

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042569.D
 Acq On : 03 Nov 2023 14:11
 Operator : MA/JU
 Sample : PB156852BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB156852BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 22:37:55 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 03 15:52:20 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	43808	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	176957	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	112377	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	245500	20.000	ng	0.00
76) Chrysene-d12	21.497	240	249012	20.000	ng	0.00
86) Perylene-d12	23.915	264	260800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	433036	159.530	ng	0.01
7) Phenol-d6	7.081	99	569898	153.085	ng	0.00
23) Nitrobenzene-d5	9.116	82	381708	100.555	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	247224	168.503	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	787134	94.251	ng	0.00
79) Terphenyl-d14	19.933	244	1409496	95.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	50091	38.721	ng	# 94
3) Pyridine	3.728	79	119293	32.146	ng	96
4) n-Nitrosodimethylamine	3.657	42	100038	56.017	ng	81
6) Aniline	7.257	93	171776	36.300	ng	97
8) 2-Chlorophenol	7.469	128	146666	50.109	ng	98
9) Benzaldehyde	7.075	77	47588	22.180	ng	96
10) Phenol	7.110	94	198615	52.531	ng	93
11) bis(2-Chloroethyl)ether	7.357	93	144615	45.212	ng	99
12) 1,3-Dichlorobenzene	7.792	146	155393	49.124	ng	98
13) 1,4-Dichlorobenzene	7.951	146	158023	49.360	ng	99
14) 1,2-Dichlorobenzene	8.263	146	150410	48.662	ng	96
15) Benzyl Alcohol	8.181	79	142908m	54.223	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	233089	45.793	ng	99
17) 2-Methylphenol	8.363	107	127681	47.693	ng	96
18) Hexachloroethane	8.975	117	62582	49.960	ng	93
19) n-Nitroso-di-n-propyla...	8.734	70	127742	48.506	ng	95
20) 3+4-Methylphenols	8.698	107	171354	47.875	ng	97
22) Acetophenone	8.769	105	226119	50.666	ng	# 97
24) Nitrobenzene	9.157	77	189457	50.672	ng	99
25) Isophorone	9.669	82	334996	49.859	ng	98
26) 2-Nitrophenol	9.857	139	77065	48.436	ng	94
27) 2,4-Dimethylphenol	9.904	122	138019m	53.696	ng	
28) bis(2-Chloroethoxy)met...	10.151	93	192641	47.591	ng	100
29) 2,4-Dichlorophenol	10.381	162	141958	55.817	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	149044	53.474	ng	97
31) Naphthalene	10.786	128	438733	47.988	ng	99
32) Benzoic acid	10.057	122	107255	51.021	ng	91
33) 4-Chloroaniline	10.928	127	134706	37.787	ng	96
34) Hexachlorobutadiene	11.004	225	95888	56.663	ng	99
35) Caprolactam	11.757	113	44991	50.349	ng	97
36) 4-Chloro-3-methylphenol	12.033	107	152534	52.700	ng	98
37) 2-Methylnaphthalene	12.392	142	300614	46.688	ng	96
38) 1-Methylnaphthalene	12.610	142	281692	46.480	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	173204	51.591	ng	99
41) Hexachlorocyclopentadiene	12.686	237	195906	96.017	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	115635	53.776	ng	98

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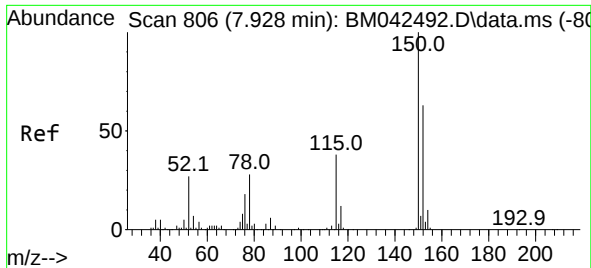
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 22:37:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	129318	50.538	ng	# 96
46) 1,1'-Biphenyl	13.404	154	406700	47.344	ng	99
47) 2-Chloronaphthalene	13.451	162	312708	49.621	ng	99
48) 2-Nitroaniline	13.692	65	120058	47.303	ng	98
49) Acenaphthylene	14.298	152	501105	48.013	ng	99
50) Dimethylphthalate	14.033	163	399240	47.533	ng	99
51) 2,6-Dinitrotoluene	14.180	165	84874	49.031	ng	92
52) Acenaphthene	14.633	154	297784	47.012	ng	98
53) 3-Nitroaniline	14.521	138	68769	36.566	ng	96
54) 2,4-Dinitrophenol	14.727	184	108862	87.791	ng	93
55) Dibenzofuran	14.968	168	500508	48.599	ng	100
56) 4-Nitrophenol	14.821	139	143832	90.445	ng	85
57) 2,4-Dinitrotoluene	14.963	165	121456	46.442	ng	95
58) Fluorene	15.615	166	404310	48.521	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	115985	53.815	ng	97
60) Diethylphthalate	15.380	149	402223	47.269	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	212008	50.362	ng	97
62) 4-Nitroaniline	15.686	138	76736	44.705	ng	87
63) Azobenzene	15.898	77	464335	49.519	ng	95
65) 4,6-Dinitro-2-methylph...	15.715	198	72824	46.368	ng	98
66) n-Nitrosodiphenylamine	15.833	169	342424	49.467	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	126639	51.588	ng	97
68) Hexachlorobenzene	16.586	284	147299	54.238	ng	98
69) Atrazine	16.780	200	80889	40.441	ng	98
70) Pentachlorophenol	16.951	266	193151	96.741	ng	98
71) Phenanthrene	17.362	178	622660	48.533	ng	100
72) Anthracene	17.451	178	631504	49.695	ng	100
73) Carbazole	17.745	167	560809	54.248	ng	100
74) Di-n-butylphthalate	18.256	149	712034	49.047	ng	99
75) Fluoranthene	19.374	202	765131	50.770	ng	99
77) Benzidine	19.592	184	295689	123.792	ng	99
78) Pyrene	19.739	202	811533	47.461	ng	99
80) Butylbenzylphthalate	20.621	149	341813	46.805	ng	99
81) Benzo(a)anthracene	21.486	228	779981	49.231	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	298385	59.259	ng	99
83) Chrysene	21.539	228	741371	46.066	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	499941	45.296	ng	100
85) Di-n-octyl phthalate	22.291	149	865079	45.536	ng	98
87) Indeno(1,2,3-cd)pyrene	26.450	276	940155	60.568	ng	# 94
88) Benzo(b)fluoranthene	23.168	252	782708	53.870	ng	98
89) Benzo(k)fluoranthene	23.221	252	771902	47.676	ng	98
90) Benzo(a)pyrene	23.809	252	674250	47.134	ng	# 98
91) Dibenzo(a,h)anthracene	26.462	278	774028	53.497	ng	# 96
92) Benzo(g,h,i)perylene	27.238	276	785632	57.427	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

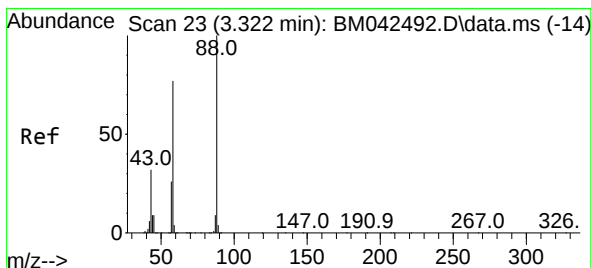
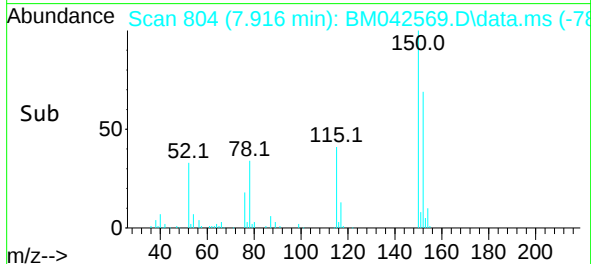
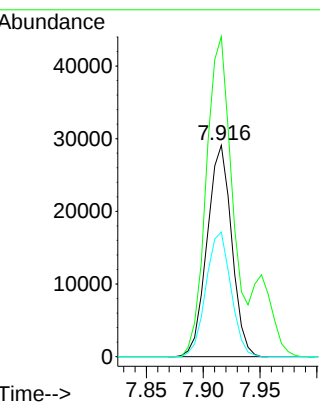
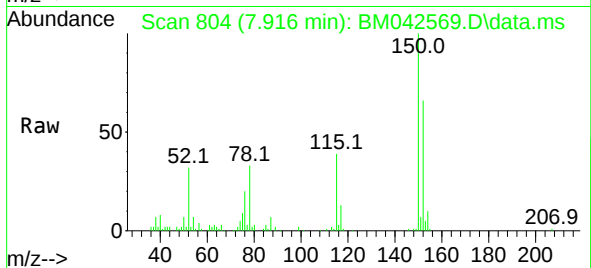
PB156852BS

Tgt Ion:152 Resp: 4380
Ion Ratio Lower Upper
152 100
150 151.4 127.4 191.0
115 58.9 47.9 71.9

Manual Integrations

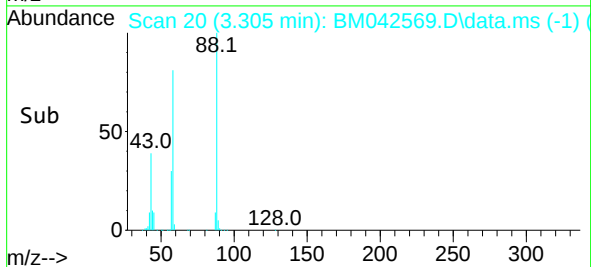
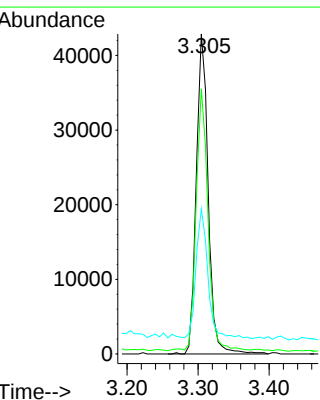
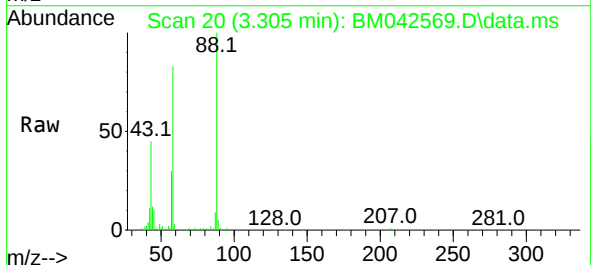
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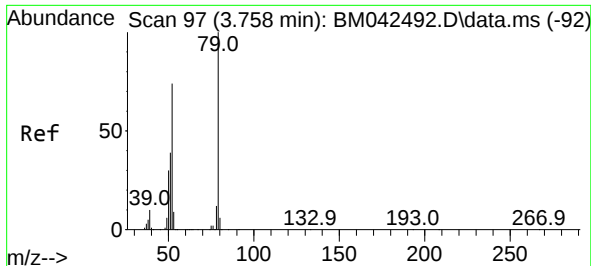
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#2
1,4-Dioxane
Concen: 38.721 ng
RT: 3.305 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

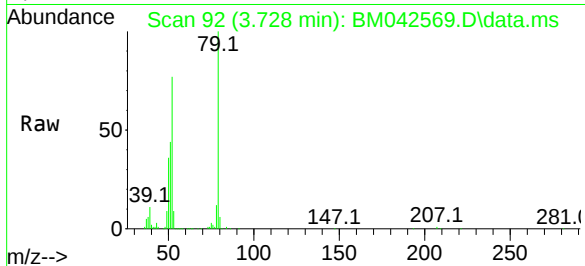
Tgt Ion: 88 Resp: 50091
Ion Ratio Lower Upper
88 100
58 81.2 62.6 93.8
43 40.5 26.5 39.7





#3
Pyridine
Concen: 32.146 ng
RT: 3.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

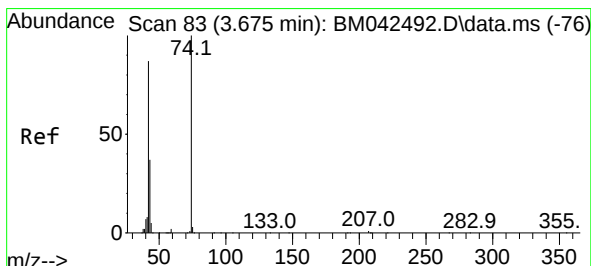
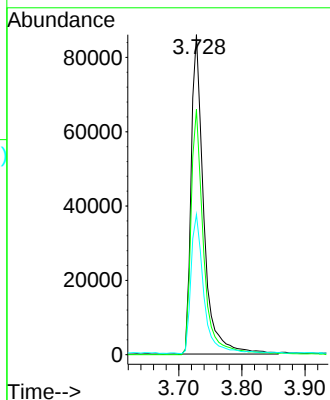
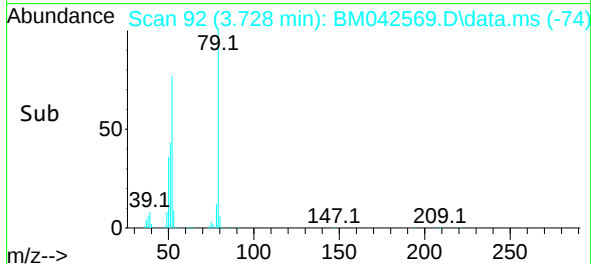
Instrument :
BNA_M
ClientSampleId :
PB156852BS



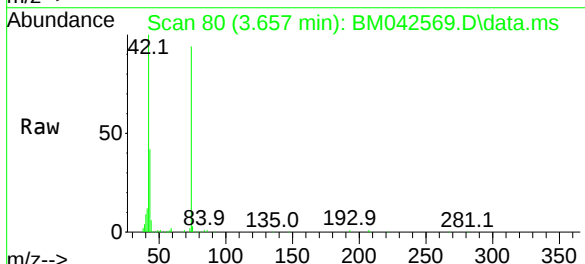
Tgt Ion: 79 Resp: 11929
Ion Ratio Lower Upper
79 100
52 76.6 59.3 88.9
51 43.8 32.7 49.1

Manual Integrations
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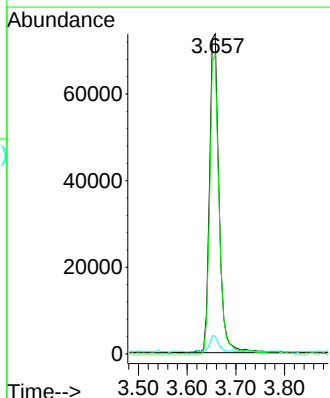
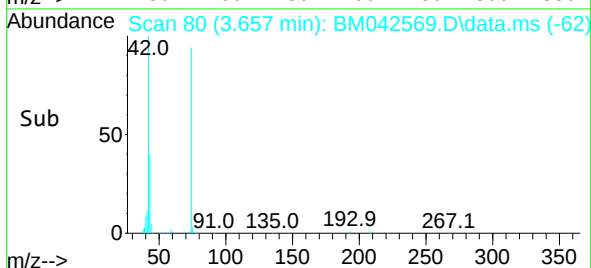
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

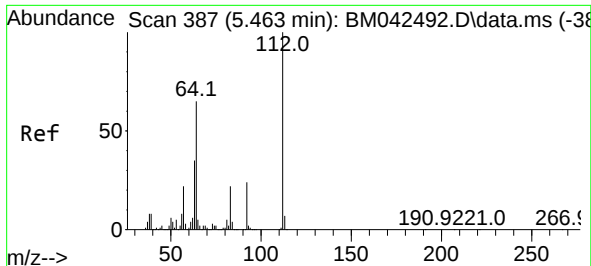


#4
n-Nitrosodimethylamine
Concen: 56.017 ng
RT: 3.657 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion: 42 Resp: 100038
Ion Ratio Lower Upper
42 100
74 93.5 92.2 138.2
44 5.6 5.1 7.7





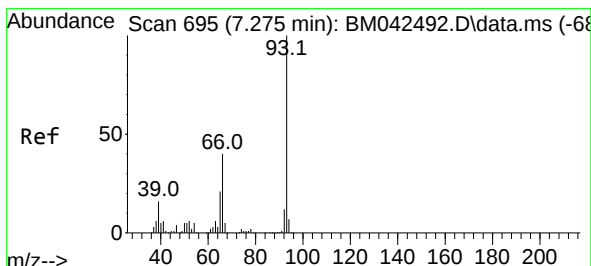
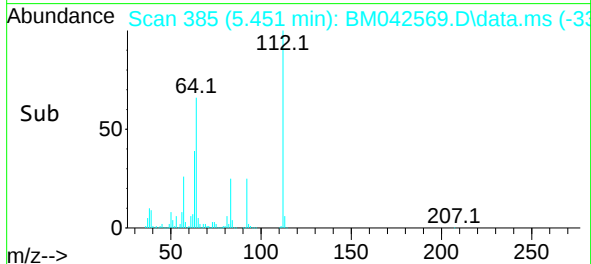
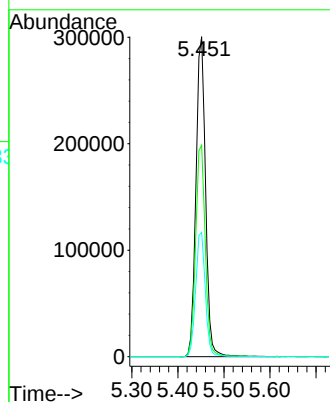
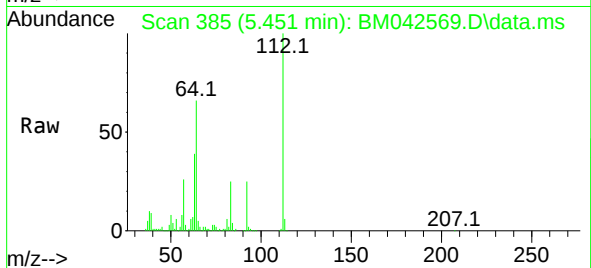
#5
2-Fluorophenol
Concen: 159.530 ng
RT: 5.451 min Scan# 387
Delta R.T. 0.011 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 433030
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 38.9 28.3 42.5

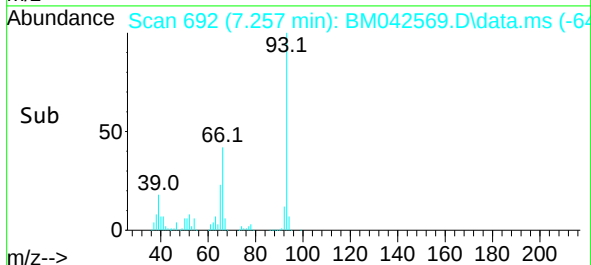
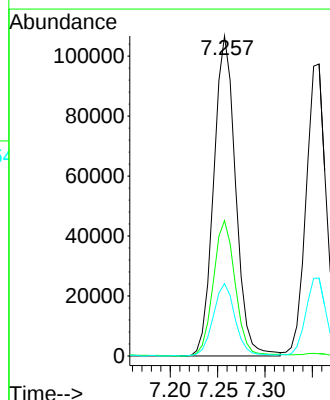
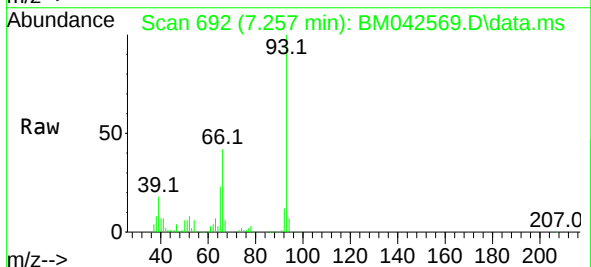
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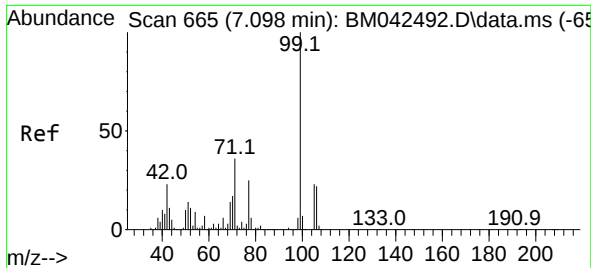
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#6
Aniline
Concen: 36.300 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Tgt Ion: 93 Resp: 171776
Ion Ratio Lower Upper
93 100
66 42.3 32.2 48.2
65 22.6 17.0 25.6





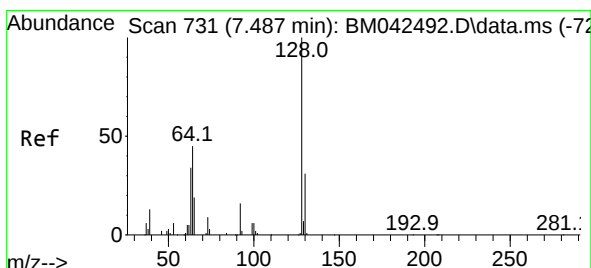
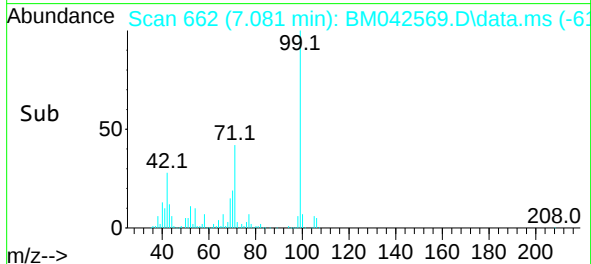
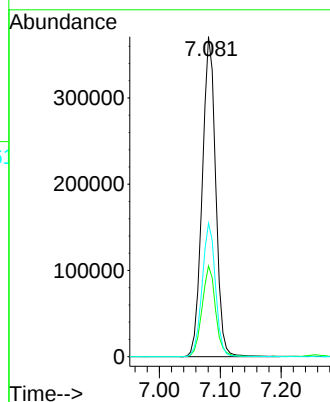
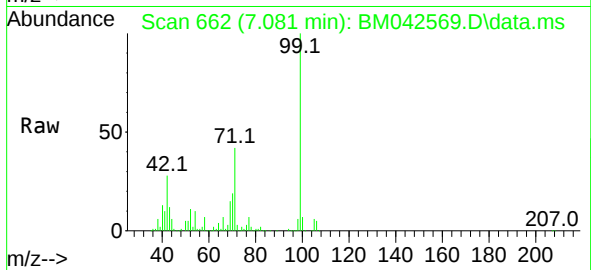
#7
Phenol-d6
Concen: 153.085 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :
BNA_M
ClientSampleId :
PB156852BS

Tgt Ion: 99 Resp: 569898
Ion Ratio Lower Upper
99 100
42 28.4 18.7 28.1
71 41.7 29.1 43.7

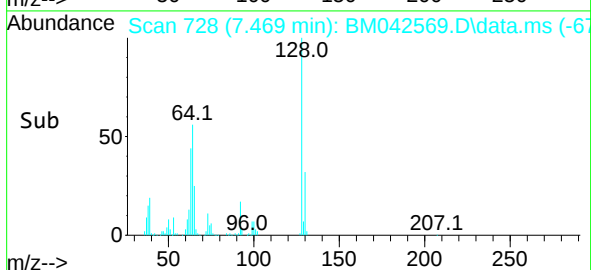
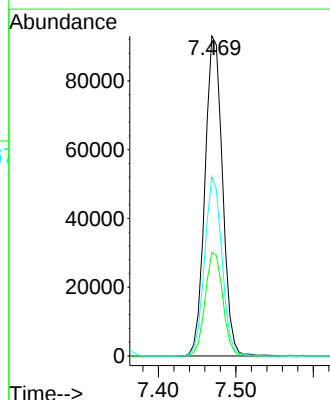
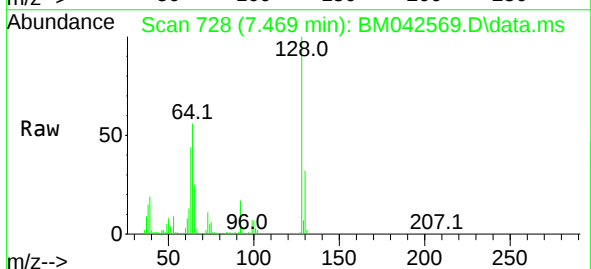
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#8
2-Chlorophenol
Concen: 50.109 ng
RT: 7.469 min Scan# 728
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

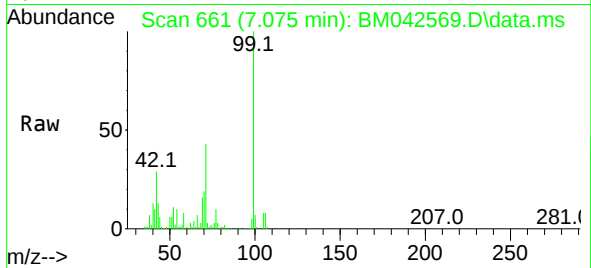
Tgt Ion:128 Resp: 146666
Ion Ratio Lower Upper
128 100
130 32.4 11.2 51.2
64 56.0 34.4 74.4





#9
Benzaldehyde
Concen: 22.180 ng
RT: 7.075 min Scan# 664
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

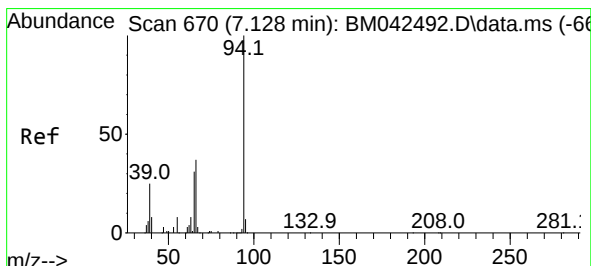
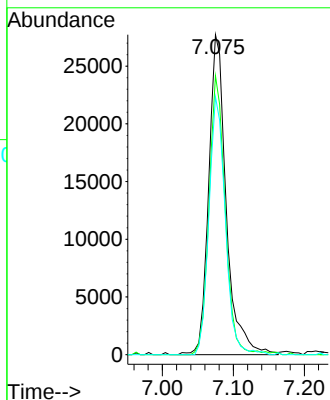
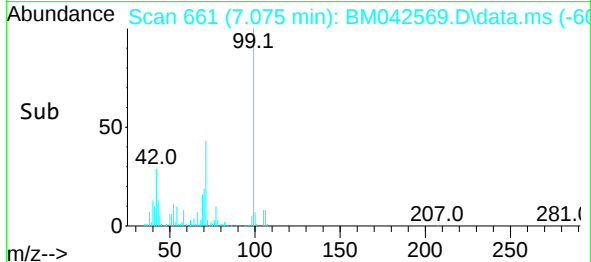
Instrument :
BNA_M
ClientSampleId :
PB156852BS



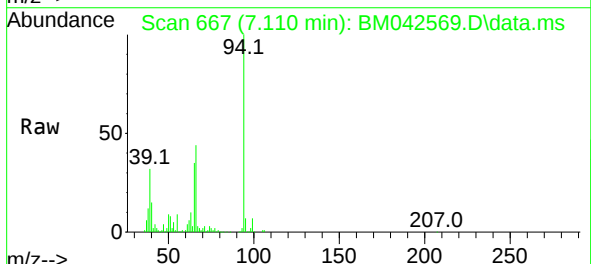
Tgt Ion: 77 Resp: 47588
Ion Ratio Lower Upper
77 100
105 87.2 69.7 109.7
106 80.6 66.4 106.4

Manual Integrations
APPROVED

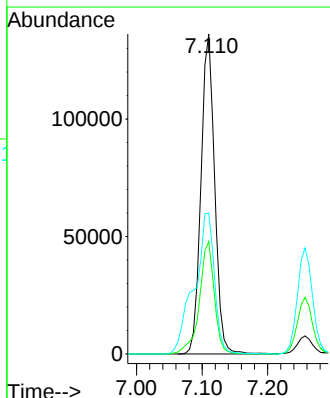
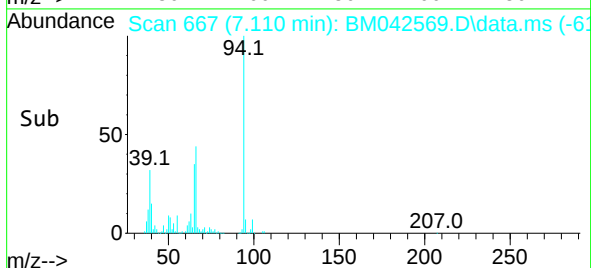
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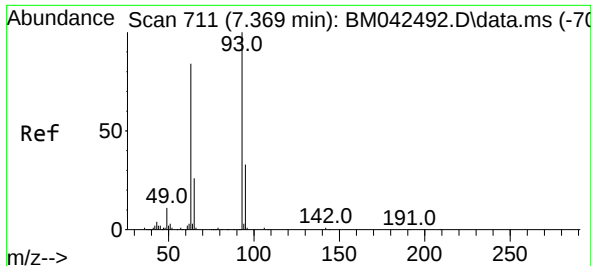


#10
Phenol
Concen: 52.531 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



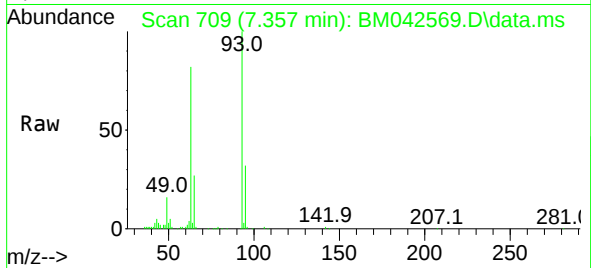
Tgt Ion: 94 Resp: 198615
Ion Ratio Lower Upper
94 100
65 35.1 11.5 51.5
66 44.0 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.212 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

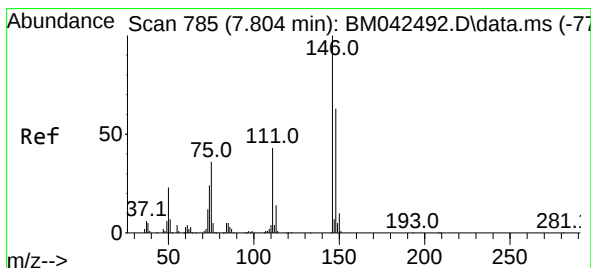
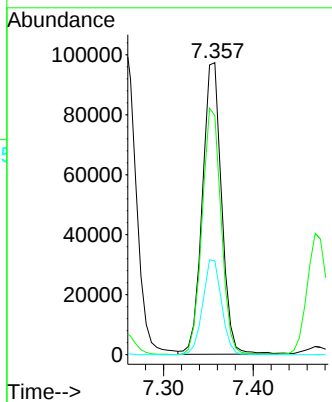
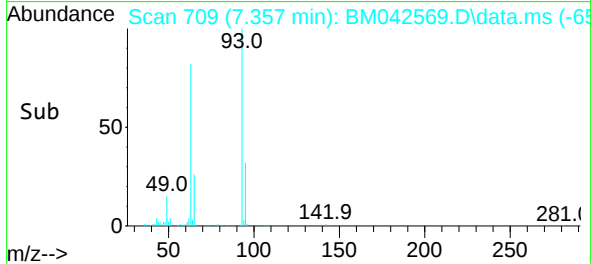
Instrument :
BNA_M
ClientSampleId :
PB156852BS



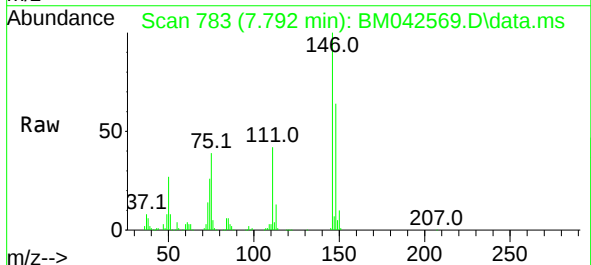
Tgt Ion: 93 Resp: 144615
Ion Ratio Lower Upper
93 100
63 81.9 63.2 103.2
95 32.1 12.3 52.3

Manual Integrations
APPROVED

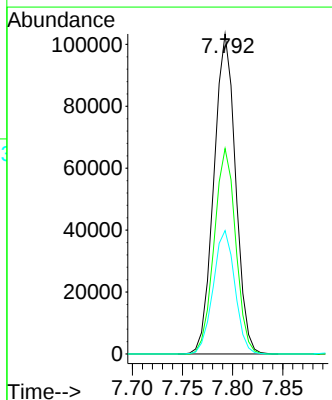
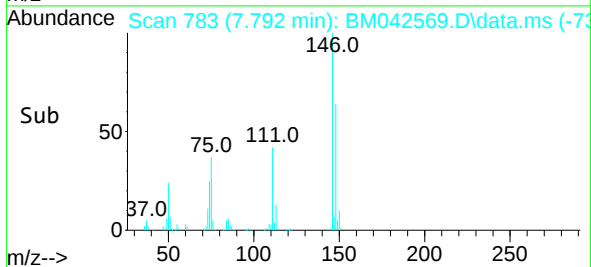
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#12
1,3-Dichlorobenzene
Concen: 49.124 ng
RT: 7.792 min Scan# 783
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:146 Resp: 155393
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 38.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 49.360 ng

RT: 7.951 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

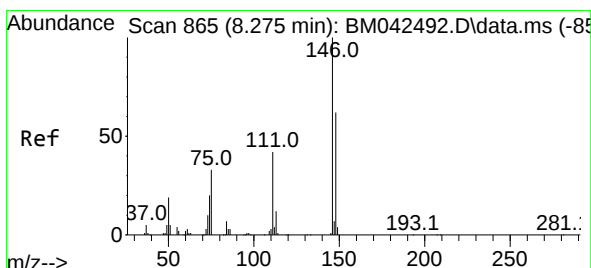
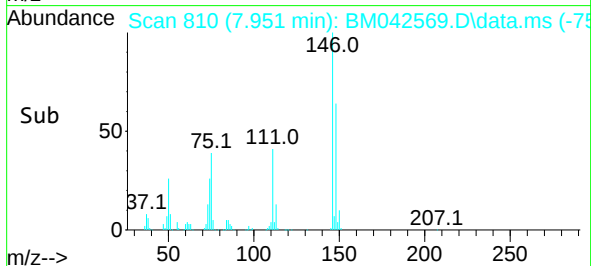
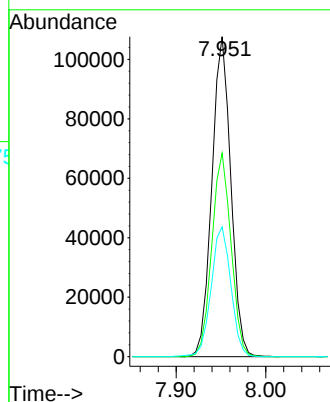
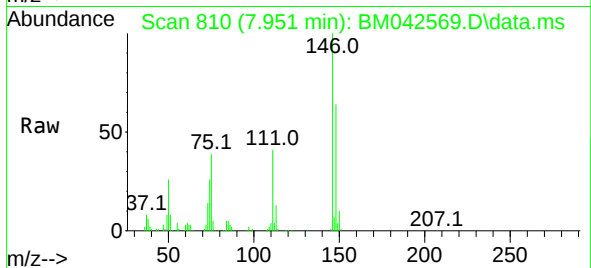
Tgt Ion:	146	Resp:	15802
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.0	75.0
111	40.6	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 48.662 ng

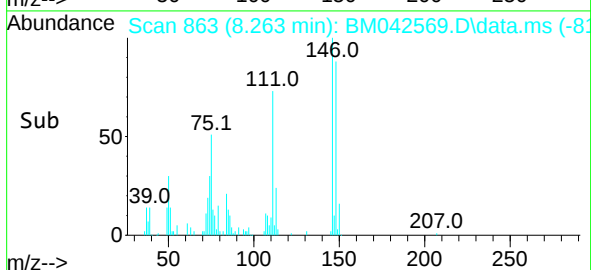
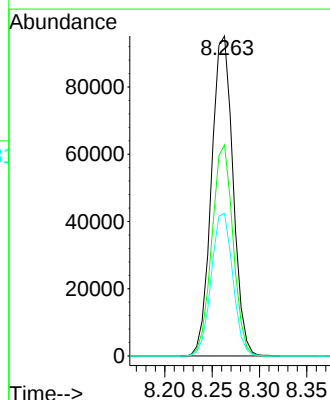
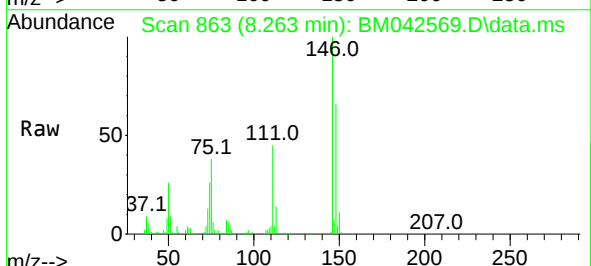
RT: 8.263 min Scan# 863

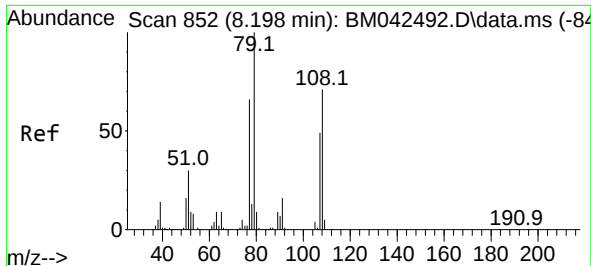
Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

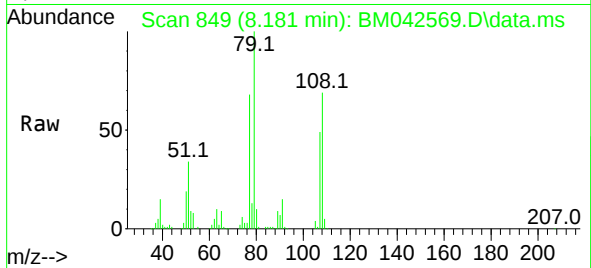
Tgt Ion:	146	Resp:	150410
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.0	75.0
111	44.5	34.5	51.7





#15
Benzyl Alcohol
Concen: 54.223 ng m
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

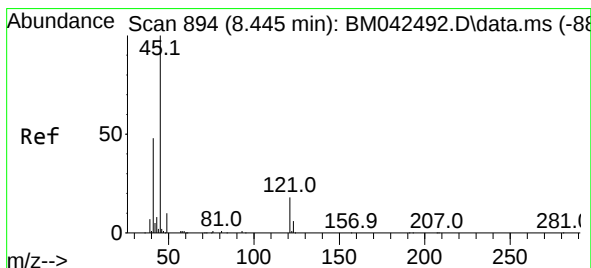
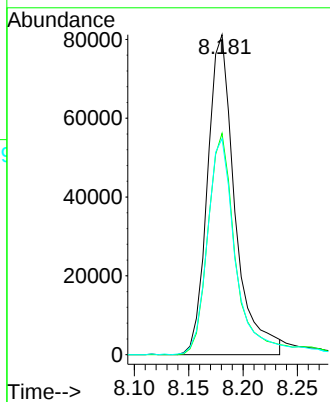
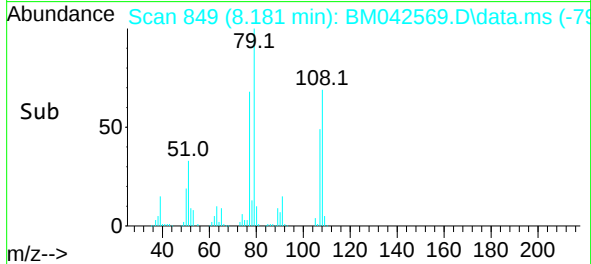
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion: 79 Resp: 142908
Ion Ratio Lower Upper
79 100
108 69.2 56.8 85.2
77 67.5 53.0 79.4

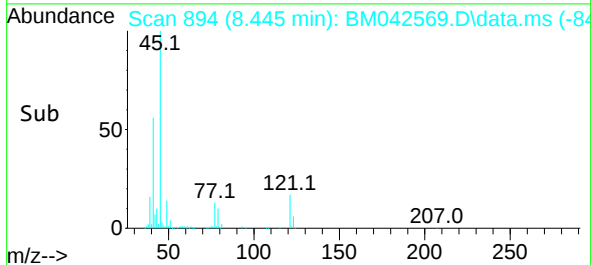
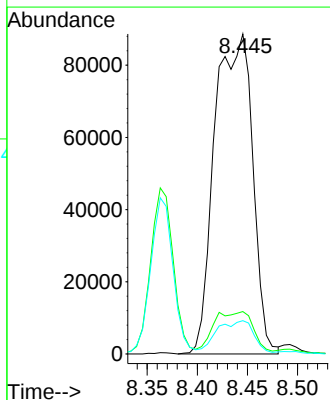
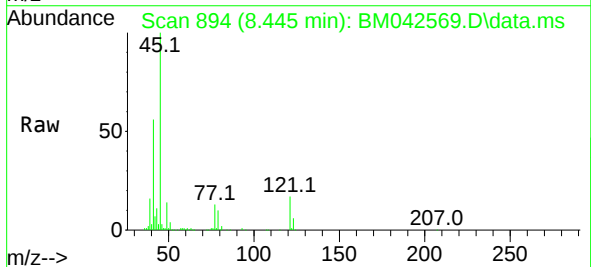
Manual Integrations
APPROVED

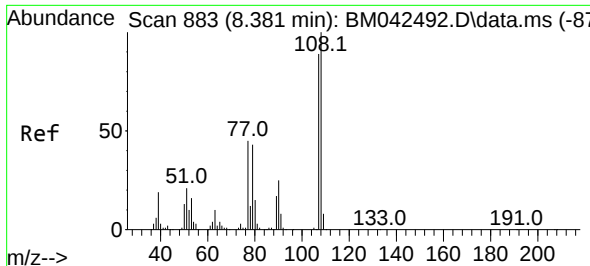
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.793 ng
RT: 8.445 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

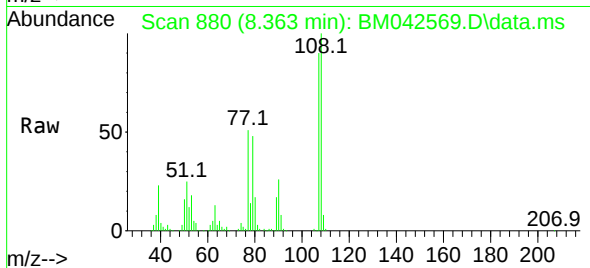
Tgt Ion: 45 Resp: 233089
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.0
79 10.4 0.0 29.5





#17
2-Methylphenol
Concen: 47.693 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

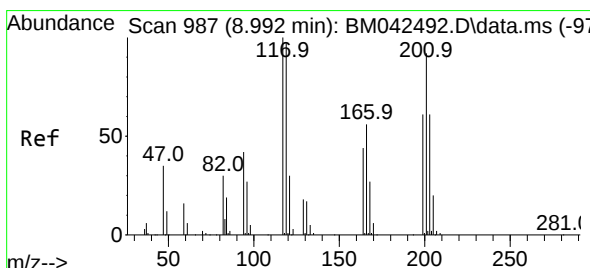
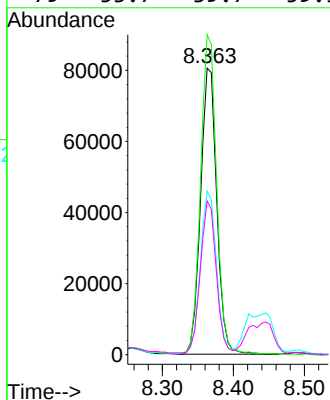
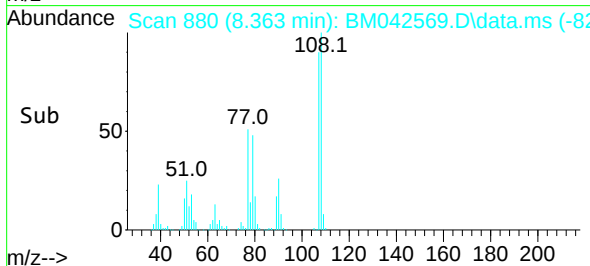
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:107 Resp: 12768
Ion Ratio Lower Upper
107 100
108 111.7 90.4 135.6
77 57.1 40.6 60.8
79 53.7 39.7 59.5

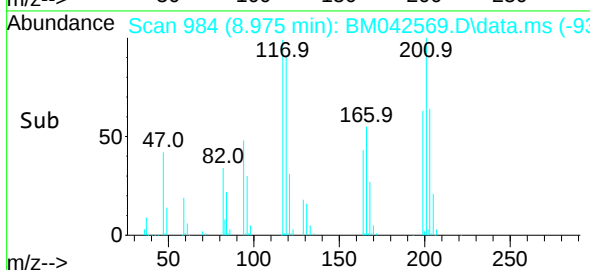
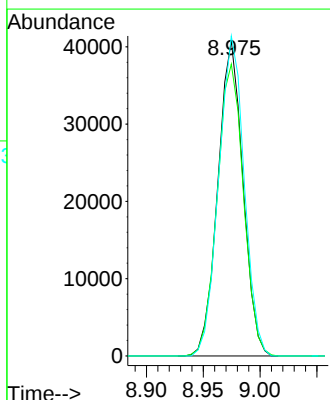
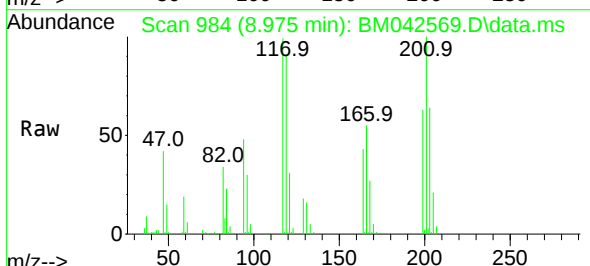
Manual Integrations
APPROVED

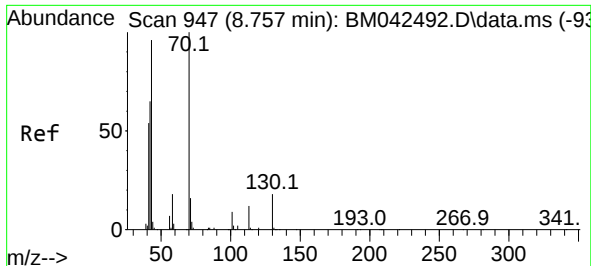
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#18
Hexachloroethane
Concen: 49.960 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

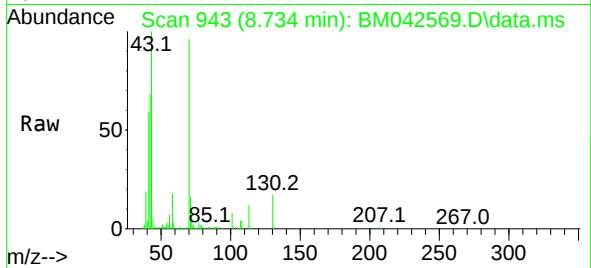
Tgt Ion:117 Resp: 62582
Ion Ratio Lower Upper
117 100
119 92.6 77.9 116.9
201 101.5 73.7 110.5





#19
n-Nitroso-di-n-propylamine
Concen: 48.506 ng
RT: 8.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

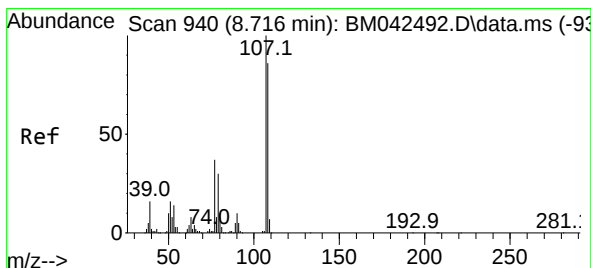
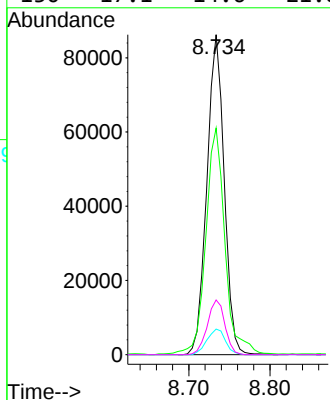
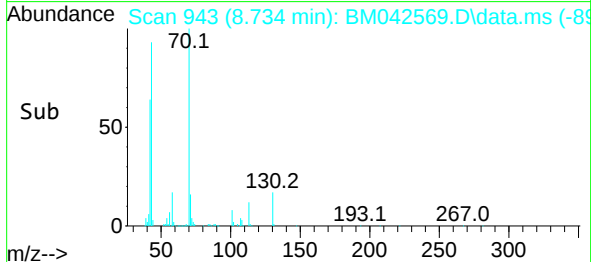
Instrument :
BNA_M
ClientSampleId :
PB156852BS



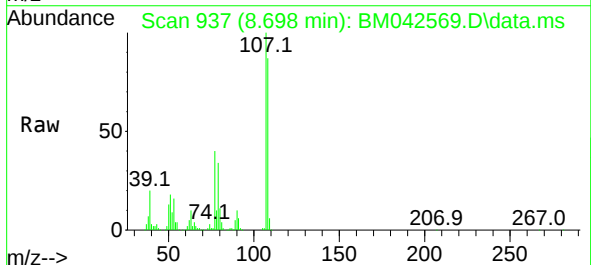
Tgt Ion: 70 Resp: 12774
Ion Ratio Lower Upper
70 100
42 70.8 52.5 78.7
101 8.0 7.0 10.4
130 17.1 14.6 21.8

Manual Integrations
APPROVED

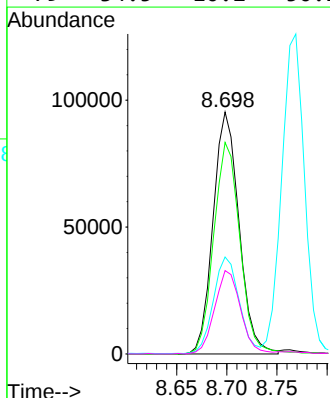
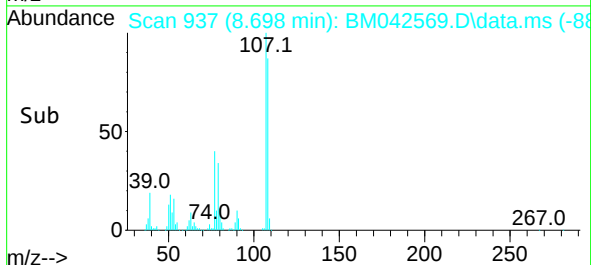
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

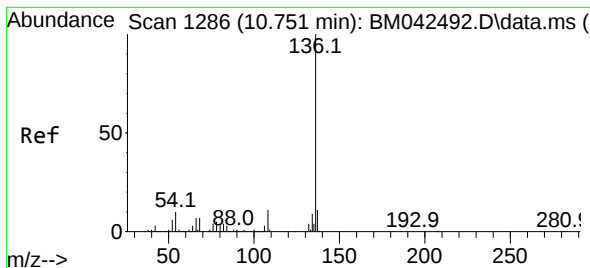


#20
3+4-Methylphenols
Concen: 47.875 ng
RT: 8.698 min Scan# 937
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



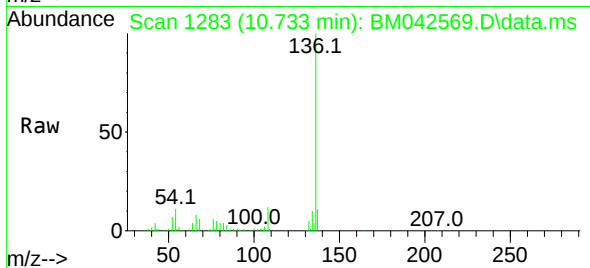
Tgt Ion:107 Resp: 171354
Ion Ratio Lower Upper
107 100
108 87.4 66.4 106.4
77 40.1 17.6 57.6
79 34.5 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

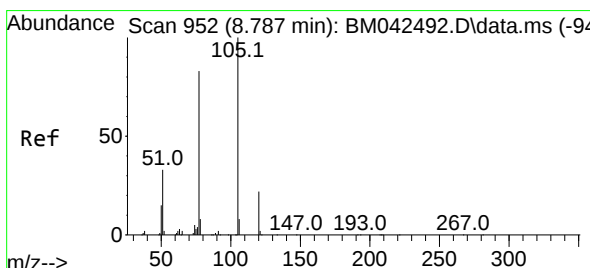
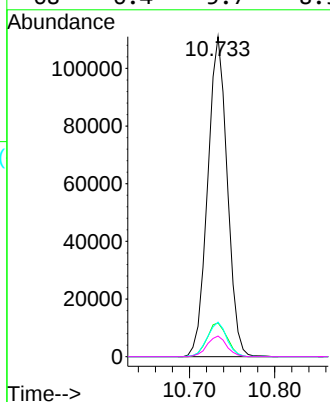
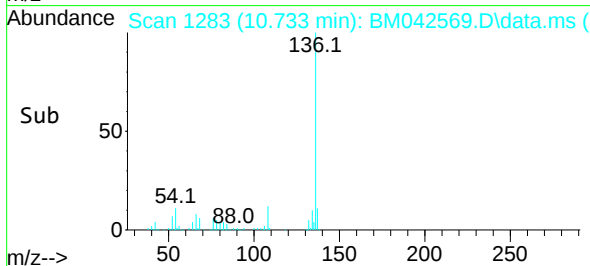
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:136 Resp: 17695
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.8 8.0 12.0
68 6.4 5.7 8.5

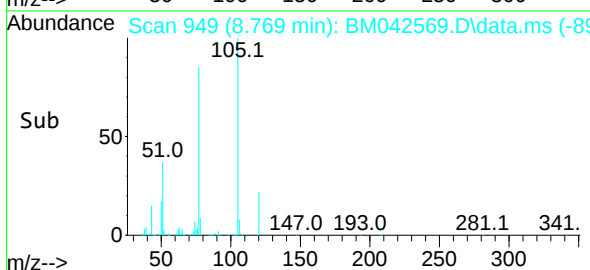
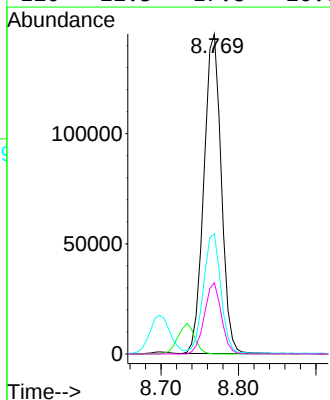
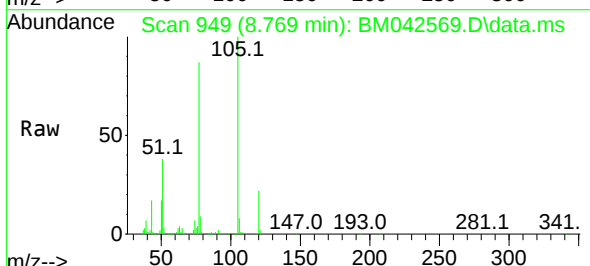
Manual Integrations
APPROVED

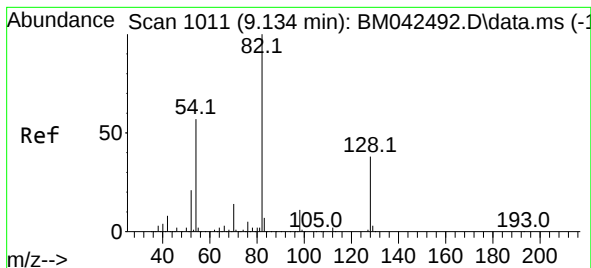
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 50.666 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Tgt Ion:105 Resp: 226119
Ion Ratio Lower Upper
105 100
71 0.0 0.2 0.2#
51 37.6 27.6 41.4
120 22.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 100.555 ng

RT: 9.116 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

Tgt Ion: 82 Resp: 381708

Ion Ratio Lower Upper

82 100

128 37.8 30.7 46.1

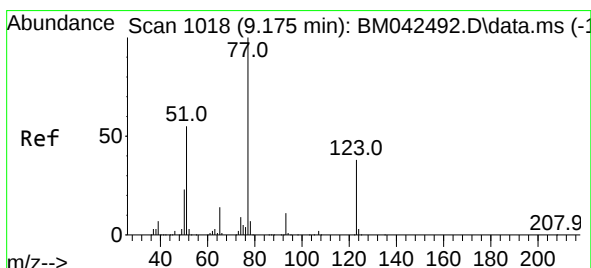
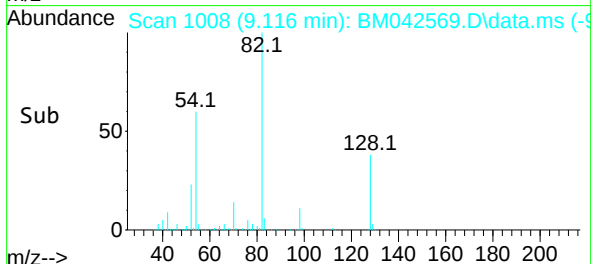
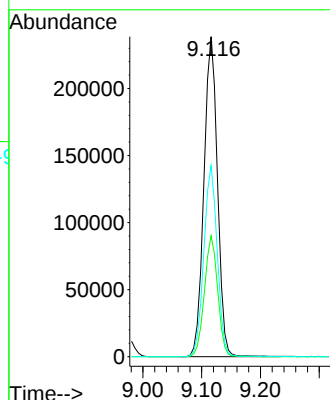
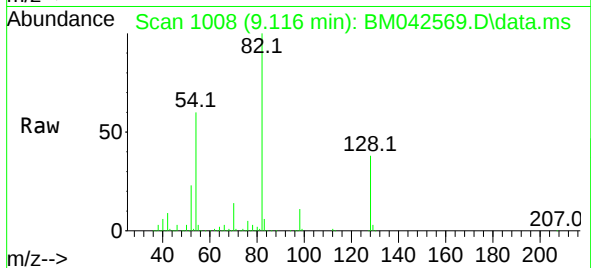
54 59.7 45.3 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#24

Nitrobenzene

Concen: 50.672 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

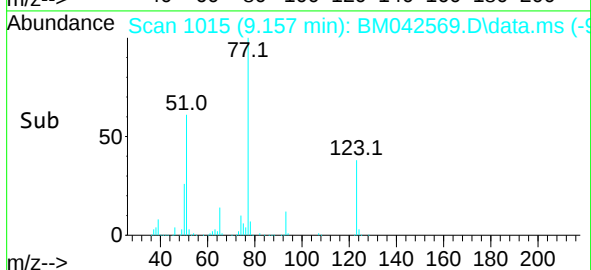
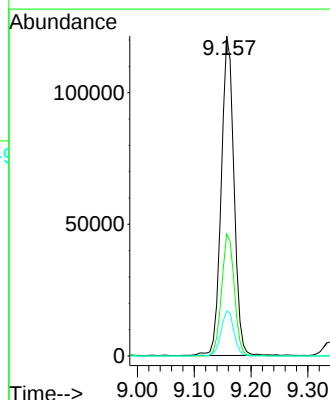
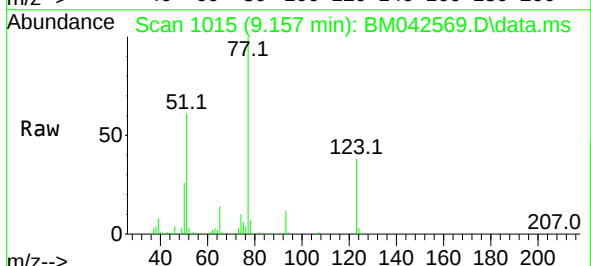
Tgt Ion: 77 Resp: 189457

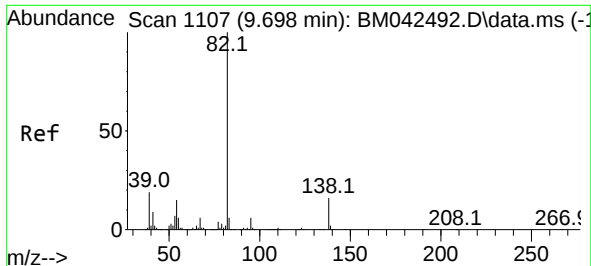
Ion Ratio Lower Upper

77 100

123 38.1 30.6 46.0

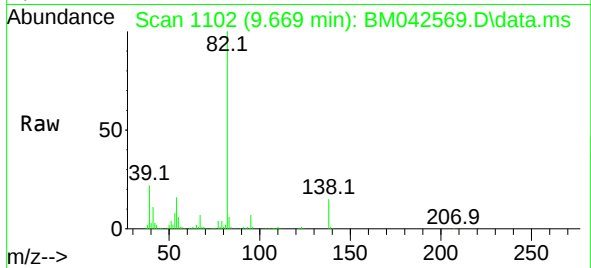
65 14.1 10.8 16.2





#25
Isophorone
Concen: 49.859 ng
RT: 9.669 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

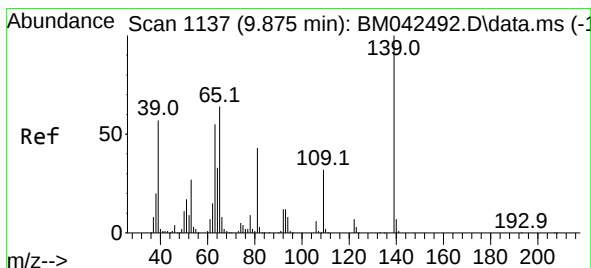
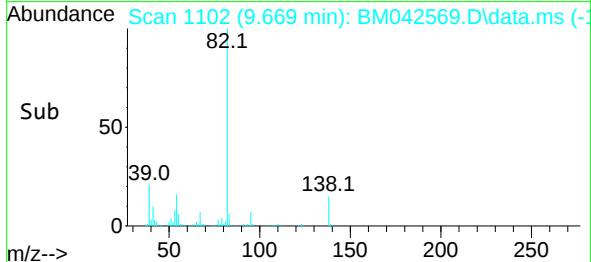
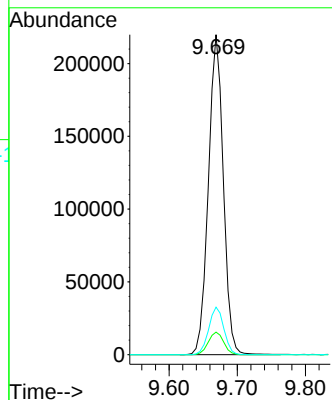
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion: 82 Resp: 334990
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 14.9 12.6 18.8

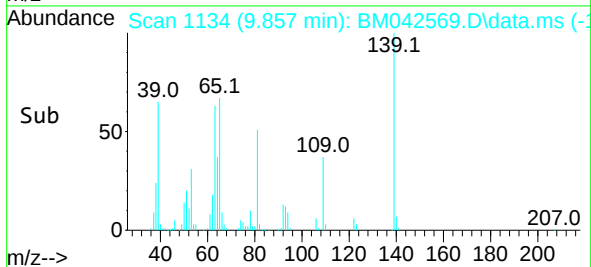
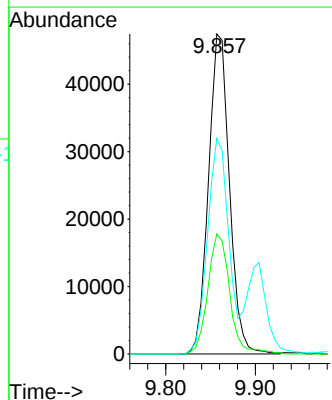
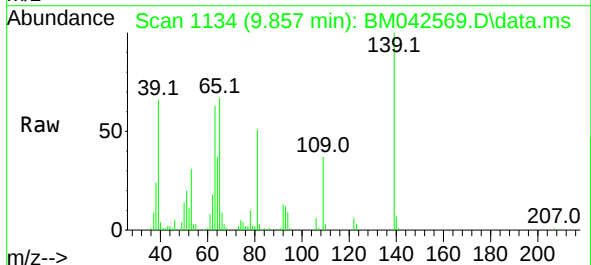
Manual Integrations
APPROVED

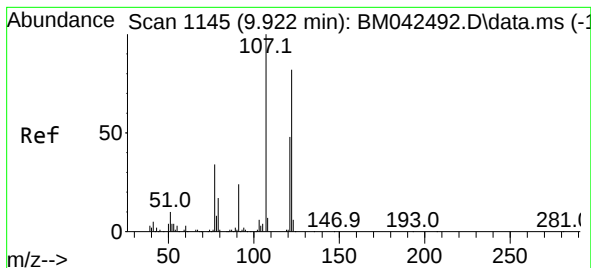
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#26
2-Nitrophenol
Concen: 48.436 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

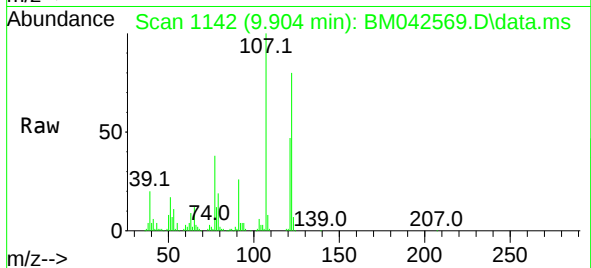
Tgt Ion:139 Resp: 77065
Ion Ratio Lower Upper
139 100
109 37.5 25.2 37.8
65 67.4 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 53.696 ng m
RT: 9.904 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

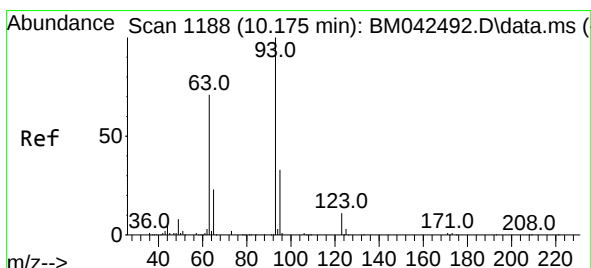
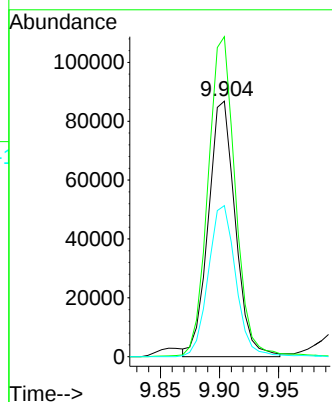
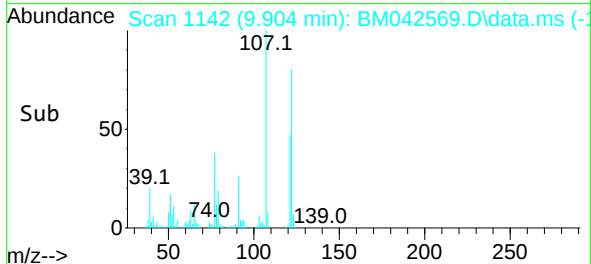
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:122 Resp: 138019
Ion Ratio Lower Upper
122 100
107 125.2 95.4 143.2
121 59.1 46.0 69.0

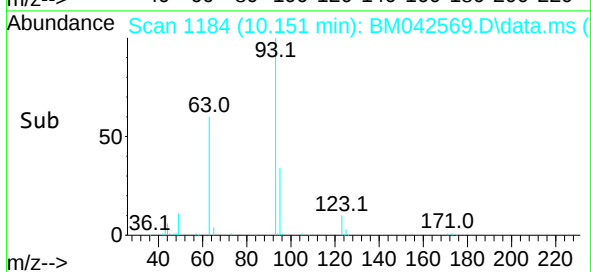
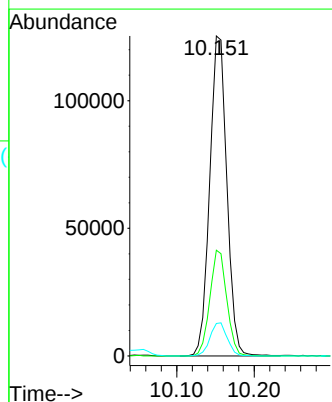
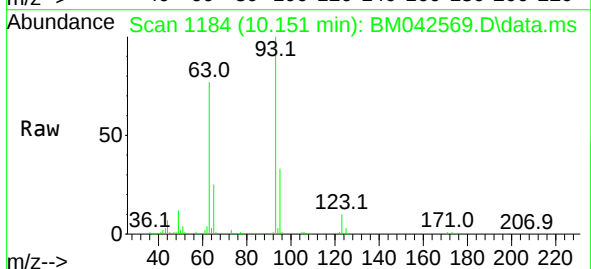
Manual Integrations
APPROVED

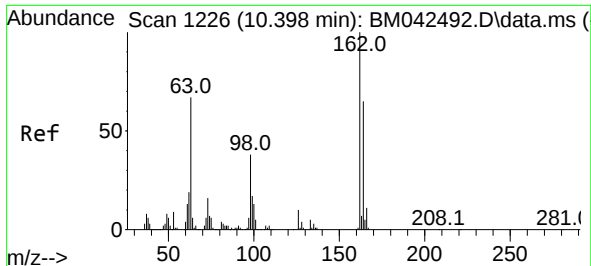
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.591 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Tgt Ion: 93 Resp: 192641
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 10.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 55.817 ng

RT: 10.381 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BM042569.D

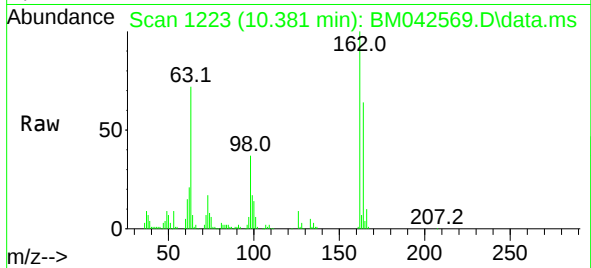
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS



Tgt Ion:162 Resp: 141958

Ion Ratio Lower Upper

162 100

164 63.6 44.9 84.9

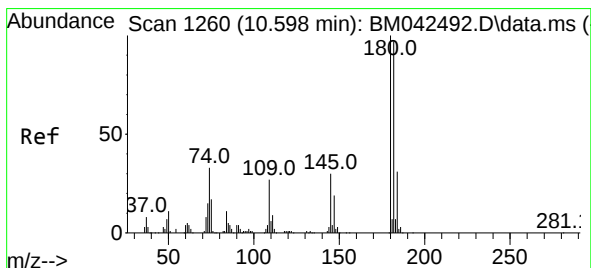
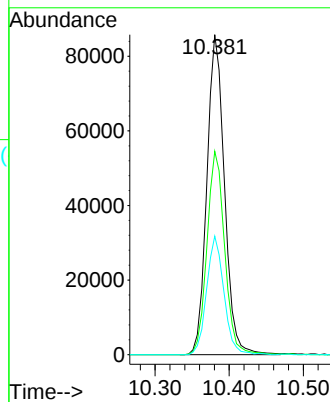
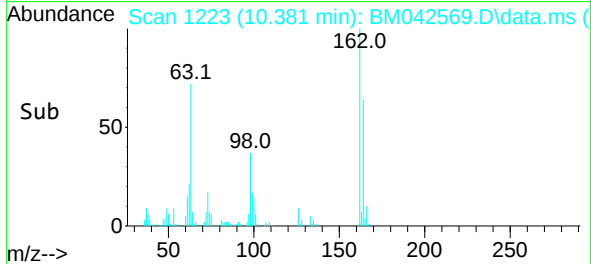
98 37.1 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 53.474 ng

RT: 10.586 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

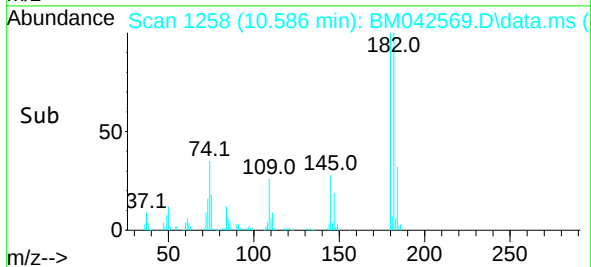
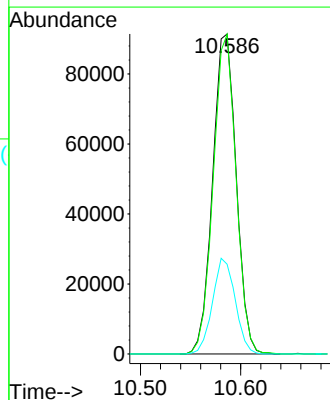
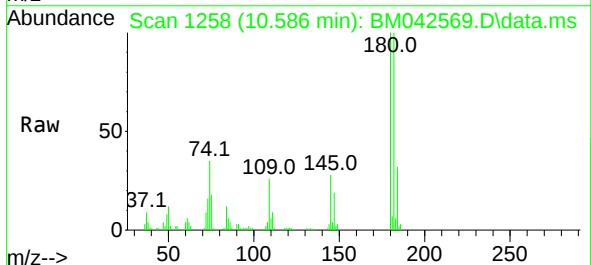
Tgt Ion:180 Resp: 149044

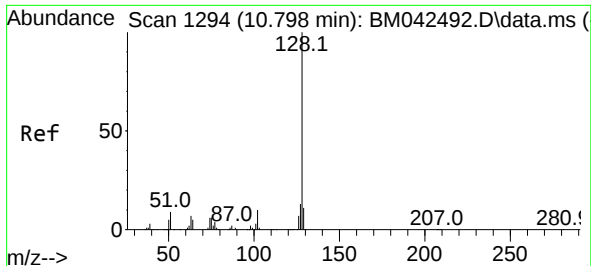
Ion Ratio Lower Upper

180 100

182 99.8 77.8 116.8

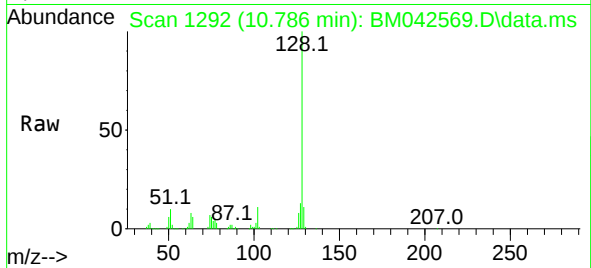
145 28.1 24.4 36.6





#31
Naphthalene
Concen: 47.988 ng
RT: 10.786 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

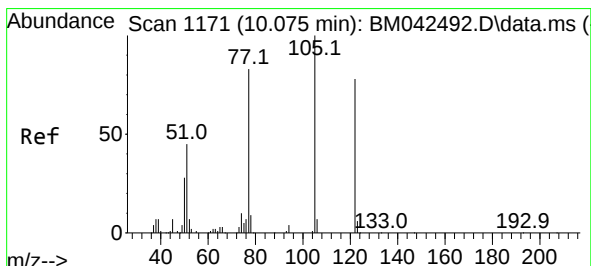
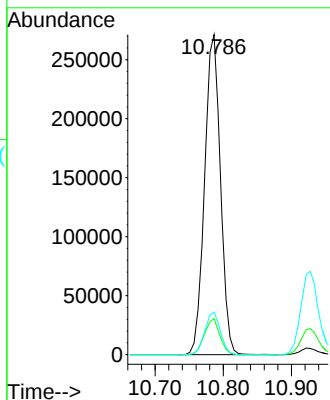
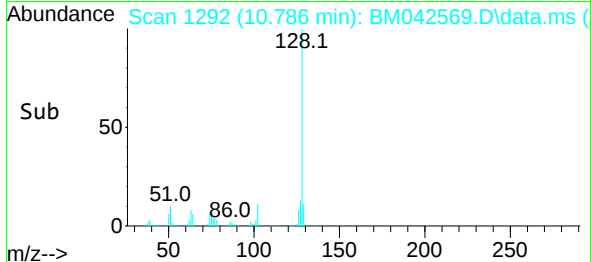
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:128 Resp: 438733
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.6 15.8

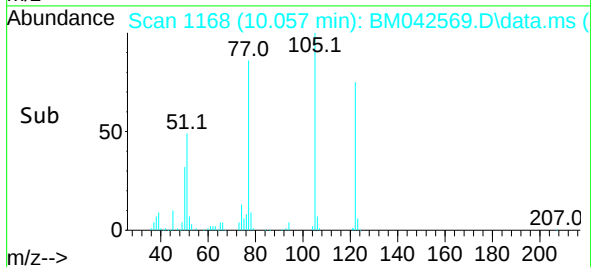
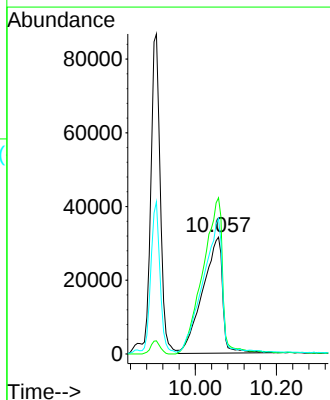
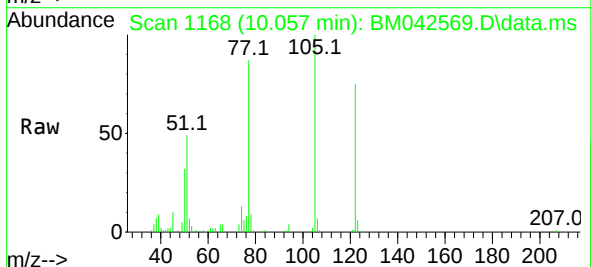
Manual Integrations
APPROVED

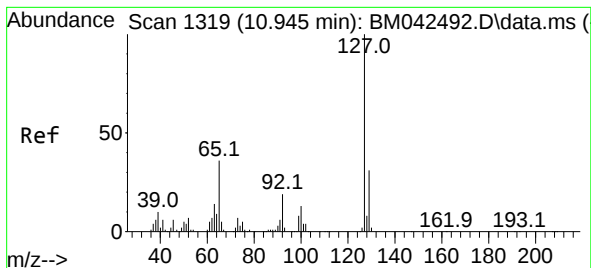
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 51.021 ng
RT: 10.057 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Tgt Ion:122 Resp: 107255
Ion Ratio Lower Upper
122 100
105 133.7 105.2 145.2
77 116.1 84.8 124.8





#33
4-Chloroaniline
Concen: 37.787 ng
RT: 10.928 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

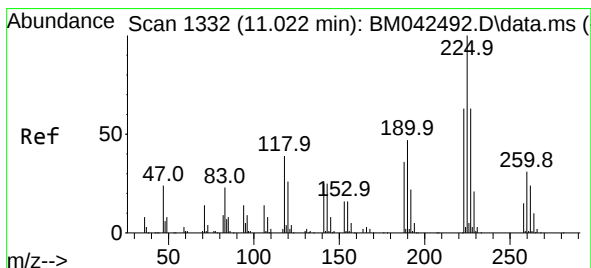
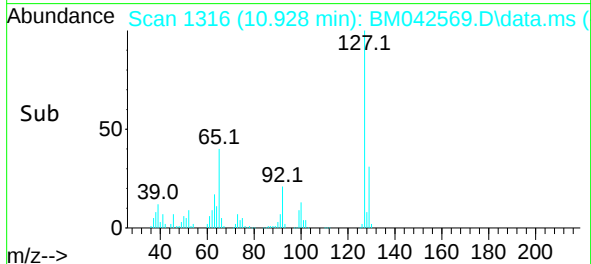
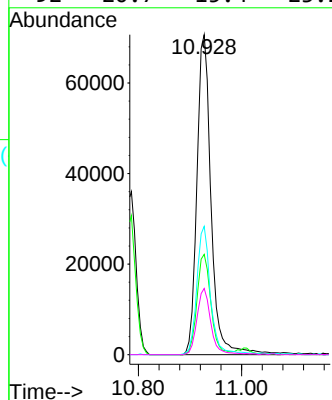
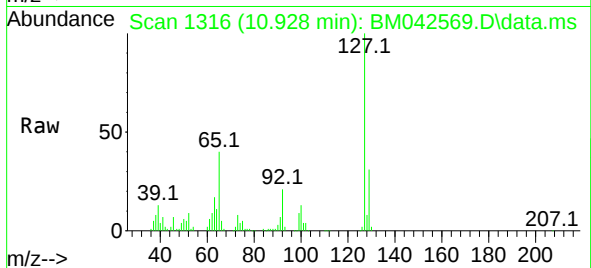
PB156852BS

Tgt Ion:127 Resp: 134700
Ion Ratio Lower Upper
127 100
129 31.3 25.0 37.4
65 40.1 29.0 43.4
92 20.7 15.4 23.2

Manual Integrations

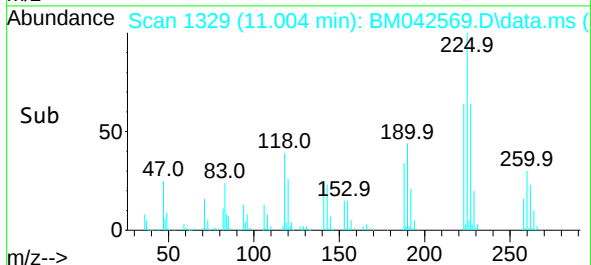
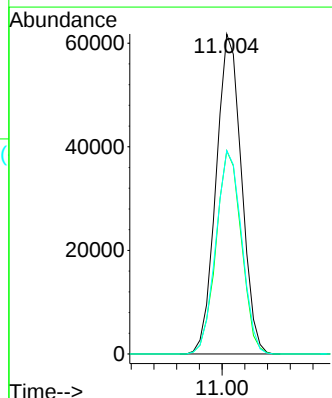
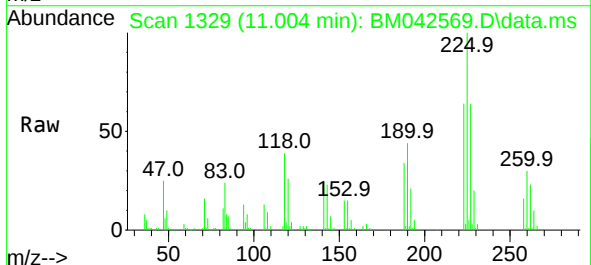
APPROVED

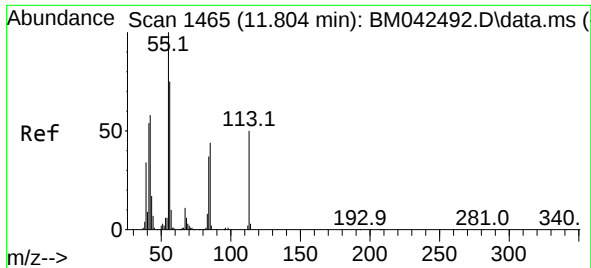
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#34
Hexachlorobutadiene
Concen: 56.663 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

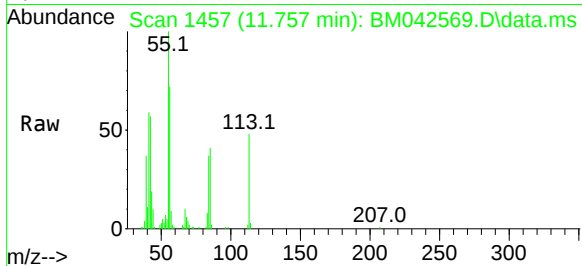
Tgt Ion:225 Resp: 95888
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 63.6 50.6 75.8





#35
Caprolactam
Concen: 50.349 ng
RT: 11.757 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

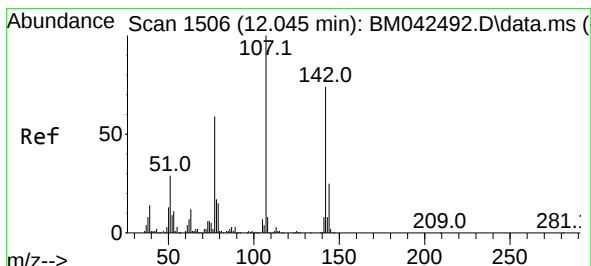
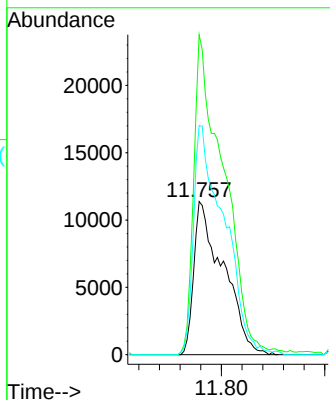
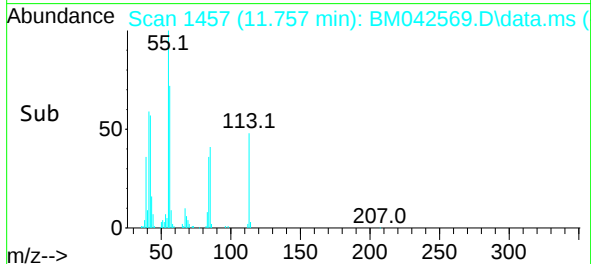
Instrument :
BNA_M
ClientSampleId :
PB156852BS



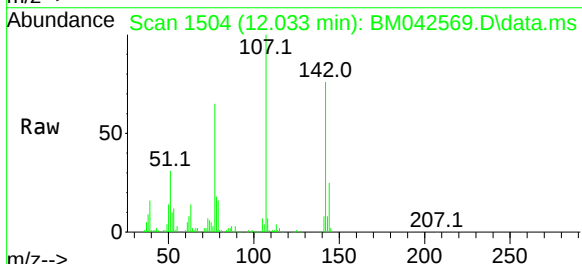
Tgt Ion:113 Resp: 4499
Ion Ratio Lower Upper
113 100
55 209.0 180.9 220.9
56 149.7 130.0 170.0

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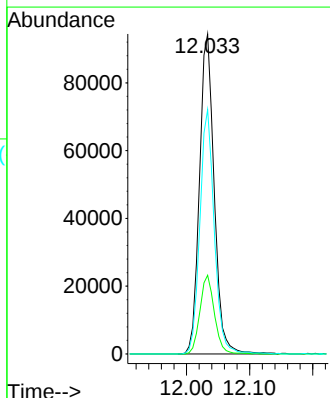
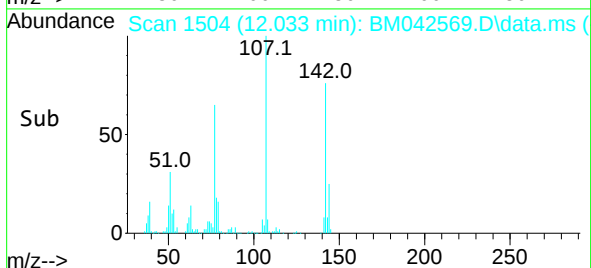
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

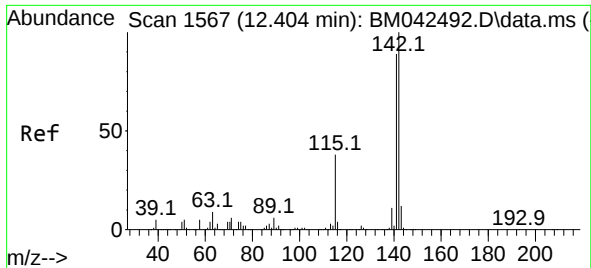


#36
4-Chloro-3-methylphenol
Concen: 52.700 ng
RT: 12.033 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:107 Resp: 152534
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.2
142 76.3 59.5 89.3





#37
2-Methylnaphthalene
Concen: 46.688 ng
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

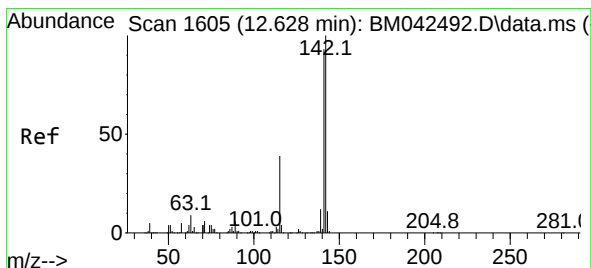
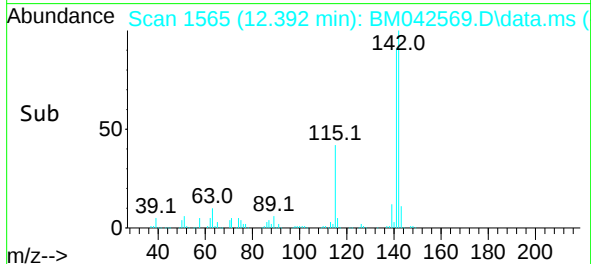
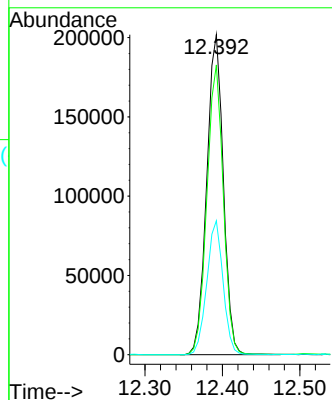
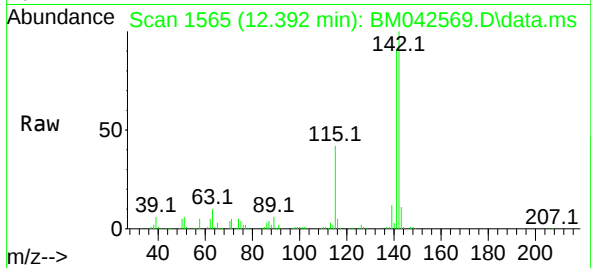
PB156852BS

Tgt Ion:142 Resp: 300614
Ion Ratio Lower Upper
142 100
141 90.6 70.9 106.3
115 41.9 30.2 45.2

Manual Integrations

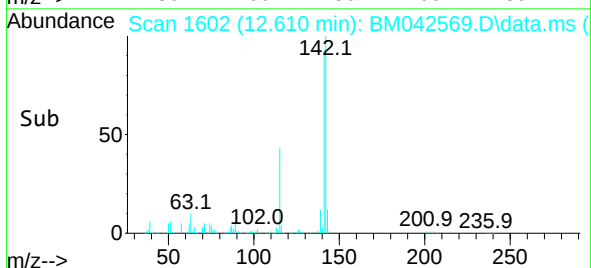
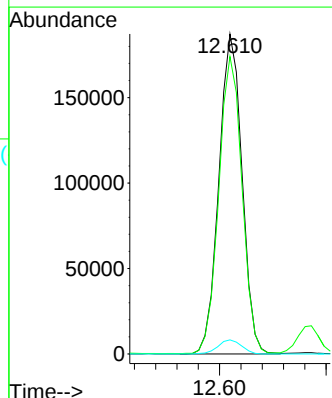
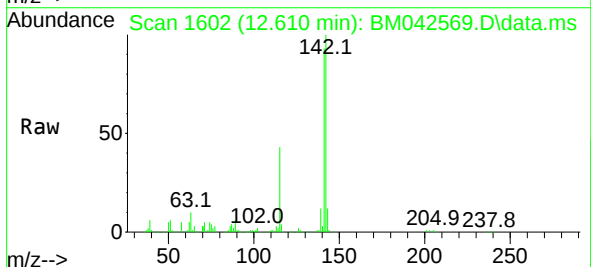
APPROVED

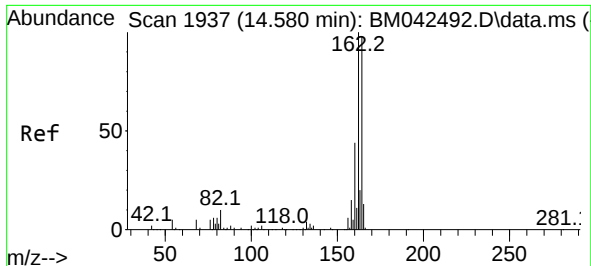
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#38
1-Methylnaphthalene
Concen: 46.480 ng
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

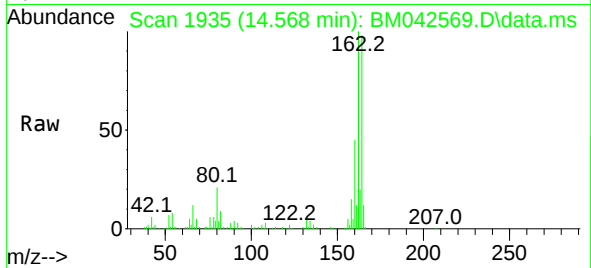
Tgt Ion:142 Resp: 281692
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.4 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

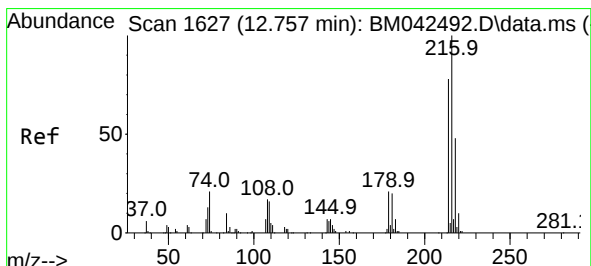
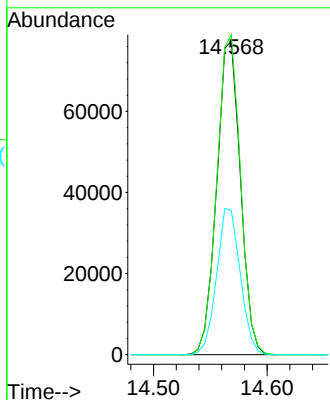
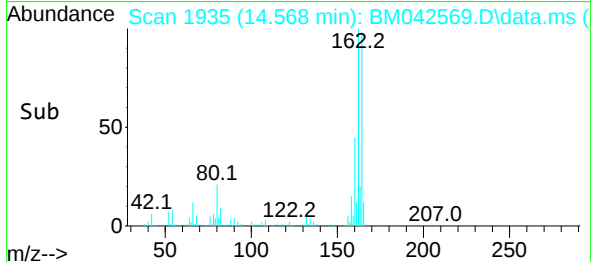
Instrument :
BNA_M
ClientSampleId :
PB156852BS



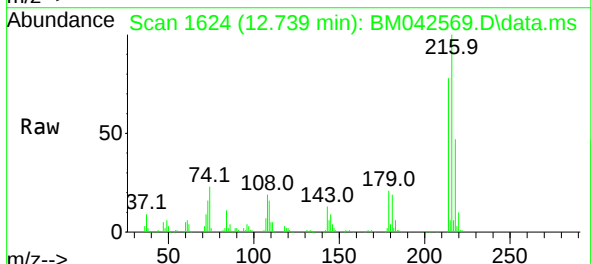
Tgt Ion:164 Resp: 11237
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 46.0 36.2 54.4

Manual Integrations
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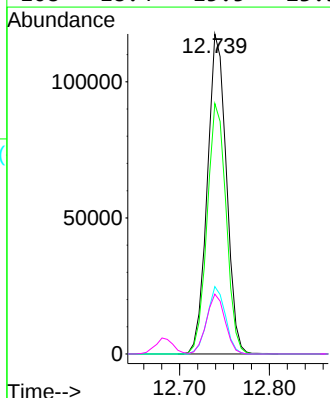
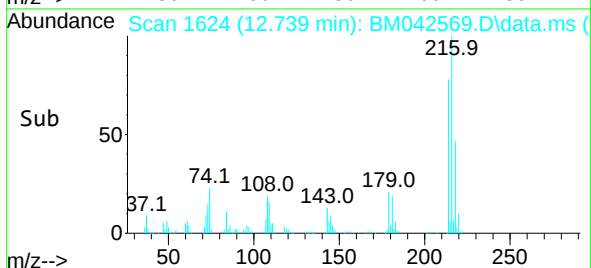
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

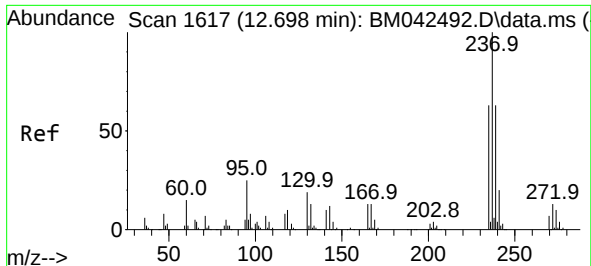


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.591 ng
RT: 12.739 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



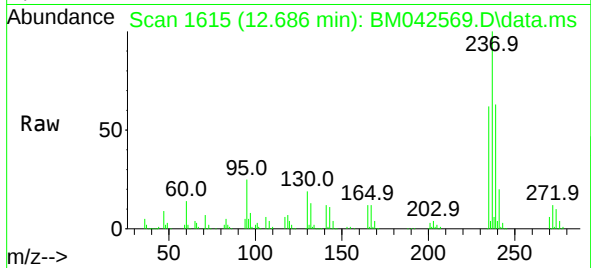
Tgt Ion:216 Resp: 173204
Ion Ratio Lower Upper
216 100
214 78.0 62.5 93.7
179 20.2 16.7 25.1
108 18.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 96.017 ng
RT: 12.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

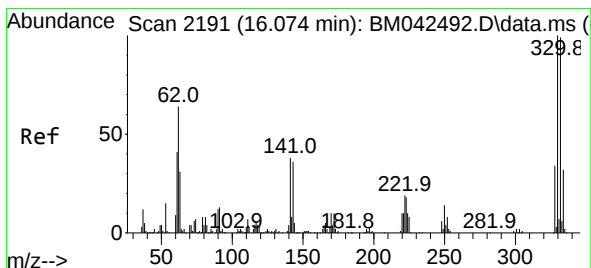
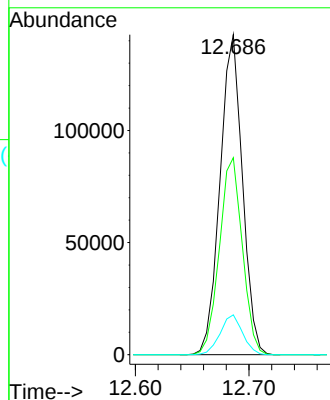
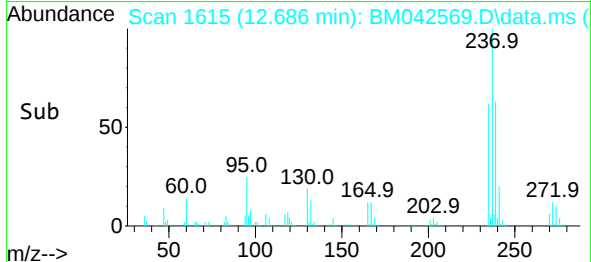
Instrument :
BNA_M
ClientSampleId :
PB156852BS



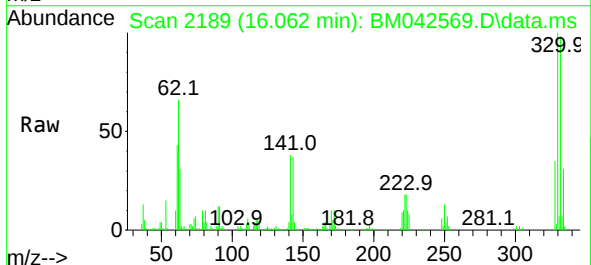
Tgt Ion: 237 Resp: 195900
Ion Ratio Lower Upper
237 100
235 61.5 42.5 82.5
272 12.4 0.0 33.2

Manual Integrations
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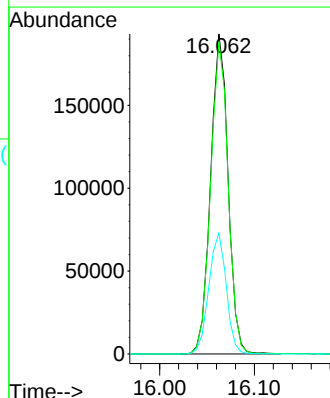
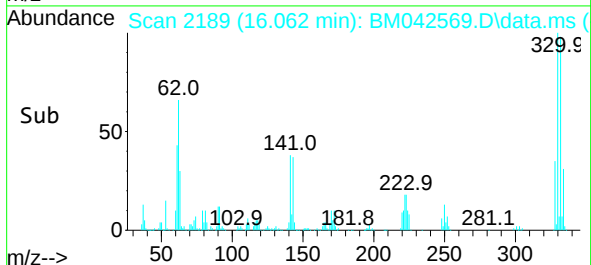
Reviewed By : Yogesh Patel 11/04/2023
Supervised By : mohammad ahmed 11/04/2023

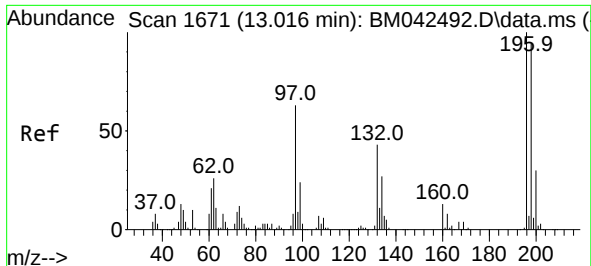


#42
2,4,6-Tribromophenol
Concen: 168.503 ng
RT: 16.062 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion: 330 Resp: 247224
Ion Ratio Lower Upper
330 100
332 97.8 78.8 118.2
141 37.7 31.1 46.7





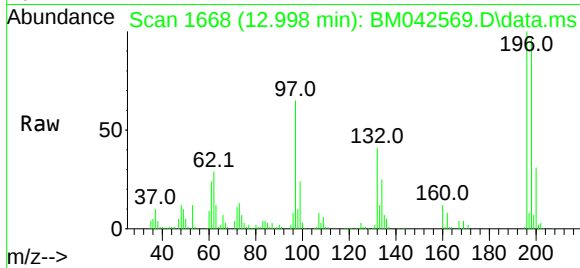
#43
2,4,6-Trichlorophenol
Concen: 53.776 ng
RT: 12.998 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

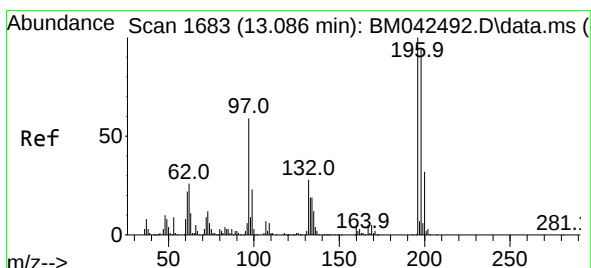
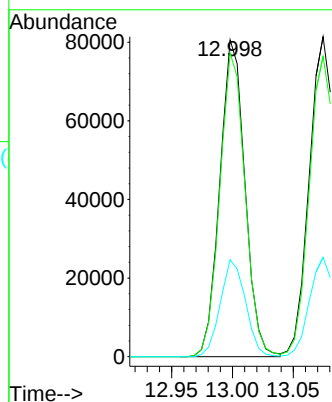


Tgt Ion:196 Resp: 11563
Ion Ratio Lower Upper
196 100
198 95.9 75.2 112.8
200 30.6 24.3 36.5

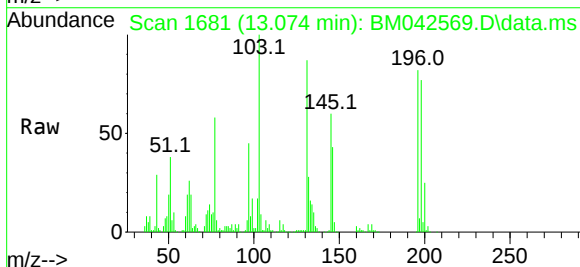
Manual Integrations

APPROVED

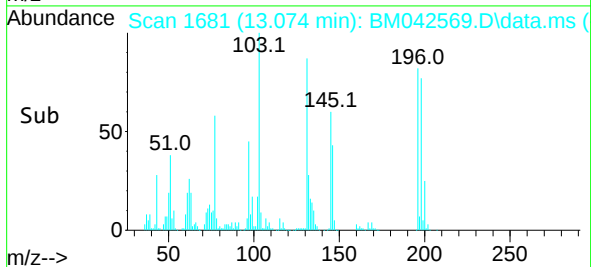
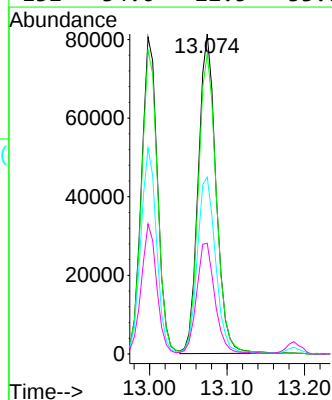
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

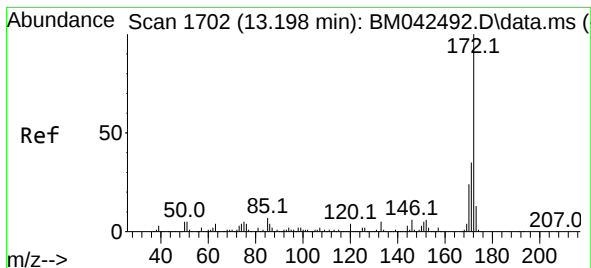


#44
2,4,5-Trichlorophenol
Concen: 50.538 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:196 Resp: 129318
Ion Ratio Lower Upper
196 100
198 93.9 75.1 112.7
97 55.2 47.4 71.0
132 34.6 22.5 33.7#





#45

2-Fluorobiphenyl

Concen: 94.251 ng

RT: 13.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042569.D

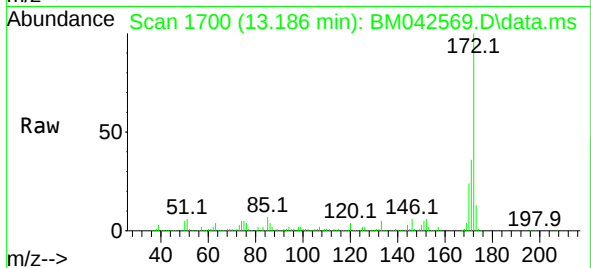
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS



Tgt Ion:172 Resp: 787134

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

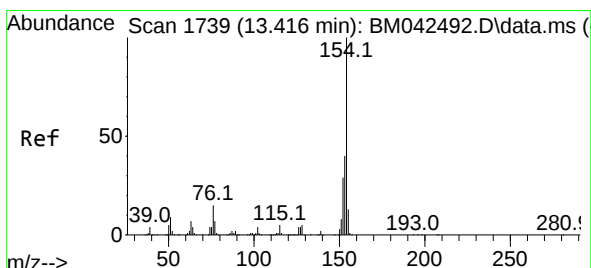
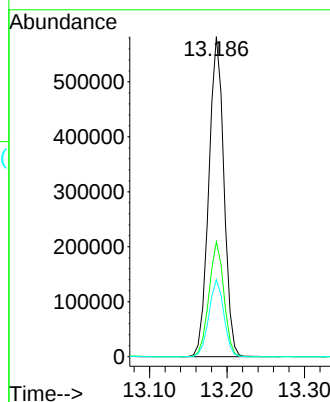
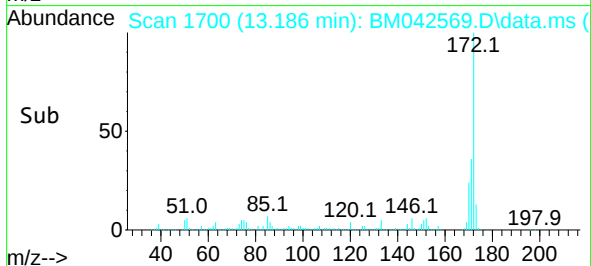
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#46

1,1'-Biphenyl

Concen: 47.344 ng

RT: 13.404 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

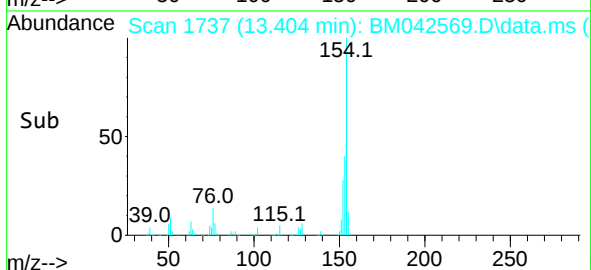
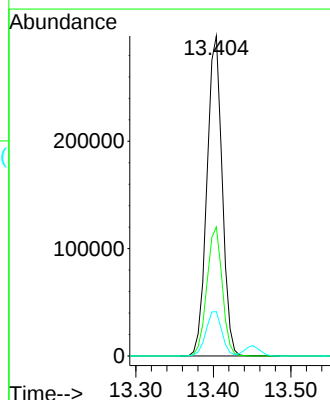
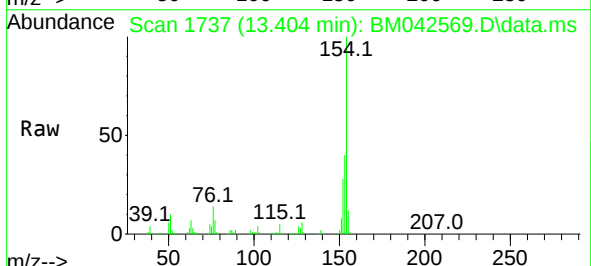
Tgt Ion:154 Resp: 406700

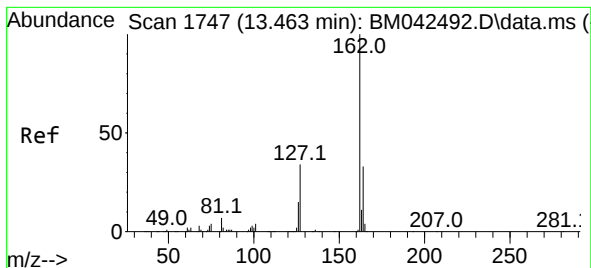
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

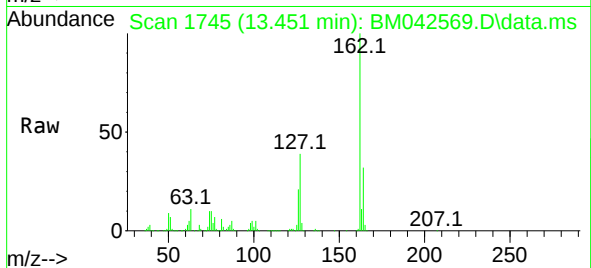
76 13.8 0.0 35.0





#47
2-Chloronaphthalene
Concen: 49.621 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

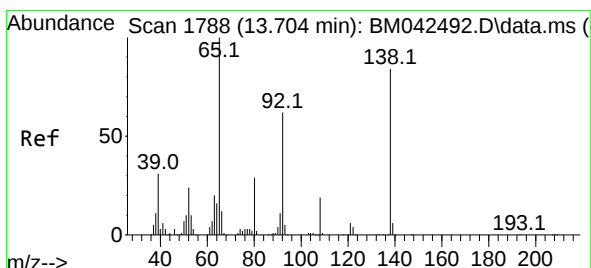
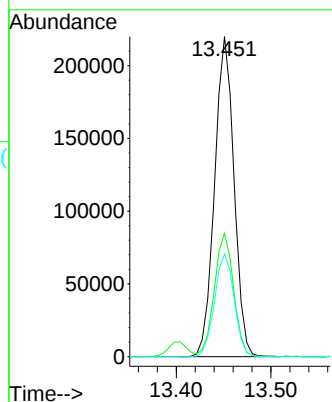
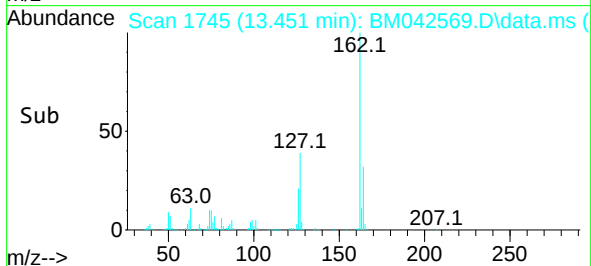
Instrument :
BNA_M
ClientSampleId :
PB156852BS



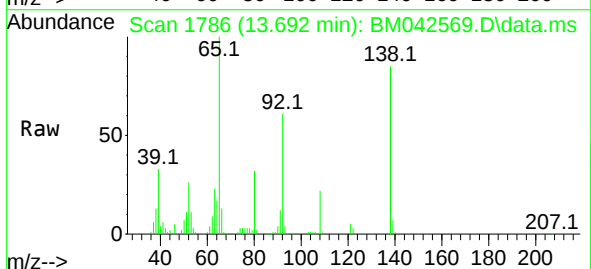
Tgt Ion:162 Resp: 312708
Ion Ratio Lower Upper
162 100
127 38.6 31.1 46.7
164 32.1 26.2 39.4

Manual Integrations
APPROVED

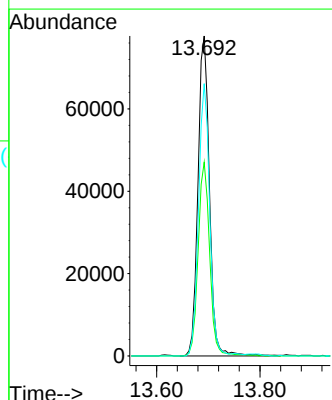
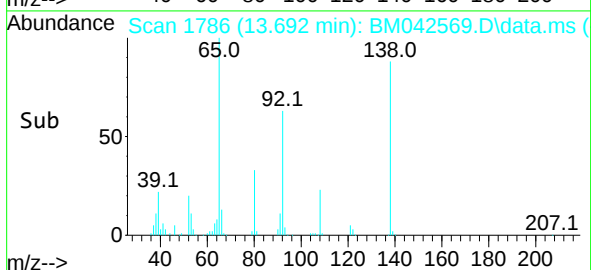
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

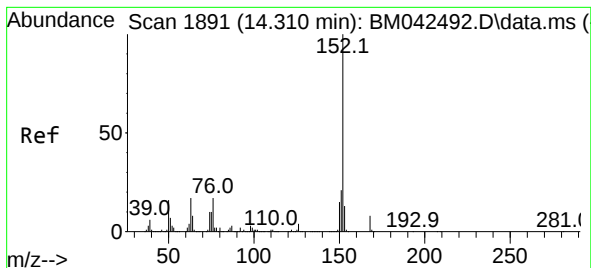


#48
2-Nitroaniline
Concen: 47.303 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion: 65 Resp: 120058
Ion Ratio Lower Upper
65 100
92 60.5 49.4 74.2
138 85.1 66.9 100.3





#49

Acenaphthylene

Concen: 48.013 ng

RT: 14.298 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BM042569.D

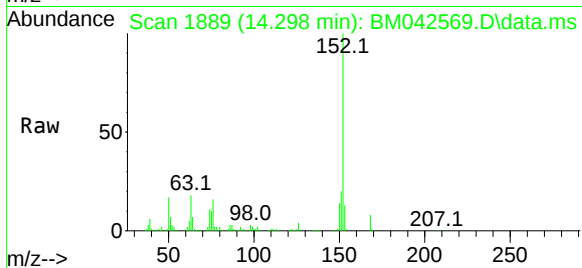
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS



Tgt Ion:152 Resp: 50110

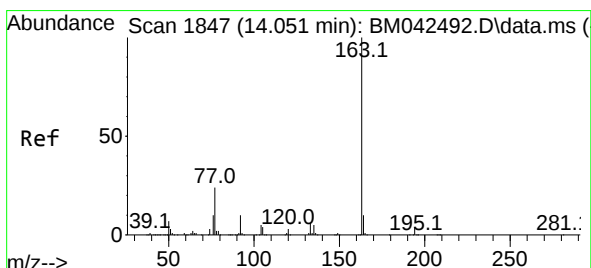
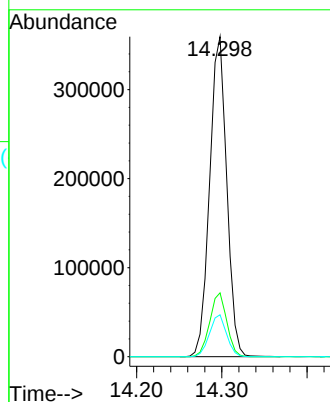
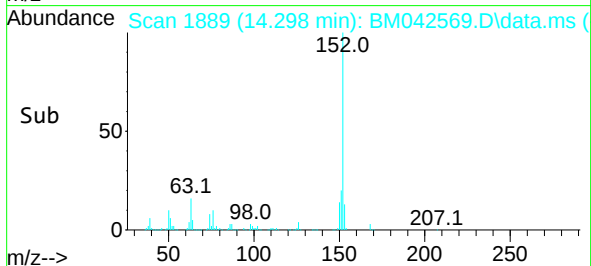
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	13.1	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#50

Dimethylphthalate

Concen: 47.533 ng

RT: 14.033 min Scan# 1844

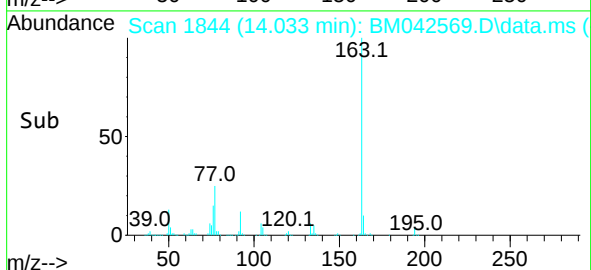
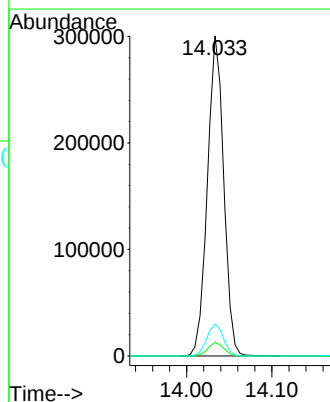
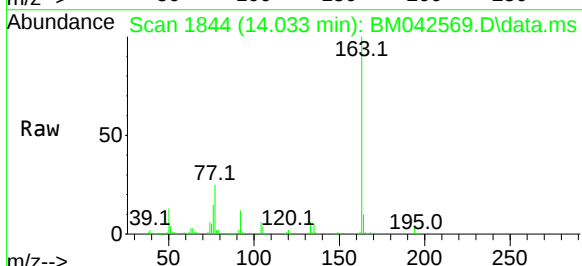
Delta R.T. -0.000 min

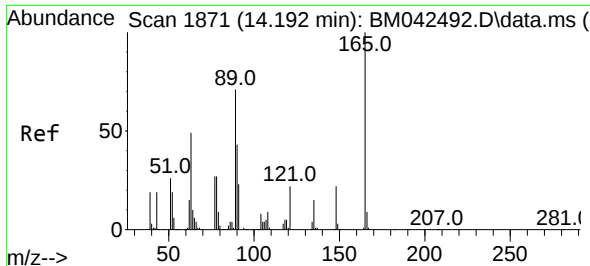
Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:163 Resp: 399240

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.0	7.8	11.8





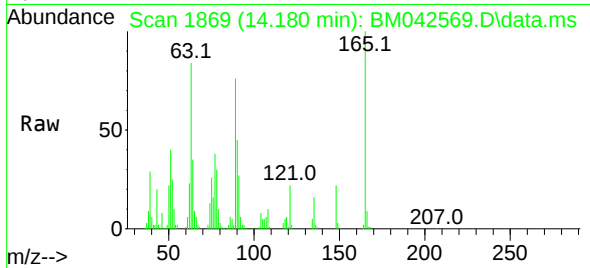
#51
2,6-Dinitrotoluene
Concen: 49.031 ng
RT: 14.180 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

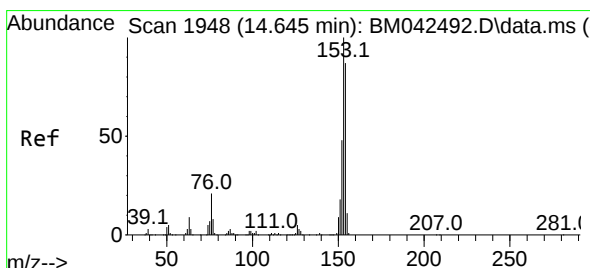
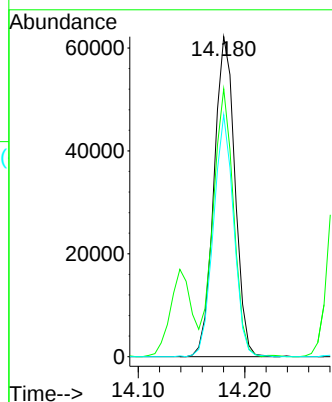
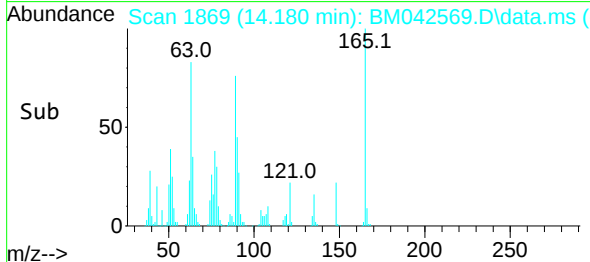


Tgt Ion:165 Resp: 84874
Ion Ratio Lower Upper
165 100
63 83.7 59.4 89.0
89 75.6 57.0 85.6

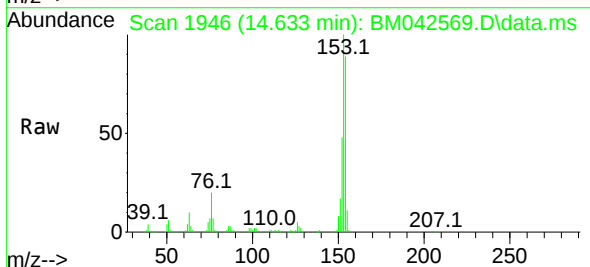
Manual Integrations

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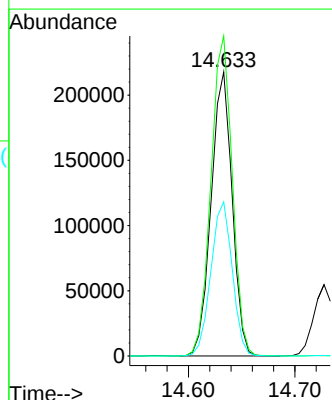
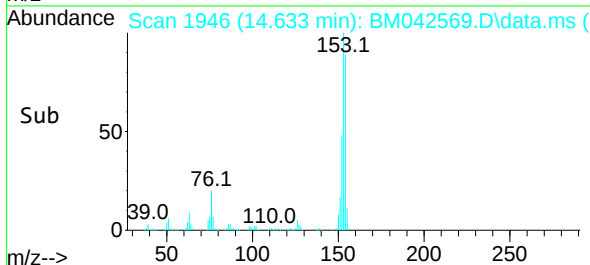
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

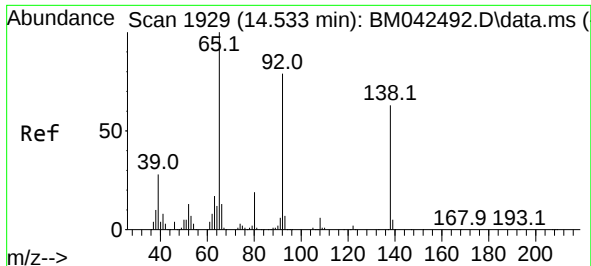


#52
Acenaphthene
Concen: 47.012 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:154 Resp: 297784
Ion Ratio Lower Upper
154 100
153 112.7 92.0 138.0
152 54.3 44.0 66.0





#53
3-Nitroaniline
Concen: 36.566 ng
RT: 14.521 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

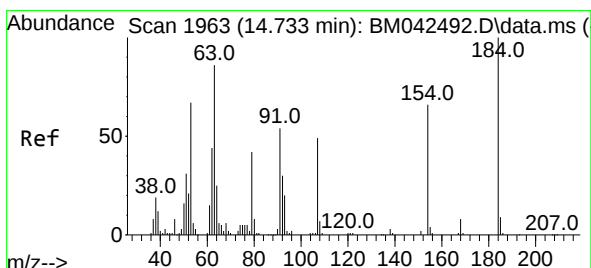
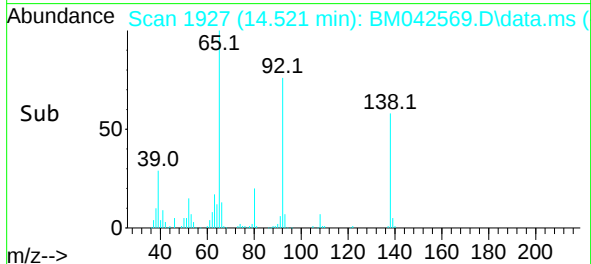
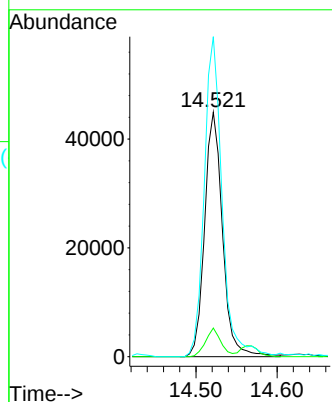
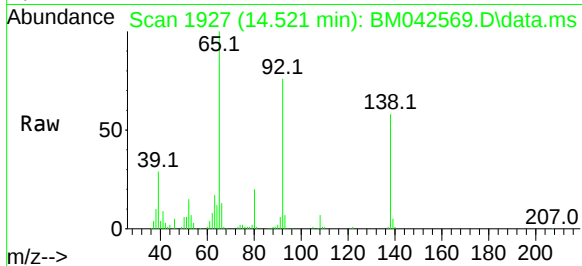
PB156852BS

Tgt Ion:138 Resp: 68769
Ion Ratio Lower Upper
138 100
108 11.7 7.9 11.9
92 130.9 100.7 151.1

Manual Integrations

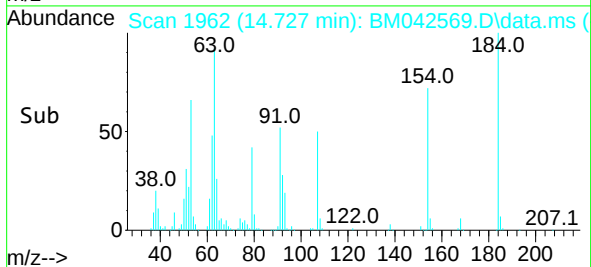
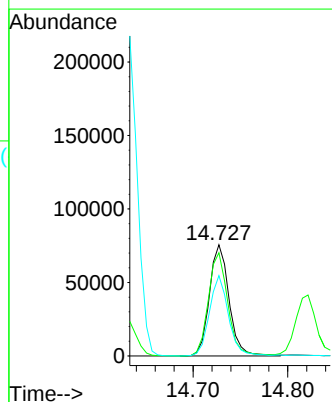
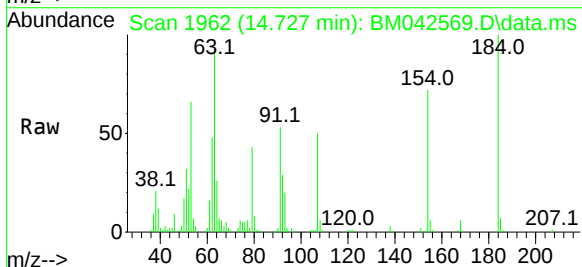
APPROVED

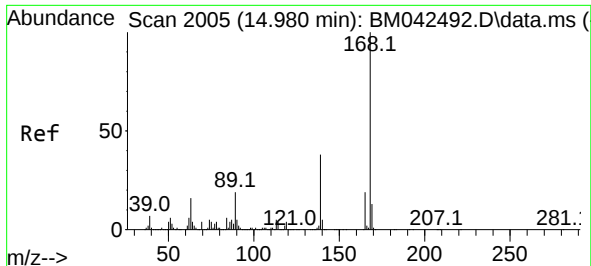
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 87.791 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

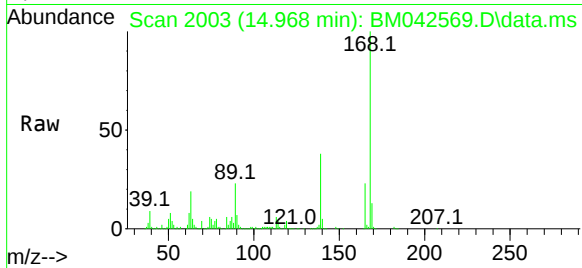
Tgt Ion:184 Resp: 108862
Ion Ratio Lower Upper
184 100
63 92.8 69.2 103.8
154 72.3 53.2 79.8





#55
Dibenzofuran
Concen: 48.599 ng
RT: 14.968 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

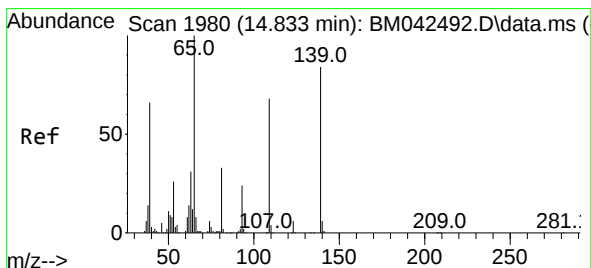
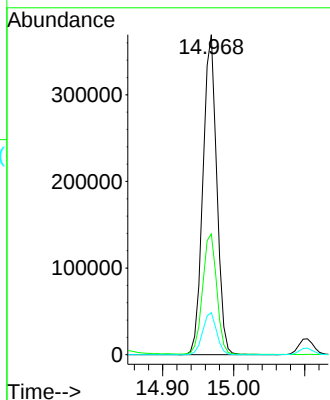
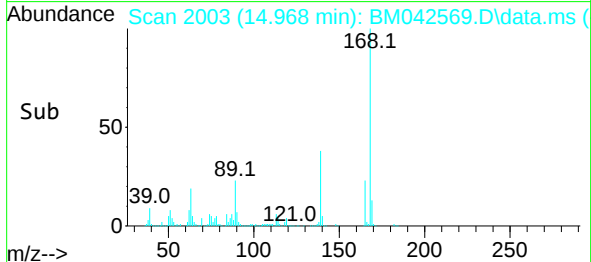
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:168 Resp: 500508
Ion Ratio Lower Upper
168 100
139 37.7 30.4 45.6
169 13.1 10.6 15.8

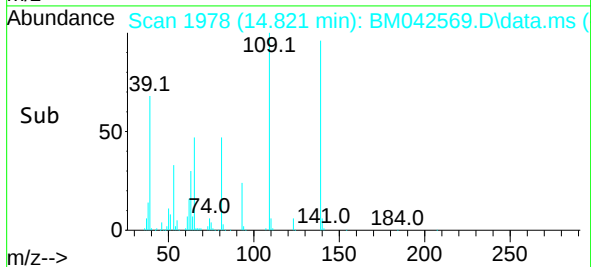
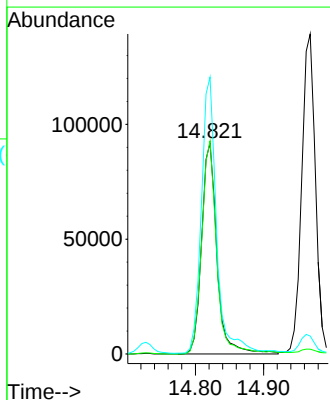
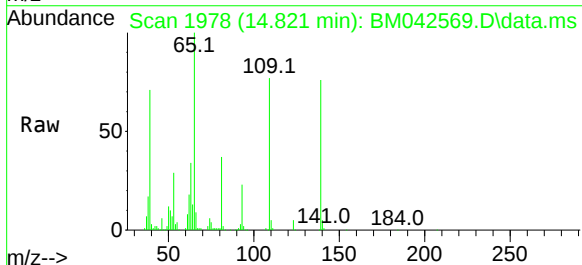
Manual Integrations
APPROVED

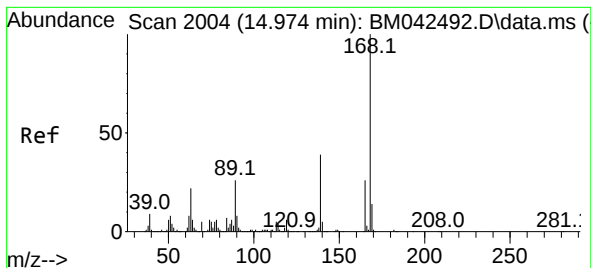
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#56
4-Nitrophenol
Concen: 90.445 ng
RT: 14.821 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

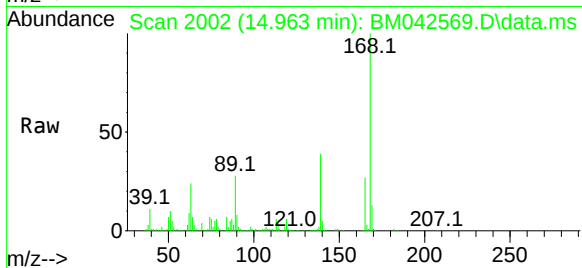
Tgt Ion:139 Resp: 143832
Ion Ratio Lower Upper
139 100
109 100.9 61.3 101.3
65 131.1 100.2 140.2





#57
2,4-Dinitrotoluene
Concen: 46.442 ng
RT: 14.963 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

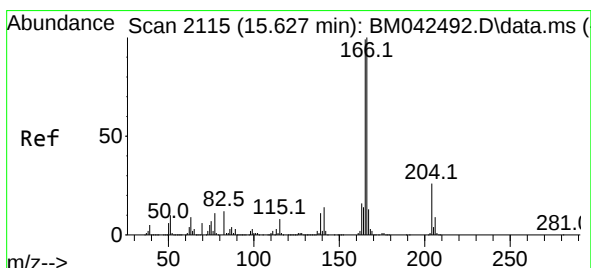
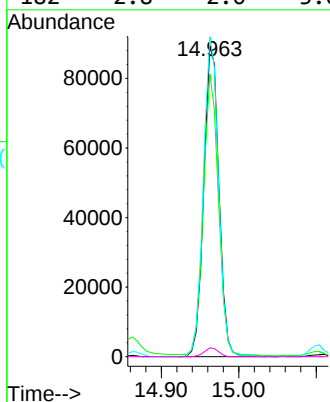
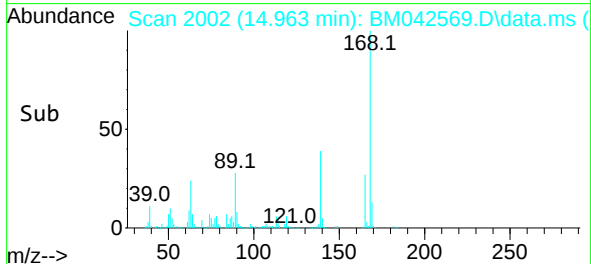
Instrument :
BNA_M
ClientSampleId :
PB156852BS



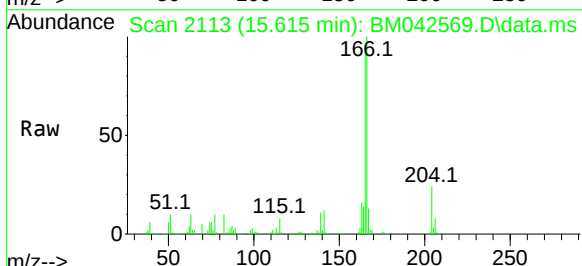
Tgt Ion:165 Resp: 121450
Ion Ratio Lower Upper
165 100
63 90.9 66.7 100.1
89 102.9 80.2 120.4
182 2.8 2.0 3.0

Manual Integrations
APPROVED

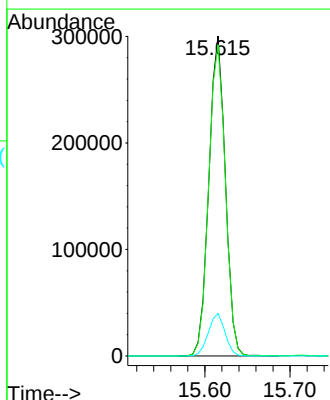
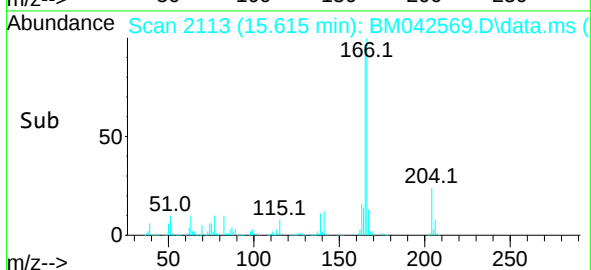
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

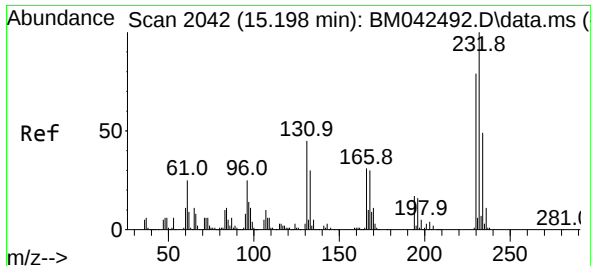


#58
Fluorene
Concen: 48.521 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



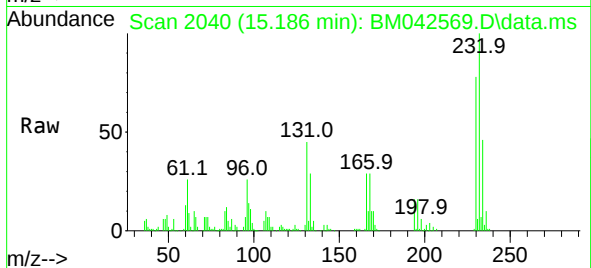
Tgt Ion:166 Resp: 404310
Ion Ratio Lower Upper
166 100
165 97.3 79.3 118.9
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.815 ng
RT: 15.186 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

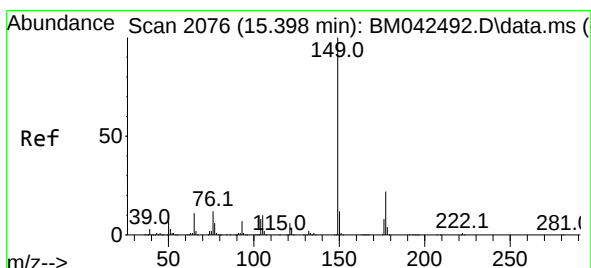
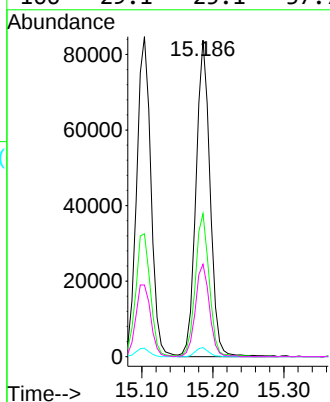
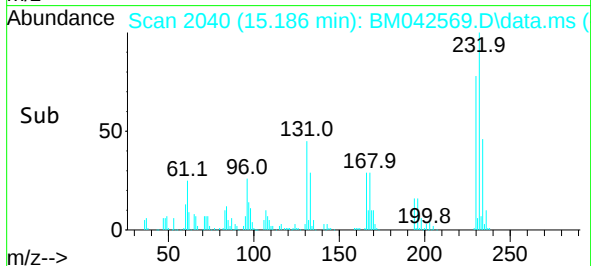
Instrument :
BNA_M
ClientSampleId :
PB156852BS



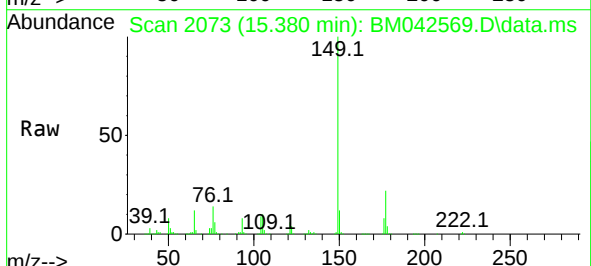
Tgt Ion:232 Resp: 11598
Ion Ratio Lower Upper
232 100
131 44.6 37.2 55.8
130 2.7 2.1 3.1
166 29.1 25.1 37.7

Manual Integrations
APPROVED

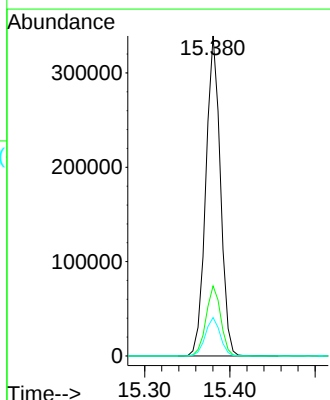
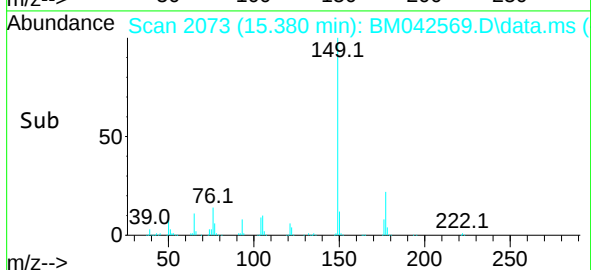
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

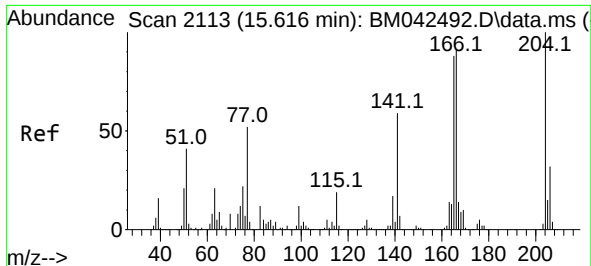


#60
Diethylphthalate
Concen: 47.269 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:149 Resp: 402223
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.0 9.8 14.6





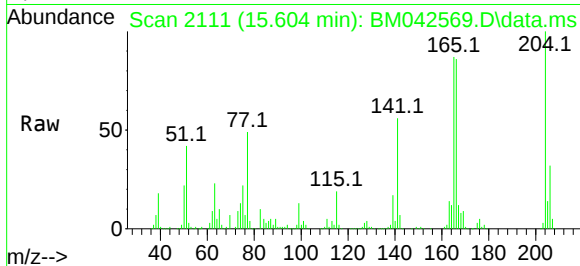
#61
4-Chlorophenyl-phenylether
Concen: 50.362 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

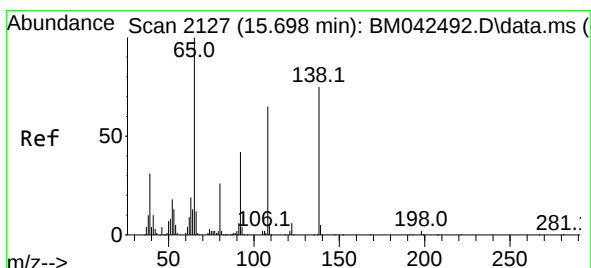
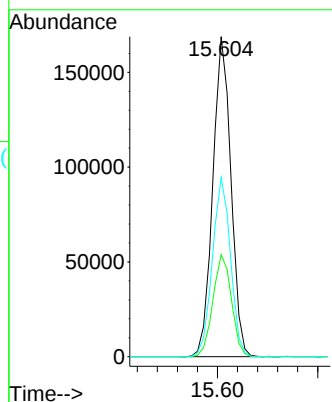
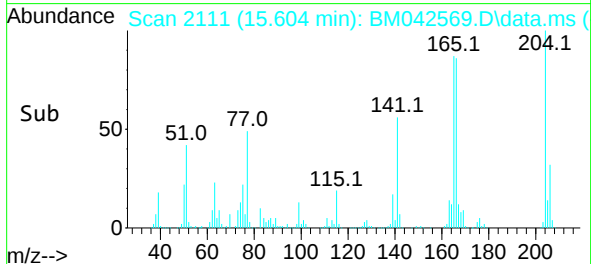


Tgt Ion:204 Resp: 212000
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 56.0 46.8 70.2

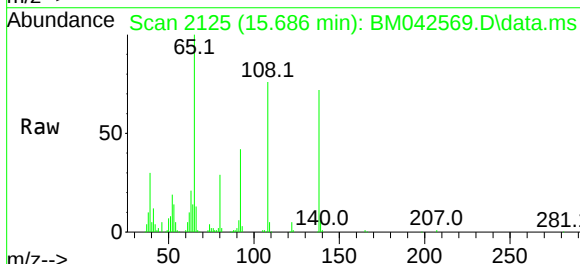
Manual Integrations

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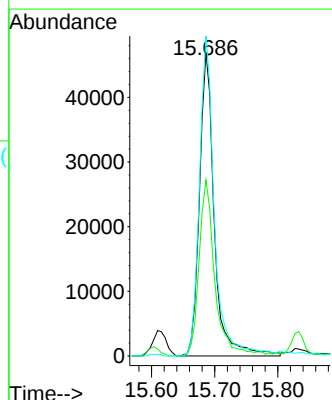
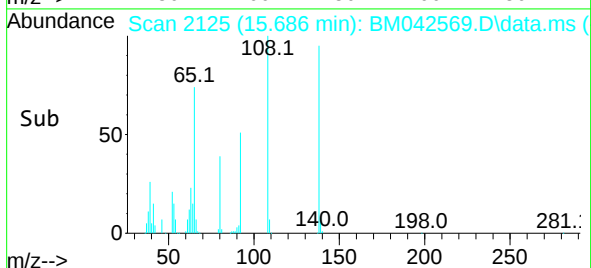
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

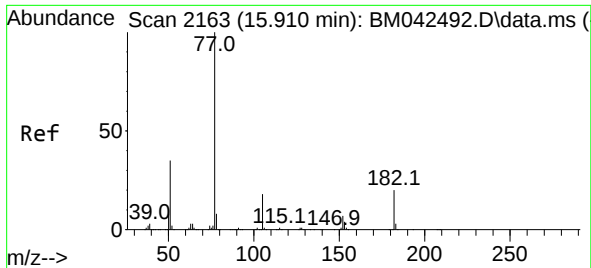


#62
4-Nitroaniline
Concen: 44.705 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



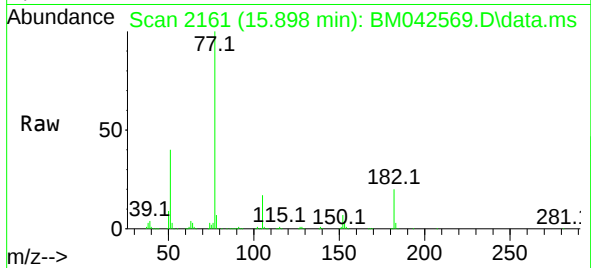
Tgt Ion:138 Resp: 76736
Ion Ratio Lower Upper
138 100
92 58.0 37.0 77.0
108 105.6 67.2 107.2





#63
Azobenzene
Concen: 49.519 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

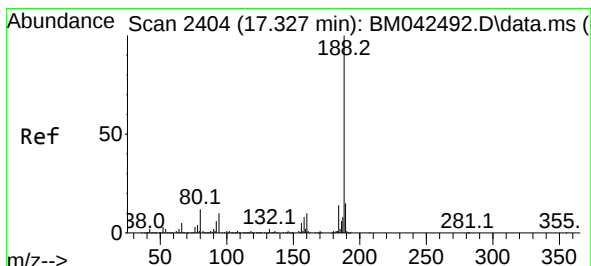
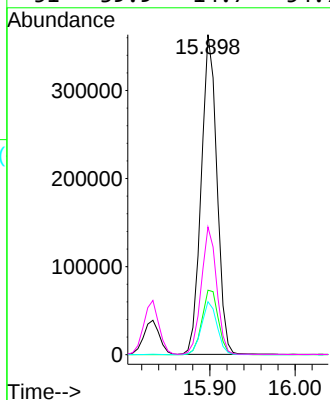
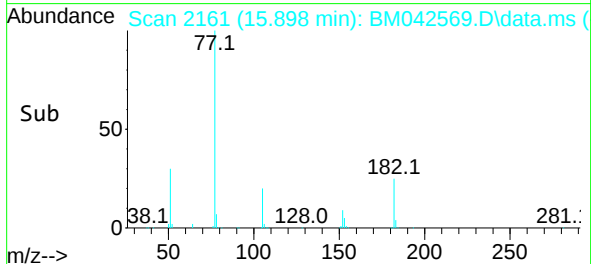
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion: 77 Resp: 46433
Ion Ratio Lower Upper
77 100
182 20.2 0.0 40.0
105 16.6 0.0 37.9
51 39.9 14.7 54.7

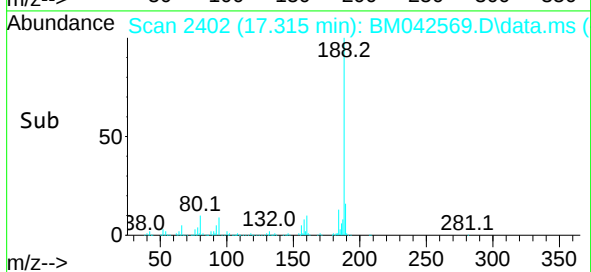
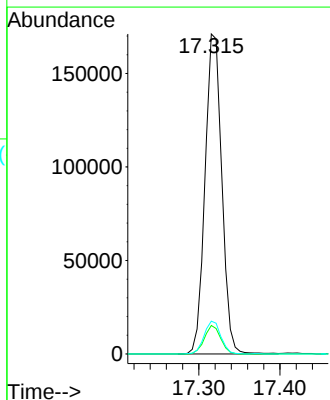
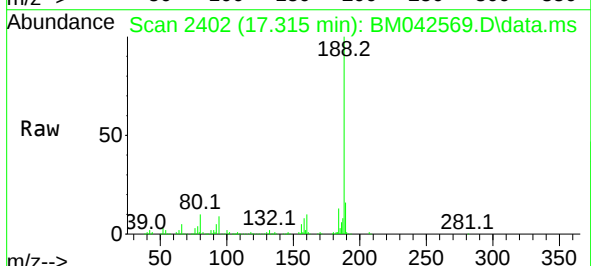
Manual Integrations
APPROVED

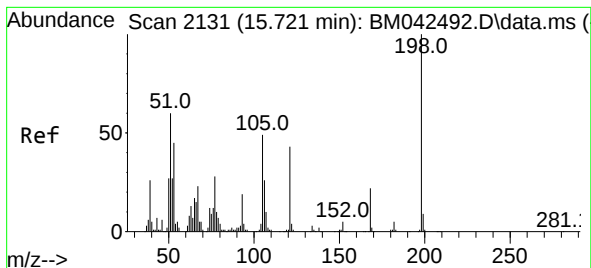
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

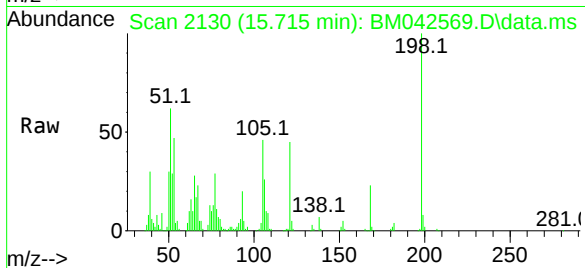
Tgt Ion:188 Resp: 245500
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 10.3 9.4 14.2





#65
4,6-Dinitro-2-methylphenol
Concen: 46.368 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

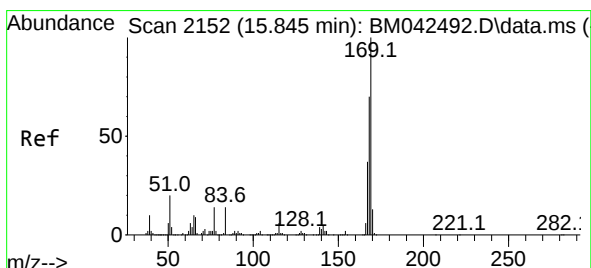
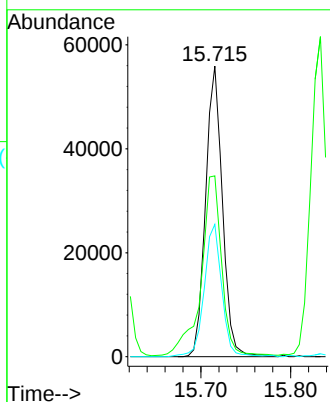
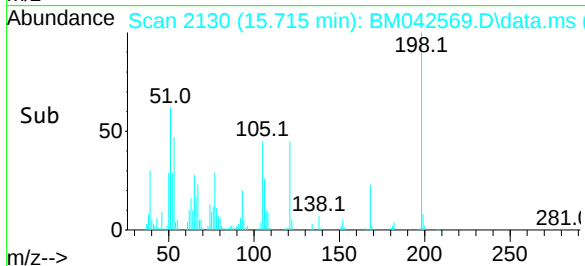
Instrument :
BNA_M
ClientSampleId :
PB156852BS



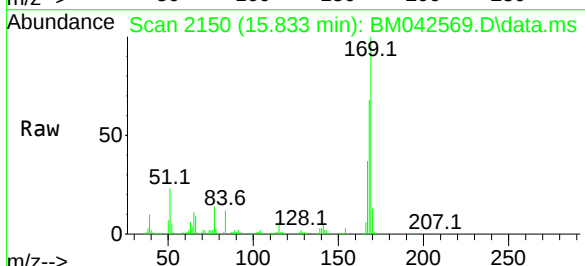
Tgt Ion:198 Resp: 72824
Ion Ratio Lower Upper
198 100
51 62.3 42.4 82.4
105 45.6 29.2 69.2

Manual Integrations
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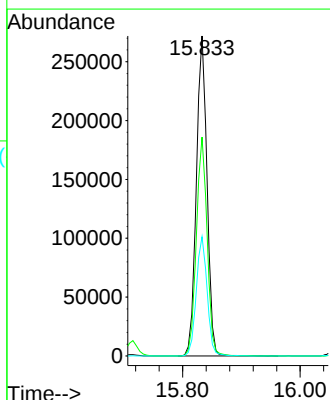
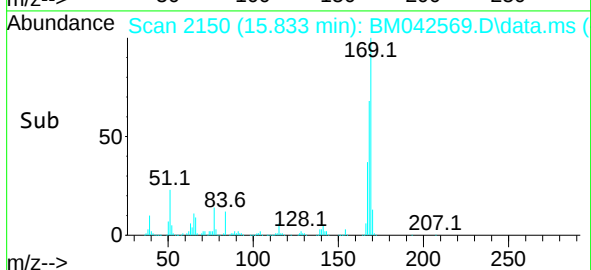
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

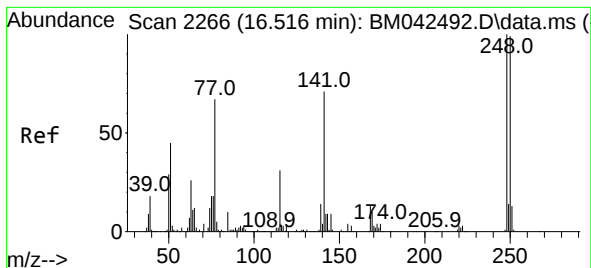


#66
n-Nitrosodiphenylamine
Concen: 49.467 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:169 Resp: 342424
Ion Ratio Lower Upper
169 100
168 68.4 55.9 83.9
167 37.3 29.8 44.8





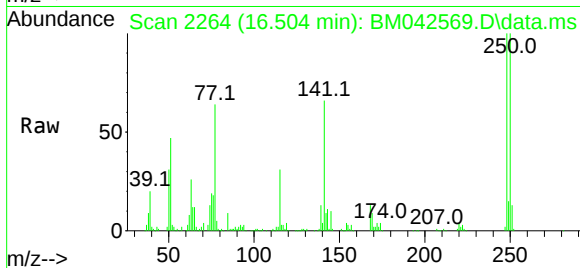
#67
4-Bromophenyl-phenylether
Concen: 51.588 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

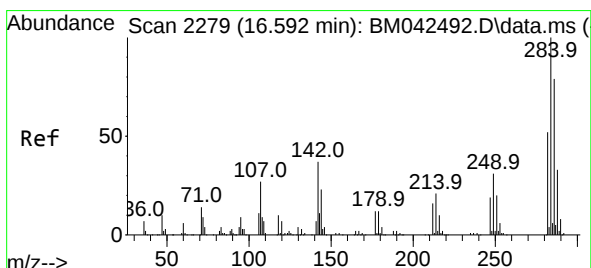
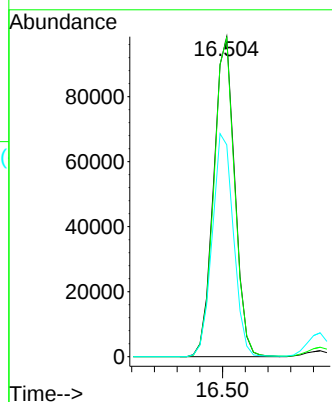
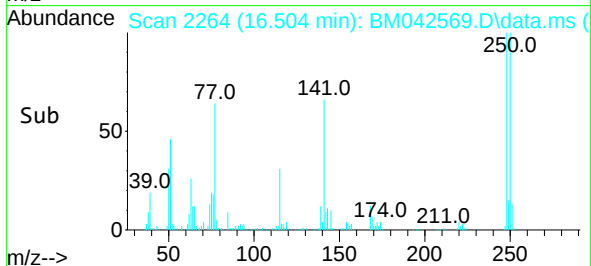


Tgt Ion:248 Resp: 126639
Ion Ratio Lower Upper
248 100
250 99.7 79.4 119.0
141 66.2 57.0 85.6

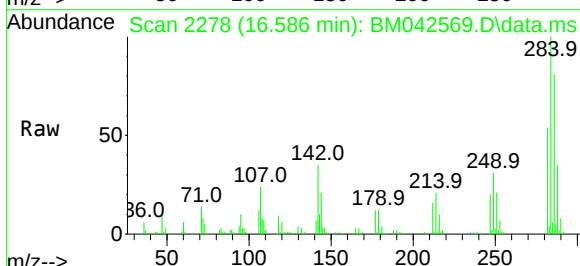
Manual Integrations

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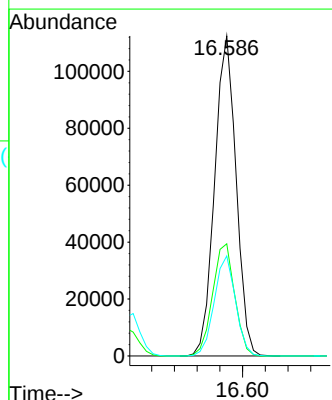
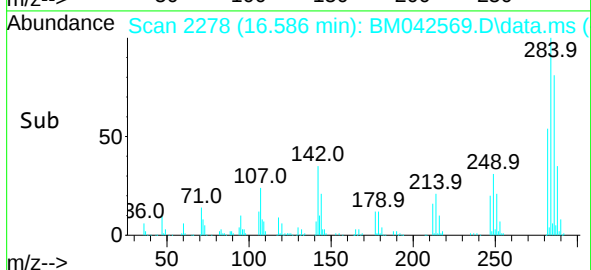
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

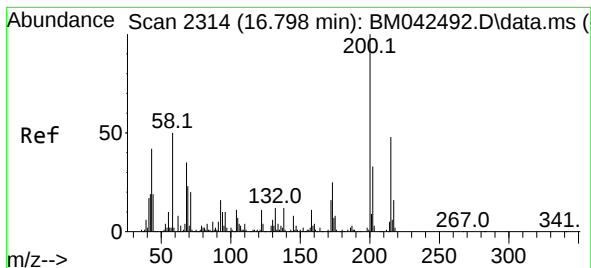


#68
Hexachlorobenzene
Concen: 54.238 ng
RT: 16.586 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:284 Resp: 147299
Ion Ratio Lower Upper
284 100
142 35.1 29.8 44.6
249 31.2 25.1 37.7





#69

Atrazine

Concen: 40.441 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

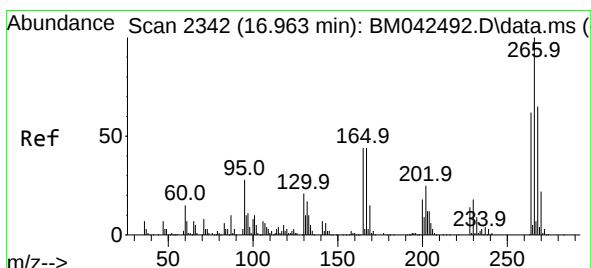
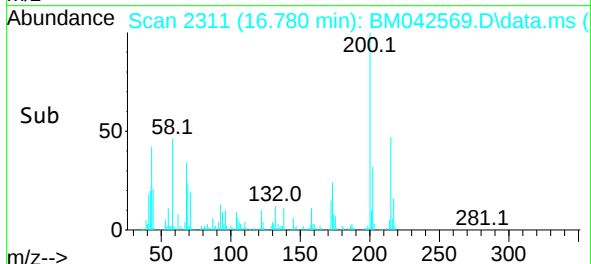
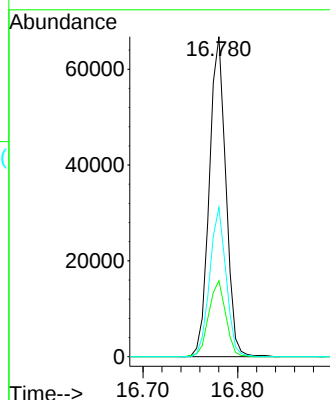
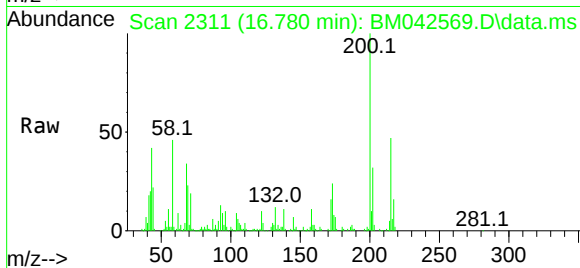
Tgt Ion:200	Resp:	80889
Ion Ratio	Lower	Upper
200	100	
173	23.8	5.4 45.4
215	46.7	27.9 67.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#70

Pentachlorophenol

Concen: 96.741 ng

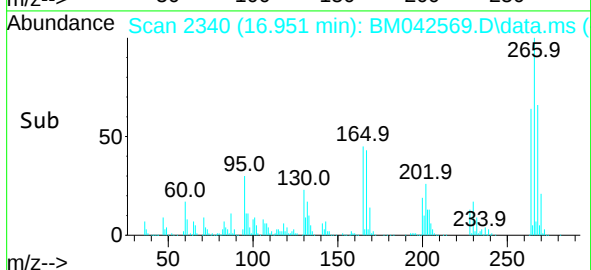
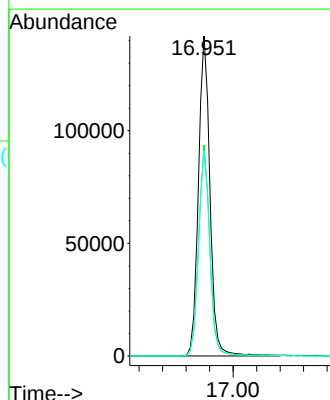
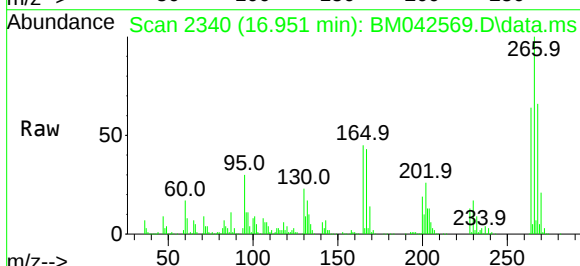
RT: 16.951 min Scan# 2340

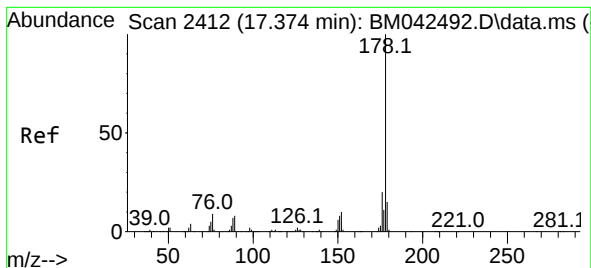
Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:266	Resp:	193151
Ion Ratio	Lower	Upper
266	100	
268	65.9	51.7 77.5
264	64.1	49.4 74.2





#71

Phenanthrene

Concen: 48.533 ng

RT: 17.362 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042569.D

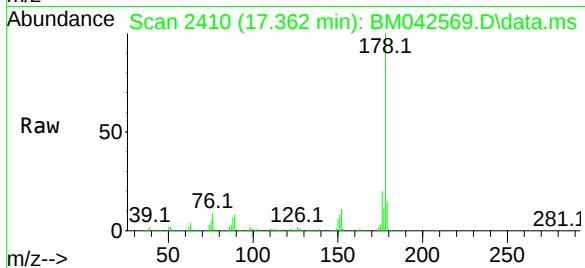
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS



Tgt Ion:178 Resp: 622660

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

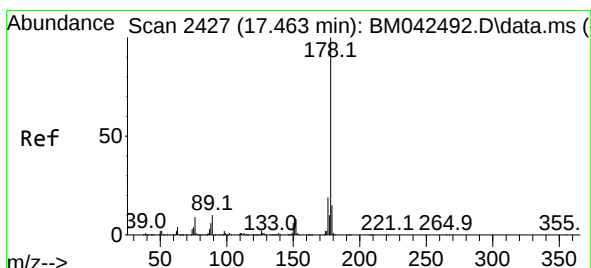
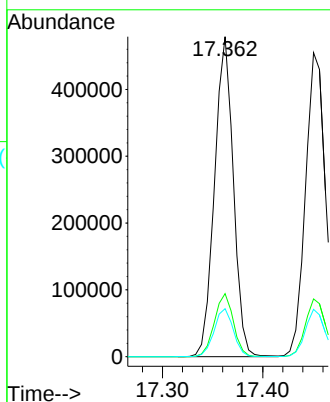
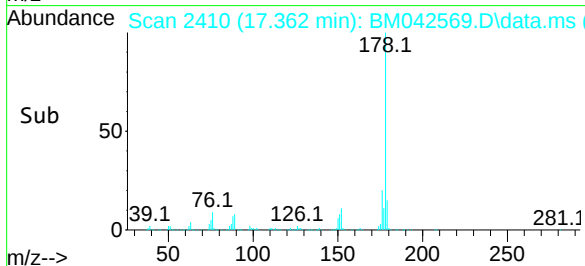
179 15.0 12.2 18.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#72

Anthracene

Concen: 49.695 ng

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

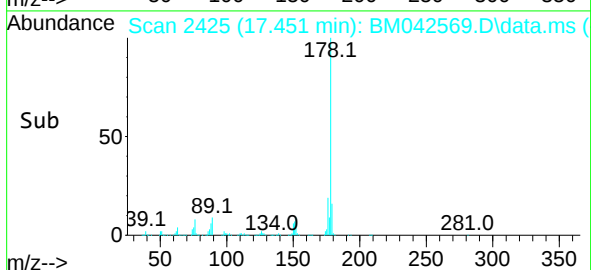
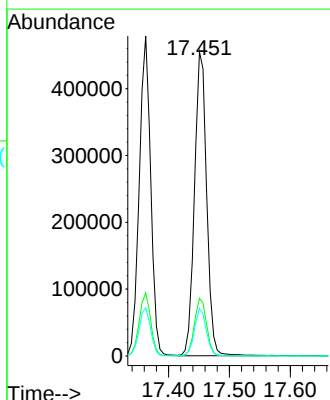
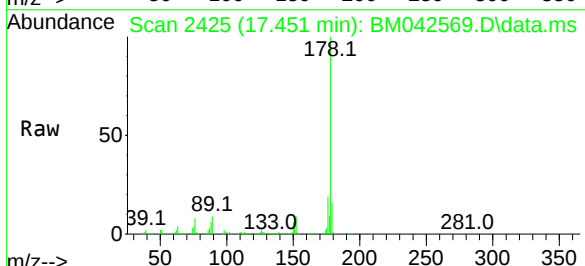
Tgt Ion:178 Resp: 631504

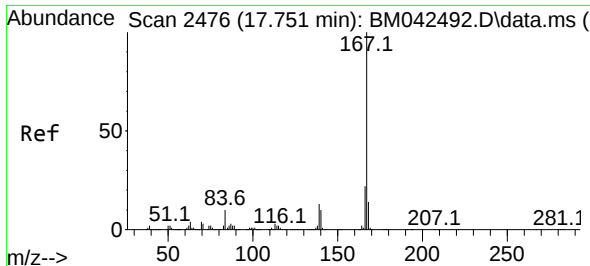
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

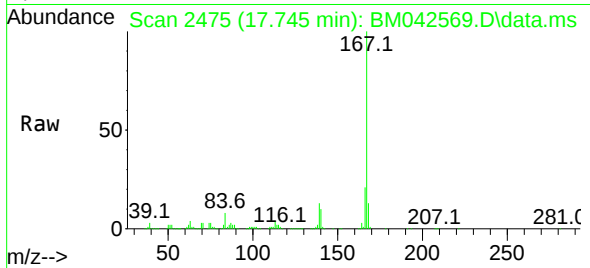
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 54.248 ng
 RT: 17.745 min Scan# 2476
 Delta R.T. 0.006 min
 Lab File: BM042569.D
 Acq: 03 Nov 2023 14:11

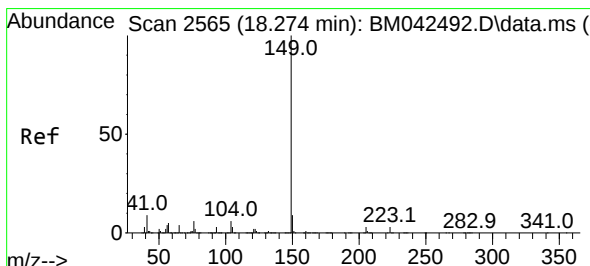
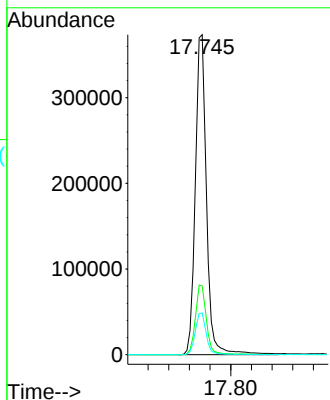
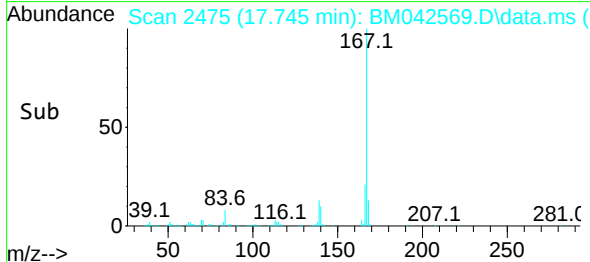
Instrument :
 BNA_M
 ClientSampleId :
 PB156852BS



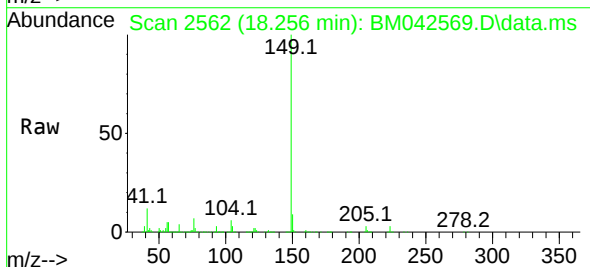
Tgt Ion:167 Resp: 560809
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.1 10.5 15.7

Manual Integrations
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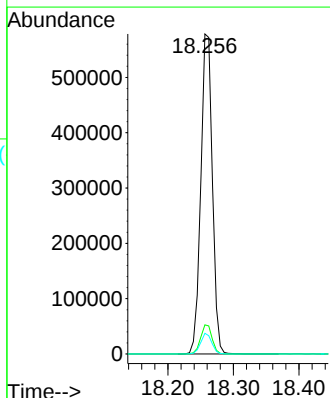
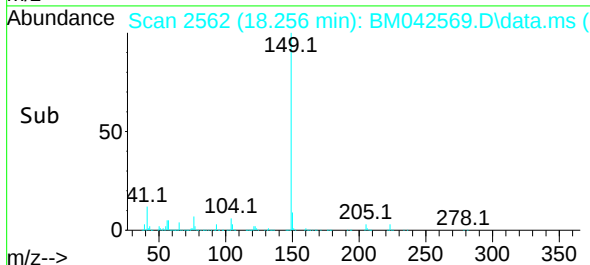
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

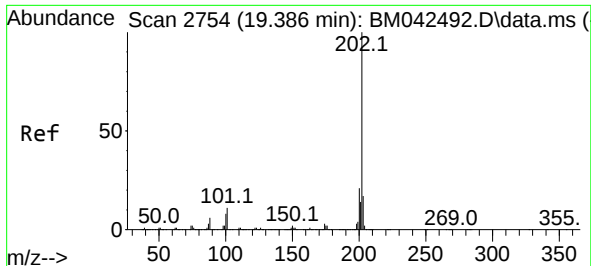


#74
 Di-n-butylphthalate
 Concen: 49.047 ng
 RT: 18.256 min Scan# 2562
 Delta R.T. -0.000 min
 Lab File: BM042569.D
 Acq: 03 Nov 2023 14:11



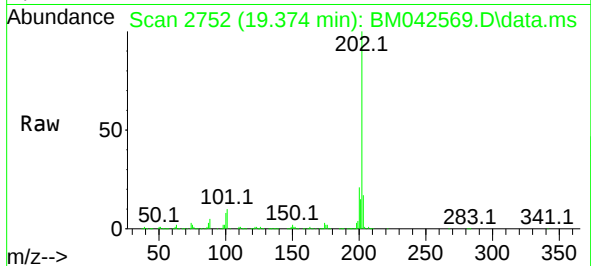
Tgt Ion:149 Resp: 712034
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 6.4 4.6 6.8





#75
Fluoranthene
Concen: 50.770 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

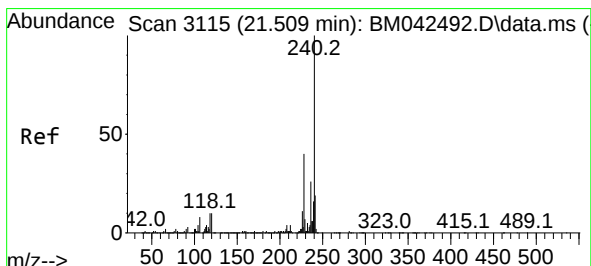
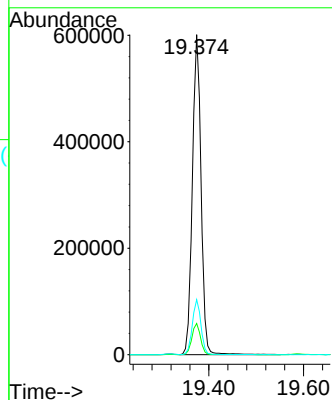
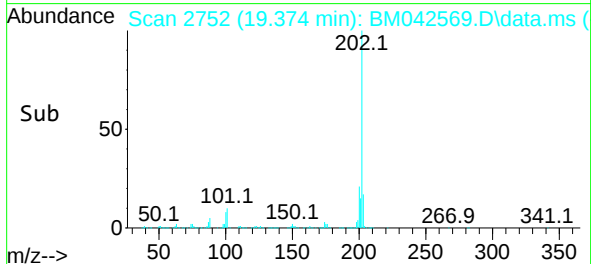
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:202 Resp: 76513
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.5
203 17.2 0.0 37.0

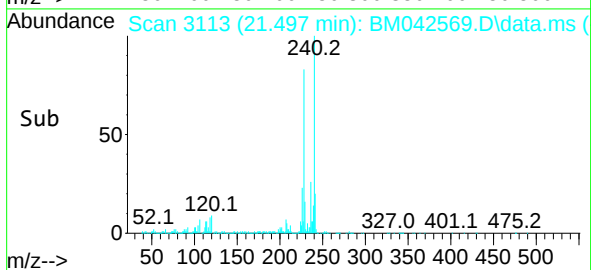
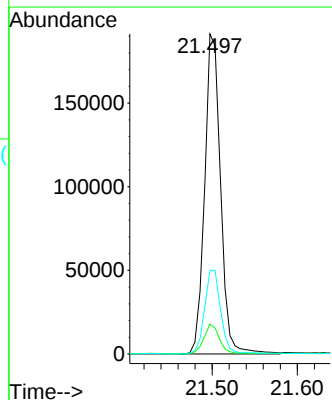
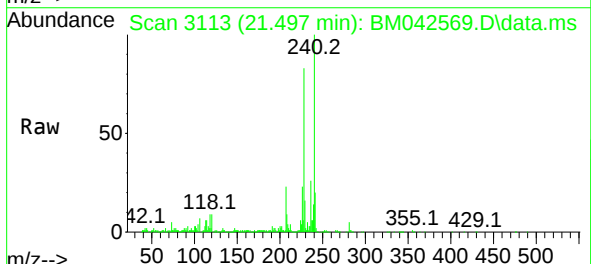
Manual Integrations
APPROVED

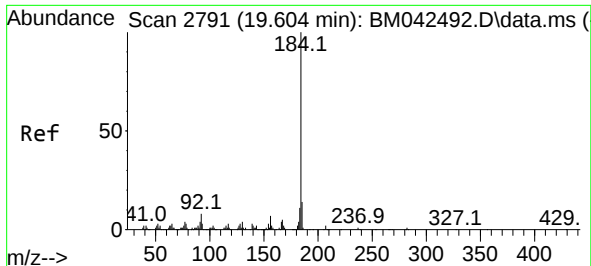
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

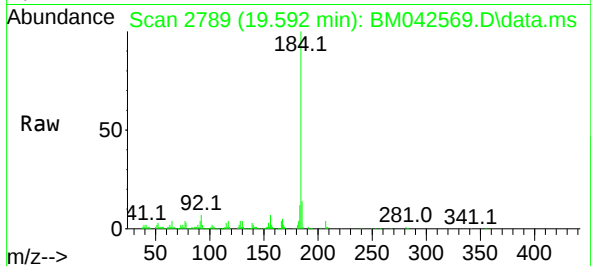
Tgt Ion:240 Resp: 249012
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 26.2 20.8 31.2





#77
Benzidine
Concen: 123.792 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

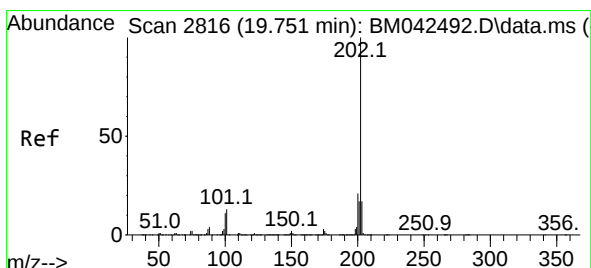
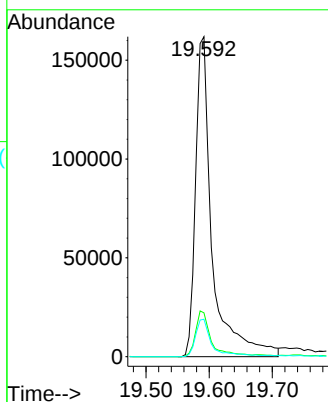
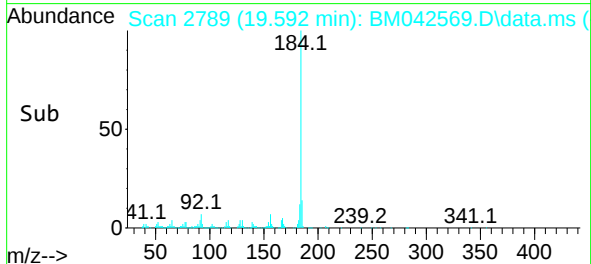
Instrument :
BNA_M
ClientSampleId :
PB156852BS



Tgt Ion:184 Resp: 295689
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.7 9.0 13.4

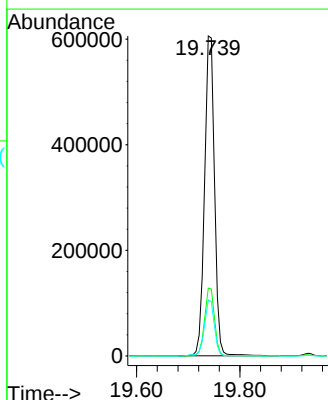
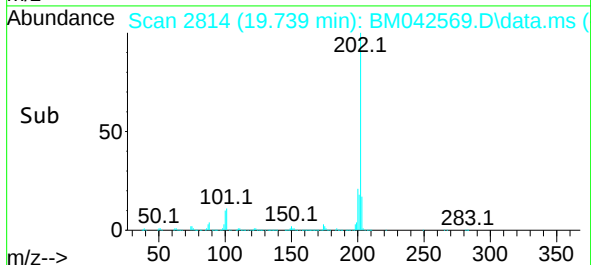
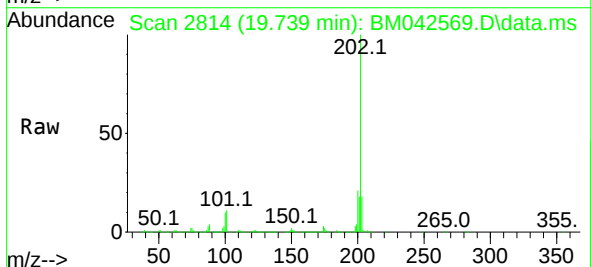
Manual Integrations
APPROVED

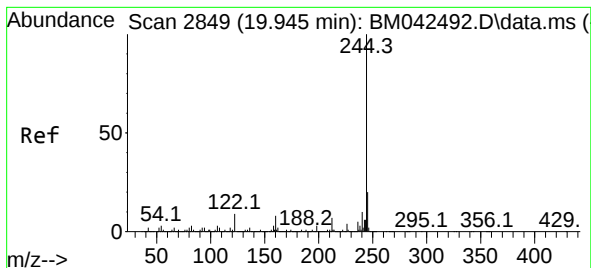
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#78
Pyrene
Concen: 47.461 ng
RT: 19.739 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Tgt Ion:202 Resp: 811533
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 95.977 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042569.D

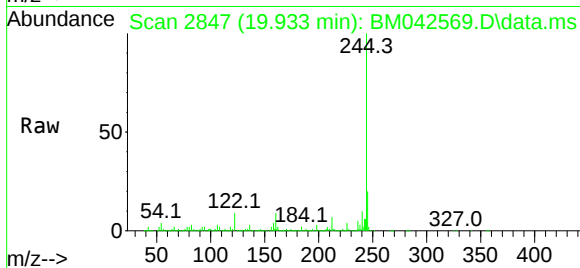
Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS



Tgt Ion:244 Resp: 1409490

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

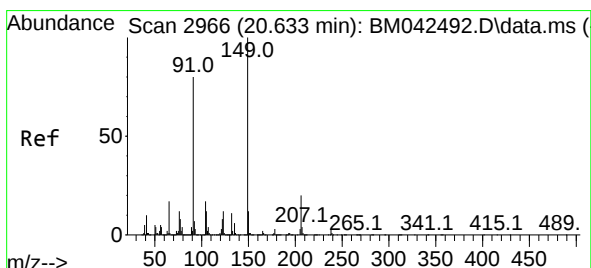
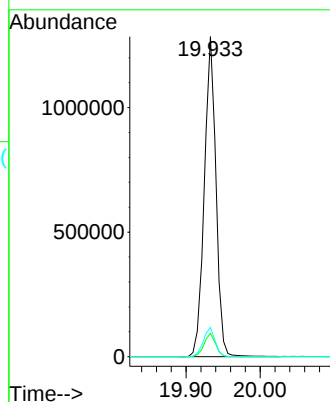
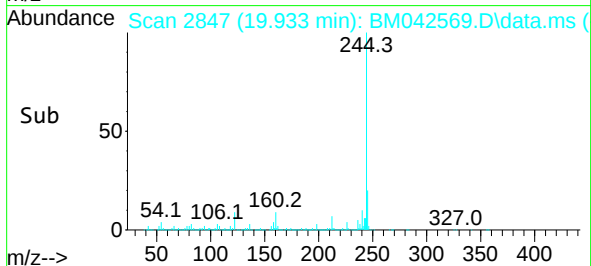
122 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#80

Butylbenzylphthalate

Concen: 46.805 ng

RT: 20.621 min Scan# 2964

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

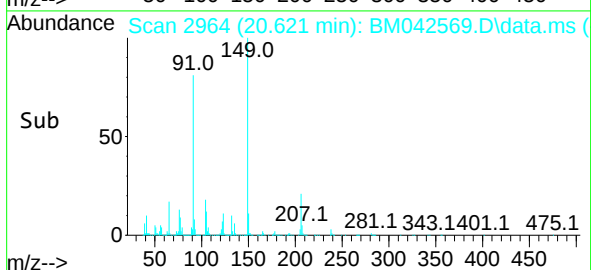
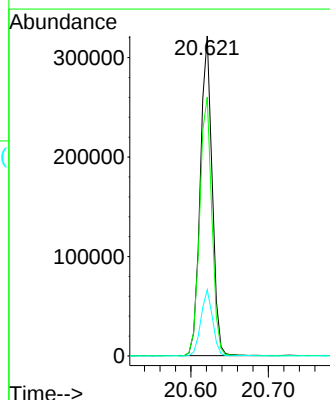
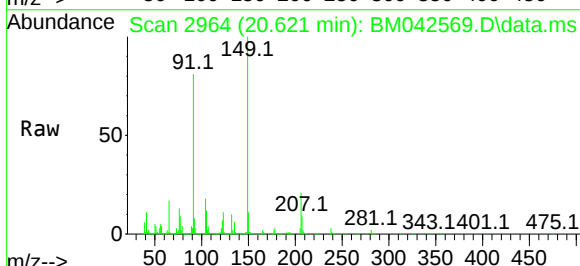
Tgt Ion:149 Resp: 341813

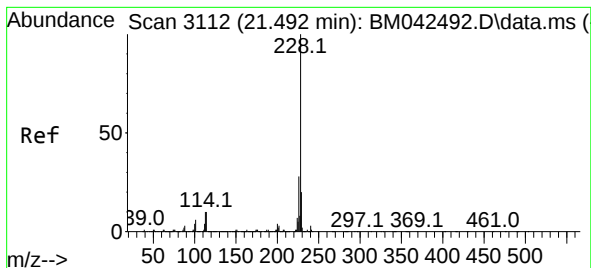
Ion Ratio Lower Upper

149 100

91 80.9 64.2 96.4

206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 49.231 ng

RT: 21.486 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

Tgt Ion:228 Resp: 77998

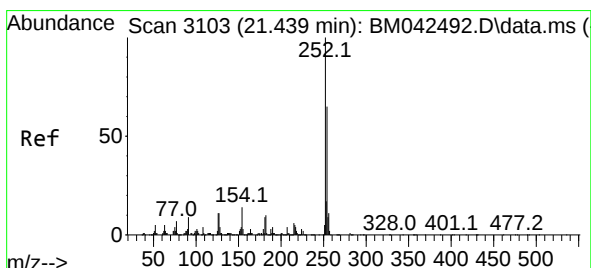
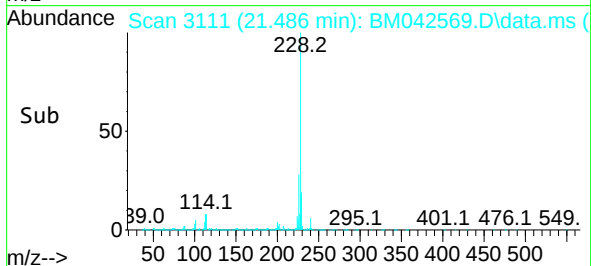
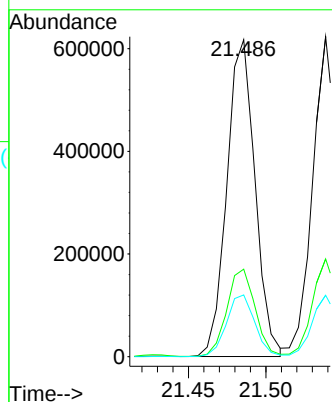
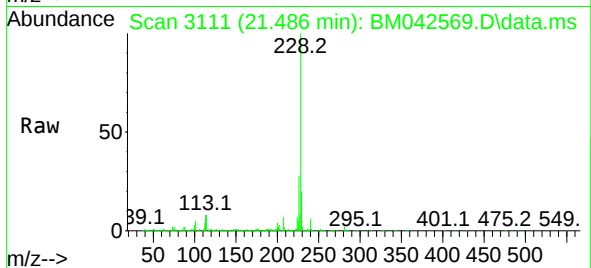
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.5	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#82

3,3'-Dichlorobenzidine

Concen: 59.259 ng

RT: 21.427 min Scan# 3101

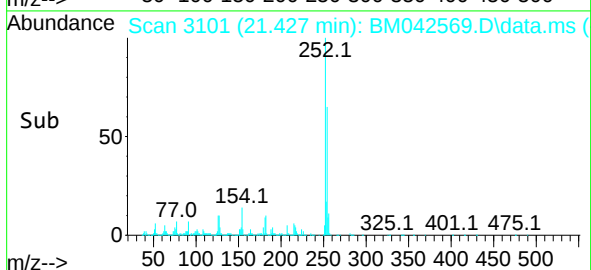
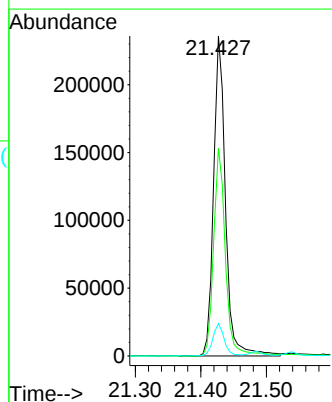
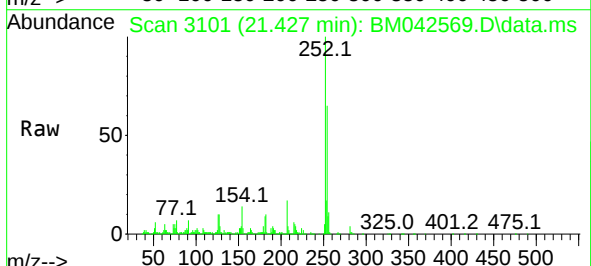
Delta R.T. -0.000 min

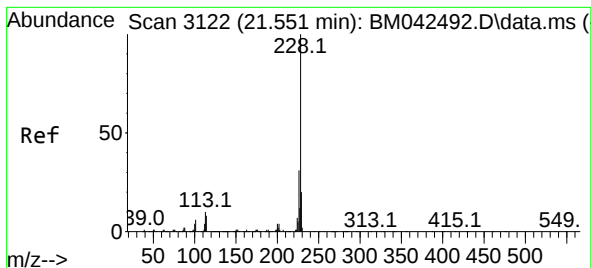
Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:252 Resp: 298385

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.2	78.4
126	10.2	8.9	13.3





#83

Chrysene

Concen: 46.066 ng

RT: 21.539 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

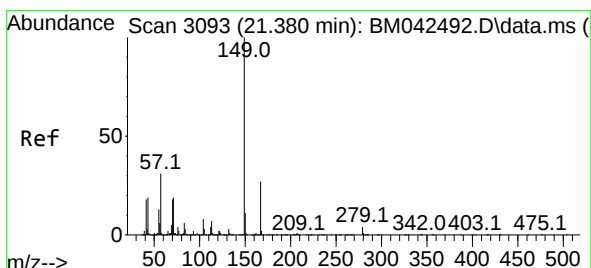
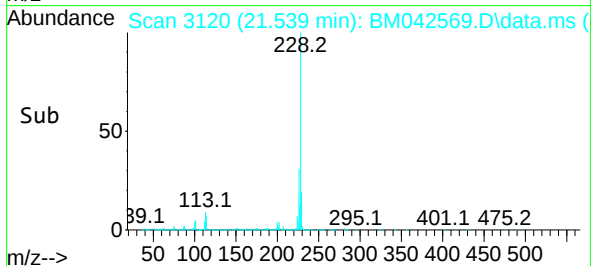
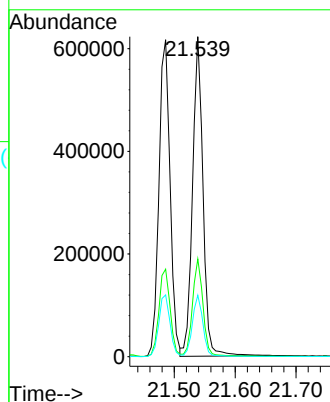
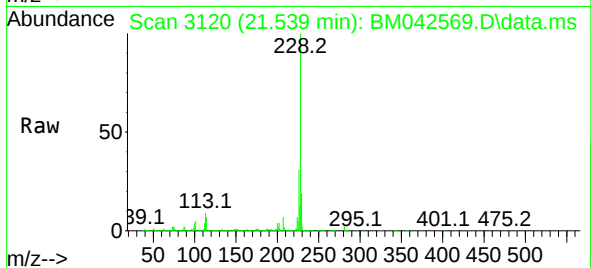
Tgt Ion:228 Resp: 74137

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.296 ng

RT: 21.362 min Scan# 3090

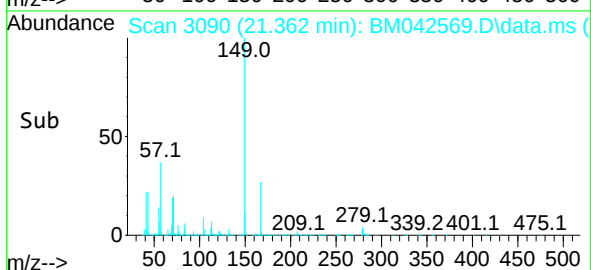
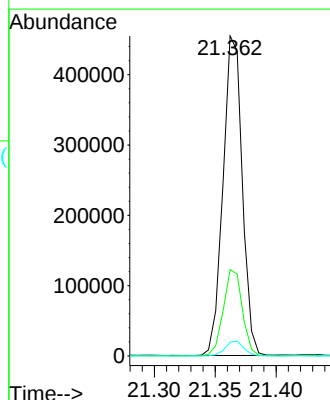
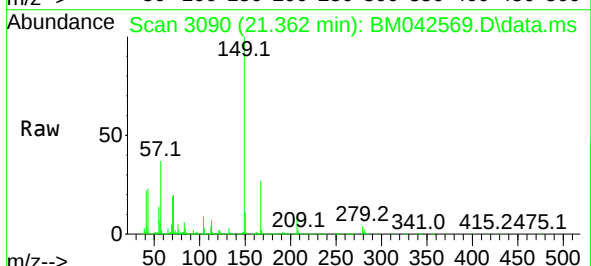
Delta R.T. -0.000 min

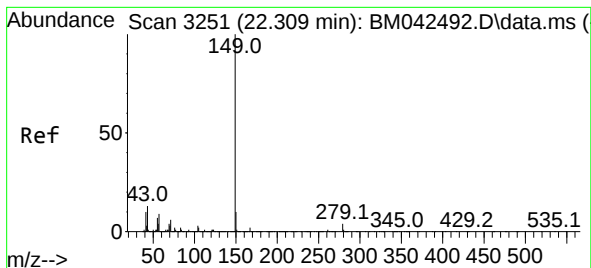
Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:149 Resp: 499941

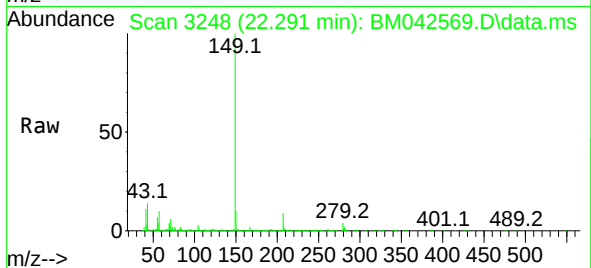
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	4.3	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 45.536 ng
RT: 22.291 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

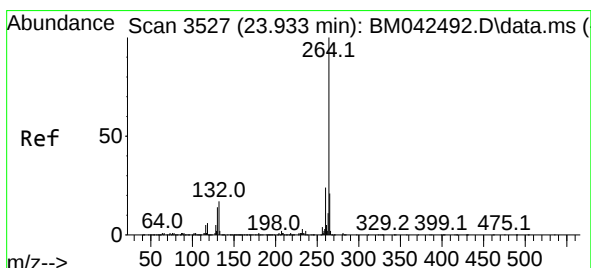
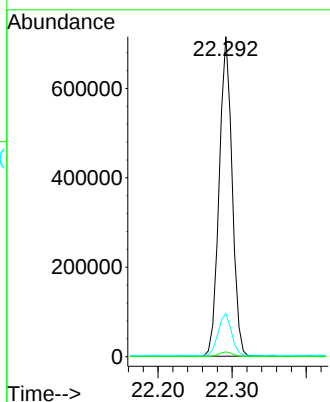
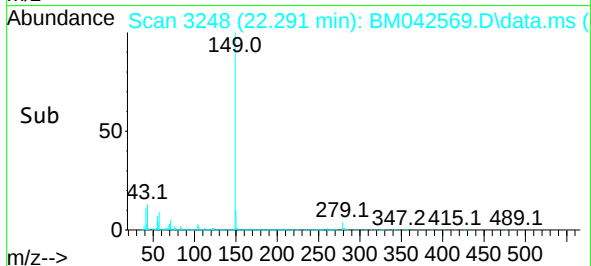
Instrument :
BNA_M
ClientSampleId :
PB156852BS



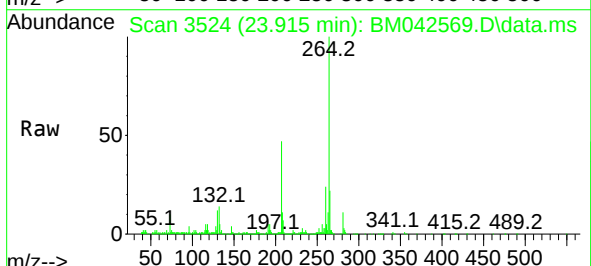
Tgt Ion:149 Resp: 865079
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.4 10.2 15.2

Manual Integrations
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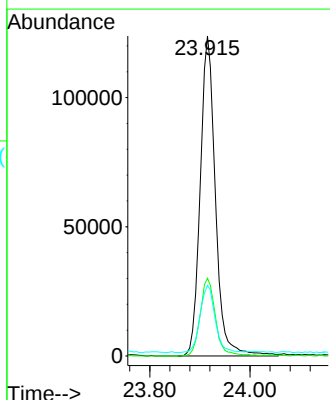
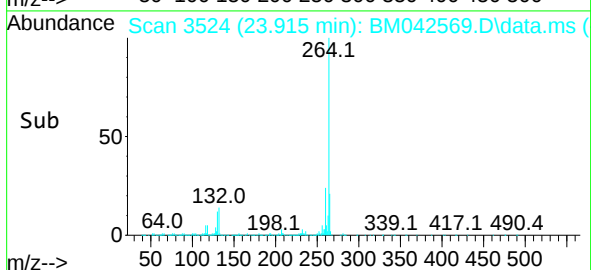
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

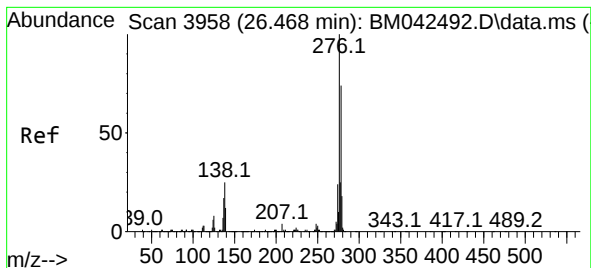


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.915 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11



Tgt Ion:264 Resp: 260800
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.1 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.568 ng

RT: 26.450 min Scan# 3955

Delta R.T. -0.000 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

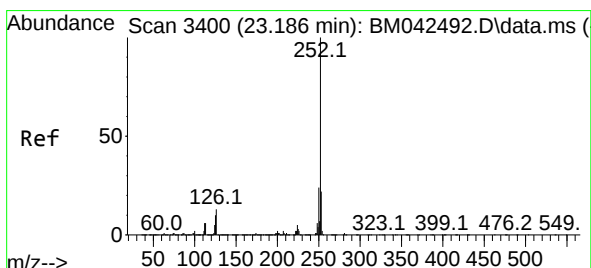
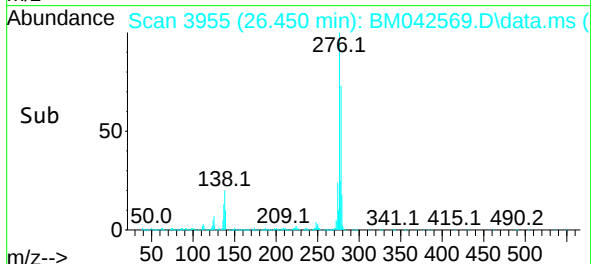
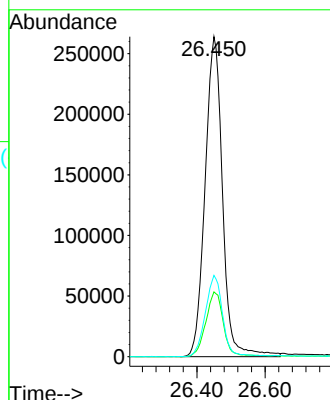
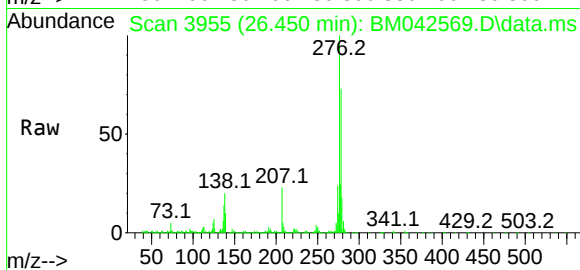
Tgt Ion:	276	Resp:	94015
Ion Ratio	Lower	Upper	
276	100		
138	20.5	20.6	31.0
277	25.3	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#88

Benzo(b)fluoranthene

Concen: 53.870 ng

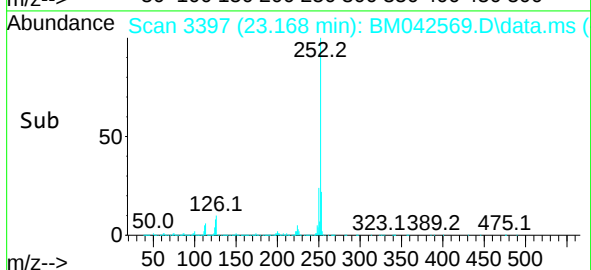
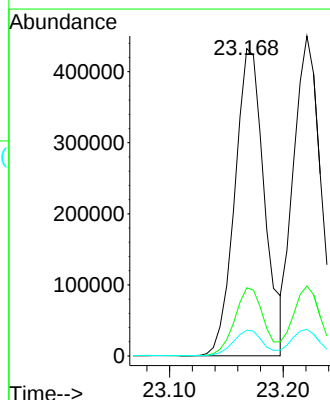
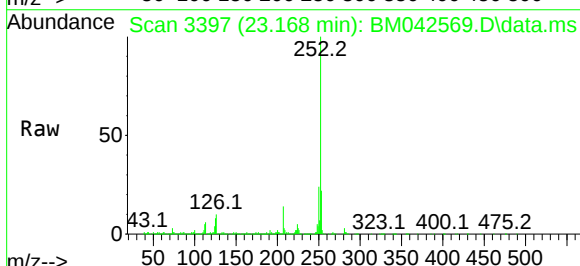
RT: 23.168 min Scan# 3397

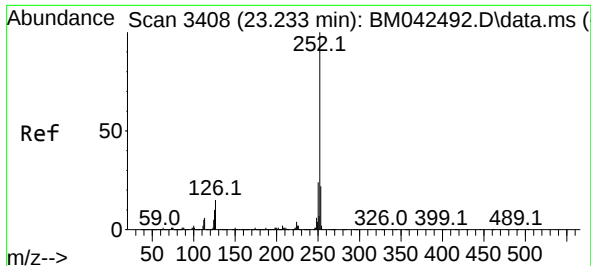
Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:	252	Resp:	782708
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	8.4	7.8	11.6





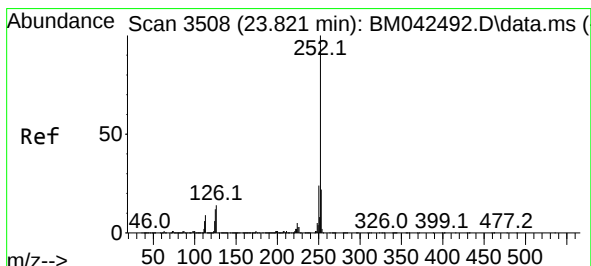
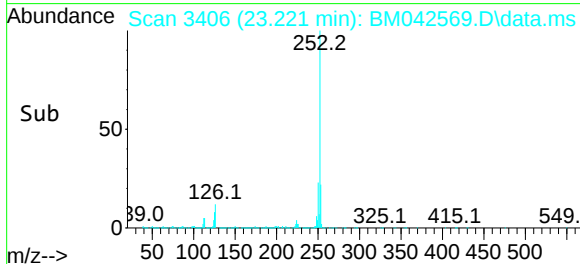
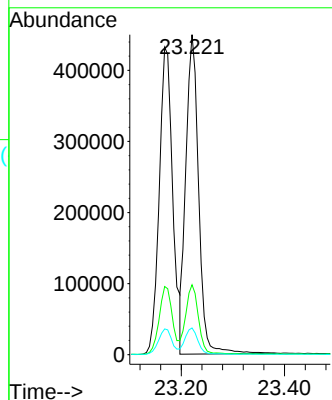
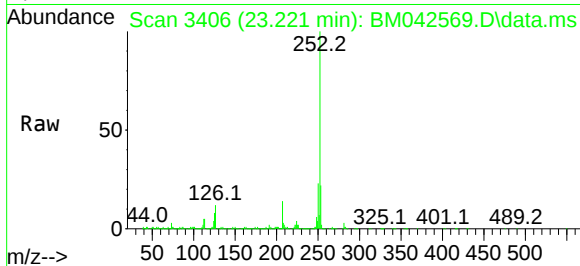
#89
Benzo(k)fluoranthene
Concen: 47.676 ng
RT: 23.221 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Instrument :
BNA_M
ClientSampleId :
PB156852BS

Tgt Ion:252 Resp: 77190
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.4 8.2 12.4

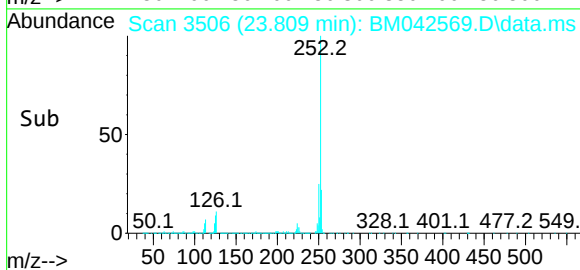
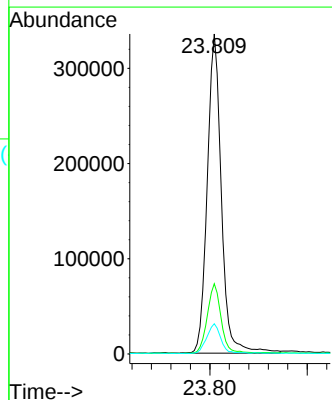
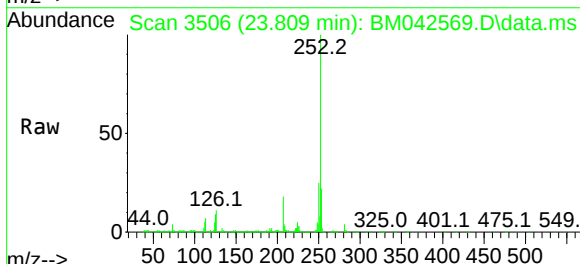
Manual Integrations
APPROVED

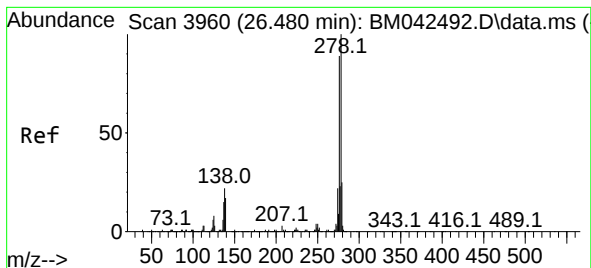
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#90
Benzo(a)pyrene
Concen: 47.134 ng
RT: 23.809 min Scan# 3506
Delta R.T. -0.000 min
Lab File: BM042569.D
Acq: 03 Nov 2023 14:11

Tgt Ion:252 Resp: 674250
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 53.497 ng

RT: 26.462 min Scan# 3960

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Instrument :

BNA_M

ClientSampleId :

PB156852BS

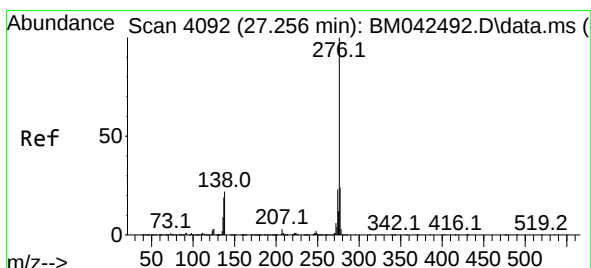
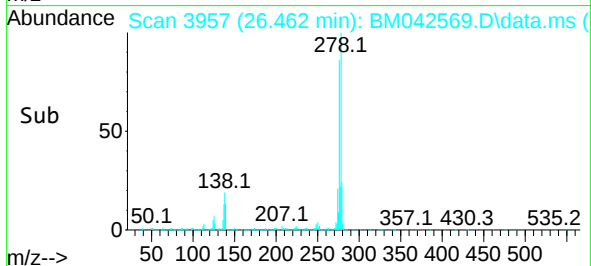
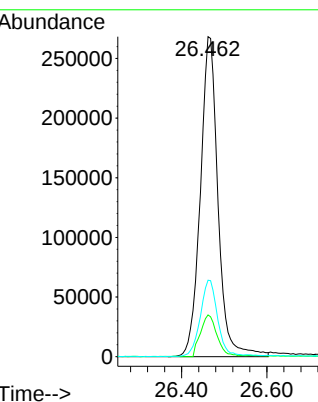
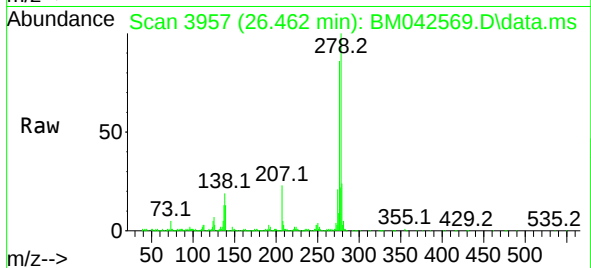
Tgt Ion:	278	Resp:	774028
Ion Ratio	Lower	Upper	
278	100		
139	13.1	13.4	20.2
279	23.9	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#92

Benzo(g,h,i)perylene

Concen: 57.427 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.006 min

Lab File: BM042569.D

Acq: 03 Nov 2023 14:11

Tgt Ion:	276	Resp:	785632
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.2	28.8
138	18.0	17.3	25.9

