

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042732.D
 Acq On : 14 Nov 2023 13:40
 Operator : MA/JU
 Sample : 05016-03MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A49A1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 03:12:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	29398	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.645	136	129011	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.486	164	87709	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.245	188	195895	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	226176	20.000	ng/u1	0.00
88) Perylene-d12	23.797	264	240759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3756	4.009	ng/uL	-0.01
4) Pyridine-d5	3.616	84	26986	11.580	ng/u1	-0.01
7) Phenol-d5	6.992	99	28286	9.886	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	90448	44.988	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.345	132	73677	33.373	ng/u1	-0.02
15) 4-Methylphenol-d8	8.551	113	48354	21.464	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	43881	38.795	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.739	143	50473	38.145	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	89583	36.411	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.816	131	89982	28.805	ng/u1	-0.01
46) Dimethylphthalate-d6	13.910	166	349452	42.097	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	348318	39.217	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.745	143	9059	9.659	ng/u1	0.00
60) Fluorene-d10	15.480	176	285731	41.567	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.633	200	71977	48.507	ng/u1	0.00
73) Anthracene-d10	17.345	188	482999	43.995	ng/u1	0.00
81) Pyrene-d10	19.639	212	712764	48.124	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	728683	50.599	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	7037	7.053	ng/uL#	80
5) Pyridine	3.634	79	35180	13.882	ng/u1	99
6) Benzaldehyde	6.987	77	75188	45.802	ng/u1	91
8) Phenol	7.022	94	33421	11.743	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	109649	46.642	ng/u1	98
12) 2-Chlorophenol	7.381	128	79182	36.039	ng/u1	90
13) 2-Methylphenol	8.281	108	60727	28.614	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.339	45	202404m	47.296	ng/u1	
16) Acetophenone	8.681	105	170525	45.016	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.645	70	108837	47.198	ng/u1	95
18) 4-Methylphenol	8.616	108	56056	24.294	ng/u1	98
19) Hexachloroethane	8.881	117	44067	35.986	ng/u1	95
22) Nitrobenzene	9.069	77	151824	44.411	ng/u1	98
23) Isophorone	9.581	82	301011	44.209	ng/u1	97
25) 2-Nitrophenol	9.769	139	54933	40.862	ng/u1	95
26) 2,4-Dimethylphenol	9.816	107	66617	23.160	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	153018	44.474	ng/u1	98
29) 2,4-Dichlorophenol	10.292	162	93378	40.087	ng/u1	97
30) Naphthalene	10.692	128	322850	39.945	ng/u1	99
32) 4-Chloroaniline	10.839	127	92245	30.780	ng/u1	95
33) Hexachlorobutadiene	10.916	225	72580	35.273	ng/u1	96
34) Caprolactam	11.680	113	5367m	7.771	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	96815	38.787	ng/u1	97
36) 2-Methylnaphthalene	12.304	142	232311	42.886	ng/u1	98

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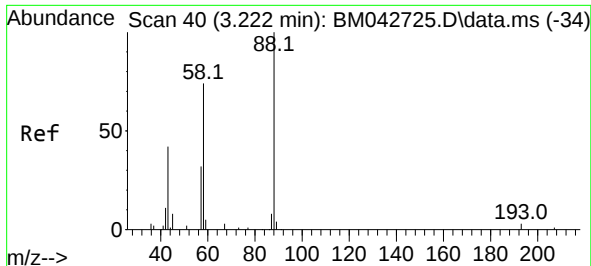
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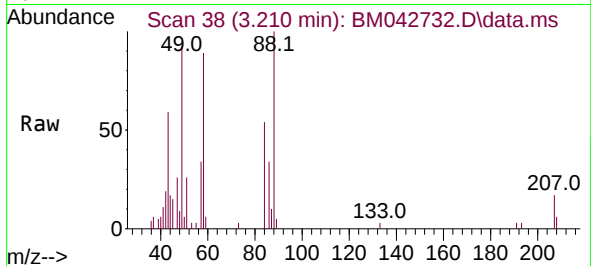
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	233174	40.941	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	140980	40.985	ng/u1	98
40) Hexachlorocyclopentadiene	12.598	237	40700	24.992	ng/u1	96
41) 2,4,6-Trichlorophenol	12.922	196	89133	42.422	ng/u1	95
42) 2,4,5-Trichlorophenol	12.992	196	94996	46.823	ng/u1	93
43) 1,1'-Biphenyl	13.322	154	320274	43.786	ng/u1	98
44) 2-Chloronaphthalene	13.369	162	254786	43.298	ng/u1	98
45) 2-Nitroaniline	13.616	65	102887	53.613	ng/u1	91
47) Dimethylphthalate	13.957	163	379180	46.898	ng/u1	99
48) 2,6-Dinitrotoluene	14.110	165	75607	49.775	ng/u1	97
50) Acenaphthylene	14.216	152	440325	44.244	ng/u1	99
51) 3-Nitroaniline	14.451	138	57029	45.914	ng/u1	95
52) Acenaphthene	14.551	153	301963	44.864	ng/u1	98
53) 2,4-Dinitrophenol	14.657	184	39239	51.954	ng/u1	86
55) 4-Nitrophenol	14.774	109	23532m	15.945	ng/u1	
56) Dibenzofuran	14.892	168	431473	46.187	ng/u1	98
57) 2,4-Dinitrotoluene	14.892	165	124752	55.943	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.110	232	100375	47.661	ng/u1	97
59) Diethylphthalate	15.310	149	417149	49.202	ng/u1	98
61) Fluorene	15.539	166	383823	48.393	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.527	204	206241	48.250	ng/u1	98
63) 4-Nitroaniline	15.621	138	60095	53.070	ng/u1	92
66) 4,6-Dinitro-2-methylph...	15.645	198	81217	53.762	ng/u1	96
67) N-Nitrosodiphenylamine	15.757	169	305939	49.795	ng/u1	99
68) 4-Bromophenyl-phenylether	16.427	248	124727	47.833	ng/u1	95
69) Hexachlorobenzene	16.510	284	161079	50.532	ng/u1	96
70) Atrazine	16.710	200	113700	48.043	ng/u1	97
71) Pentachlorophenol	16.874	266	96181	52.398	ng/u1	97
72) Phenanthrene	17.286	178	644101	52.631	ng/u1	98
74) Anthracene	17.380	178	616110	50.051	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.274	216	142811	41.228	ng/uL	99
76) Pentachlorobenzene	14.780	250	151898	41.793	ng/uL	98
77) Carbazole	17.668	167	556918	54.791	ng/u1	100
78) Di-n-butylphthalate	18.186	149	828086	55.713	ng/u1	99
80) Fluoranthene	19.303	202	901211	53.366	ng/u1	99
82) Pyrene	19.668	202	960804	53.659	ng/u1	99
83) Butylbenzylphthalate	20.550	149	401843	52.542	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.362	252	195081	33.701	ng/u1	99
85) Benzo(a)anthracene	21.415	228	974556	54.890	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	600237	51.728	ng/u1	100
87) Chrysene	21.468	228	931950	54.124	ng/u1	99
89) Di-n-octyl phthalate	22.209	149	1045668	53.767	ng/u1	100
90) Benzo(b)fluoranthene	23.068	252	944289	57.472	ng/u1	98
91) Benzo(k)fluoranthene	23.115	252	973153	55.639	ng/u1	99
93) Benzo(a)pyrene	23.697	252	902088	56.344	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.279	276	1138549	57.220	ng/u1	97
95) Dibenzo(a,h)anthracene	26.285	278	956004	57.952	ng/u1	99
96) Benzo(g,h,i)perylene	27.044	276	879725	55.678	ng/u1	98

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



#2
1,4-Dioxane
Concen: 7.053 ng/uL
RT: 3.210 min Scan# 38
Delta R.T. -0.012 min
Lab File: BM042732.D
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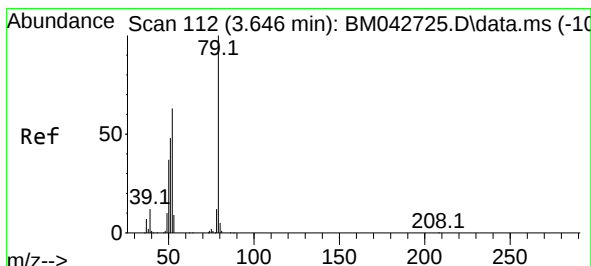
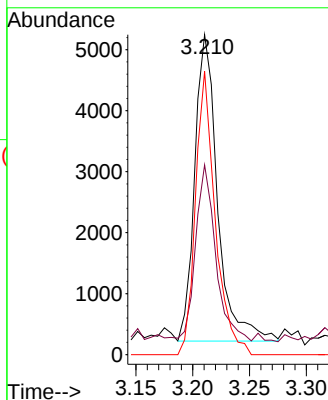
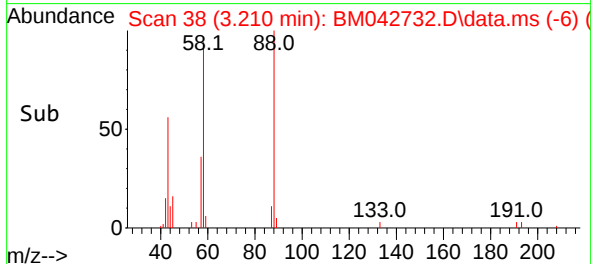
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion: 88 Resp: 703
Ion Ratio Lower Upper
88 100
43 59.3 34.3 51.5
58 88.5 59.4 89.0

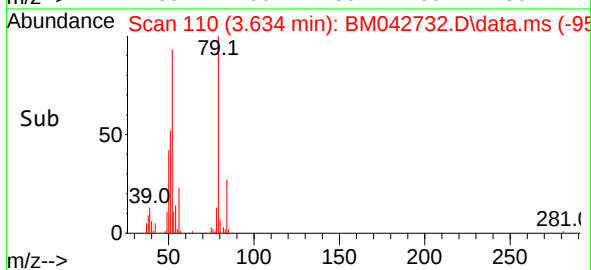
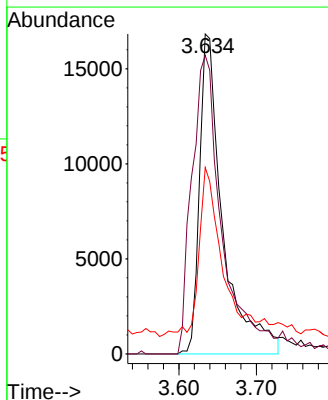
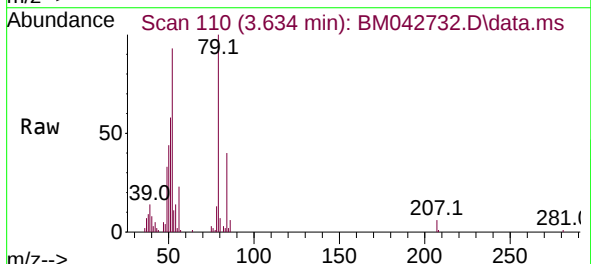
Manual Integrations
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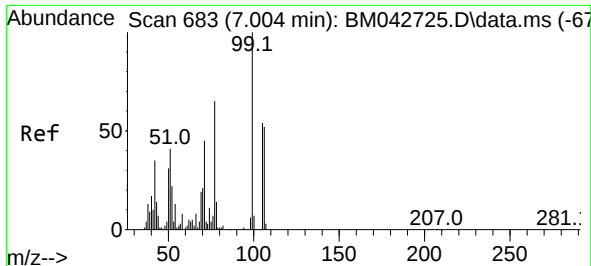
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#5
Pyridine
Concen: 13.882 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

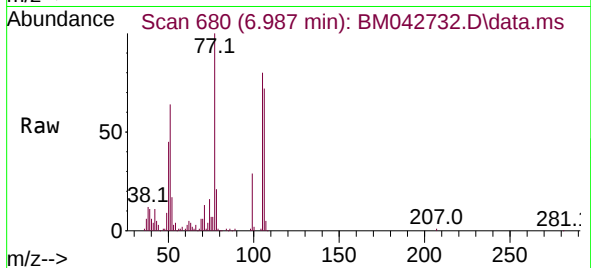
Tgt Ion: 79 Resp: 35180
Ion Ratio Lower Upper
79 100
52 93.3 74.6 111.8
51 58.2 44.6 67.0





#6
Benzaldehyde
Concen: 45.802 ng/ul
RT: 6.987 min Scan# 681
Delta R.T. -0.018 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

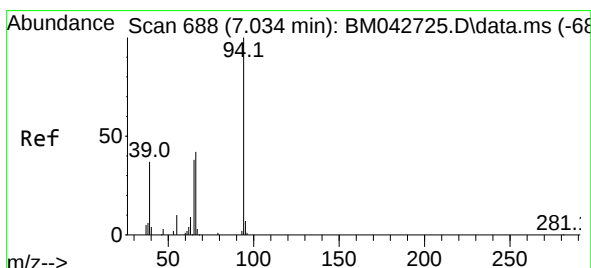
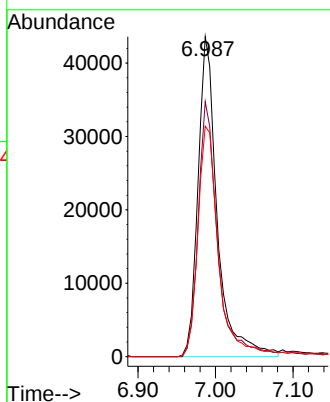
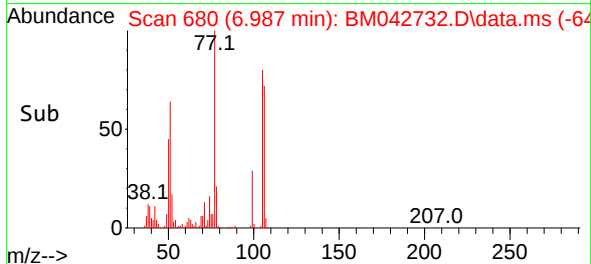
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion: 77 Resp: 75188
Ion Ratio Lower Upper
77 100
105 79.7 69.6 104.4
106 72.0 64.2 96.2

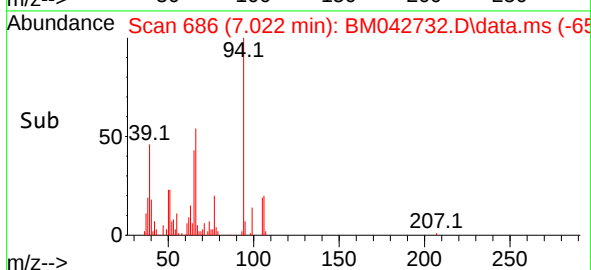
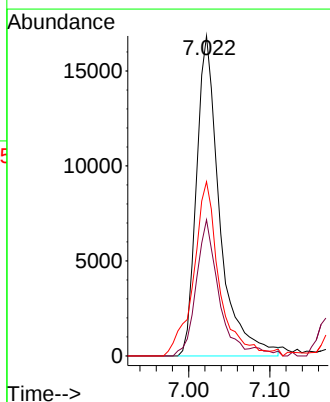
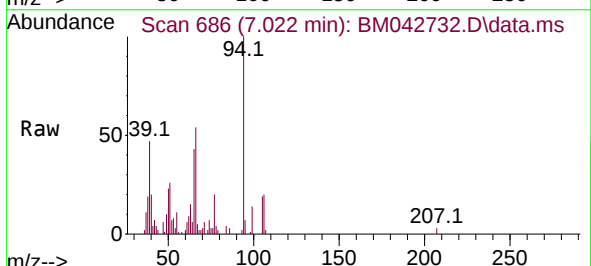
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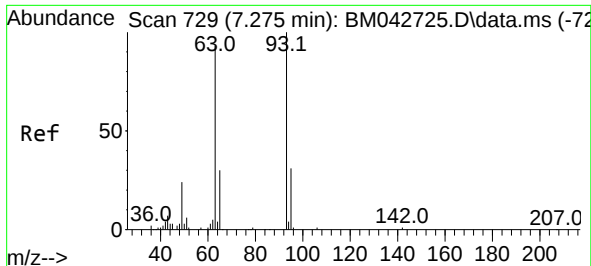
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#8
Phenol
Concen: 11.743 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

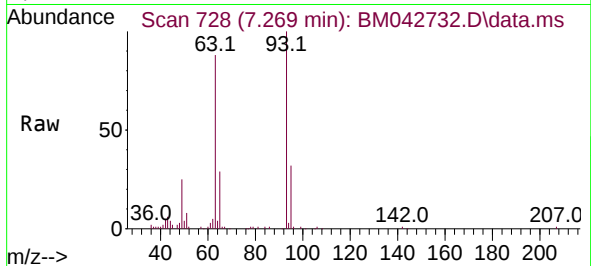
Tgt Ion: 94 Resp: 33421
Ion Ratio Lower Upper
94 100
65 42.5 30.3 45.5
66 54.4 39.9 59.9





#10
Bis(2-Chloroethyl)ether
Concen: 46.642 ng/ul
RT: 7.269 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

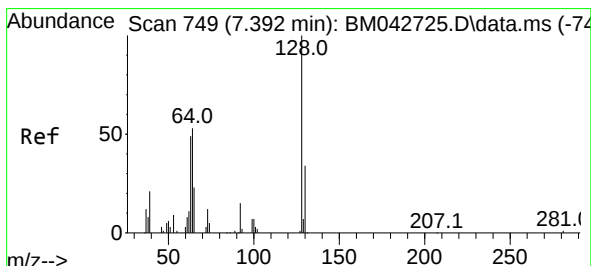
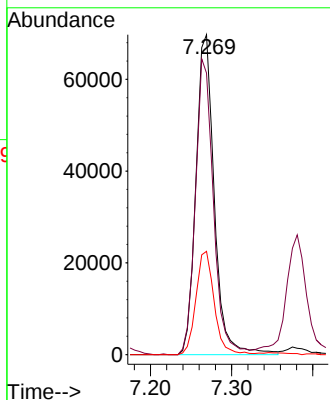
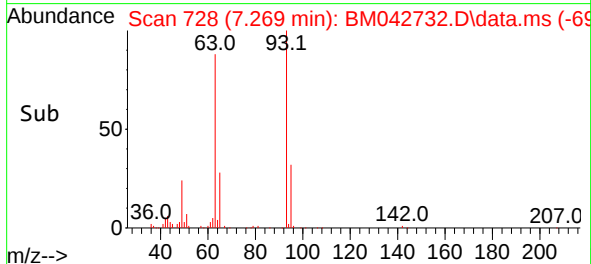
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion: 93 Resp: 109649
Ion Ratio Lower Upper
93 100
63 88.0 68.6 102.8
95 32.3 24.8 37.2

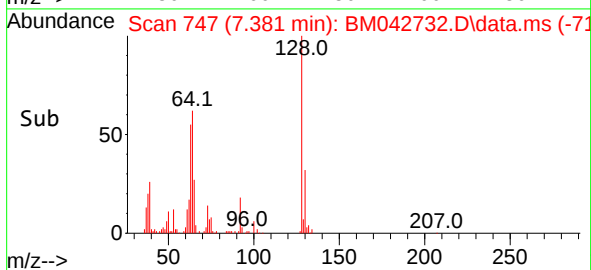
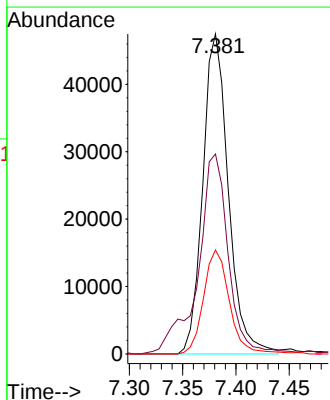
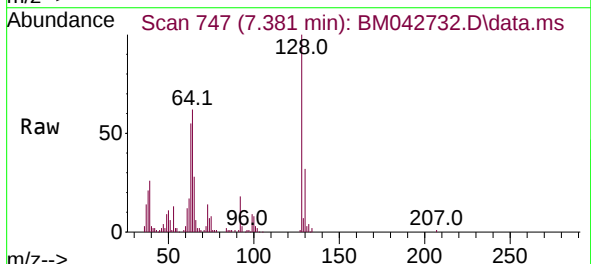
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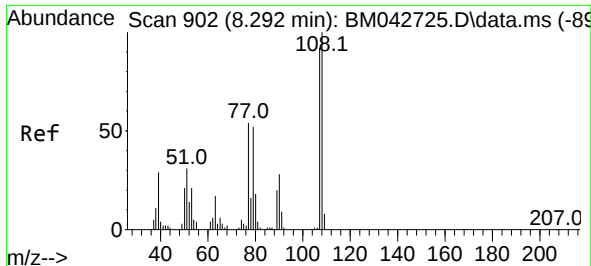
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#12
2-Chlorophenol
Concen: 36.039 ng/ul
RT: 7.381 min Scan# 747
Delta R.T. -0.018 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

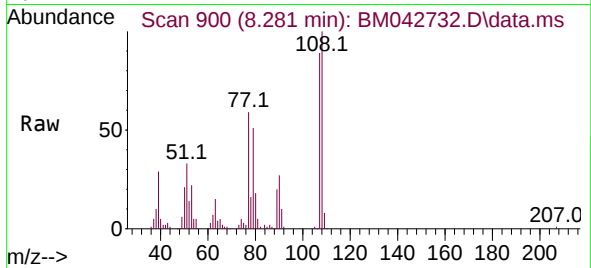
Tgt Ion:128 Resp: 79182
Ion Ratio Lower Upper
128 100
64 62.5 42.9 64.3
130 32.5 23.9 35.9





#13
2-Methylphenol
Concen: 28.614 ng/ul
RT: 8.281 min Scan# 90
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

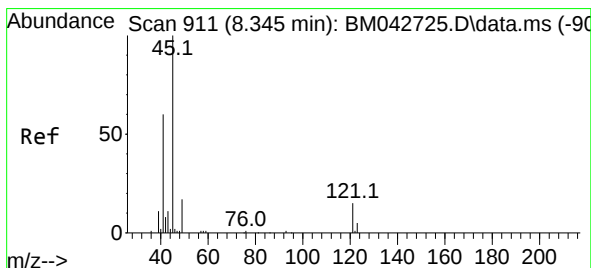
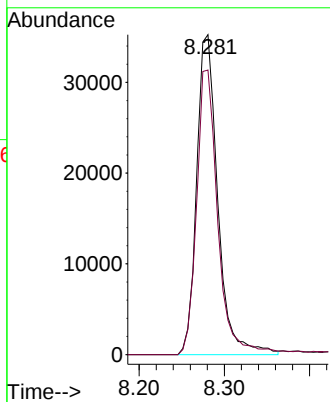
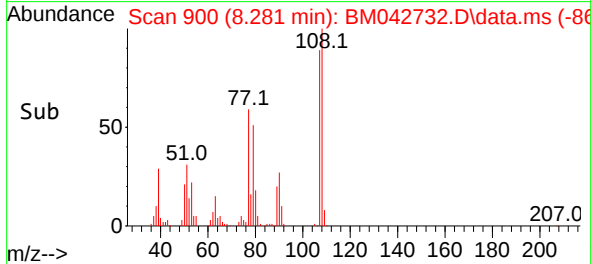
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Tgt Ion:108 Resp: 6072
Ion Ratio Lower Upper
108 100
107 88.9 70.4 105.6

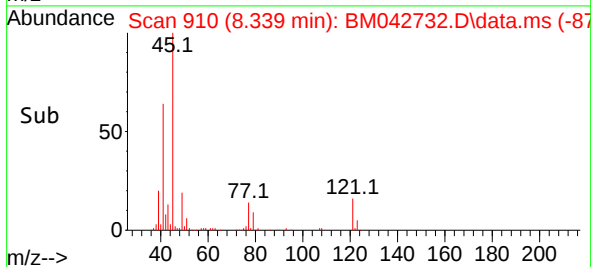
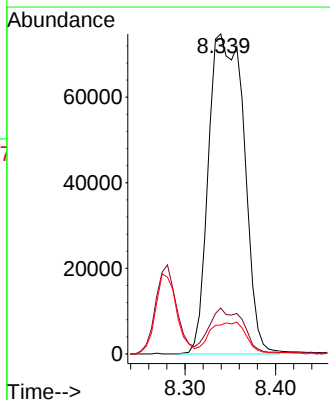
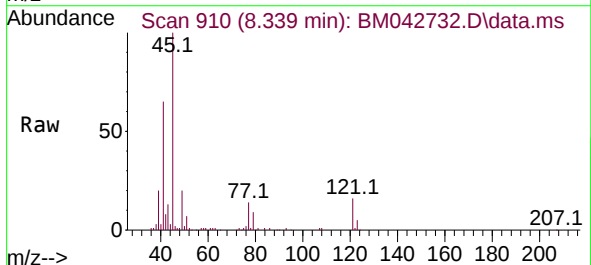
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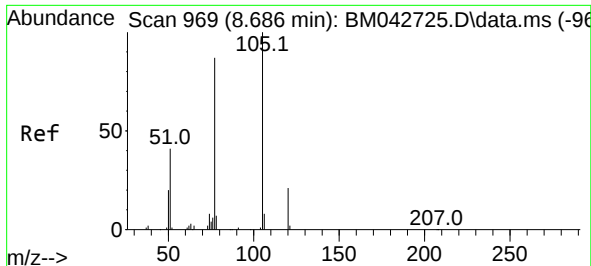
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 47.296 ng/ul m
RT: 8.339 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

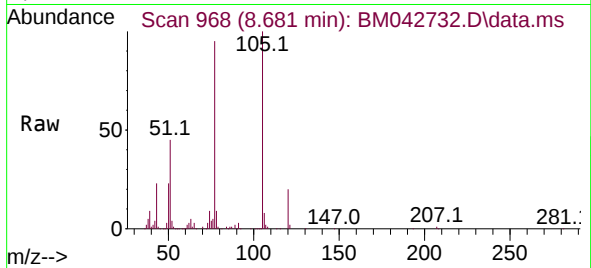
Tgt Ion: 45 Resp: 202404
Ion Ratio Lower Upper
45 100
77 14.4 12.2 18.2
79 9.0 8.2 12.2





#16
Acetophenone
Concen: 45.016 ng/ul
RT: 8.681 min Scan# 969
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

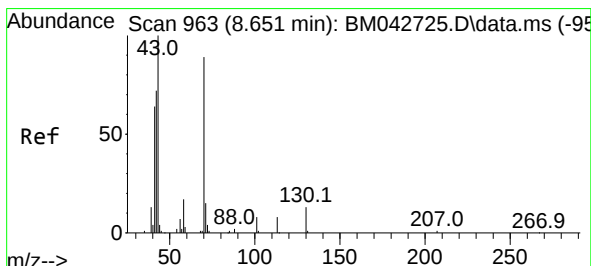
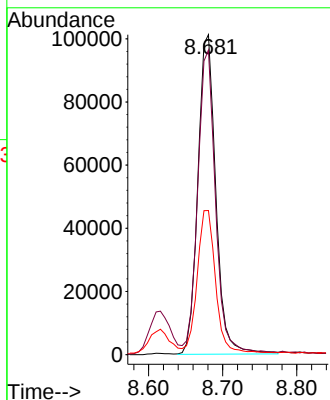
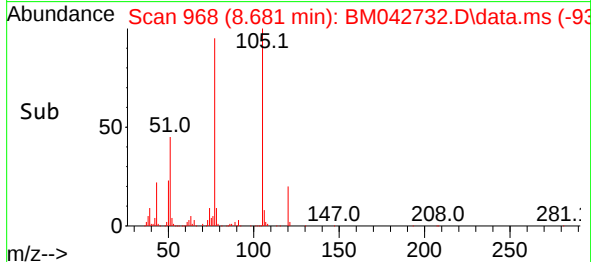
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BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion:105 Resp: 170525
Ion Ratio Lower Upper
105 100
77 95.2 71.6 107.4
51 45.0 35.4 53.2

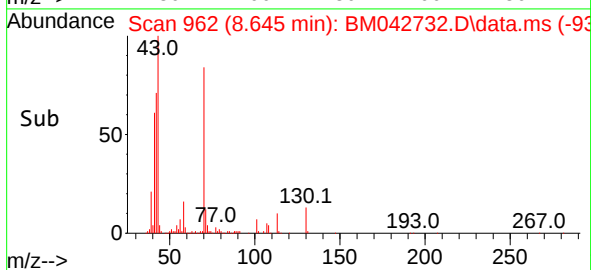
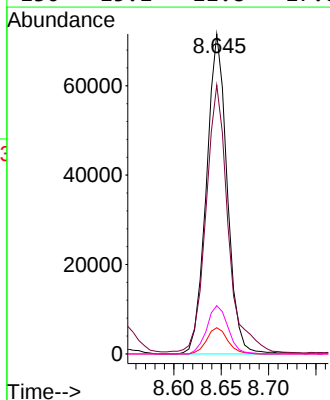
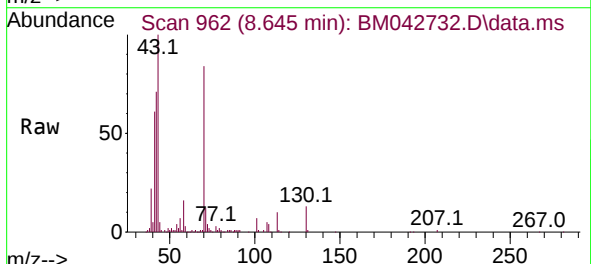
Manual Integrations
APPROVED

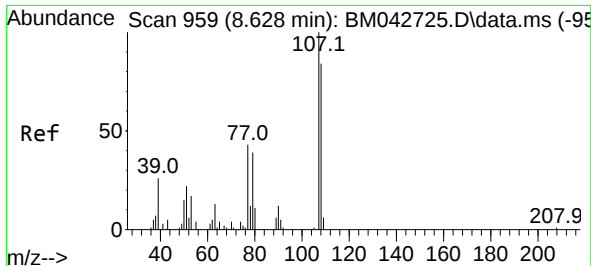
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#17
N-Nitroso-di-n-propylamine
Concen: 47.198 ng/ul
RT: 8.645 min Scan# 962
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 70 Resp: 108837
Ion Ratio Lower Upper
70 100
42 84.0 63.0 94.6
101 8.2 7.0 10.4
130 15.1 11.8 17.8





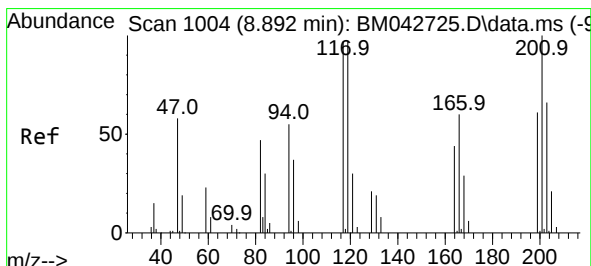
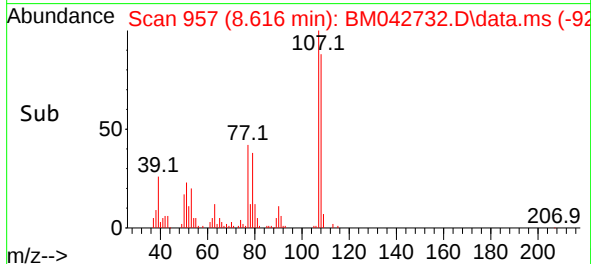
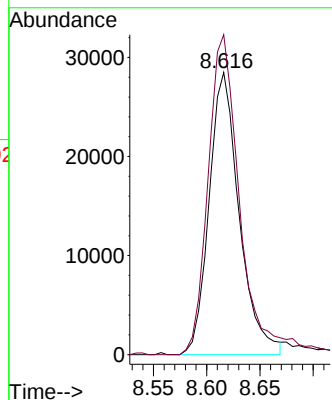
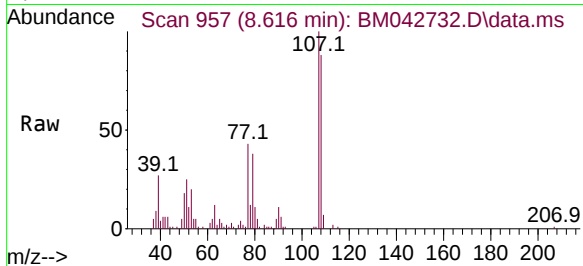
#18
4-Methylphenol
Concen: 24.294 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Tgt Ion:108 Resp: 56056
Ion Ratio Lower Upper
108 100
107 113.4 89.4 134.0

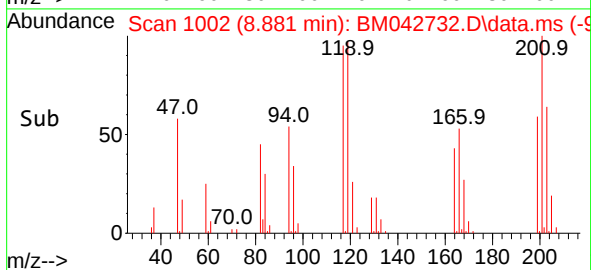
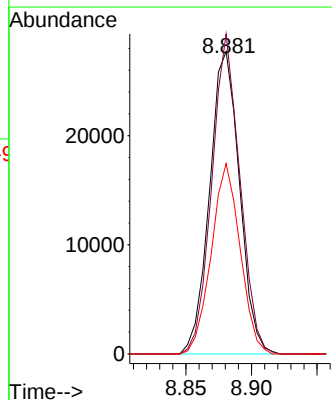
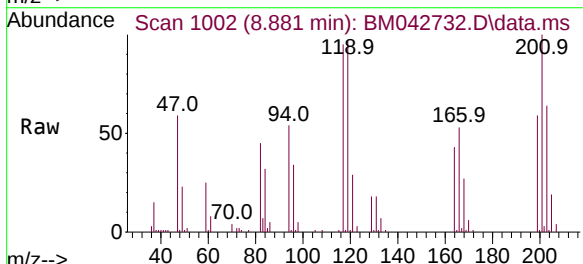
Manual Integrations
APPROVED

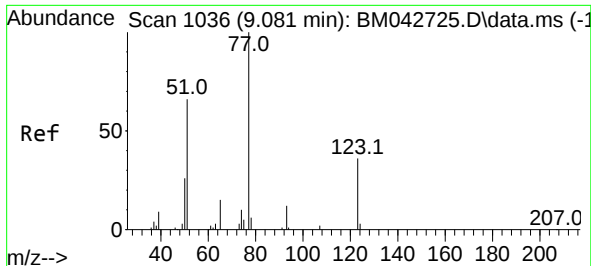
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#19
Hexachloroethane
Concen: 35.986 ng/ul
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

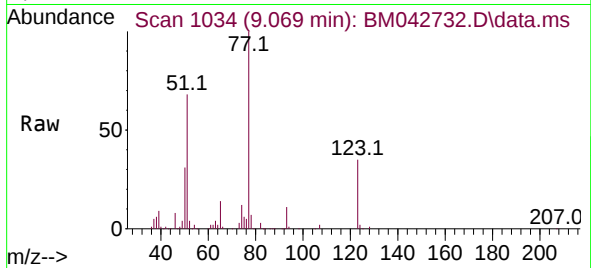
Tgt Ion:117 Resp: 44067
Ion Ratio Lower Upper
117 100
201 105.8 90.0 135.0
199 62.9 52.2 78.4





#22
Nitrobenzene
Concen: 44.411 ng/ul
RT: 9.069 min Scan# 1036
Delta R.T. -0.018 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

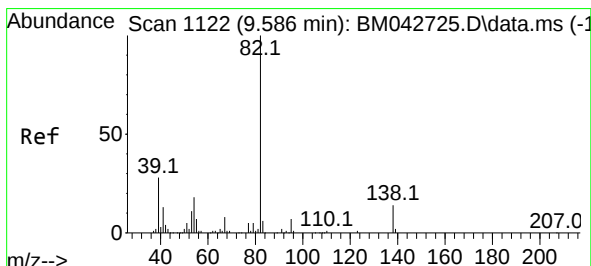
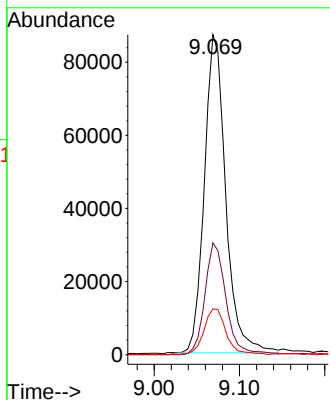
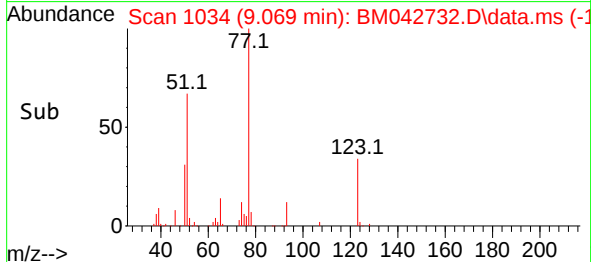
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion: 77 Resp: 151824
Ion Ratio Lower Upper
77 100
123 34.9 28.4 42.6
65 14.3 12.4 18.6

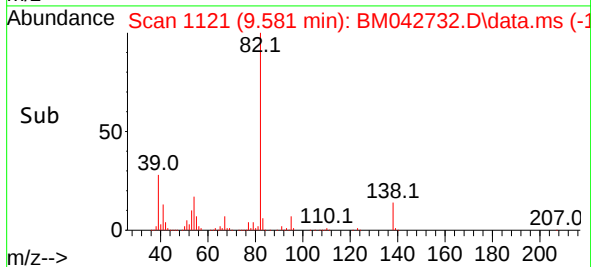
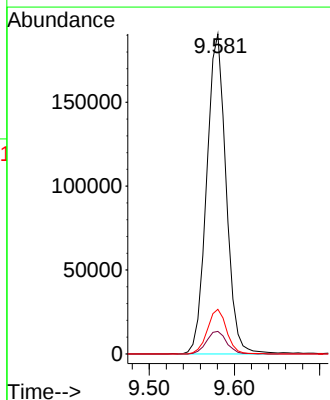
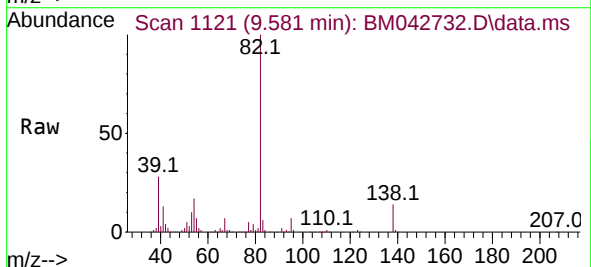
Manual Integrations
APPROVED

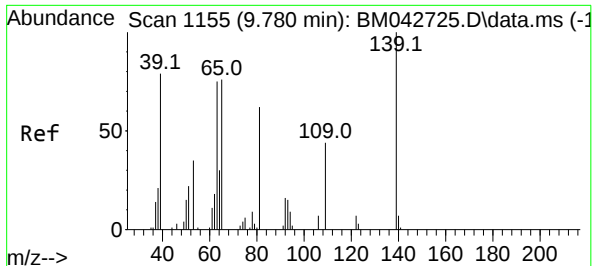
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#23
Isophorone
Concen: 44.209 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 82 Resp: 301011
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 14.0 12.1 18.1





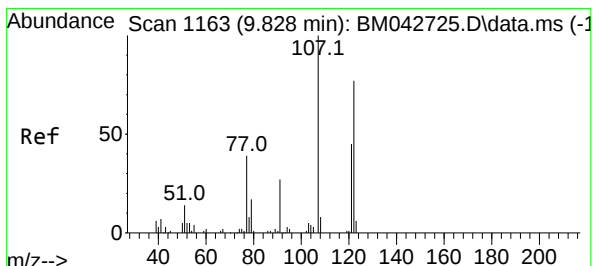
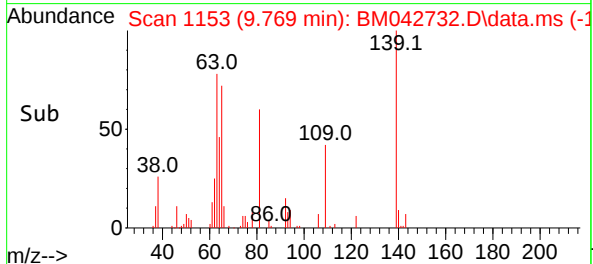
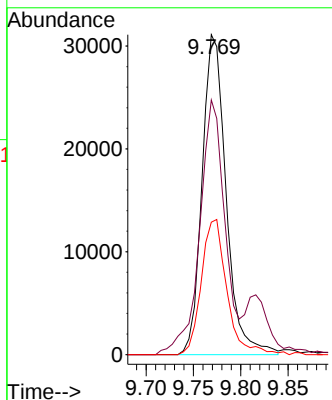
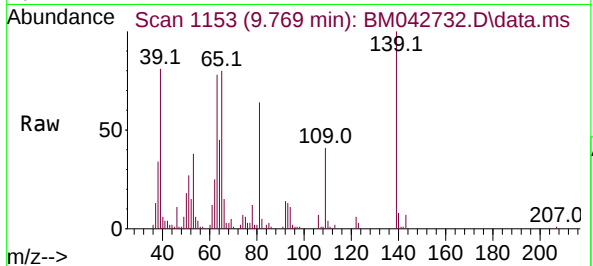
#25
2-Nitrophenol
Concen: 40.862 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Tgt Ion:139 Resp: 54933
Ion Ratio Lower Upper
139 100
65 79.6 59.1 88.7
109 41.4 33.9 50.9

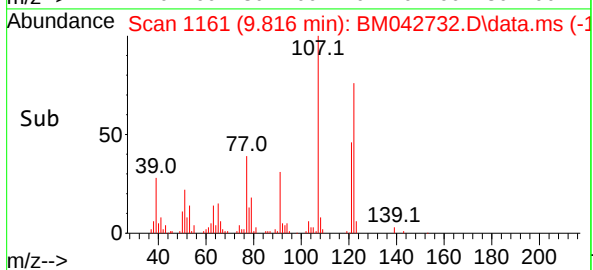
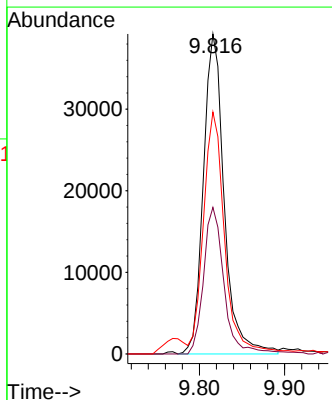
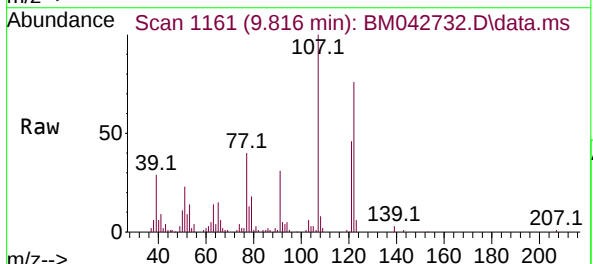
Manual Integrations
APPROVED

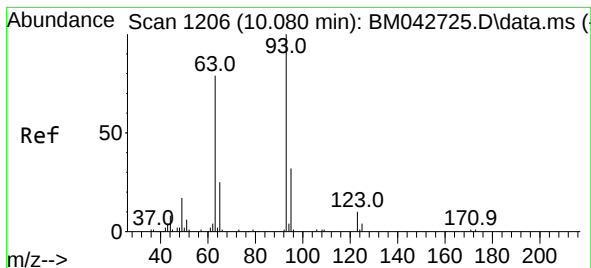
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#26
2,4-Dimethylphenol
Concen: 23.160 ng/ul
RT: 9.816 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion:107 Resp: 66617
Ion Ratio Lower Upper
107 100
121 45.8 38.0 57.0
122 75.6 60.5 90.7





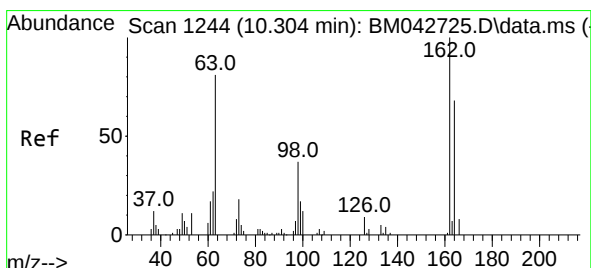
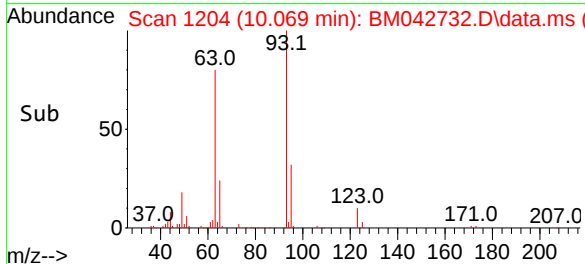
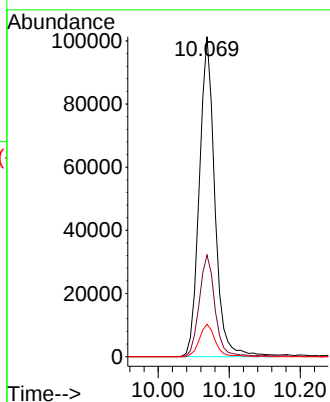
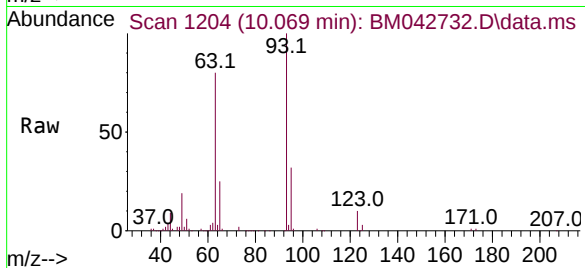
#27
Bis(2-Chloroethoxy)methane
Concen: 44.474 ng/ul
RT: 10.069 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Tgt Ion: 93 Resp: 153018
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 10.1 8.2 12.2

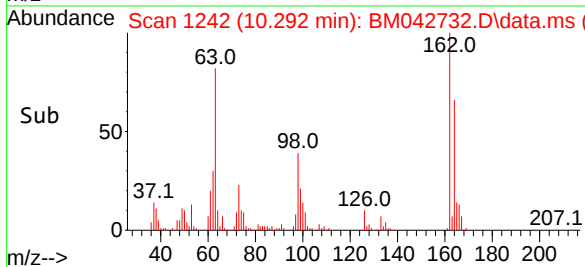
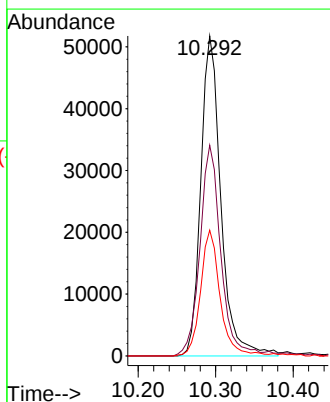
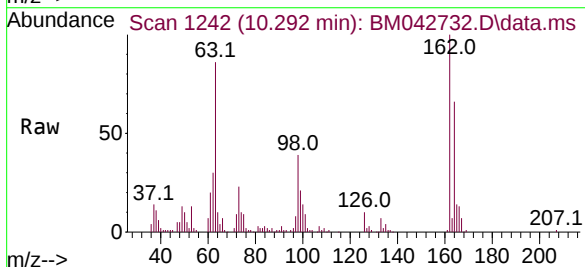
Manual Integrations
APPROVED

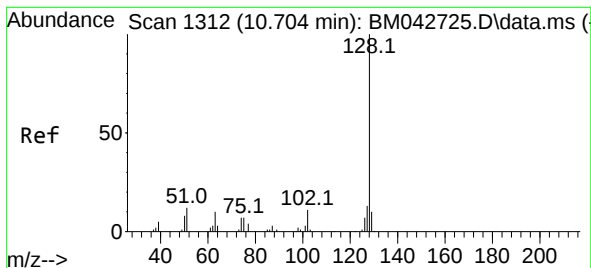
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#29
2,4-Dichlorophenol
Concen: 40.087 ng/ul
RT: 10.292 min Scan# 1242
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion:162 Resp: 93378
Ion Ratio Lower Upper
162 100
164 65.8 53.4 80.2
98 39.3 28.4 42.6





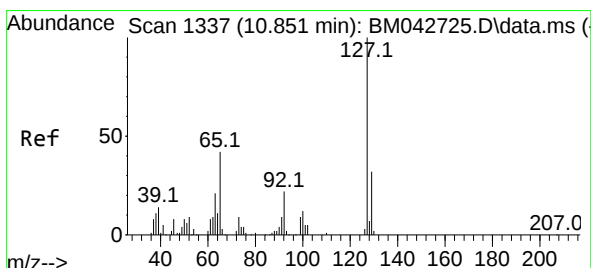
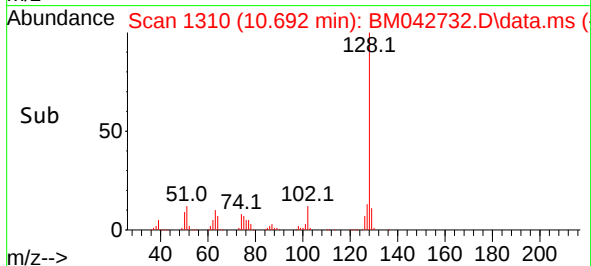
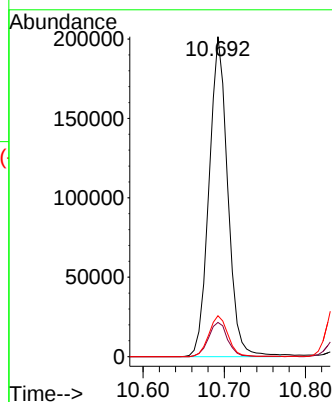
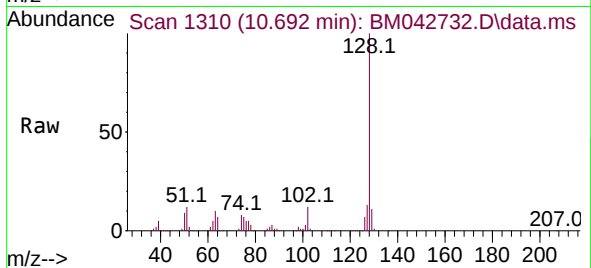
#30
Naphthalene
Concen: 39.945 ng/ul
RT: 10.692 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Tgt Ion:128 Resp: 322850
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 10.5 15.7

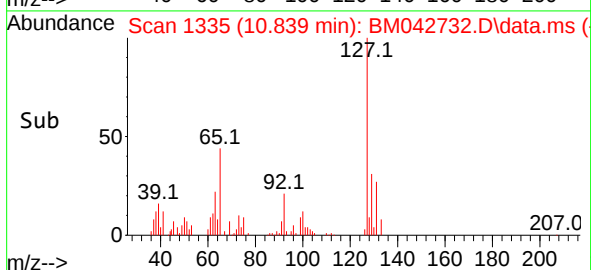
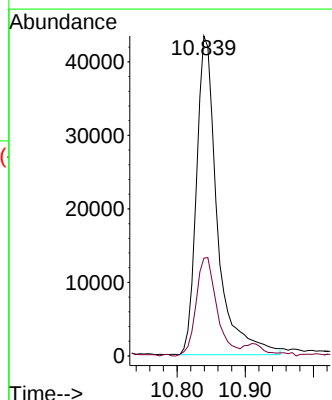
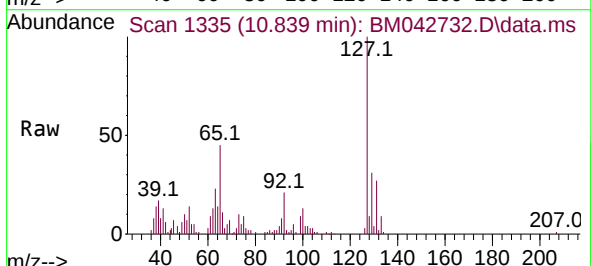
Manual Integrations
APPROVED

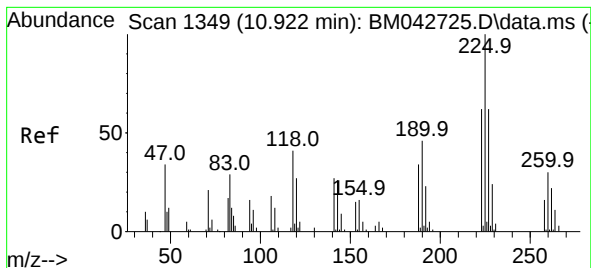
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#32
4-Chloroaniline
Concen: 30.780 ng/ul
RT: 10.839 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion:127 Resp: 92245
Ion Ratio Lower Upper
127 100
129 30.5 26.7 40.1





#33

Hexachlorobutadiene

Concen: 35.273 ng/ul

RT: 10.916 min Scan# 1349

Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:225 Resp: 72580

Ion Ratio Lower Upper

225 100

223 60.6 53.0 79.4

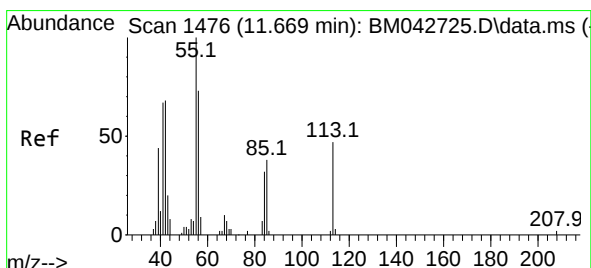
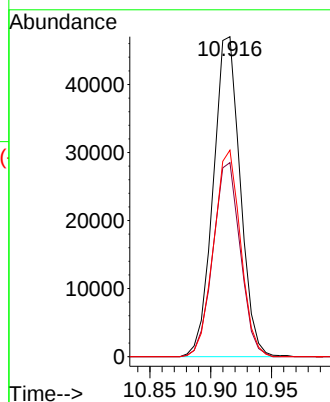
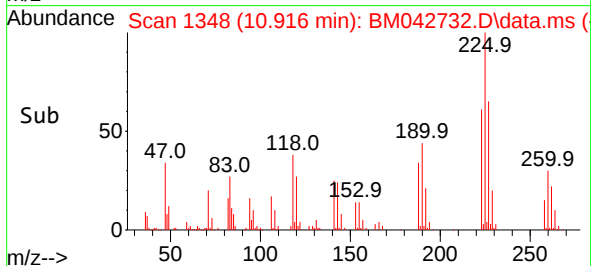
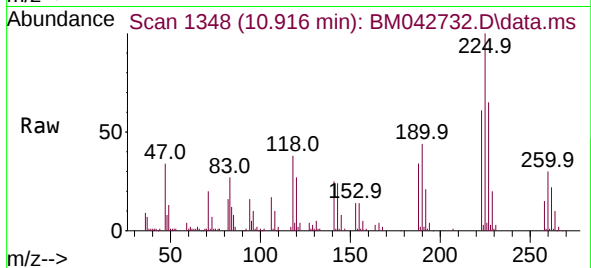
227 64.5 50.5 75.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#34

Caprolactam

Concen: 7.771 ng/ul m

RT: 11.680 min Scan# 1478

Delta R.T. -0.018 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

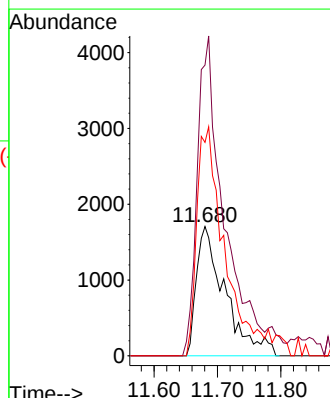
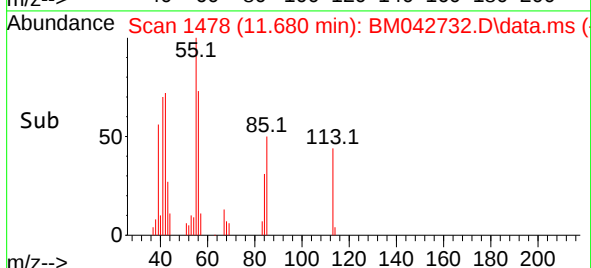
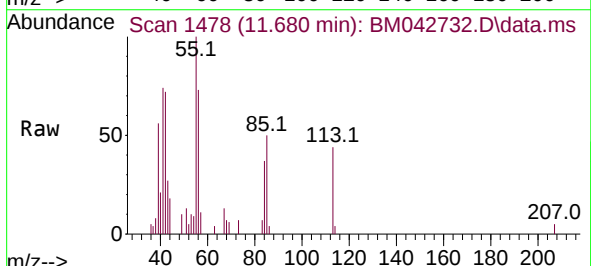
Tgt Ion:113 Resp: 5367

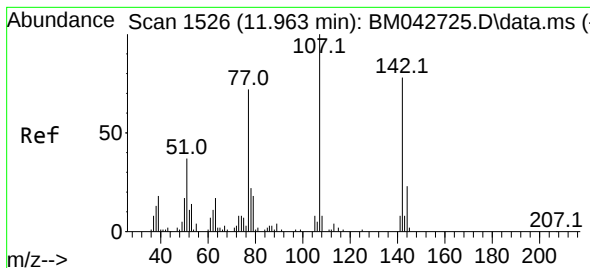
Ion Ratio Lower Upper

113 100

55 224.8 184.2 276.2

56 165.1 134.3 201.5





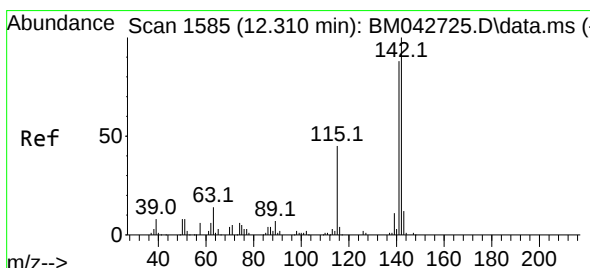
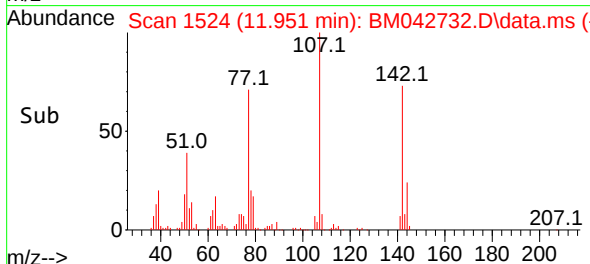
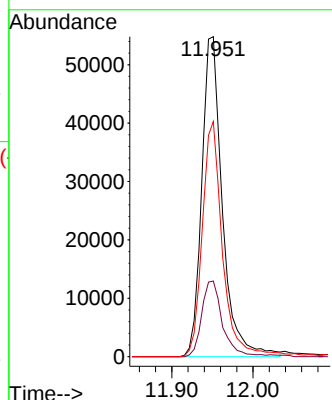
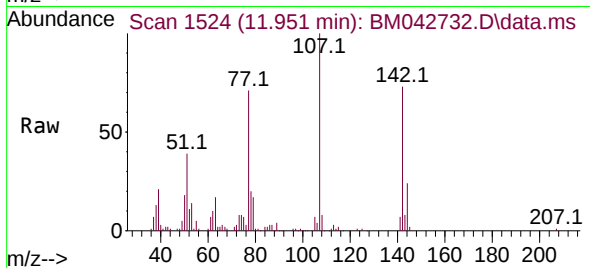
#35
4-Chloro-3-methylphenol
Concen: 38.787 ng/ul
RT: 11.951 min Scan# 11951
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Tgt Ion:107 Resp: 96815
Ion Ratio Lower Upper
107 100
144 23.6 18.3 27.5
142 73.5 56.3 84.5

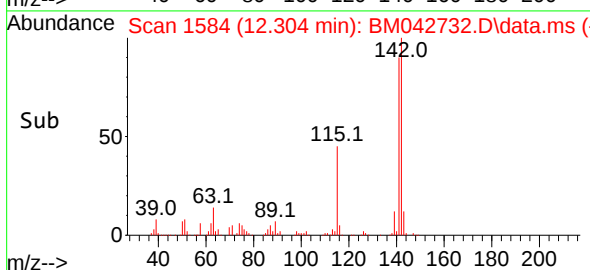
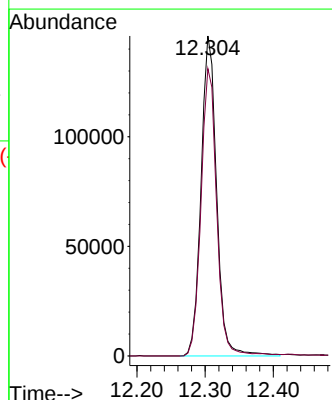
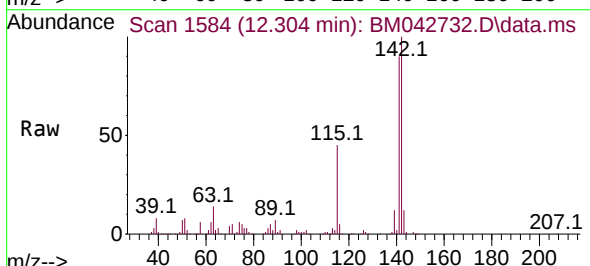
Manual Integrations
APPROVED

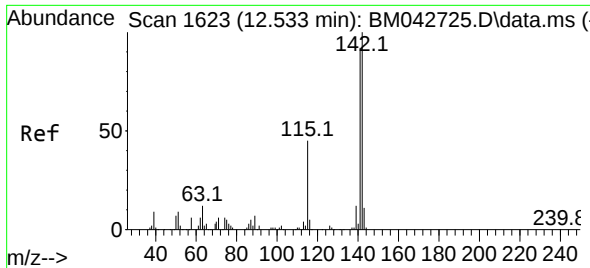
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#36
2-Methylnaphthalene
Concen: 42.886 ng/ul
RT: 12.304 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

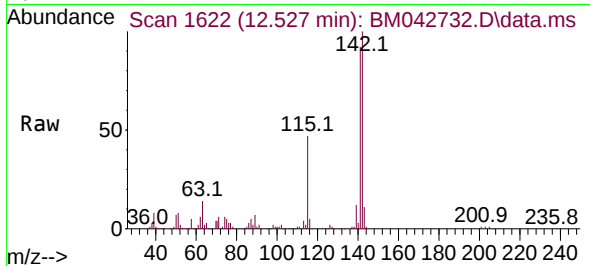
Tgt Ion:142 Resp: 232311
Ion Ratio Lower Upper
142 100
141 89.8 73.6 110.4





#37
1-Methylnaphthalene
Concen: 40.941 ng/ul
RT: 12.527 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

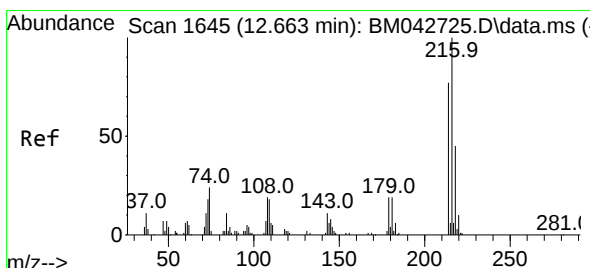
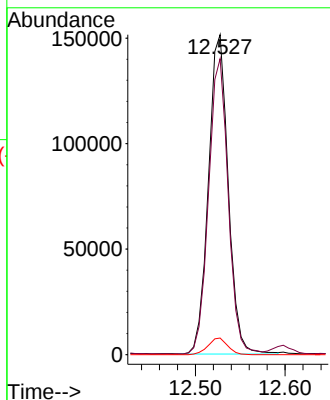
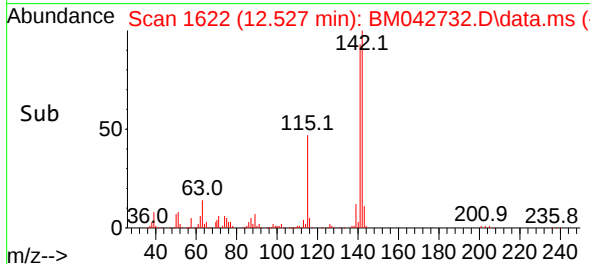
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



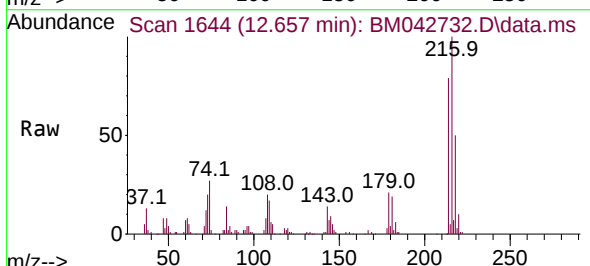
Tgt Ion:142 Resp: 233174
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9
116 5.2 3.9 5.9

Manual Integrations
APPROVED

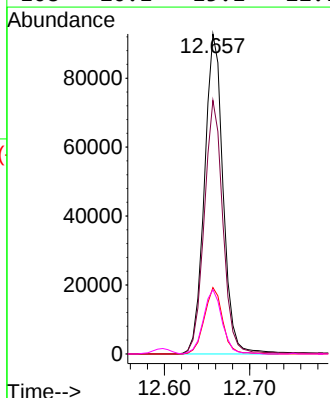
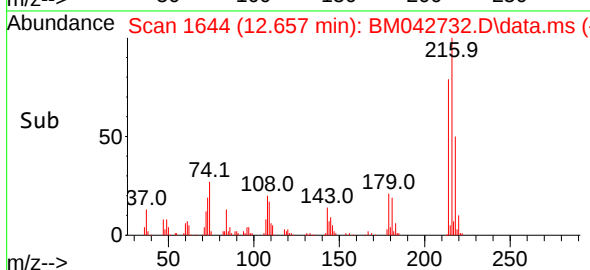
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

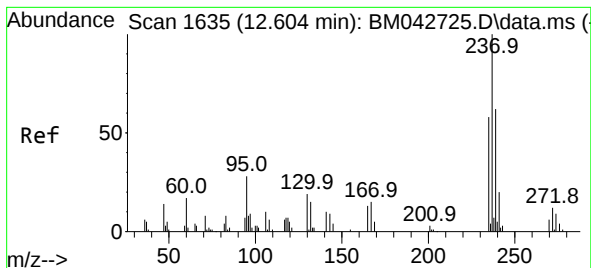


#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.985 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40



Tgt Ion:216 Resp: 140980
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 20.7 15.5 23.3
108 20.1 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 24.992 ng/ul

RT: 12.598 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

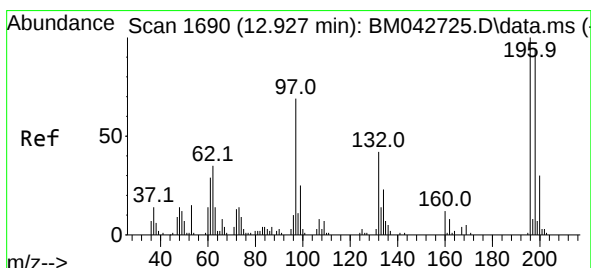
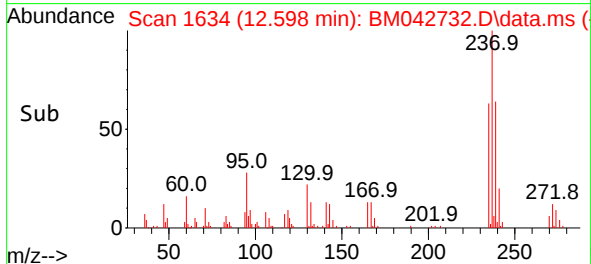
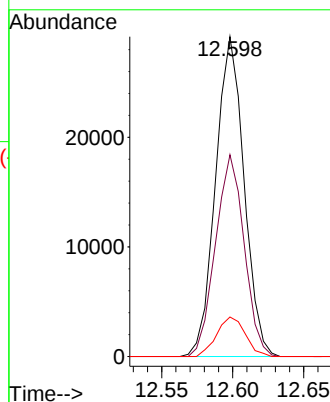
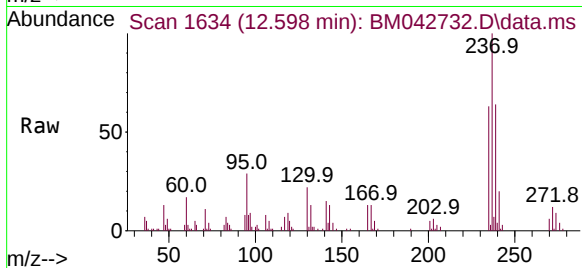
Tgt Ion:	237	Resp:	40700
Ion Ratio	Lower	Upper	
237	100		
235	63.1	53.3	79.9
272	13.1	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#41

2,4,6-Trichlorophenol

Concen: 42.422 ng/ul

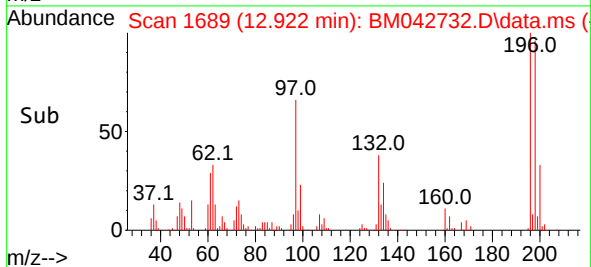
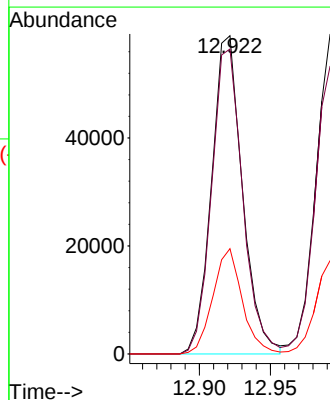
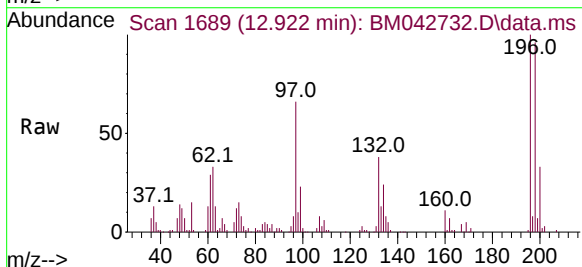
RT: 12.922 min Scan# 1689

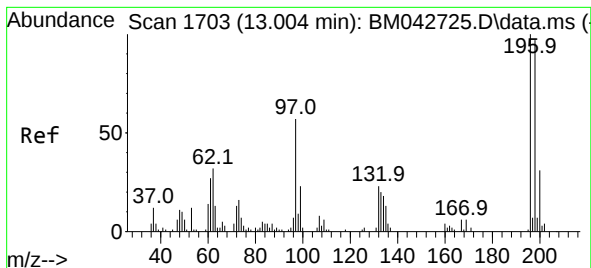
Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

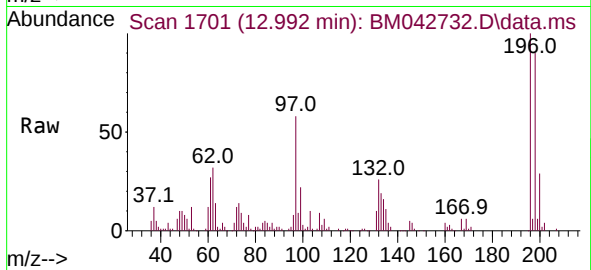
Tgt Ion:	196	Resp:	89133
Ion Ratio	Lower	Upper	
196	100		
198	95.8	81.0	121.4
200	33.1	24.1	36.1





#42
2,4,5-Trichlorophenol
Concen: 46.823 ng/ul
RT: 12.992 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

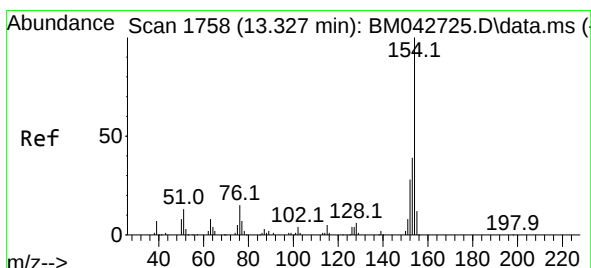
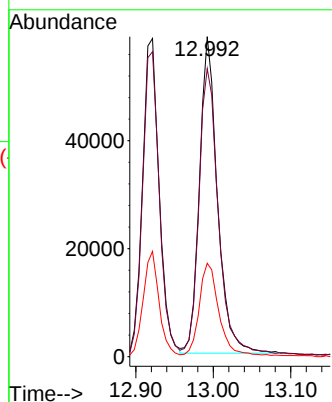
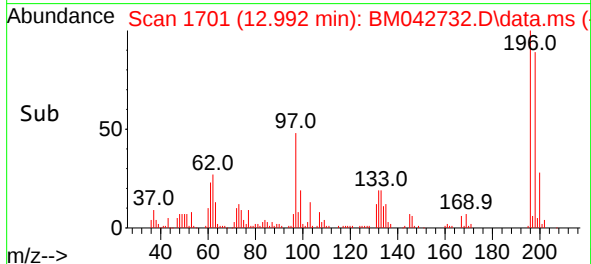
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



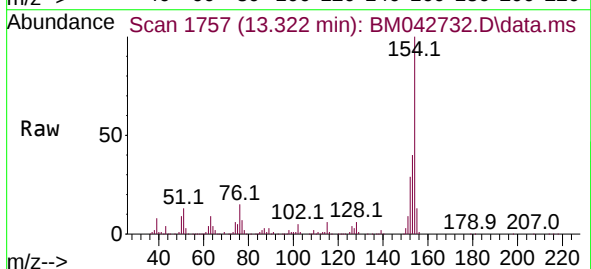
Tgt Ion:196 Resp: 94996
Ion Ratio Lower Upper
196 100
198 90.0 77.4 116.0
200 29.2 26.2 39.4

Manual Integrations
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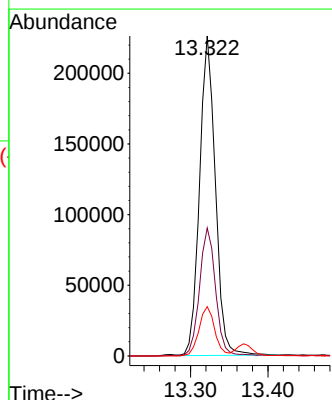
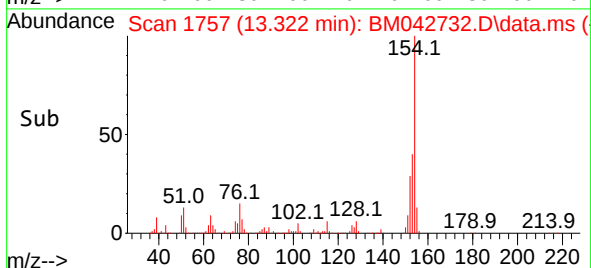
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

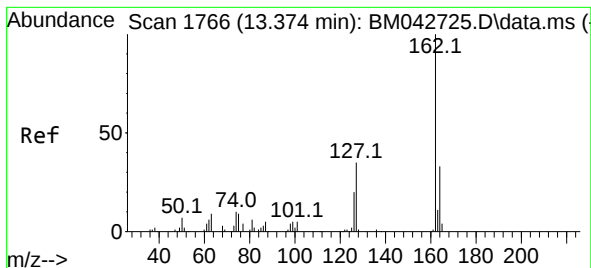


#43
1,1'-Biphenyl
Concen: 43.786 ng/ul
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40



Tgt Ion:154 Resp: 320274
Ion Ratio Lower Upper
154 100
153 40.0 32.4 48.6
76 15.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 43.298 ng/ul

RT: 13.369 min Scan# 1766

Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:162 Resp: 254786

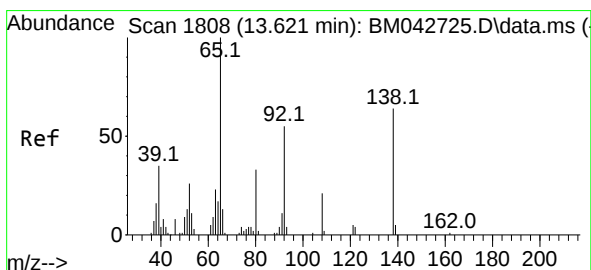
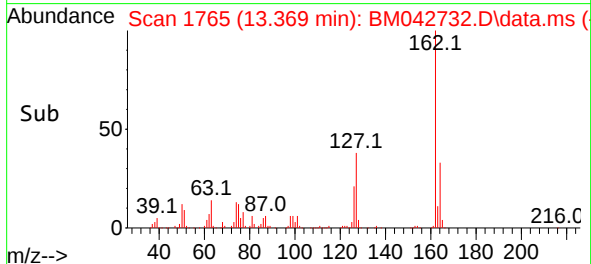
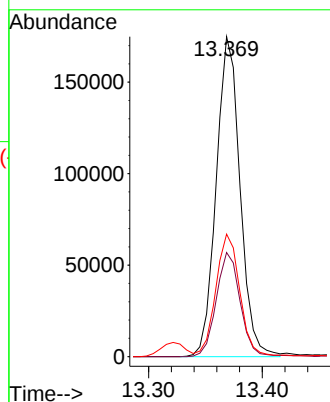
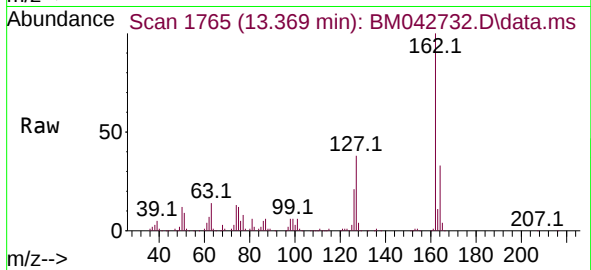
Ion	Ratio	Lower	Upper
162	100		
164	32.5	24.2	36.2
127	38.3	30.8	46.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#45

2-Nitroaniline

Concen: 53.613 ng/ul

RT: 13.616 min Scan# 1807

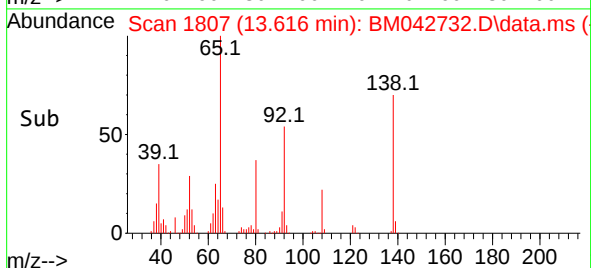
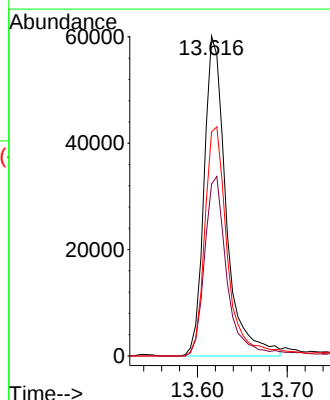
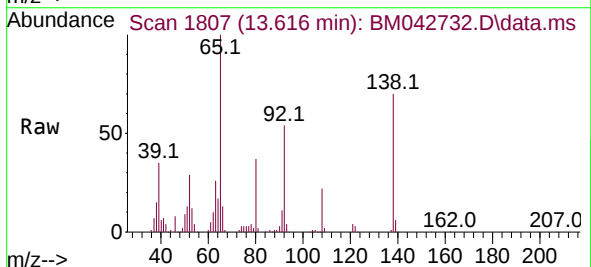
Delta R.T. -0.012 min

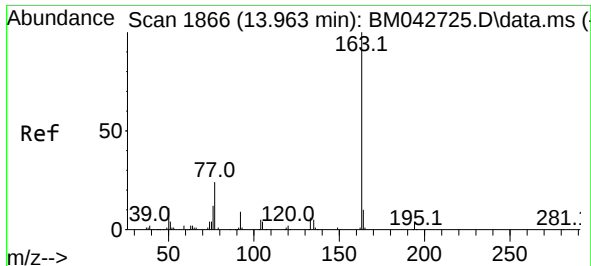
Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion: 65 Resp: 102887

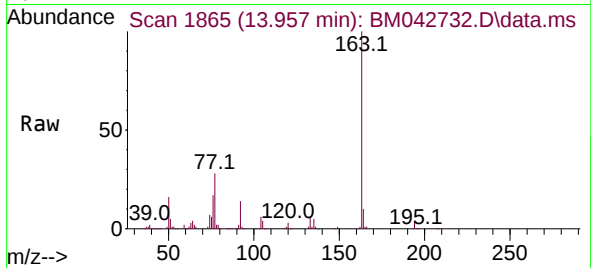
Ion	Ratio	Lower	Upper
65	100		
92	53.7	49.1	73.7
138	70.0	61.8	92.8





#47
Dimethylphthalate
Concen: 46.898 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

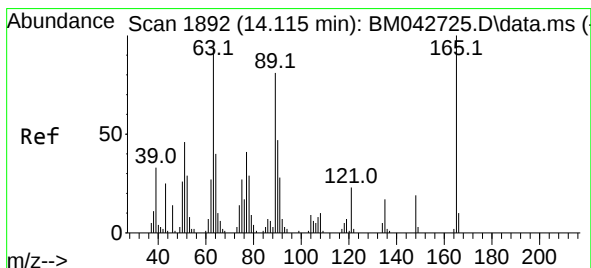
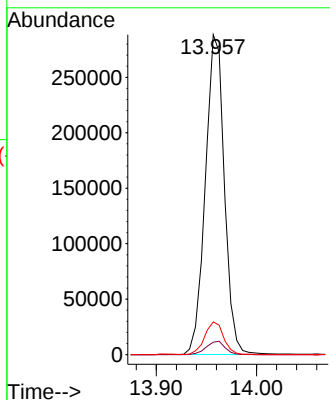
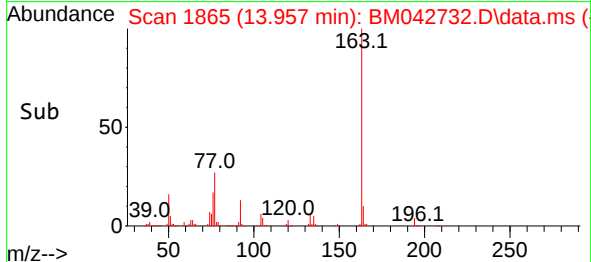
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



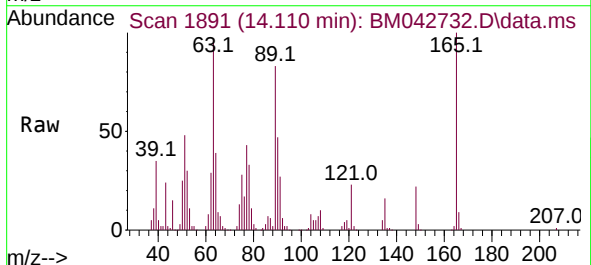
Tgt Ion:163 Resp: 379180
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 7.9 11.9

Manual Integrations
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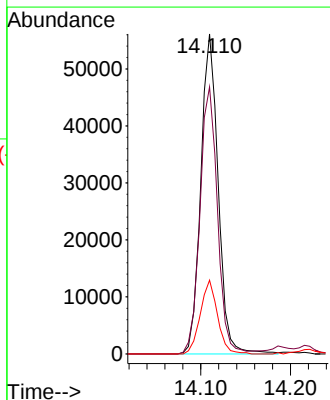
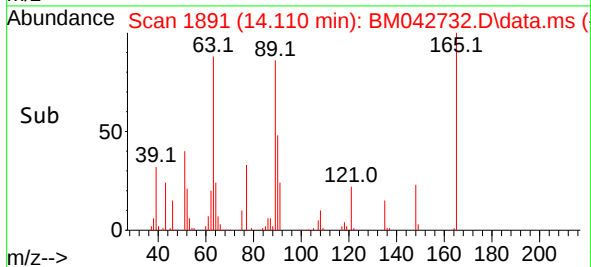
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

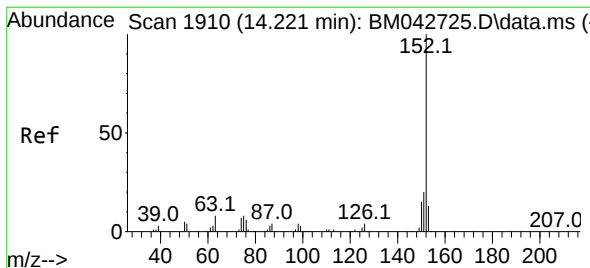


#48
2,6-Dinitrotoluene
Concen: 49.775 ng/ul
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40



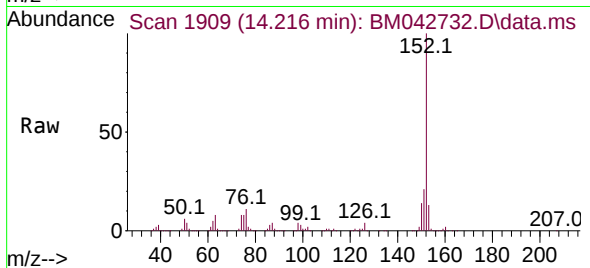
Tgt Ion:165 Resp: 75607
Ion Ratio Lower Upper
165 100
89 83.4 64.1 96.1
121 23.0 18.4 27.6





#50
Acenaphthylene
Concen: 44.244 ng/ul
RT: 14.216 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

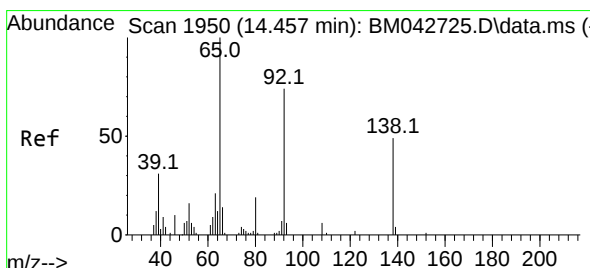
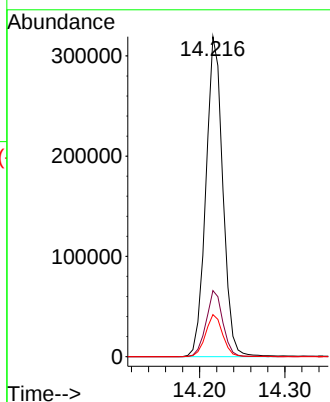
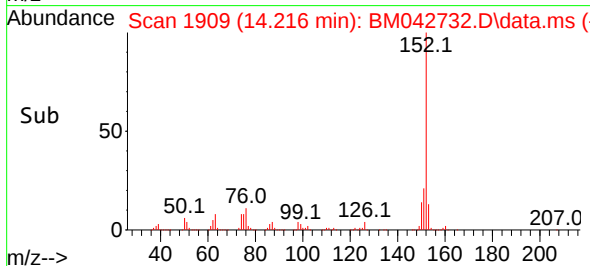
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion:152 Resp: 440325
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.2 10.5 15.7

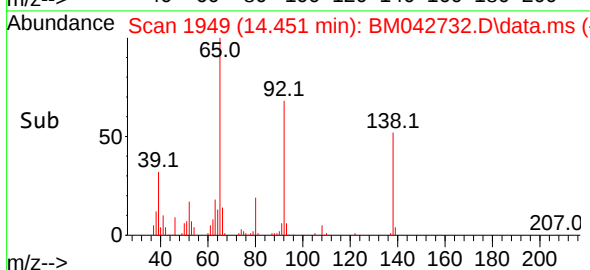
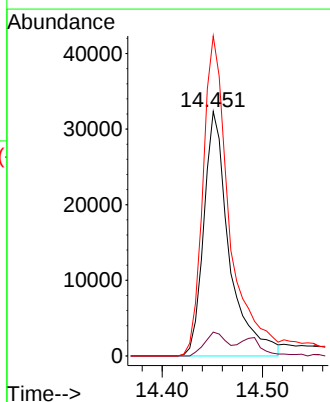
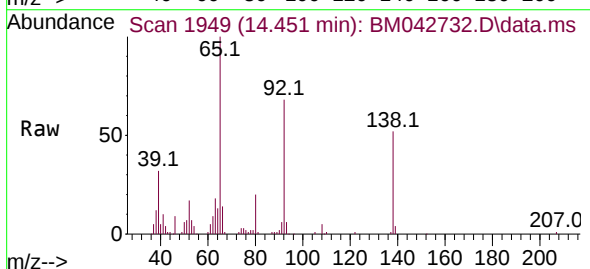
Manual Integrations
APPROVED

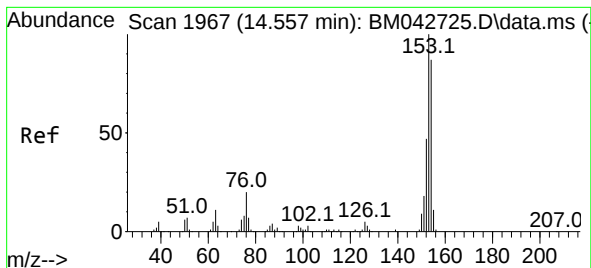
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#51
3-Nitroaniline
Concen: 45.914 ng/ul
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion:138 Resp: 57029
Ion Ratio Lower Upper
138 100
108 9.7 8.7 13.1
92 130.9 109.4 164.0





#52

Acenaphthene

Concen: 44.864 ng/ul

RT: 14.551 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

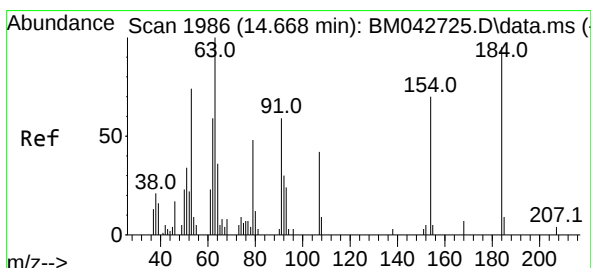
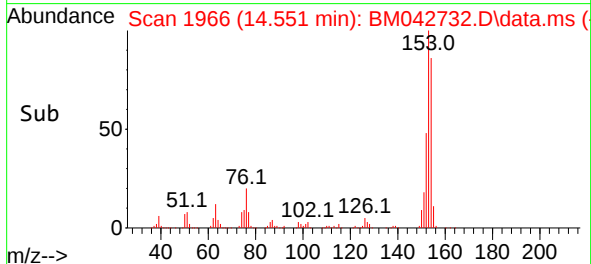
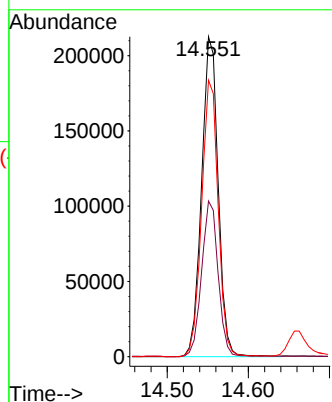
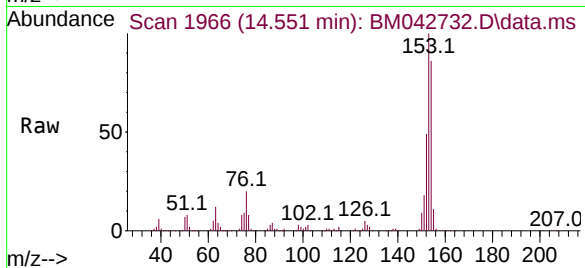
Tgt Ion:	153	Resp:	301963
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.2	57.2
154	86.4	71.3	106.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#53

2,4-Dinitrophenol

Concen: 51.954 ng/ul

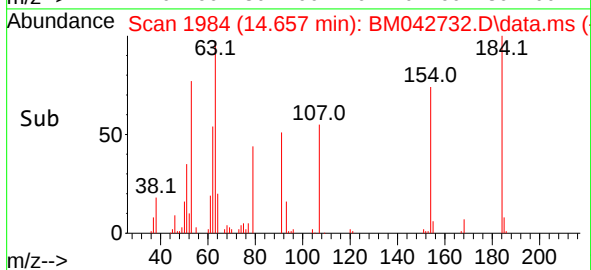
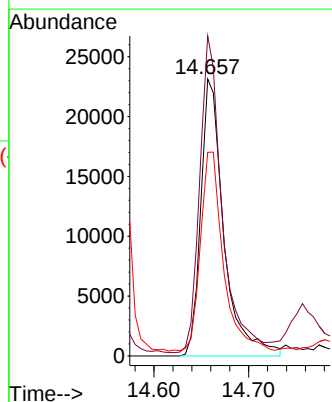
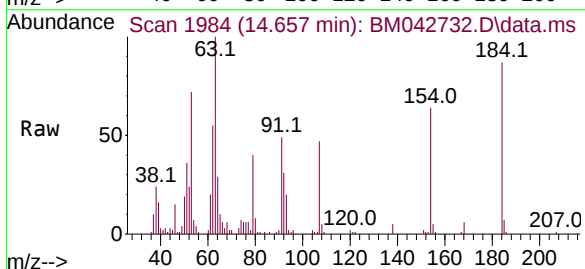
RT: 14.657 min Scan# 1984

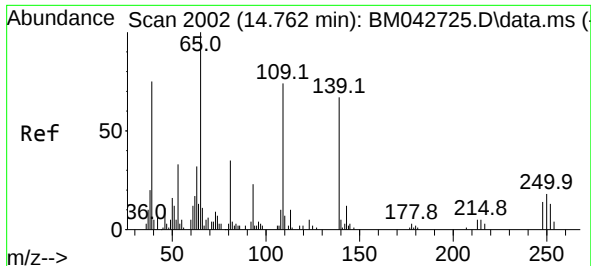
Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

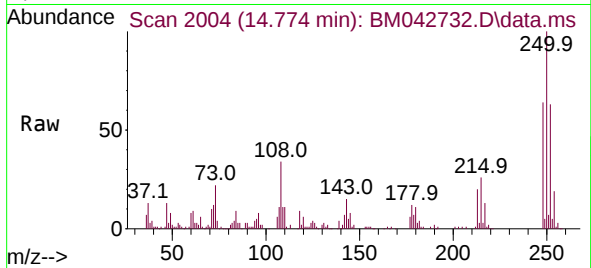
Tgt Ion:	184	Resp:	39239
Ion Ratio	Lower	Upper	
184	100		
63	115.6	79.1	118.7
154	73.5	65.7	98.5





#55
4-Nitrophenol
Concen: 15.945 ng/ul m
RT: 14.774 min Scan# 2004
Delta R.T. 0.018 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

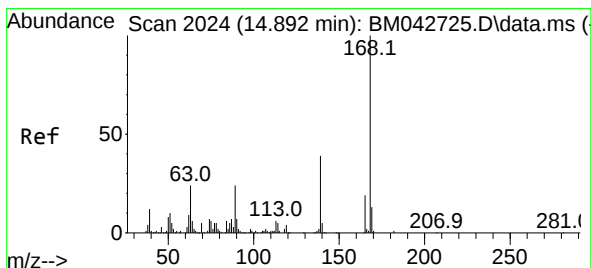
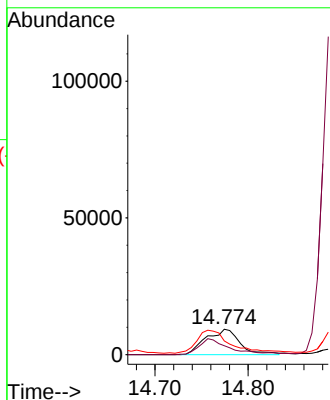
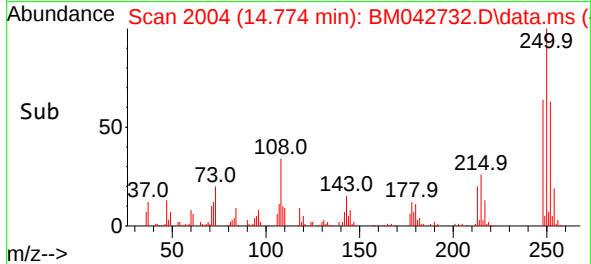
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion:109 Resp: 23532
Ion Ratio Lower Upper
109 100
139 34.9 67.1 100.7
65 54.2 107.1 160.7

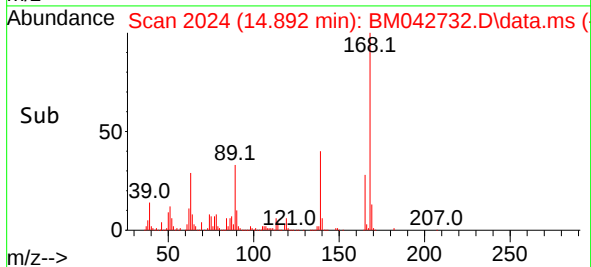
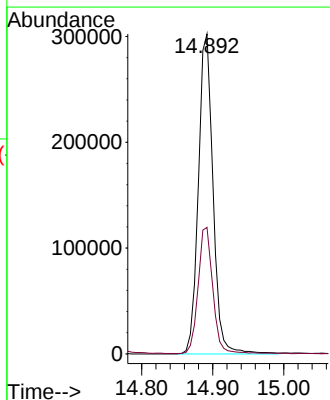
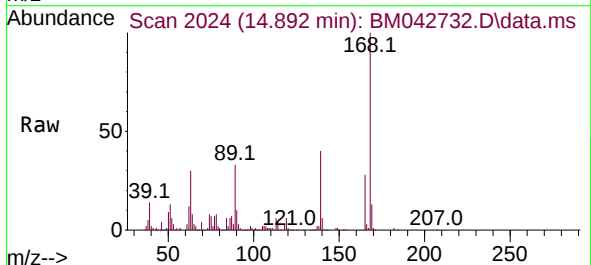
Manual Integrations
APPROVED

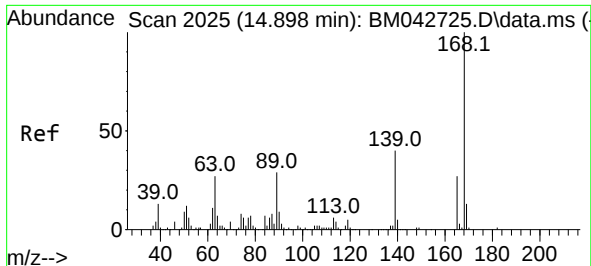
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#56
Dibenzofuran
Concen: 46.187 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

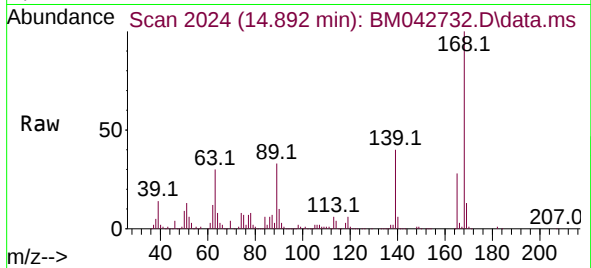
Tgt Ion:168 Resp: 431473
Ion Ratio Lower Upper
168 100
139 39.5 30.8 46.2





#57
2,4-Dinitrotoluene
Concen: 55.943 ng/ul
RT: 14.892 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

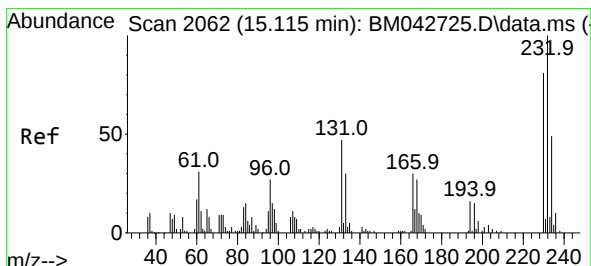
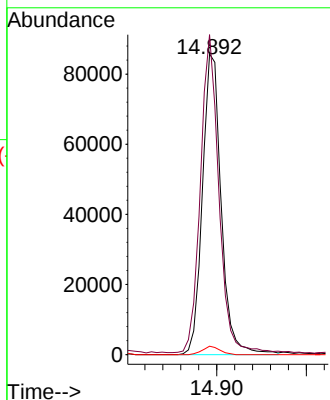
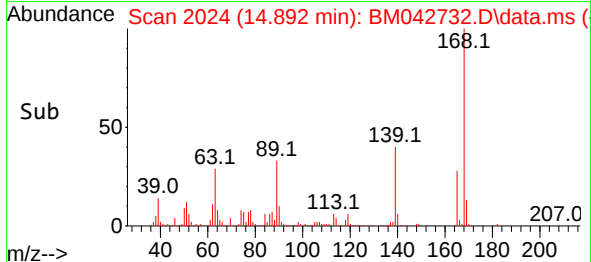
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



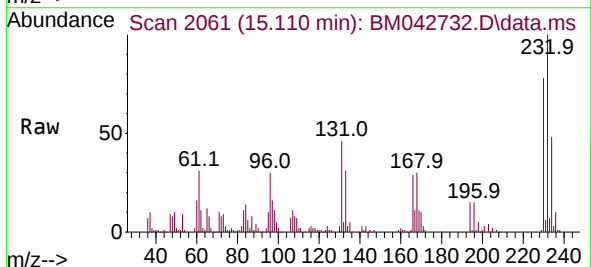
Tgt Ion:165 Resp: 124752
Ion Ratio Lower Upper
165 100
63 106.4 83.5 125.3
182 2.8 2.4 3.6

Manual Integrations
APPROVED

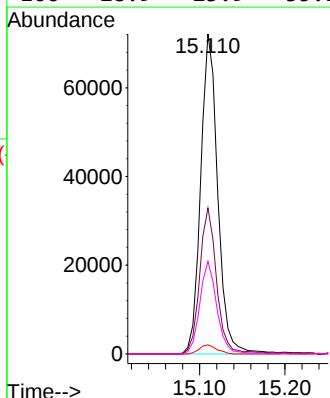
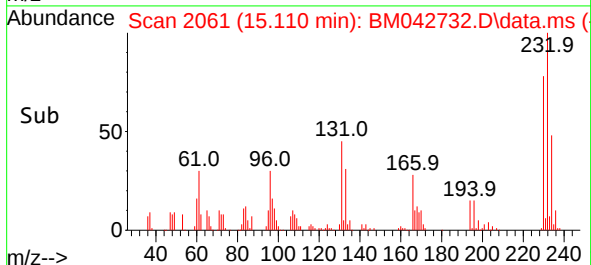
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

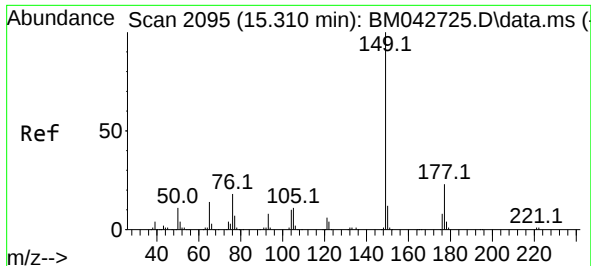


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.661 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40



Tgt Ion:232 Resp: 100375
Ion Ratio Lower Upper
232 100
131 45.6 38.9 58.3
130 2.8 1.9 2.9
166 28.9 23.9 35.9





#59

Diethylphthalate

Concen: 49.202 ng/ul

RT: 15.310 min Scan# 2095

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:149 Resp: 417149

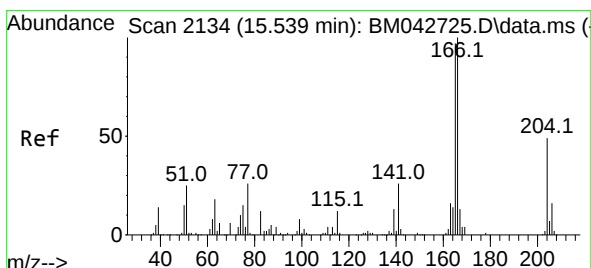
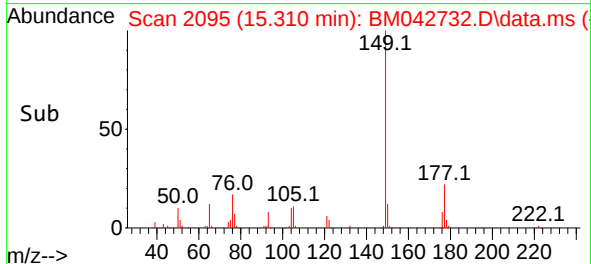
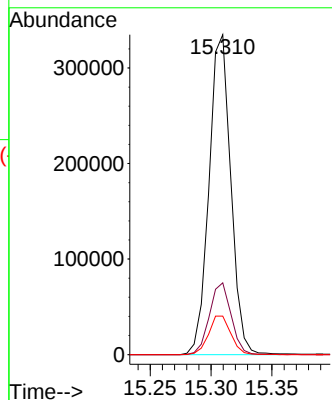
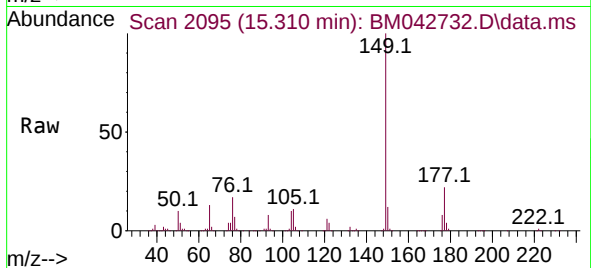
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	12.0	9.7	14.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#61

Fluorene

Concen: 48.393 ng/ul

RT: 15.539 min Scan# 2134

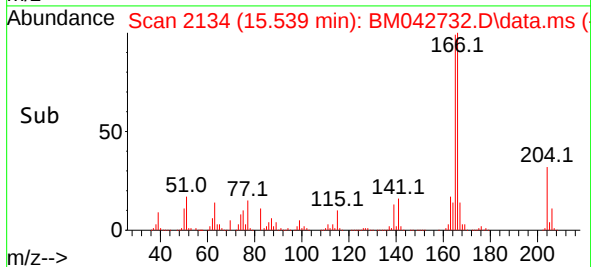
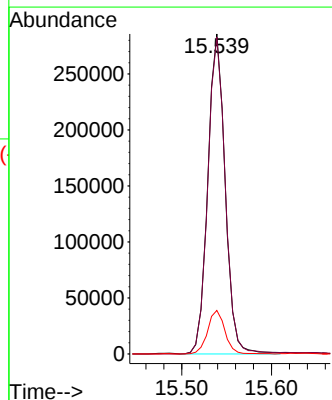
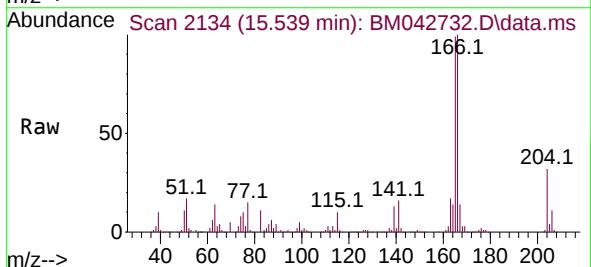
Delta R.T. -0.006 min

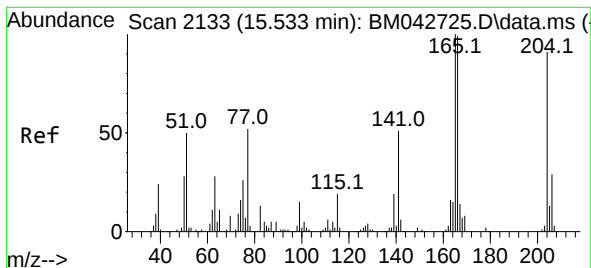
Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:166 Resp: 383823

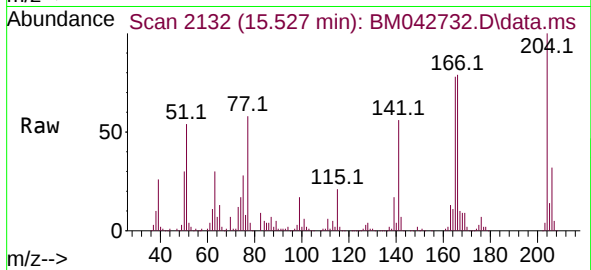
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	13.6	10.6	15.8





#62
4-Chlorophenyl-phenylether
Concen: 48.250 ng/ul
RT: 15.527 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

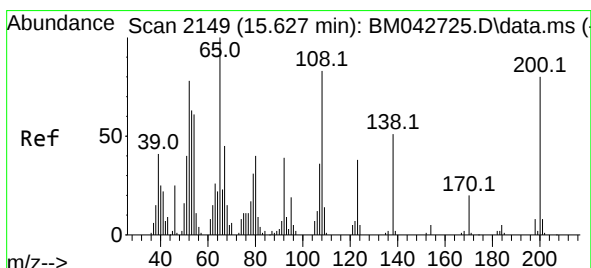
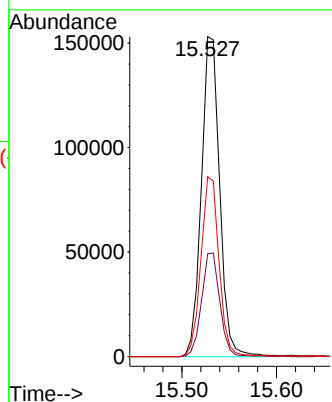
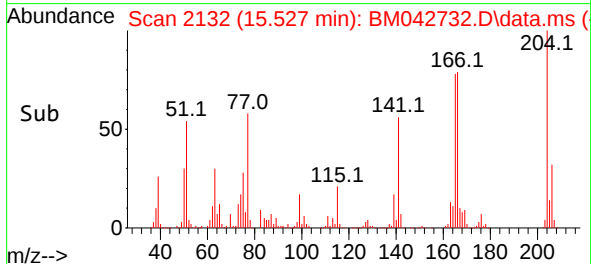
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion:204 Resp: 20624
Ion Ratio Lower Upper
204 100
206 32.1 27.0 40.4
141 56.2 46.0 69.0

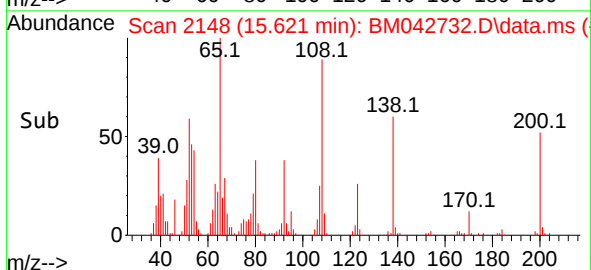
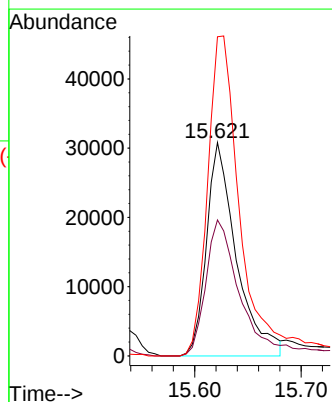
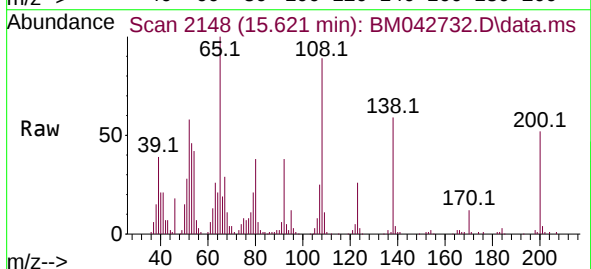
Manual Integrations
APPROVED

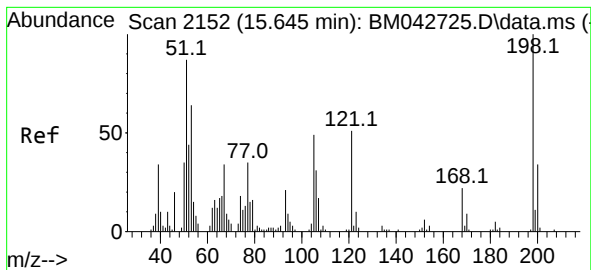
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#63
4-Nitroaniline
Concen: 53.070 ng/ul
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion:138 Resp: 60095
Ion Ratio Lower Upper
138 100
92 63.7 47.4 71.0
108 149.5 129.5 194.3





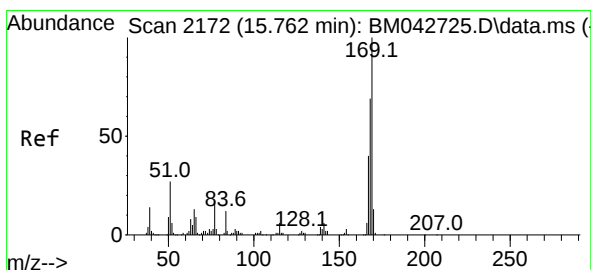
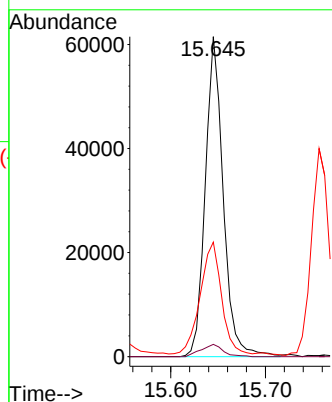
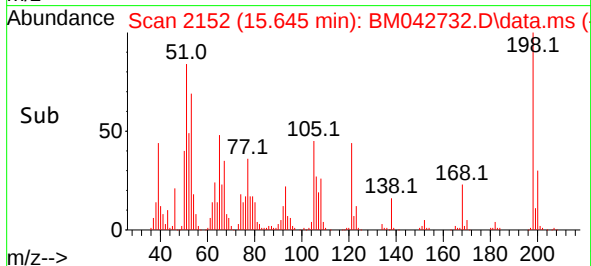
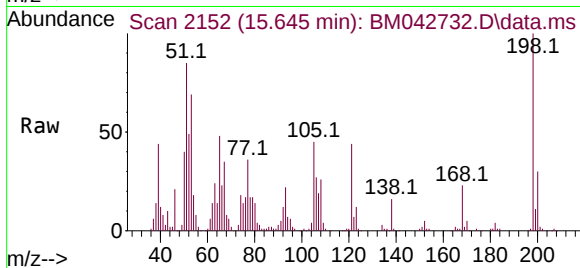
#66
4,6-Dinitro-2-methylphenol
Concen: 53.762 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Tgt Ion:198 Resp: 8121
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.0
77 35.8 26.9 40.3

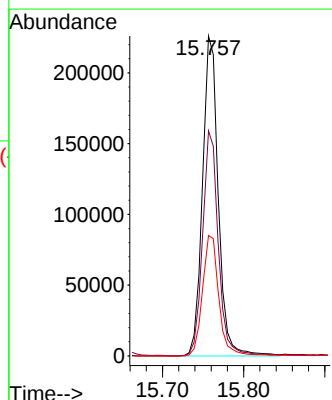
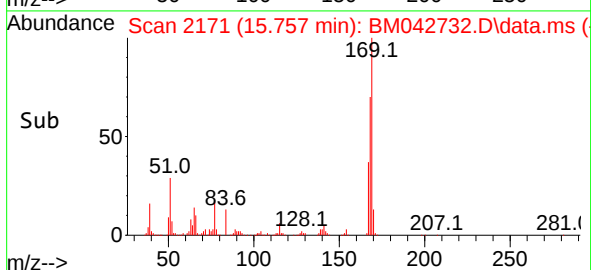
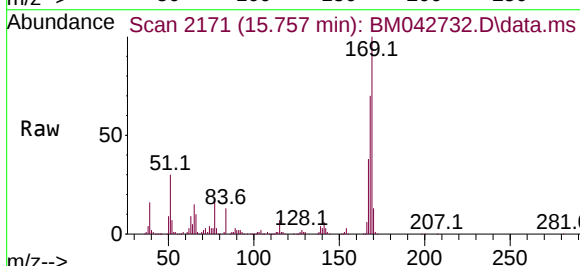
Manual Integrations
APPROVED

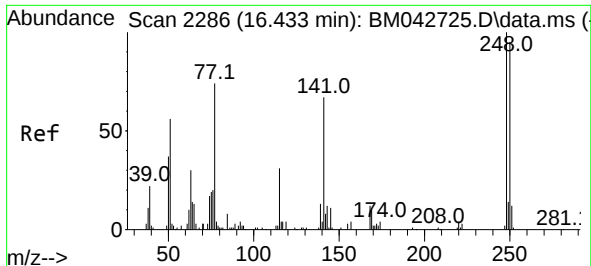
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#67
N-Nitrosodiphenylamine
Concen: 49.795 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

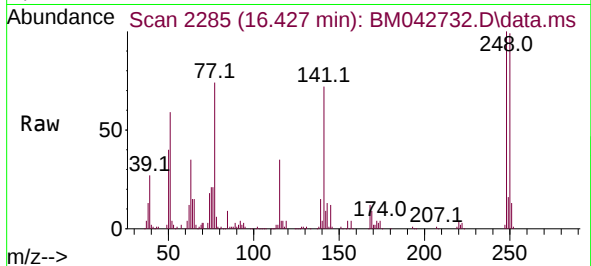
Tgt Ion:169 Resp: 305939
Ion Ratio Lower Upper
169 100
168 70.3 55.8 83.6
167 37.6 31.4 47.2





#68
4-Bromophenyl-phenylether
Concen: 47.833 ng/ul
RT: 16.427 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

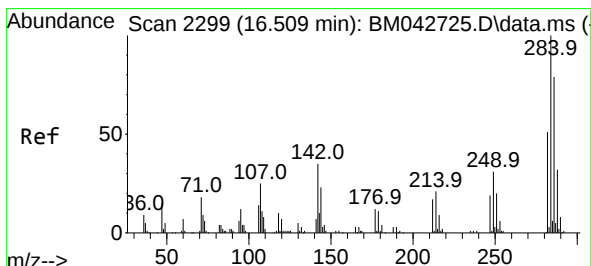
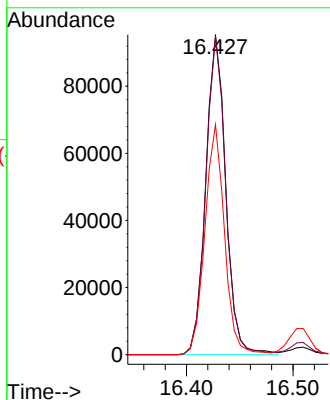
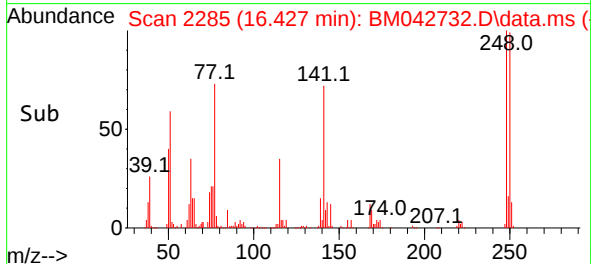
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



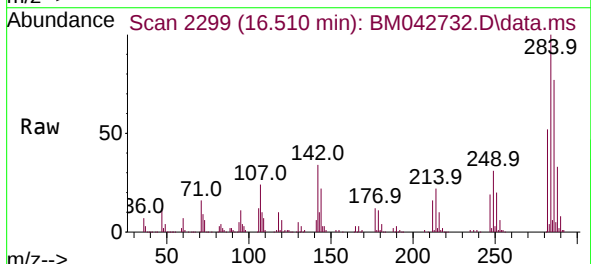
Tgt Ion:248 Resp: 12472
Ion Ratio Lower Upper
248 100
250 99.4 84.3 126.5
141 71.9 60.1 90.1

Manual Integrations
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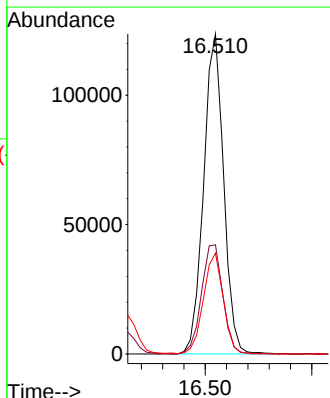
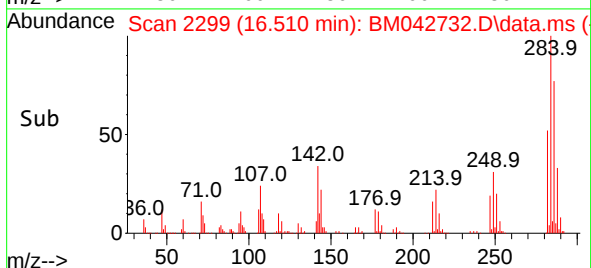
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

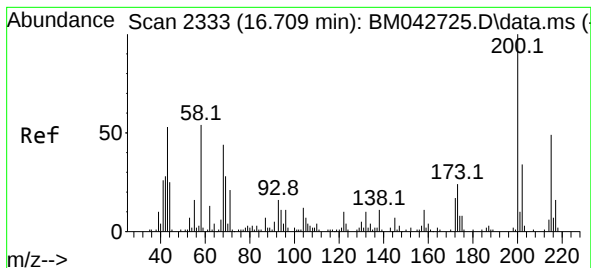


#69
Hexachlorobenzene
Concen: 50.532 ng/ul
RT: 16.510 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40



Tgt Ion:284 Resp: 161079
Ion Ratio Lower Upper
284 100
142 34.1 30.5 45.7
249 31.5 25.3 37.9





#70

Atrazine

Concen: 48.043 ng/ul

RT: 16.710 min Scan# 2333

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:200 Resp: 113700

Ion Ratio Lower Upper

200 100

173 22.6 19.8 29.6

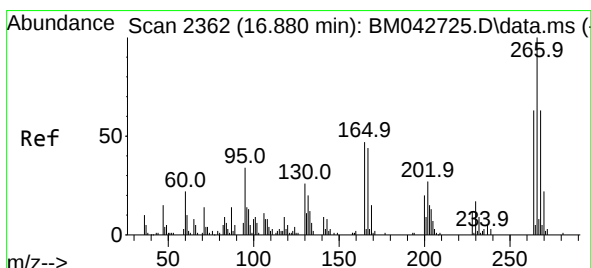
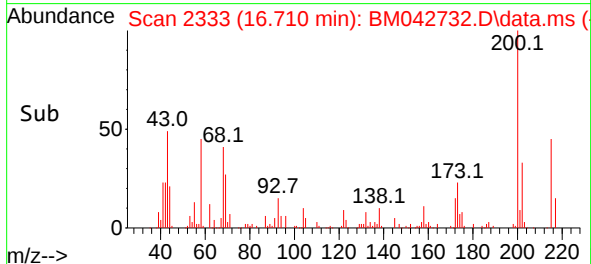
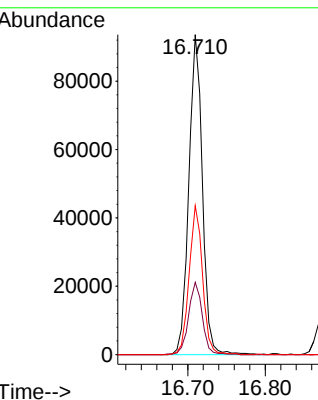
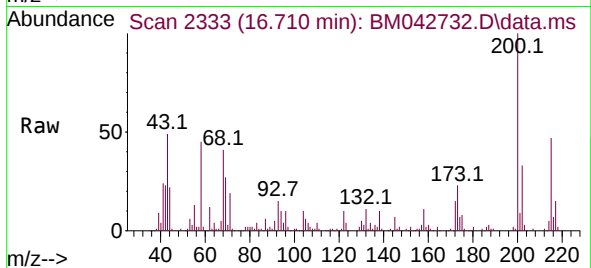
215 46.5 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#71

Pentachlorophenol

Concen: 52.398 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

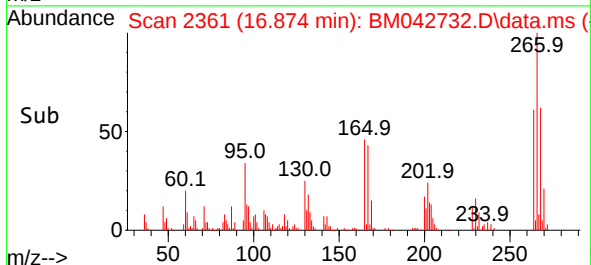
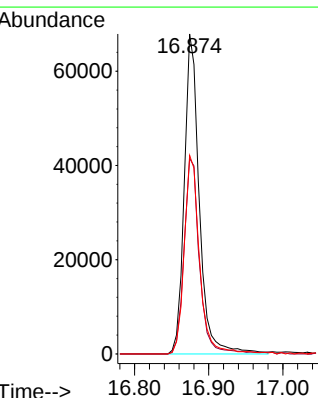
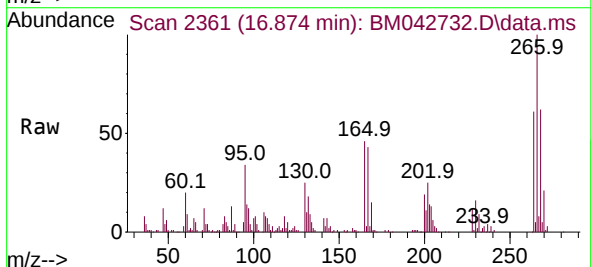
Tgt Ion:266 Resp: 96181

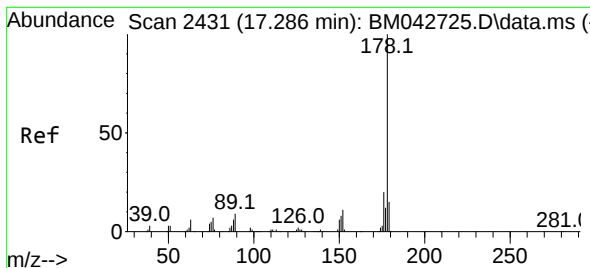
Ion Ratio Lower Upper

266 100

264 61.1 50.3 75.5

268 62.0 52.1 78.1





#72

Phenanthrene

Concen: 52.631 ng/uI

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:178 Resp: 644101

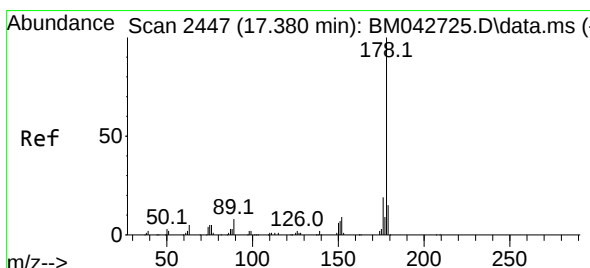
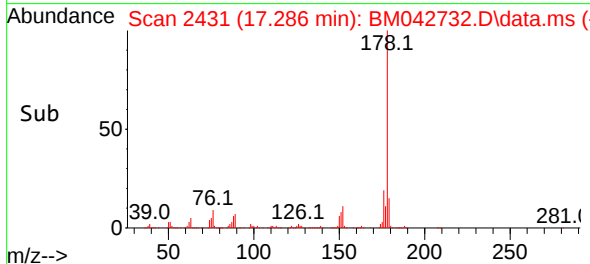
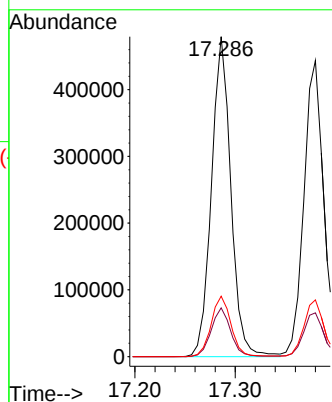
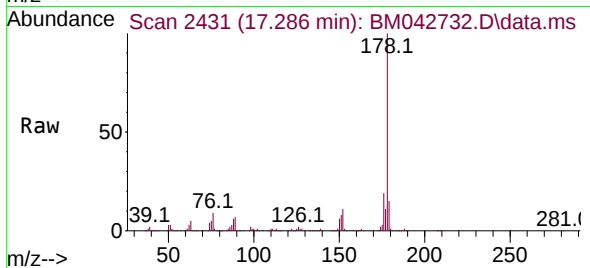
Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.4	17.2
176	18.9	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#74

Anthracene

Concen: 50.051 ng/uI

RT: 17.380 min Scan# 2447

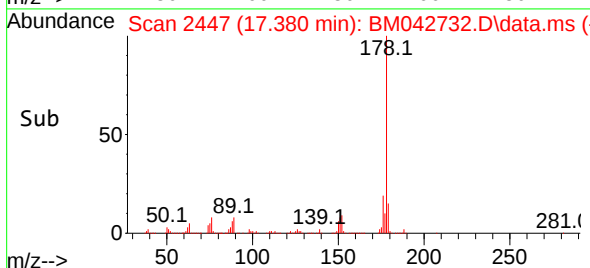
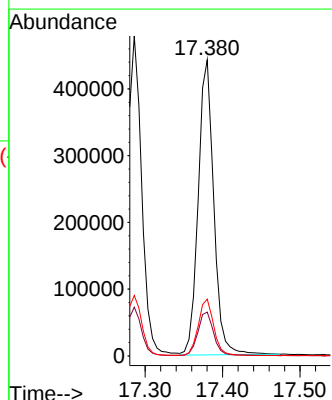
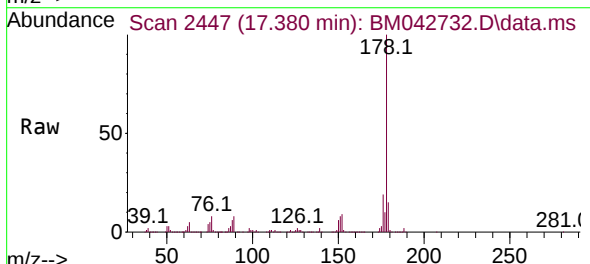
Delta R.T. -0.006 min

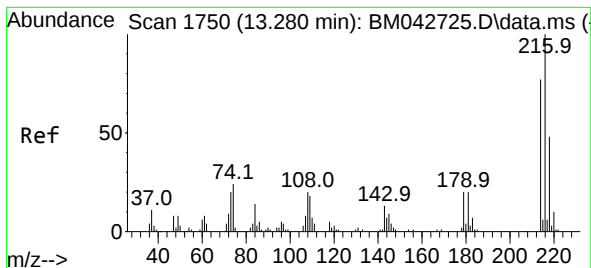
Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:178 Resp: 616110

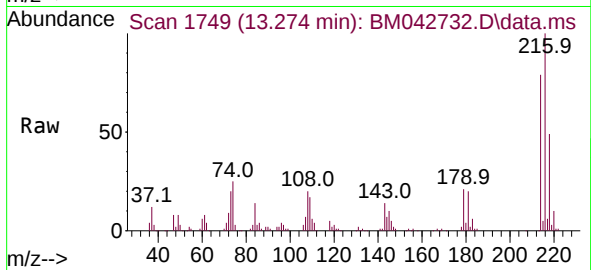
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.0	18.0
176	19.1	15.7	23.5





#75
1,2,3,4-Tetrachlorobenzene
Concen: 41.228 ng/uL
RT: 13.274 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

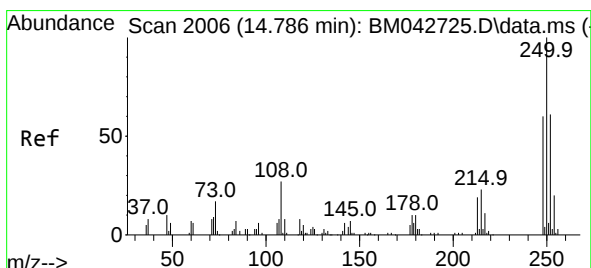
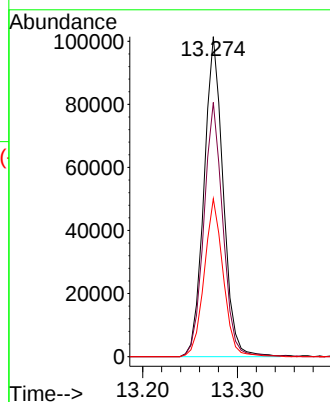
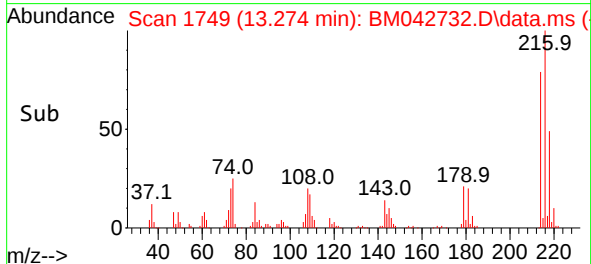
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



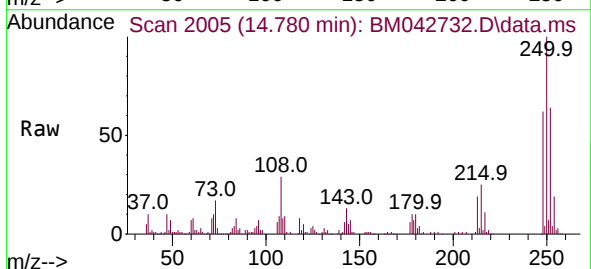
Tgt Ion:216 Resp: 142811
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
218 49.3 39.3 58.9

Manual Integrations
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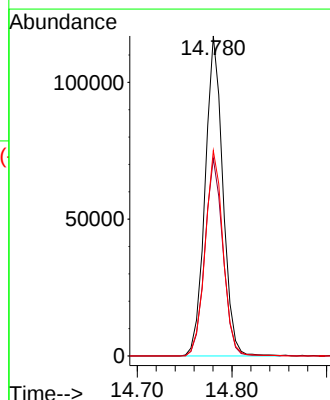
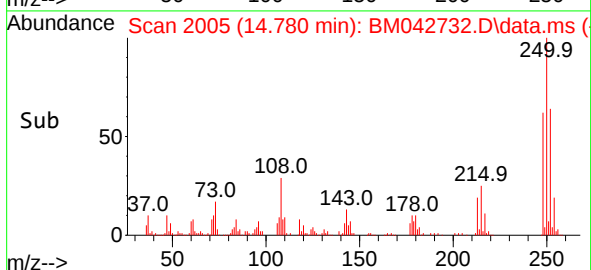
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

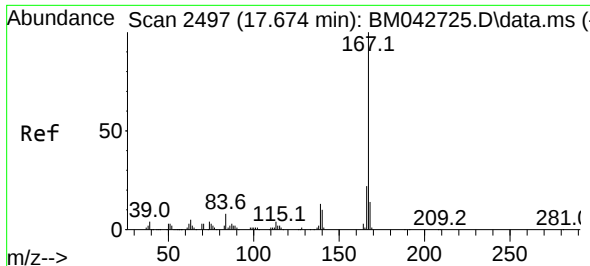


#76
Pentachlorobenzene
Concen: 41.793 ng/uL
RT: 14.780 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40



Tgt Ion:250 Resp: 151898
Ion Ratio Lower Upper
250 100
248 61.7 51.0 76.6
252 64.1 51.8 77.8





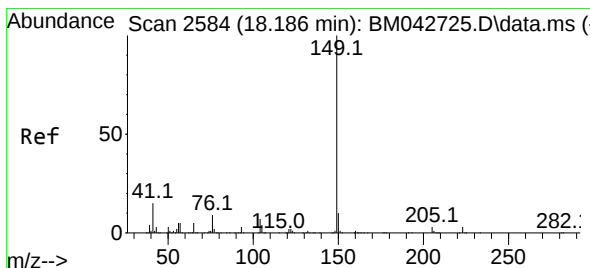
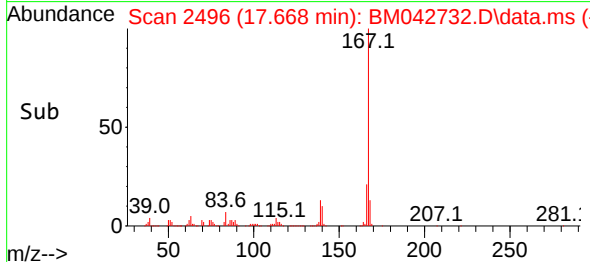
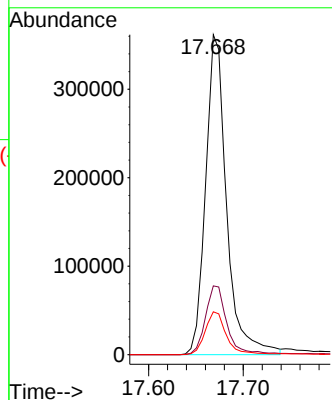
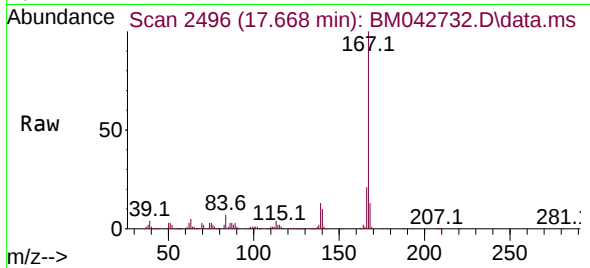
#77
 Carbazole
 Concen: 54.791 ng/ul
 RT: 17.668 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BM042732.D
 Acq: 14 Nov 2023 13:40

Instrument :
 BNA_M
 ClientSampleId :
 A49A1MSD

Tgt Ion:167 Resp: 556918
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.4 10.8 16.2

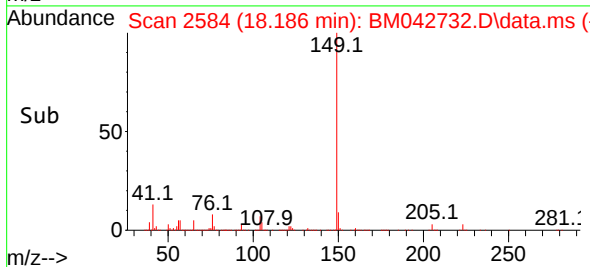
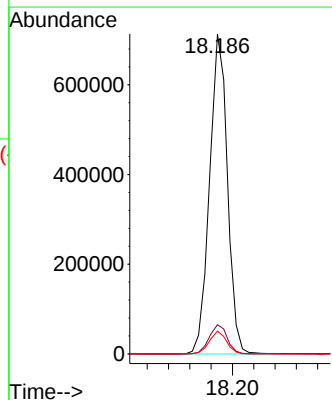
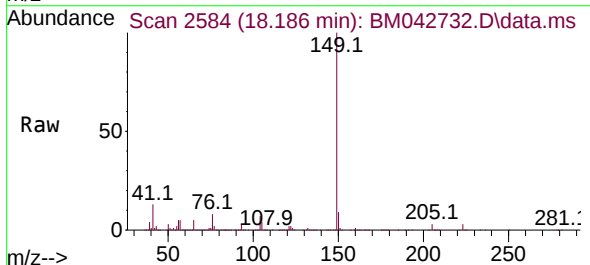
Manual Integrations
 APPROVED

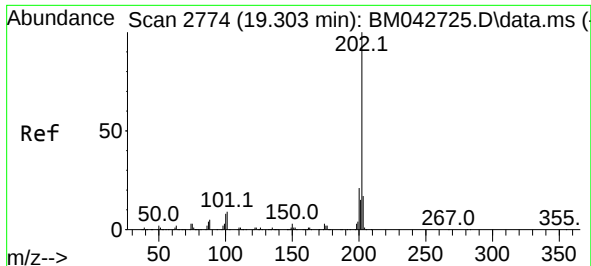
Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :mohammad ahmed 11/19/2023



#78
 Di-n-butylphthalate
 Concen: 55.713 ng/ul
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM042732.D
 Acq: 14 Nov 2023 13:40

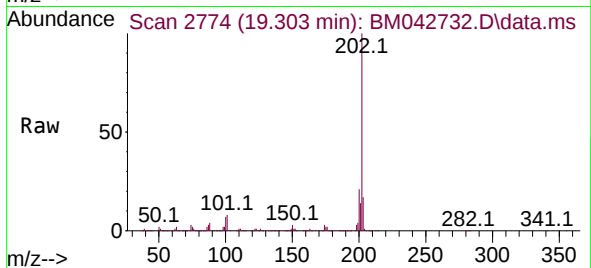
Tgt Ion:149 Resp: 828086
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 7.1 5.3 7.9





#80
Fluoranthene
Concen: 53.366 ng/u1
RT: 19.303 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

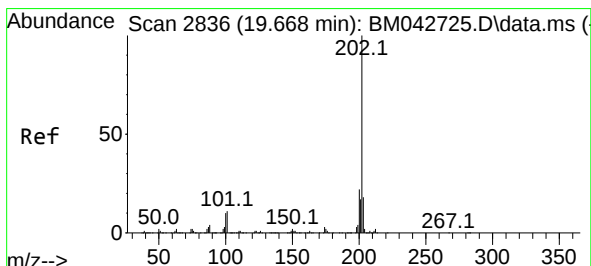
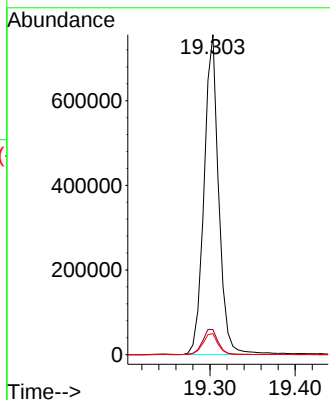
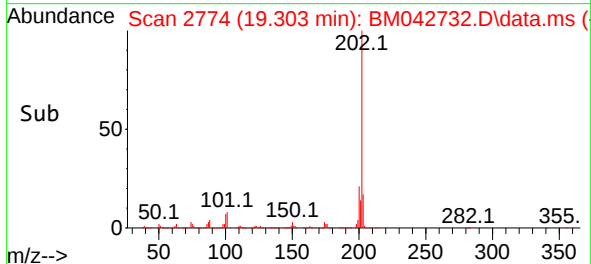
Instrument :
BNA_M
ClientSampleId :
A49A1MSD



Tgt Ion:202 Resp: 901211
Ion Ratio Lower Upper
202 100
101 7.8 6.6 9.8
100 6.6 5.6 8.4

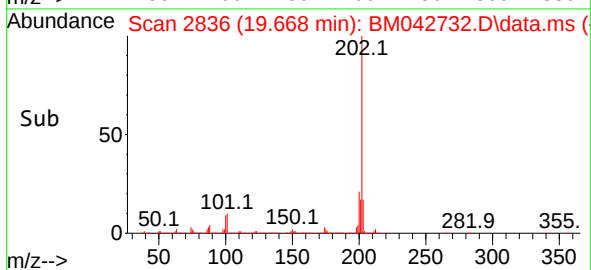
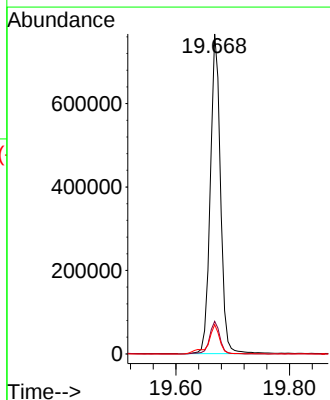
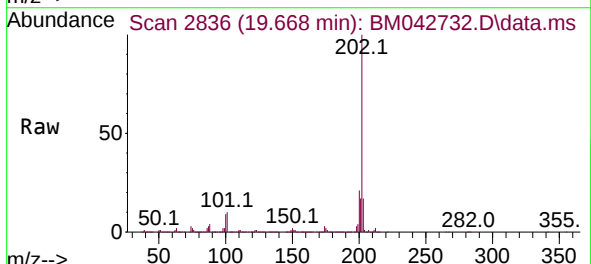
Manual Integrations
APPROVED

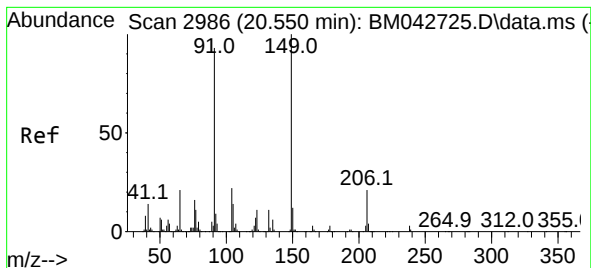
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#82
Pyrene
Concen: 53.659 ng/u1
RT: 19.668 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM042732.D
Acq: 14 Nov 2023 13:40

Tgt Ion:202 Resp: 960804
Ion Ratio Lower Upper
202 100
101 10.2 8.1 12.1
100 9.1 6.9 10.3





#83

Butylbenzylphthalate

Concen: 52.542 ng/ul

RT: 20.550 min Scan# 2986

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

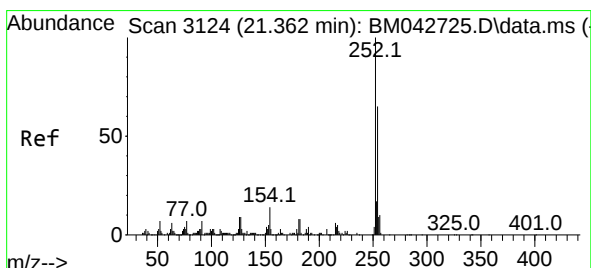
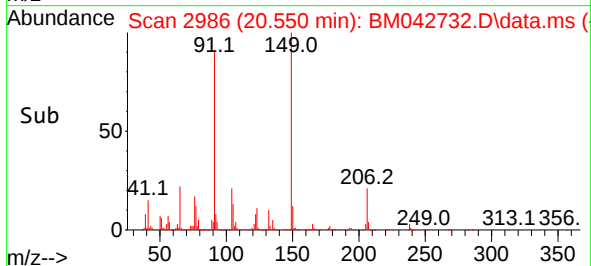
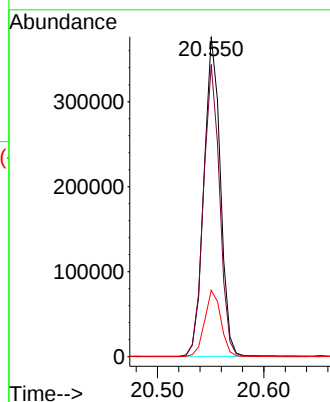
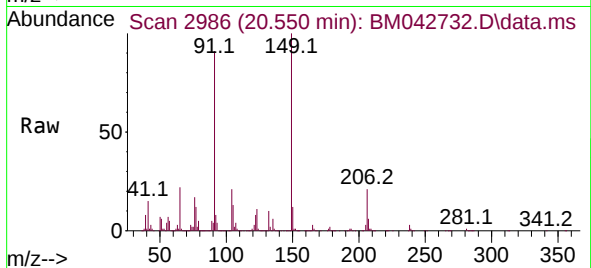
Tgt Ion:	149	Resp:	40184
Ion Ratio	Lower	Upper	
149	100		
91	91.3	69.3	103.9
206	20.7	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#84

3,3'-Dichlorobenzidine

Concen: 33.701 ng/ul

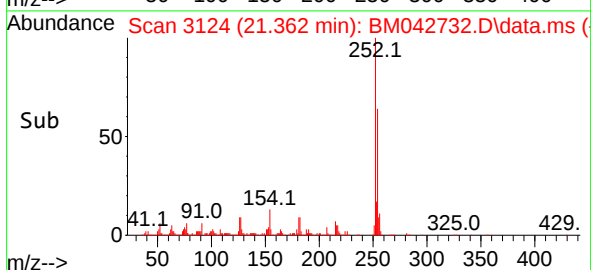
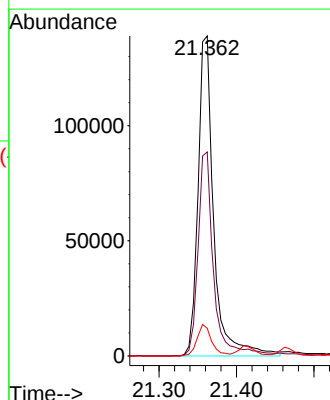
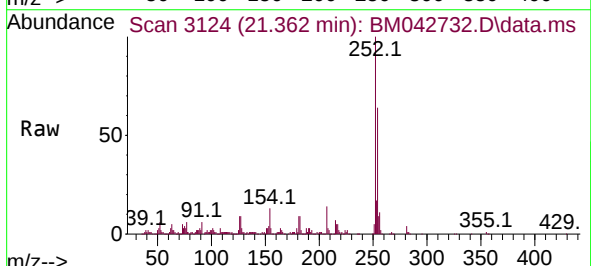
RT: 21.362 min Scan# 3124

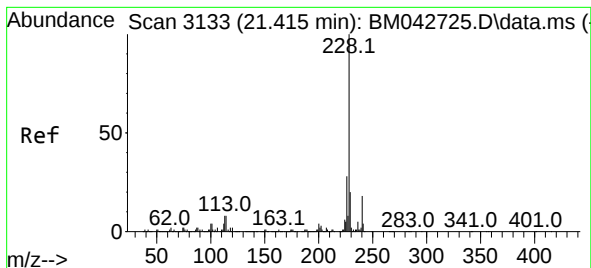
Delta R.T. -0.000 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:	252	Resp:	195081
Ion Ratio	Lower	Upper	
252	100		
254	63.7	51.8	77.6
126	8.6	7.8	11.8





#85

Benzo(a)anthracene

Concen: 54.890 ng/ul

RT: 21.415 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:228 Resp: 974556

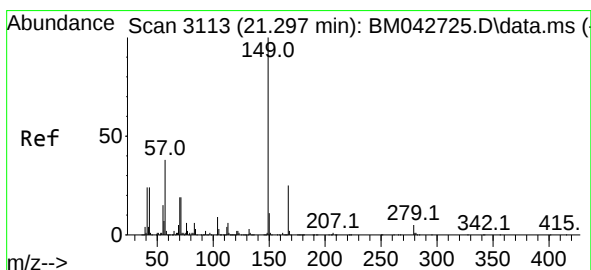
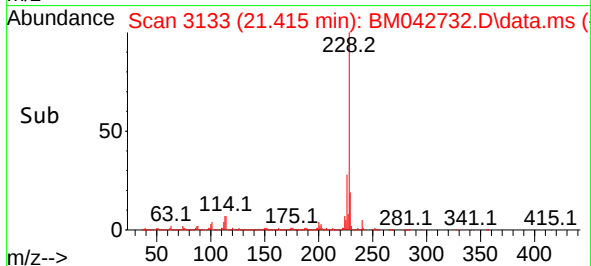
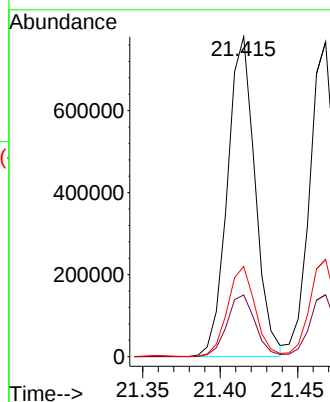
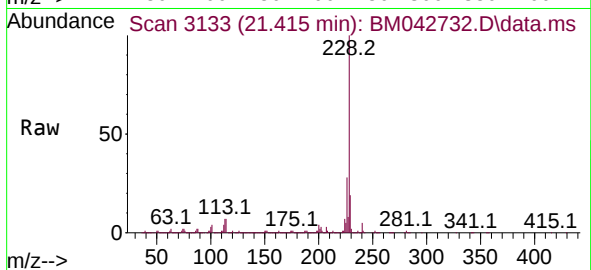
Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.6
226	28.2	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 51.728 ng/ul

RT: 21.297 min Scan# 3113

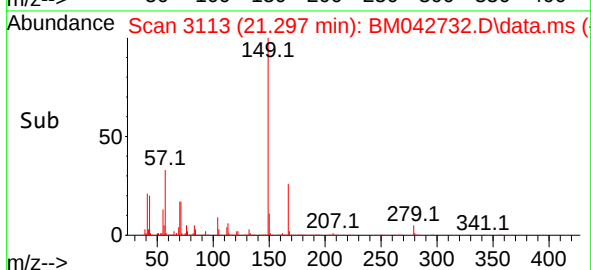
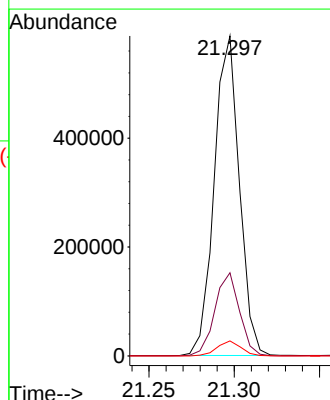
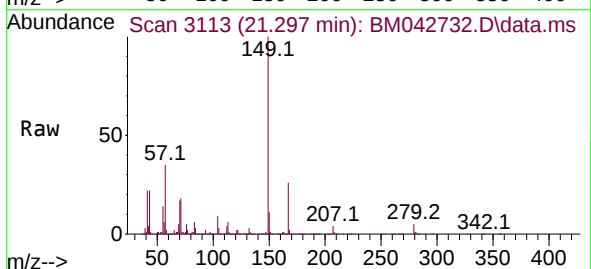
Delta R.T. -0.000 min

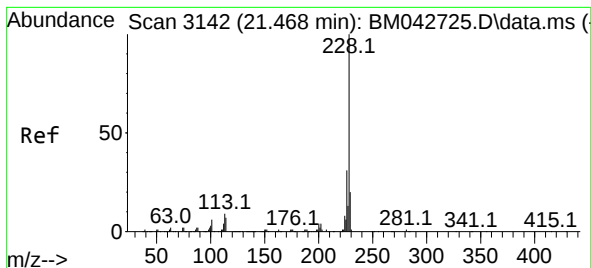
Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:149 Resp: 600237

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	31.0
279	4.7	3.5	5.3





#87

Chrysene

Concen: 54.124 ng/ul

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:228 Resp: 931950

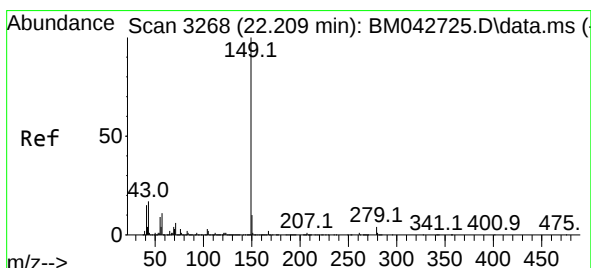
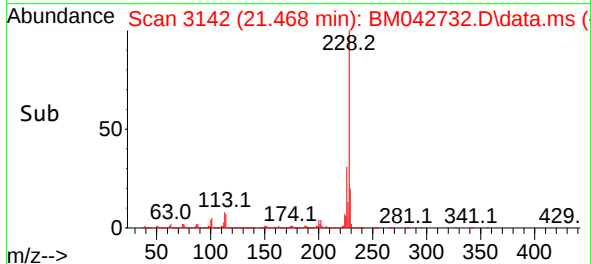
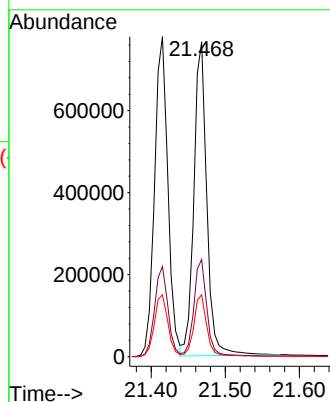
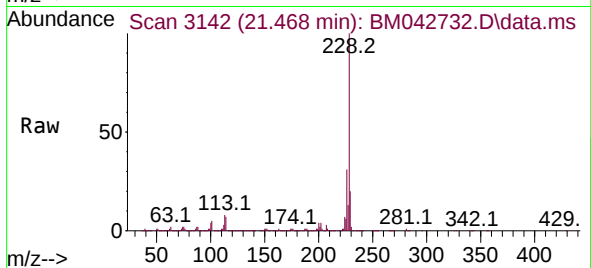
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	19.6	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#89

Di-n-octyl phthalate

Concen: 53.767 ng/ul

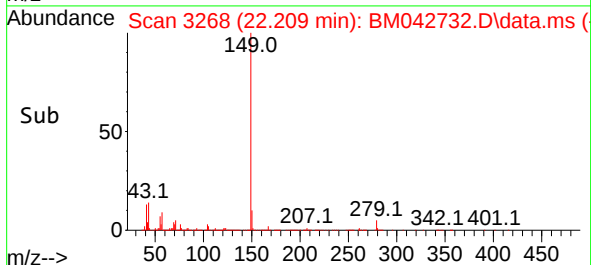
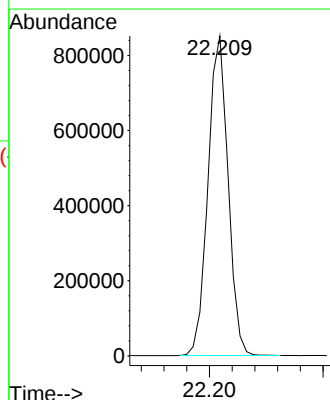
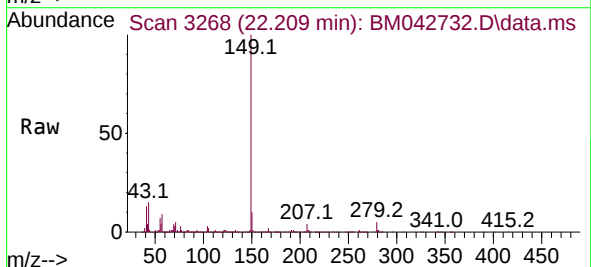
RT: 22.209 min Scan# 3268

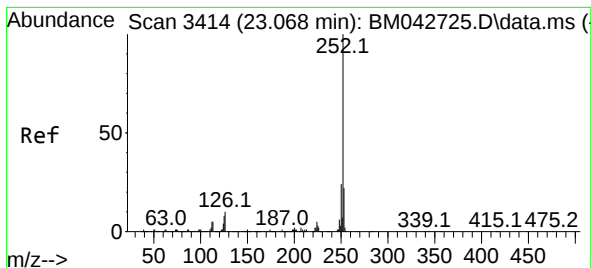
Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:149 Resp: 1045668





#90

Benzo(b)fluoranthene

Concen: 57.472 ng/ul

RT: 23.068 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

Tgt Ion:252 Resp: 944289

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

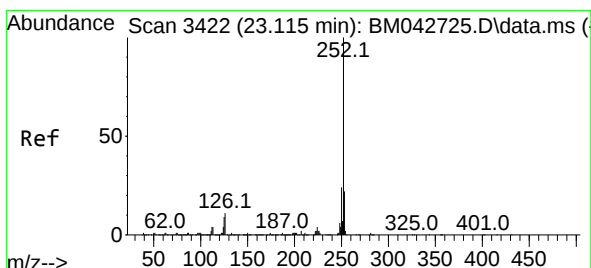
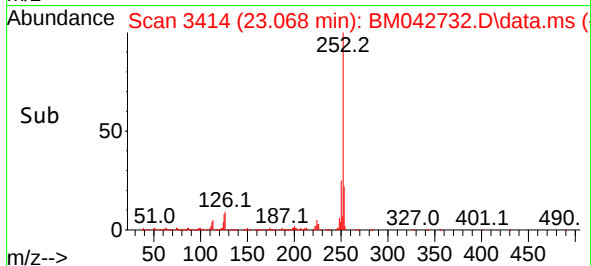
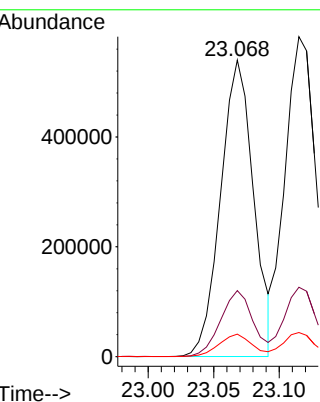
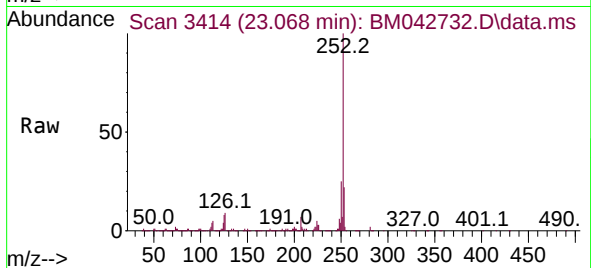
125 7.6 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#91

Benzo(k)fluoranthene

Concen: 55.639 ng/ul

RT: 23.115 min Scan# 3422

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

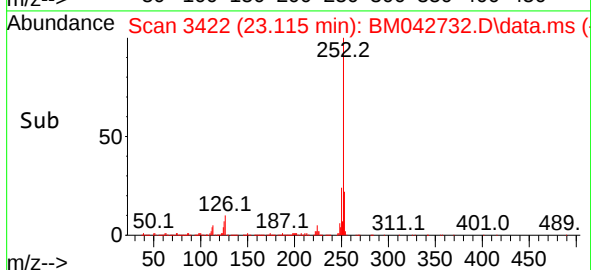
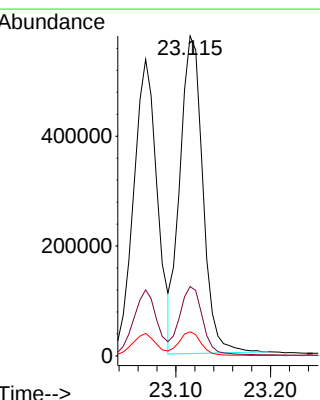
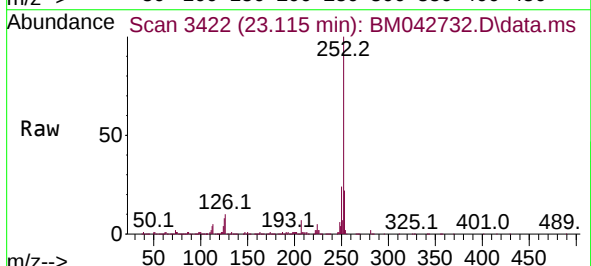
Tgt Ion:252 Resp: 973153

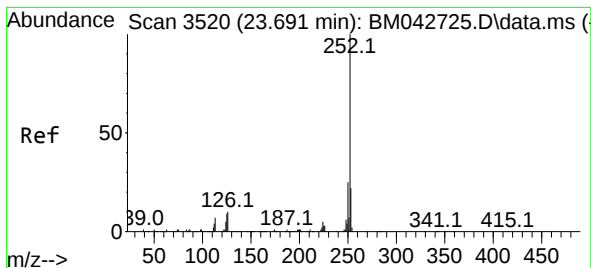
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.5 5.5 8.3





#93

Benzo(a)pyrene

Concen: 56.344 ng/ul

RT: 23.697 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

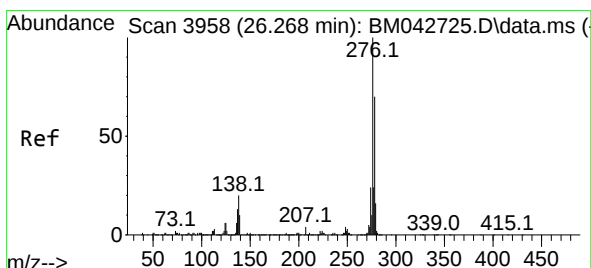
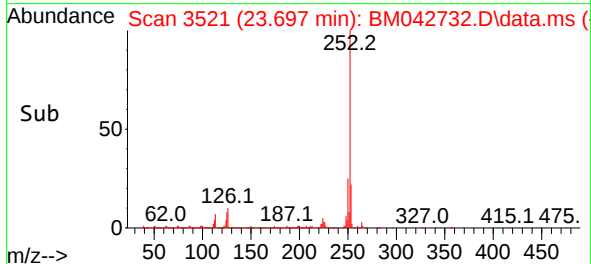
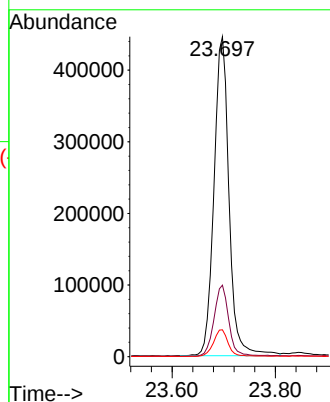
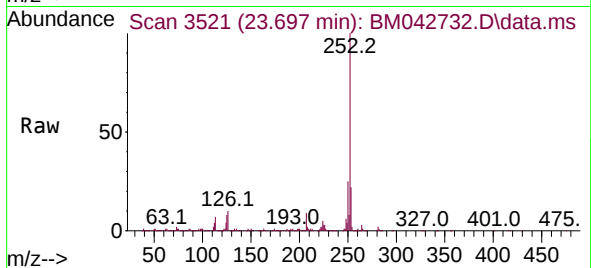
Tgt Ion:252 Resp: 902088
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.6
 125 8.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 57.220 ng/ul

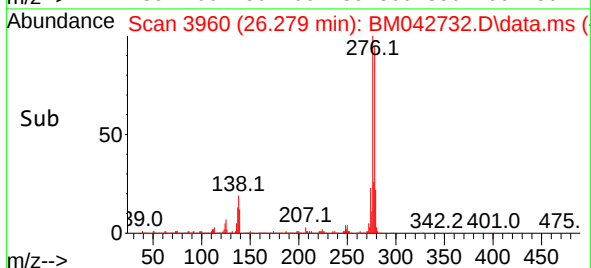
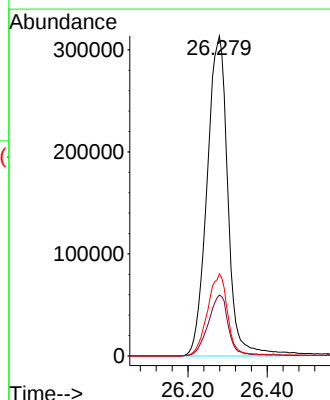
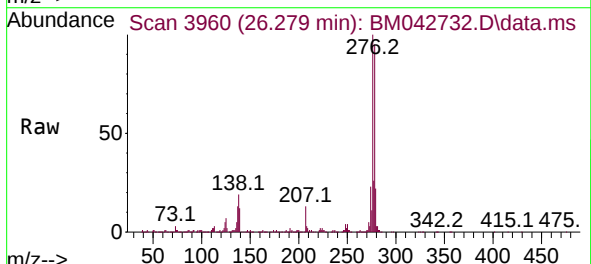
RT: 26.279 min Scan# 3960

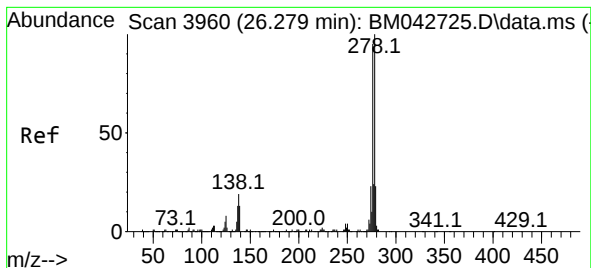
Delta R.T. -0.000 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:276 Resp: 1138549
 Ion Ratio Lower Upper
 276 100
 138 19.0 13.8 20.8
 277 25.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 57.952 ng/ul

RT: 26.285 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Instrument :

BNA_M

ClientSampleId :

A49A1MSD

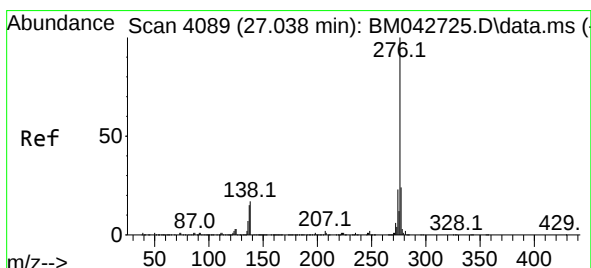
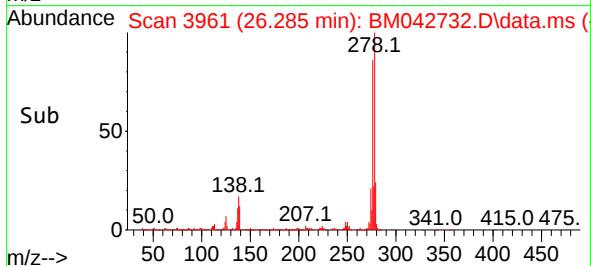
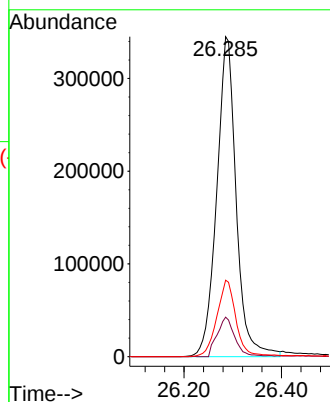
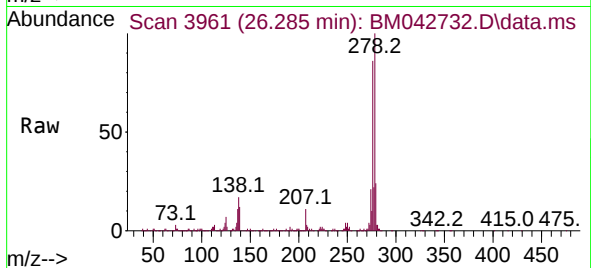
Tgt Ion:	278	Resp:	956004
Ion Ratio	Lower	Upper	
278	100		
139	12.3	9.0	13.4
279	23.9	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#96

Benzo(g,h,i)perylene

Concen: 55.678 ng/ul

RT: 27.044 min Scan# 4090

Delta R.T. -0.006 min

Lab File: BM042732.D

Acq: 14 Nov 2023 13:40

Tgt Ion:	276	Resp:	879725
Ion Ratio	Lower	Upper	
276	100		
138	15.7	13.0	19.6
277	23.8	18.4	27.6

