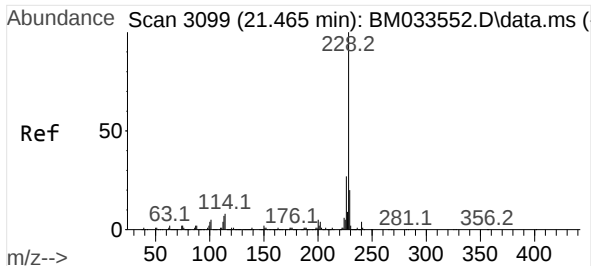
Delta R.T. 0.000 min

Lab File: BM033562.D

Acq: 21 Dec 2021 20:02

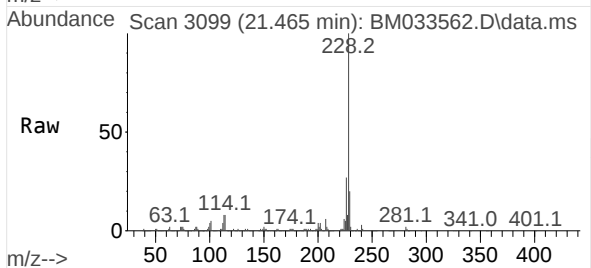
Tgt Ion:149	Resp: 200461
Ion Ratio	Lower Upper
149 100	
91 82.8	63.4 95.0
206 19.4	16.8 25.2





#81
Benzo(a)anthracene
Concen: 47.567 ng
RT: 21.465 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

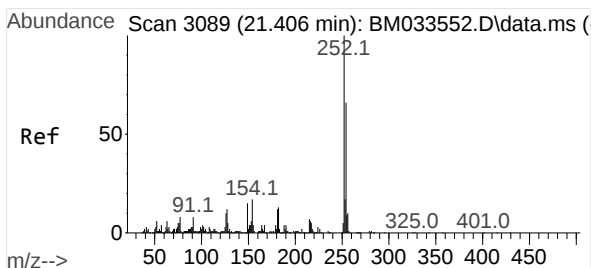
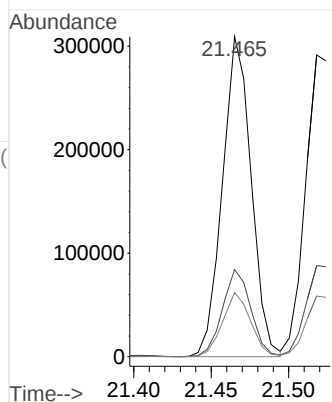
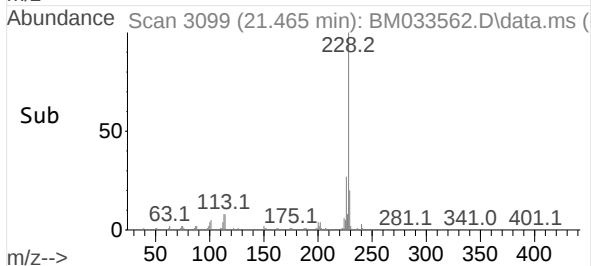
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



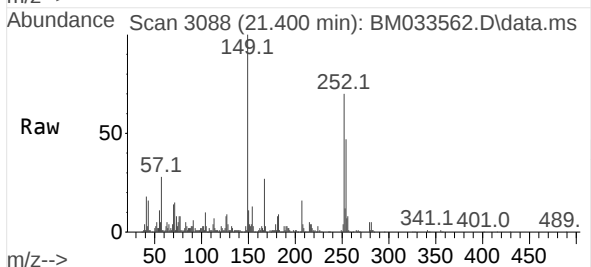
Tgt Ion:228 Resp: 39826
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.6
229 20.1 15.5 23.3

Manual Integrations
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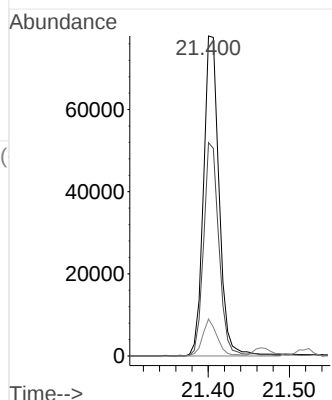
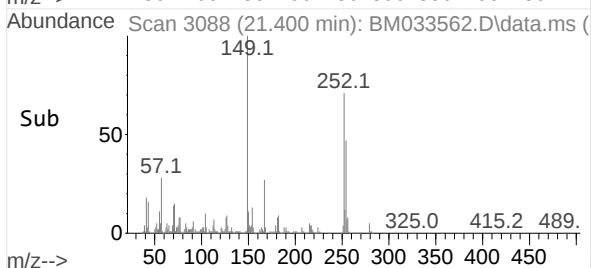
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

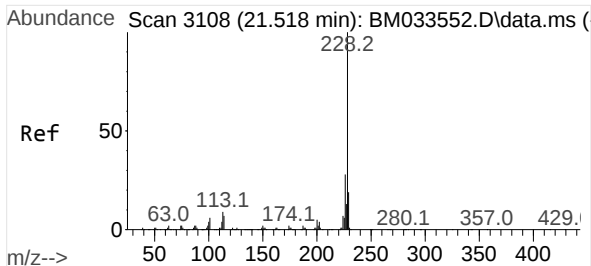


#82
3,3'-Dichlorobenzidine
Concen: 27.660 ng
RT: 21.400 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



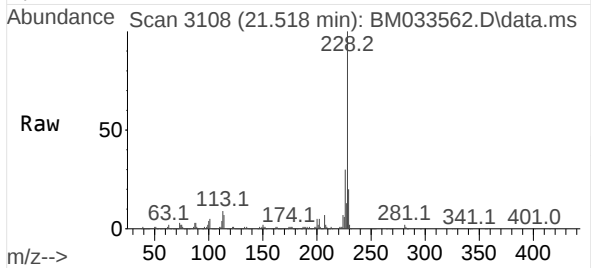
Tgt Ion:252 Resp: 104018
Ion Ratio Lower Upper
252 100
254 66.7 50.9 76.3
126 11.5 8.8 13.2





#83
Chrysene
Concen: 47.970 ng
RT: 21.518 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

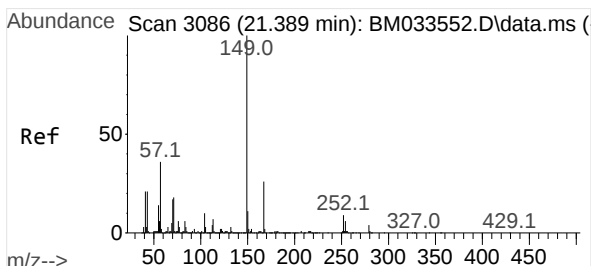
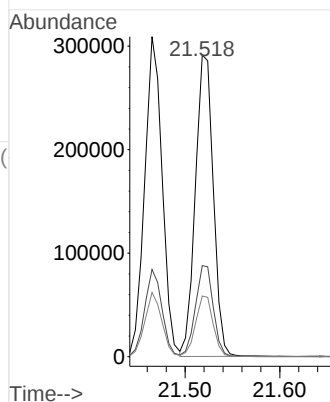
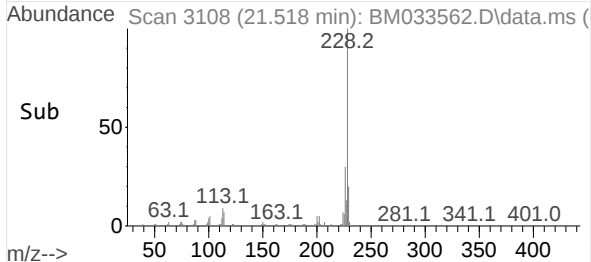
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



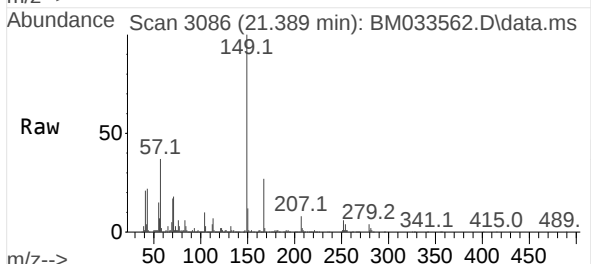
Tgt Ion:228 Resp: 385185
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.1 15.8 23.8

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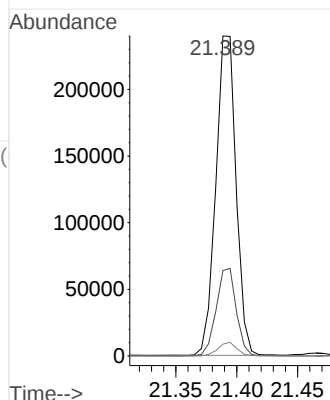
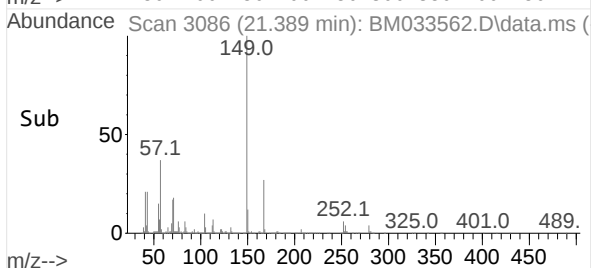
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

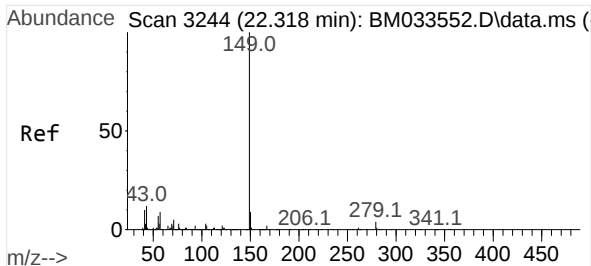


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.462 ng
RT: 21.389 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



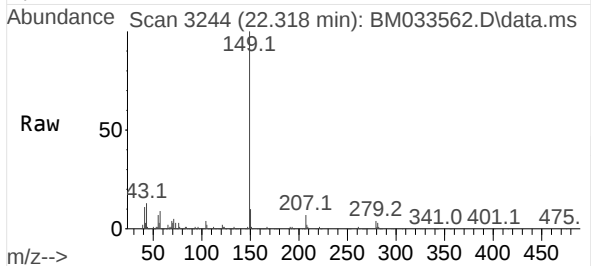
Tgt Ion:149 Resp: 277170
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 3.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 50.691 ng
RT: 22.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

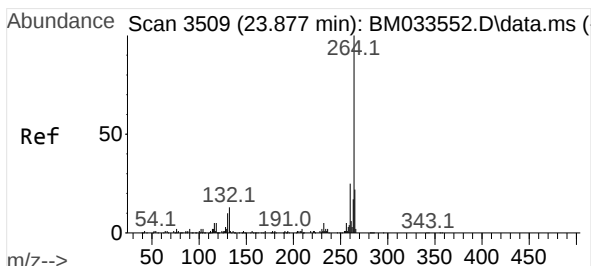
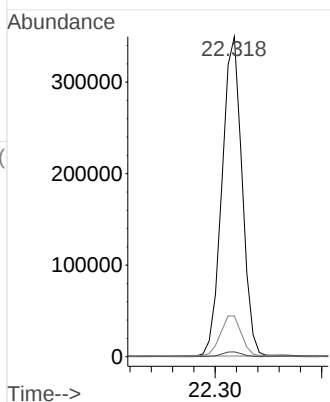
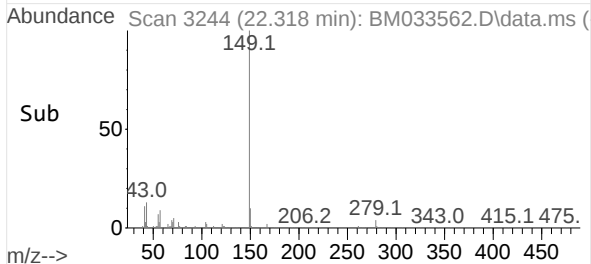
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



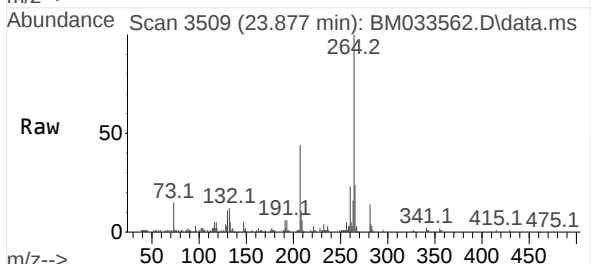
Tgt Ion:149 Resp: 455280
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.2 10.4 15.6

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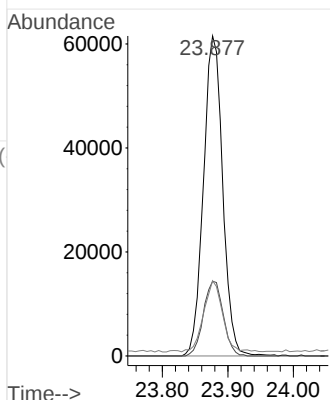
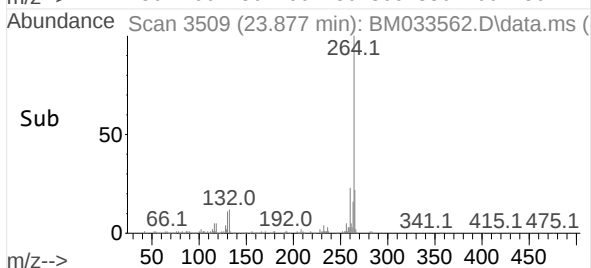
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

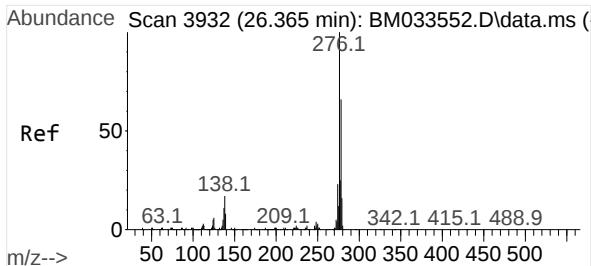


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.877 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



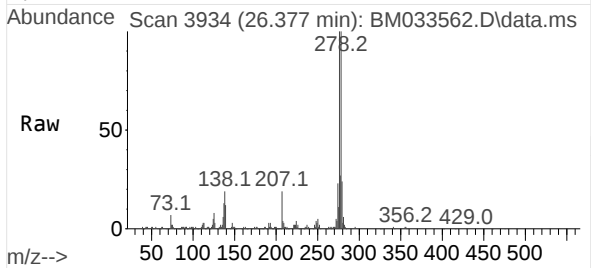
Tgt Ion:264 Resp: 125545
Ion Ratio Lower Upper
264 100
260 23.3 17.7 26.5
265 23.5 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.524 ng
RT: 26.377 min Scan# 3932
Delta R.T. 0.012 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

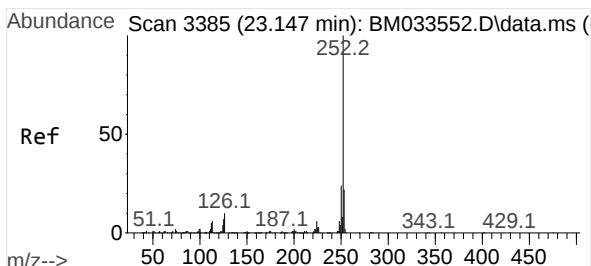
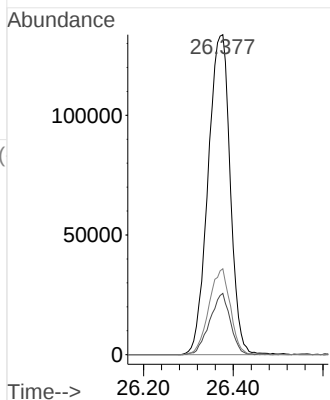
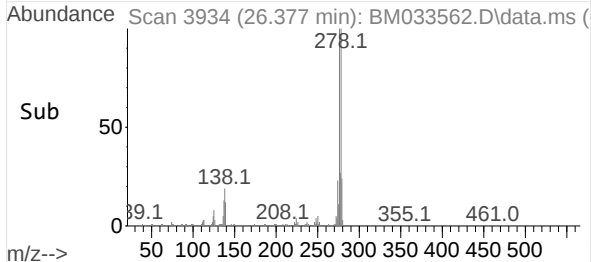
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



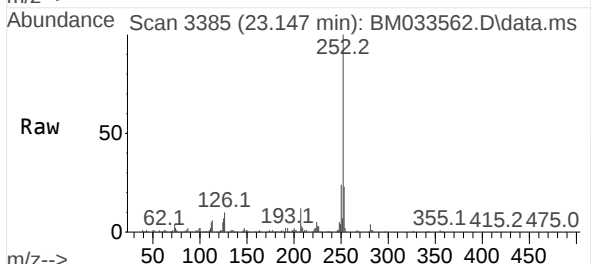
Tgt Ion:276 Resp: 45813
Ion Ratio Lower Upper
276 100
138 17.9 18.7 28.1
277 26.0 20.2 30.4

Manual Integrations
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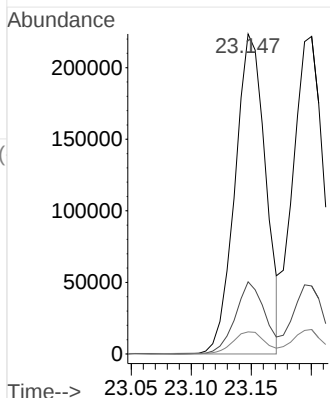
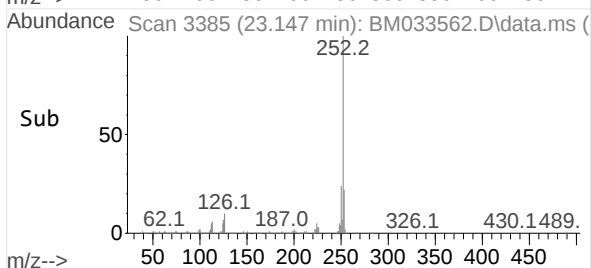
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

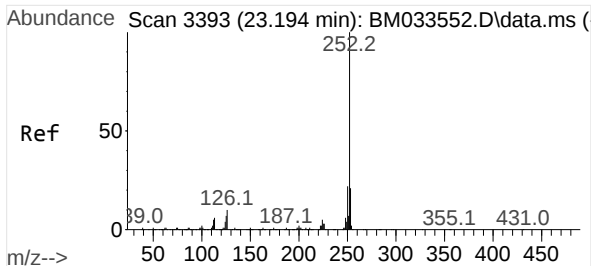


#88
Benzo(b)fluoranthene
Concen: 49.320 ng m
RT: 23.147 min Scan# 3385
Delta R.T. 0.000 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



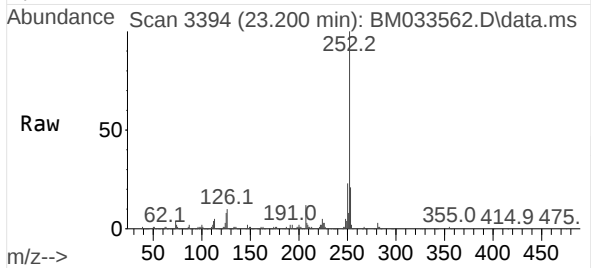
Tgt Ion:252 Resp: 396596
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 6.9 7.4 11.2#





#89
Benzo(k)fluoranthene
Concen: 48.998 ng
RT: 23.200 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

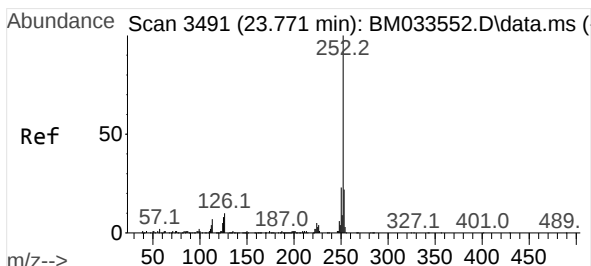
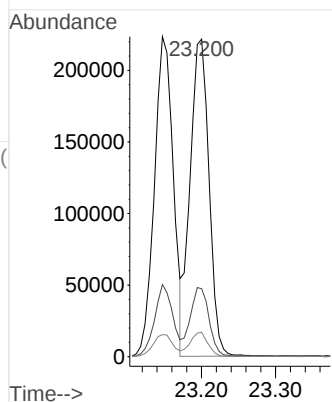
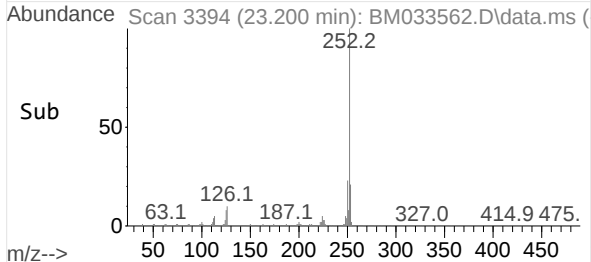
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



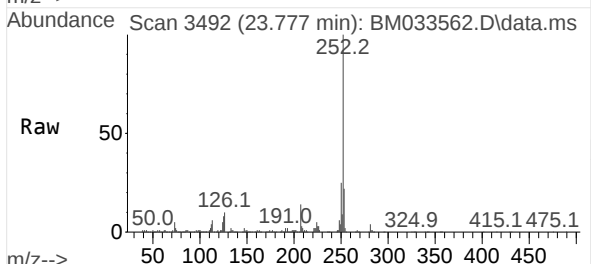
Tgt Ion:252 Resp: 392680
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 7.7 8.1 12.1

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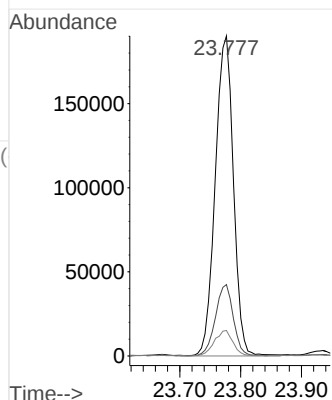
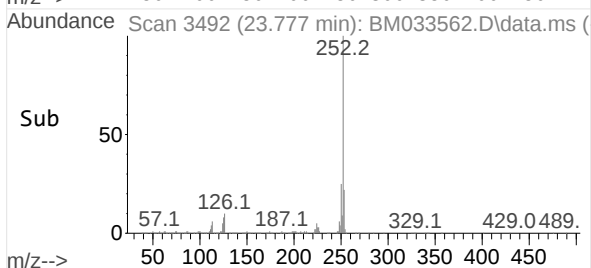
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

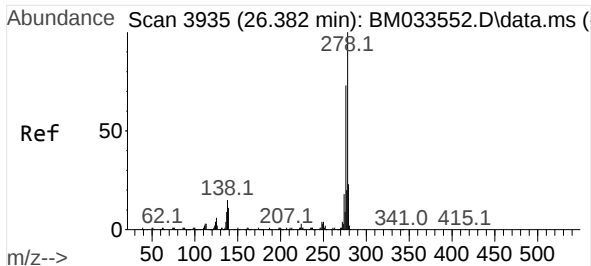


#90
Benzo(a)pyrene
Concen: 58.164 ng
RT: 23.777 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



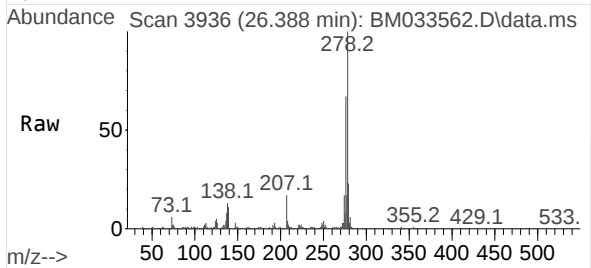
Tgt Ion:252 Resp: 393762
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 52.472 ng
RT: 26.388 min Scan# 3935
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02

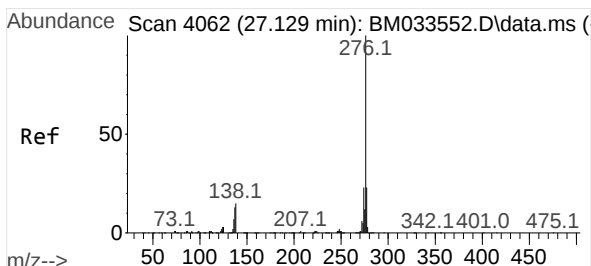
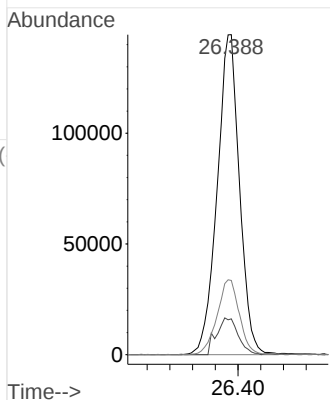
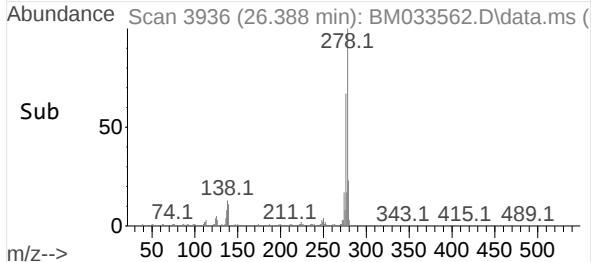
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



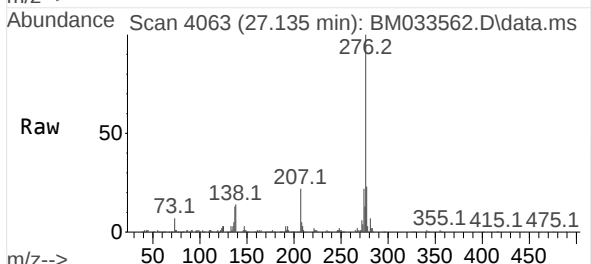
Tgt Ion:278 Resp: 39388
Ion Ratio Lower Upper
278 100
139 11.2 10.9 16.3
279 23.2 17.7 26.5

Manual Integrations
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Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#92
Benzo(g,h,i)perylene
Concen: 53.025 ng
RT: 27.135 min Scan# 4063
Delta R.T. 0.006 min
Lab File: BM033562.D
Acq: 21 Dec 2021 20:02



Tgt Ion:276 Resp: 391982
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 14.1 14.8 22.2#

