

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102324\
 Data File : BM048207.D
 Acq On : 23 Oct 2024 17:02
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 18:02:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 23 17:45:46 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	220902	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	860065	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	526464	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	1034551	20.000	ng	0.00
76) Chrysene-d12	21.339	240	907221	20.000	ng	0.00
86) Perylene-d12	24.291	264	1108351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	2028320	154.344	ng	0.00
7) Phenol-d6	6.910	99	2632492	153.816	ng	0.00
23) Nitrobenzene-d5	8.887	82	2355579	154.643	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	982069	152.401	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	4988797	145.410	ng	0.00
79) Terphenyl-d14	19.739	244	6582557	148.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	382219	71.053	ng	99
3) Pyridine	3.605	79	1085468m	76.086	ng	
4) n-Nitrosodimethylamine	3.516	42	454677	74.939	ng	98
6) Aniline	7.057	93	938883	66.089	ng	99
8) 2-Chlorophenol	7.293	128	1101787	77.170	ng	99
10) Phenol	6.940	94	1342110	77.944	ng	99
11) bis(2-Chloroethyl)ether	7.151	93	1059660	77.263	ng	100
12) 1,3-Dichlorobenzene	7.610	146	1229854	74.716	ng	100
13) 1,4-Dichlorobenzene	7.757	146	1250243	74.765	ng	99
14) 1,2-Dichlorobenzene	8.075	146	1193339	73.839	ng	100
15) Benzyl Alcohol	7.975	79	870627	79.738	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1464181	72.989	ng	99
17) 2-Methylphenol	8.181	107	886368	77.468	ng	98
18) Hexachloroethane	8.798	117	462021	75.382	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	778171	71.870	ng	98
20) 3+4-Methylphenols	8.510	107	1229458	77.568	ng	98
22) Acetophenone	8.551	105	1586445	75.580	ng	98
24) Nitrobenzene	8.928	77	1211841	76.784	ng	98
25) Isophorone	9.457	82	2142976	76.752	ng	100
26) 2-Nitrophenol	9.634	139	618383	84.859	ng	99
27) 2,4-Dimethylphenol	9.704	122	713271	80.677	ng	99
28) bis(2-Chloroethoxy)met...	9.934	93	1380185	78.117	ng	99
29) 2,4-Dichlorophenol	10.175	162	1031388	81.095	ng	100
30) 1,2,4-Trichlorobenzene	10.381	180	1123388	77.123	ng	100
31) Naphthalene	10.563	128	3393311	75.646	ng	100
32) Benzoic acid	9.910	122	887302	89.775	ng	99
33) 4-Chloroaniline	10.687	127	1027262	70.610	ng	99
34) Hexachlorobutadiene	10.851	225	686284	76.020	ng	97
35) Caprolactam	11.504	113	338829	82.144	ng	99
36) 4-Chloro-3-methylphenol	11.822	107	1057826	79.675	ng	100
37) 2-Methylnaphthalene	12.181	142	2260440	75.421	ng	99
38) 1-Methylnaphthalene	12.404	142	2230592	75.055	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1168631	77.663	ng	99
41) Hexachlorocyclopentadiene	12.533	237	402944	79.133	ng	97
43) 2,4,6-Trichlorophenol	12.804	196	803779	80.491	ng	99
44) 2,4,5-Trichlorophenol	12.880	196	890729	79.988	ng	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.204	154	2845451	75.702	ng	100
47) 2-Chloronaphthalene	13.245	162	2257326	76.166	ng	99
48) 2-Nitroaniline	13.451	65	665724	82.820	ng	99
49) Acenaphthylene	14.092	152	3327325	76.952	ng	99
50) Dimethylphthalate	13.839	163	2722705	75.757	ng	99
51) 2,6-Dinitrotoluene	13.951	165	651041	81.185	ng	98
52) Acenaphthene	14.433	154	2069358	75.321	ng	99
53) 3-Nitroaniline	14.286	138	607949	80.389	ng	96
54) 2,4-Dinitrophenol	14.492	184	410527	87.605	ng	96
55) Dibenzofuran	14.769	168	3220815	73.789	ng	99
56) 4-Nitrophenol	14.610	139	571964	84.742	ng	99
57) 2,4-Dinitrotoluene	14.745	165	880658	83.161	ng	98
58) Fluorene	15.421	166	2477076	71.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	711895	77.127	ng	100
60) Diethylphthalate	15.198	149	2760291	75.856	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	1250232	72.445	ng	99
62) 4-Nitroaniline	15.451	138	691122	88.303	ng	99
63) Azobenzene	15.704	77	2484551	76.180	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	530349	88.353	ng	95
66) n-Nitrosodiphenylamine	15.633	169	2155575	75.900	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	808728	77.103	ng	99
68) Hexachlorobenzene	16.421	284	958616	76.094	ng	98
70) Pentachlorophenol	16.768	266	679039	82.099	ng	100
71) Phenanthrene	17.157	178	3849832	75.151	ng	99
72) Anthracene	17.245	178	3791795	76.462	ng	100
73) Carbazole	17.521	167	3771725	77.584	ng	100
74) Di-n-butylphthalate	18.080	149	4806034	79.423	ng	99
75) Fluoranthene	19.168	202	4621473	75.627	ng	99
77) Benzidine	19.357	184	808103	77.181	ng	100
78) Pyrene	19.533	202	4824103	79.444	ng	100
80) Butylbenzylphthalate	20.433	149	2176372	85.709	ng	99
81) Benzo(a)anthracene	21.321	228	4560643	78.667	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	1530506	77.073	ng	98
83) Chrysene	21.386	228	4272014	76.770	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2986988	80.935	ng	100
85) Di-n-octyl phthalate	22.362	149	5616584	87.870	ng	99
87) Indeno(1,2,3-cd)pyrene	27.638	276	5765631	78.667	ng	100
88) Benzo(b)fluoranthene	23.368	252	4971836	78.237	ng	99
89) Benzo(k)fluoranthene	23.433	252	4643246	75.572	ng	99
90) Benzo(a)pyrene	24.162	252	4354342	78.814	ng	99
91) Dibenzo(a,h)anthracene	27.691	278	4739552	77.655	ng	100
92) Benzo(g,h,i)perylene	28.691	276	4889796	78.238	ng	99

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

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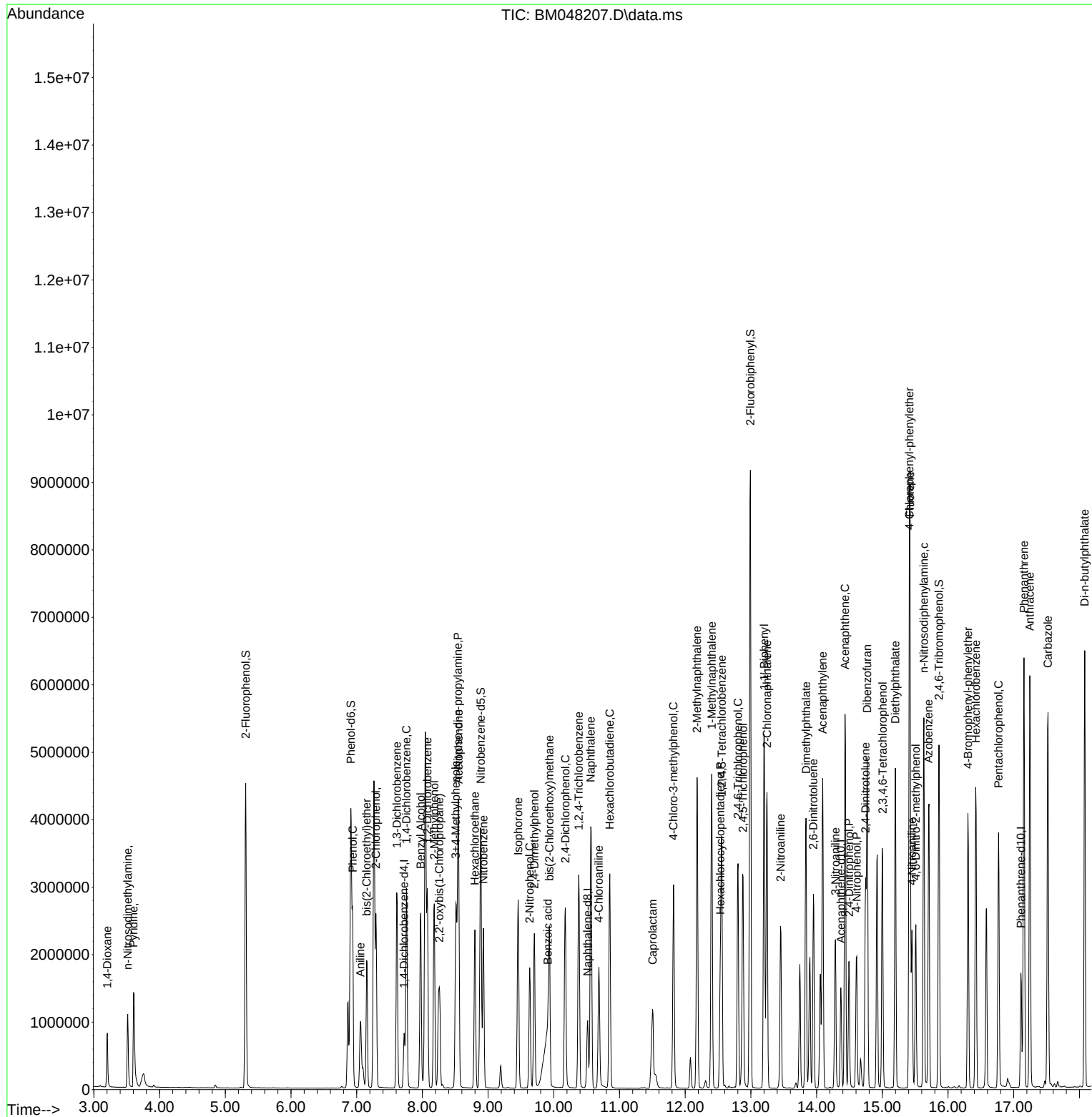
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024

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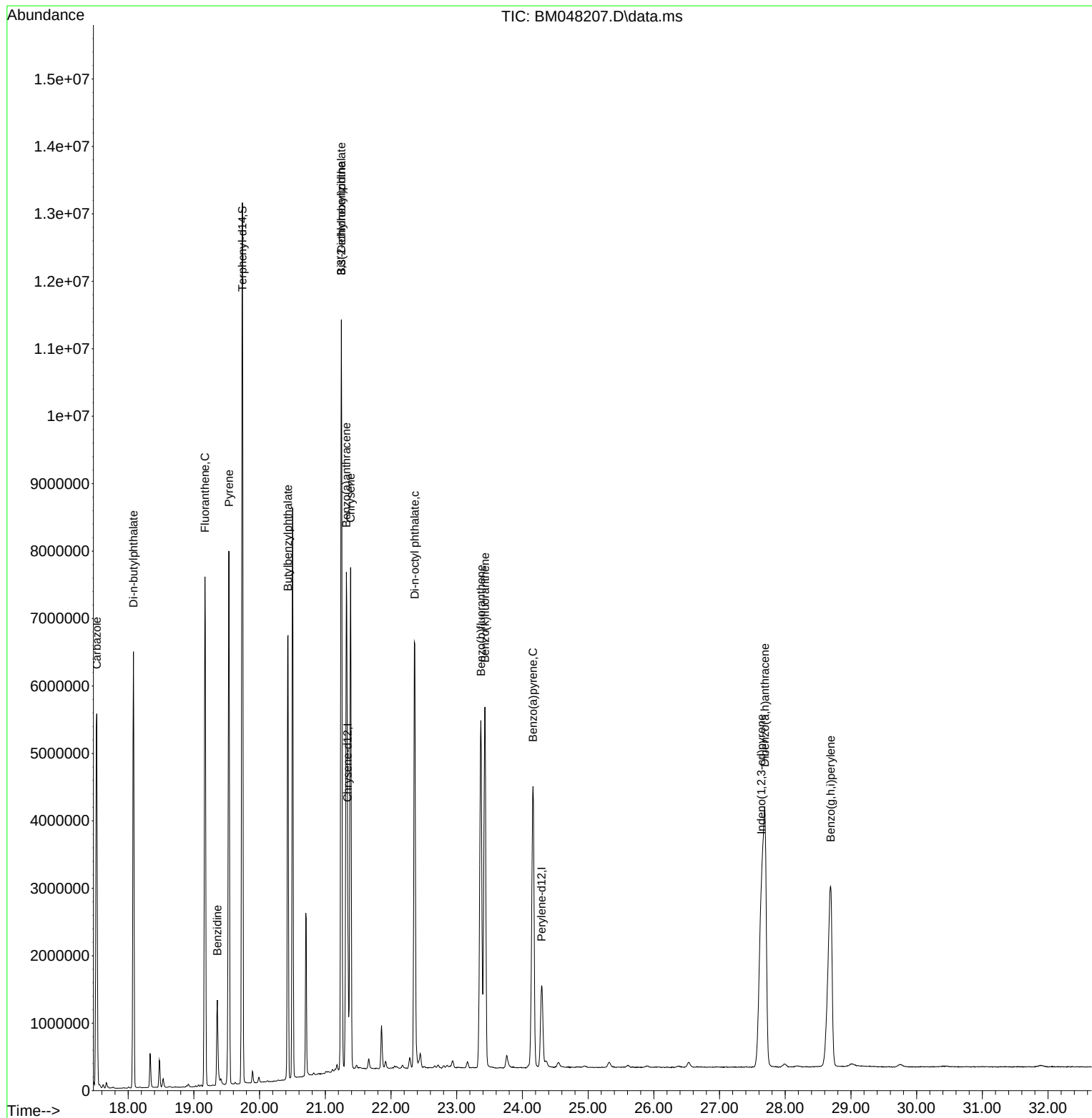
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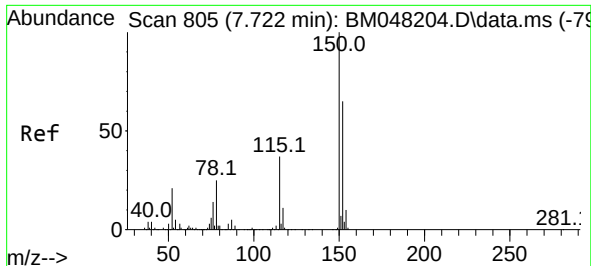
Instrument :
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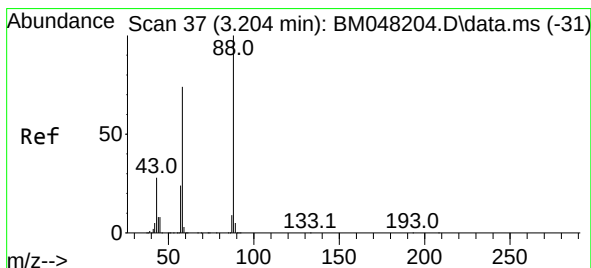
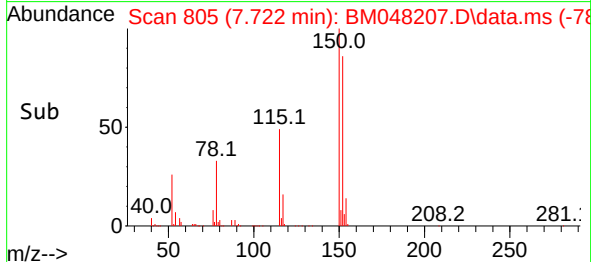
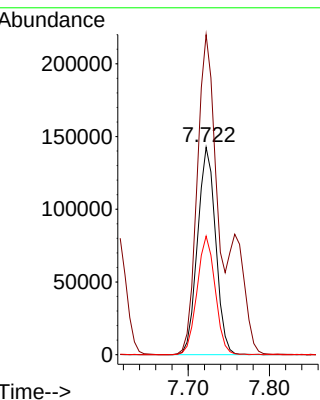
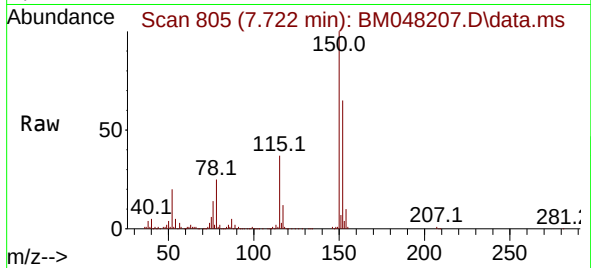
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 220902
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.6
115 57.2 45.8 68.6

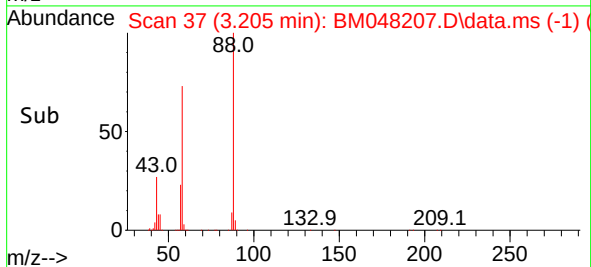
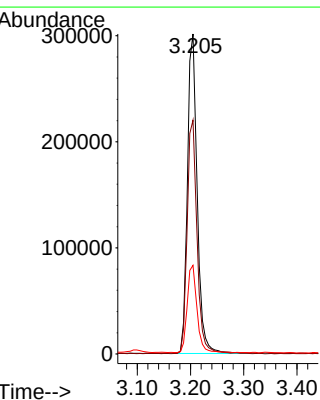
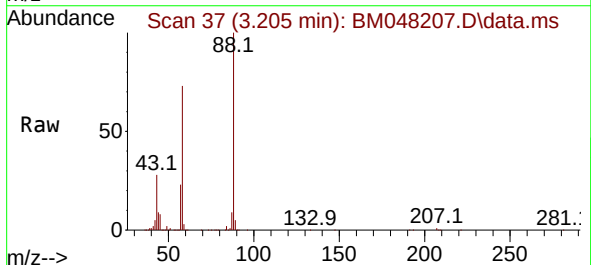
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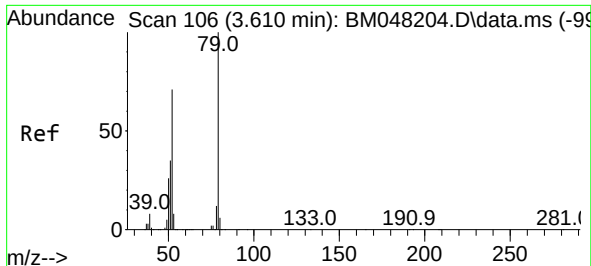
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#2
1,4-Dioxane
Concen: 71.053 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

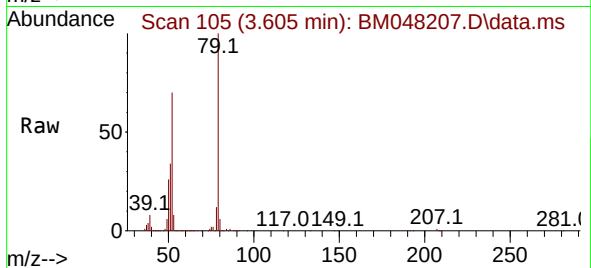
Tgt Ion: 88 Resp: 382219
Ion Ratio Lower Upper
88 100
58 74.0 59.7 89.5
43 27.5 22.6 33.8





#3
Pyridine
Concen: 76.086 ng/ml
RT: 3.605 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

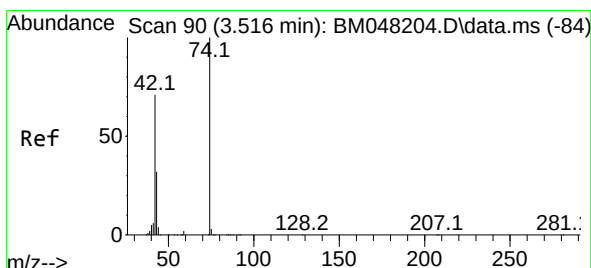
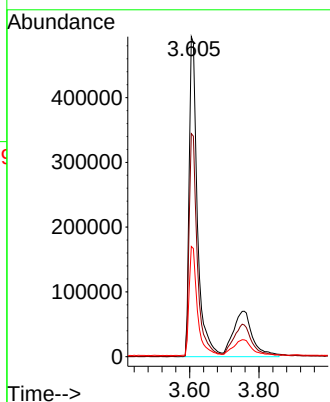
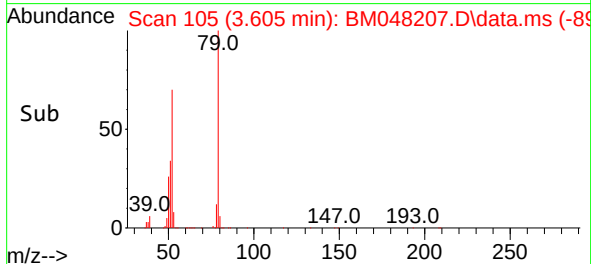
Instrument :
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SSTDICC080



Tgt Ion: 79 Resp: 108546
Ion Ratio Lower Upper
79 100
52 69.7 56.5 84.7
51 34.5 28.5 42.7

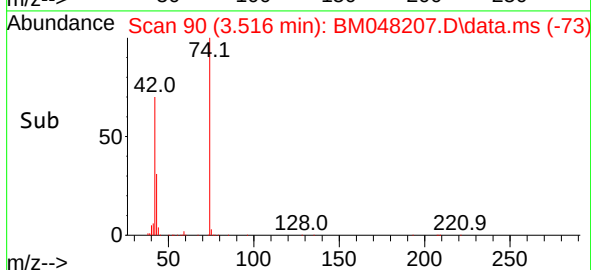
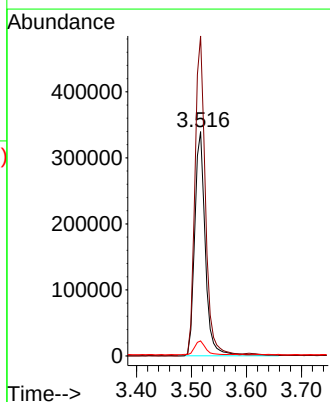
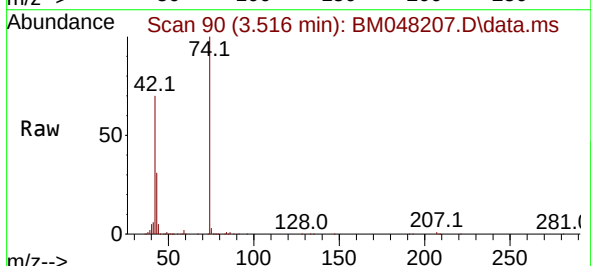
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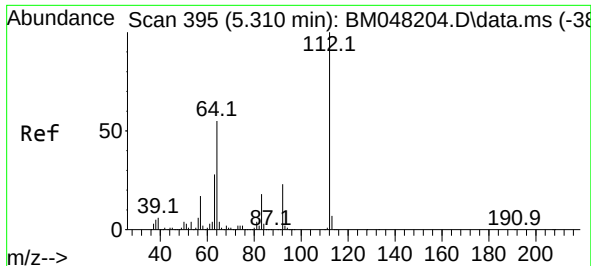
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#4
n-Nitrosodimethylamine
Concen: 74.939 ng/ml
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion: 42 Resp: 454677
Ion Ratio Lower Upper
42 100
74 142.7 111.8 167.6
44 6.7 6.0 9.0





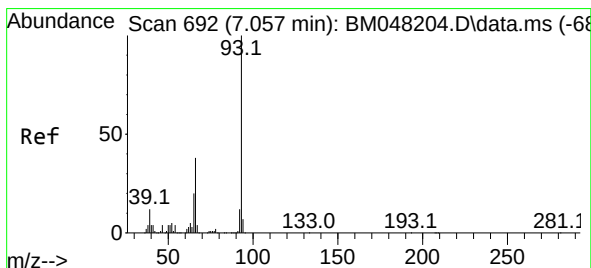
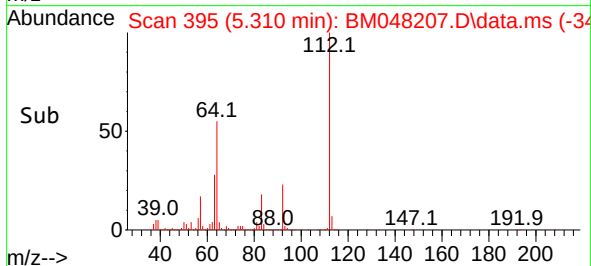
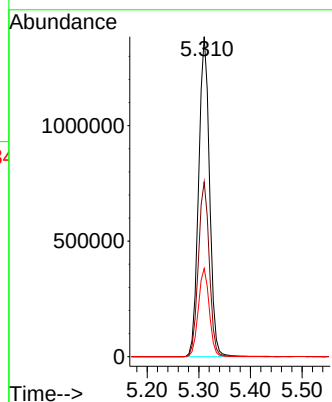
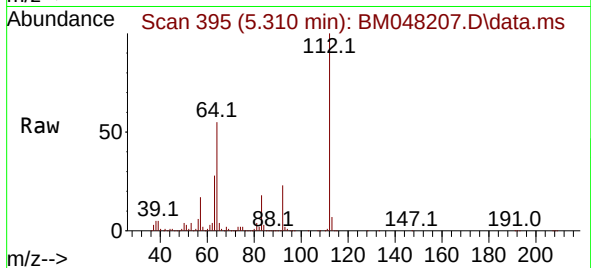
#5
2-Fluorophenol
Concen: 154.344 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

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Tgt Ion:112 Resp: 2028320
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.5 22.7 34.1

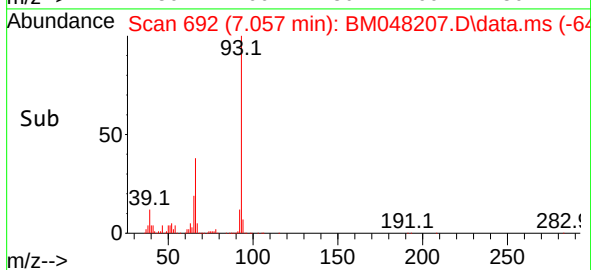
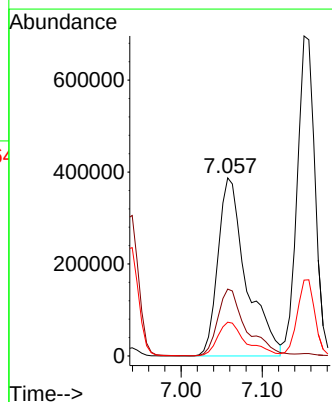
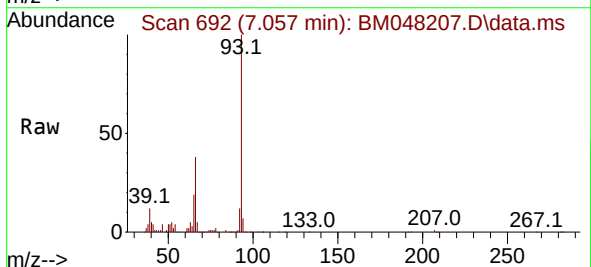
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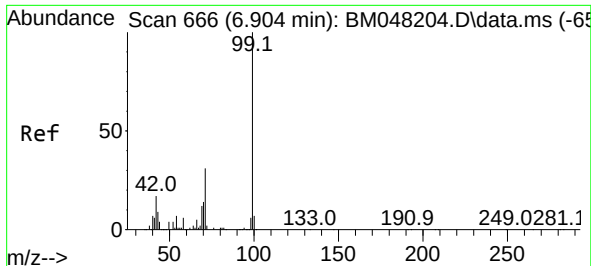
Reviewed By :Yogesh Patel 10/24/2024
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#6
Aniline
Concen: 66.089 ng
RT: 7.057 min Scan# 692
Delta R.T. 0.000 min
Lab File: BM048207.D
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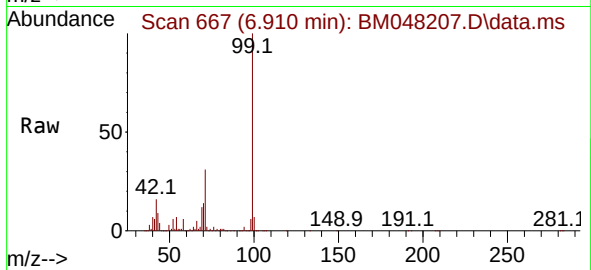
Tgt Ion: 93 Resp: 938883
Ion Ratio Lower Upper
93 100
66 37.6 30.2 45.2
65 19.0 16.2 24.2





#7
Phenol-d6
Concen: 153.816 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

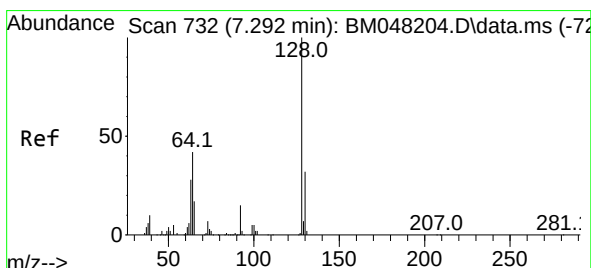
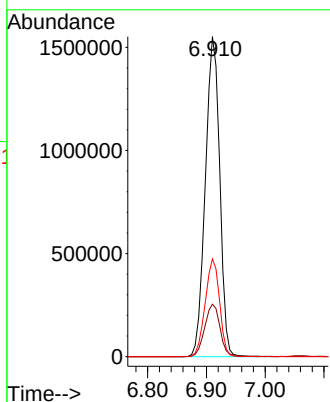
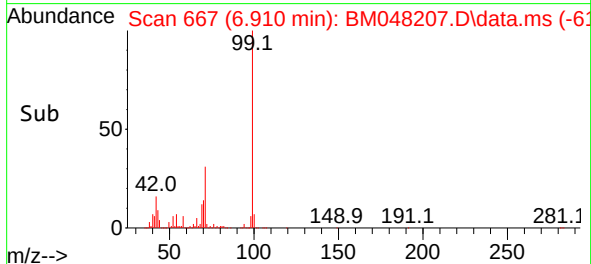
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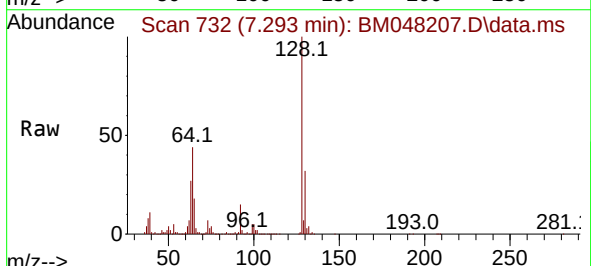
Tgt Ion: 99 Resp: 263249
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.8
71 30.6 24.9 37.3

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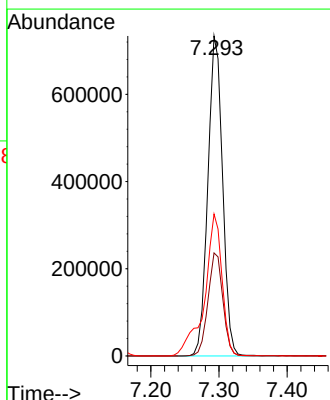
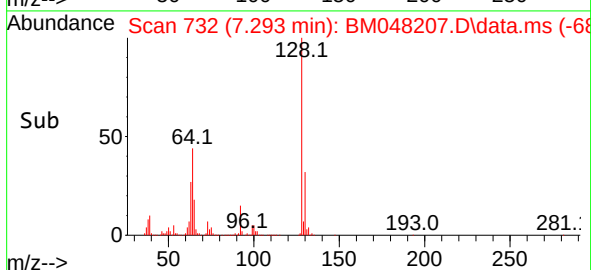
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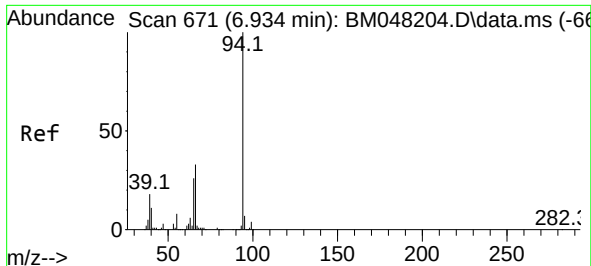


#8
2-Chlorophenol
Concen: 77.170 ng
RT: 7.293 min Scan# 732
Delta R.T. 0.000 min
Lab File: BM048207.D
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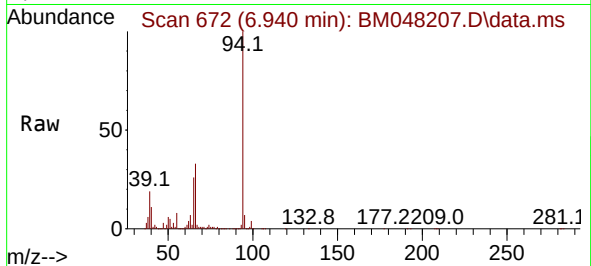
Tgt Ion:128 Resp: 1101787
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 44.4 23.8 63.8





#10
Phenol
Concen: 77.944 ng
RT: 6.940 min Scan# 671
Delta R.T. 0.006 min
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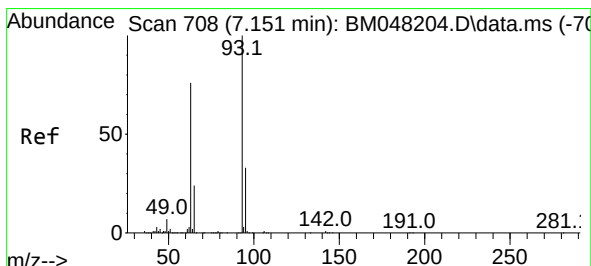
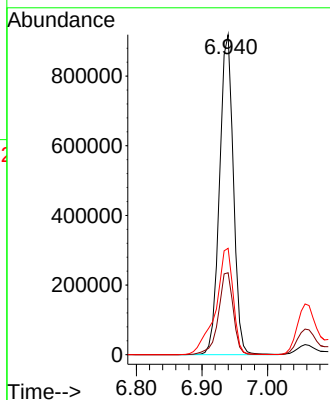
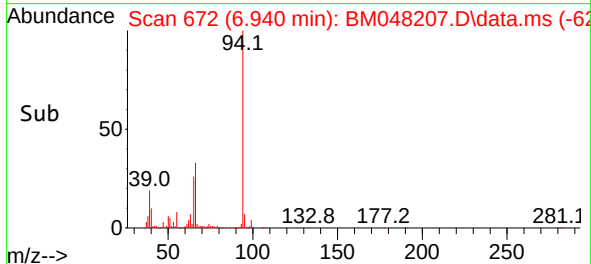
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 1342110
Ion Ratio Lower Upper
94 100
65 25.6 6.5 46.5
66 33.3 13.6 53.6

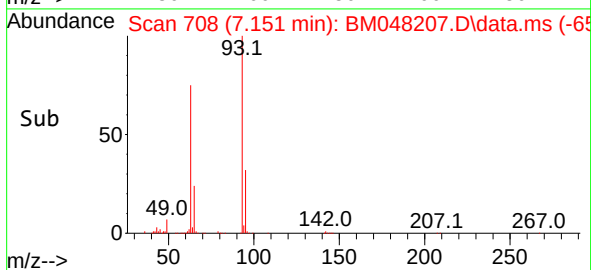
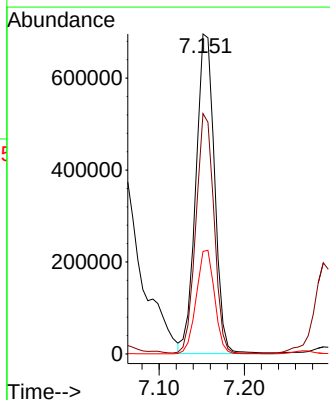
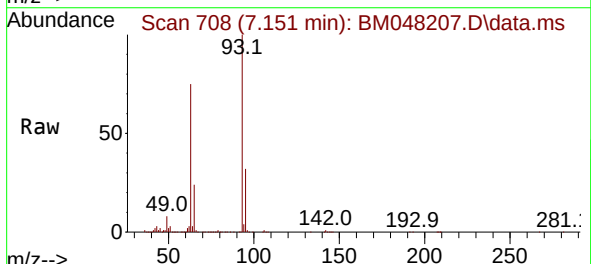
Manual Integrations
APPROVED

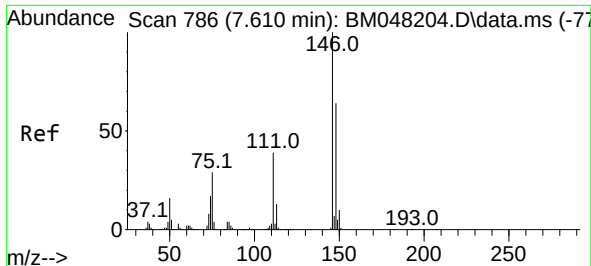
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#11
bis(2-Chloroethyl)ether
Concen: 77.263 ng
RT: 7.151 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion: 93 Resp: 1059660
Ion Ratio Lower Upper
93 100
63 75.1 55.3 95.3
95 32.1 12.4 52.4





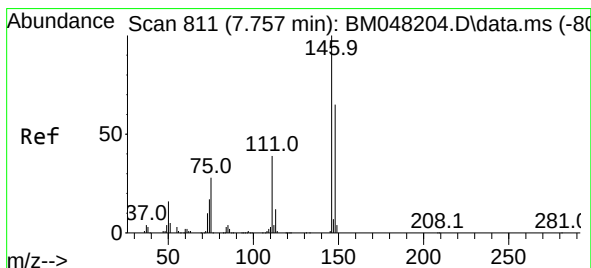
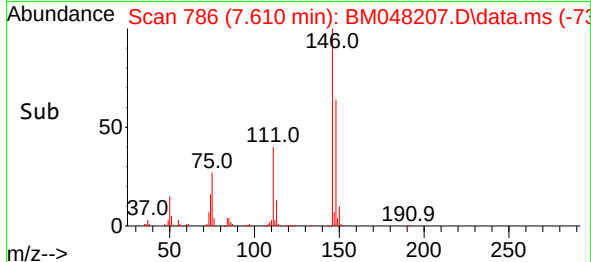
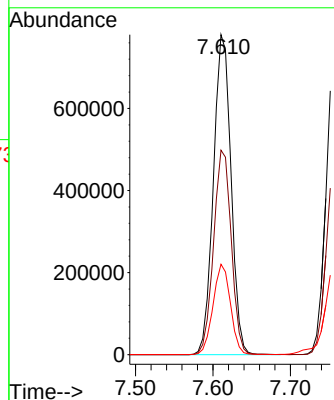
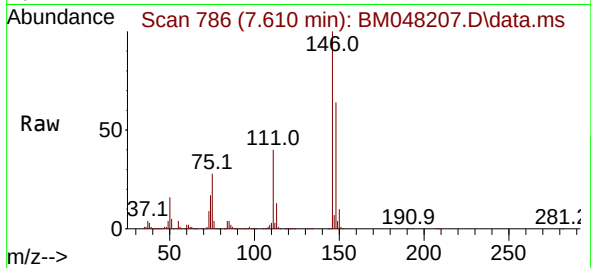
#12
1,3-Dichlorobenzene
Concen: 74.716 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1229854
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 28.3 22.9 34.3

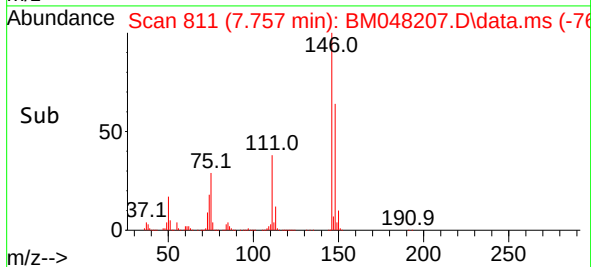
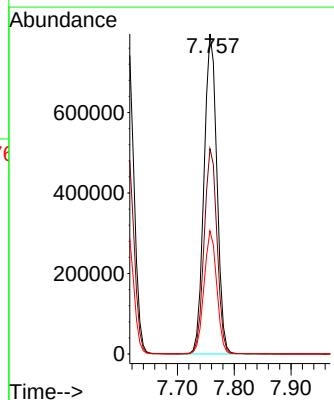
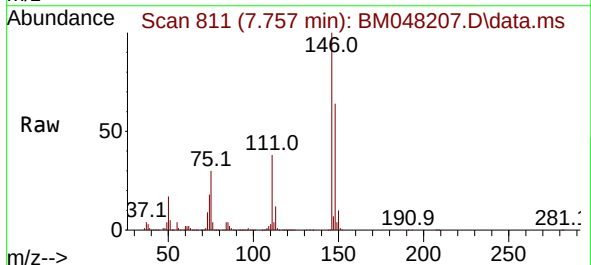
Manual Integrations
APPROVED

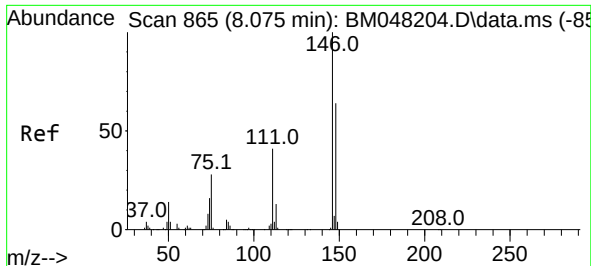
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#13
1,4-Dichlorobenzene
Concen: 74.765 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion:146 Resp: 1250243
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 38.5 31.4 47.2





#14
1,2-Dichlorobenzene
Concen: 73.839 ng
RT: 8.075 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

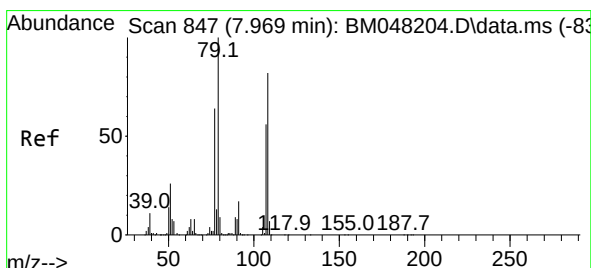
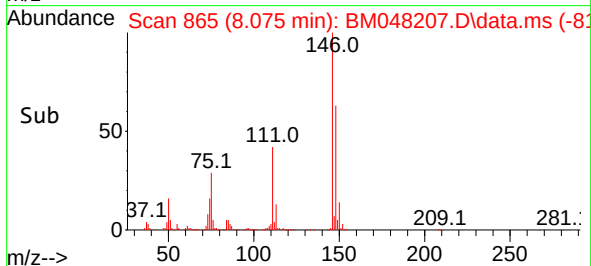
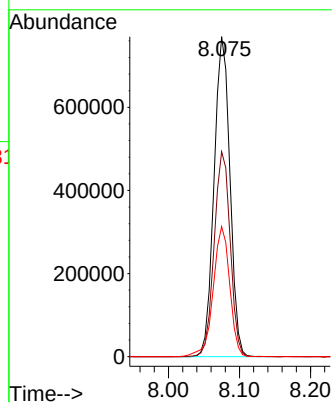
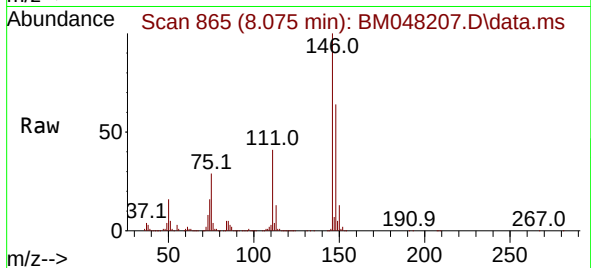
SSTDICC080

Tgt Ion:146 Resp: 1193339
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 40.7 32.7 49.1

Manual Integrations

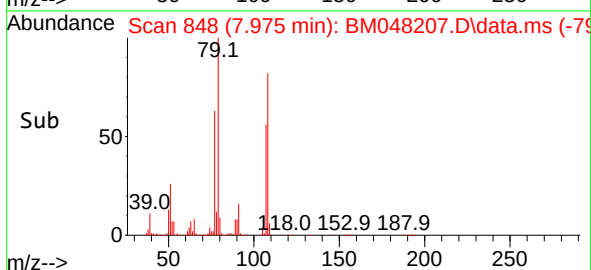
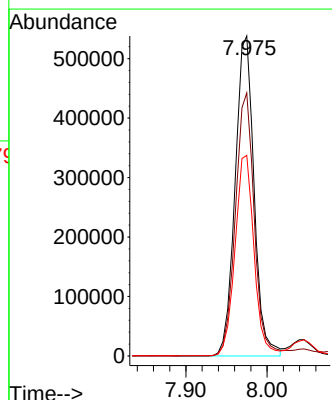
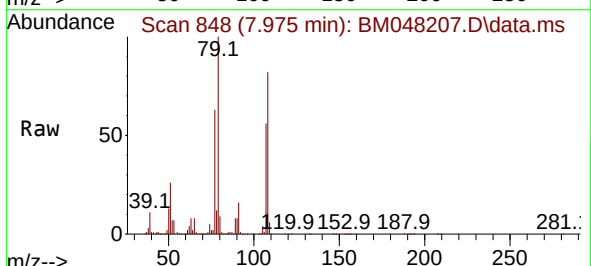
APPROVED

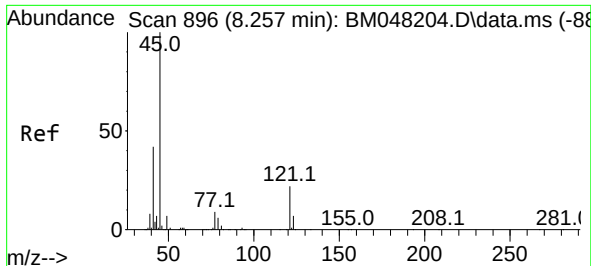
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#15
Benzyl Alcohol
Concen: 79.738 ng
RT: 7.975 min Scan# 848
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

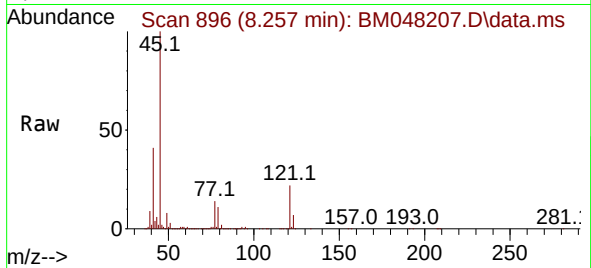
Tgt Ion: 79 Resp: 870627
Ion Ratio Lower Upper
79 100
108 82.2 65.2 97.8
77 62.7 51.4 77.2





#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.989 ng
RT: 8.257 min Scan# 896
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

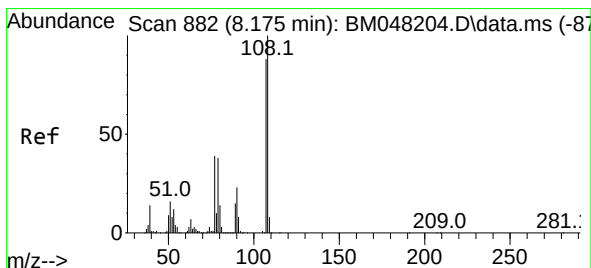
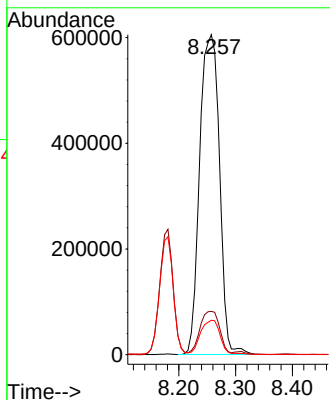
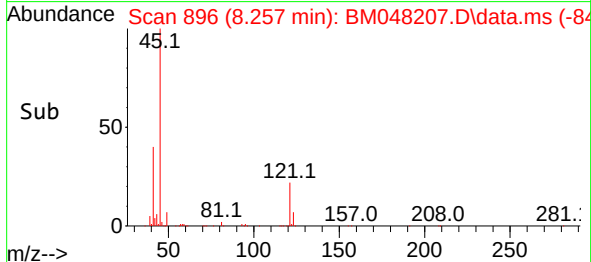
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



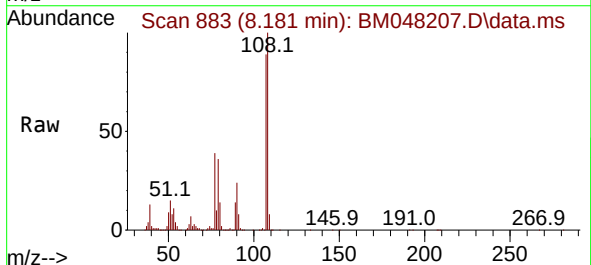
Tgt Ion: 45 Resp: 146418
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.2
79 10.8 0.0 30.7

Manual Integrations
APPROVED

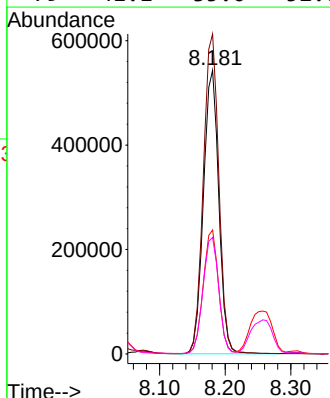
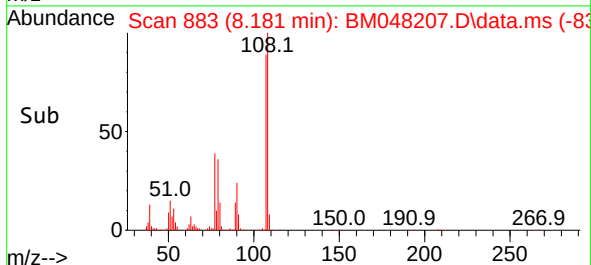
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

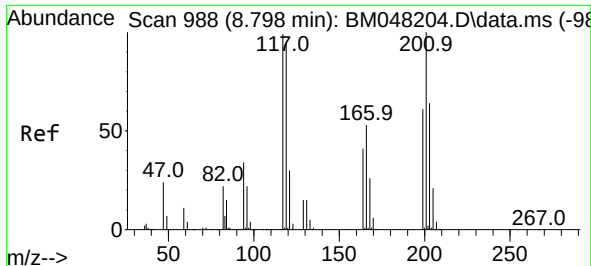


#17
2-Methylphenol
Concen: 77.468 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:107 Resp: 886368
Ion Ratio Lower Upper
107 100
108 112.8 91.3 136.9
77 43.7 36.2 54.2
79 41.1 35.0 52.6





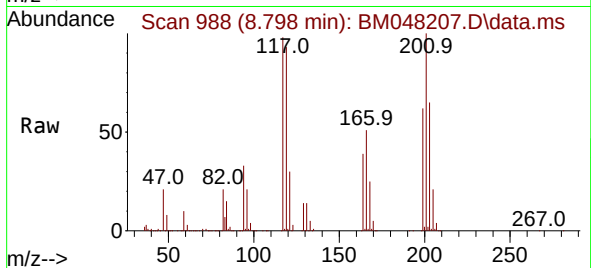
#18
Hexachloroethane
Concen: 75.382 ng
RT: 8.798 min Scan# 988
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



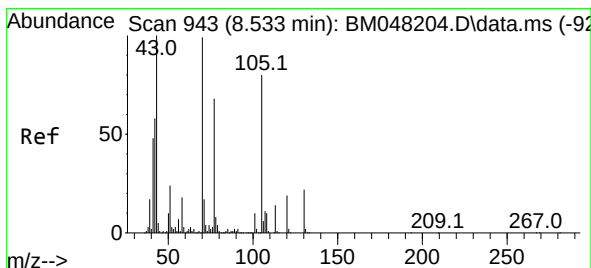
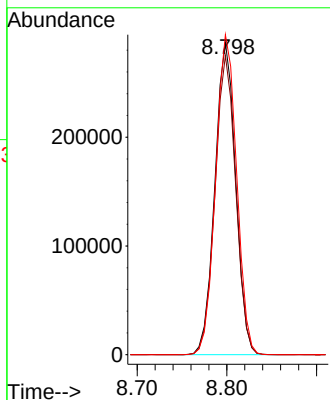
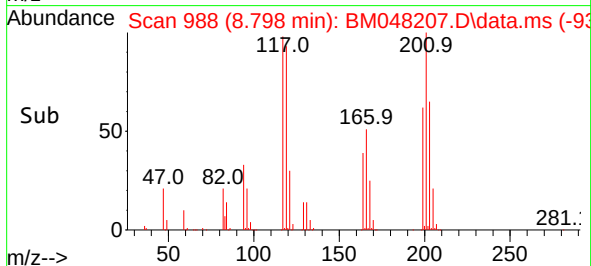
Tgt Ion:117 Resp: 46202
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 102.5 80.9 121.3

Manual Integrations

APPROVED

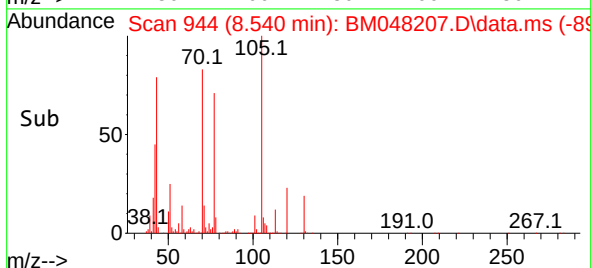
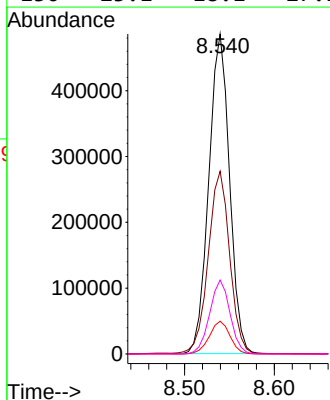
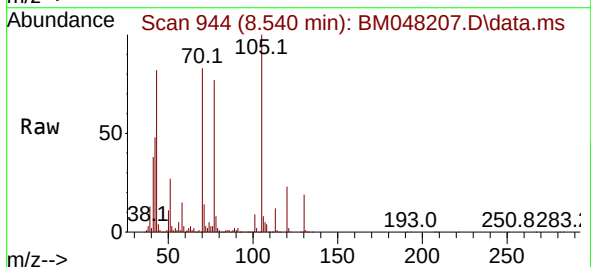
Reviewed By :Yogesh Patel 10/24/2024

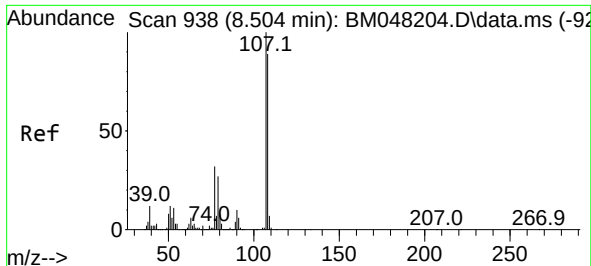
Supervised By :mohammad ahmed 10/24/2024



#19
n-Nitroso-di-n-propylamine
Concen: 71.870 ng
RT: 8.540 min Scan# 944
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion: 70 Resp: 778171
Ion Ratio Lower Upper
70 100
42 57.1 47.0 70.6
101 10.3 7.8 11.6
130 23.1 18.1 27.1





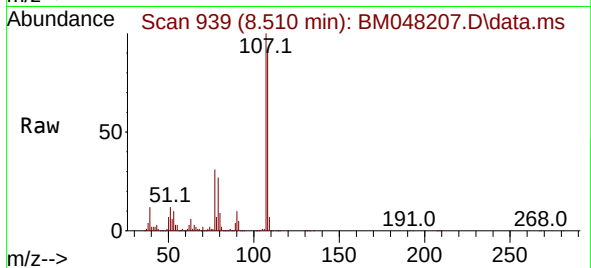
#20
3+4-Methylphenols
Concen: 77.568 ng
RT: 8.510 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



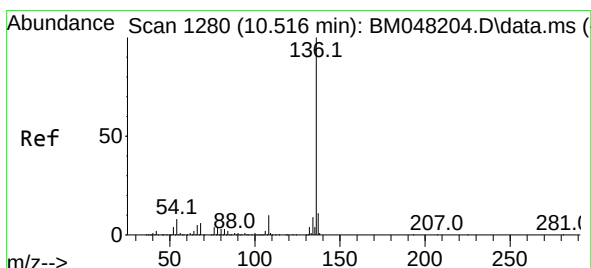
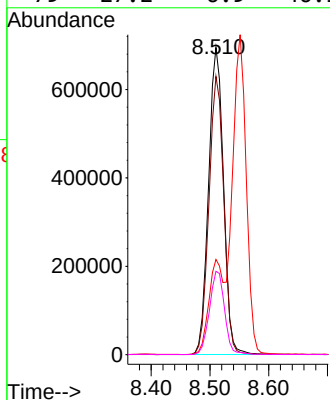
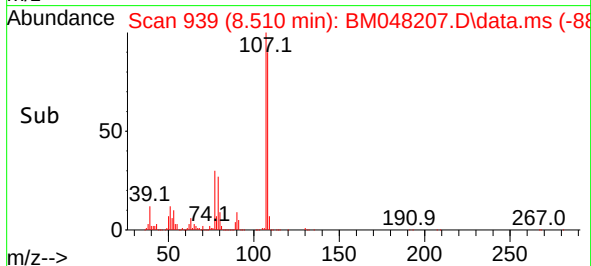
Tgt Ion:107 Resp: 122945
Ion Ratio Lower Upper
107 100
108 90.6 69.0 109.0
77 31.0 12.3 52.3
79 27.2 6.9 46.9

Manual Integrations

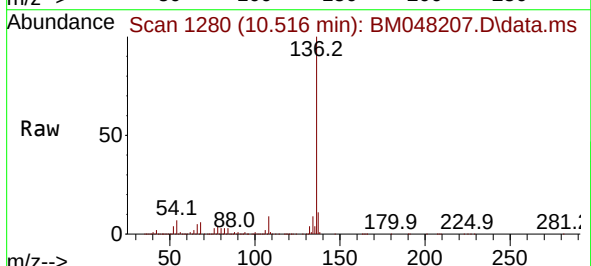
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

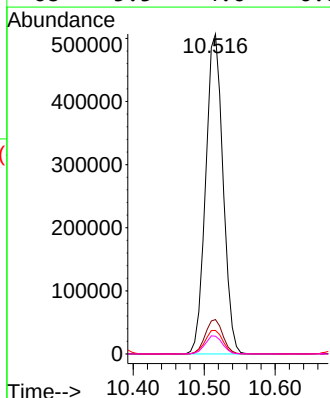
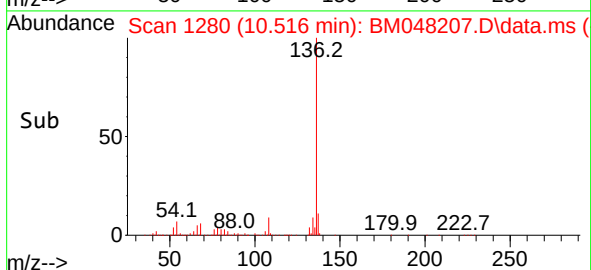
Supervised By :mohammad ahmed 10/24/2024

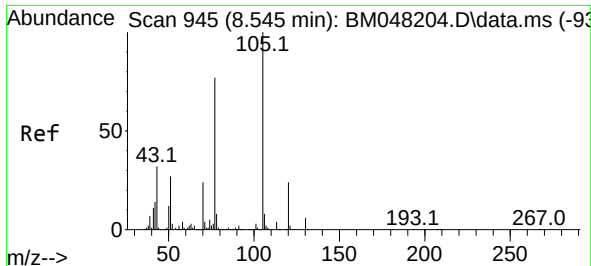


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



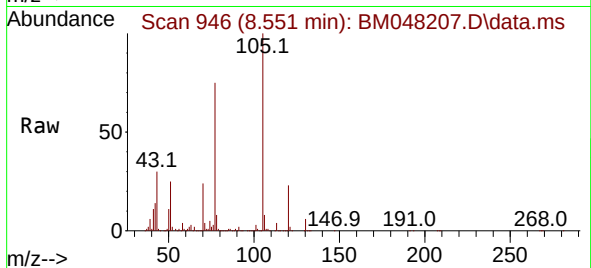
Tgt Ion:136 Resp: 860065
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 6.5 9.7
68 5.5 4.6 6.8





#22
Acetophenone
Concen: 75.580 ng
RT: 8.551 min Scan# 945
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

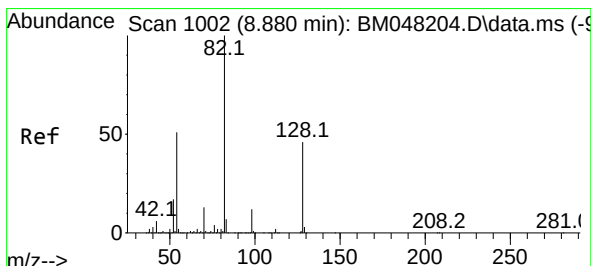
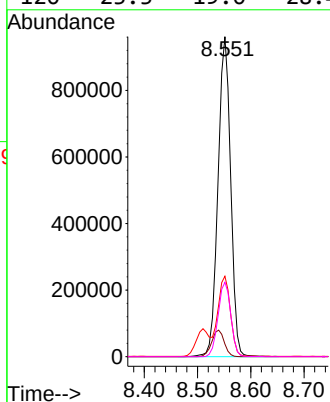
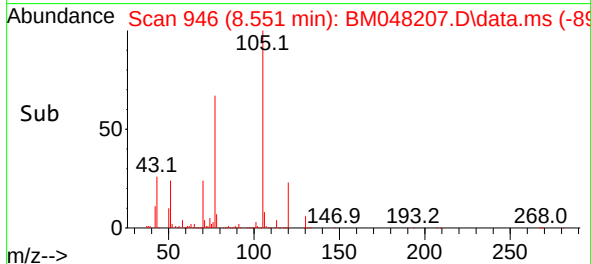
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



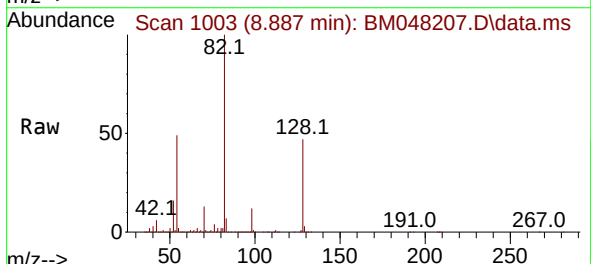
Tgt Ion:105 Resp: 158644
Ion Ratio Lower Upper
105 100
71 4.0 3.4 5.0
51 25.2 21.7 32.5
120 23.3 19.0 28.4

Manual Integrations
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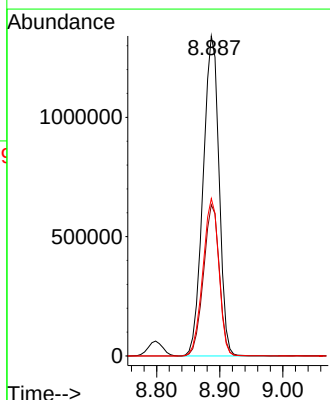
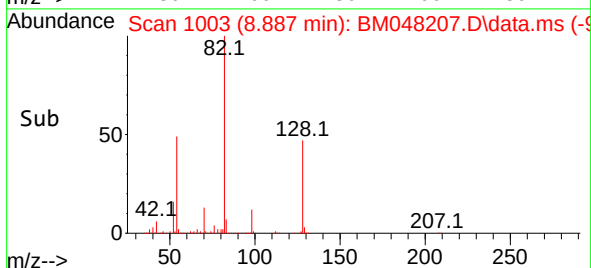
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

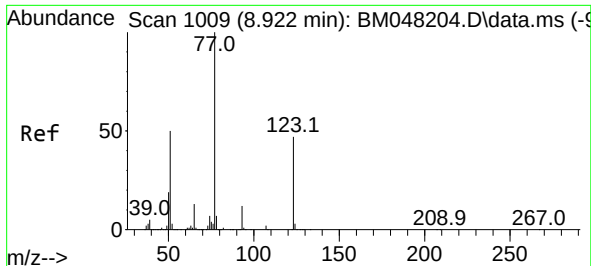


#23
Nitrobenzene-d5
Concen: 154.643 ng
RT: 8.887 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion: 82 Resp: 2355579
Ion Ratio Lower Upper
82 100
128 47.3 36.6 54.8
54 49.2 41.0 61.4





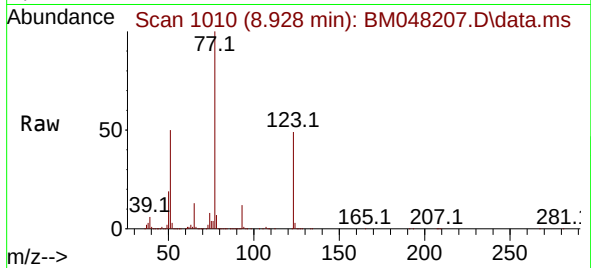
#24
Nitrobenzene
Concen: 76.784 ng
RT: 8.928 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



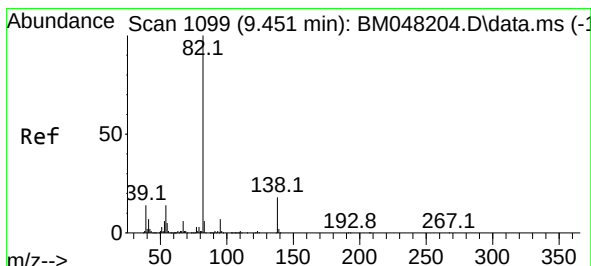
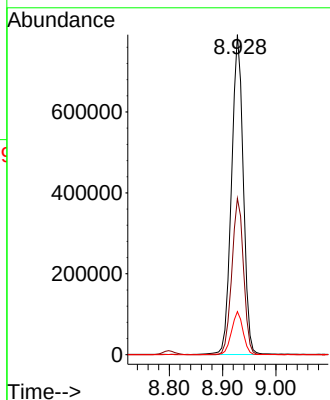
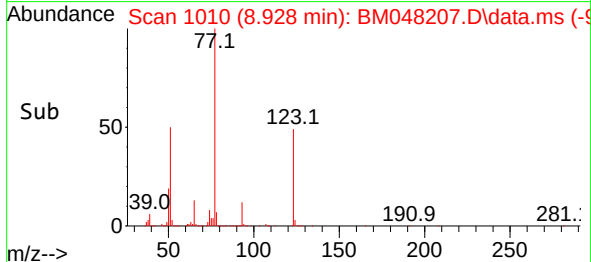
Tgt Ion: 77 Resp: 121184
Ion Ratio Lower Upper
77 100
123 48.9 37.8 56.6
65 13.5 10.4 15.6

Manual Integrations

APPROVED

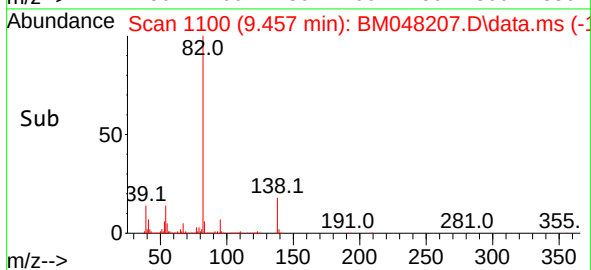
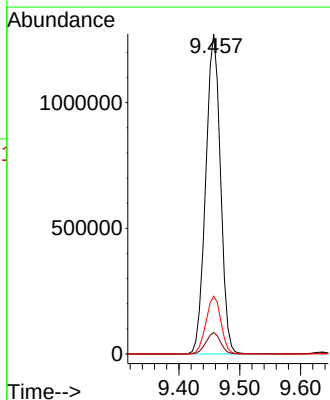
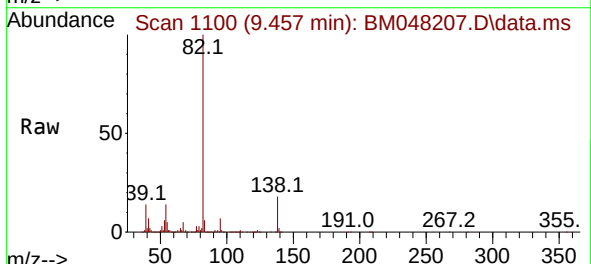
Reviewed By :Yogesh Patel 10/24/2024

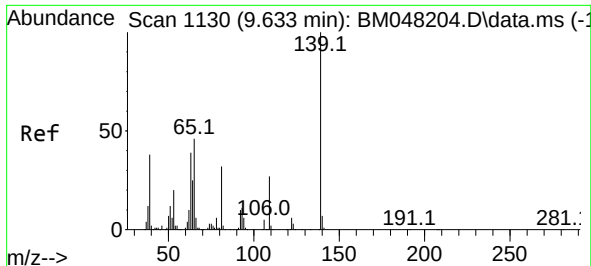
Supervised By :mohammad ahmed 10/24/2024



#25
Isophorone
Concen: 76.752 ng
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

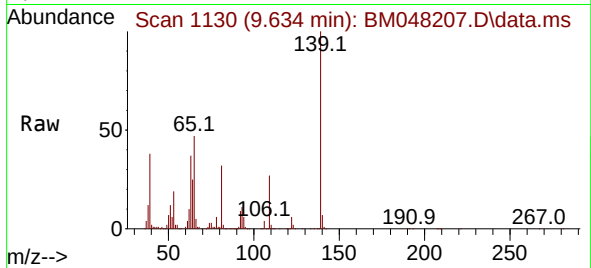
Tgt Ion: 82 Resp: 2142976
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.1 14.3 21.5





#26
2-Nitrophenol
Concen: 84.859 ng
RT: 9.634 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

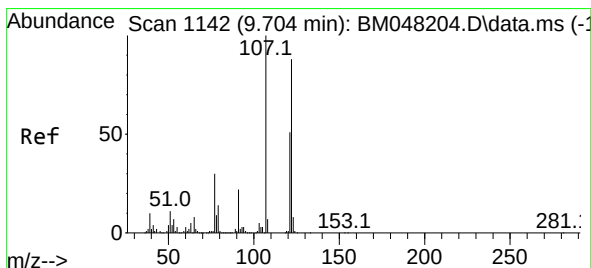
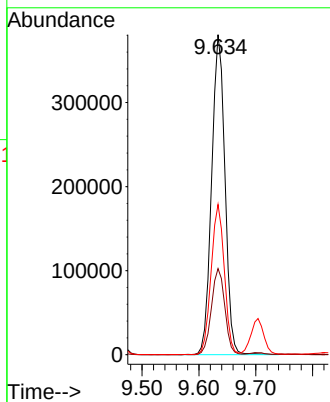
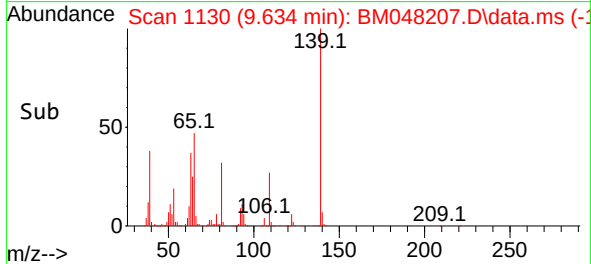
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



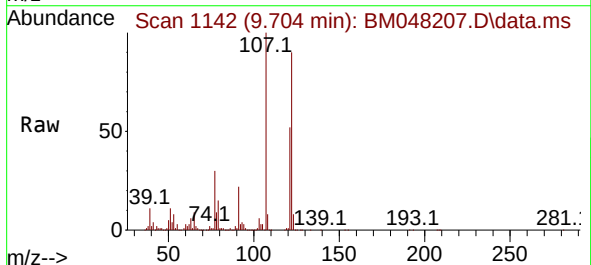
Tgt Ion:139 Resp: 61838
Ion Ratio Lower Upper
139 100
109 26.9 21.2 31.8
65 46.9 36.8 55.2

Manual Integrations
APPROVED

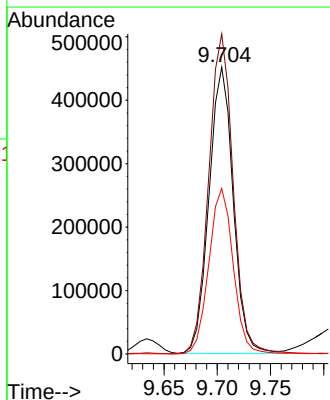
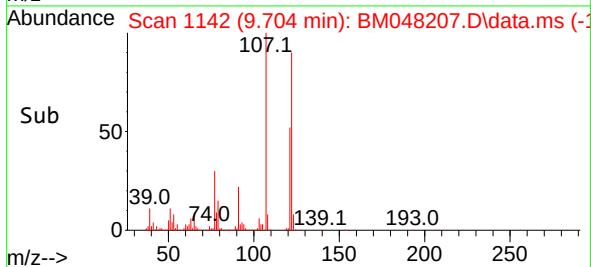
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

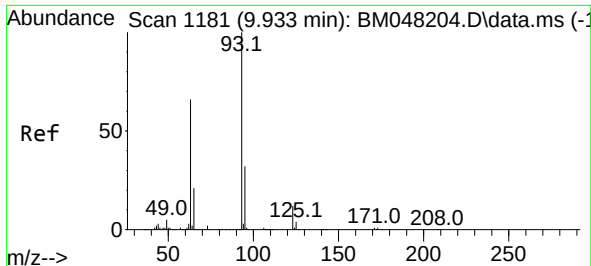


#27
2,4-Dimethylphenol
Concen: 80.677 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:122 Resp: 713271
Ion Ratio Lower Upper
122 100
107 111.5 91.0 136.6
121 57.6 46.1 69.1





#28
bis(2-Chloroethoxy)methane
Concen: 78.117 ng
RT: 9.934 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

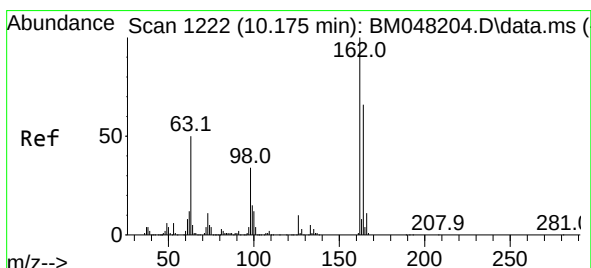
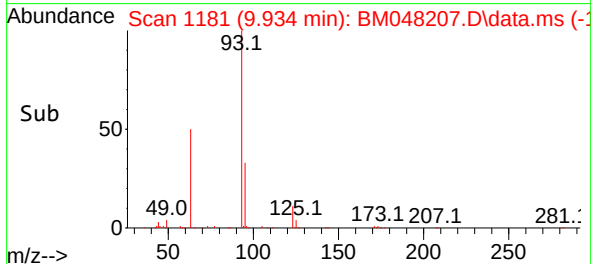
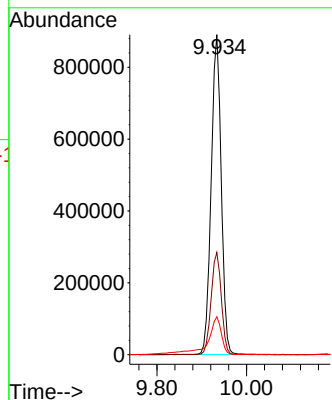
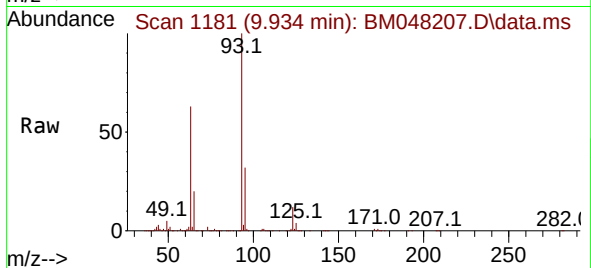
SSTDICC080

Tgt Ion: 93 Resp: 138018
Ion Ratio Lower Upper
93 100
95 32.0 25.3 37.9
123 11.9 9.8 14.6

Manual Integrations

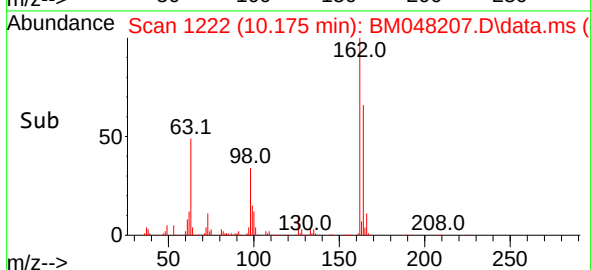
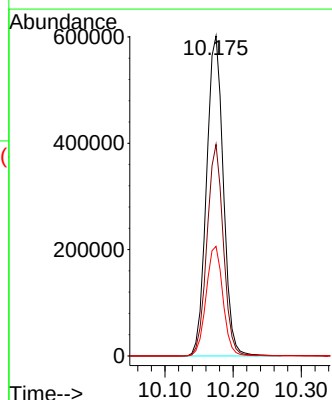
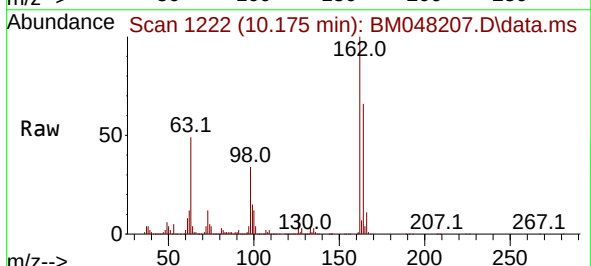
APPROVED

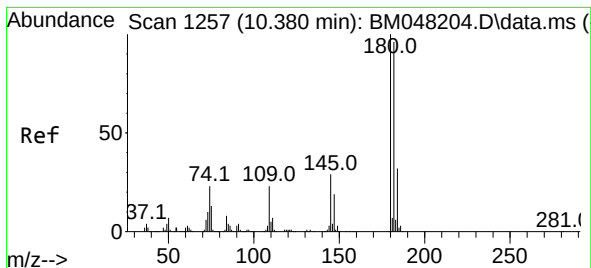
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#29
2,4-Dichlorophenol
Concen: 81.095 ng
RT: 10.175 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

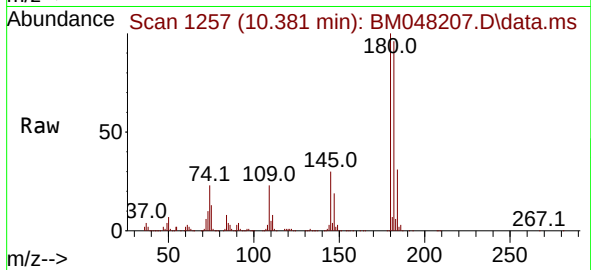
Tgt Ion:162 Resp: 1031388
Ion Ratio Lower Upper
162 100
164 66.1 46.0 86.0
98 34.3 14.4 54.4





#30
1,2,4-Trichlorobenzene
Concen: 77.123 ng
RT: 10.381 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

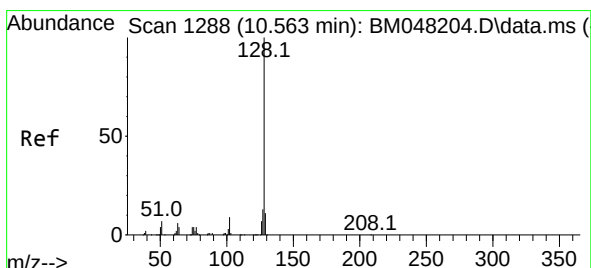
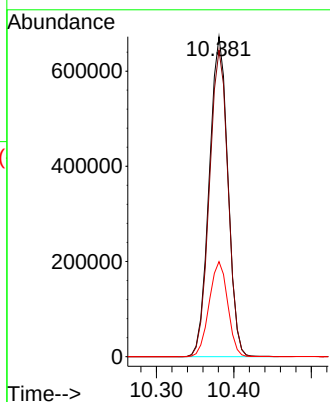
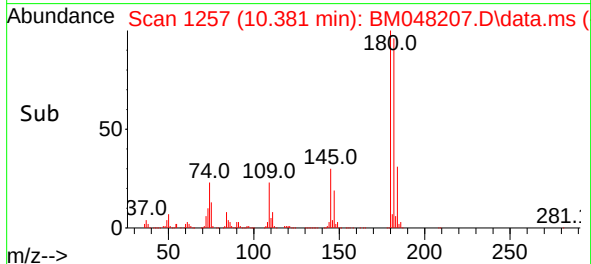
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 1123388
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 29.7 23.4 35.2

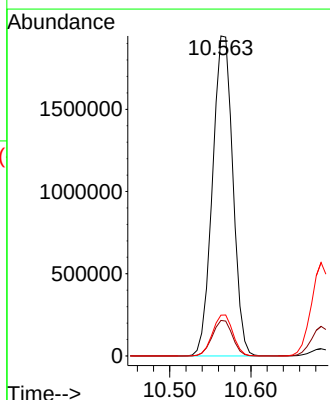
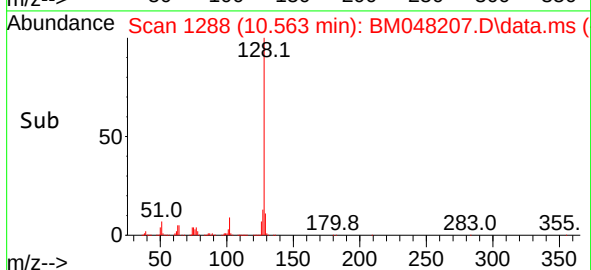
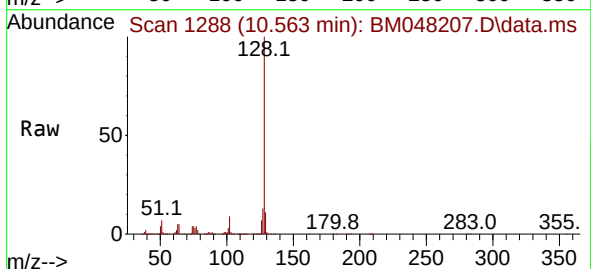
Manual Integrations
APPROVED

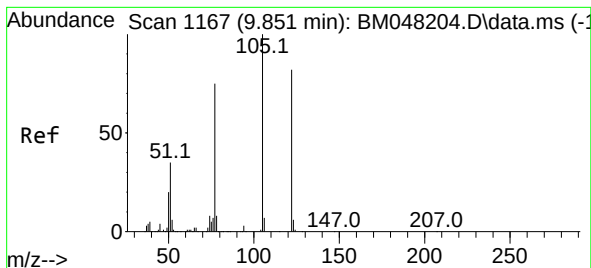
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#31
Naphthalene
Concen: 75.646 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion:128 Resp: 3393311
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.2 15.2





#32

Benzoic acid

Concen: 89.775 ng

RT: 9.910 min Scan# 1167

Delta R.T. 0.059 min

Lab File: BM048207.D

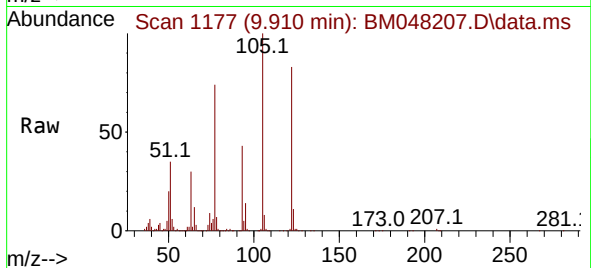
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 887302

Ion Ratio Lower Upper

122 100

105 119.9 99.3 139.3

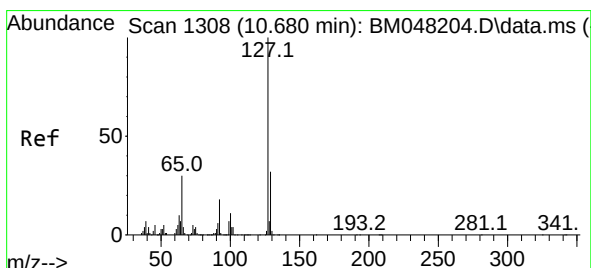
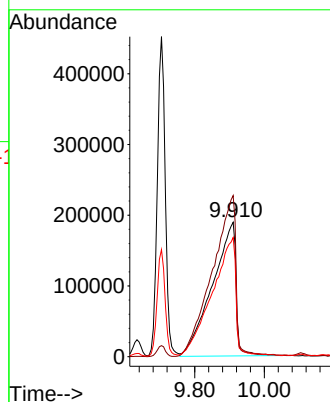
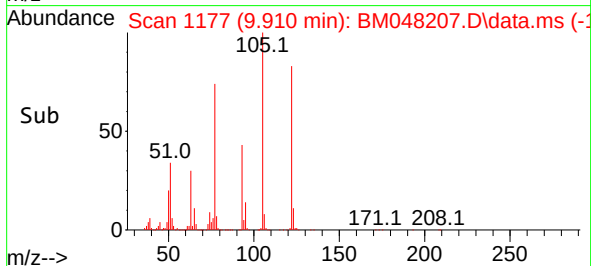
77 88.7 70.4 110.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#33

4-Chloroaniline

Concen: 70.610 ng

RT: 10.687 min Scan# 1309

Delta R.T. 0.006 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Tgt Ion:127 Resp: 1027262

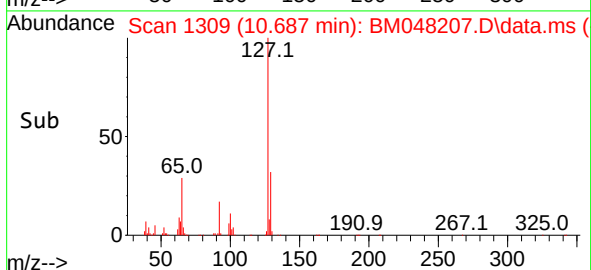
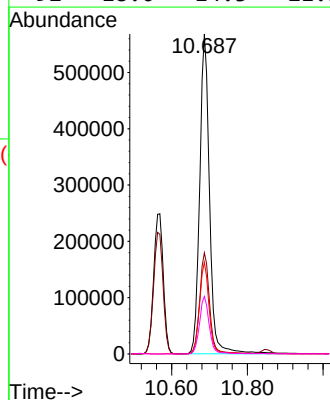
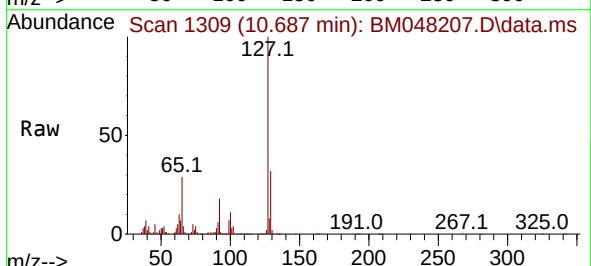
Ion Ratio Lower Upper

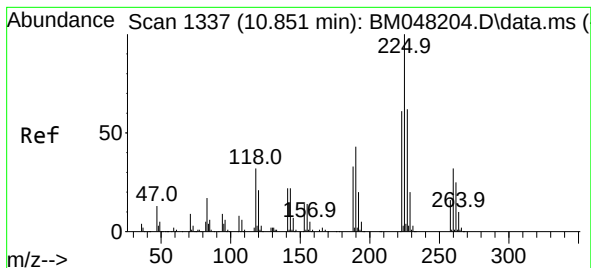
127 100

129 31.6 25.8 38.6

65 28.7 23.7 35.5

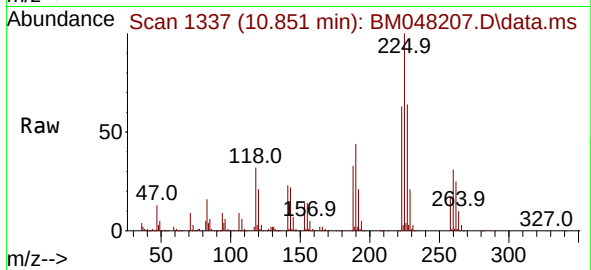
92 18.0 14.3 21.5





#34
Hexachlorobutadiene
Concen: 76.020 ng
RT: 10.851 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

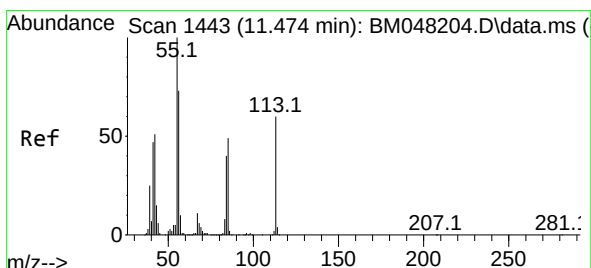
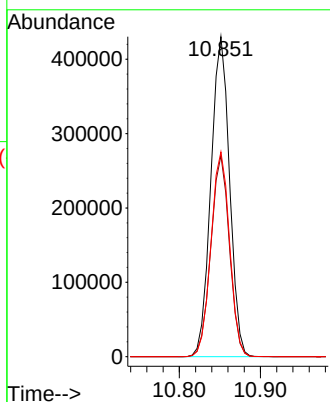
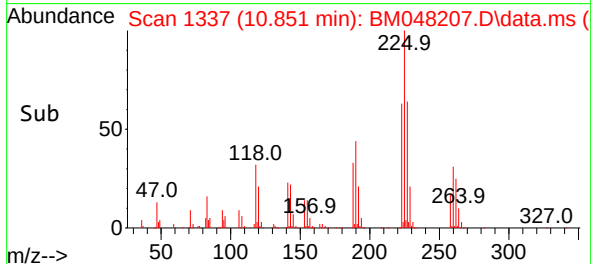
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



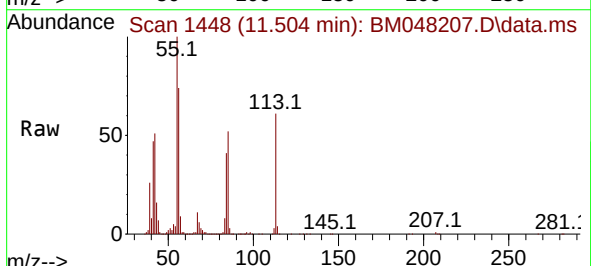
Tgt Ion:225 Resp: 686284
Ion Ratio Lower Upper
225 100
223 62.8 48.6 73.0
227 64.0 49.6 74.4

Manual Integrations
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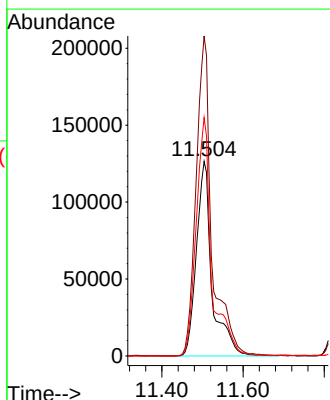
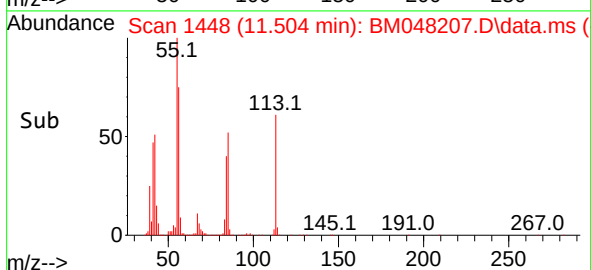
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

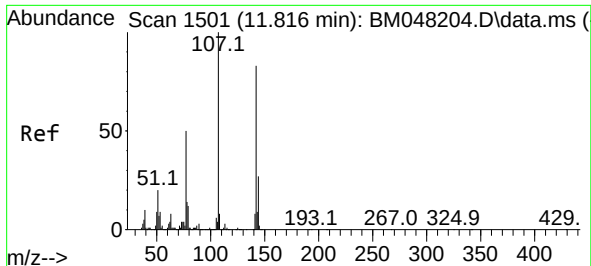


#35
Caprolactam
Concen: 82.144 ng
RT: 11.504 min Scan# 1448
Delta R.T. 0.030 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



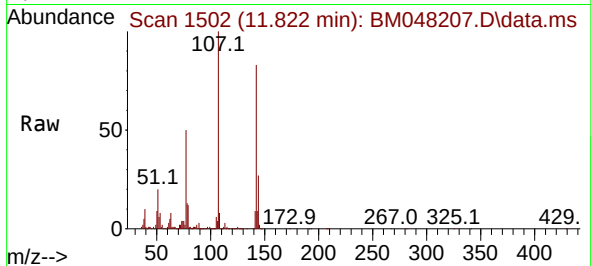
Tgt Ion:113 Resp: 338829
Ion Ratio Lower Upper
113 100
55 164.4 146.1 186.1
56 122.5 101.9 141.9





#36
4-Chloro-3-methylphenol
Concen: 79.675 ng
RT: 11.822 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

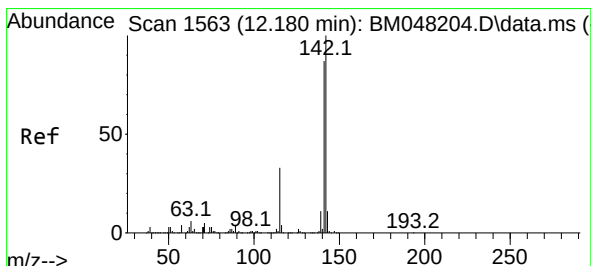
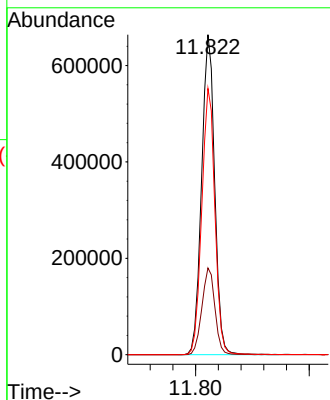
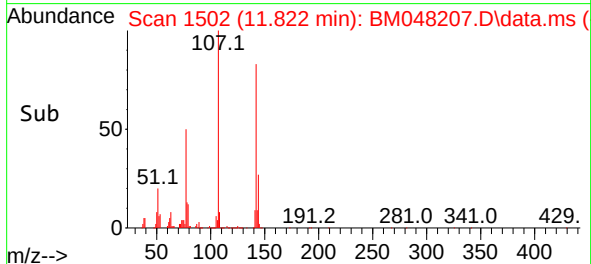
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1057820
Ion Ratio Lower Upper
107 100
144 27.1 21.5 32.3
142 83.2 66.8 100.2

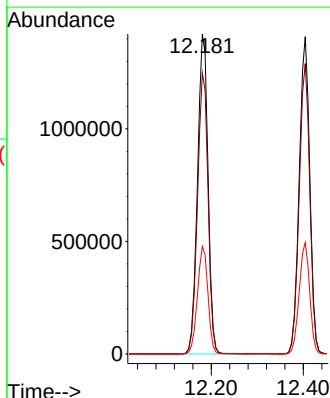
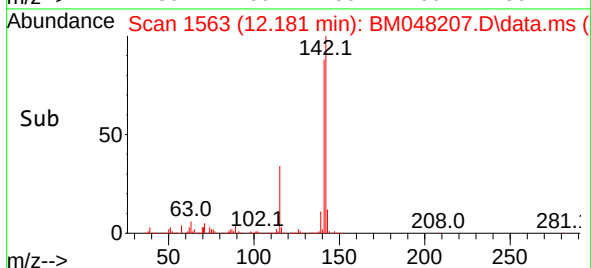
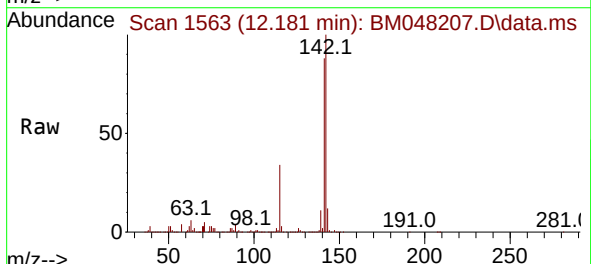
Manual Integrations
APPROVED

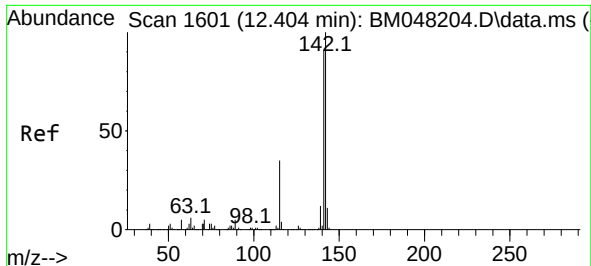
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#37
2-Methylnaphthalene
Concen: 75.421 ng
RT: 12.181 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

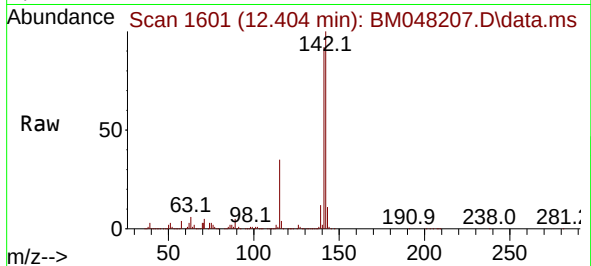
Tgt Ion:142 Resp: 2260440
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.6
115 33.6 26.3 39.5





#38
1-Methylnaphthalene
Concen: 75.055 ng
RT: 12.404 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

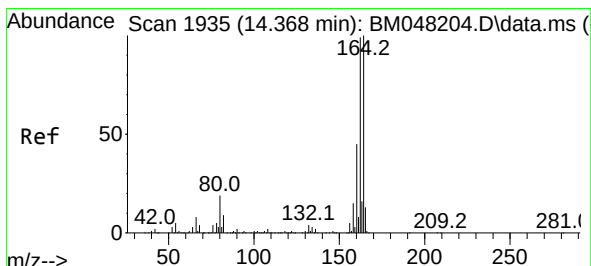
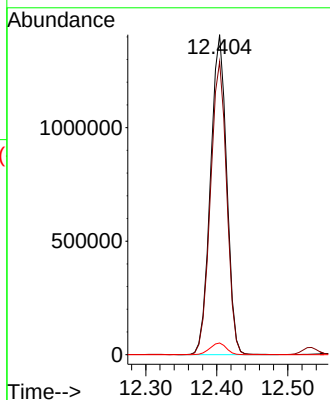
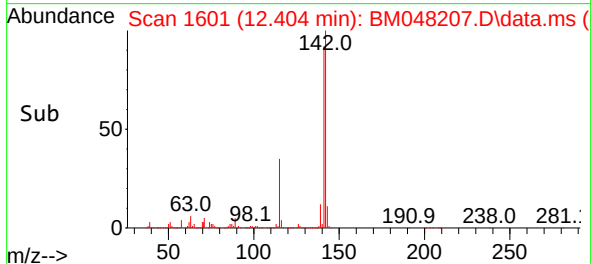
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 223059
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
116 3.7 2.9 4.3

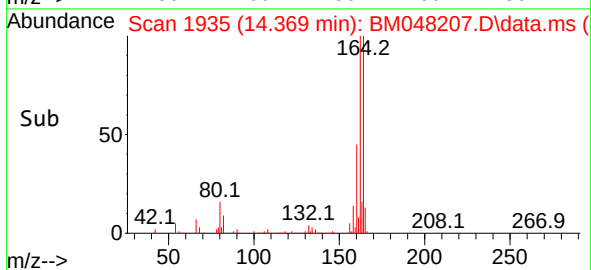
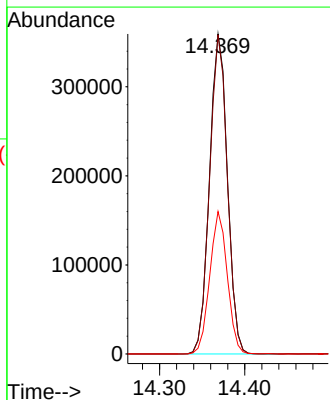
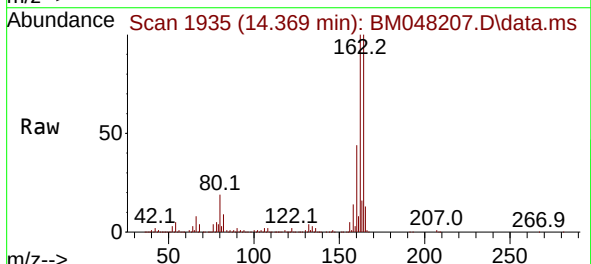
Manual Integrations
APPROVED

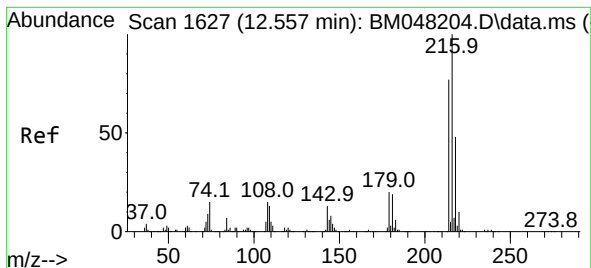
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

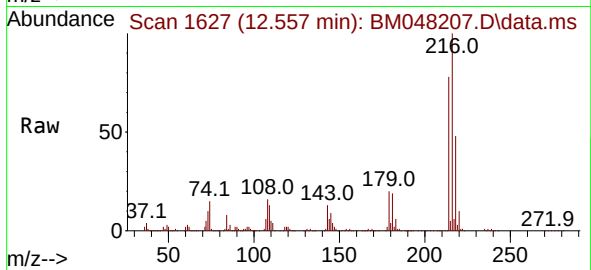
Tgt Ion:164 Resp: 526464
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.5 35.8 53.8





#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.663 ng
RT: 12.557 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

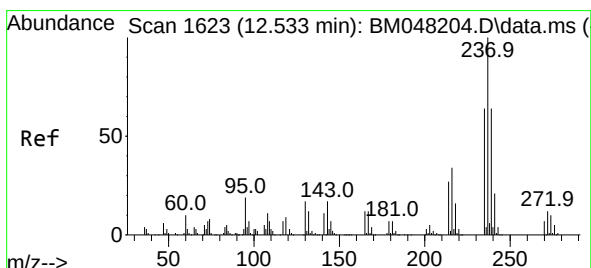
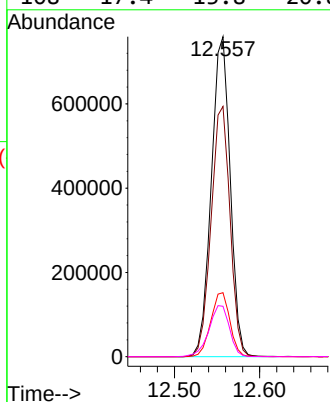
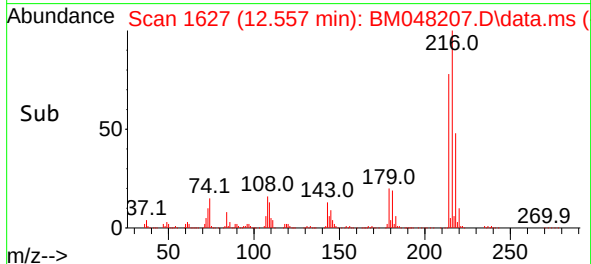
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



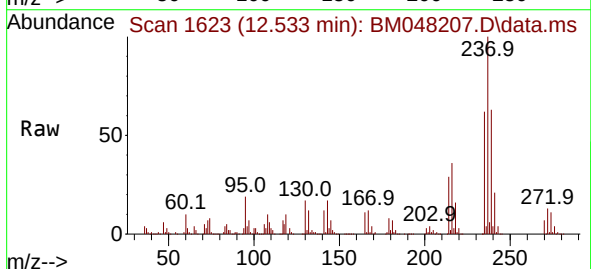
Tgt Ion:216 Resp: 116863
Ion Ratio Lower Upper
216 100
214 78.5 62.2 93.2
179 20.3 16.0 24.0
108 17.4 13.8 20.8

Manual Integrations
APPROVED

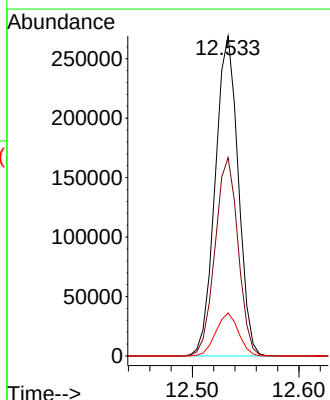
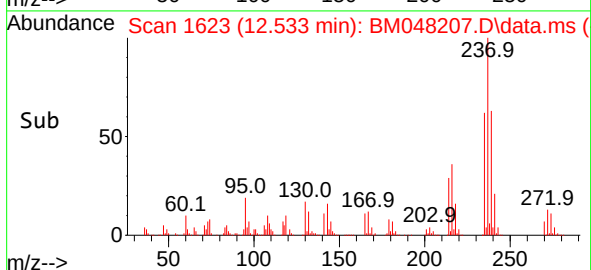
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

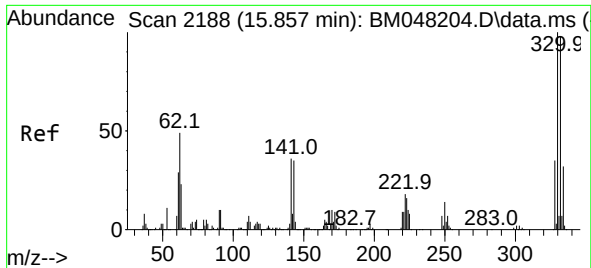


#41
Hexachlorocyclopentadiene
Concen: 79.133 ng
RT: 12.533 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:237 Resp: 402944
Ion Ratio Lower Upper
237 100
235 62.0 44.2 84.2
272 13.5 0.0 32.4





#42
2,4,6-Tribromophenol
Concen: 152.401 ng
RT: 15.863 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

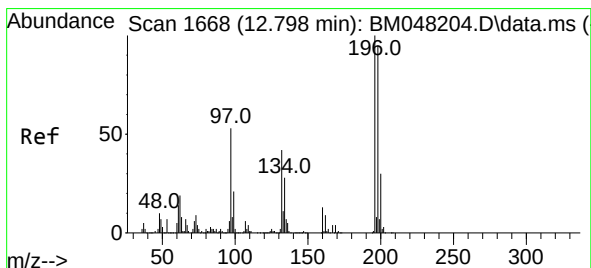
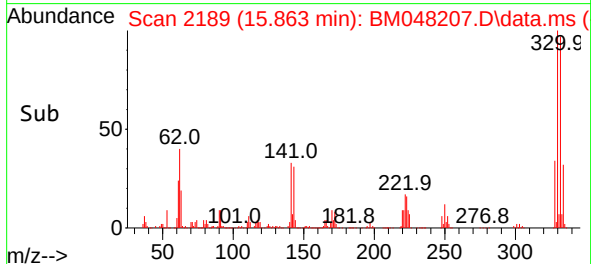
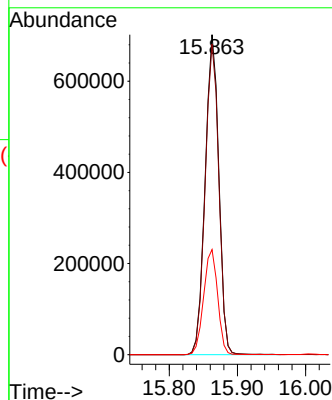
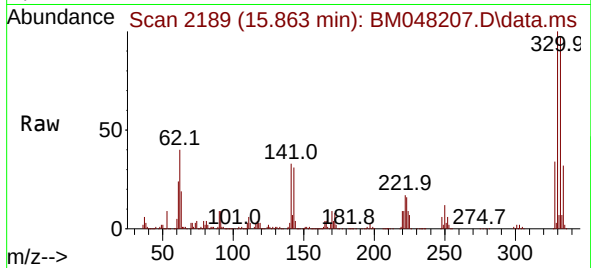
SSTDICC080

Tgt Ion:330 Resp: 982069
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 33.6 27.5 41.3

Manual Integrations

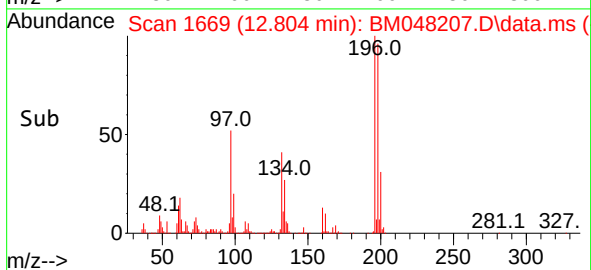
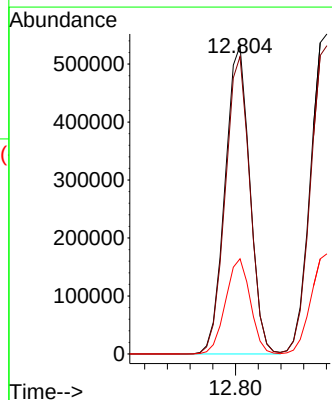
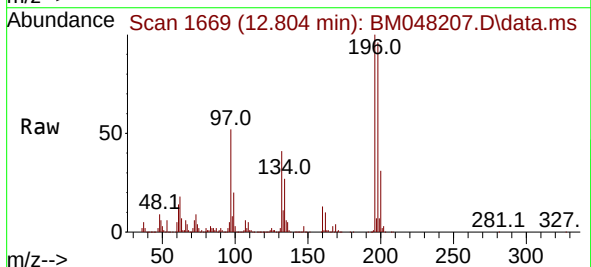
APPROVED

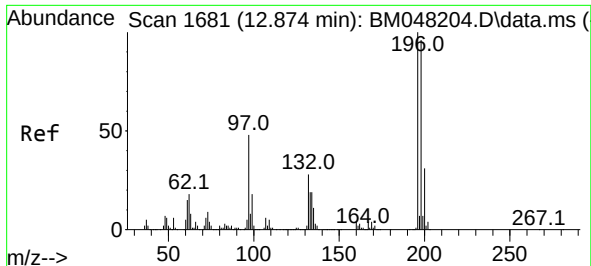
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#43
2,4,6-Trichlorophenol
Concen: 80.491 ng
RT: 12.804 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

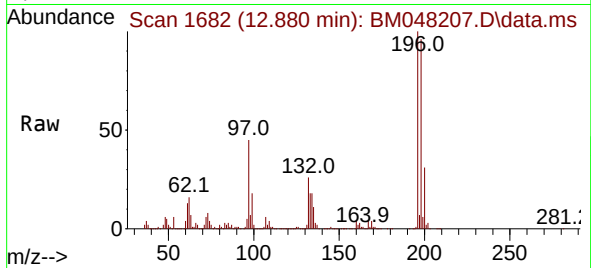
Tgt Ion:196 Resp: 803779
Ion Ratio Lower Upper
196 100
198 96.5 76.2 114.2
200 30.9 24.2 36.2





#44
2,4,5-Trichlorophenol
Concen: 79.988 ng
RT: 12.880 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

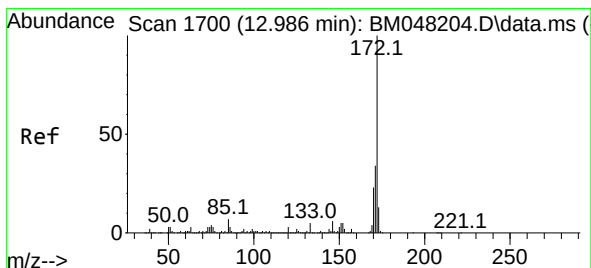
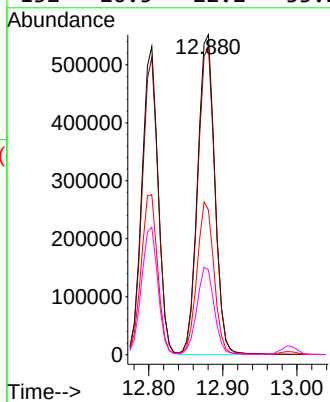
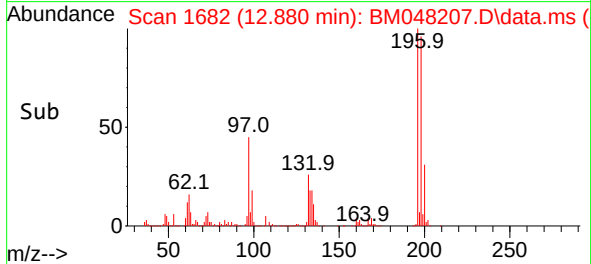
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



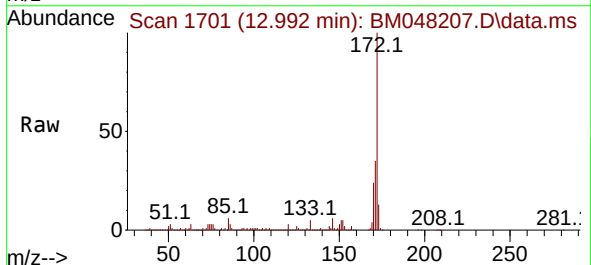
Tgt Ion:196 Resp: 890729
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
97 45.2 38.5 57.7
132 26.5 22.2 33.2

Manual Integrations
APPROVED

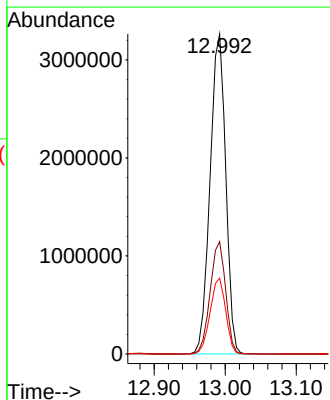
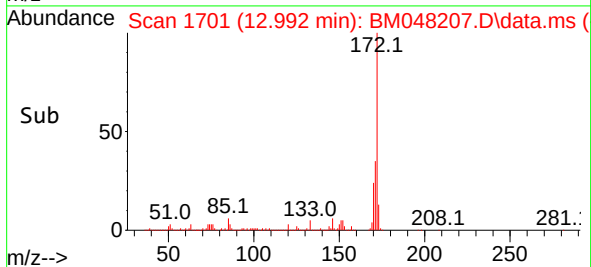
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

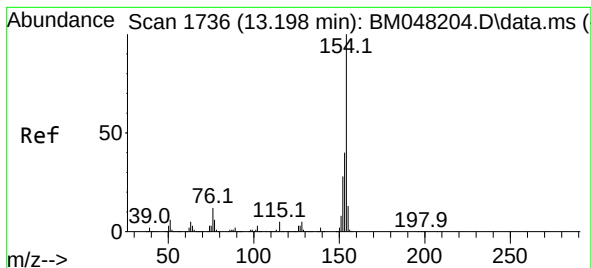


#45
2-Fluorobiphenyl
Concen: 145.410 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



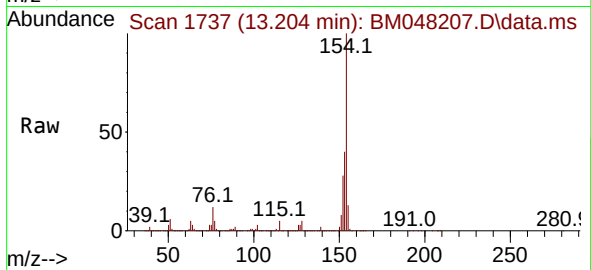
Tgt Ion:172 Resp: 4988797
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 23.7 18.5 27.7





#46
1,1'-Biphenyl
Concen: 75.702 ng
RT: 13.204 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

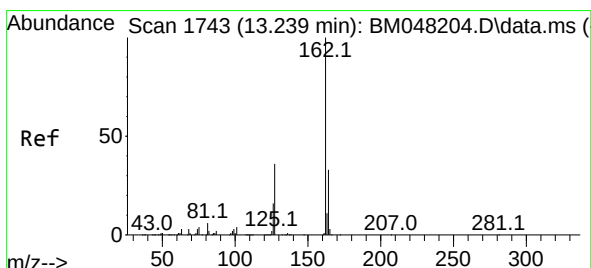
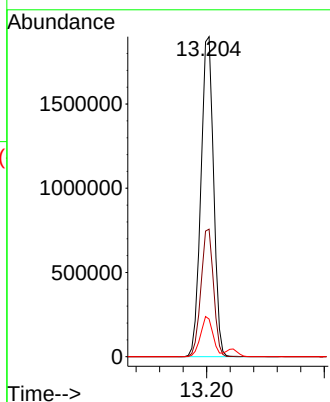
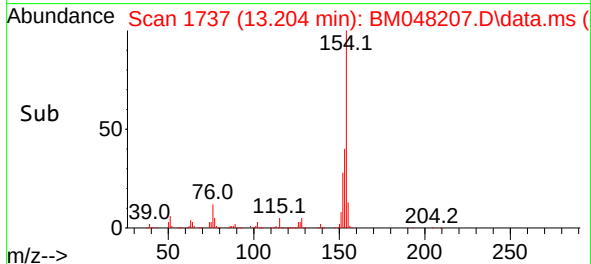
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



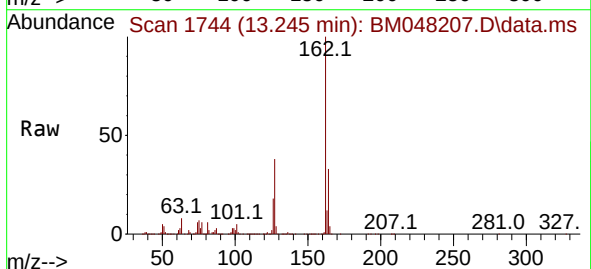
Tgt Ion:154 Resp: 284545
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 11.7 0.0 32.4

Manual Integrations
APPROVED

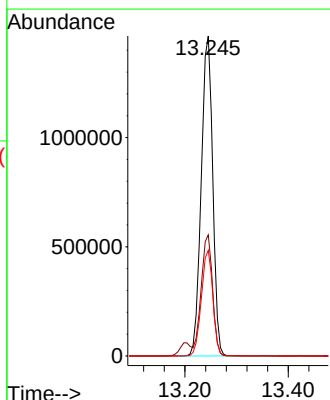
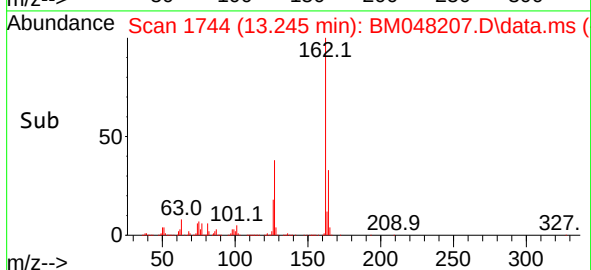
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

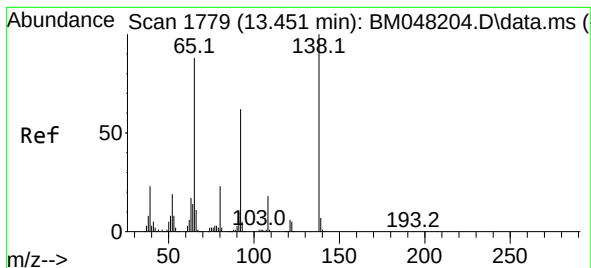


#47
2-Chloronaphthalene
Concen: 76.166 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



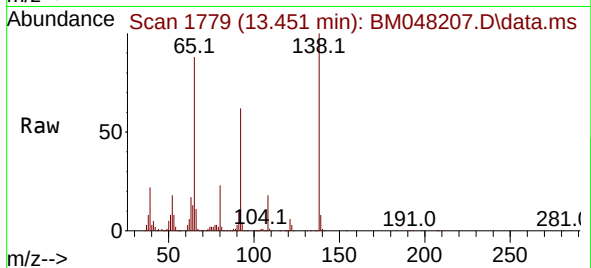
Tgt Ion:162 Resp: 2257326
Ion Ratio Lower Upper
162 100
127 37.9 31.0 46.6
164 33.0 26.2 39.4





#48
2-Nitroaniline
Concen: 82.820 ng
RT: 13.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

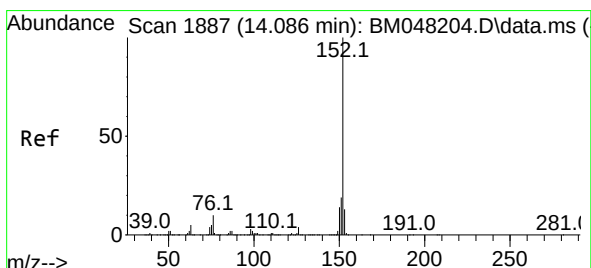
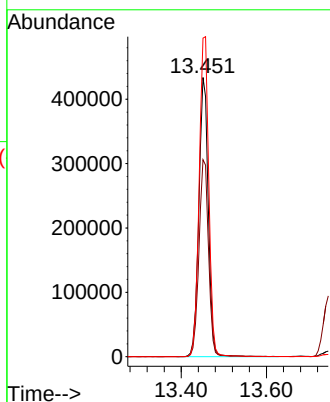
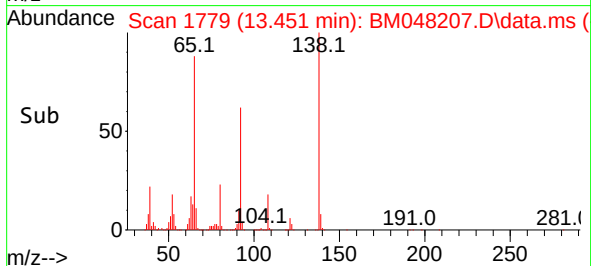
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



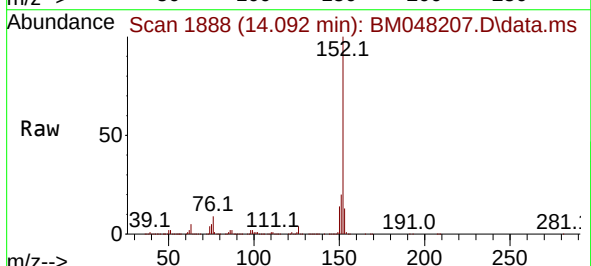
Tgt Ion: 65 Resp: 665724
Ion Ratio Lower Upper
65 100
92 70.5 56.0 84.0
138 114.1 90.8 136.2

Manual Integrations
APPROVED

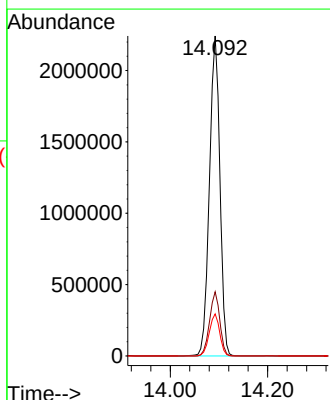
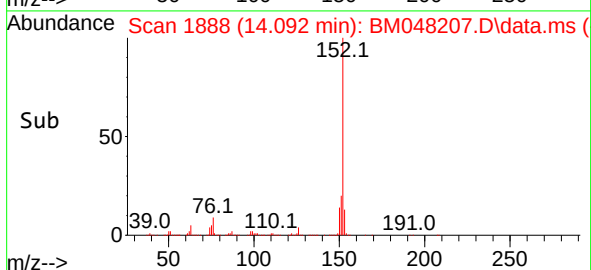
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

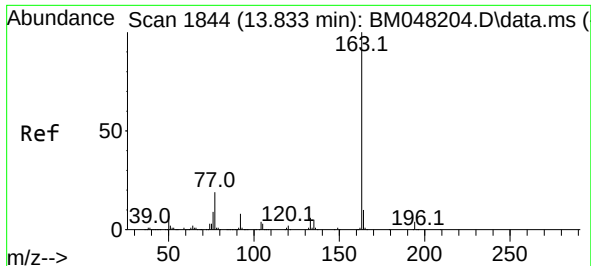


#49
Acenaphthylene
Concen: 76.952 ng
RT: 14.092 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:152 Resp: 3327325
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 13.2 10.5 15.7





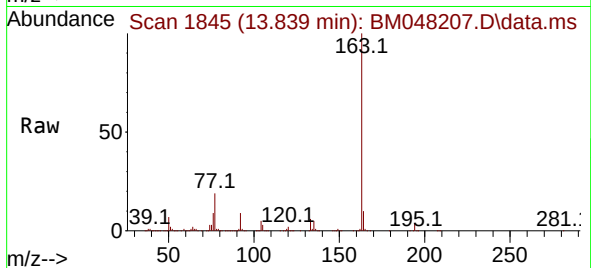
#50
Dimethylphthalate
Concen: 75.757 ng
RT: 13.839 min Scan# 1845
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



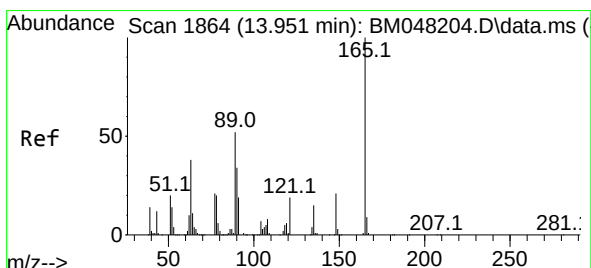
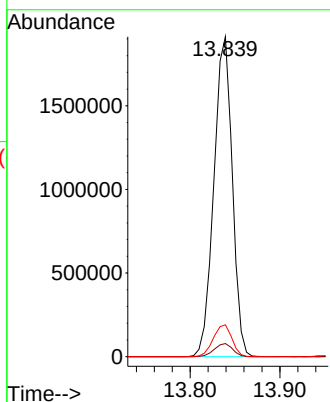
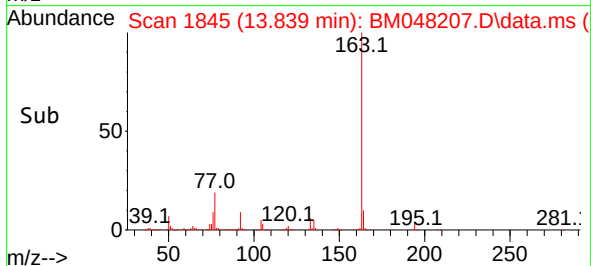
Tgt Ion:163 Resp: 272270
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 7.8 11.6

Manual Integrations

APPROVED

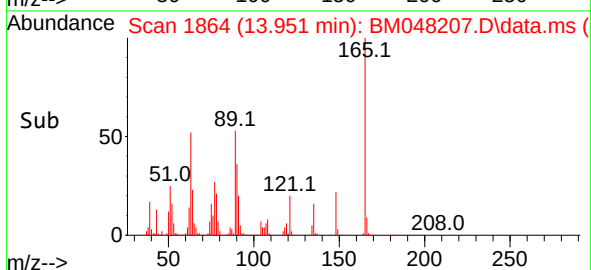
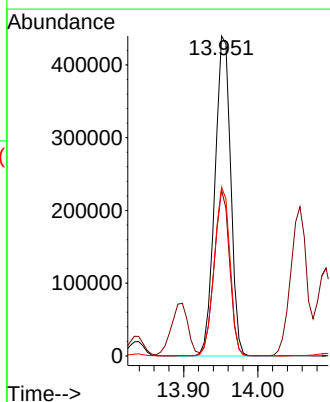
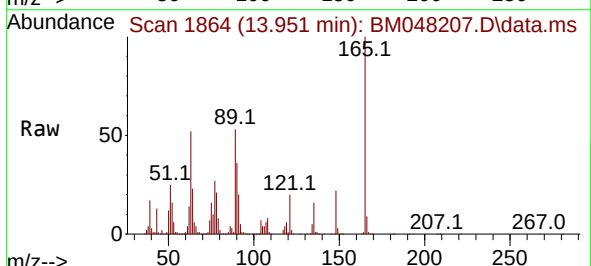
Reviewed By :Yogesh Patel 10/24/2024

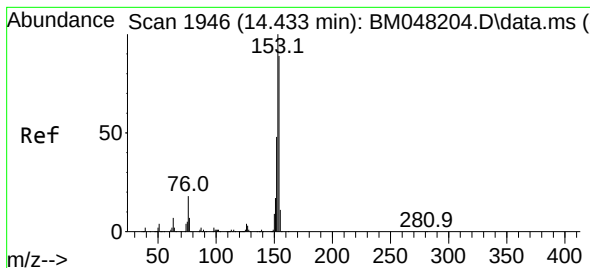
Supervised By :mohammad ahmed 10/24/2024



#51
2,6-Dinitrotoluene
Concen: 81.185 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion:165 Resp: 651041
Ion Ratio Lower Upper
165 100
63 51.9 39.5 59.3
89 52.8 41.8 62.6





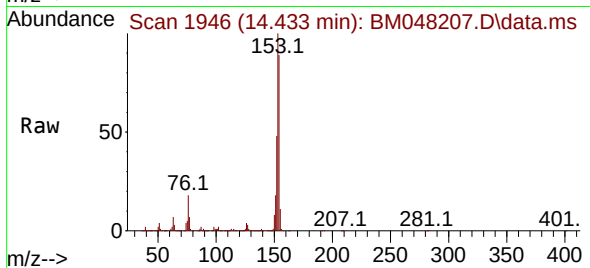
#52
Acenaphthene
Concen: 75.321 ng
RT: 14.433 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



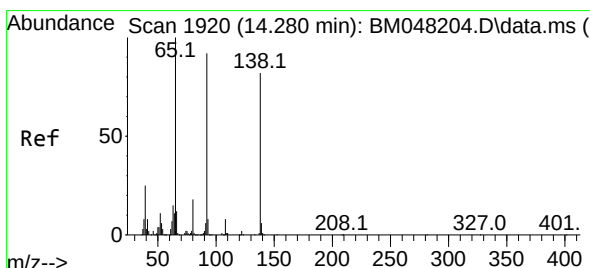
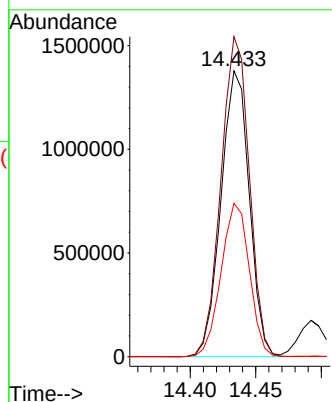
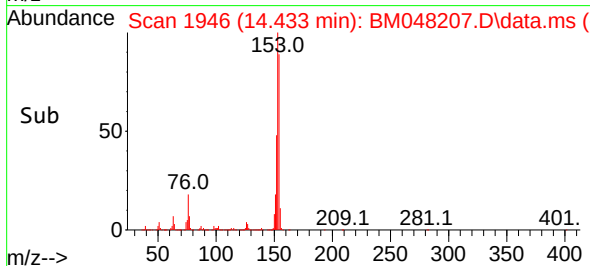
Tgt Ion:154 Resp: 2069358
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 53.7 43.6 65.4

Manual Integrations

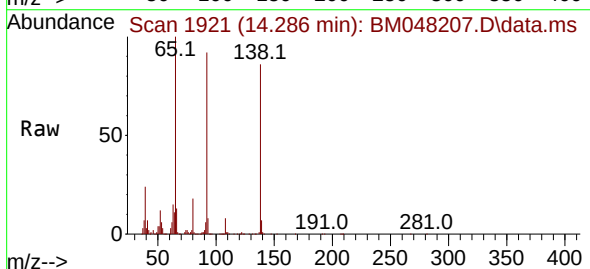
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

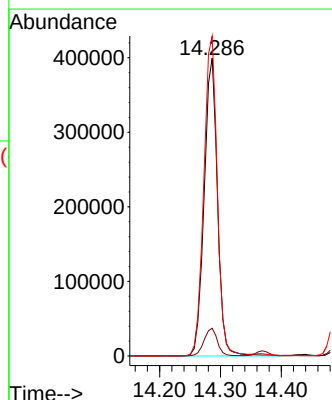
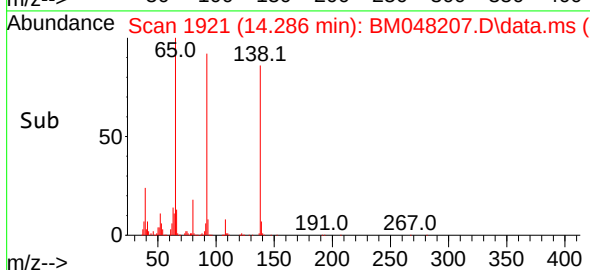
Supervised By :mohammad ahmed 10/24/2024

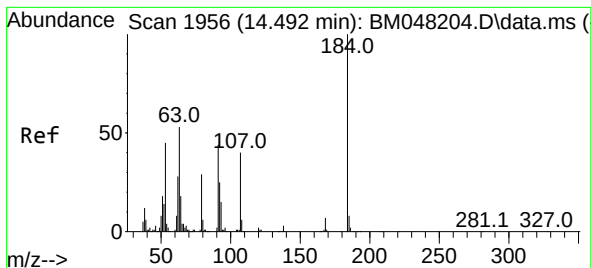


#53
3-Nitroaniline
Concen: 80.389 ng
RT: 14.286 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:138 Resp: 607949
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 107.4 89.7 134.5





#54
2,4-Dinitrophenol
Concen: 87.605 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

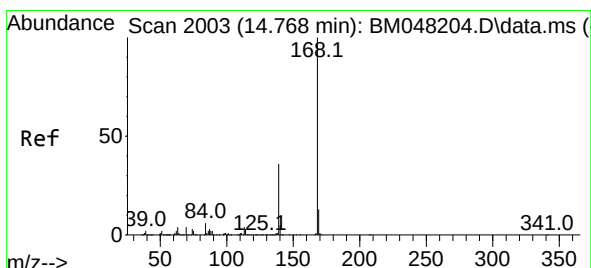
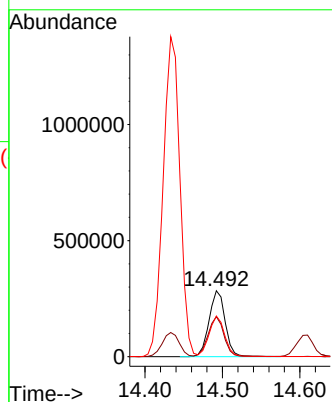
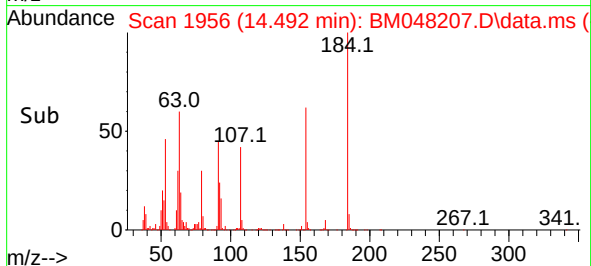
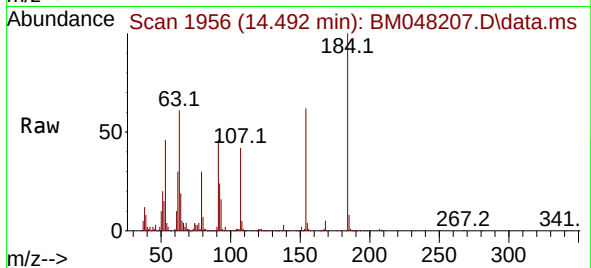
SSTDICC080

Tgt Ion:184 Resp: 410527
Ion Ratio Lower Upper
184 100
63 60.7 47.2 70.8
154 61.7 46.0 69.0

Manual Integrations

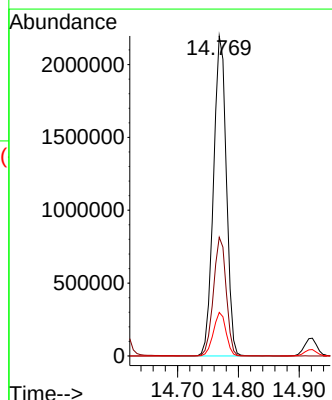
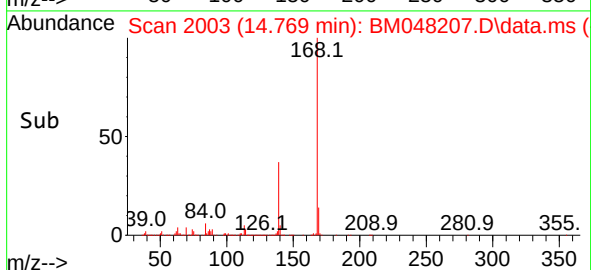
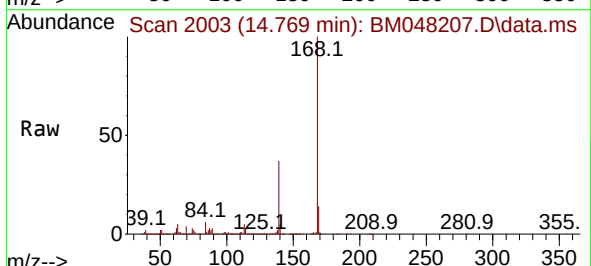
APPROVED

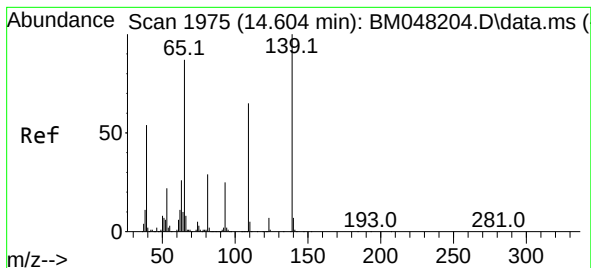
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#55
Dibenzofuran
Concen: 73.789 ng
RT: 14.769 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

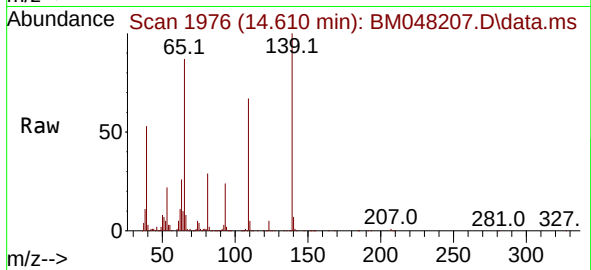
Tgt Ion:168 Resp: 3220815
Ion Ratio Lower Upper
168 100
139 37.1 29.0 43.6
169 13.6 10.4 15.6





#56
4-Nitrophenol
Concen: 84.742 ng
RT: 14.610 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

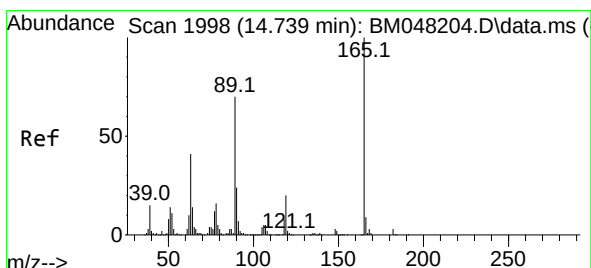
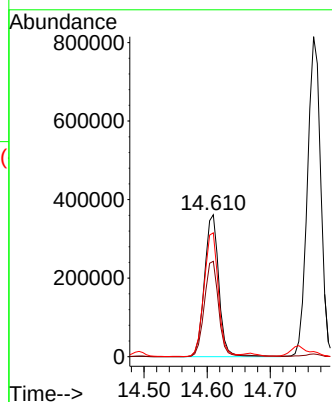
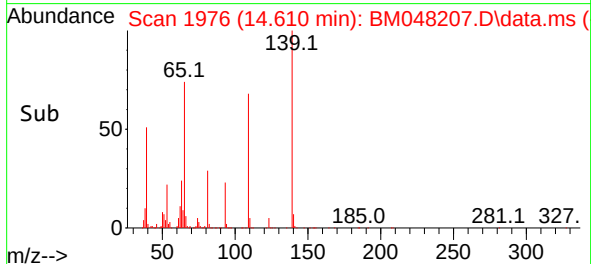
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 571964
Ion Ratio Lower Upper
139 100
109 67.1 45.4 85.4
65 87.2 67.3 107.3

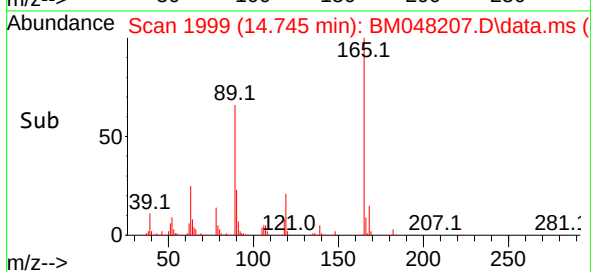
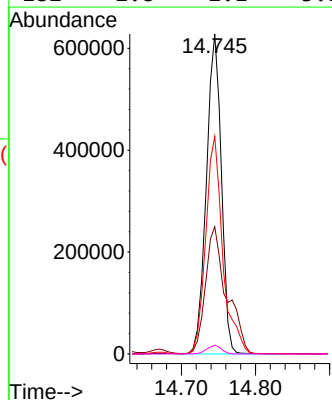
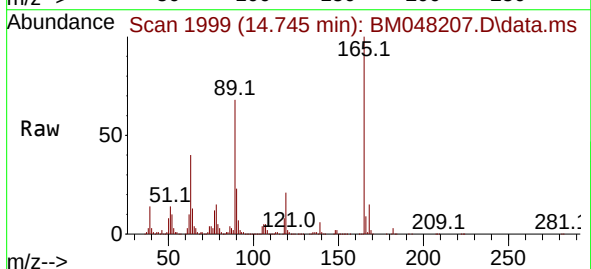
Manual Integrations
APPROVED

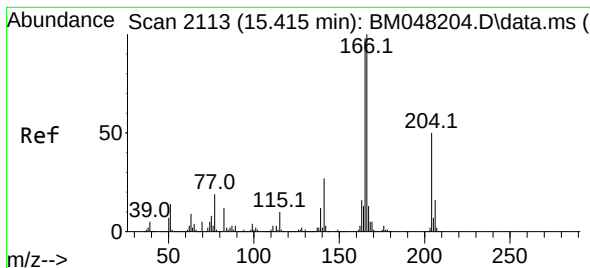
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#57
2,4-Dinitrotoluene
Concen: 83.161 ng
RT: 14.745 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion:165 Resp: 880658
Ion Ratio Lower Upper
165 100
63 39.7 33.0 49.4
89 68.0 55.8 83.6
182 2.8 2.1 3.1





#58

Fluorene

Concen: 71.768 ng

RT: 15.421 min Scan# 2113

Delta R.T. 0.006 min

Lab File: BM048207.D

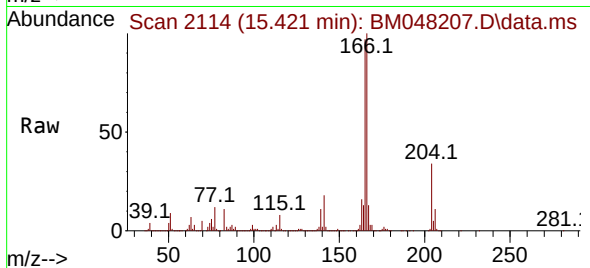
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



Tgt Ion:166 Resp: 247707

Ion Ratio Lower Upper

166 100

165 97.4 78.4 117.6

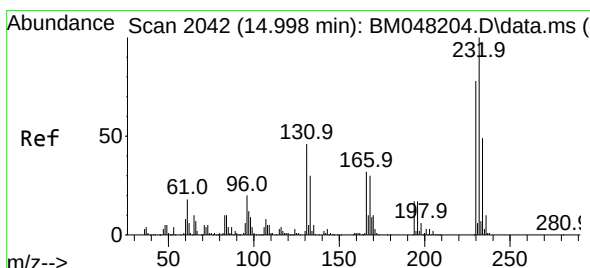
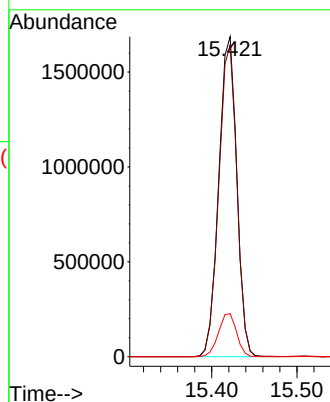
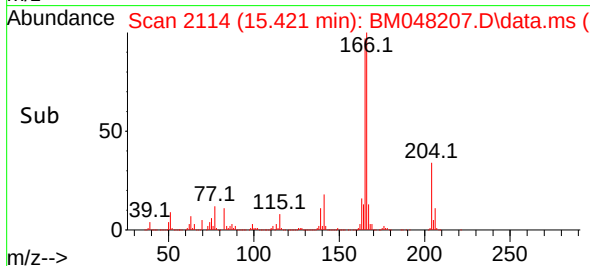
167 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 77.127 ng

RT: 15.004 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Tgt Ion:232 Resp: 711895

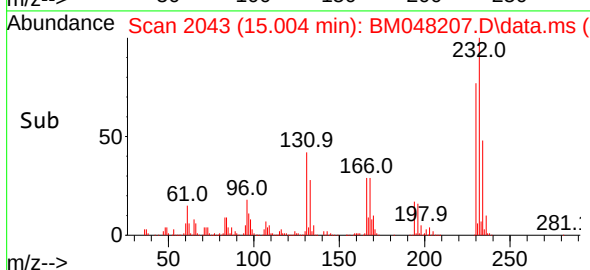
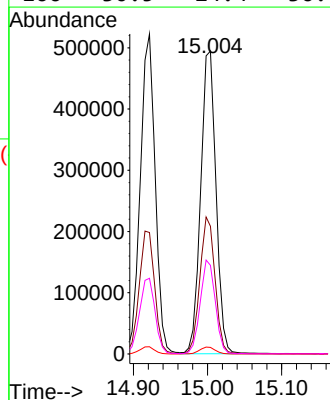
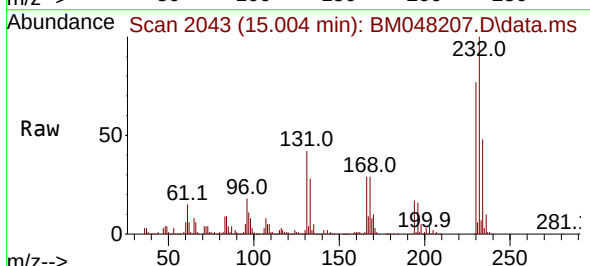
Ion Ratio Lower Upper

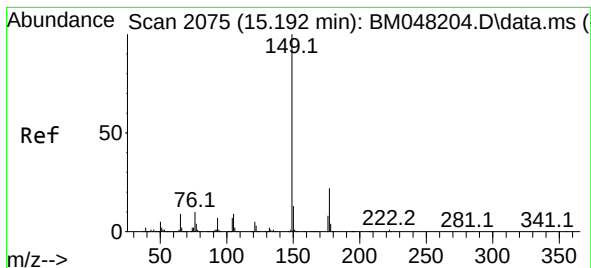
232 100

131 44.8 35.5 53.3

130 2.3 1.8 2.6

166 30.5 24.4 36.6





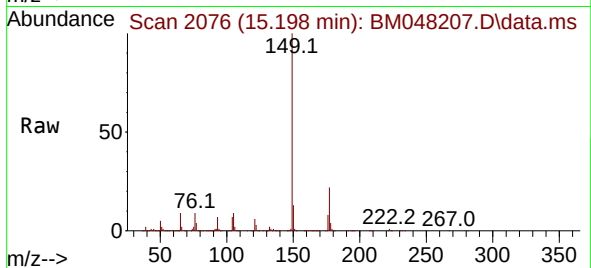
#60
Diethylphthalate
Concen: 75.856 ng
RT: 15.198 min Scan# 2075
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



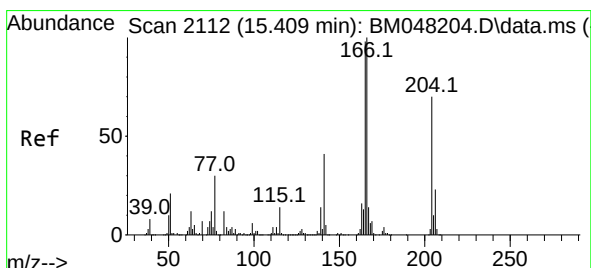
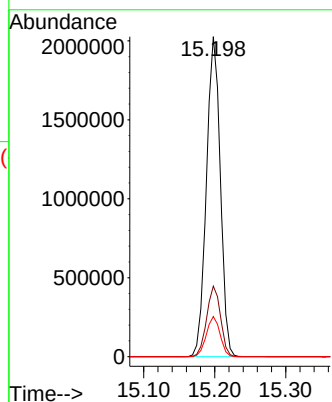
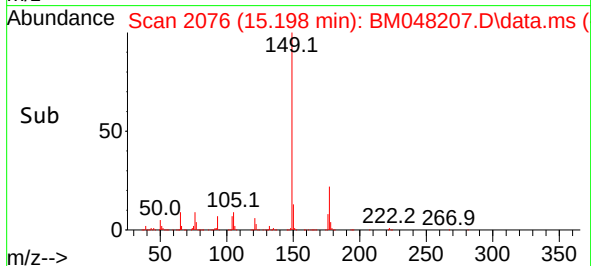
Tgt Ion:149 Resp: 276029
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.6 10.1 15.1

Manual Integrations

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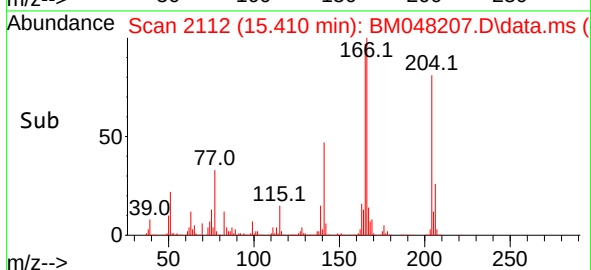
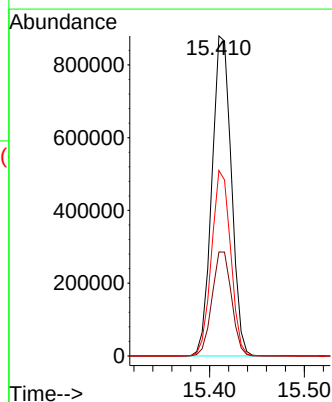
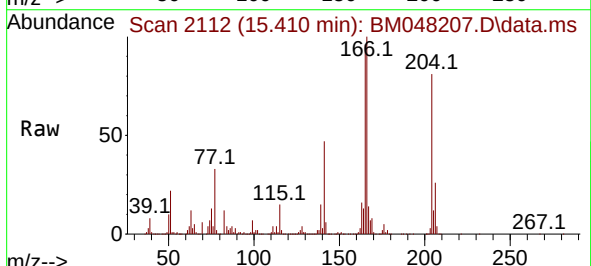
Reviewed By :Yogesh Patel 10/24/2024

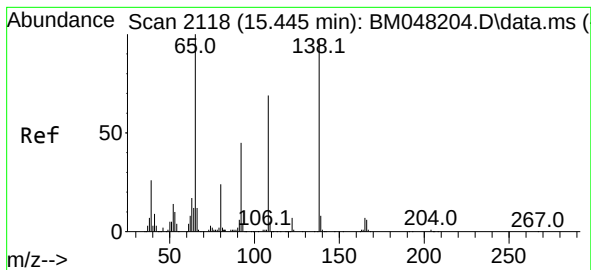
Supervised By :mohammad ahmed 10/24/2024



#61
4-Chlorophenyl-phenylether
Concen: 72.445 ng
RT: 15.410 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

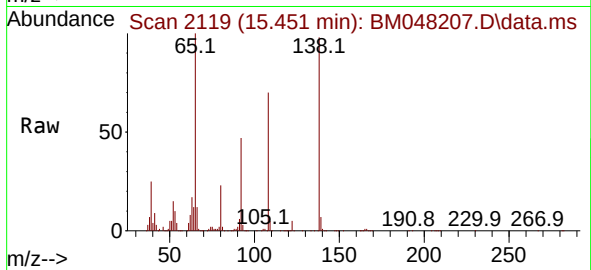
Tgt Ion:204 Resp: 1250232
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 58.0 47.0 70.6





#62
4-Nitroaniline
Concen: 88.303 ng
RT: 15.451 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

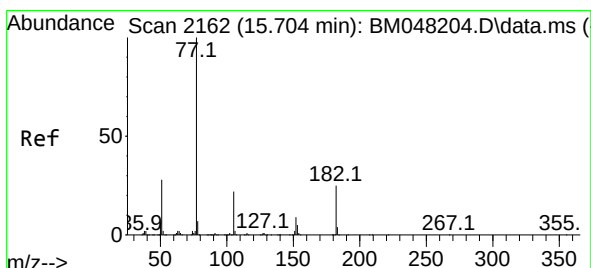
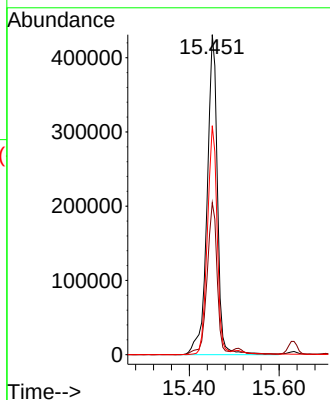
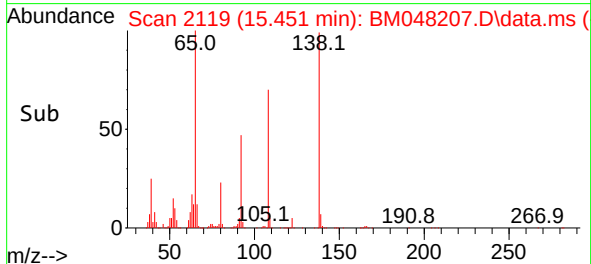
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 69112
Ion Ratio Lower Upper
138 100
92 47.5 26.9 66.9
108 71.5 51.3 91.3

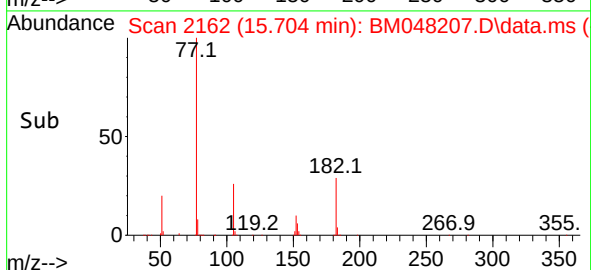
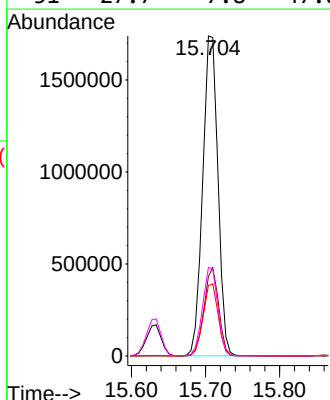
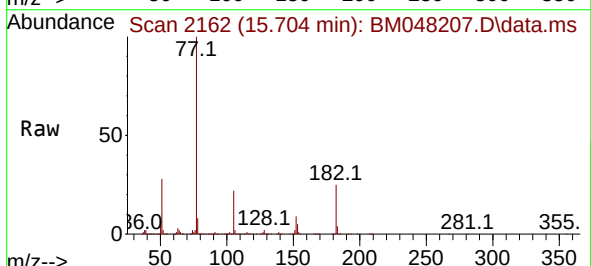
Manual Integrations
APPROVED

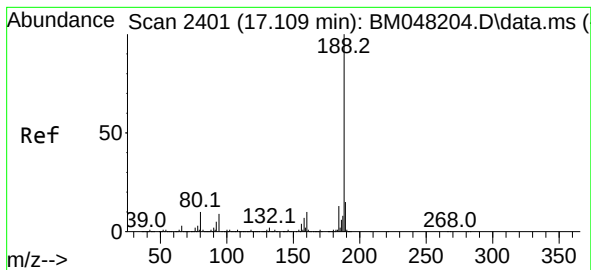
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#63
Azobenzene
Concen: 76.180 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

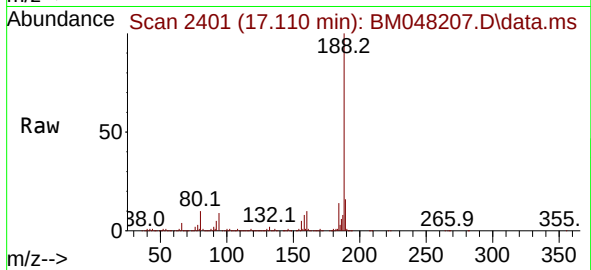
Tgt Ion: 77 Resp: 2484551
Ion Ratio Lower Upper
77 100
182 24.9 5.3 45.3
105 22.1 1.6 41.6
51 27.7 7.8 47.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.110 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

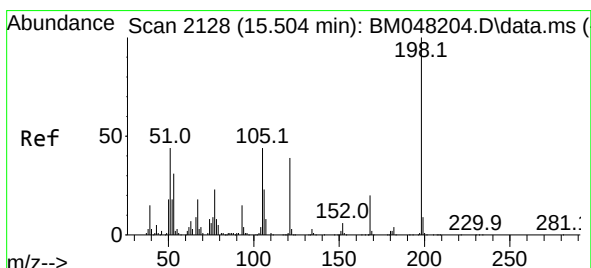
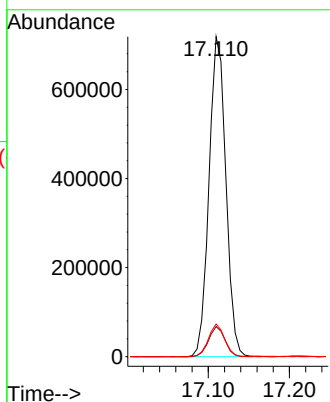
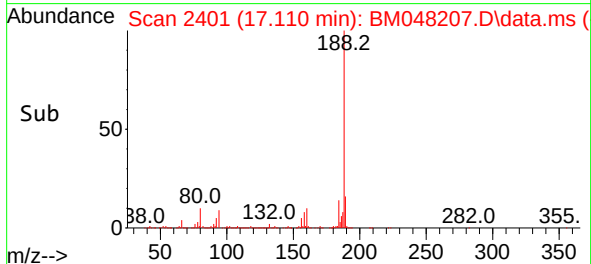
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



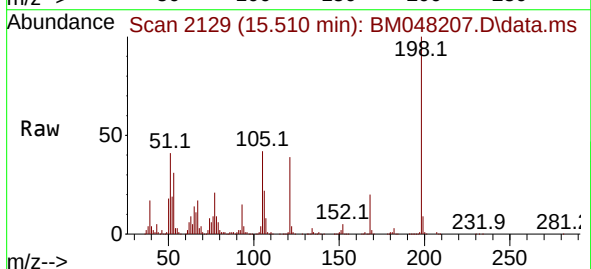
Tgt Ion:188 Resp: 103455
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 10.2 8.0 12.0

Manual Integrations
APPROVED

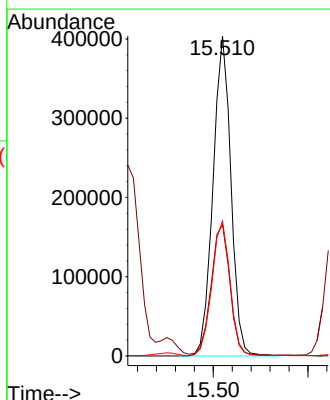
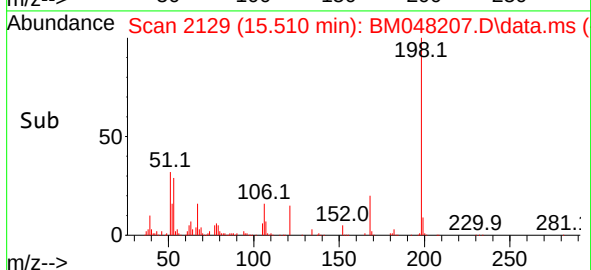
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

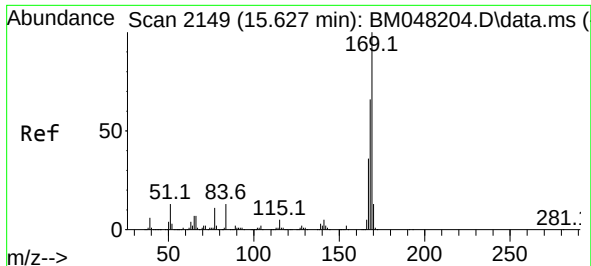


#65
4,6-Dinitro-2-methylphenol
Concen: 88.353 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:198 Resp: 530349
Ion Ratio Lower Upper
198 100
51 41.0 25.4 65.4
105 42.1 23.9 63.9





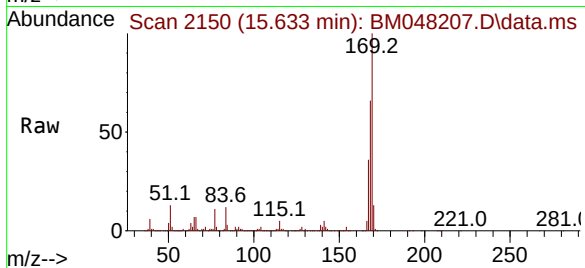
#66
n-Nitrosodiphenylamine
Concen: 75.900 ng
RT: 15.633 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

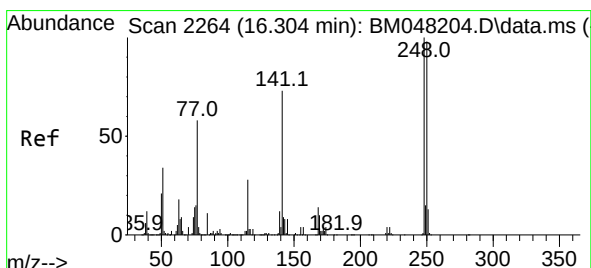
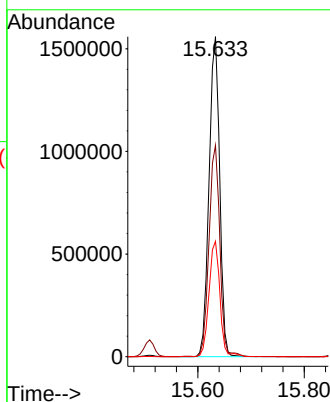
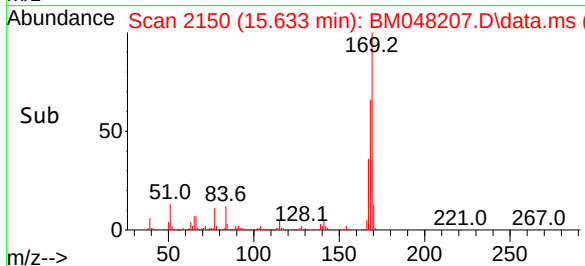


Tgt Ion:169 Resp: 215557
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.1 29.3 43.9

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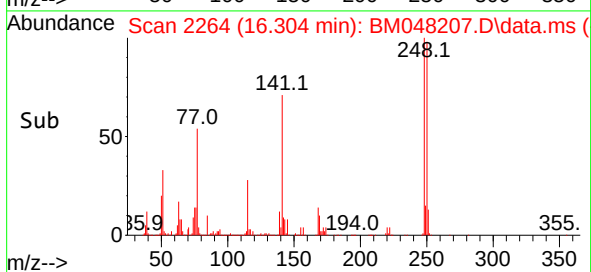
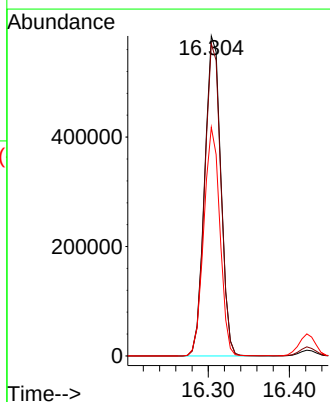
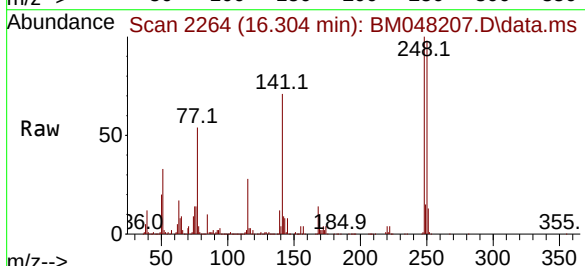
APPROVED

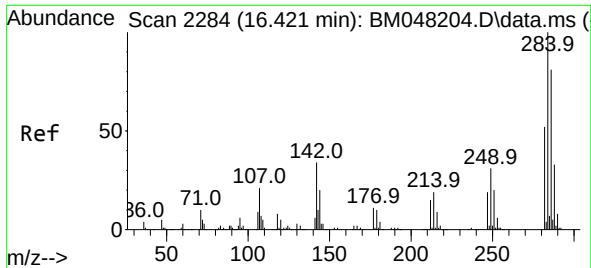
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#67
4-Bromophenyl-phenylether
Concen: 77.103 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Tgt Ion:248 Resp: 808728
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 71.5 58.0 87.0





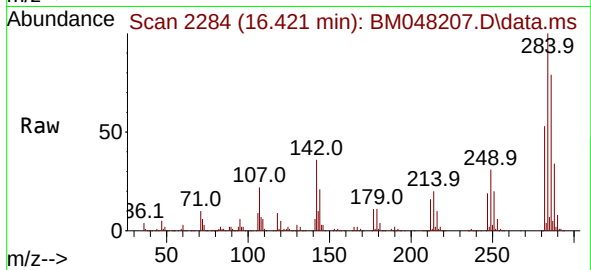
#68
Hexachlorobenzene
Concen: 76.094 ng
RT: 16.421 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

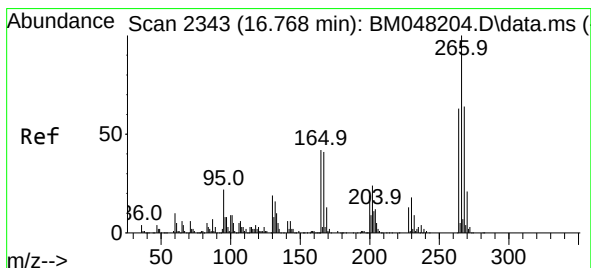
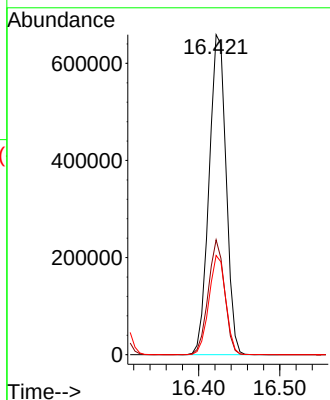
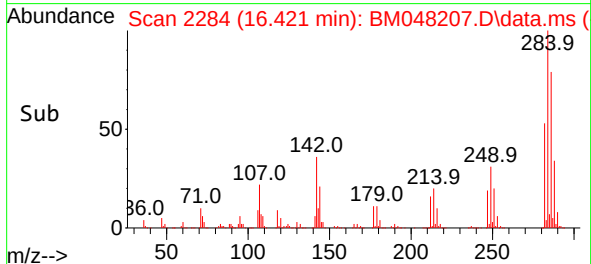


Tgt Ion:284 Resp: 958610
Ion Ratio Lower Upper
284 100
142 35.9 27.0 40.4
249 31.0 24.6 36.8

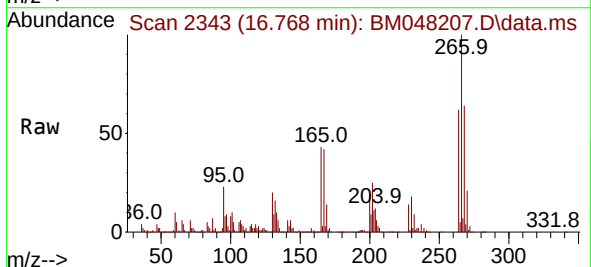
Manual Integrations

APPROVED

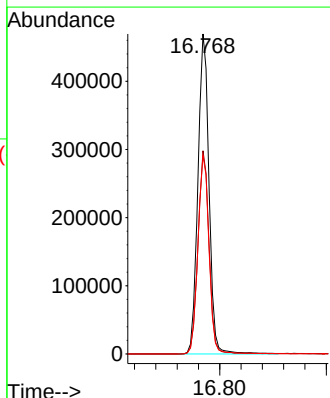
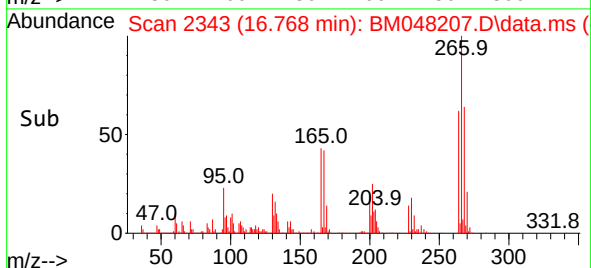
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

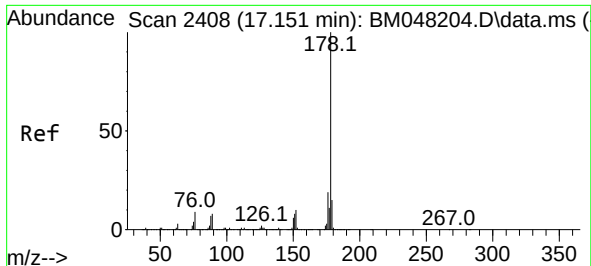


#70
Pentachlorophenol
Concen: 82.099 ng
RT: 16.768 min Scan# 2343
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



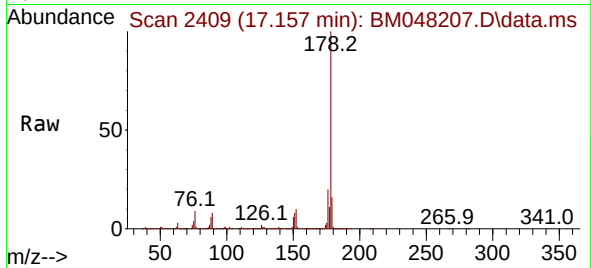
Tgt Ion:266 Resp: 679039
Ion Ratio Lower Upper
266 100
268 63.5 50.8 76.2
264 62.0 50.2 75.2





#71
Phenanthrene
Concen: 75.151 ng
RT: 17.157 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

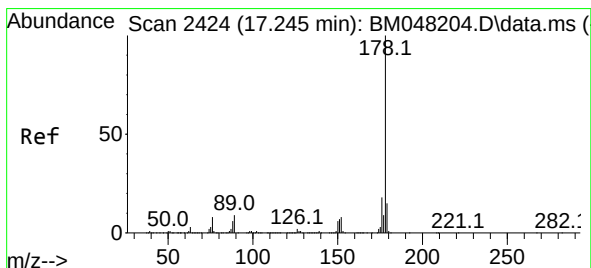
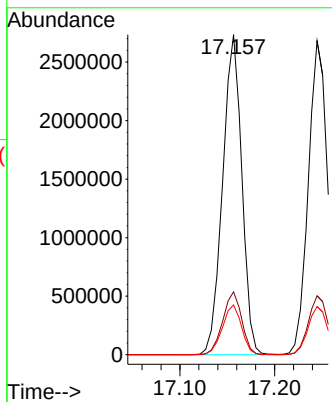
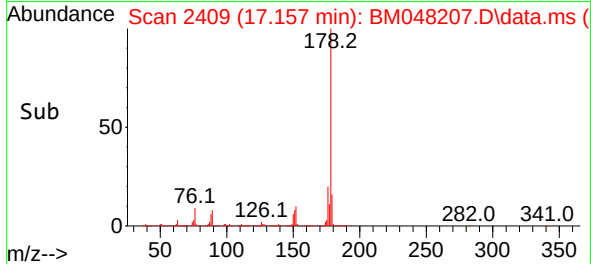
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



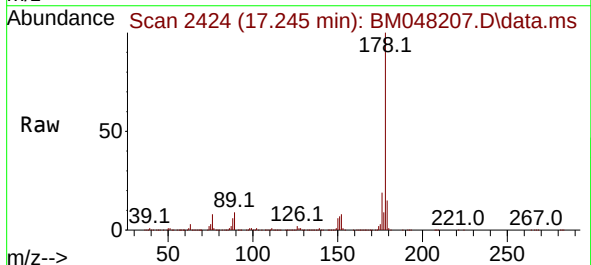
Tgt Ion:178 Resp: 384983
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.5 12.4 18.6

Manual Integrations
APPROVED

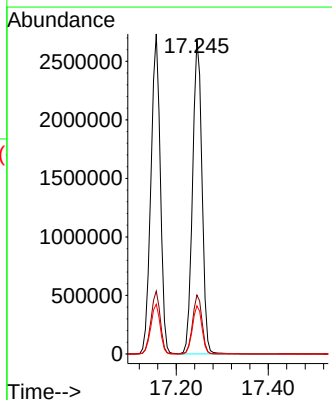
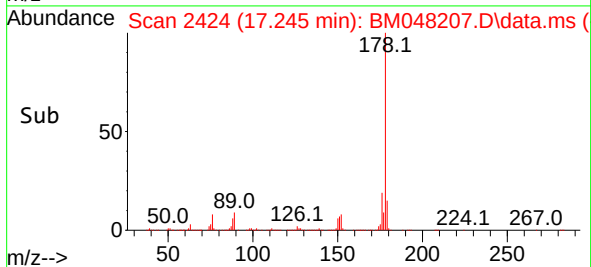
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

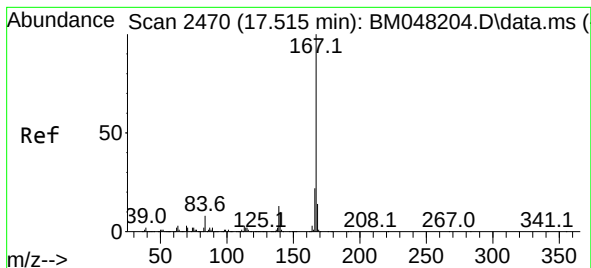


#72
Anthracene
Concen: 76.462 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:178 Resp: 3791795
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.2 18.2





#73

Carbazole

Concen: 77.584 ng

RT: 17.521 min Scan# 2471

Delta R.T. 0.006 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 3771725

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

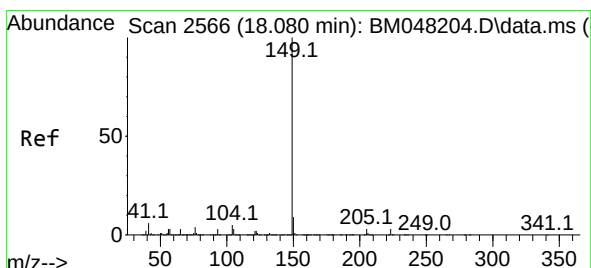
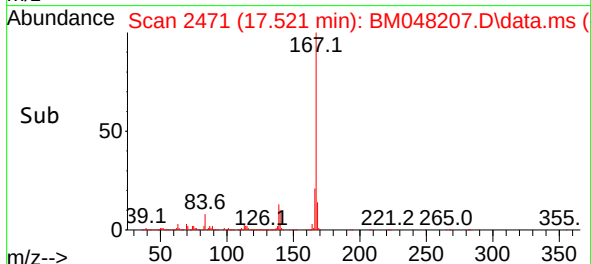
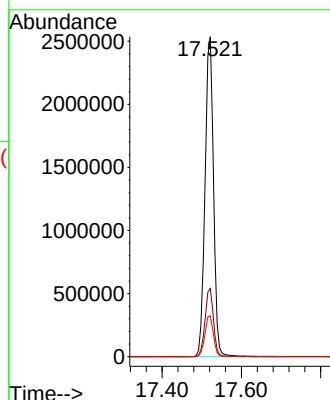
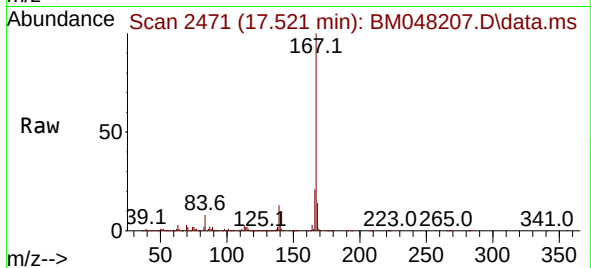
139 12.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#74

Di-n-butylphthalate

Concen: 79.423 ng

RT: 18.080 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

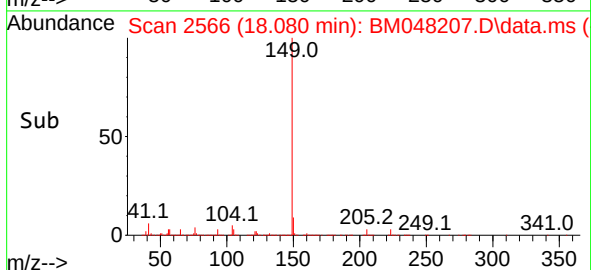
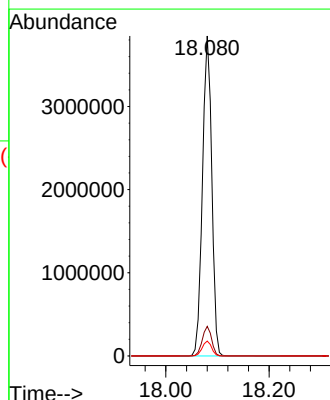
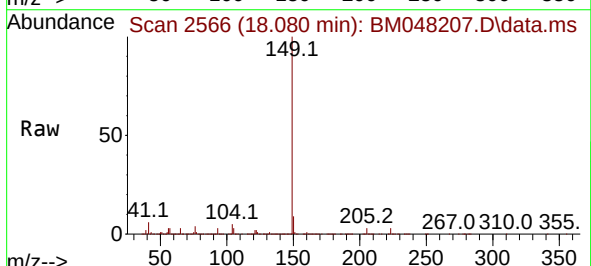
Tgt Ion:149 Resp: 4806034

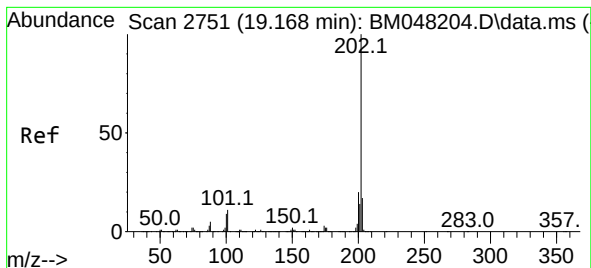
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

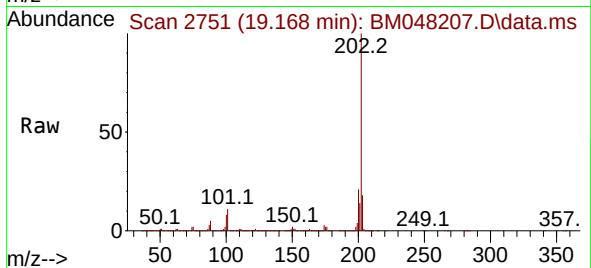
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 75.627 ng
RT: 19.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

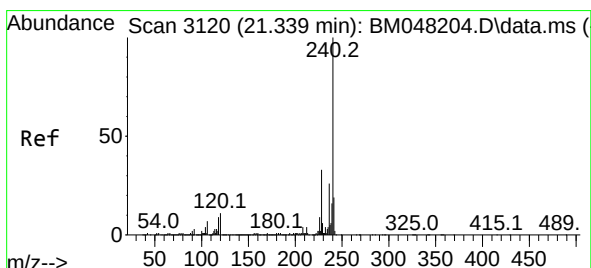
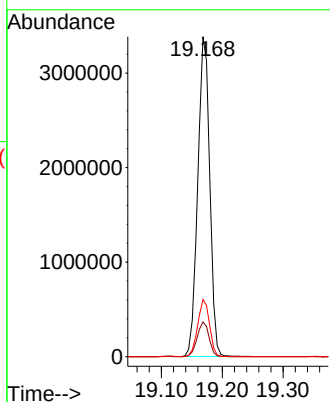
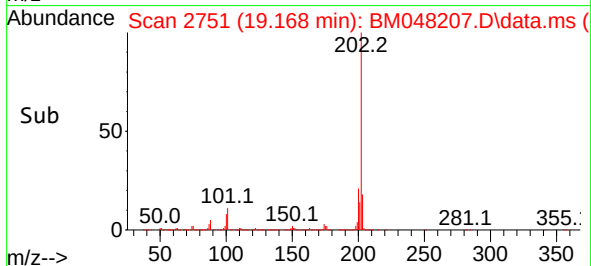
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



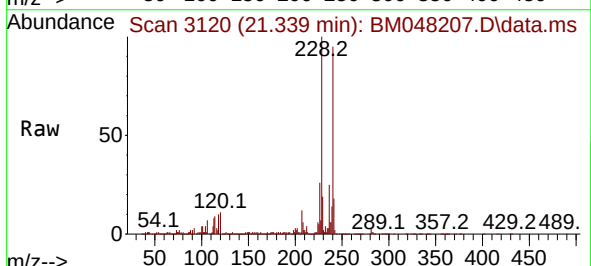
Tgt Ion:202 Resp: 462147
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.0
203 17.8 0.0 37.5

Manual Integrations
APPROVED

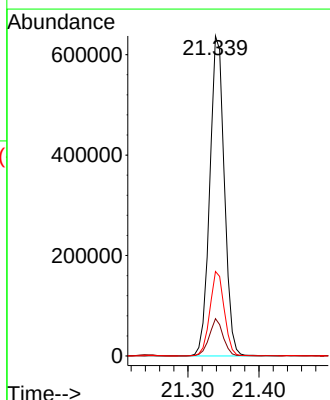
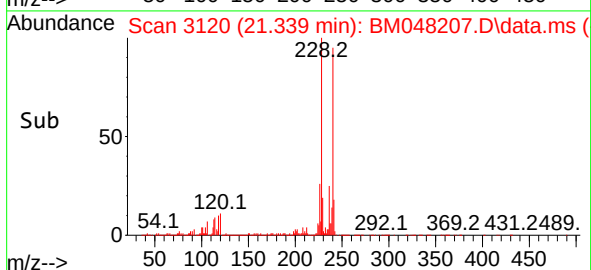
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

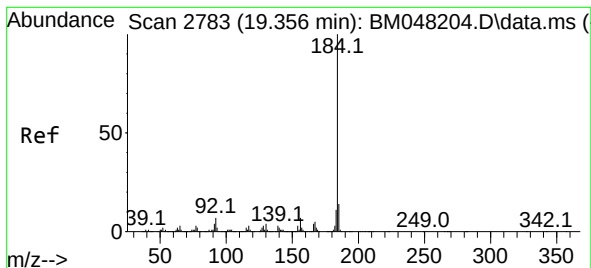


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:240 Resp: 907221
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 26.4 20.7 31.1





#77

Benzidine

Concen: 77.181 ng

RT: 19.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

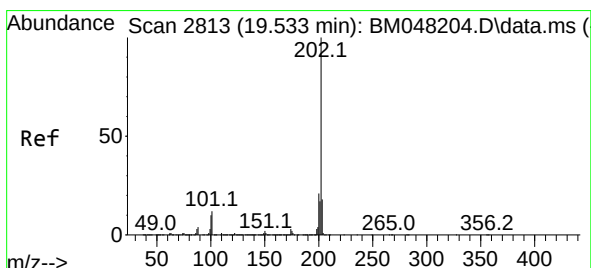
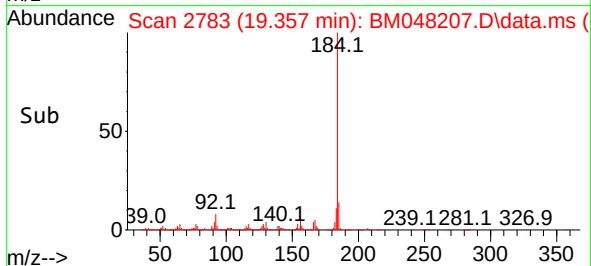
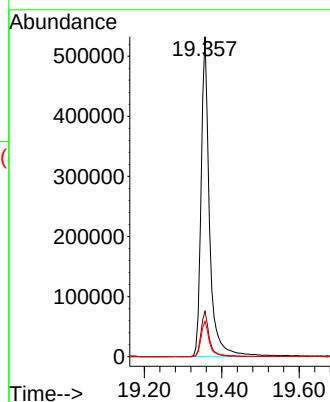
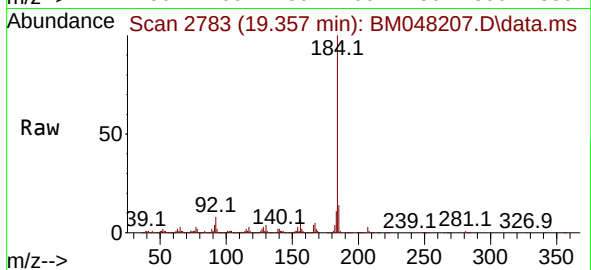
SSTDICC080

Tgt Ion:184 Resp: 80810
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.4 17.0
 183 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/24/2024



#78

Pyrene

Concen: 79.444 ng

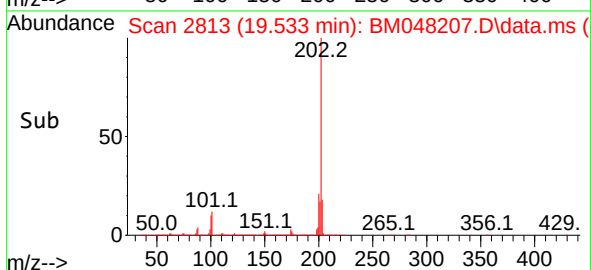
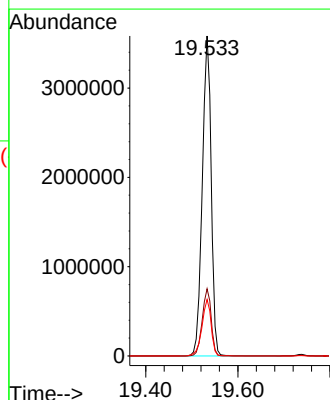
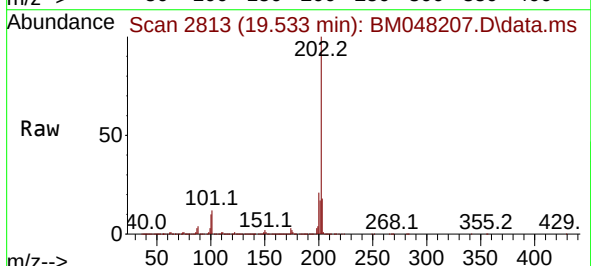
RT: 19.533 min Scan# 2813

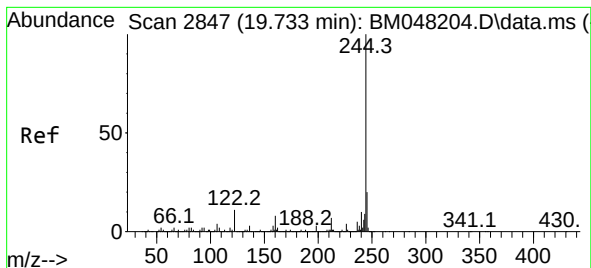
Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Tgt Ion:202 Resp: 4824103
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.9 25.3
 203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 148.070 ng

RT: 19.739 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM048207.D

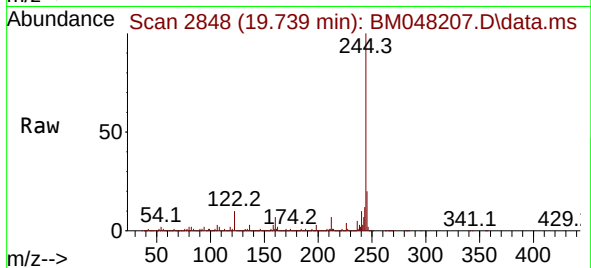
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



Tgt Ion:244 Resp: 658255

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

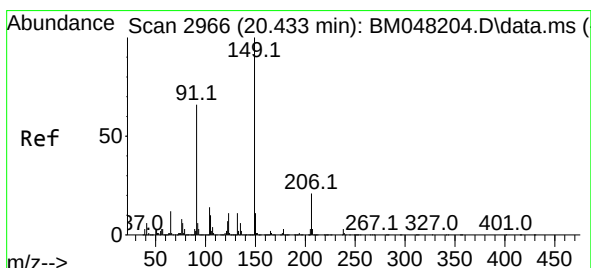
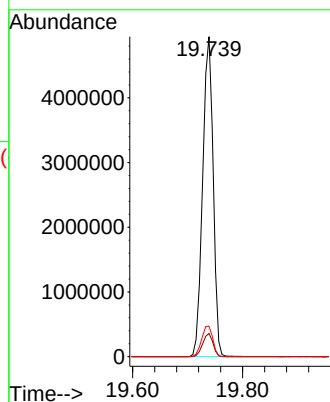
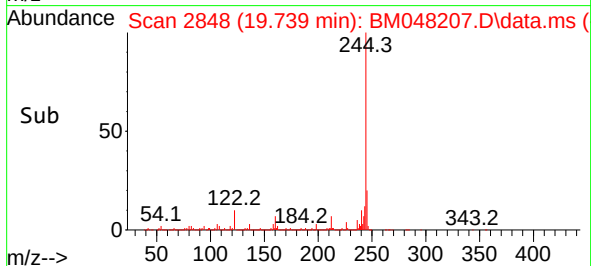
122 9.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#80

Butylbenzylphthalate

Concen: 85.709 ng

RT: 20.433 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

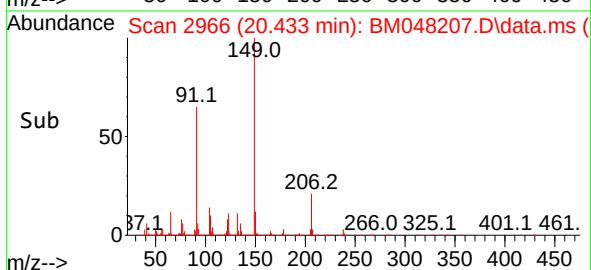
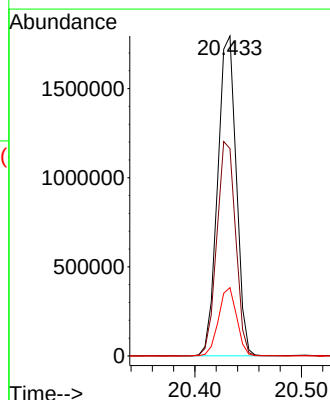
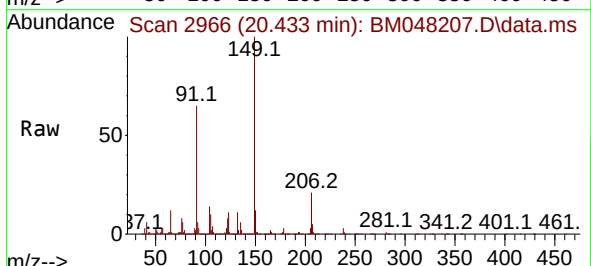
Tgt Ion:149 Resp: 2176372

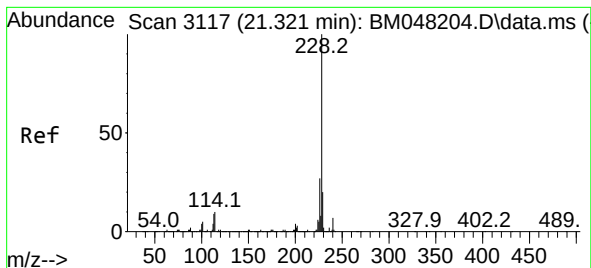
Ion Ratio Lower Upper

149 100

91 64.8 52.5 78.7

206 21.3 17.0 25.6





#81

Benzo(a)anthracene

Concen: 78.667 ng

RT: 21.321 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 456064

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

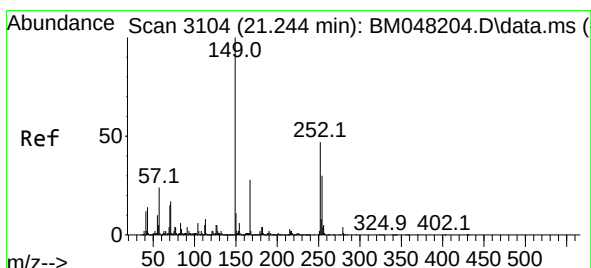
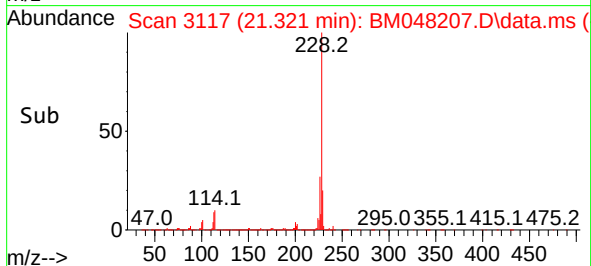
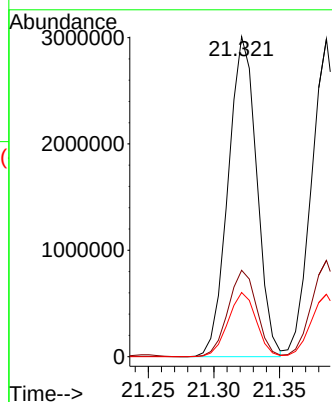
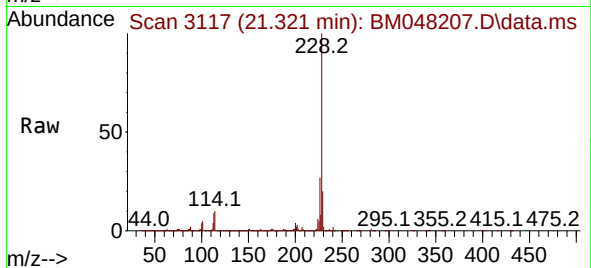
229 20.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 77.073 ng

RT: 21.245 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

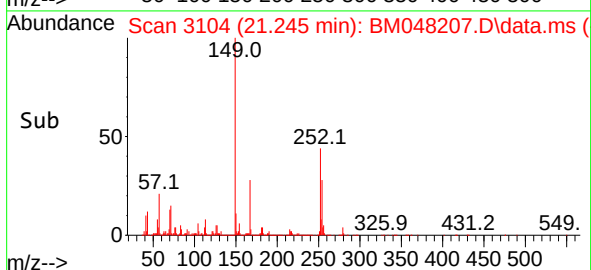
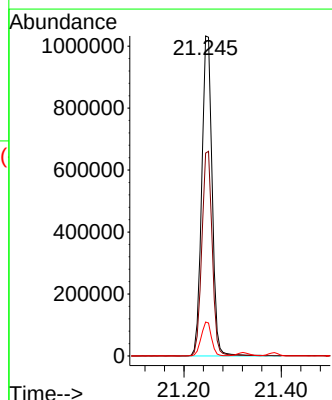
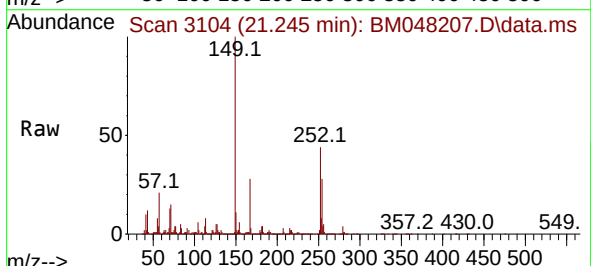
Tgt Ion:252 Resp: 1530506

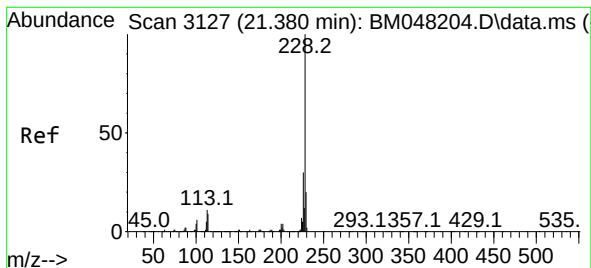
Ion Ratio Lower Upper

252 100

254 63.4 51.8 77.8

126 10.6 8.8 13.2





#83

Chrysene

Concen: 76.770 ng

RT: 21.386 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 4272014

Ion Ratio Lower Upper

228 100

226 30.3 23.5 35.3

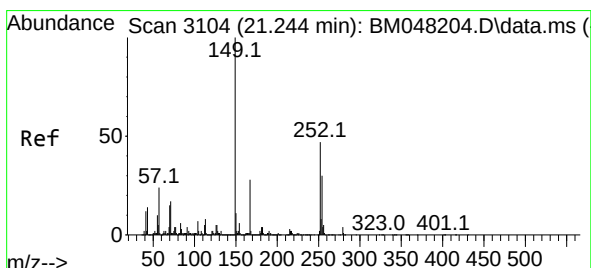
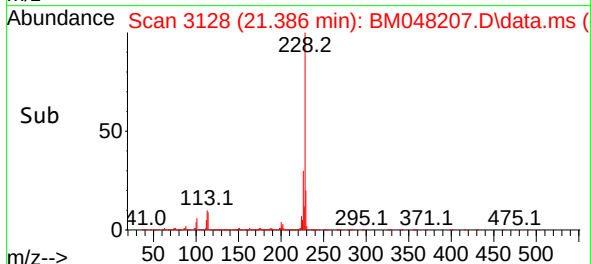
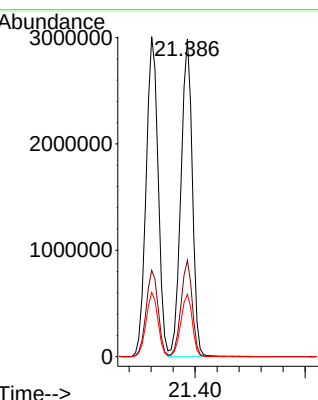
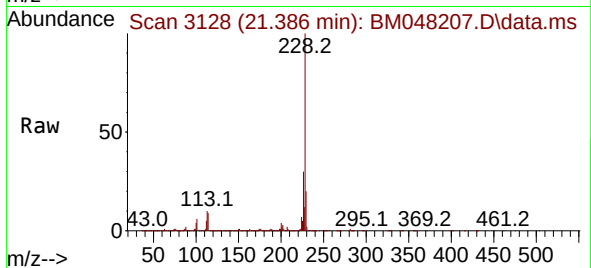
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 80.935 ng

RT: 21.245 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

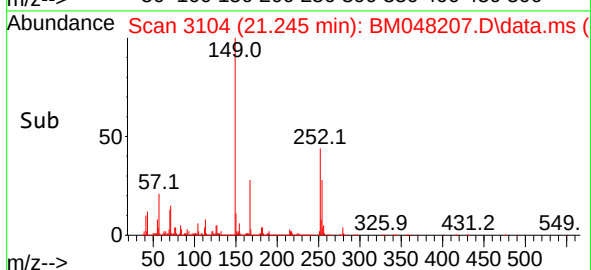
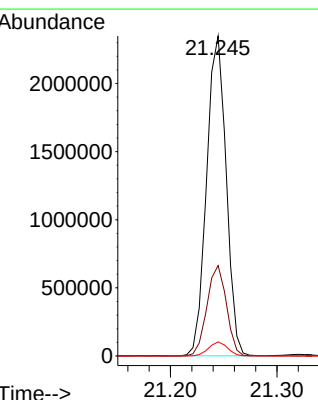
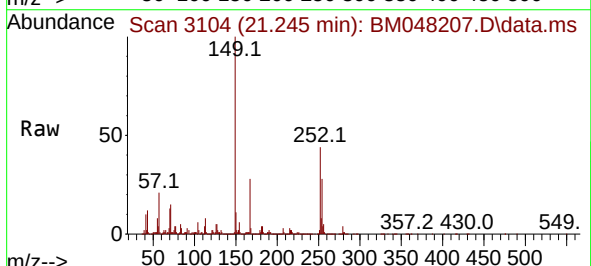
Tgt Ion:149 Resp: 2986988

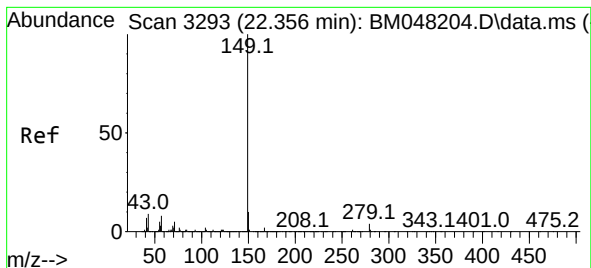
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

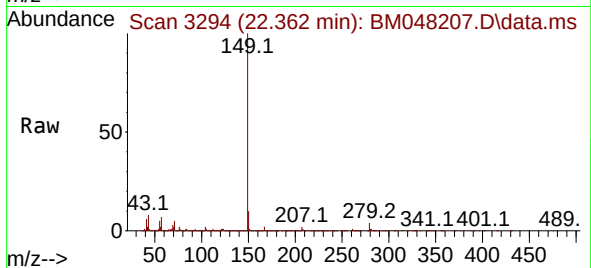
279 4.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 87.870 ng
RT: 22.362 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

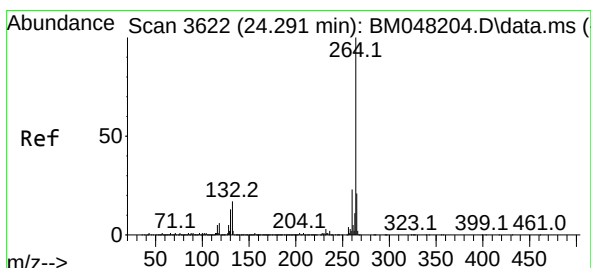
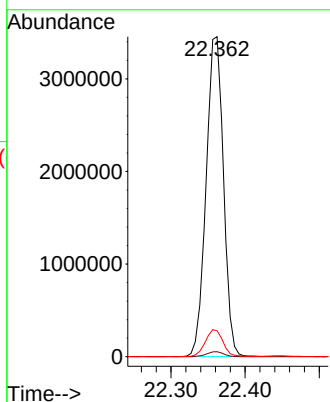
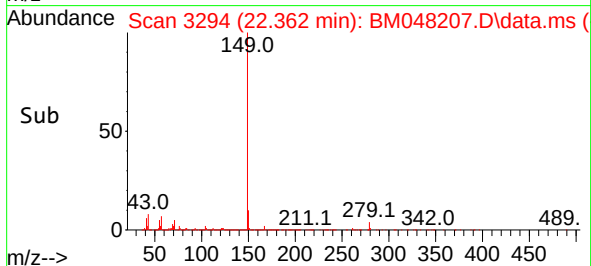
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



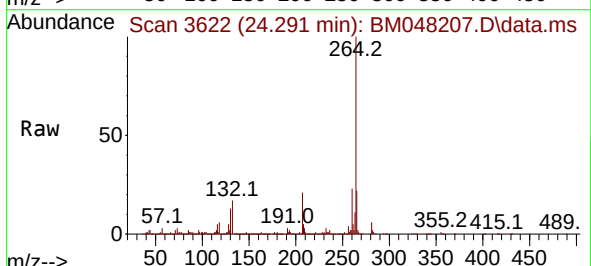
Tgt Ion:149 Resp: 5616584
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 7.3 10.9

Manual Integrations
APPROVED

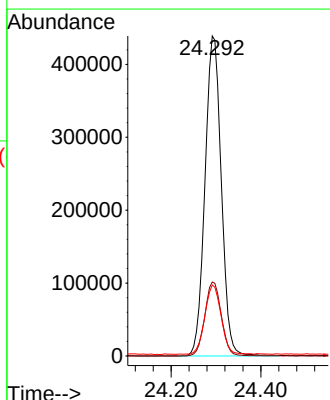
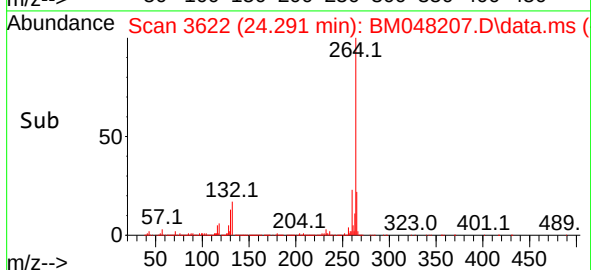
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024

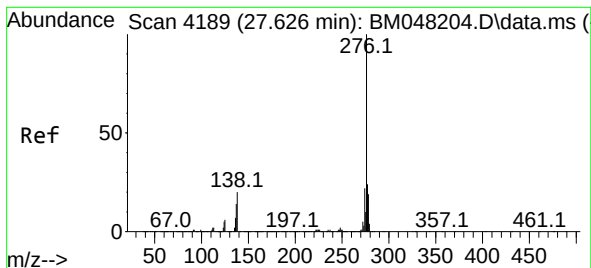


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.291 min Scan# 3622
Delta R.T. 0.000 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:264 Resp: 1108351
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 78.667 ng

RT: 27.638 min Scan# 4189

Delta R.T. 0.012 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 576563

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.6

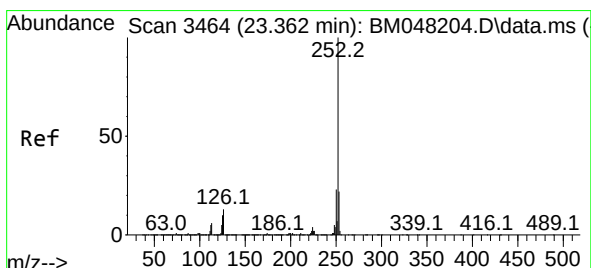
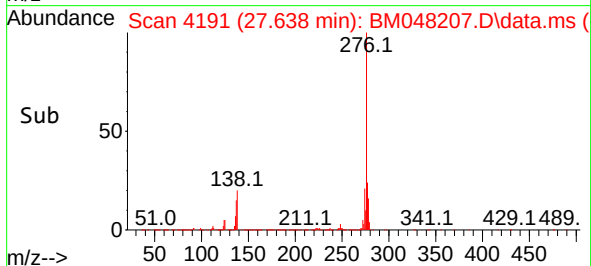
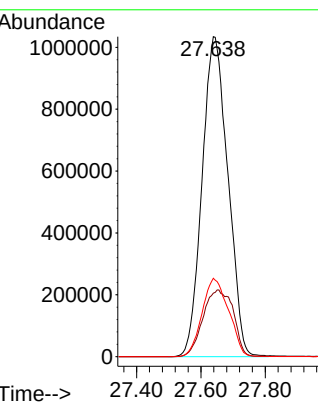
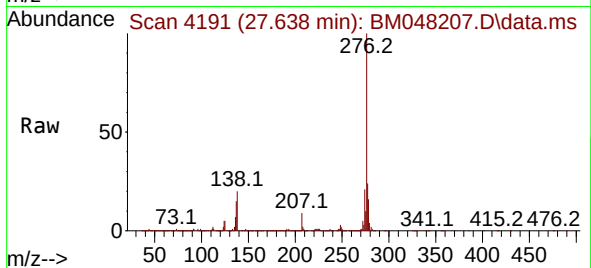
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/24/2024



#88

Benzo(b)fluoranthene

Concen: 78.237 ng

RT: 23.368 min Scan# 3465

Delta R.T. 0.006 min

Lab File: BM048207.D

Acq: 23 Oct 2024 17:02

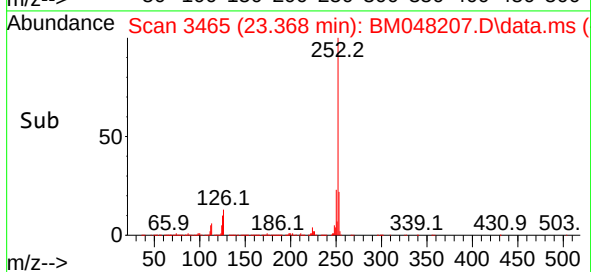
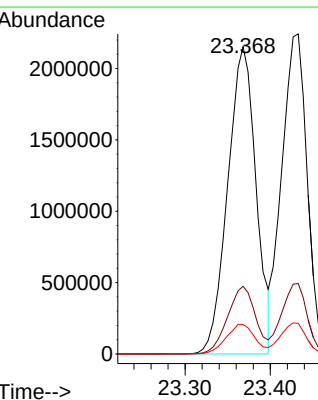
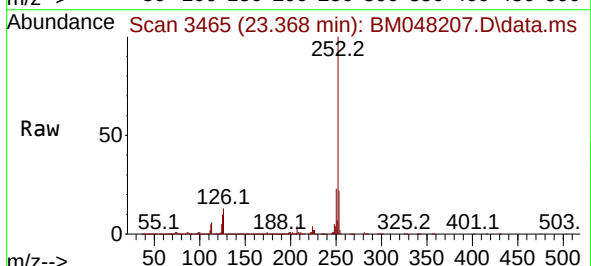
Tgt Ion:252 Resp: 4971836

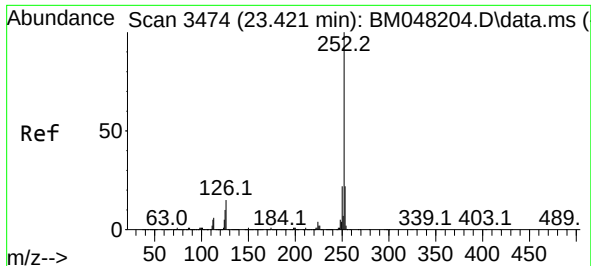
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.6 7.9 11.9





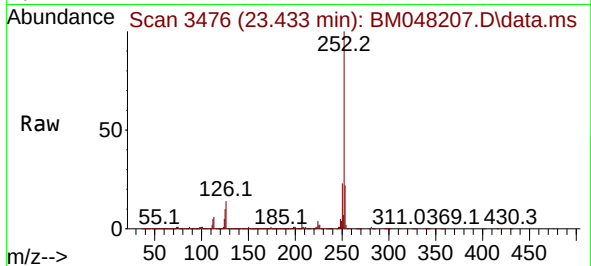
#89
Benzo(k)fluoranthene
Concen: 75.572 ng
RT: 23.433 min Scan# 3474
Delta R.T. 0.012 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



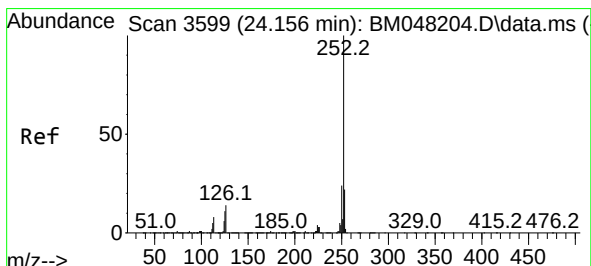
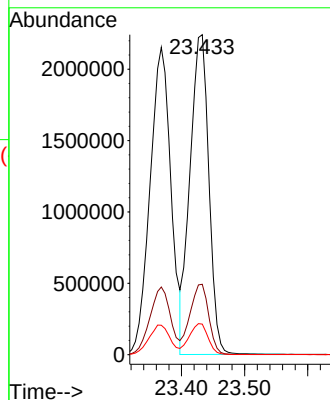
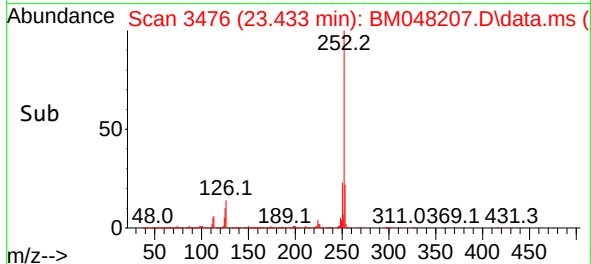
Tgt Ion:252 Resp: 4643240
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.6 7.8 11.6

Manual Integrations

APPROVED

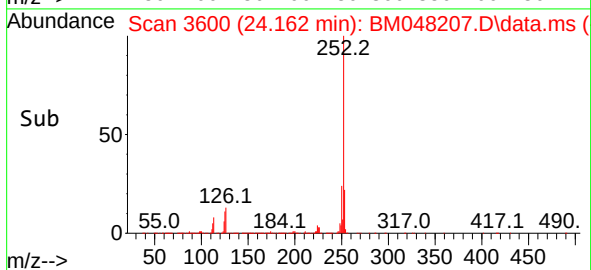
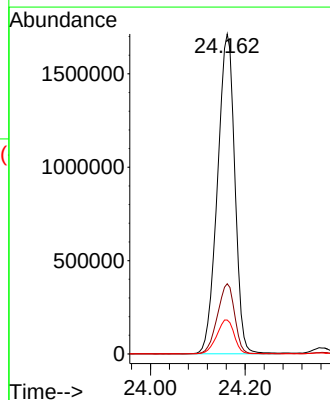
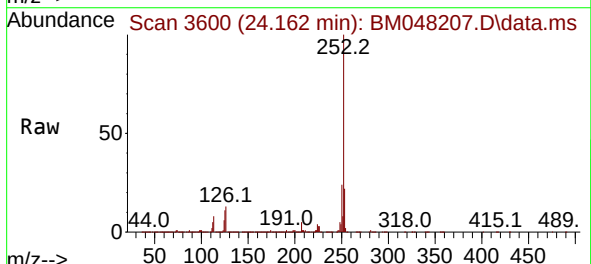
Reviewed By :Yogesh Patel 10/24/2024

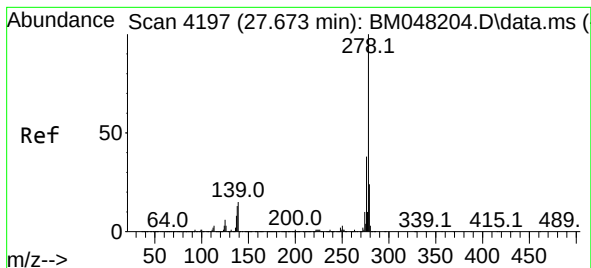
Supervised By :mohammad ahmed 10/24/2024



#90
Benzo(a)pyrene
Concen: 78.814 ng
RT: 24.162 min Scan# 3600
Delta R.T. 0.006 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

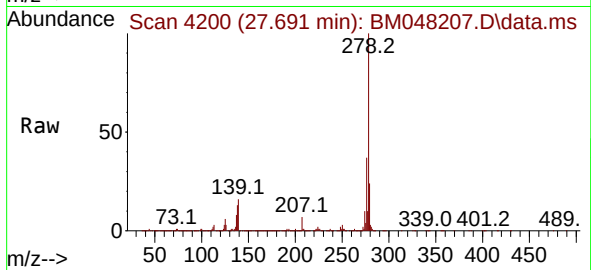
Tgt Ion:252 Resp: 4354342
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 77.655 ng
RT: 27.691 min Scan# 4197
Delta R.T. 0.018 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02

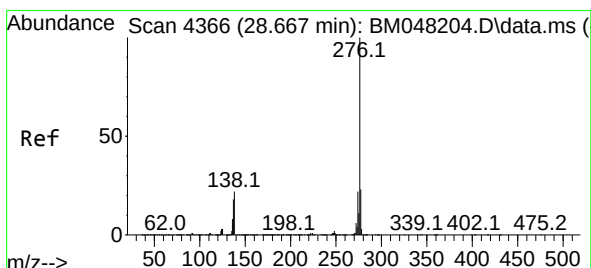
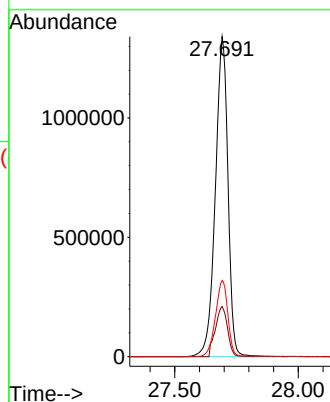
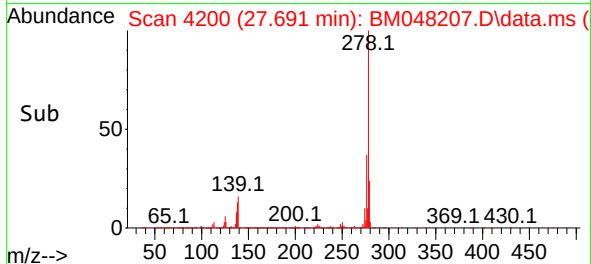
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



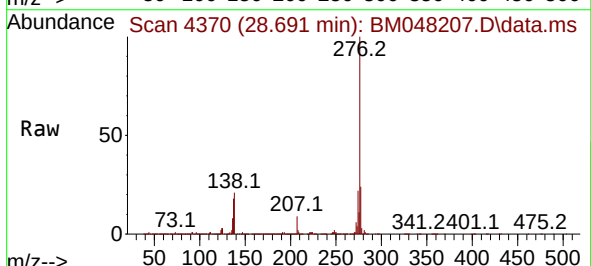
Tgt Ion:278 Resp: 473955
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/24/2024



#92
Benzo(g,h,i)perylene
Concen: 78.238 ng
RT: 28.691 min Scan# 4370
Delta R.T. 0.024 min
Lab File: BM048207.D
Acq: 23 Oct 2024 17:02



Tgt Ion:276 Resp: 4889796
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 21.3 17.5 26.3

