

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041337.D
 Acq On : 08 Aug 2023 20:28
 Operator : MA/JU
 Sample : 03919-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-36MSD

Quant Time: Aug 09 01:19:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	108419	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	408359	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	218967	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	420989	20.000	ng	0.00
76) Chrysene-d12	21.415	240	378488	20.000	ng	0.00
86) Perylene-d12	23.780	264	461747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	720271	99.291	ng	0.00
7) Phenol-d6	6.963	99	891699	94.831	ng	0.00
23) Nitrobenzene-d5	8.957	82	589854	67.173	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	316964	102.340	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1154016	66.577	ng	0.00
79) Terphenyl-d14	19.845	244	1402779	67.011	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	130538	42.065	ng	96
3) Pyridine	3.658	79	319311	39.134	ng	97
4) n-Nitrosodimethylamine	3.575	42	169356	44.878	ng	97
6) Aniline	7.116	93	304733	27.692	ng	100
8) 2-Chlorophenol	7.346	128	354463	50.053	ng	99
9) Benzaldehyde	6.928	77	190126m	38.319	ng	
10) Phenol	6.993	94	442116	48.681	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	355090	48.302	ng	99
12) 1,3-Dichlorobenzene	7.663	146	408852	53.038	ng	99
13) 1,4-Dichlorobenzene	7.816	146	414991	53.560	ng	99
14) 1,2-Dichlorobenzene	8.128	146	395397	53.223	ng	99
15) Benzyl Alcohol	8.040	79	325921	54.886	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	444539	45.385	ng	95
17) 2-Methylphenol	8.240	107	289936	46.729	ng	98
18) Hexachloroethane	8.845	117	159464	55.282	ng	96
19) n-Nitroso-di-n-propyla...	8.598	70	281818	49.343	ng	98
20) 3+4-Methylphenols	8.569	107	387058	46.656	ng	99
22) Acetophenone	8.616	105	533084	49.291	ng	# 99
24) Nitrobenzene	8.998	77	423789	47.723	ng	98
25) Isophorone	9.522	82	731498	49.074	ng	100
26) 2-Nitrophenol	9.710	139	190550	54.891	ng	95
27) 2,4-Dimethylphenol	9.775	122	280018	45.840	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	439080	47.025	ng	100
29) 2,4-Dichlorophenol	10.245	162	318762	51.745	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	367907	54.056	ng	99
31) Naphthalene	10.634	128	1053303	47.532	ng	100
32) Benzoic acid	9.945	122	219501	47.867	ng	98
33) 4-Chloroaniline	10.775	127	86266	9.741	ng	99
34) Hexachlorobutadiene	10.904	225	235789	57.603	ng	100
35) Caprolactam	11.586	113	85331	47.884	ng	# 83
36) 4-Chloro-3-methylphenol	11.904	107	313753	48.391	ng	98
37) 2-Methylnaphthalene	12.257	142	690367	46.210	ng	99
38) 1-Methylnaphthalene	12.475	142	666426	47.661	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	389718	54.812	ng	98
41) Hexachlorocyclopentadiene	12.592	237	419189	111.440	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	246427	54.075	ng	98

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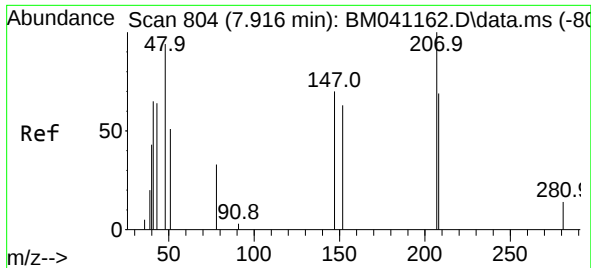
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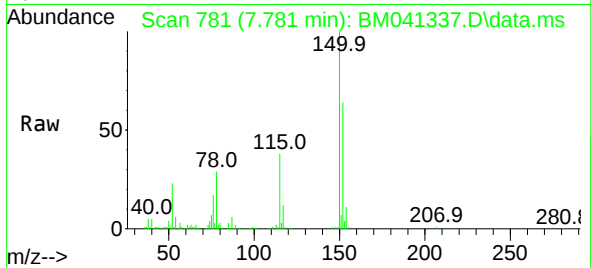
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	261578	49.592	ng	95
46) 1,1'-Biphenyl	13.275	154	889979	50.136	ng	99
47) 2-Chloronaphthalene	13.316	162	696908	52.579	ng	99
48) 2-Nitroaniline	13.545	65	208434	49.266	ng	97
49) Acenaphthylene	14.169	152	1085999	50.763	ng	100
50) Dimethylphthalate	13.916	163	799518	48.541	ng	100
51) 2,6-Dinitrotoluene	14.045	165	174758	51.206	ng	100
52) Acenaphthene	14.510	154	624737	48.474	ng	100
53) 3-Nitroaniline	14.380	138	102161	27.057	ng	97
54) 2,4-Dinitrophenol	14.598	184	210912	90.675	ng	92
55) Dibenzofuran	14.851	168	1004566	47.774	ng	99
56) 4-Nitrophenol	14.704	139	272116	95.670	ng	95
57) 2,4-Dinitrotoluene	14.839	165	230400	47.315	ng	97
58) Fluorene	15.504	166	789350	47.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	221748	51.917	ng	97
60) Diethylphthalate	15.280	149	774406	48.618	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	408761	49.174	ng	98
62) 4-Nitroaniline	15.551	138	153777	42.744	ng	96
63) Azobenzene	15.792	77	815122	46.718	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	131771	51.668	ng	89
66) n-Nitrosodiphenylamine	15.721	169	649629	49.616	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	241441	52.307	ng	99
68) Hexachlorobenzene	16.504	284	283174	55.172	ng	99
69) Atrazine	16.680	200	225159	65.483	ng	99
70) Pentachlorophenol	16.863	266	309669	87.130	ng	100
71) Phenanthrene	17.251	178	1141748	48.813	ng	100
72) Anthracene	17.345	178	1144421	49.470	ng	100
73) Carbazole	17.627	167	1016175	48.532	ng	100
74) Di-n-butylphthalate	18.180	149	1263457	53.400	ng	100
75) Fluoranthene	19.274	202	1270828	48.360	ng	100
77) Benzidine	19.480	184	503570	97.615	ng	99
78) Pyrene	19.645	202	1341074	50.667	ng	99
80) Butylbenzylphthalate	20.545	149	539912	55.859	ng	100
81) Benzo(a)anthracene	21.398	228	1295011	50.471	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	377251	45.058	ng	99
83) Chrysene	21.450	228	1187864	47.863	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	784049	50.916	ng	# 97
85) Di-n-octyl phthalate	22.233	149	1341169	54.902	ng	96
87) Indeno(1,2,3-cd)pyrene	26.233	276	1807918	53.255	ng	96
88) Benzo(b)fluoranthene	23.062	252	1393260	50.792	ng	98
89) Benzo(k)fluoranthene	23.109	252	1281510	45.672	ng	99
90) Benzo(a)pyrene	23.674	252	1234296	46.830	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1518663	53.633	ng	97
92) Benzo(g,h,i)perylene	26.980	276	1448408	52.277	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

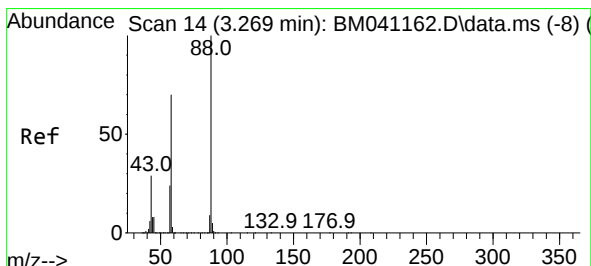
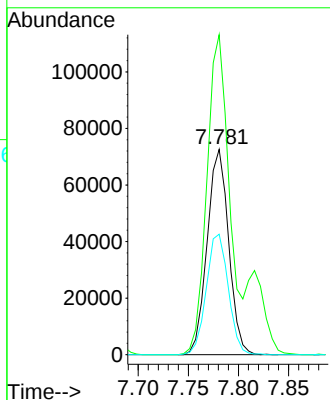
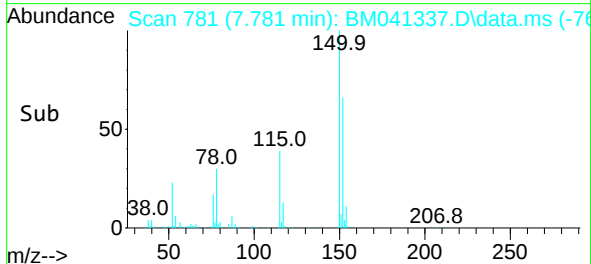
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:152 Resp: 108419
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 58.7 48.0 72.0

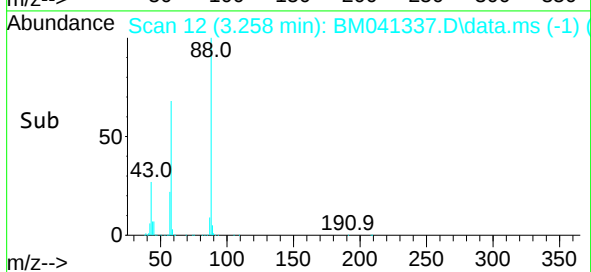
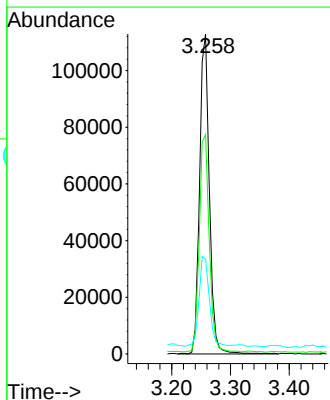
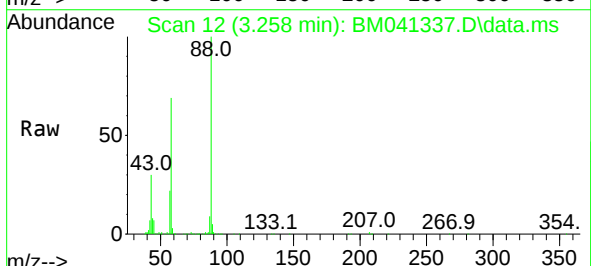
Manual Integrations
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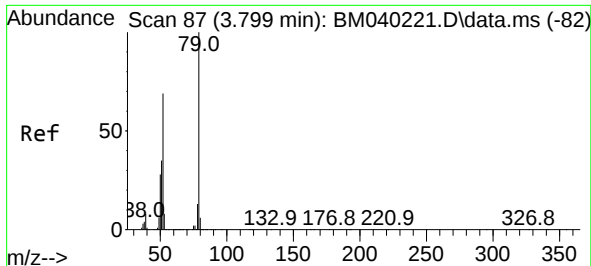
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#2
1,4-Dioxane
Concen: 42.065 ng
RT: 3.258 min Scan# 12
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

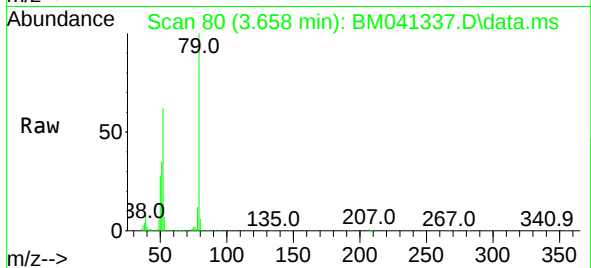
Tgt Ion: 88 Resp: 130538
Ion Ratio Lower Upper
88 100
58 69.1 58.2 87.4
43 29.7 24.4 36.6





#3
 Pyridine
 Concen: 39.134 ng
 RT: 3.658 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

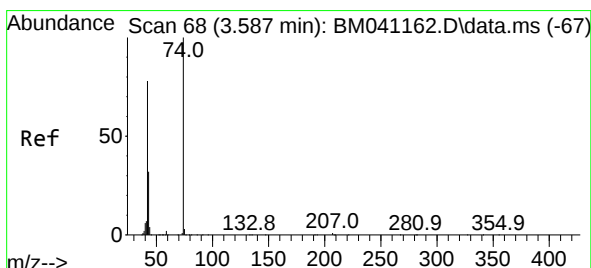
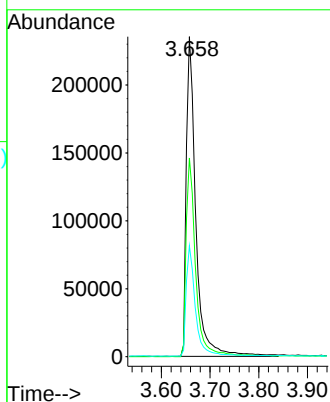
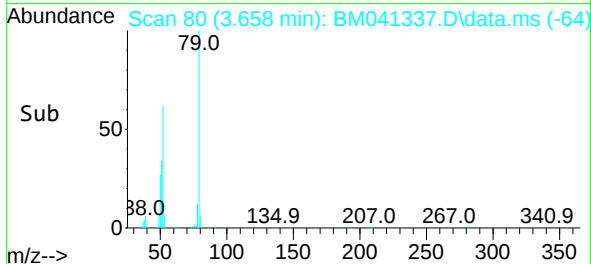
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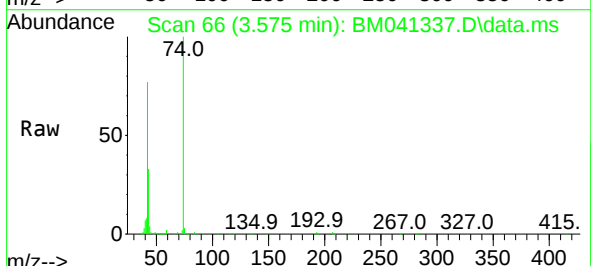
Tgt Ion: 79 Resp: 31931
 Ion Ratio Lower Upper
 79 100
 52 62.1 52.1 78.1
 51 34.7 27.5 41.3

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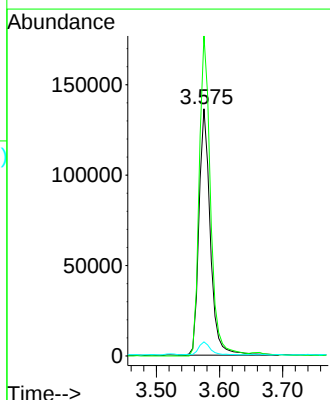
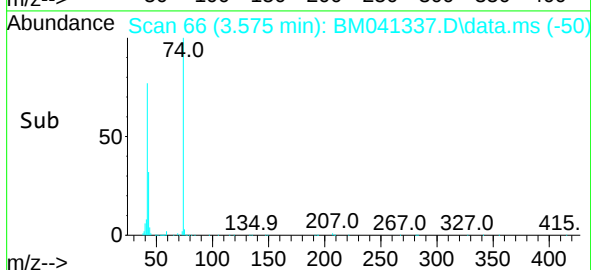
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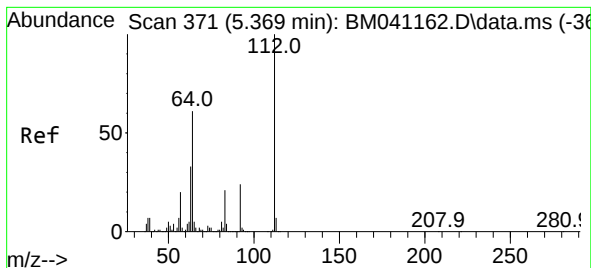


#4
 n-Nitrosodimethylamine
 Concen: 44.878 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28



Tgt Ion: 42 Resp: 169356
 Ion Ratio Lower Upper
 42 100
 74 129.4 100.8 151.2
 44 5.7 5.0 7.4





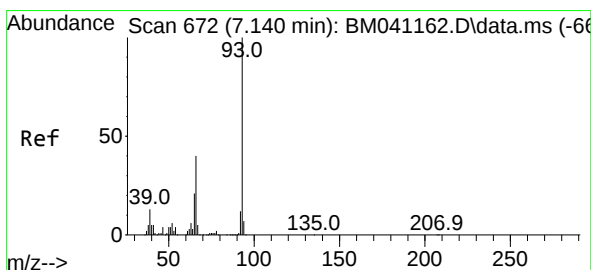
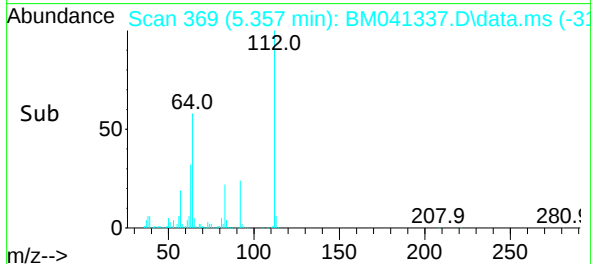
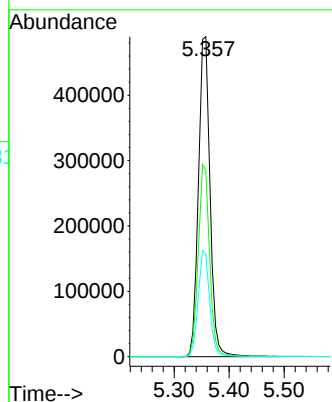
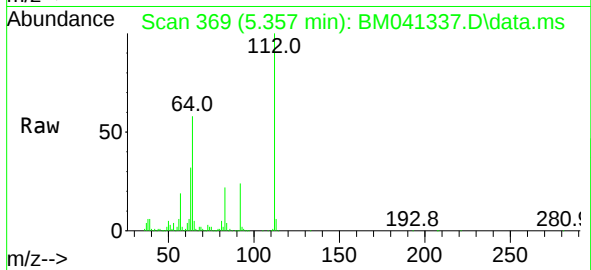
#5
2-Fluorophenol
Concen: 99.291 ng
RT: 5.357 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Instrument :
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ClientSampleId :
TP-36MSD

Tgt Ion:112 Resp: 72027
Ion Ratio Lower Upper
112 100
64 58.2 48.5 72.7
63 31.9 26.5 39.7

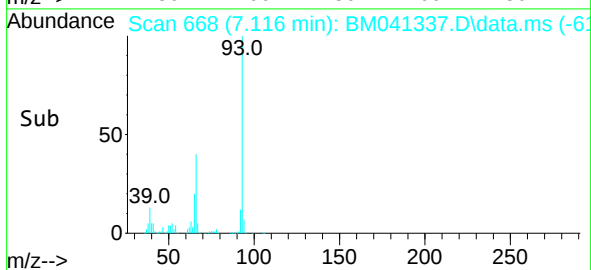
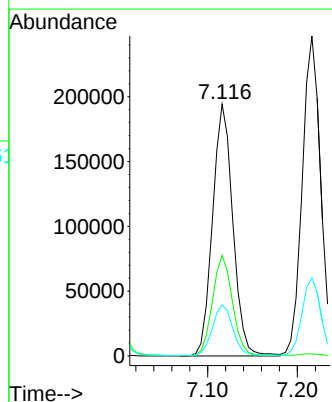
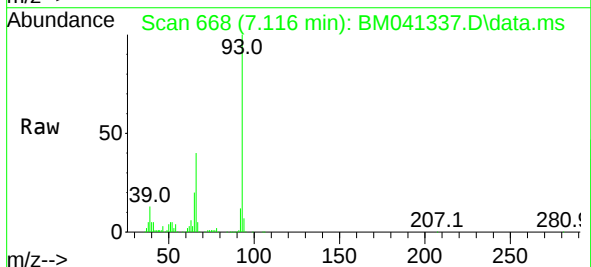
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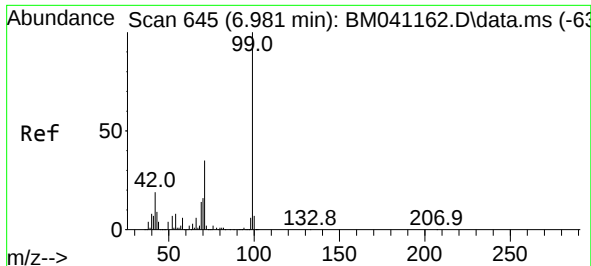
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#6
Aniline
Concen: 27.692 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

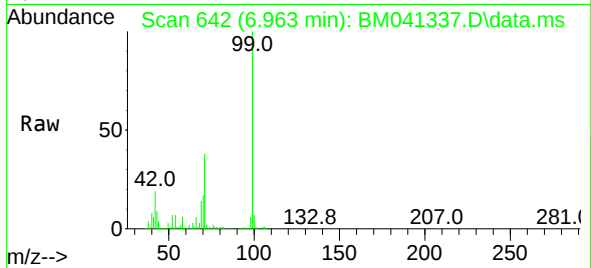
Tgt Ion: 93 Resp: 304733
Ion Ratio Lower Upper
93 100
66 39.9 32.0 48.0
65 20.3 16.6 24.8





#7
Phenol-d6
Concen: 94.831 ng
RT: 6.963 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

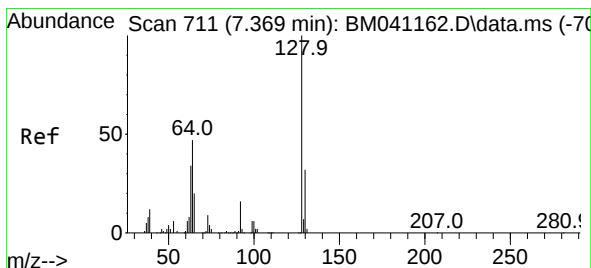
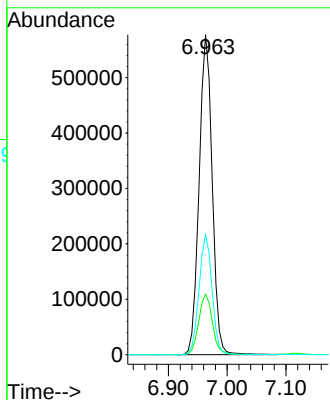
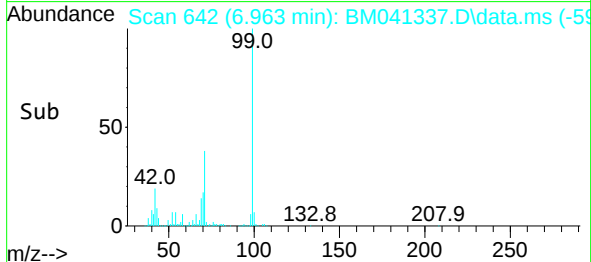
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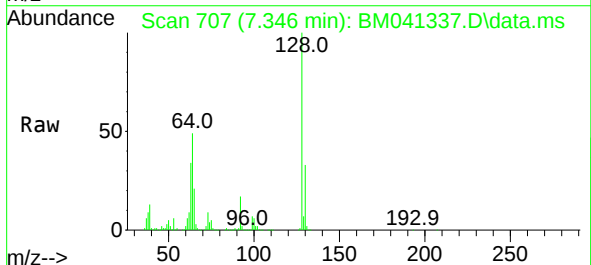
Tgt Ion: 99 Resp: 891699
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 37.5 28.2 42.4

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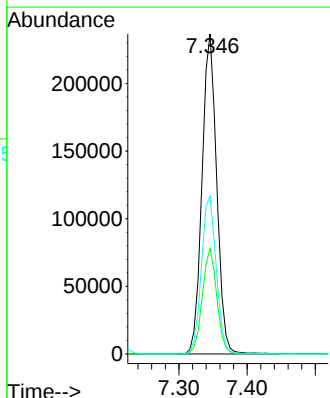
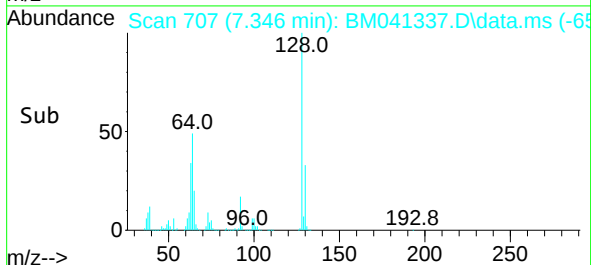
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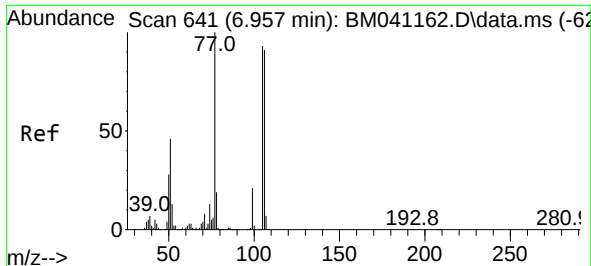


#8
2-Chlorophenol
Concen: 50.053 ng
RT: 7.346 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



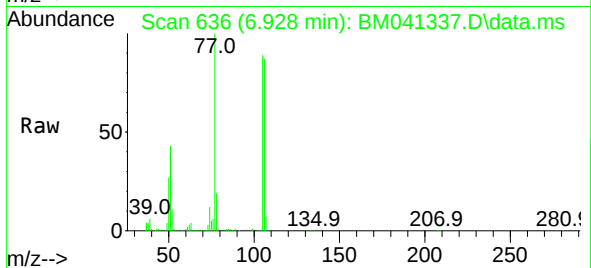
Tgt Ion:128 Resp: 354463
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 49.2 29.3 69.3





#9
Benzaldehyde
Concen: 38.319 ng m
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

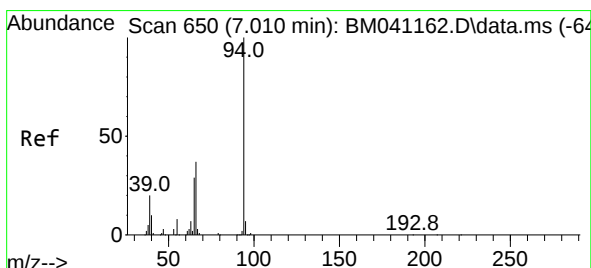
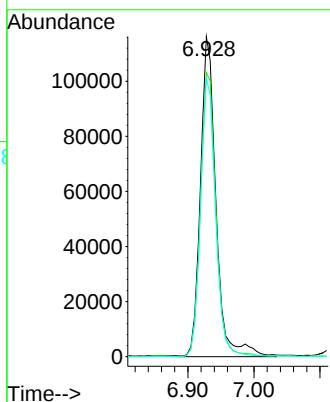
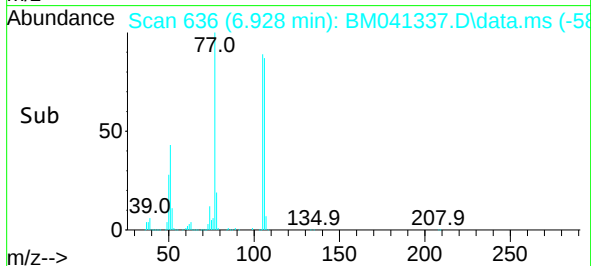
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion: 77 Resp: 190120
Ion Ratio Lower Upper
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105 88.8 72.8 112.8
106 86.9 70.8 110.8

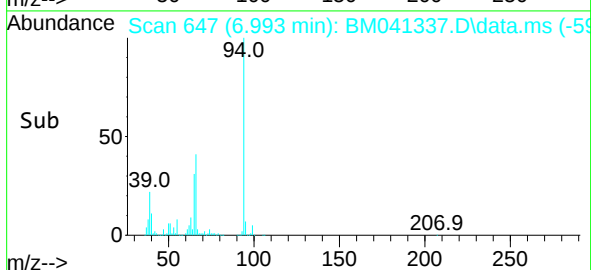
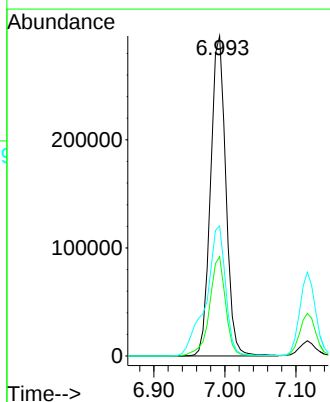
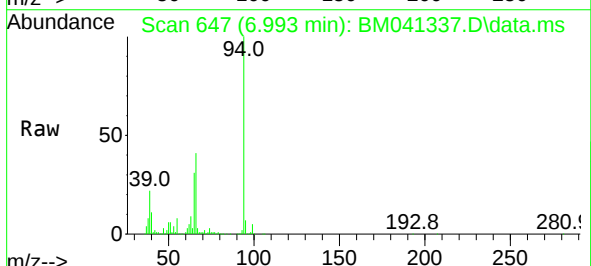
Manual Integrations
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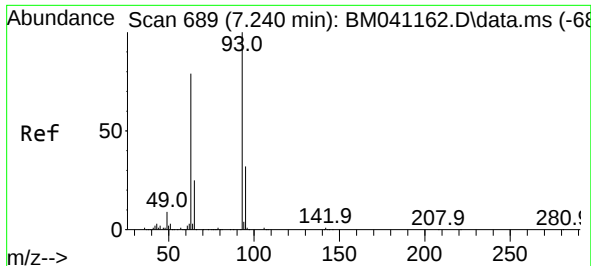
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 48.681 ng
RT: 6.993 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

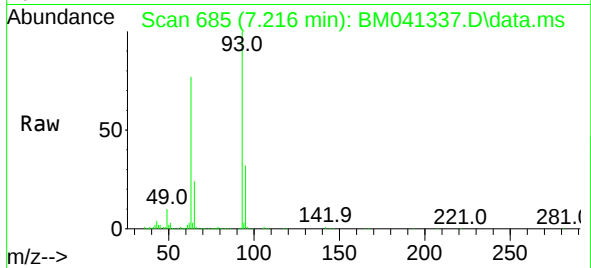
Tgt Ion: 94 Resp: 442116
Ion Ratio Lower Upper
94 100
65 31.0 9.5 49.5
66 40.6 18.0 58.0





#11
bis(2-Chloroethyl)ether
Concen: 48.302 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

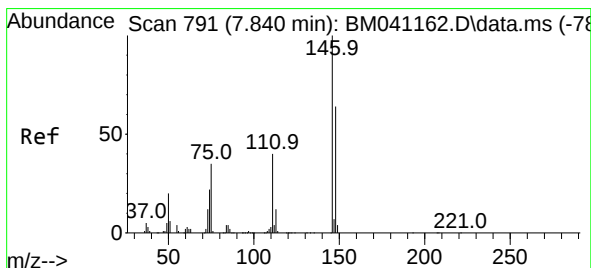
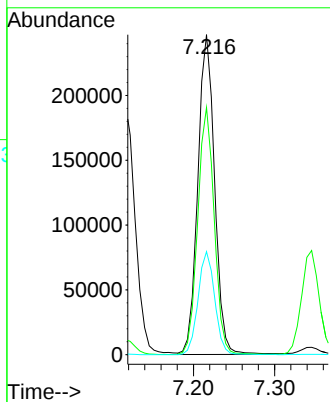
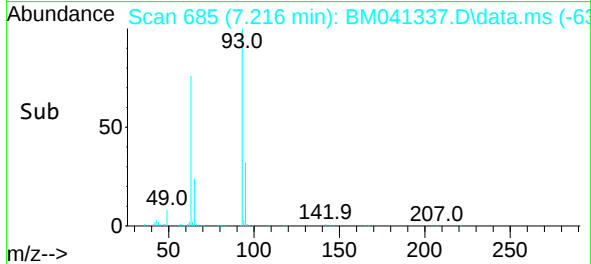
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion: 93 Resp: 355090
Ion Ratio Lower Upper
93 100
63 77.2 58.8 98.8
95 32.2 11.8 51.8

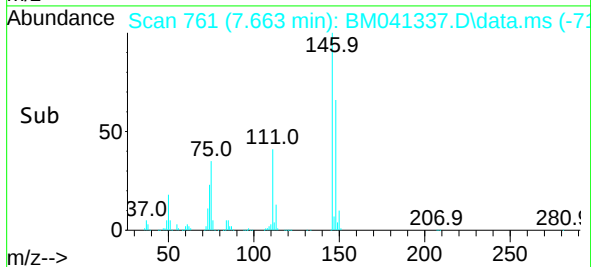
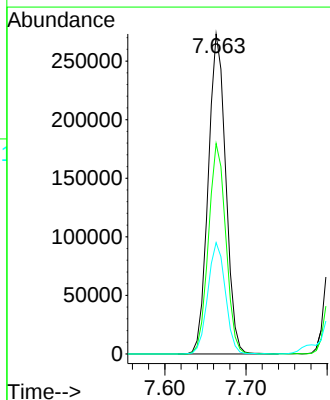
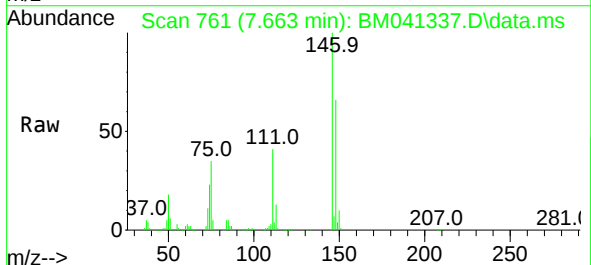
Manual Integrations
APPROVED

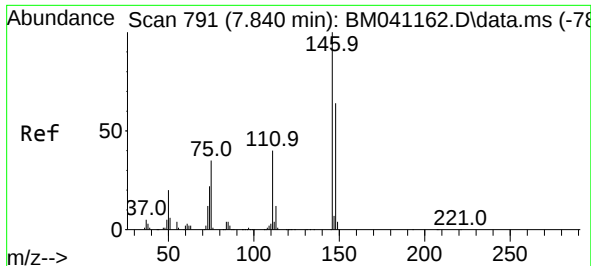
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#12
1,3-Dichlorobenzene
Concen: 53.038 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

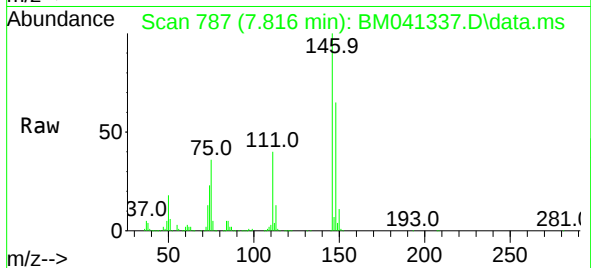
Tgt Ion:146 Resp: 408852
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 34.8 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 53.560 ng
RT: 7.816 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

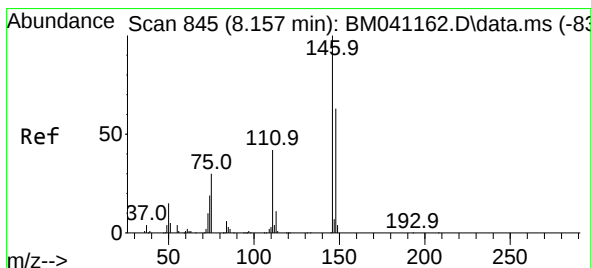
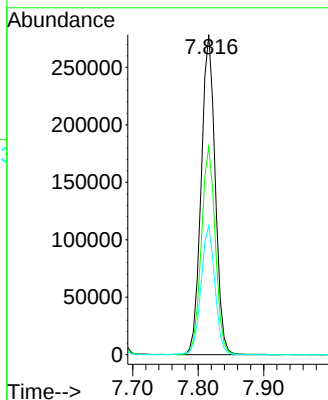
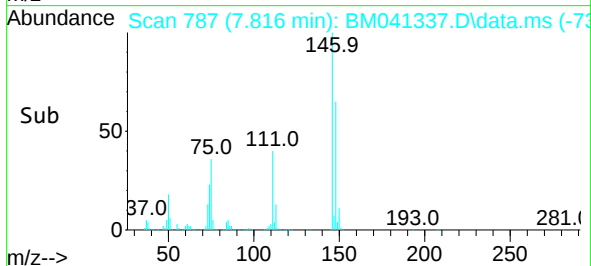
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



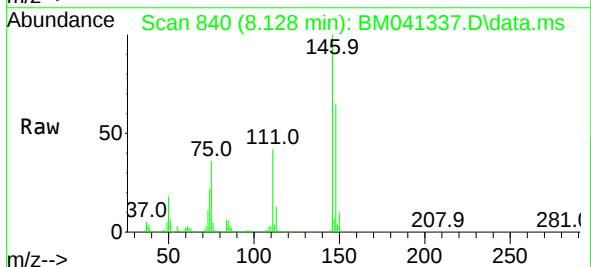
Tgt Ion:146 Resp: 41499
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 40.3 32.4 48.6

Manual Integrations
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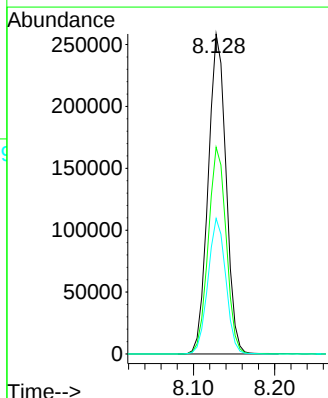
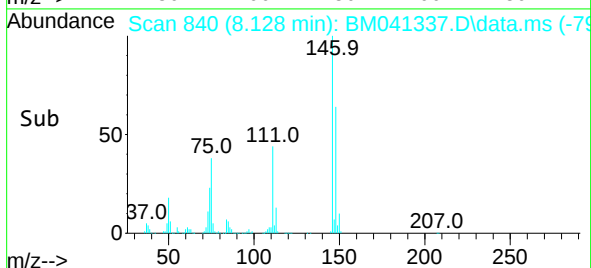
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

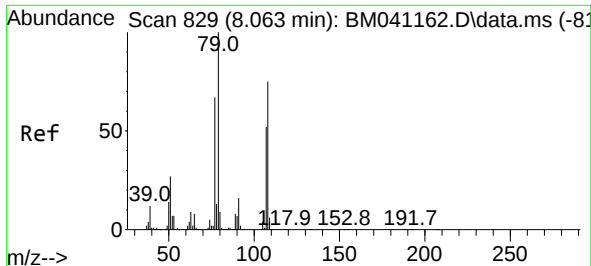


#14
1,2-Dichlorobenzene
Concen: 53.223 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



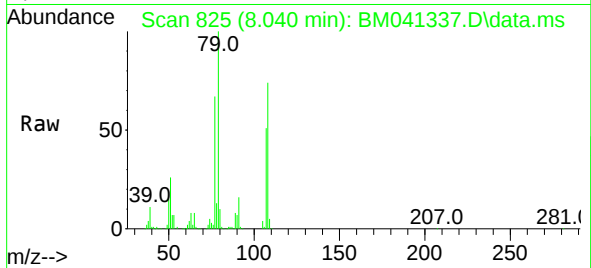
Tgt Ion:146 Resp: 395397
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
111 42.4 33.8 50.6





#15
Benzyl Alcohol
Concen: 54.886 ng
RT: 8.040 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

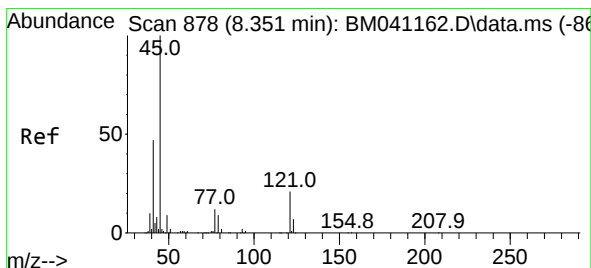
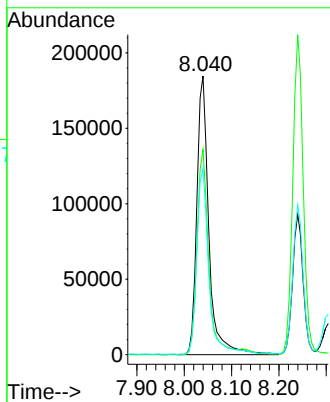
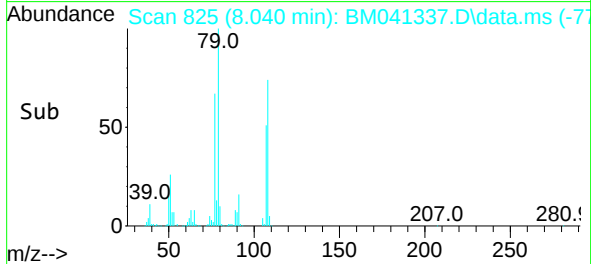
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



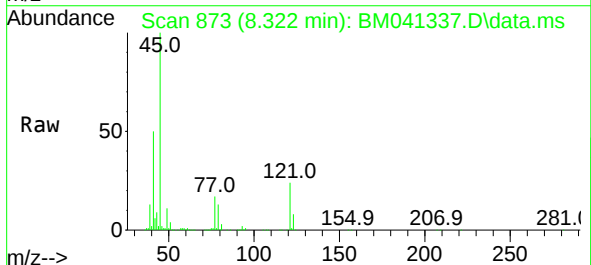
Tgt Ion: 79 Resp: 32592
Ion Ratio Lower Upper
79 100
108 73.7 59.8 89.8
77 66.7 53.8 80.6

Manual Integrations
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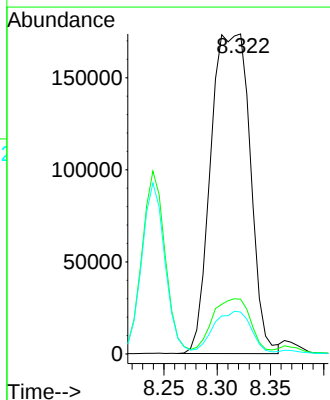
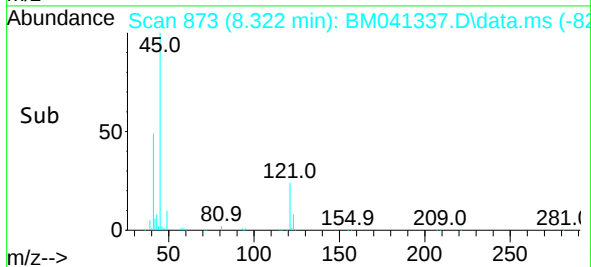
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

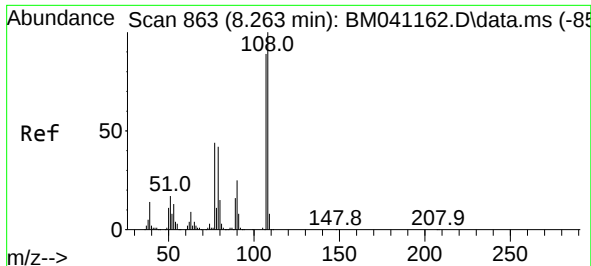


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.385 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



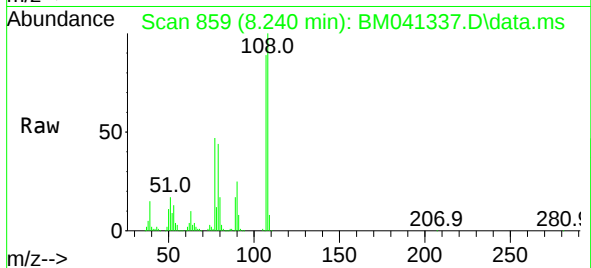
Tgt Ion: 45 Resp: 444539
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.5
79 13.1 0.0 32.1





#17
2-Methylphenol
Concen: 46.729 ng
RT: 8.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

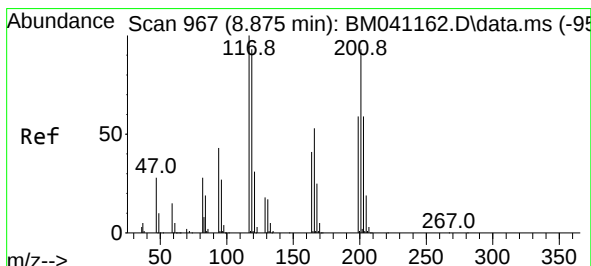
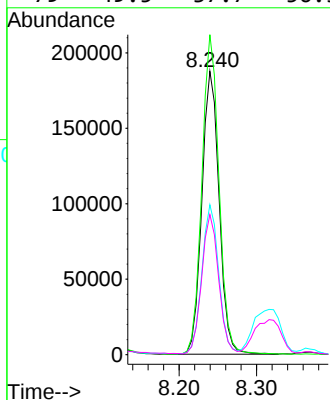
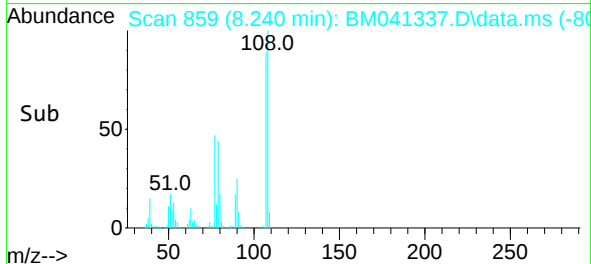
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:107 Resp: 289930
Ion Ratio Lower Upper
107 100
108 113.0 89.9 134.9
77 52.9 39.8 59.8
79 49.5 37.7 56.5

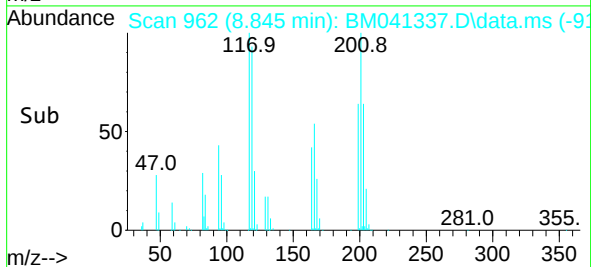
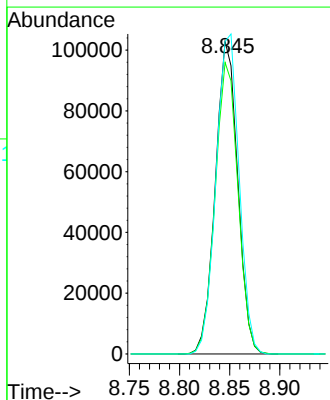
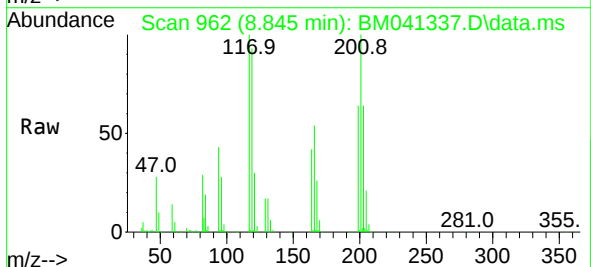
Manual Integrations
APPROVED

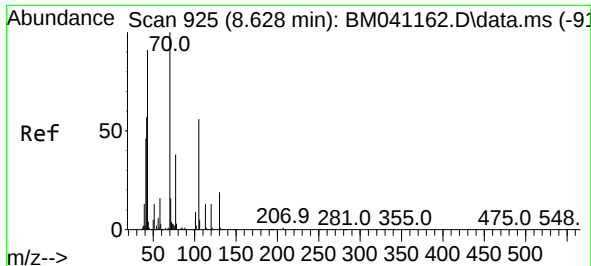
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#18
Hexachloroethane
Concen: 55.282 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:117 Resp: 159464
Ion Ratio Lower Upper
117 100
119 93.3 74.2 111.4
201 100.0 74.5 111.7





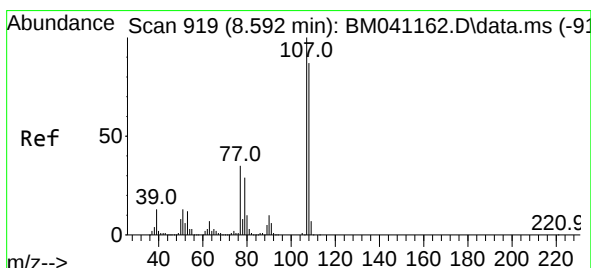
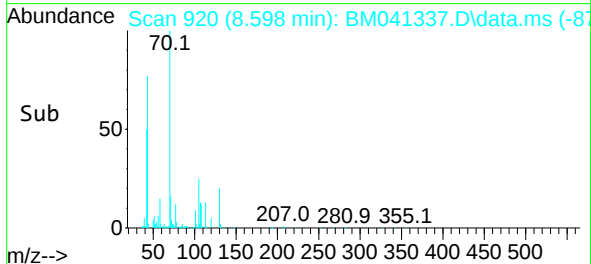
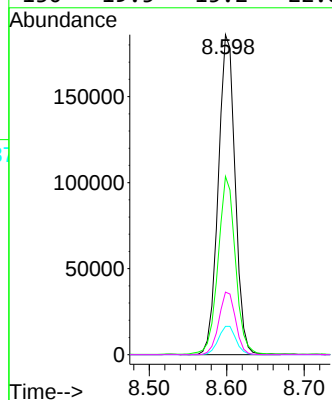
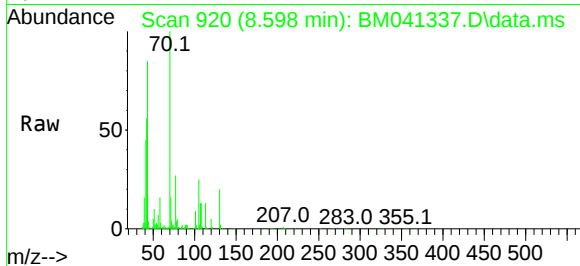
#19
n-Nitroso-di-n-propylamine
Concen: 49.343 ng
RT: 8.598 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Instrument :
BNA_M
ClientSampleId :
TP-36MSD

Tgt Ion: 70 Resp: 281818
Ion Ratio Lower Upper
70 100
42 55.7 45.8 68.8
101 8.8 7.4 11.0
130 19.5 15.2 22.8

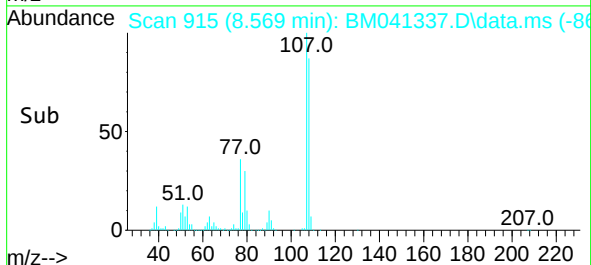
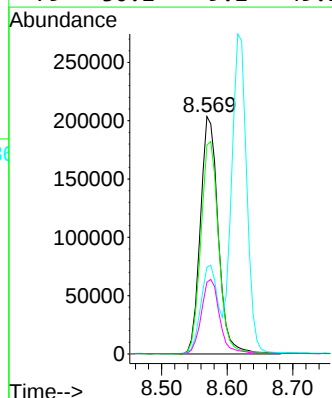
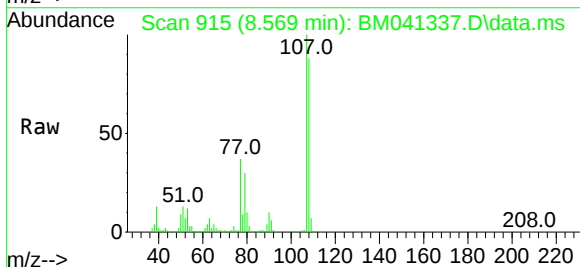
Manual Integrations
APPROVED

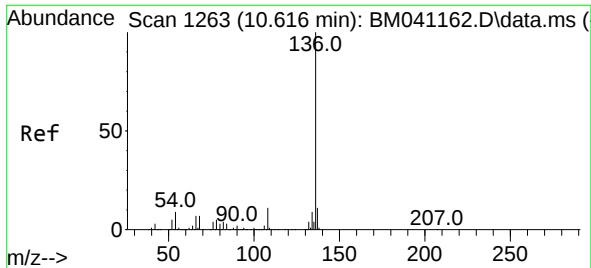
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#20
3+4-Methylphenols
Concen: 46.656 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

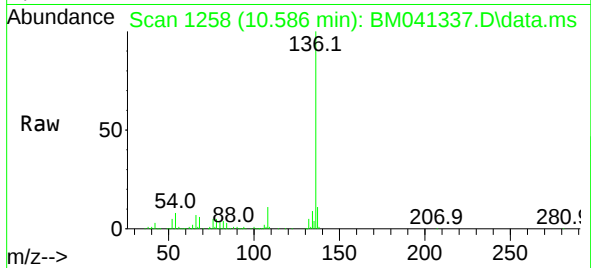
Tgt Ion:107 Resp: 387058
Ion Ratio Lower Upper
107 100
108 88.0 67.2 107.2
77 36.6 15.4 55.4
79 30.2 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

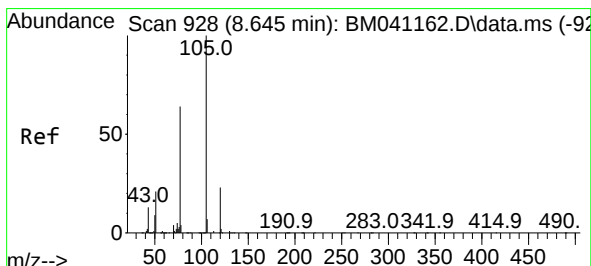
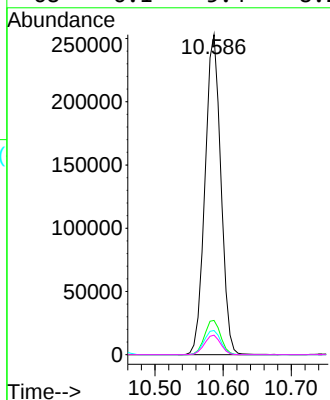
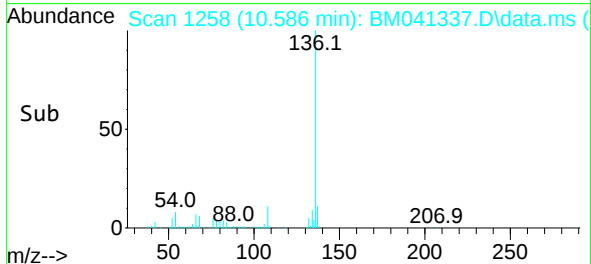
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:136 Resp: 408359
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.9 10.3
68 6.1 5.4 8.2

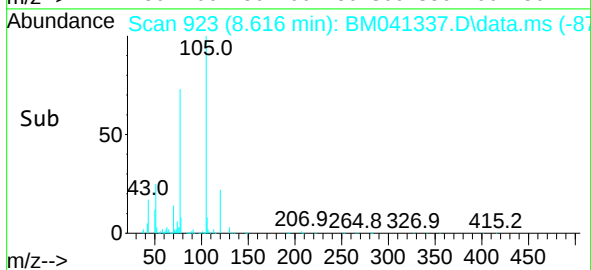
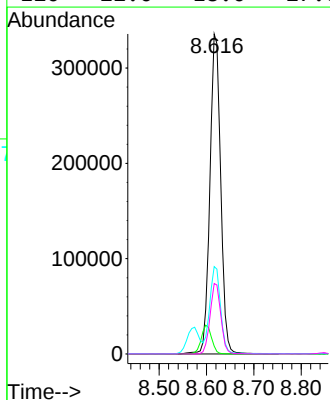
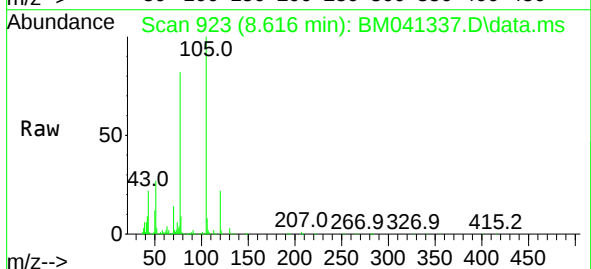
Manual Integrations
APPROVED

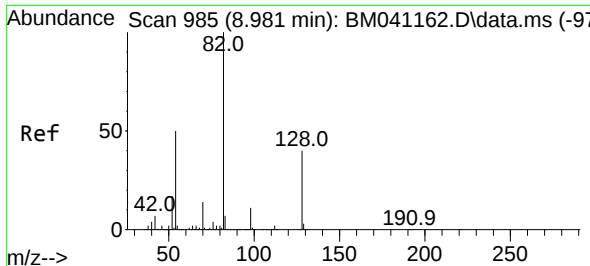
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 49.291 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:105 Resp: 533084
Ion Ratio Lower Upper
105 100
71 2.4 1.2 1.8#
51 27.3 22.0 33.0
120 22.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 67.173 ng

RT: 8.957 min Scan# 981

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion: 82 Resp: 589854

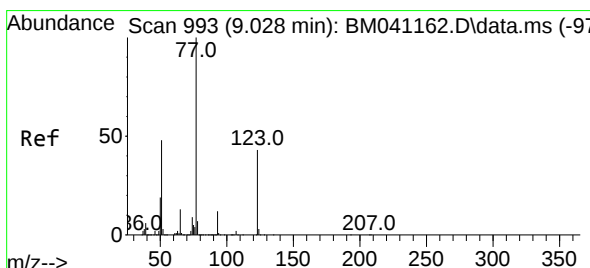
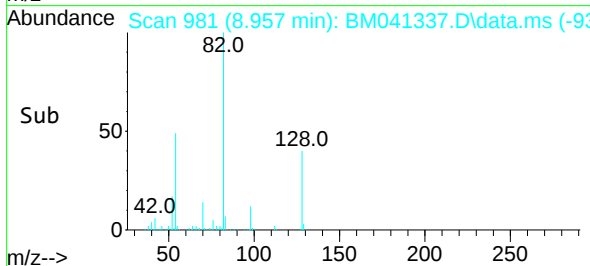
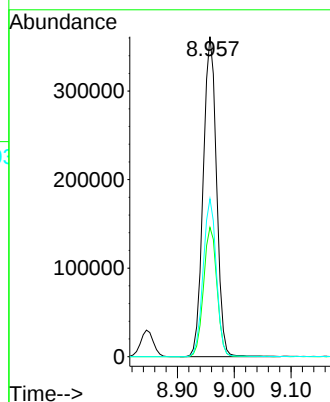
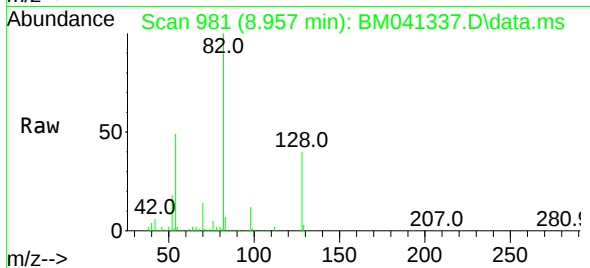
Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.6
54	49.4	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#24

Nitrobenzene

Concen: 47.723 ng

RT: 8.998 min Scan# 988

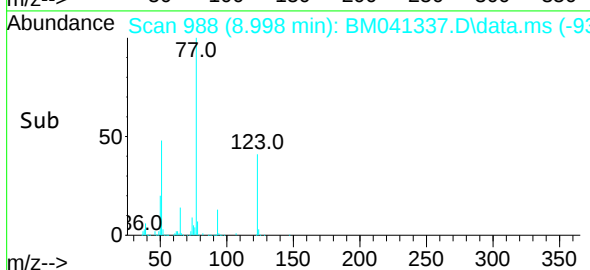
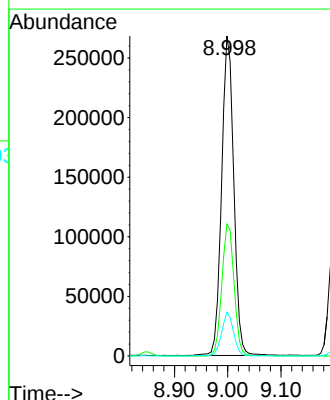
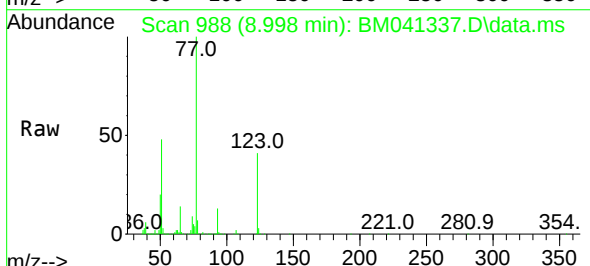
Delta R.T. -0.006 min

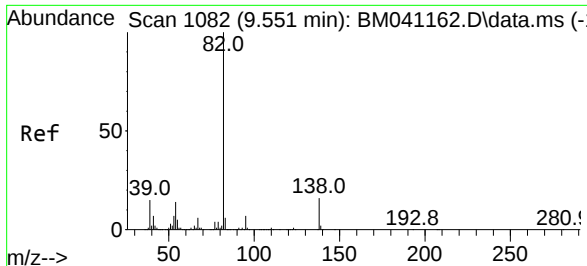
Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Tgt Ion: 77 Resp: 423789

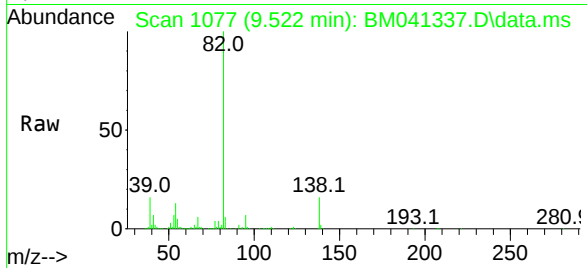
Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.2	51.2
65	13.7	10.7	16.1





#25
Isophorone
Concen: 49.074 ng
RT: 9.522 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

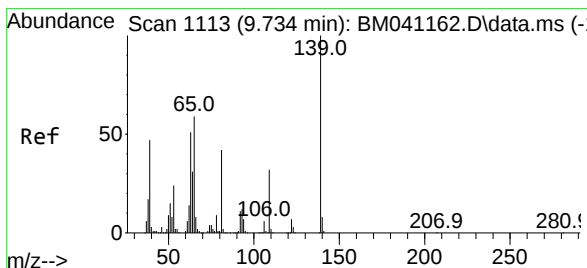
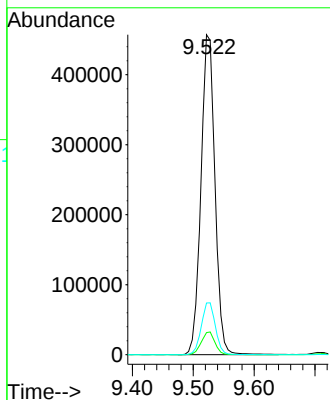
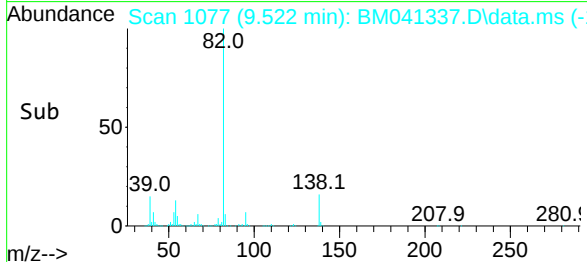
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



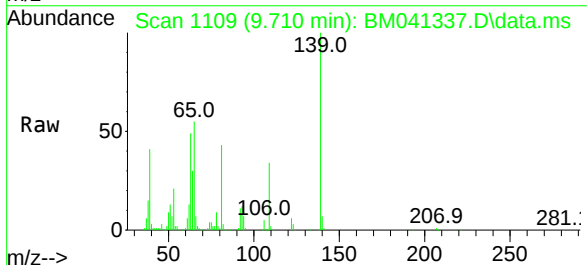
Tgt Ion: 82 Resp: 731498
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 16.1 12.8 19.2

Manual Integrations
APPROVED

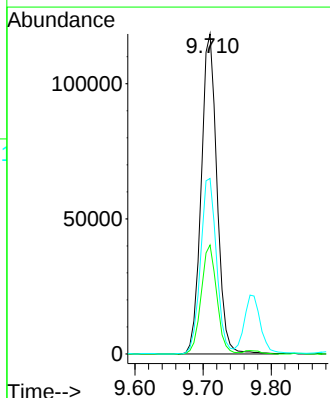
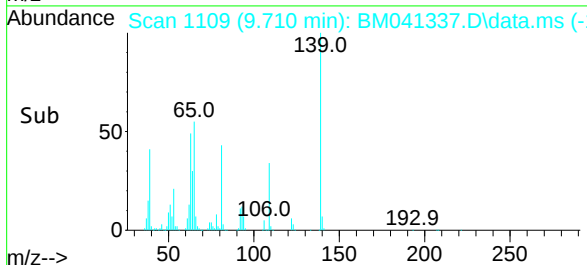
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

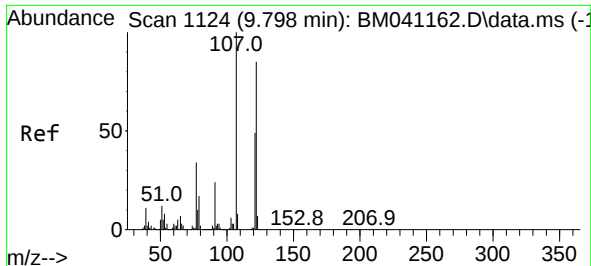


#26
2-Nitrophenol
Concen: 54.891 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



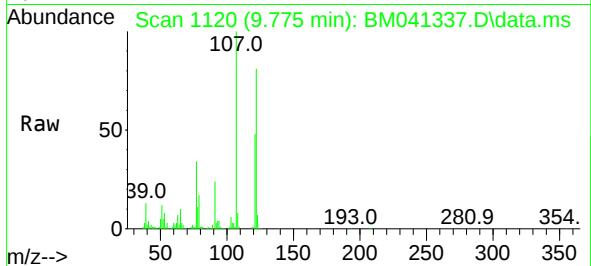
Tgt Ion:139 Resp: 190550
Ion Ratio Lower Upper
139 100
109 34.1 25.4 38.2
65 54.8 47.2 70.8





#27
2,4-Dimethylphenol
Concen: 45.840 ng
RT: 9.775 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

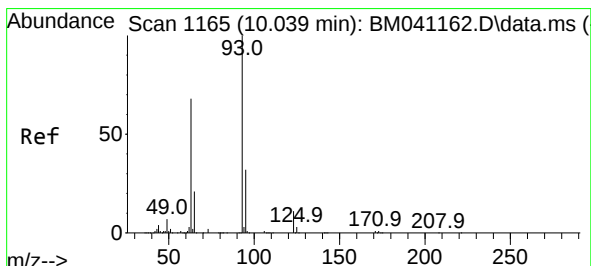
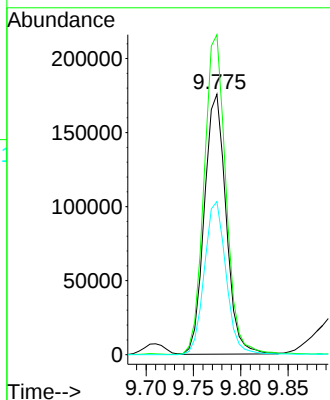
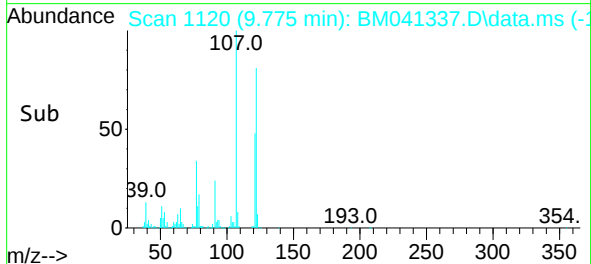
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



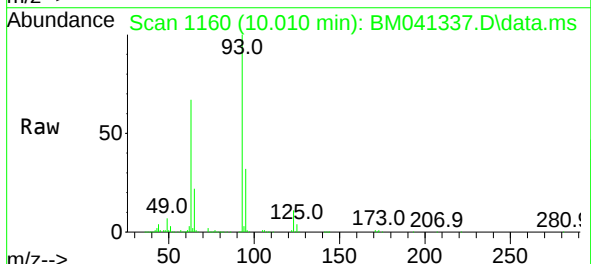
Tgt Ion:122 Resp: 280018
Ion Ratio Lower Upper
122 100
107 122.8 94.3 141.5
121 58.8 45.8 68.8

Manual Integrations
APPROVED

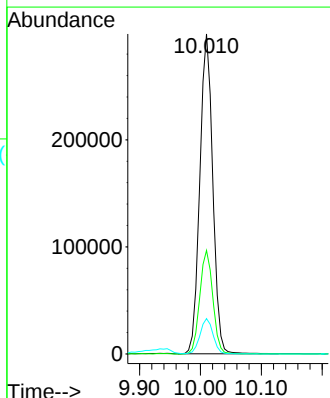
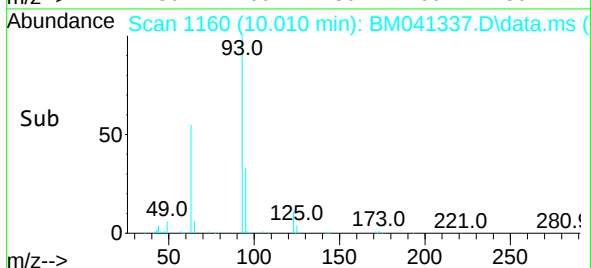
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

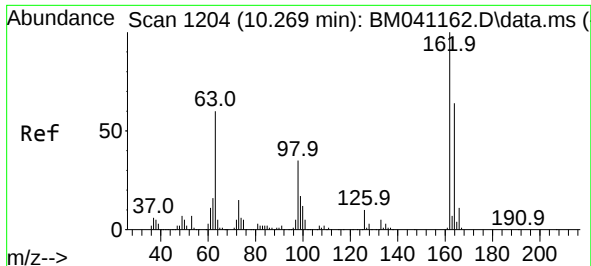


#28
bis(2-Chloroethoxy)methane
Concen: 47.025 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



Tgt Ion: 93 Resp: 439080
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.745 ng

RT: 10.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:162 Resp: 31876

Ion Ratio Lower Upper

162 100

164 66.7 44.3 84.3

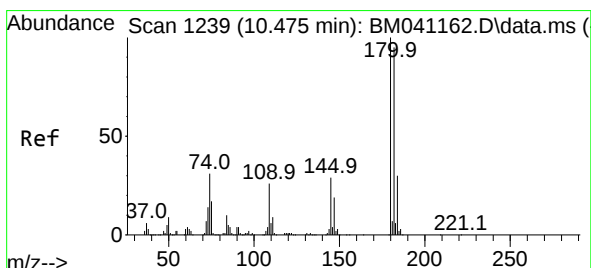
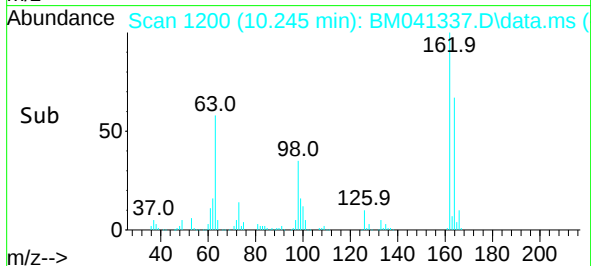
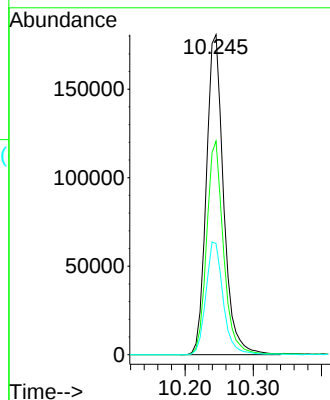
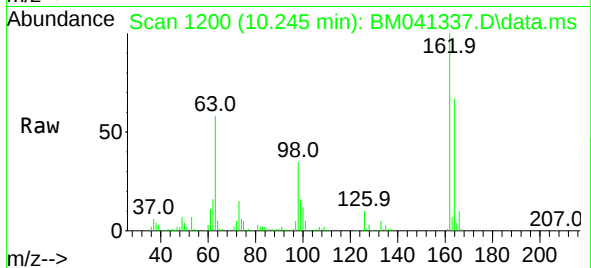
98 34.8 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 54.056 ng

RT: 10.451 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

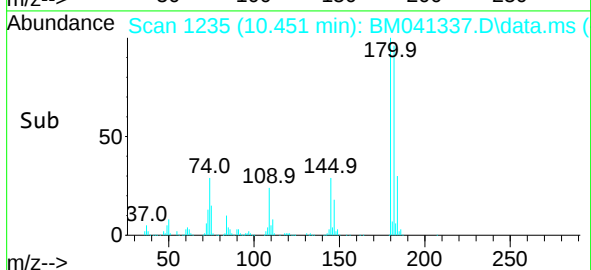
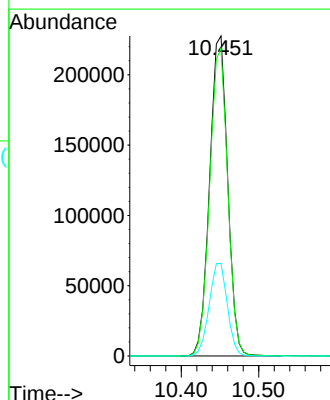
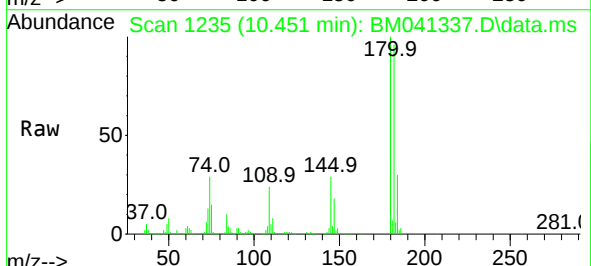
Tgt Ion:180 Resp: 367907

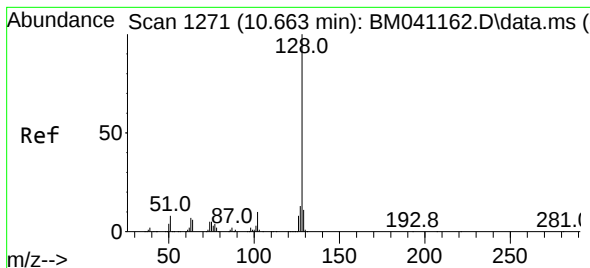
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

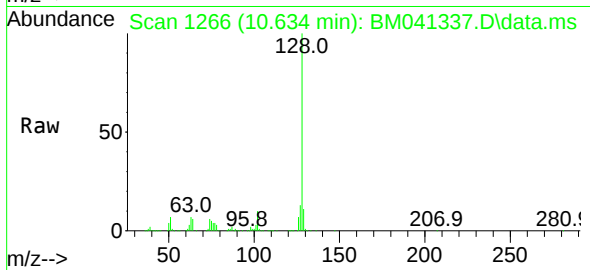
145 28.9 23.6 35.4





#31
Naphthalene
Concen: 47.532 ng
RT: 10.634 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

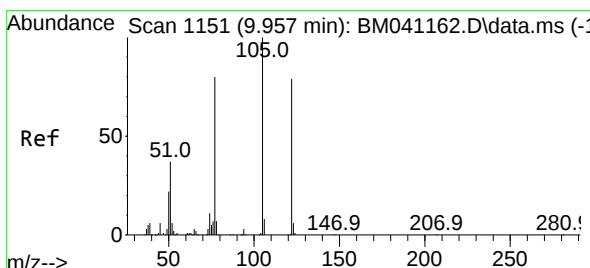
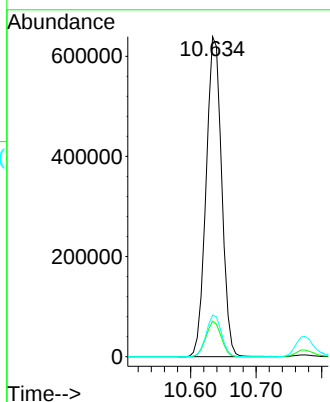
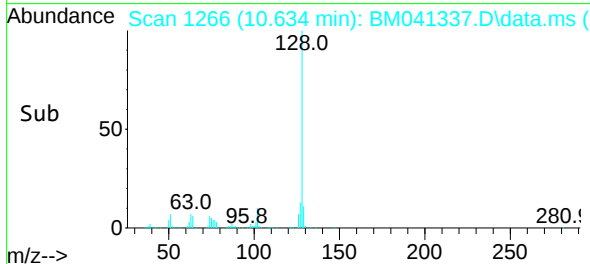
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



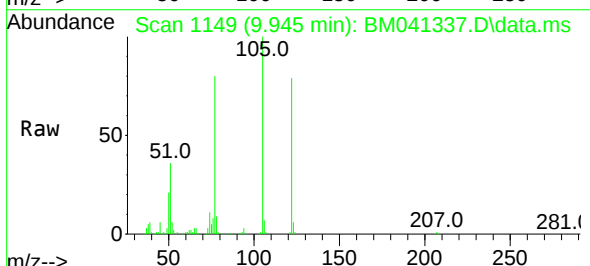
Tgt Ion:128 Resp: 105330
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.5 15.7

Manual Integrations
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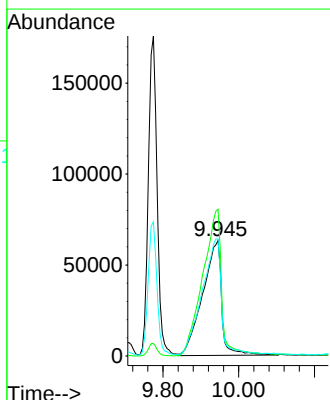
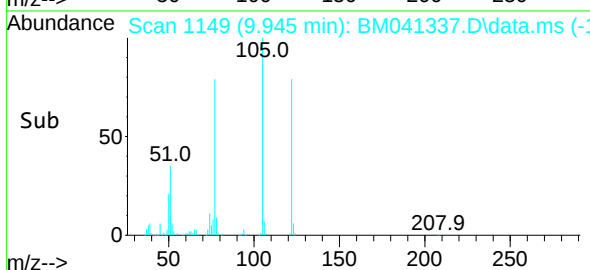
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

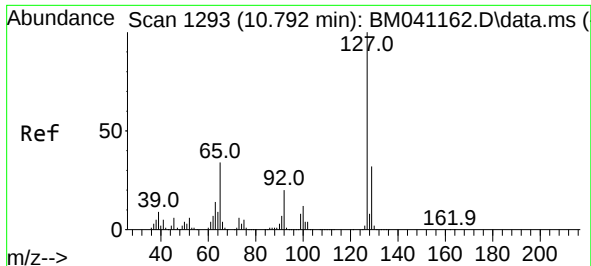


#32
Benzoic acid
Concen: 47.867 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



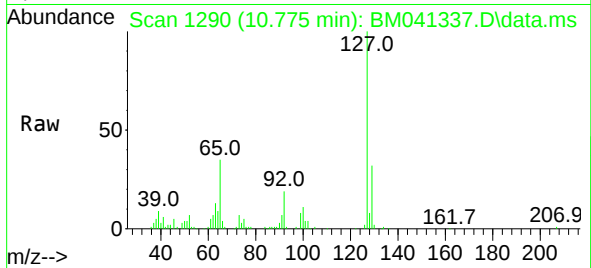
Tgt Ion:122 Resp: 219501
Ion Ratio Lower Upper
122 100
105 127.1 104.0 144.0
77 101.4 79.9 119.9





#33
4-Chloroaniline
Concen: 9.741 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

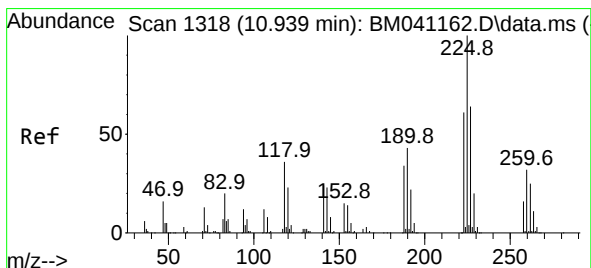
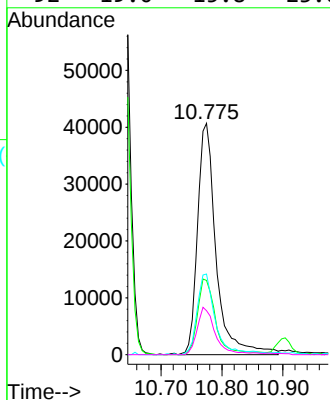
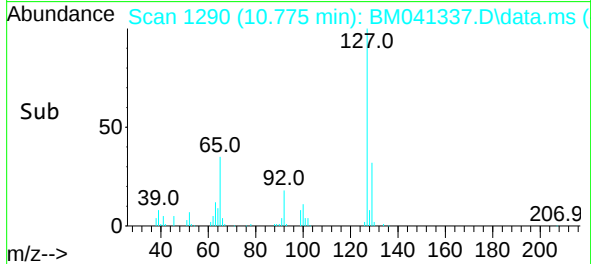
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



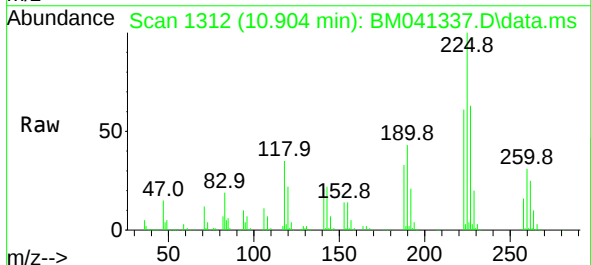
Tgt Ion:127 Resp: 86260
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 34.9 26.9 40.3
92 19.0 15.8 23.6

Manual Integrations
APPROVED

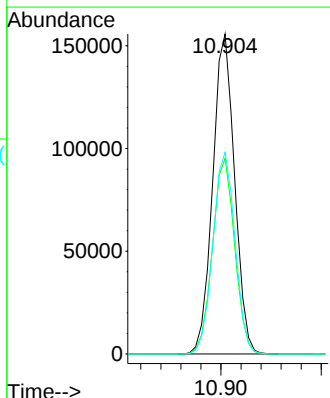
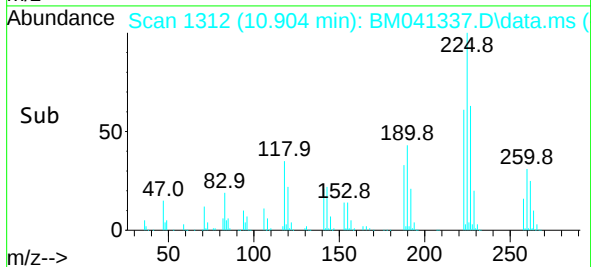
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

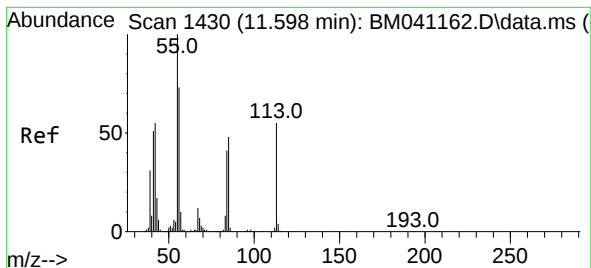


#34
Hexachlorobutadiene
Concen: 57.603 ng
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



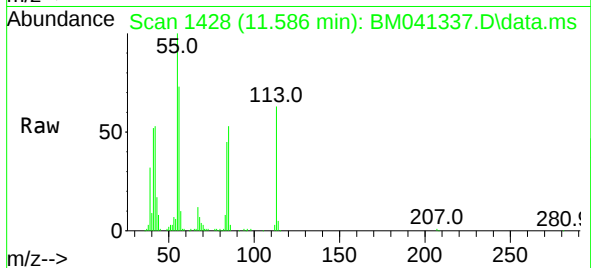
Tgt Ion:225 Resp: 235789
Ion Ratio Lower Upper
225 100
223 61.1 49.0 73.4
227 63.0 50.8 76.2





#35
 Caprolactam
 Concen: 47.884 ng
 RT: 11.586 min Scan# 1428
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

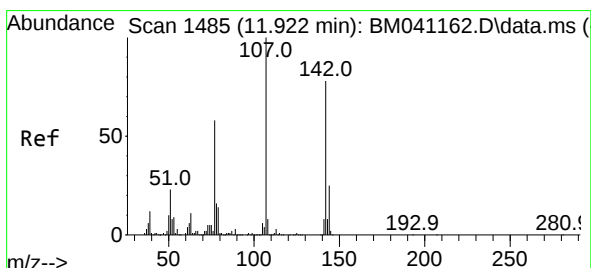
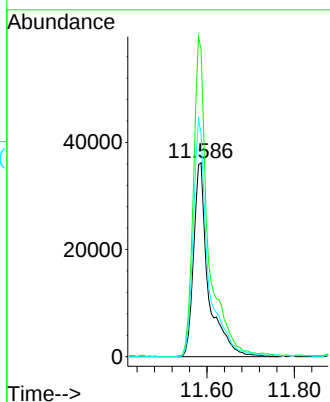
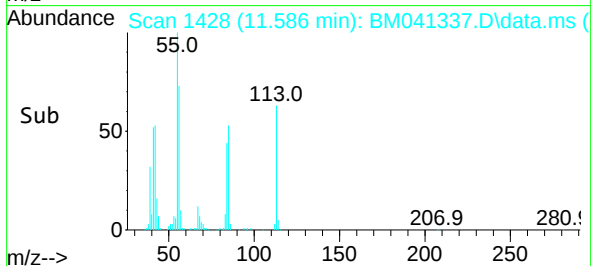
Instrument :
 BNA_M
 ClientSampleId :
 TP-36MSD



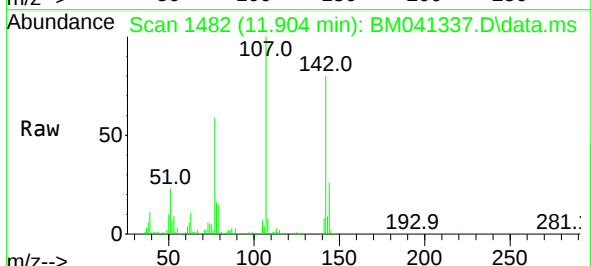
Tgt Ion:113 Resp: 8533
 Ion Ratio Lower Upper
 113 100
 55 158.3 162.5 202.5
 56 114.9 114.1 154.1

Manual Integrations
 APPROVED

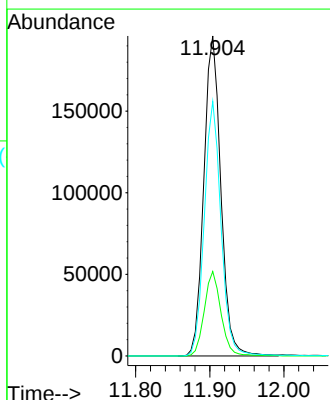
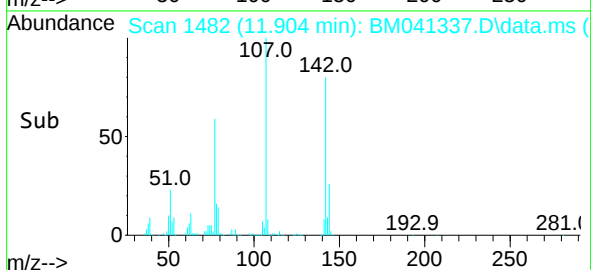
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

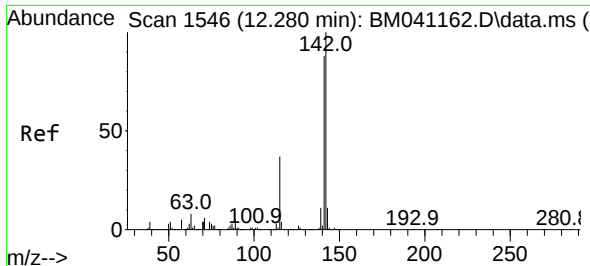


#36
 4-Chloro-3-methylphenol
 Concen: 48.391 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28



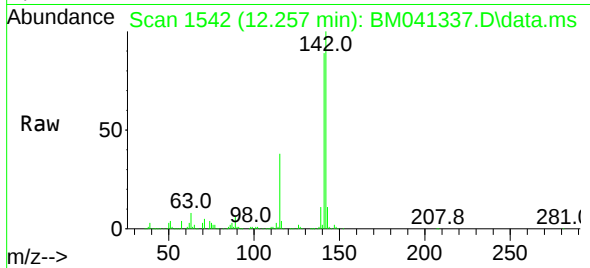
Tgt Ion:107 Resp: 313753
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 79.6 62.2 93.4





#37
2-Methylnaphthalene
Concen: 46.210 ng
RT: 12.257 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

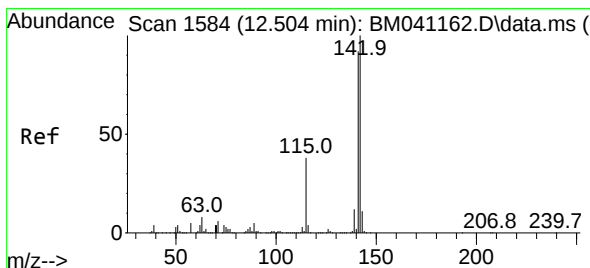
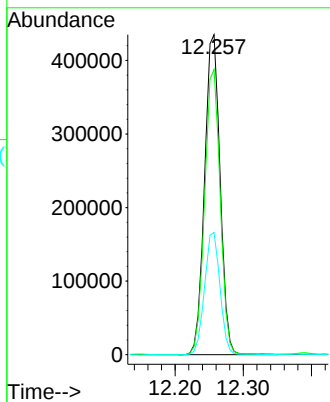
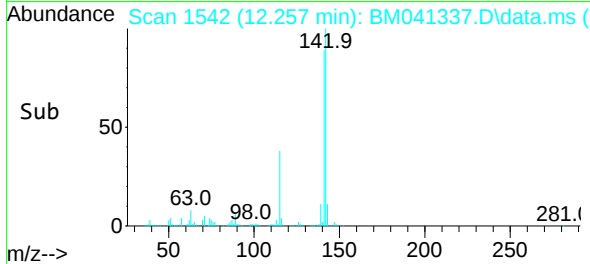
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:142 Resp: 69036
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 38.2 29.3 43.9

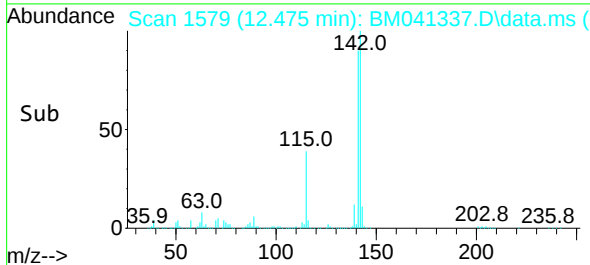
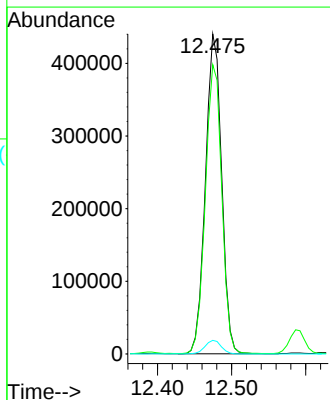
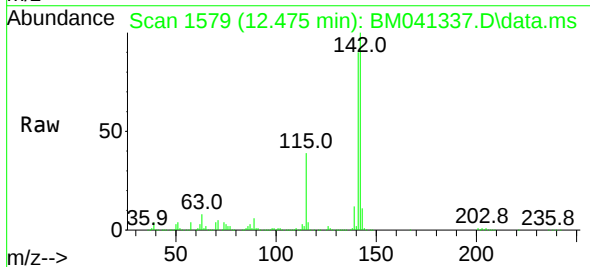
Manual Integrations
APPROVED

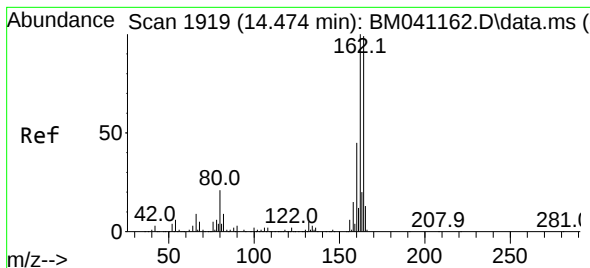
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#38
1-Methylnaphthalene
Concen: 47.661 ng
RT: 12.475 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:142 Resp: 666426
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM041337.D

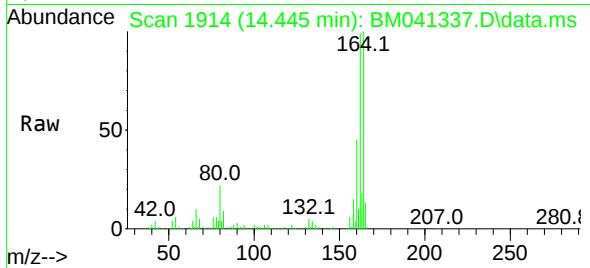
Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD



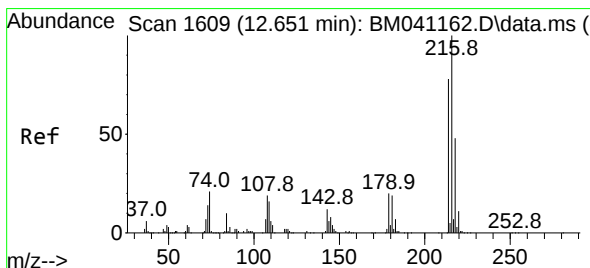
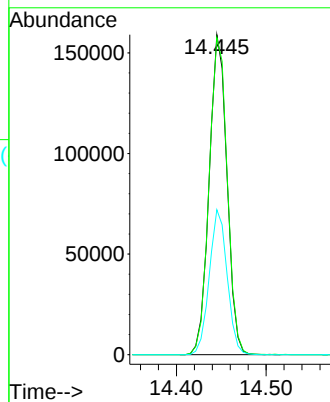
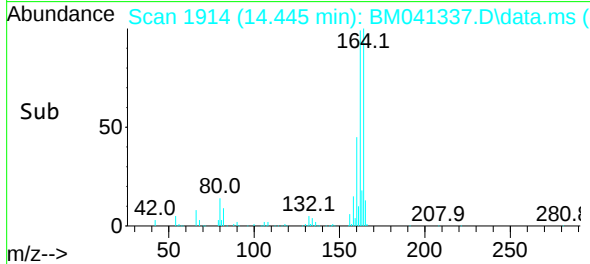
Tgt Ion:	164	Resp:	21896
Ion Ratio	Lower	Upper	
164	100		
162	99.1	80.4	120.6
160	45.3	36.2	54.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.812 ng

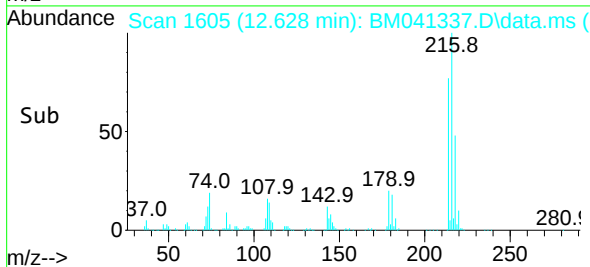
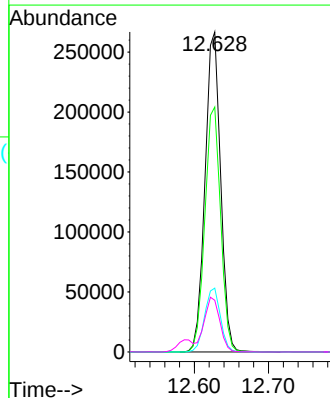
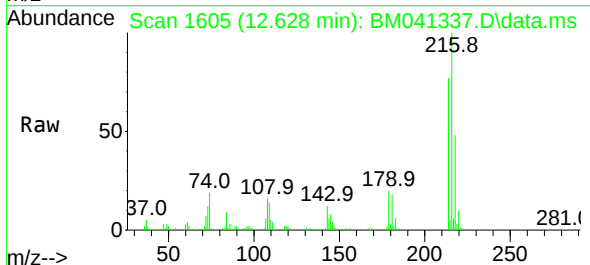
RT: 12.628 min Scan# 1605

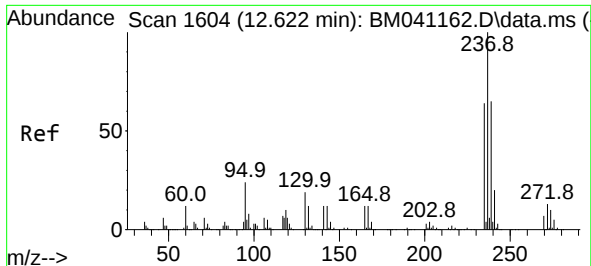
Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

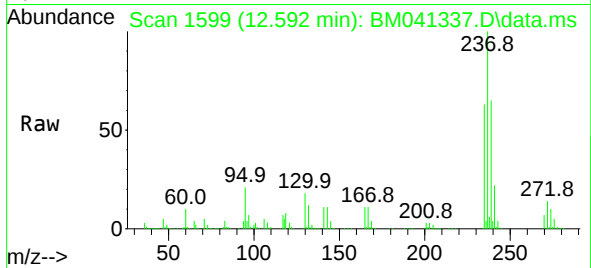
Tgt Ion:	216	Resp:	389718
Ion Ratio	Lower	Upper	
216	100		
214	77.6	63.2	94.8
179	20.2	16.2	24.2
108	17.4	17.0	25.4





#41
Hexachlorocyclopentadiene
Concen: 111.440 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

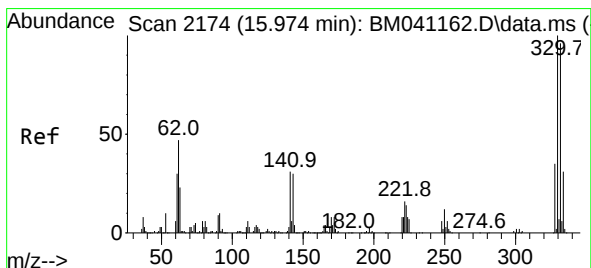
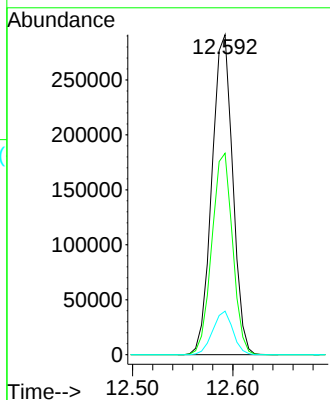
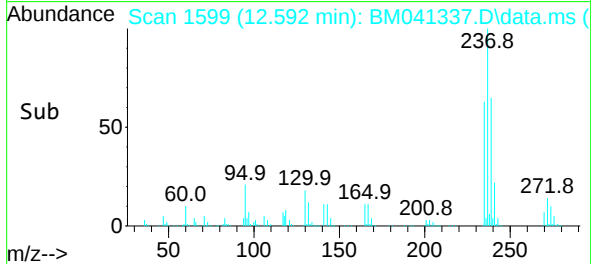
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



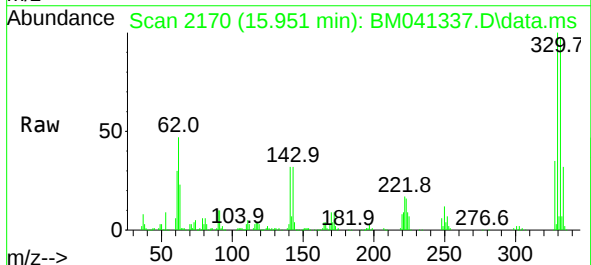
Tgt Ion:237 Resp: 419189
Ion Ratio Lower Upper
237 100
235 62.9 43.6 83.6
272 13.6 0.0 33.3

Manual Integrations
APPROVED

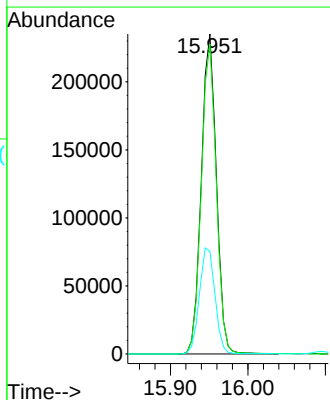
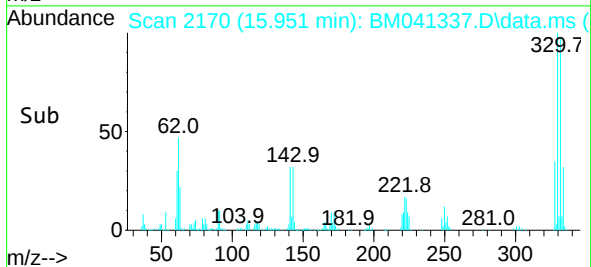
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

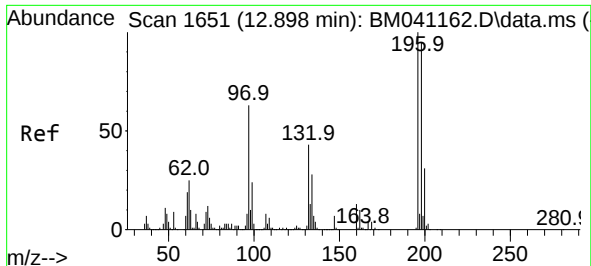


#42
2,4,6-Tribromophenol
Concen: 102.340 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



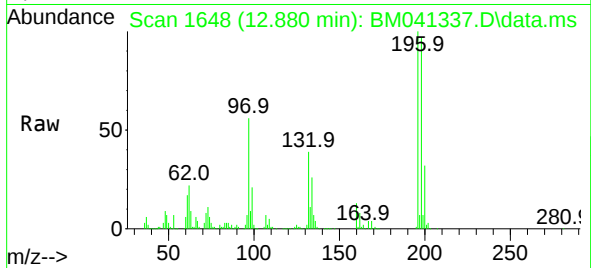
Tgt Ion:330 Resp: 316964
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 34.4 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 54.075 ng
RT: 12.880 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

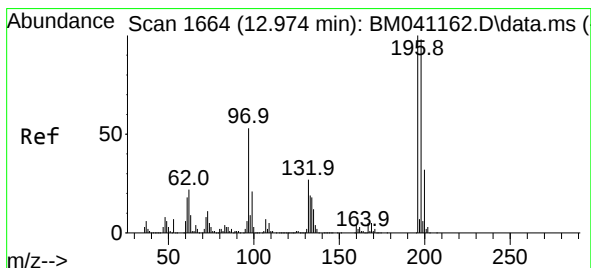
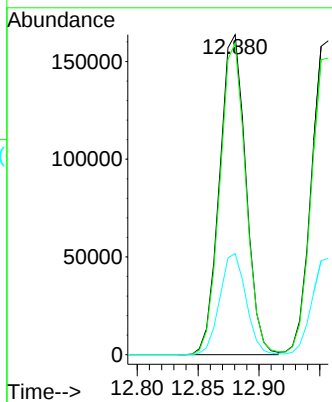
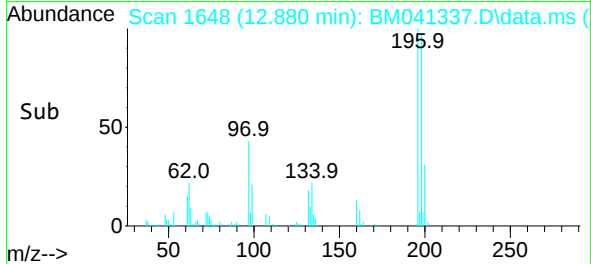
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



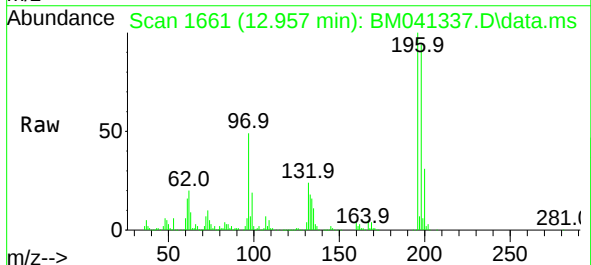
Tgt Ion:196 Resp: 24642
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.4
200 31.6 24.6 36.8

Manual Integrations
APPROVED

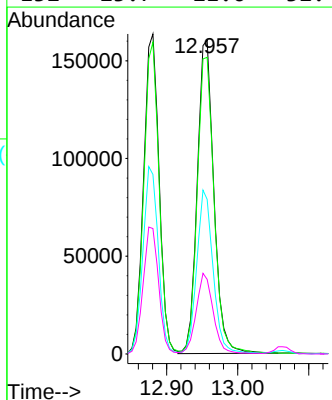
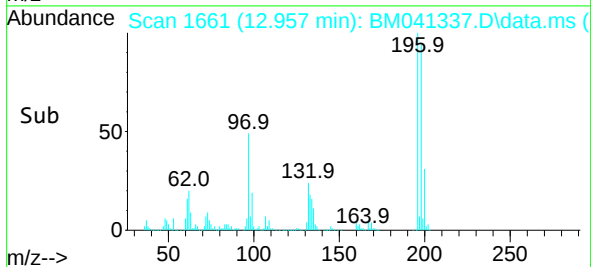
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

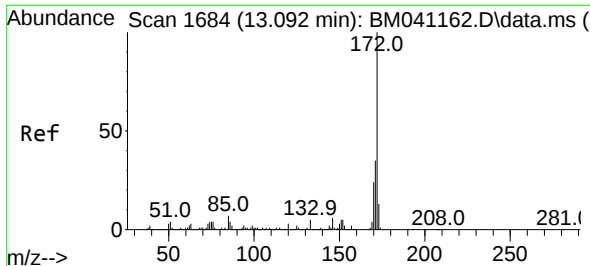


#44
2,4,5-Trichlorophenol
Concen: 49.592 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



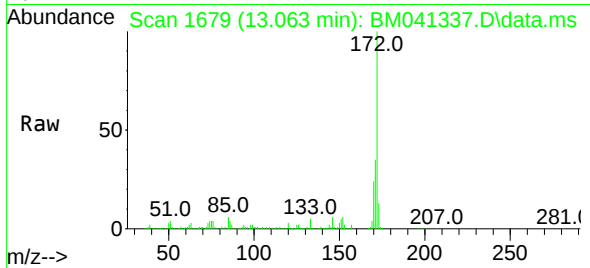
Tgt Ion:196 Resp: 261578
Ion Ratio Lower Upper
196 100
198 94.5 78.2 117.4
97 49.2 42.7 64.1
132 23.7 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 66.577 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

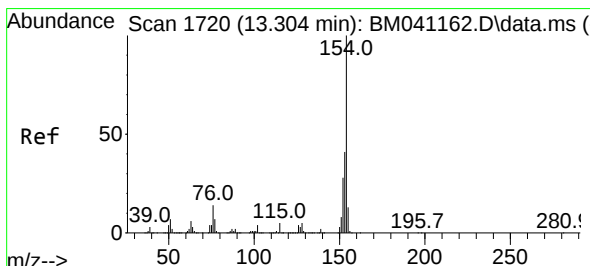
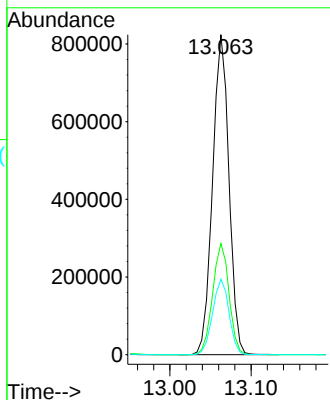
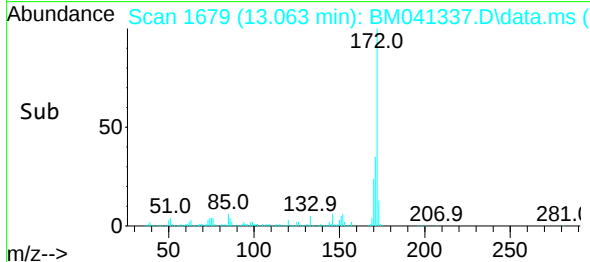
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



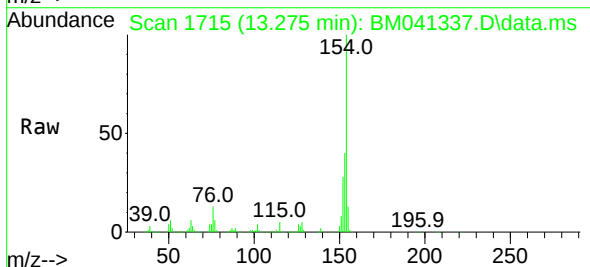
Tgt Ion:172 Resp: 1154010
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 18.9 28.3

Manual Integrations
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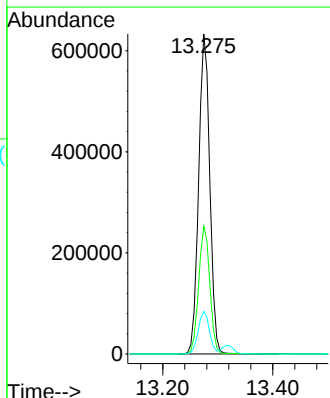
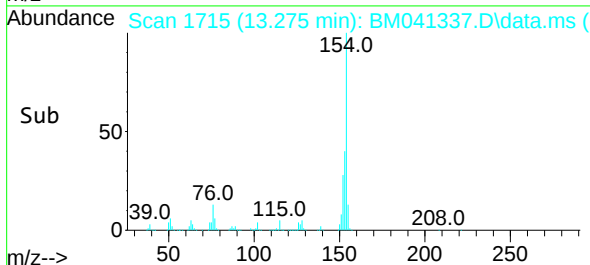
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

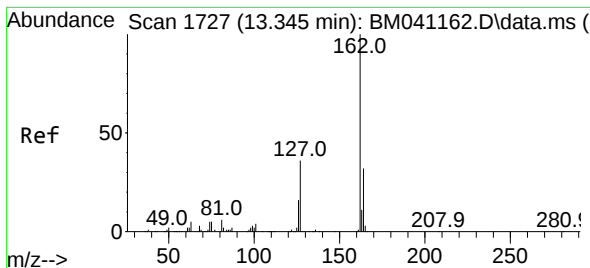


#46
1,1'-Biphenyl
Concen: 50.136 ng
RT: 13.275 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



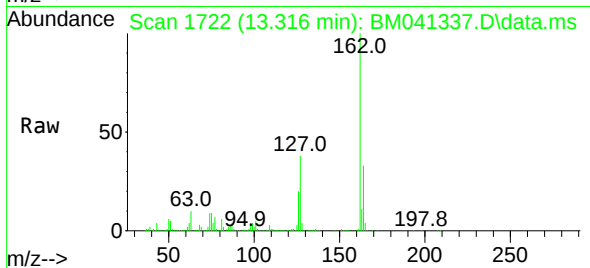
Tgt Ion:154 Resp: 889979
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 13.3 0.0 34.1





#47
2-Chloronaphthalene
Concen: 52.579 ng
RT: 13.316 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

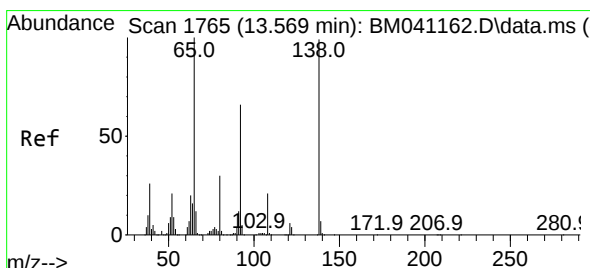
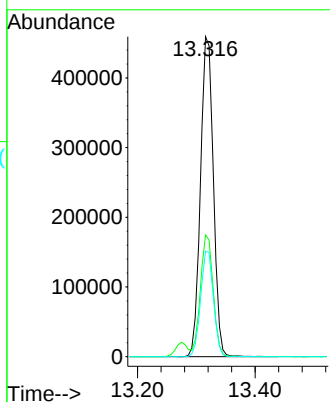
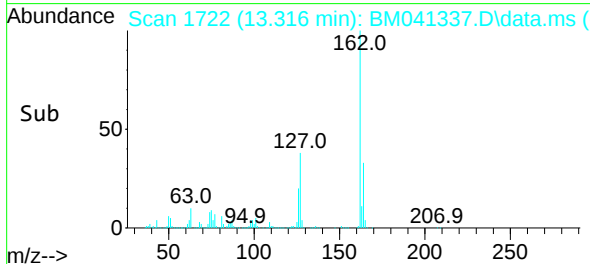
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:162 Resp: 696908
Ion Ratio Lower Upper
162 100
127 38.0 30.6 45.8
164 33.0 25.6 38.4

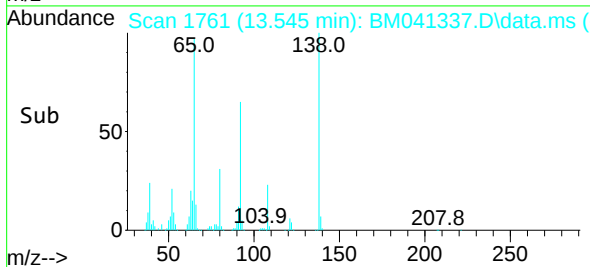
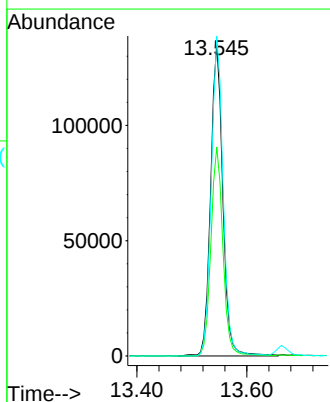
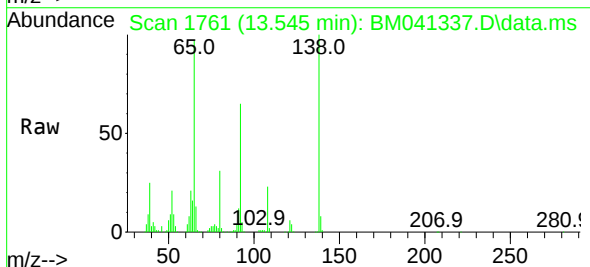
Manual Integrations
APPROVED

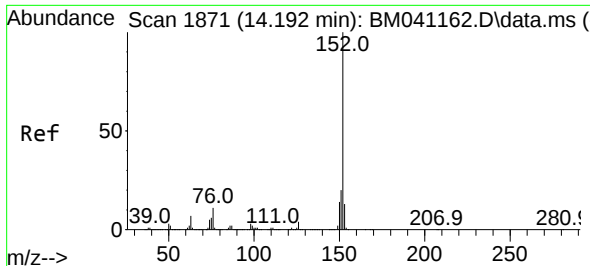
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#48
2-Nitroaniline
Concen: 49.266 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

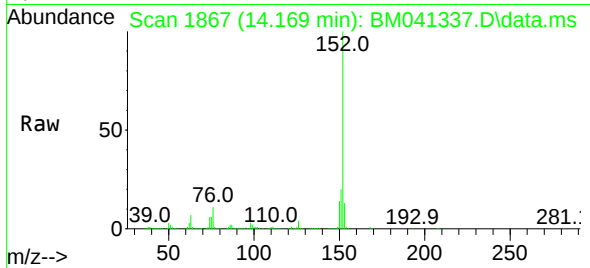
Tgt Ion: 65 Resp: 208434
Ion Ratio Lower Upper
65 100
92 67.1 53.0 79.4
138 102.7 79.1 118.7





#49
Acenaphthylene
Concen: 50.763 ng
RT: 14.169 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

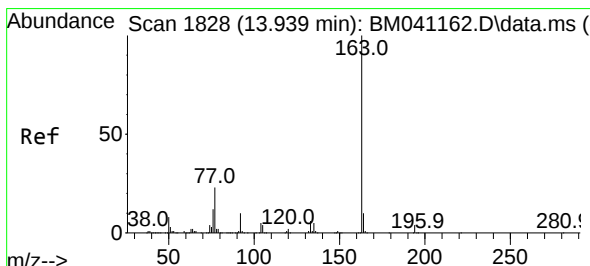
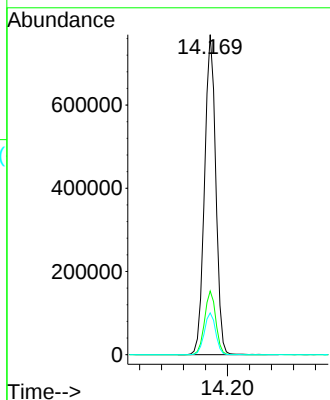
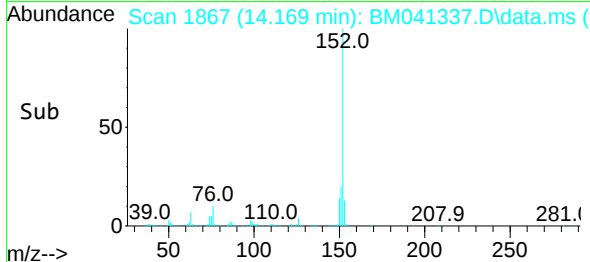
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



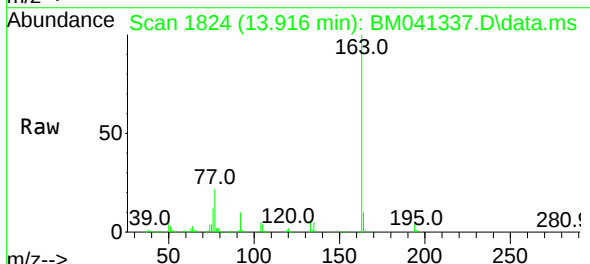
Tgt Ion:152 Resp: 108599
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 10.5 15.7

Manual Integrations
APPROVED

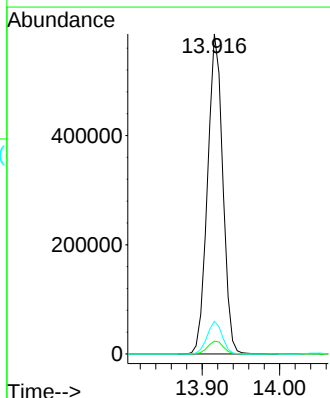
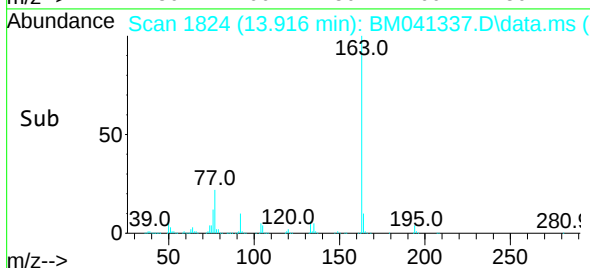
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

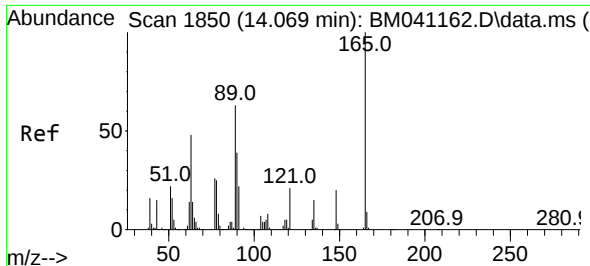


#50
Dimethylphthalate
Concen: 48.541 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



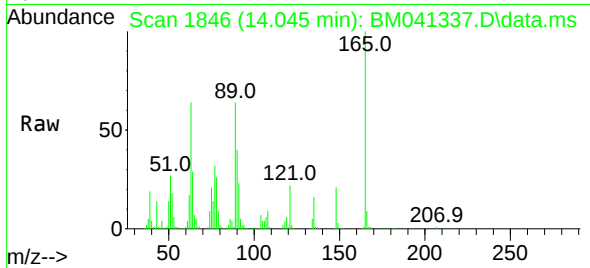
Tgt Ion:163 Resp: 799518
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 51.206 ng
RT: 14.045 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

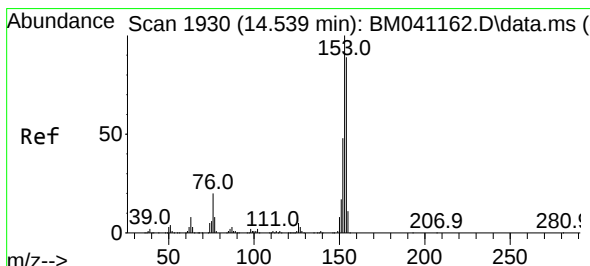
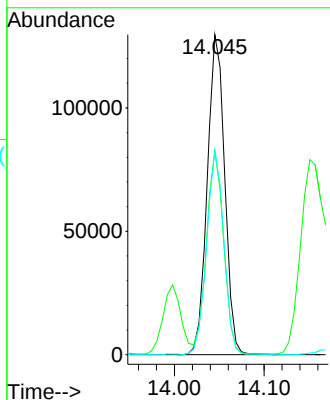
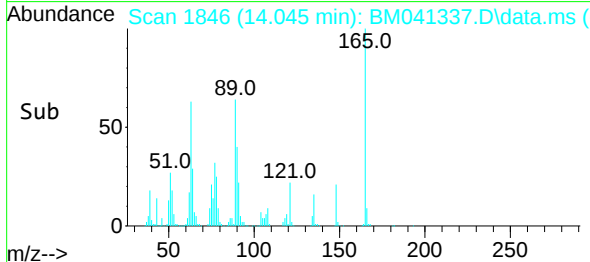
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



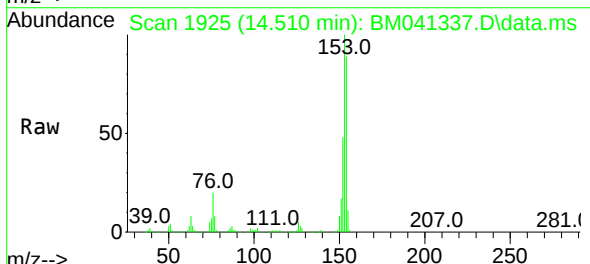
Tgt Ion:165 Resp: 174758
Ion Ratio Lower Upper
165 100
63 63.6 50.9 76.3
89 63.9 50.6 76.0

Manual Integrations
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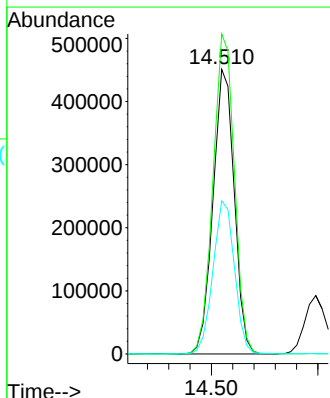
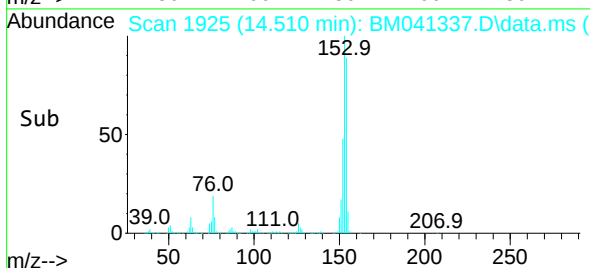
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

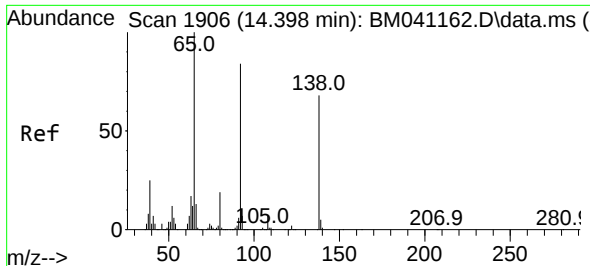


#52
Acenaphthene
Concen: 48.474 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



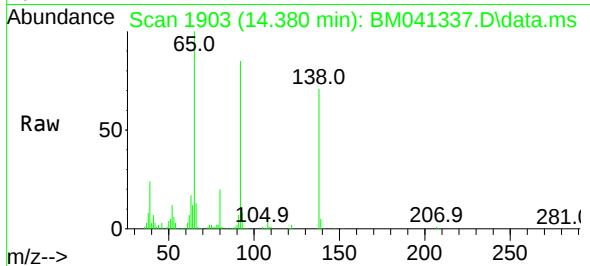
Tgt Ion:154 Resp: 624737
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.4
152 53.8 43.4 65.0





#53
3-Nitroaniline
Concen: 27.057 ng
RT: 14.380 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

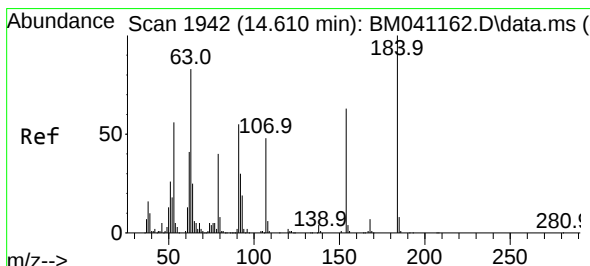
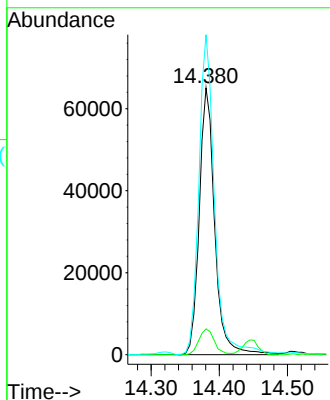
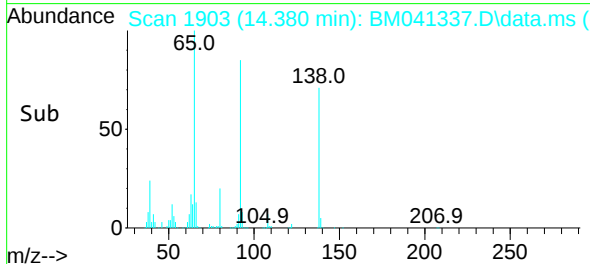
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:138 Resp: 10216
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 120.0 98.9 148.3

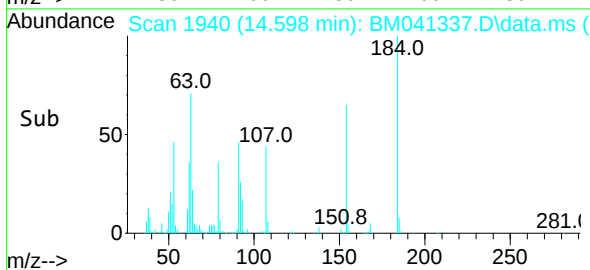
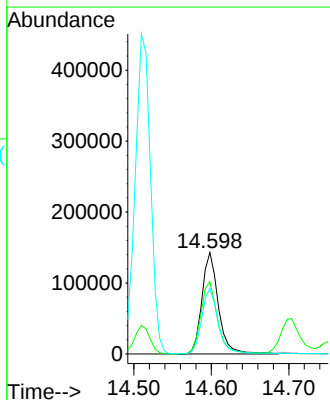
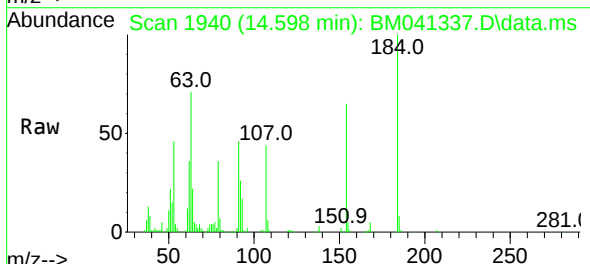
Manual Integrations
APPROVED

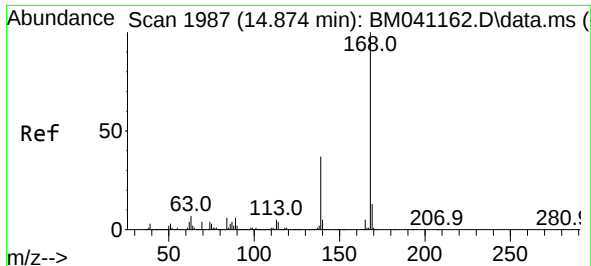
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#54
2,4-Dinitrophenol
Concen: 90.675 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

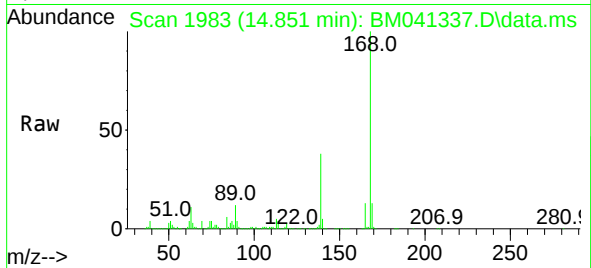
Tgt Ion:184 Resp: 210912
Ion Ratio Lower Upper
184 100
63 71.3 66.5 99.7
154 64.7 52.8 79.2





#55
Dibenzenofuran
Concen: 47.774 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

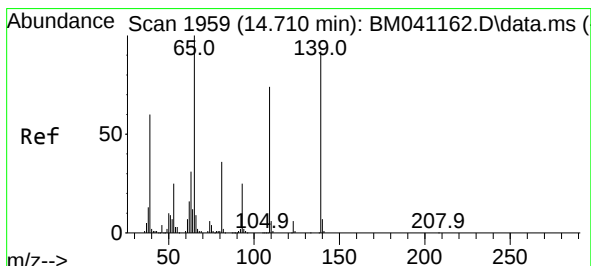
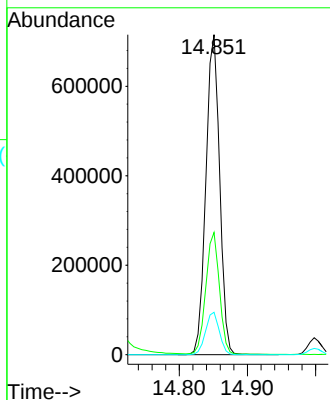
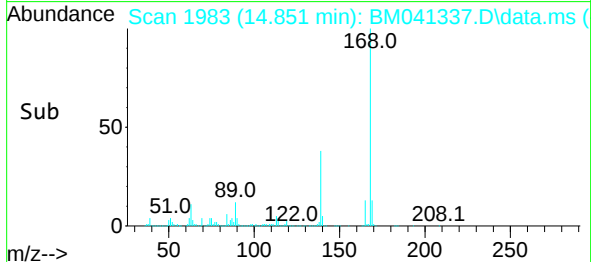
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



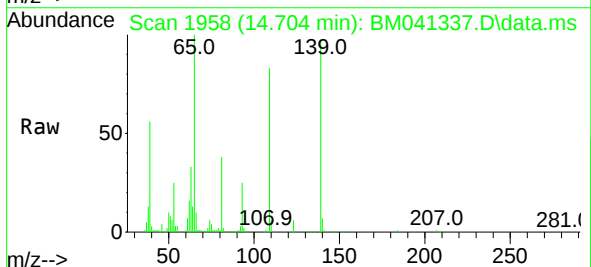
Tgt Ion:168 Resp: 100456
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.3 10.5 15.7

Manual Integrations
APPROVED

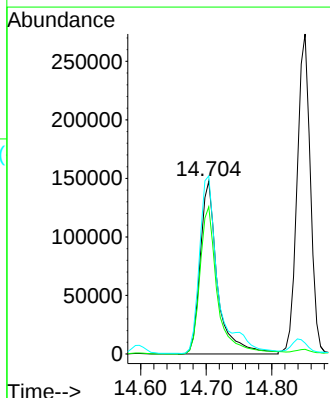
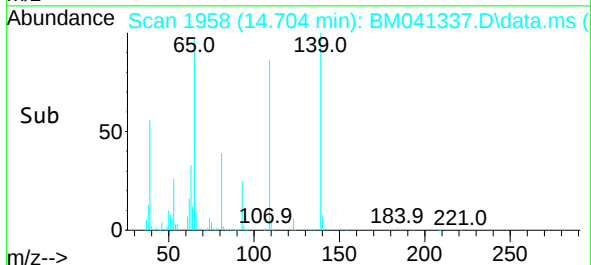
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

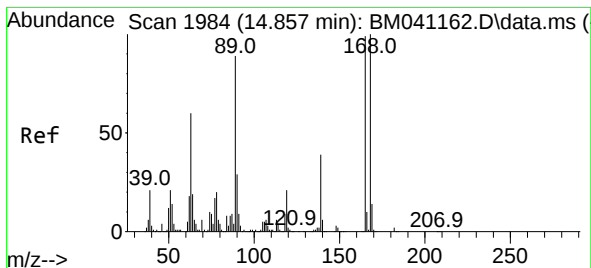


#56
4-Nitrophenol
Concen: 95.670 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



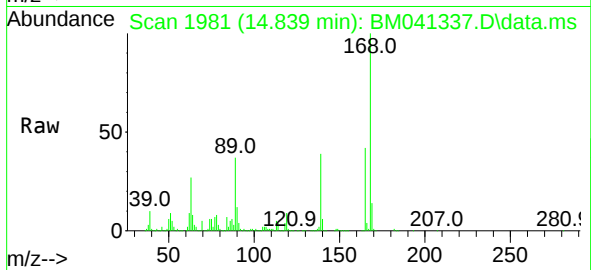
Tgt Ion:139 Resp: 272116
Ion Ratio Lower Upper
139 100
109 85.2 61.2 101.2
65 103.2 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 47.315 ng
RT: 14.839 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

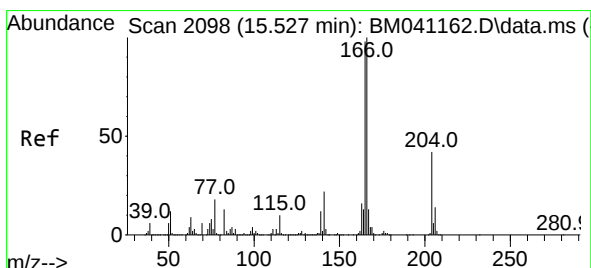
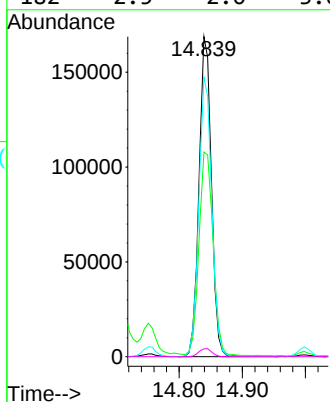
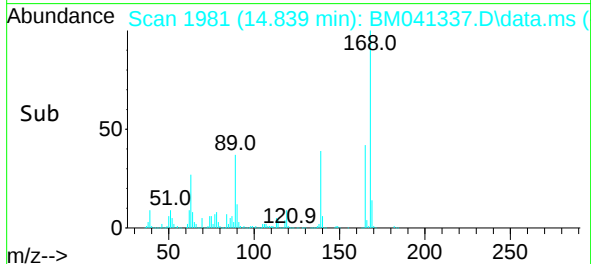
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



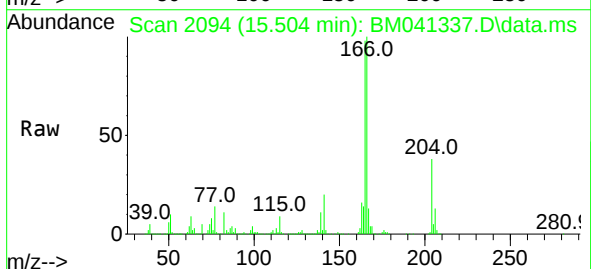
Tgt Ion:165 Resp: 230400
Ion Ratio Lower Upper
165 100
63 64.0 48.3 72.5
89 87.3 71.8 107.8
182 2.5 2.0 3.0

Manual Integrations
APPROVED

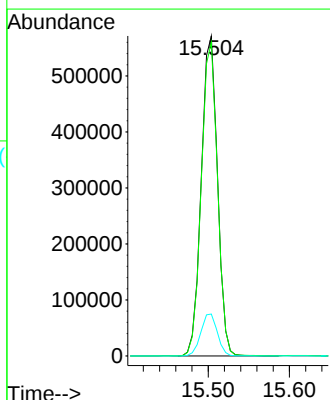
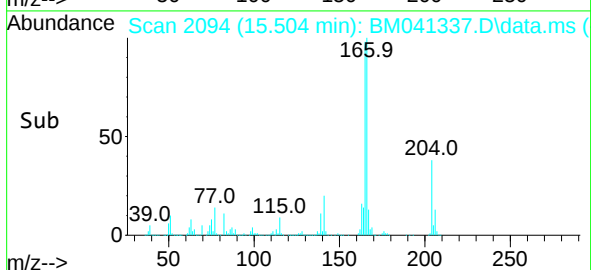
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

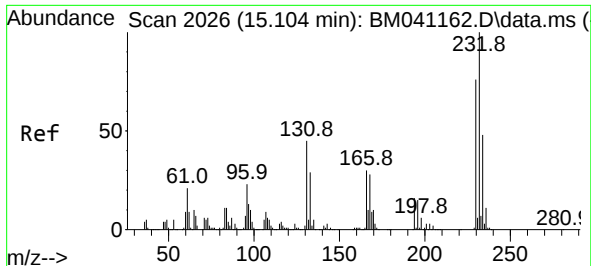


#58
Fluorene
Concen: 47.584 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



Tgt Ion:166 Resp: 789350
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.917 ng

RT: 15.080 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BM041337.D

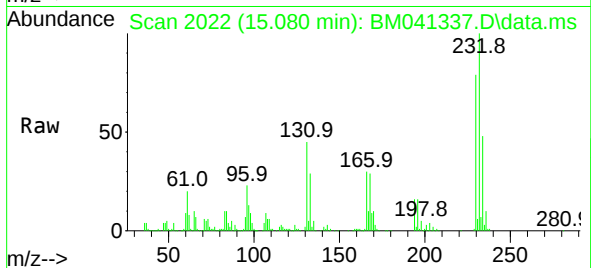
Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD



Tgt Ion:232 Resp: 221748

Ion Ratio Lower Upper

232 100

131 43.5 36.9 55.3

130 2.3 2.0 3.0

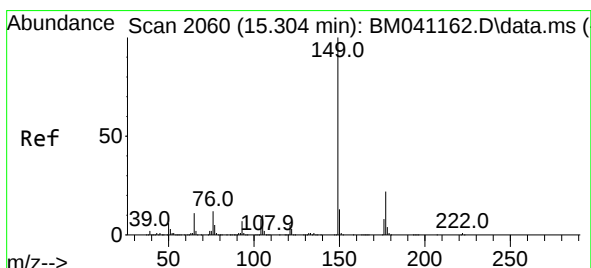
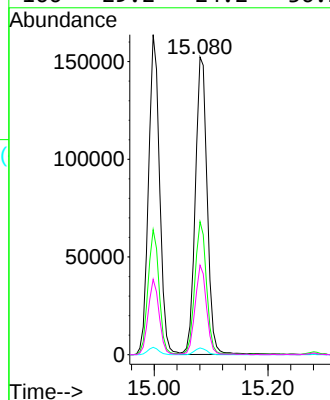
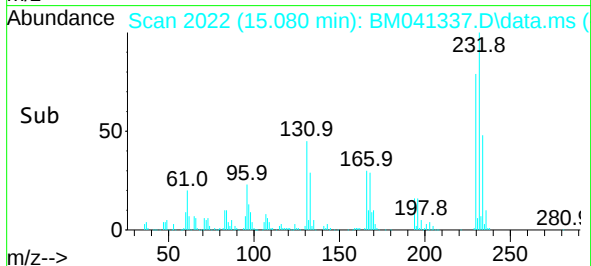
166 29.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#60

Diethylphthalate

Concen: 48.618 ng

RT: 15.280 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

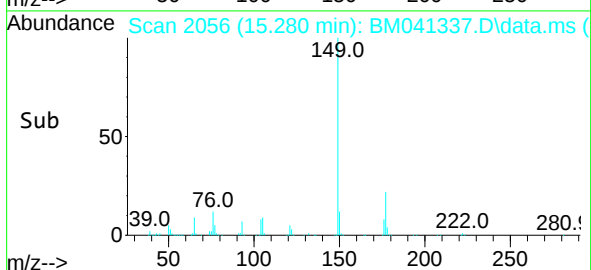
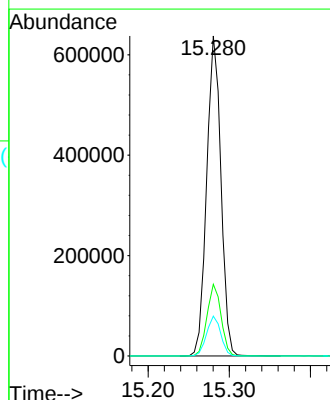
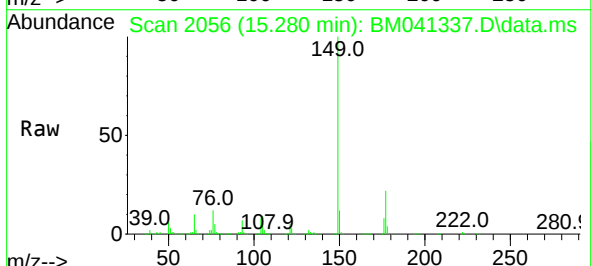
Tgt Ion:149 Resp: 774406

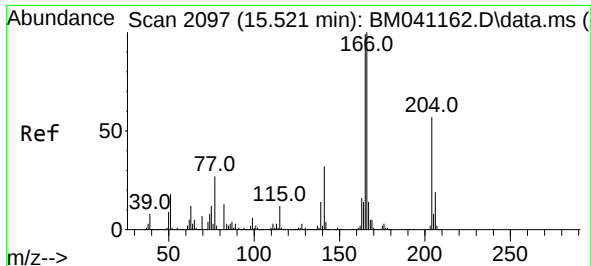
Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

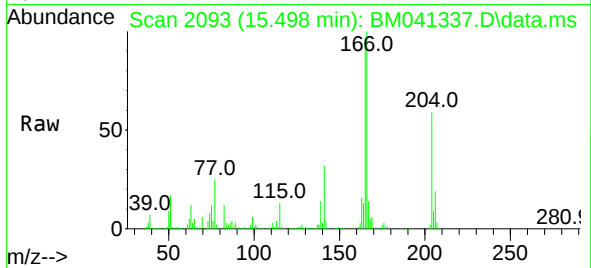
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.174 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

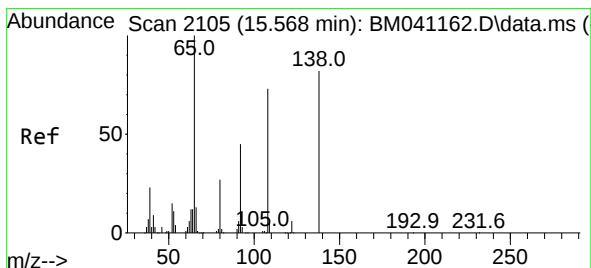
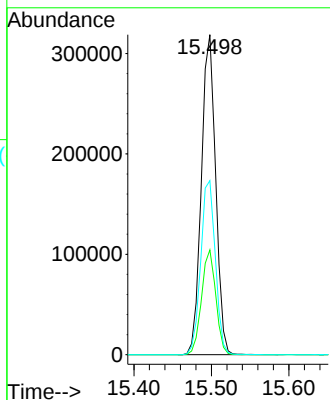
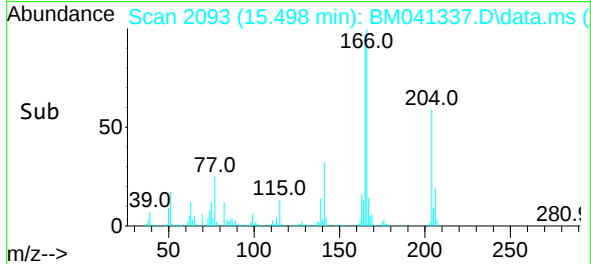
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



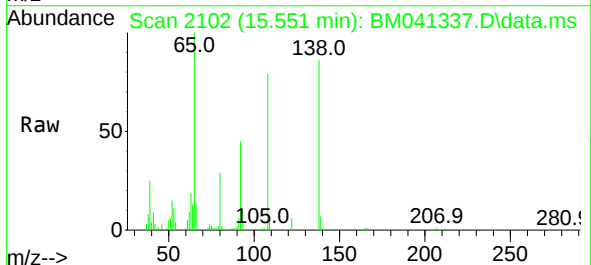
Tgt Ion:204 Resp: 40876
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 54.4 44.8 67.2

Manual Integrations
APPROVED

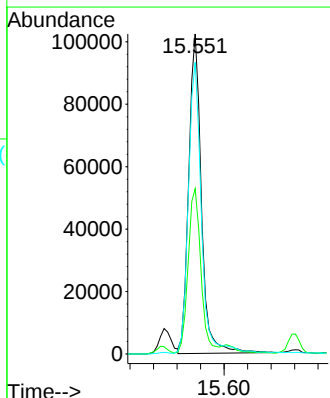
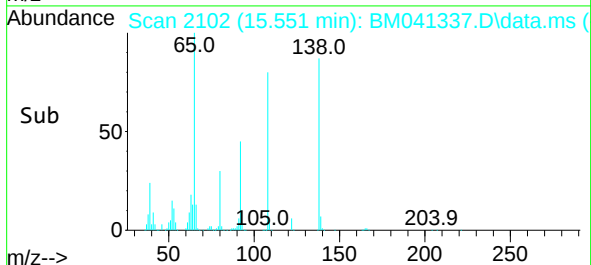
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

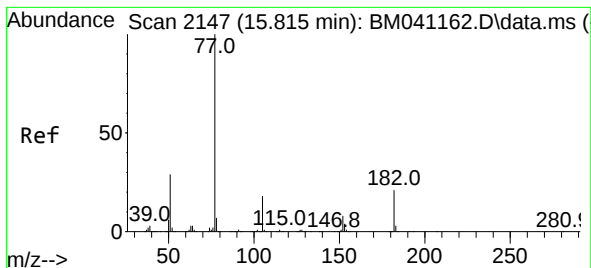


#62
4-Nitroaniline
Concen: 42.744 ng
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



Tgt Ion:138 Resp: 153777
Ion Ratio Lower Upper
138 100
92 51.6 35.1 75.1
108 91.1 67.8 107.8





#63

Azobenzene

Concen: 46.718 ng

RT: 15.792 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM041337.D

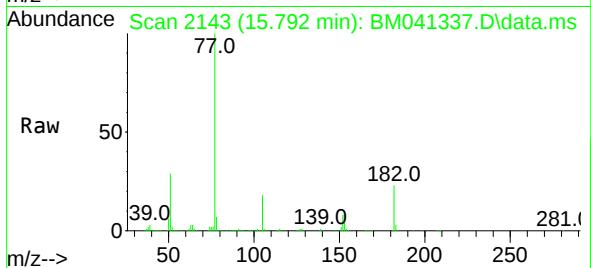
Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD



Tgt Ion: 77 Resp: 81512

Ion Ratio Lower Upper

77 100

182 23.4 1.3 41.3

105 18.3 0.0 38.5

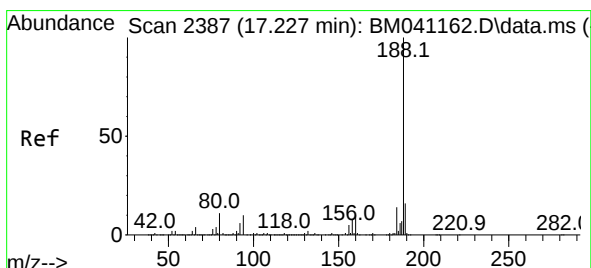
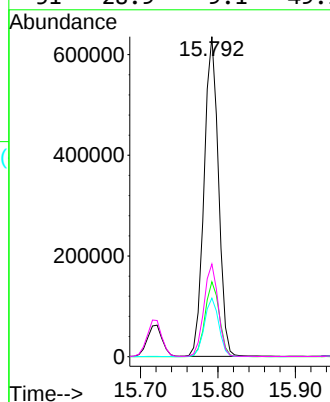
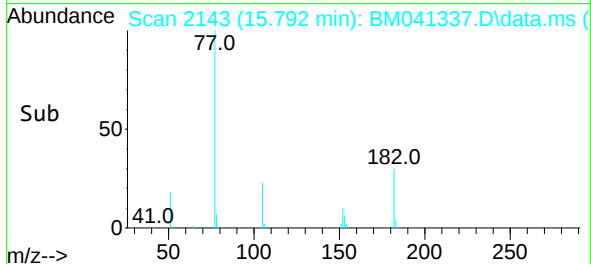
51 28.9 9.1 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

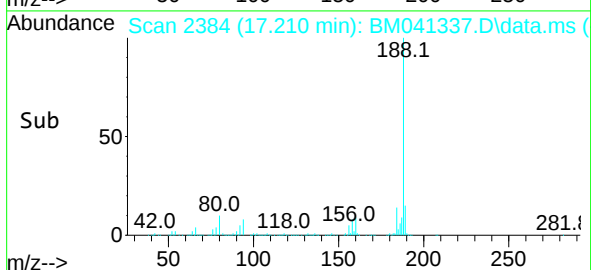
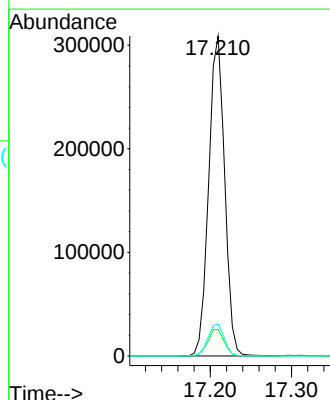
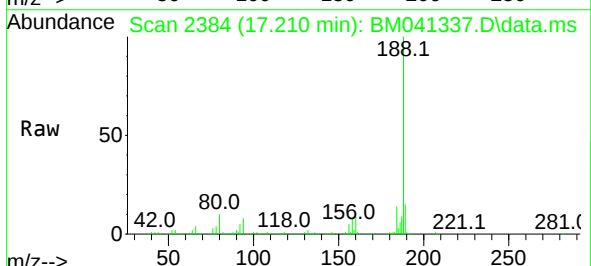
Tgt Ion:188 Resp: 420989

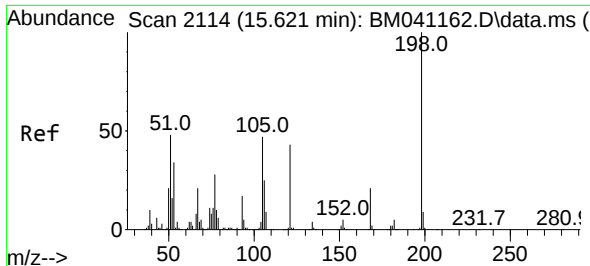
Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

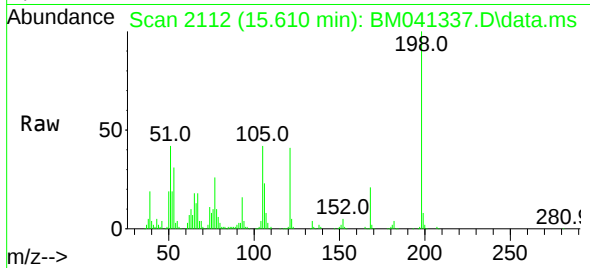
80 10.1 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 51.668 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

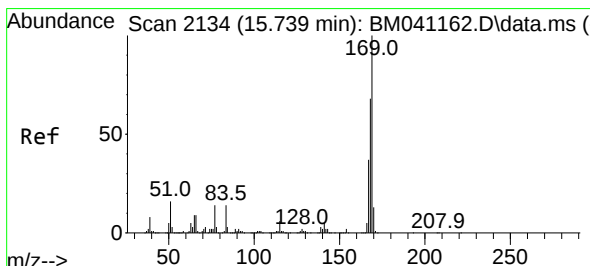
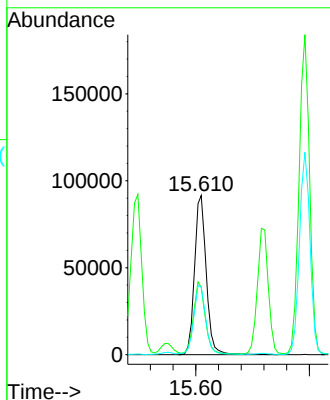
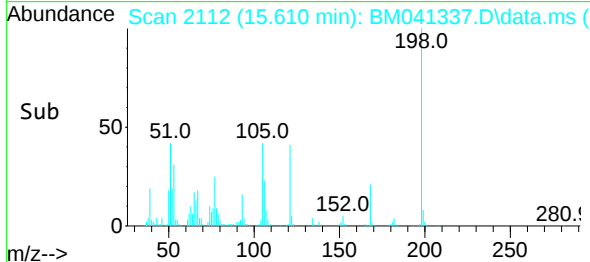
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



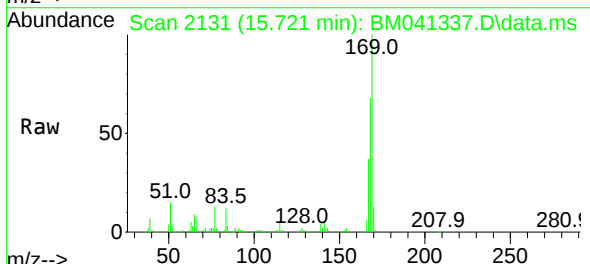
Tgt Ion:198 Resp: 13177
Ion Ratio Lower Upper
198 100
51 42.3 31.7 71.7
105 42.5 27.8 67.8

Manual Integrations
APPROVED

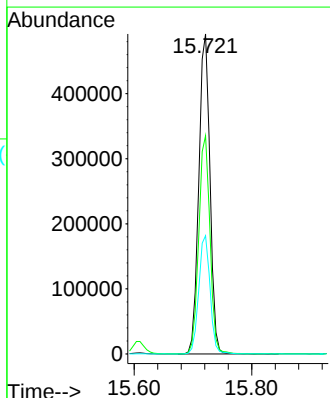
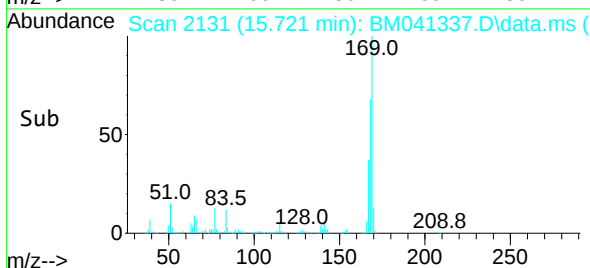
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

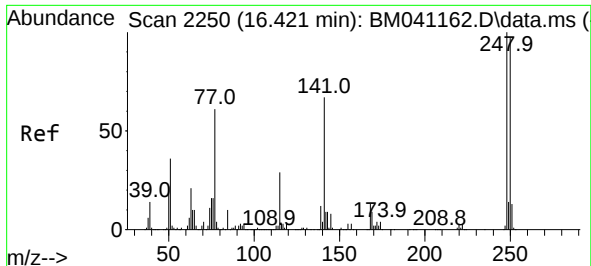


#66
n-Nitrosodiphenylamine
Concen: 49.616 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



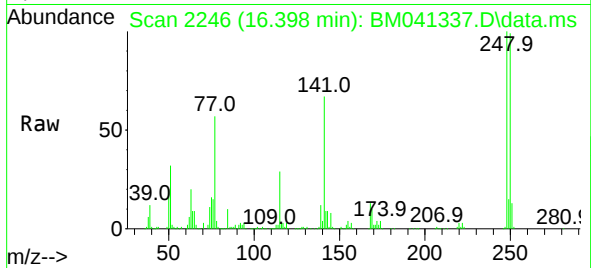
Tgt Ion:169 Resp: 649629
Ion Ratio Lower Upper
169 100
168 68.2 54.6 81.8
167 37.0 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 52.307 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

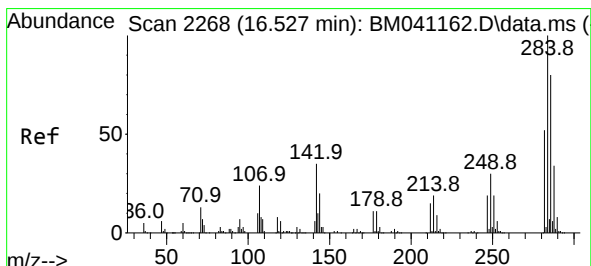
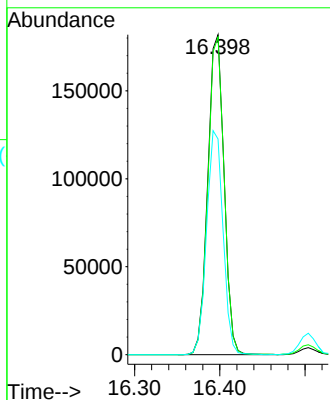
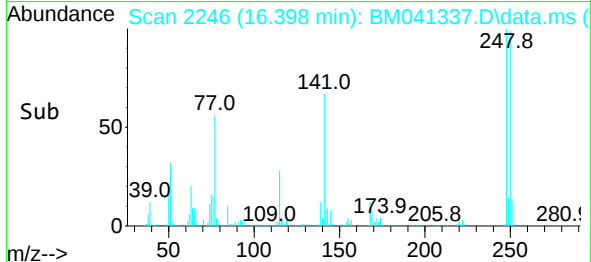
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



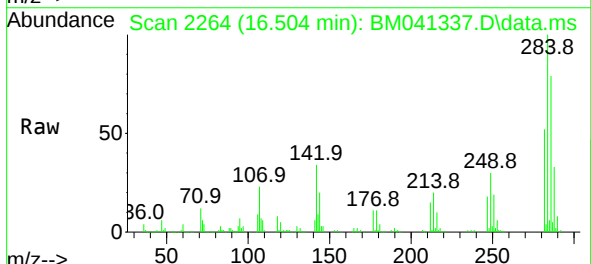
Tgt Ion:248 Resp: 24144
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 67.4 53.8 80.8

Manual Integrations
APPROVED

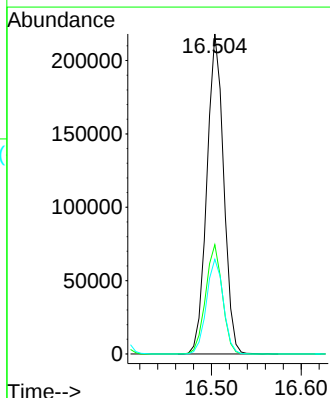
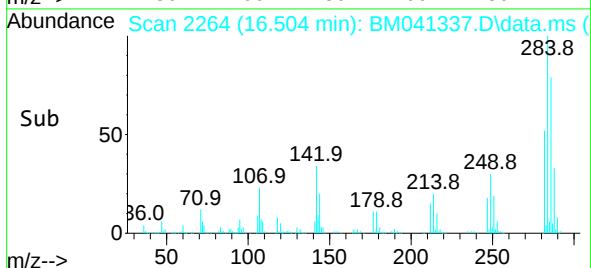
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

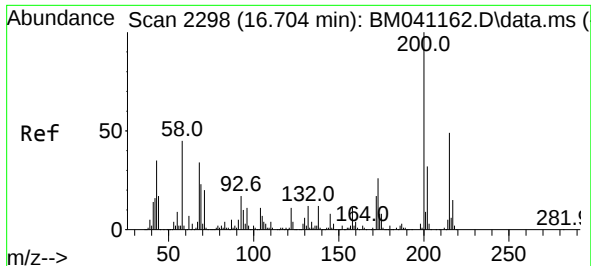


#68
Hexachlorobenzene
Concen: 55.172 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



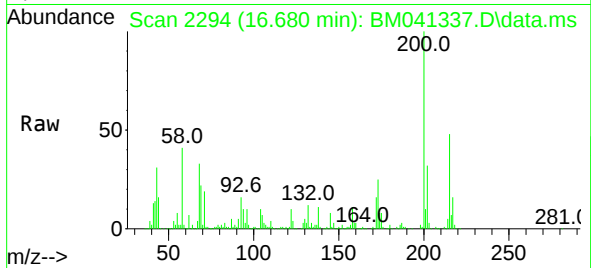
Tgt Ion:284 Resp: 283174
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 29.6 23.7 35.5





#69
Atrazine
Concen: 65.483 ng
RT: 16.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

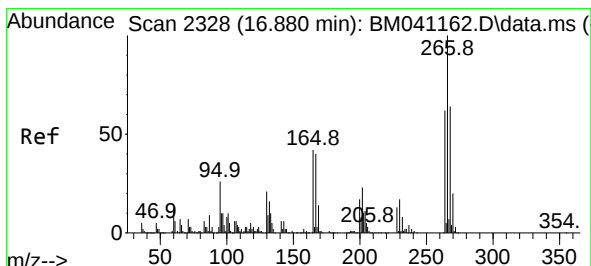
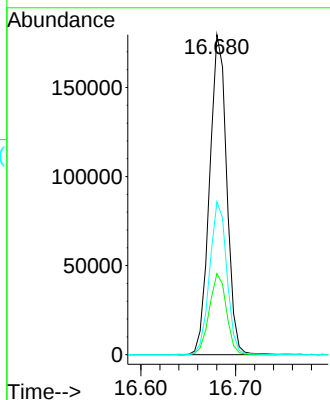
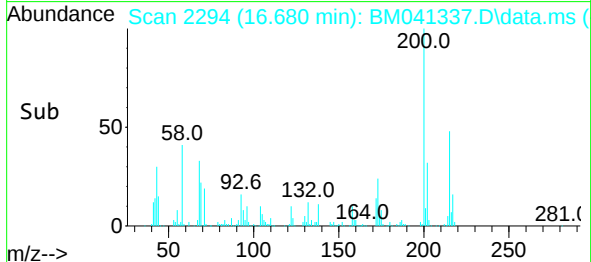
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



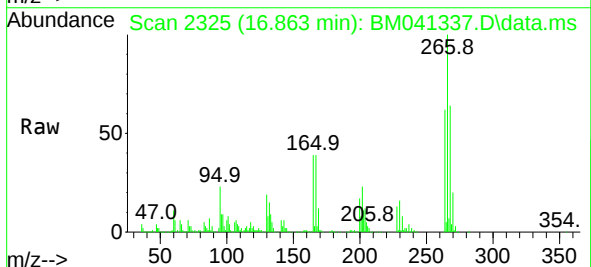
Tgt Ion:200 Resp: 225159
Ion Ratio Lower Upper
200 100
173 25.4 5.6 45.6
215 47.7 28.5 68.5

Manual Integrations
APPROVED

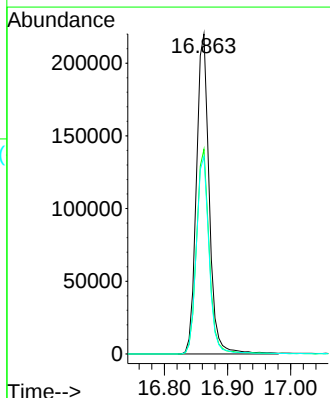
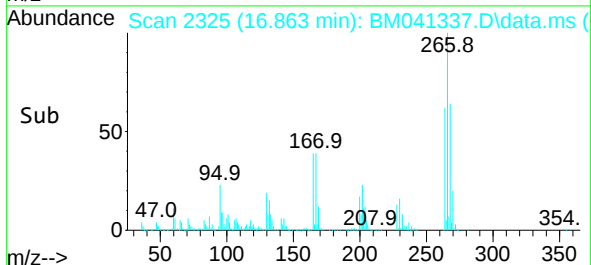
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

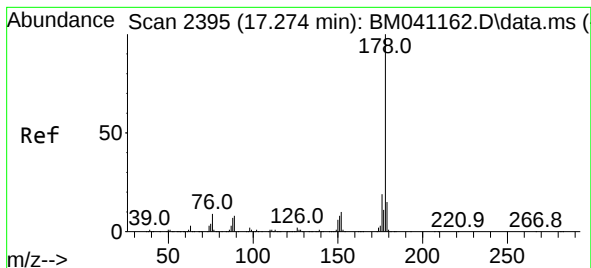


#70
Pentachlorophenol
Concen: 87.130 ng
RT: 16.863 min Scan# 2325
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



Tgt Ion:266 Resp: 309669
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 61.7 49.4 74.2





#71

Phenanthrene

Concen: 48.813 ng

RT: 17.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:178 Resp: 1141748

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

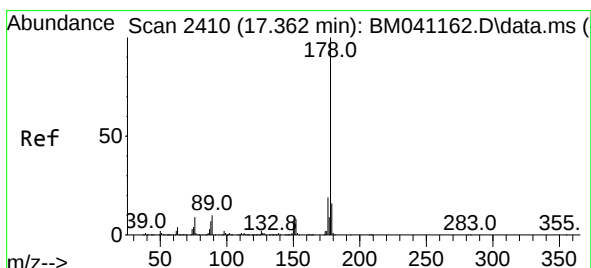
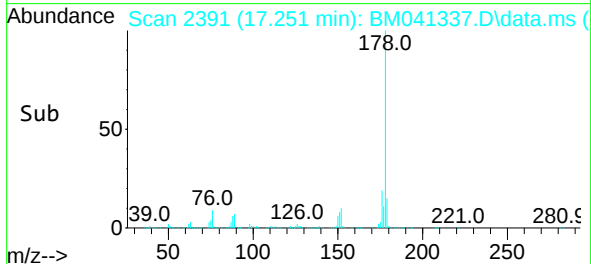
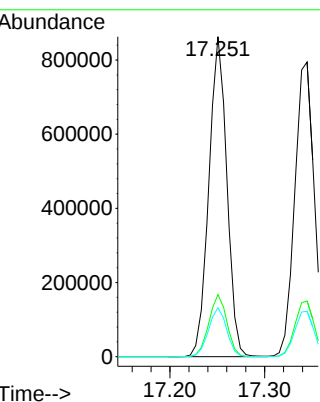
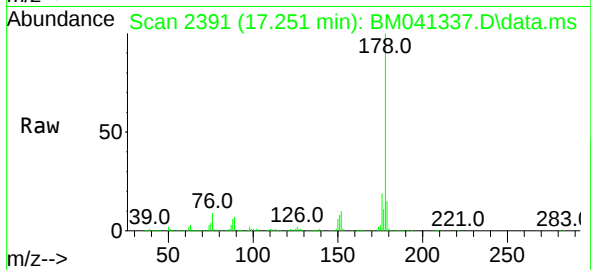
179 15.3 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#72

Anthracene

Concen: 49.470 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

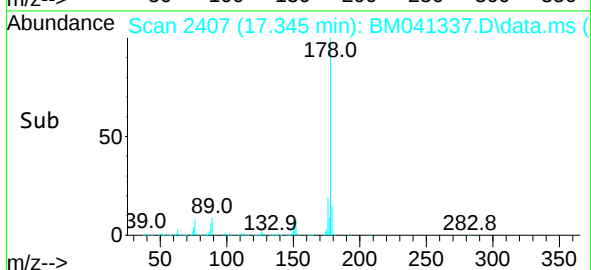
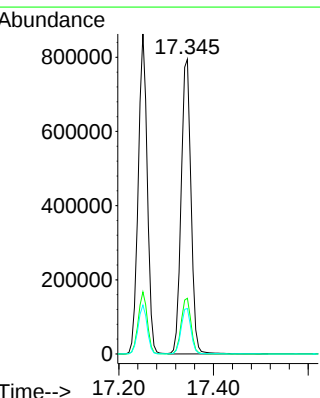
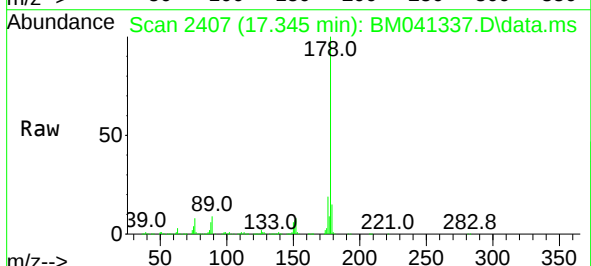
Tgt Ion:178 Resp: 1144421

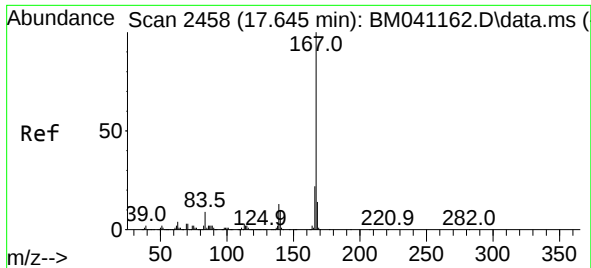
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

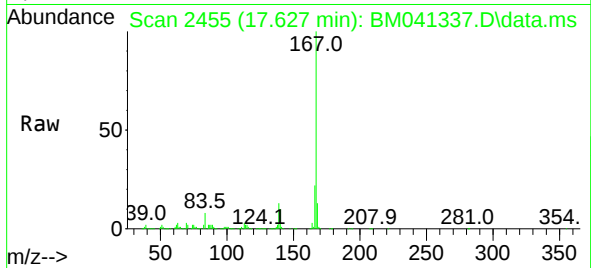
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 48.532 ng
 RT: 17.627 min Scan# 2455
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28

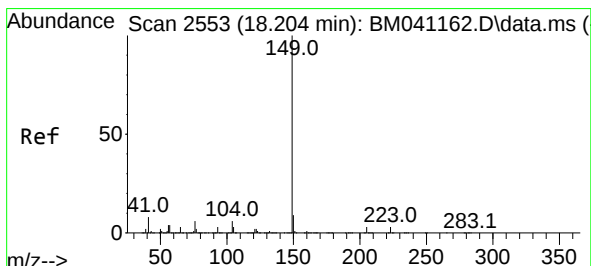
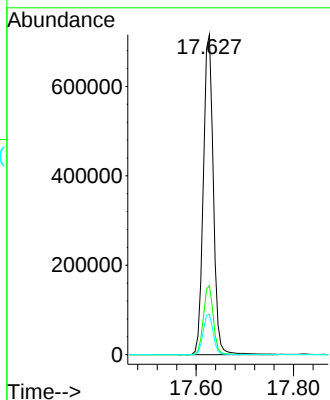
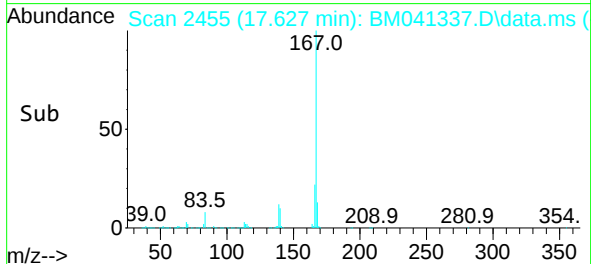
Instrument :
 BNA_M
 ClientSampleId :
 TP-36MSD



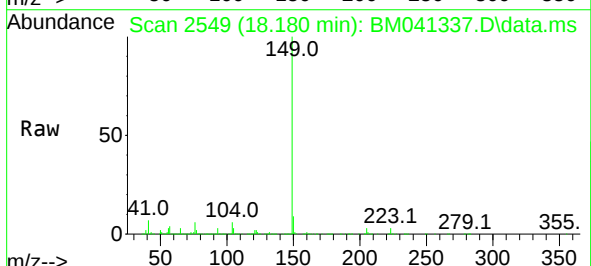
Tgt Ion:167 Resp: 101617
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.7 10.3 15.5

Manual Integrations
 APPROVED

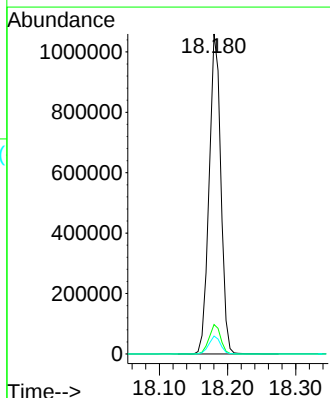
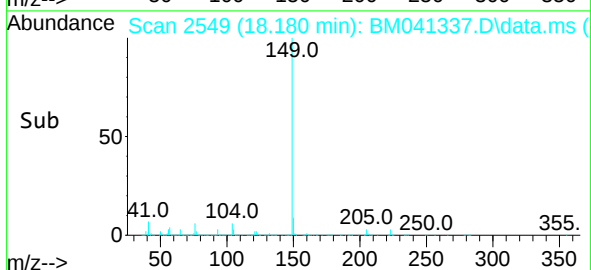
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

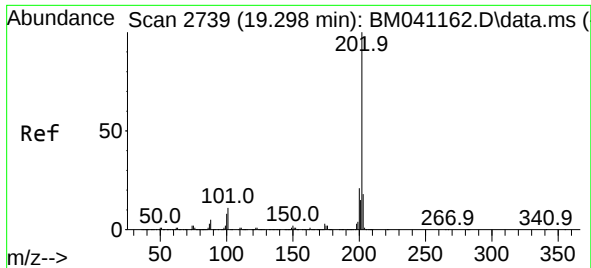


#74
 Di-n-butylphthalate
 Concen: 53.400 ng
 RT: 18.180 min Scan# 2549
 Delta R.T. -0.006 min
 Lab File: BM041337.D
 Acq: 08 Aug 2023 20:28



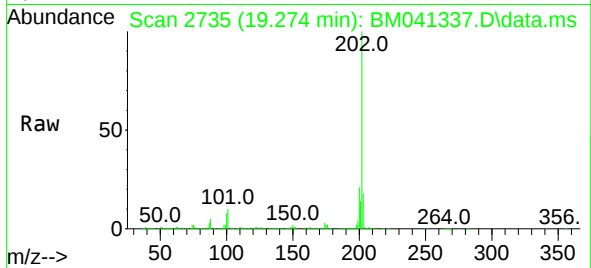
Tgt Ion:149 Resp: 1263457
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.6 4.5 6.7





#75
Fluoranthene
Concen: 48.360 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

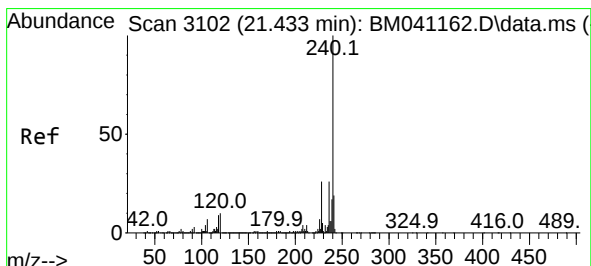
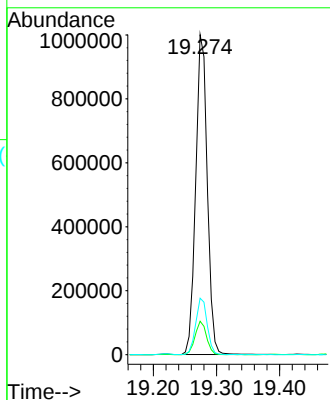
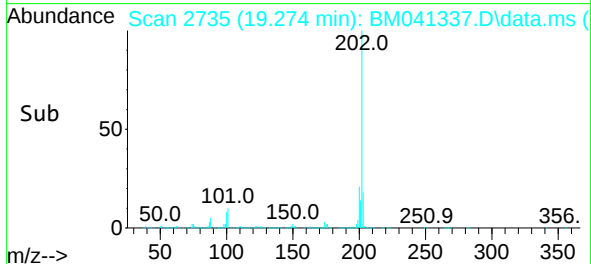
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



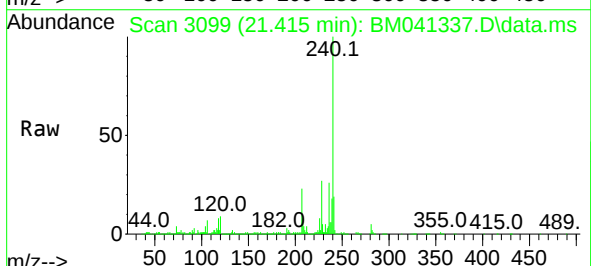
Tgt Ion:202 Resp: 1270828
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 17.6 0.0 37.6

Manual Integrations
APPROVED

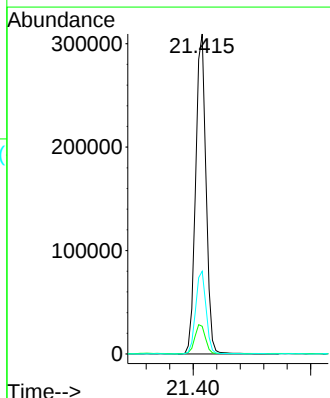
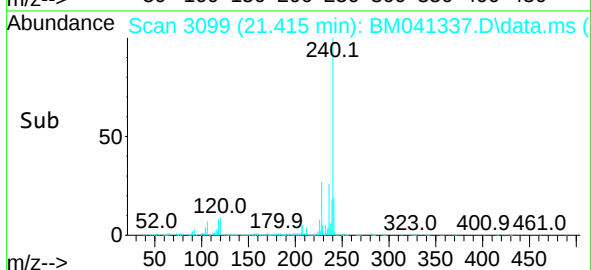
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

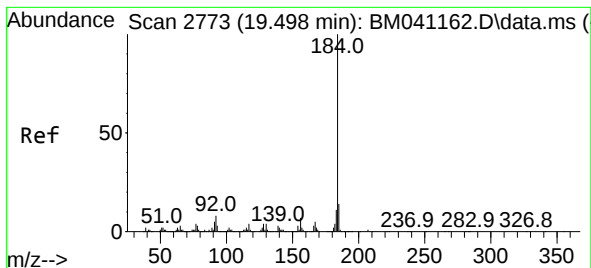


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



Tgt Ion:240 Resp: 378488
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 25.9 20.6 30.8





#77

Benzidine

Concen: 97.615 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:184 Resp: 503570

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

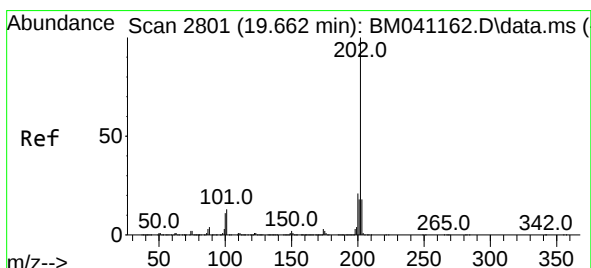
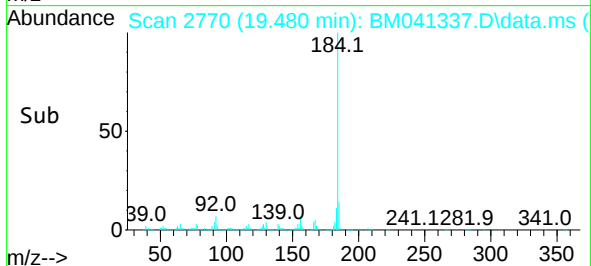
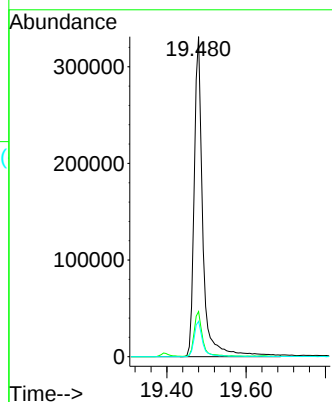
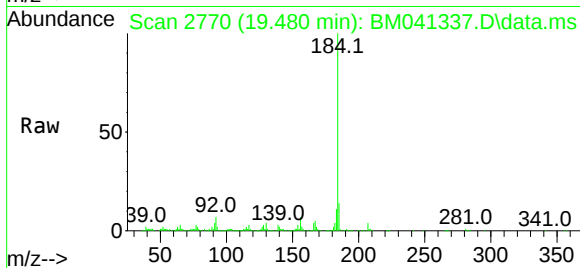
183 11.1 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#78

Pyrene

Concen: 50.667 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

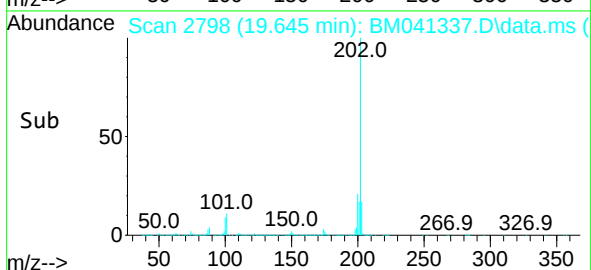
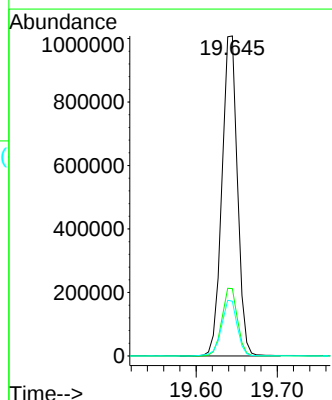
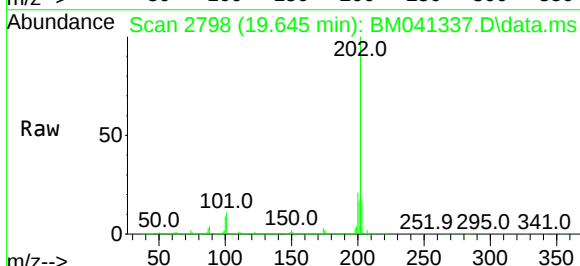
Tgt Ion:202 Resp: 1341074

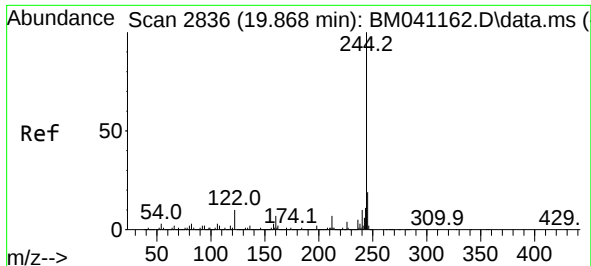
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

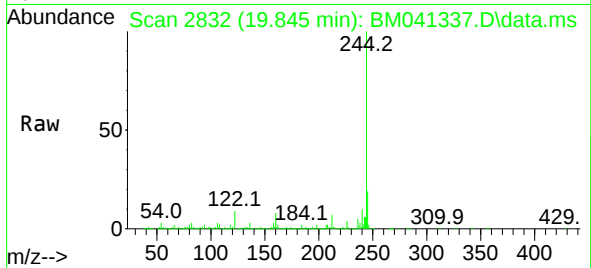
203 17.1 14.1 21.1





#79
Terphenyl-d14
Concen: 67.011 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

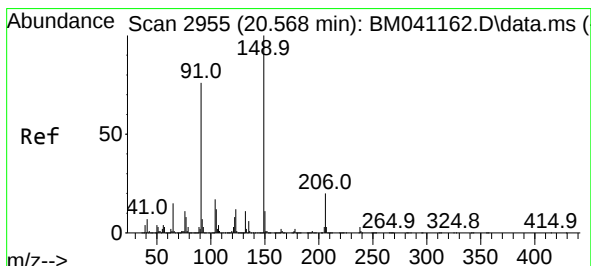
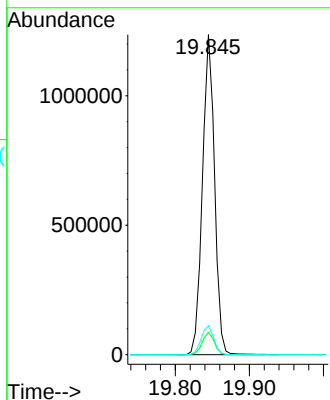
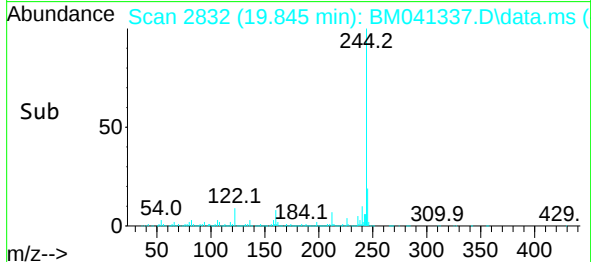
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



Tgt Ion:244 Resp: 1402779
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.1 7.8 11.6

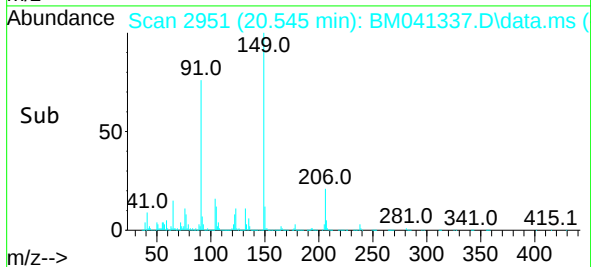
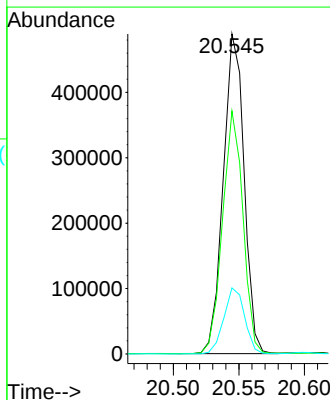
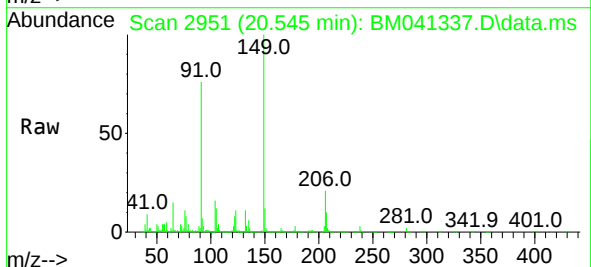
Manual Integrations
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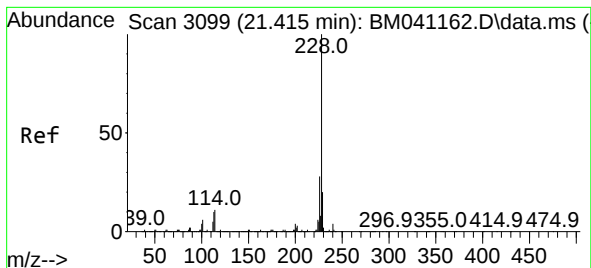
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#80
Butylbenzylphthalate
Concen: 55.859 ng
RT: 20.545 min Scan# 2951
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

Tgt Ion:149 Resp: 539912
Ion Ratio Lower Upper
149 100
91 75.9 60.8 91.2
206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.471 ng

RT: 21.398 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:228 Resp: 129501

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

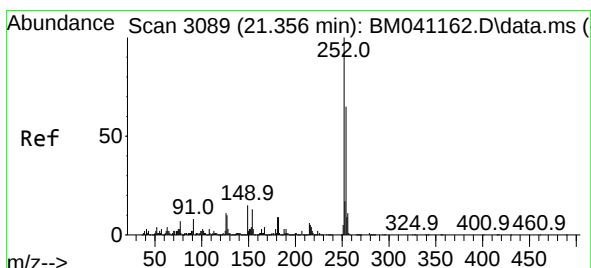
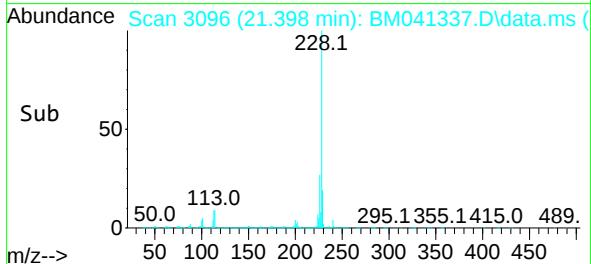
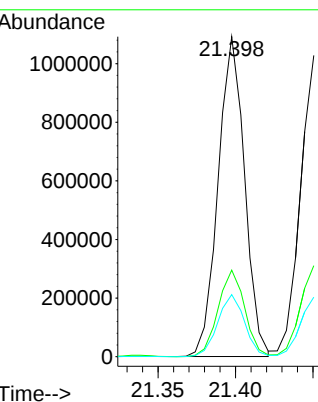
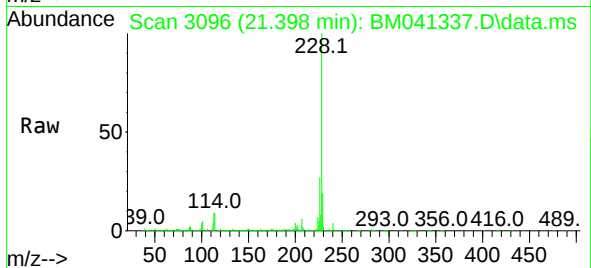
229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#82

3,3'-Dichlorobenzidine

Concen: 45.058 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

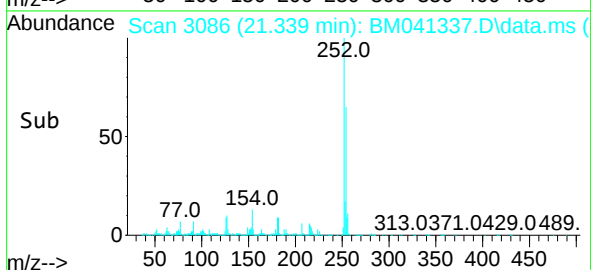
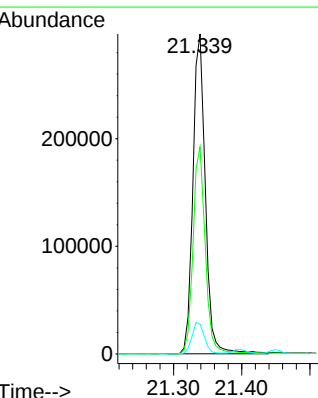
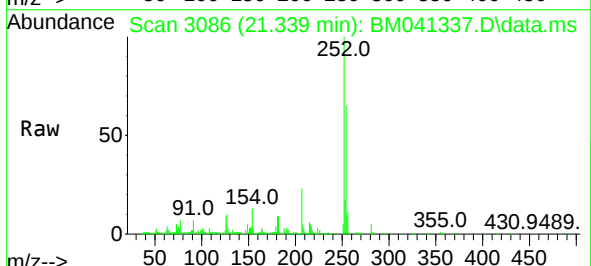
Tgt Ion:252 Resp: 377251

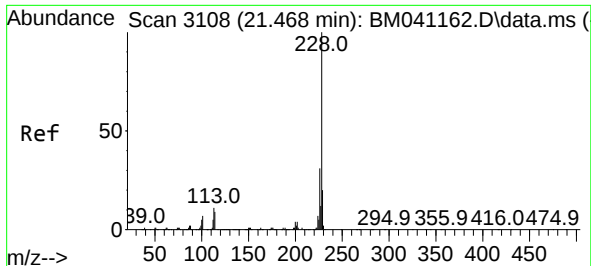
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

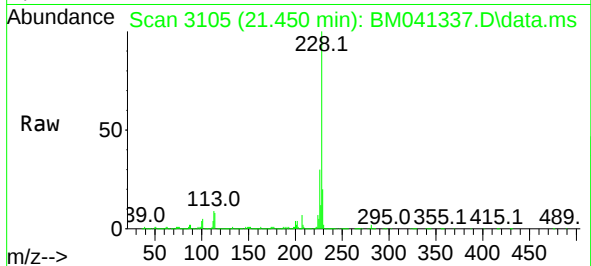
126 9.3 8.6 13.0





#83
Chrysene
Concen: 47.863 ng
RT: 21.450 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

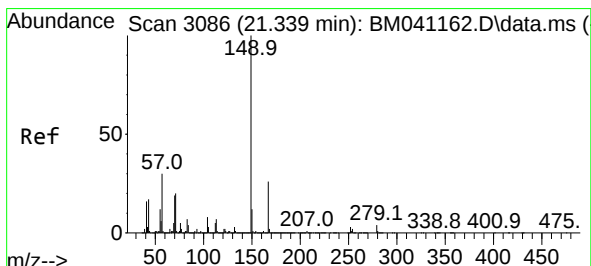
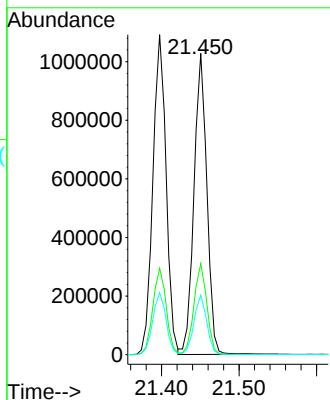
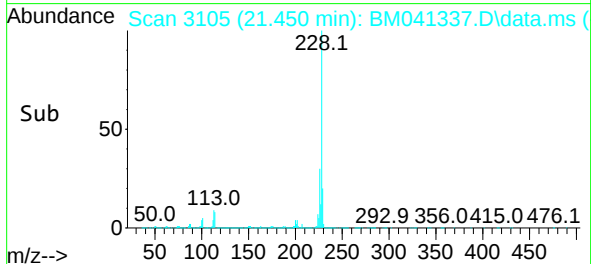
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



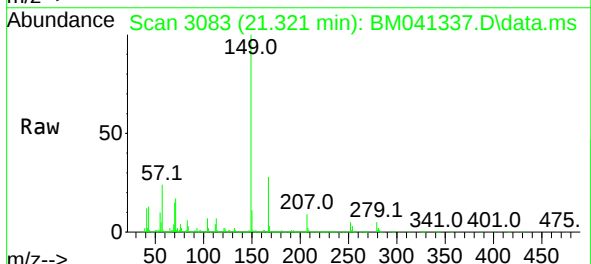
Tgt Ion:228 Resp: 1187864
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.8 15.8 23.8

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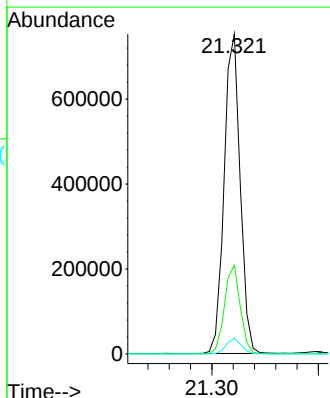
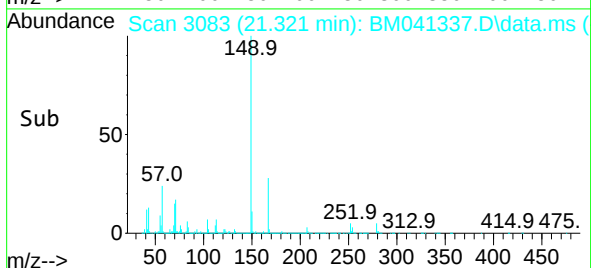
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

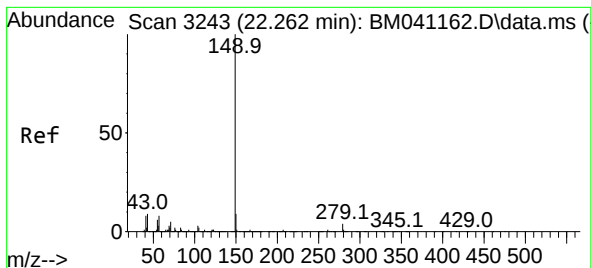


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.916 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



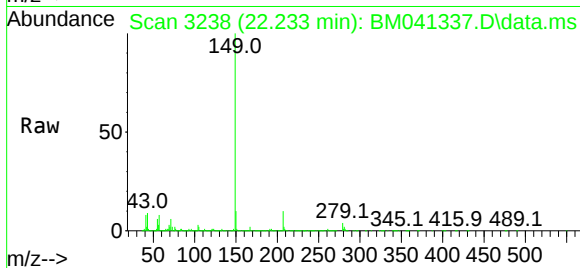
Tgt Ion:149 Resp: 784049
Ion Ratio Lower Upper
149 100
167 27.8 21.0 31.6
279 4.9 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 54.902 ng
RT: 22.233 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

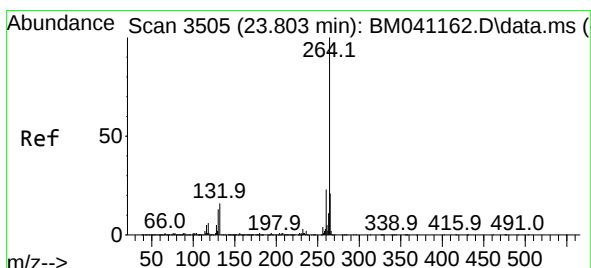
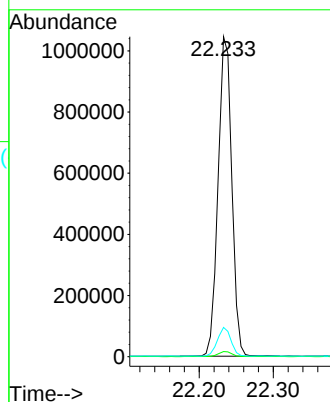
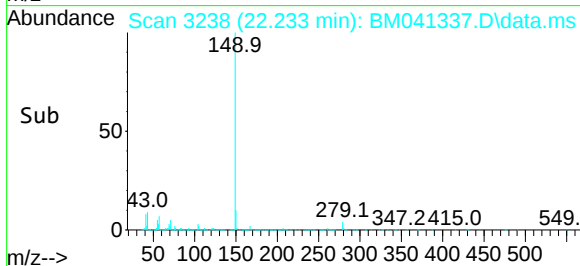
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



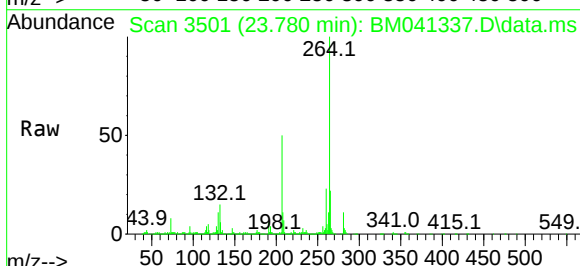
Tgt Ion:149 Resp: 1341169
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.3 12.5

Manual Integrations
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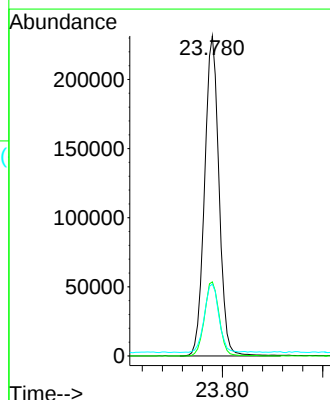
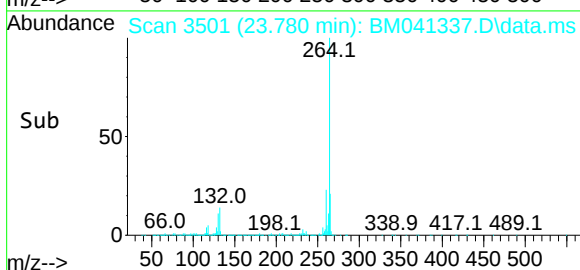
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

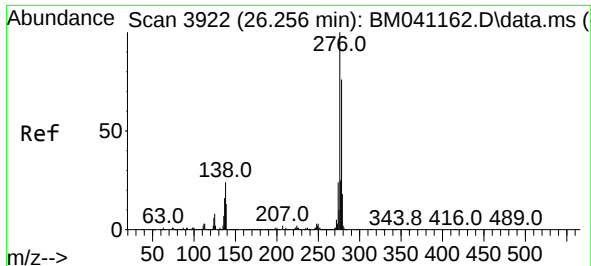


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



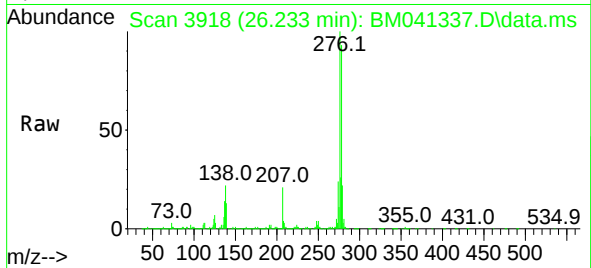
Tgt Ion:264 Resp: 461747
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 22.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.255 ng
RT: 26.233 min Scan# 3918
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28

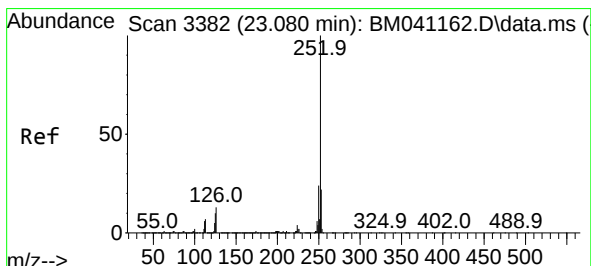
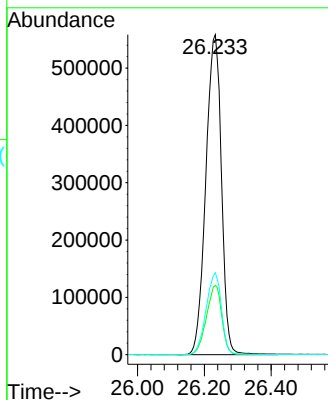
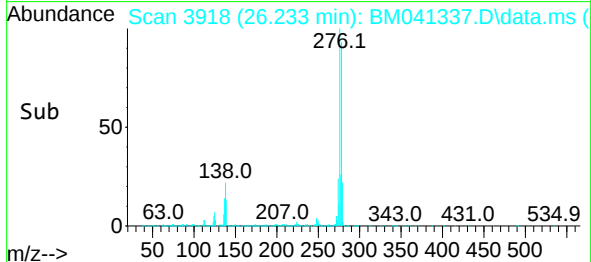
Instrument :
BNA_M
ClientSampleId :
TP-36MSD



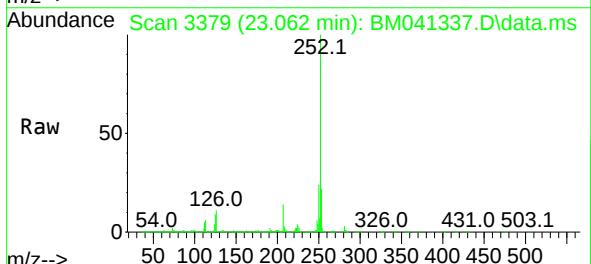
Tgt Ion: 276 Resp: 1807918
Ion Ratio Lower Upper
276 100
138 21.4 20.0 30.0
277 25.3 20.1 30.1

Manual Integrations
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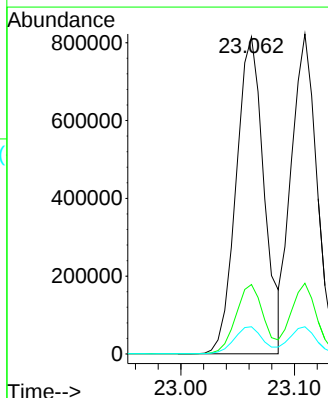
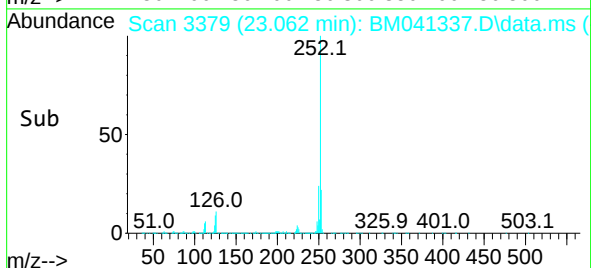
Reviewed By : Yogesh Patel 08/09/2023
Supervised By : mohammad ahmed 08/09/2023

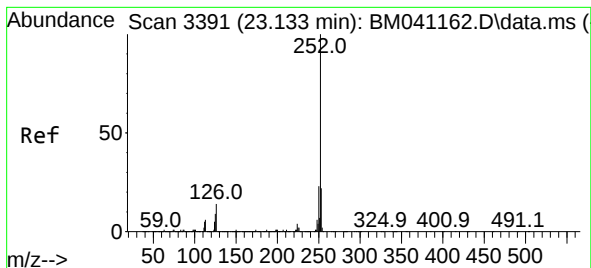


#88
Benzo(b)fluoranthene
Concen: 50.792 ng
RT: 23.062 min Scan# 3379
Delta R.T. -0.012 min
Lab File: BM041337.D
Acq: 08 Aug 2023 20:28



Tgt Ion: 252 Resp: 1393260
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.672 ng

RT: 23.109 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:252 Resp: 1281510

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

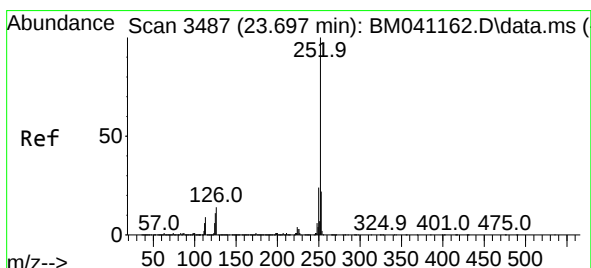
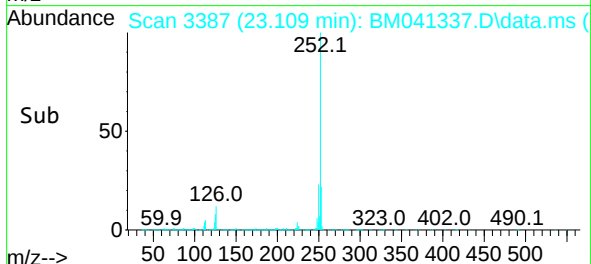
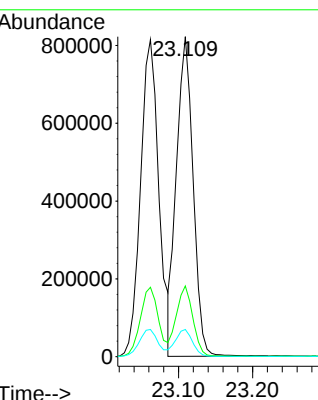
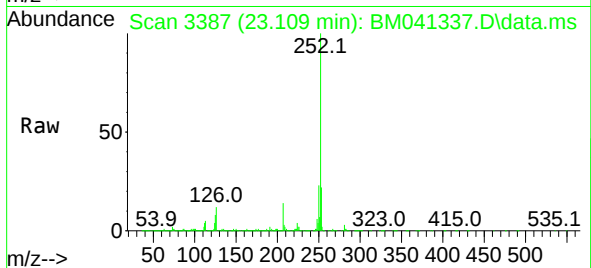
125 8.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#90

Benzo(a)pyrene

Concen: 46.830 ng

RT: 23.674 min Scan# 3483

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

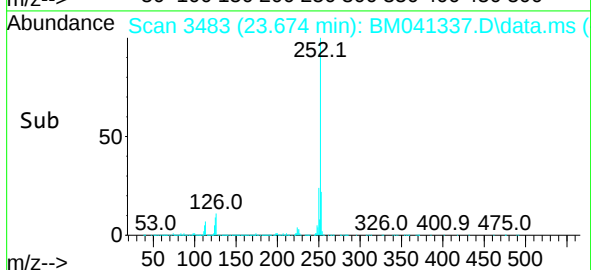
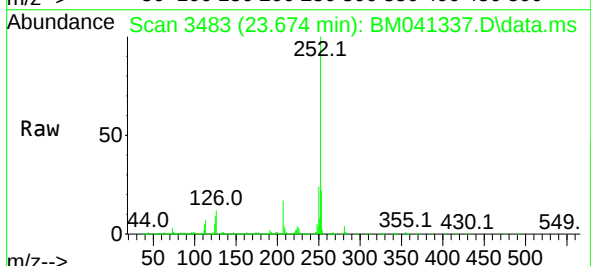
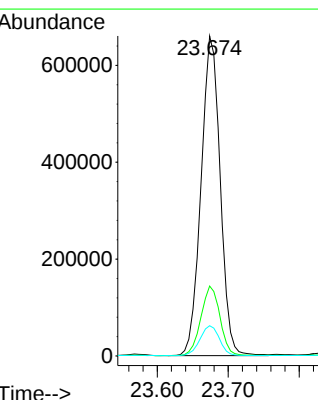
Tgt Ion:252 Resp: 1234296

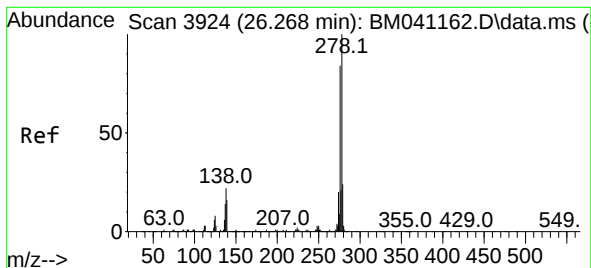
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 53.633 ng

RT: 26.244 min Scan# 3924

Delta R.T. -0.012 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Instrument :

BNA_M

ClientSampleId :

TP-36MSD

Tgt Ion:278 Resp: 151866

Ion Ratio Lower Upper

278 100

139 13.1 12.7 19.1

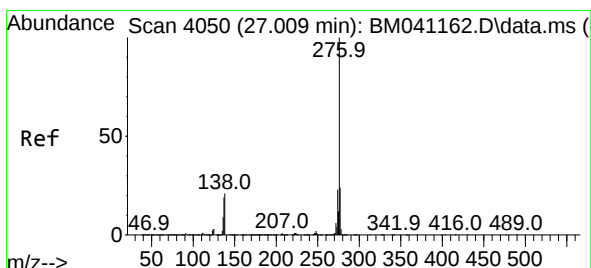
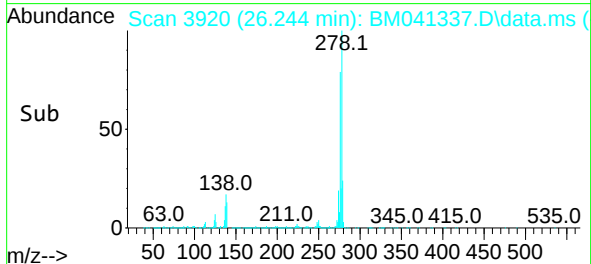
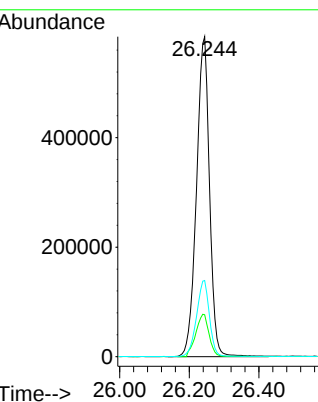
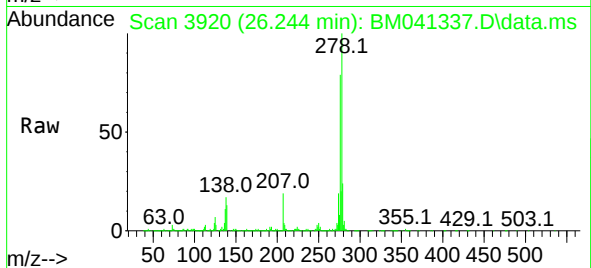
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#92

Benzo(g,h,i)perylene

Concen: 52.277 ng

RT: 26.980 min Scan# 4045

Delta R.T. -0.018 min

Lab File: BM041337.D

Acq: 08 Aug 2023 20:28

Tgt Ion:276 Resp: 1448408

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 18.2 17.1 25.7

