

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047559.D
 Acq On : 18 Sep 2024 17:07
 Operator : RC/JU
 Sample : P4085-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 18 17:43:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	291938	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1154447	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	571144	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	986732	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	777638	20.000	ng	0.00
86) Perylene-d12	24.474	264	813227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2424175	132.213	ng	0.00
7) Phenol-d6	7.016	99	3127185	121.109	ng	0.00
23) Nitrobenzene-d5	9.004	82	1889060	81.892	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	642335	116.352	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	3263288	78.706	ng	0.00
79) Terphenyl-d14	19.833	244	3796862	87.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	356922	45.449	ng	99
3) Pyridine	3.722	79	1037590	44.386	ng	97
4) n-Nitrosodimethylamine	3.628	42	530343	50.002	ng	95
6) Aniline	7.175	93	1332298	58.199	ng	98
8) 2-Chlorophenol	7.416	128	1097224	54.284	ng	98
9) Benzaldehyde	6.987	77	200917	16.364	ng	99
10) Phenol	7.040	94	1456046	56.317	ng	99
11) bis(2-Chloroethyl)ether	7.275	93	1097000	52.850	ng	99
12) 1,3-Dichlorobenzene	7.745	146	1100599	49.747	ng	98
13) 1,4-Dichlorobenzene	7.887	146	1123255	49.847	ng	98
14) 1,2-Dichlorobenzene	8.204	146	1084276	48.893	ng	98
15) Benzyl Alcohol	8.087	79	974348	55.707	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1549119	53.055	ng	98
17) 2-Methylphenol	8.292	107	889581	53.859	ng	98
18) Hexachloroethane	8.939	117	454998	50.545	ng	97
19) n-Nitroso-di-n-propyla...	8.657	70	873985	50.202	ng	96
20) 3+4-Methylphenols	8.616	107	1202357	52.171	ng	99
22) Acetophenone	8.669	105	1625098	53.544	ng	99
24) Nitrobenzene	9.045	77	1266203	53.418	ng	97
25) Isophorone	9.575	82	2185346	53.887	ng	99
26) 2-Nitrophenol	9.757	139	453337	56.125	ng	97
27) 2,4-Dimethylphenol	9.822	122	843355	68.877	ng	99
28) bis(2-Chloroethoxy)met...	10.057	93	1368976	53.741	ng	99
29) 2,4-Dichlorophenol	10.292	162	846192	54.396	ng	97
30) 1,2,4-Trichlorobenzene	10.510	180	859675	48.244	ng	97
31) Naphthalene	10.698	128	3190373	51.170	ng	100
32) Benzoic acid	9.945	122	537648	45.026	ng	99
33) 4-Chloroaniline	10.798	127	859291	38.118	ng	98
34) Hexachlorobutadiene	10.992	225	476948	48.324	ng	98
35) Caprolactam	11.569	113	260033m	50.750	ng	
36) 4-Chloro-3-methylphenol	11.922	107	944731	52.993	ng	96
37) 2-Methylnaphthalene	12.310	142	2098431	50.568	ng	98
38) 1-Methylnaphthalene	12.527	142	1978310	47.972	ng	99
40) 1,2,4,5-Tetrachloroben...	12.675	216	898013	58.106	ng	# 97
41) Hexachlorocyclopentadiene	12.669	237	1054983	208.811	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	575151	59.402	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	612355	55.993	ng	95
46) 1,1'-Biphenyl	13.322	154	2510071	56.485	ng	100
47) 2-Chloronaphthalene	13.357	162	1890568	54.791	ng	98
48) 2-Nitroaniline	13.551	65	614827	60.665	ng	95
49) Acenaphthylene	14.204	152	3004401	60.337	ng	100
50) Dimethylphthalate	13.939	163	2124101	54.565	ng	100
51) 2,6-Dinitrotoluene	14.051	165	430976	52.444	ng	96
52) Acenaphthene	14.545	154	2127447	60.978	ng	99
53) 3-Nitroaniline	14.374	138	379986	41.601	ng	95
54) 2,4-Dinitrophenol	14.580	184	398969	84.310	ng	97
55) Dibenzofuran	14.880	168	2704522	55.164	ng	96
56) 4-Nitrophenol	14.680	139	936304	124.569	ng	97
57) 2,4-Dinitrotoluene	14.833	165	575752	52.532	ng	# 91
58) Fluorene	15.527	166	2420426	54.836	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	467356m	54.812	ng	
60) Diethylphthalate	15.304	149	2246693	54.229	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	1043482	51.703	ng	96
62) 4-Nitroaniline	15.533	138	569997	53.087	ng	96
63) Azobenzene	15.815	77	2840070	62.257	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	235533	47.034	ng	95
66) n-Nitrosodiphenylamine	15.733	169	1886428	62.493	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	524133	54.667	ng	96
68) Hexachlorobenzene	16.533	284	578597	53.270	ng	98
69) Atrazine	16.680	200	516378	61.892	ng	99
70) Pentachlorophenol	16.868	266	785687	124.787	ng	99
71) Phenanthrene	17.262	178	3197152	58.794	ng	100
72) Anthracene	17.351	178	3132045	59.949	ng	99
73) Carbazole	17.615	167	2907993	56.165	ng	99
74) Di-n-butylphthalate	18.186	149	3692483	59.604	ng	100
75) Fluoranthene	19.268	202	3179244	53.585	ng	98
77) Benzidine	19.445	184	1799170	164.277	ng	99
78) Pyrene	19.627	202	3382032	59.624	ng	100
80) Butylbenzylphthalate	20.527	149	1450711	66.438	ng	97
81) Benzo(a)anthracene	21.427	228	2982048	58.833	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	837762	62.134	ng	99
83) Chrysene	21.492	228	2836275	59.160	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	2248723	65.740	ng	99
85) Di-n-octyl phthalate	22.509	149	3560190	73.581	ng	100
87) Indeno(1,2,3-cd)pyrene	27.903	276	3622657	74.437	ng	# 90
88) Benzo(b)fluoranthene	23.521	252	2827033	53.728	ng	98
89) Benzo(k)fluoranthene	23.586	252	2888775	55.396	ng	99
90) Benzo(a)pyrene	24.338	252	2694425	62.479	ng	98
91) Dibenzo(a,h)anthracene	27.974	278	2976950	72.704	ng	99
92) Benzo(g,h,i)perylene	28.973	276	2737343	68.438	ng	99

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

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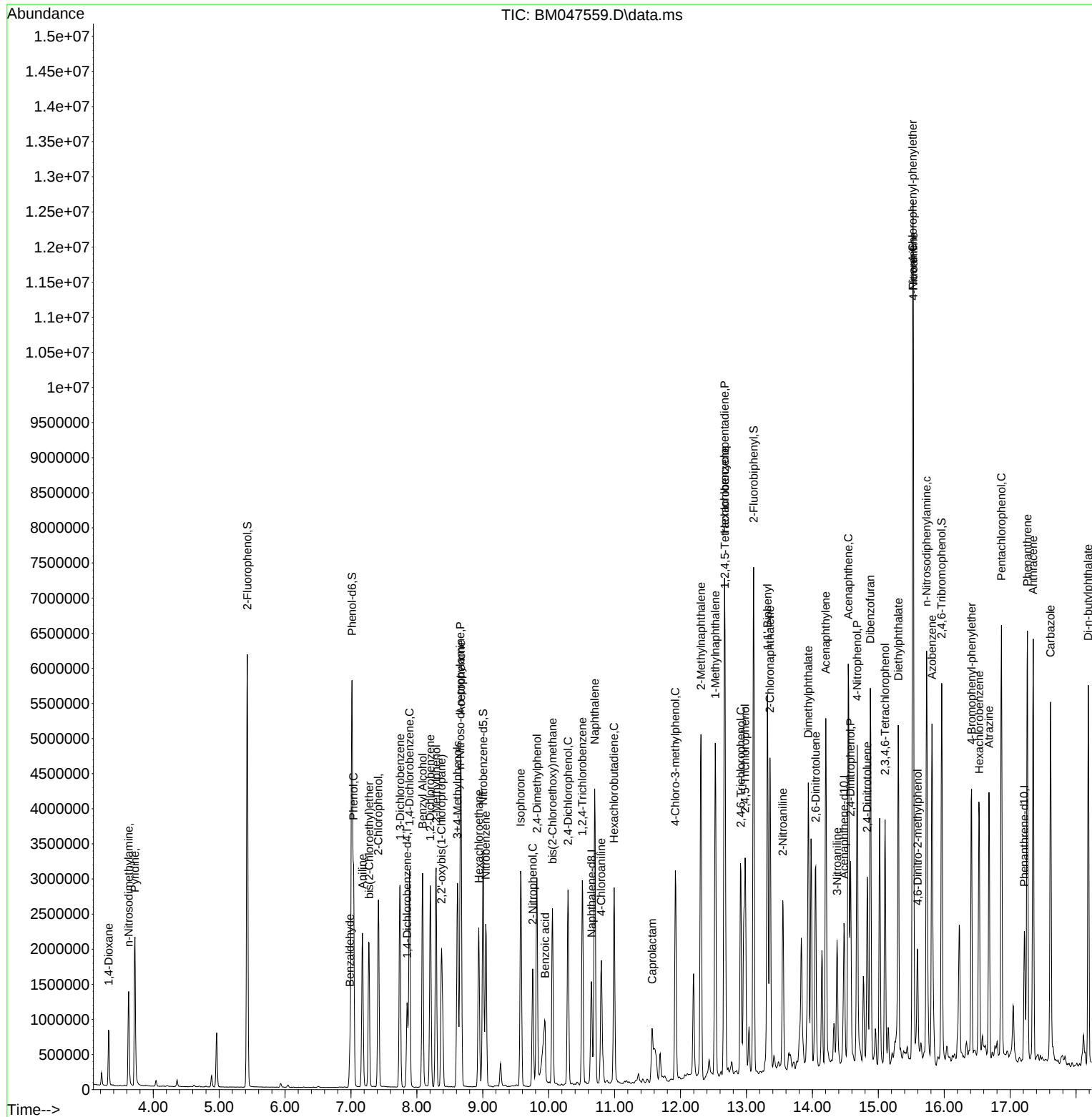
Quant Time: Sep 18 17:43:59 2024

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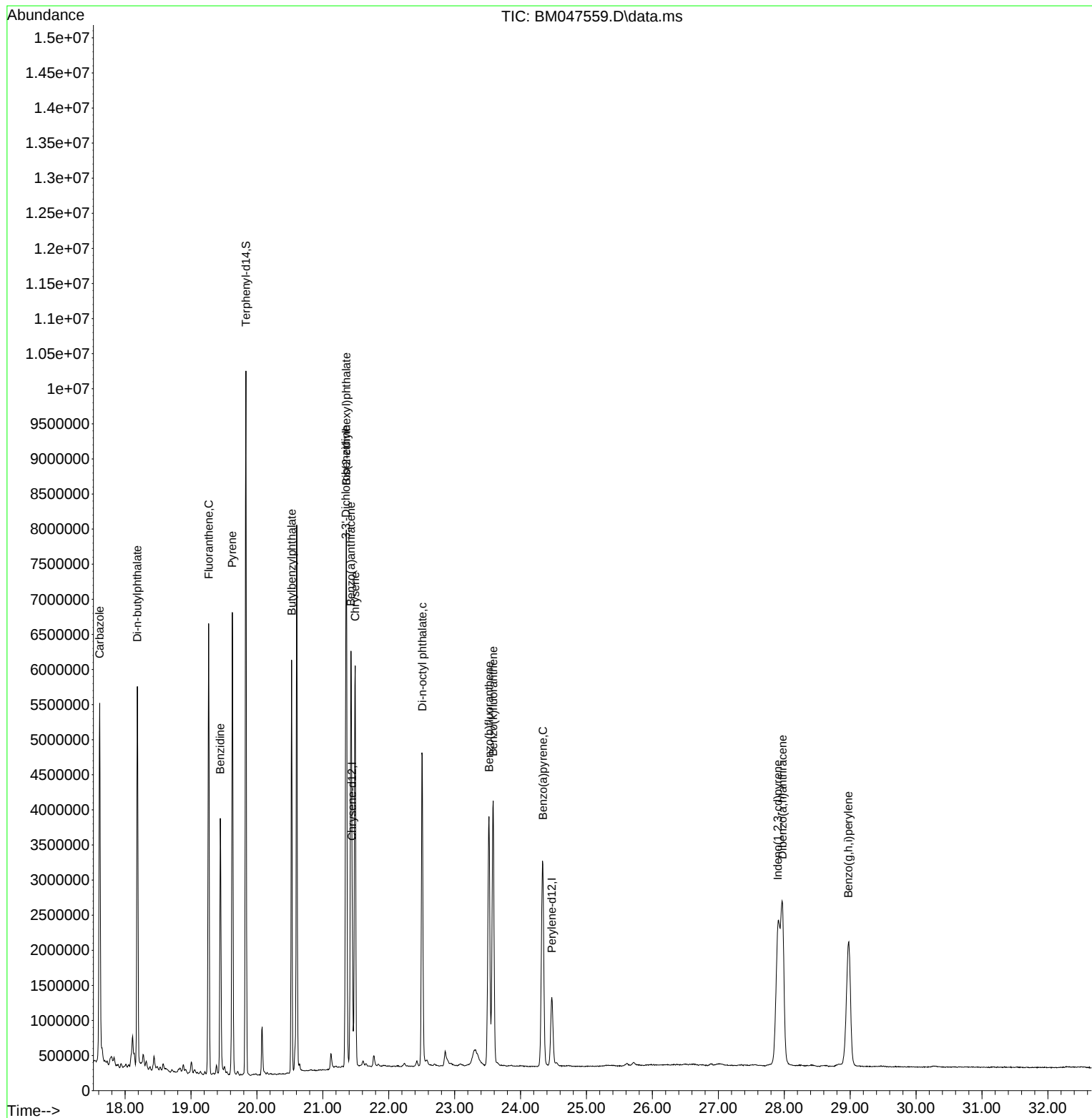
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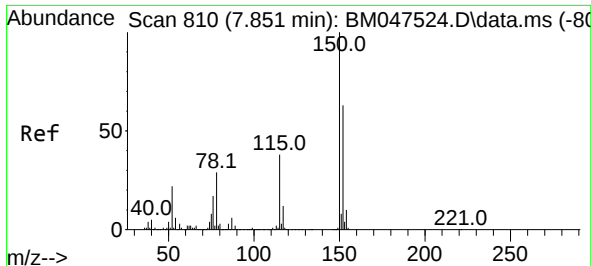
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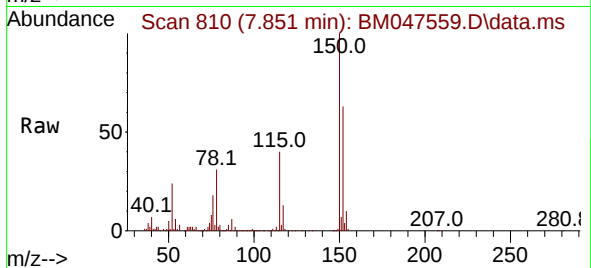
Reviewed By :Yogesh Patel 09/19/2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

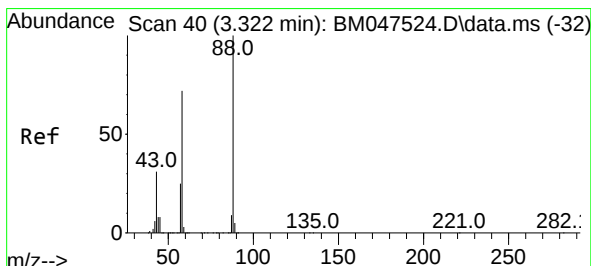
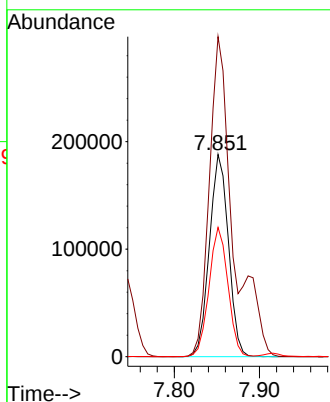
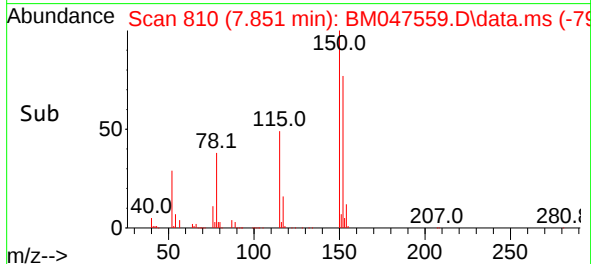
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion: 152 Resp: 291938
Ion Ratio Lower Upper
152 100
150 158.3 126.8 190.2
115 63.9 47.8 71.8

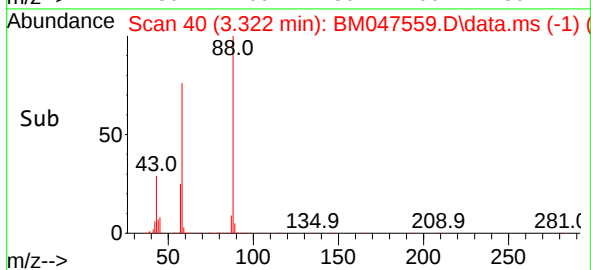
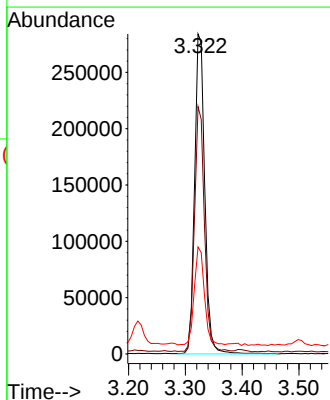
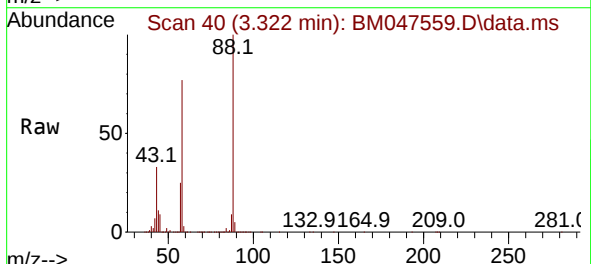
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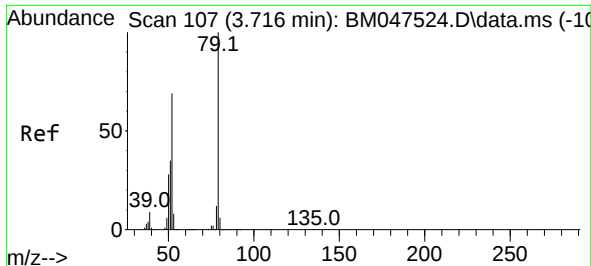
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#2
1,4-Dioxane
Concen: 45.449 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

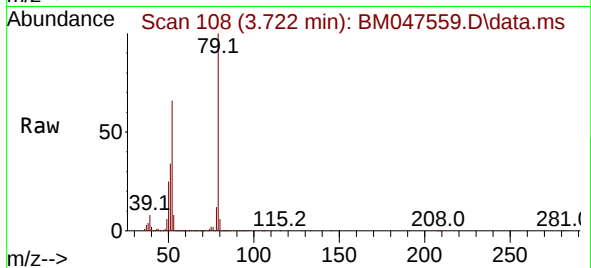
Tgt Ion: 88 Resp: 356922
Ion Ratio Lower Upper
88 100
58 74.3 59.0 88.6
43 30.3 25.0 37.4





#3
Pyridine
Concen: 44.386 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

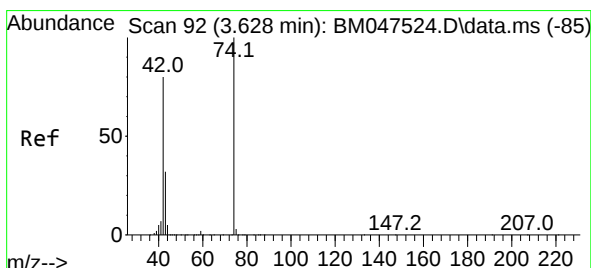
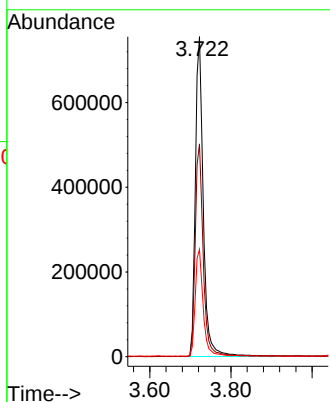
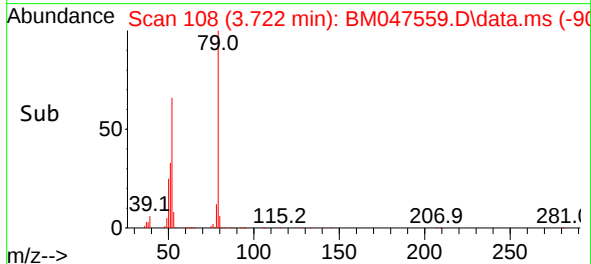
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Tgt Ion: 79 Resp: 1037590
Ion Ratio Lower Upper
79 100
52 66.5 55.4 83.0
51 33.5 27.9 41.9

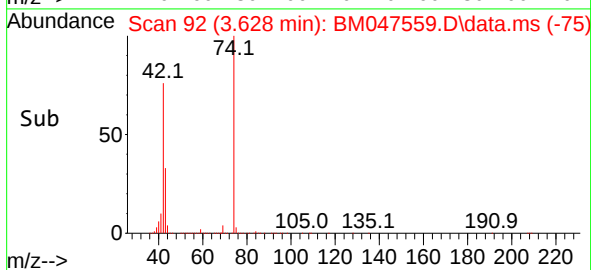
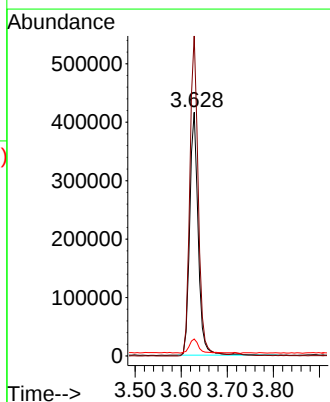
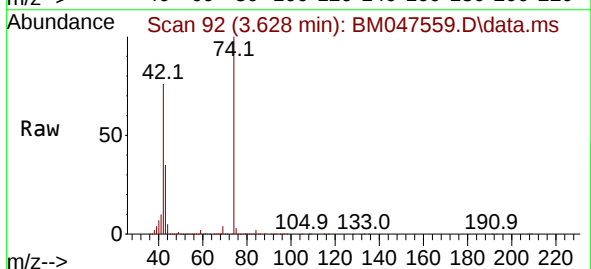
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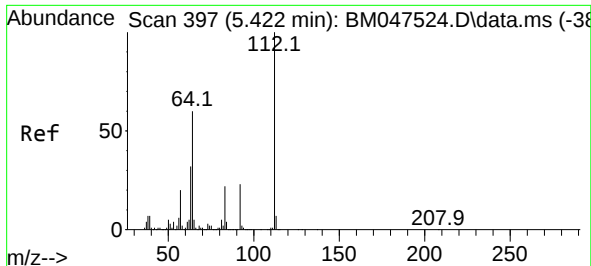
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#4
n-Nitrosodimethylamine
Concen: 50.002 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Tgt Ion: 42 Resp: 530343
Ion Ratio Lower Upper
42 100
74 131.3 100.5 150.7
44 7.0 6.9 10.3





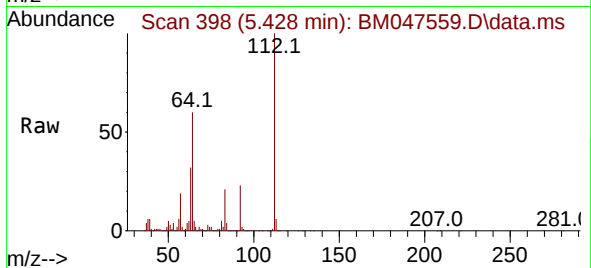
#5
2-Fluorophenol
Concen: 132.213 ng
RT: 5.428 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



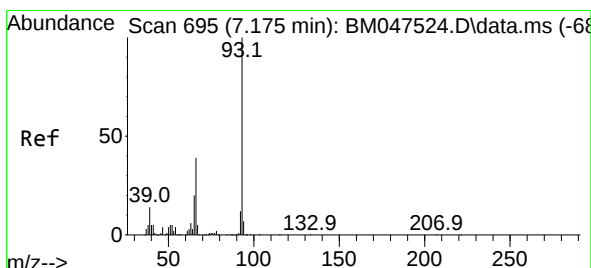
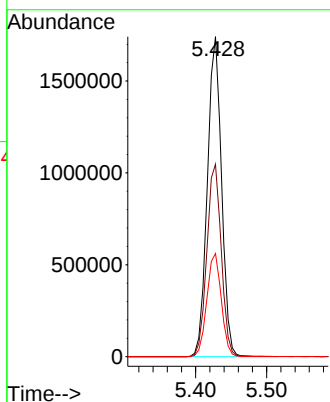
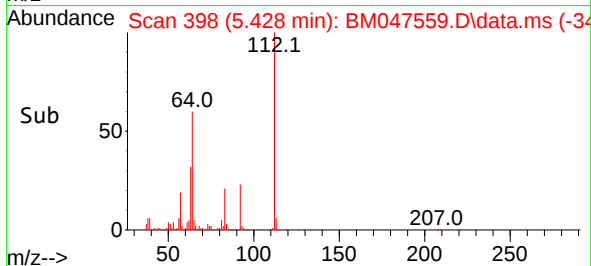
Tgt Ion: 112 Resp: 242417
Ion Ratio Lower Upper
112 100
64 60.2 48.2 72.4
63 32.2 26.0 39.0

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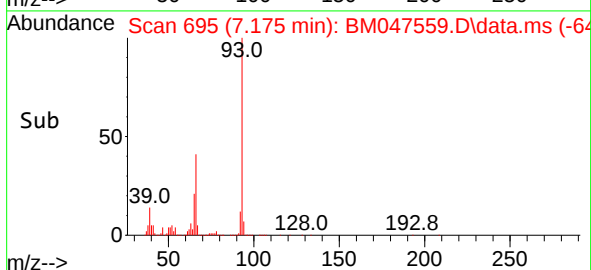
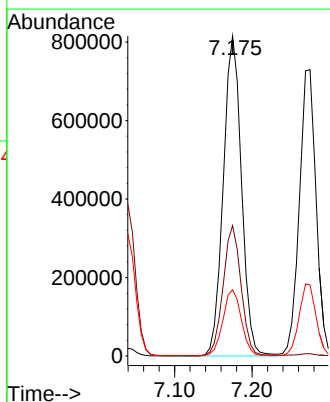
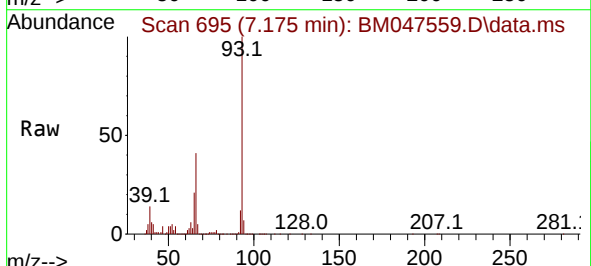
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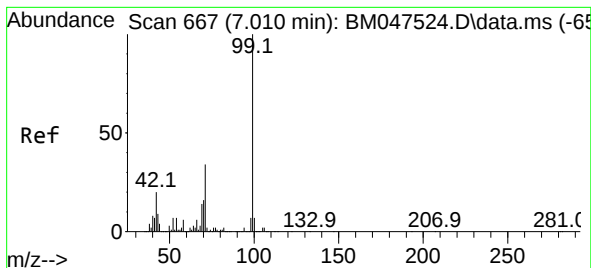
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#6
Aniline
Concen: 58.199 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM047559.D
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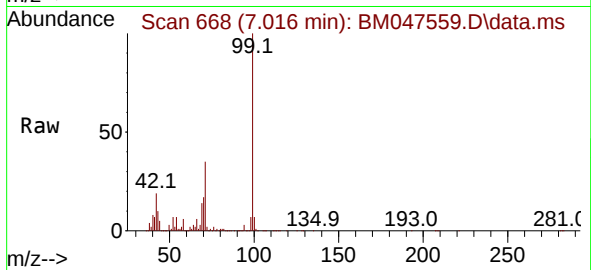
Tgt Ion: 93 Resp: 1332298
Ion Ratio Lower Upper
93 100
66 40.7 31.4 47.0
65 20.7 16.3 24.5





#7
Phenol-d6
Concen: 121.109 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

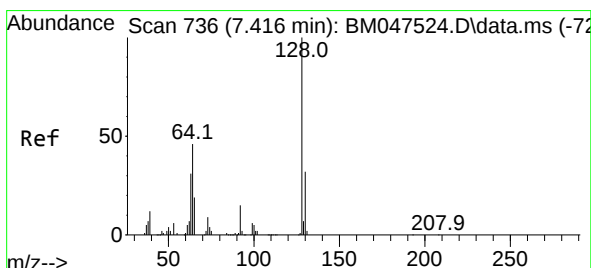
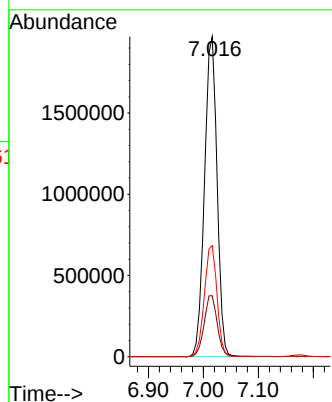
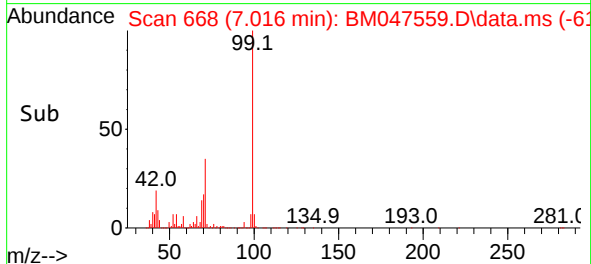
Instrument :
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Tgt Ion: 99 Resp: 312718
Ion Ratio Lower Upper
99 100
42 19.1 15.8 23.8
71 34.7 27.6 41.4

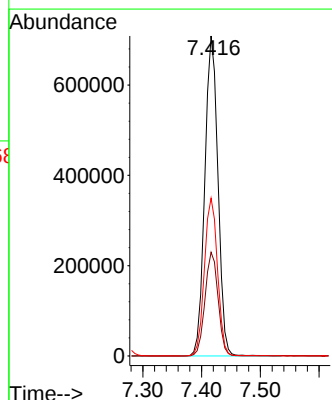
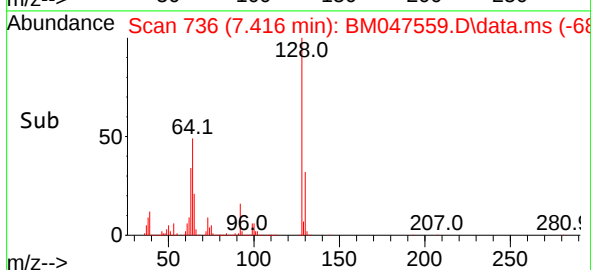
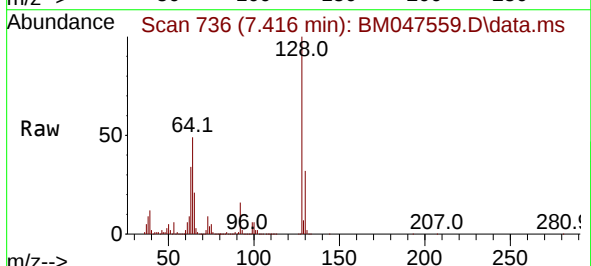
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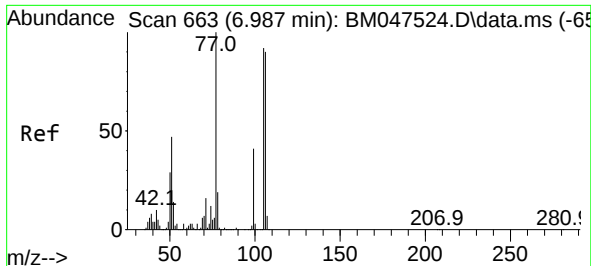
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#8
2-Chlorophenol
Concen: 54.284 ng
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM047559.D
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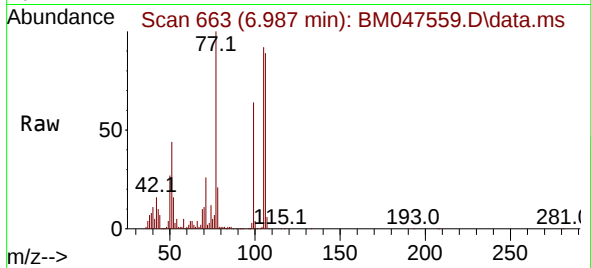
Tgt Ion:128 Resp: 1097224
Ion Ratio Lower Upper
128 100
130 32.4 11.8 51.8
64 49.3 27.6 67.6





#9
Benzaldehyde
Concen: 16.364 ng
RT: 6.987 min Scan# 609
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

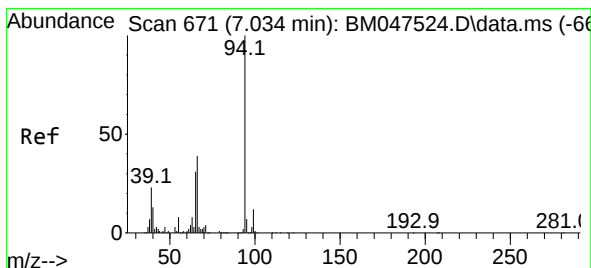
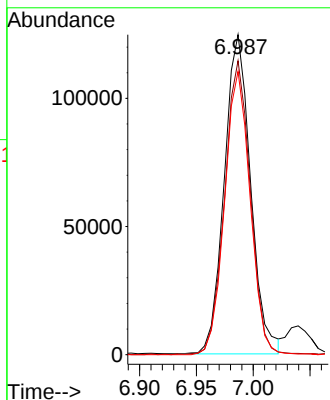
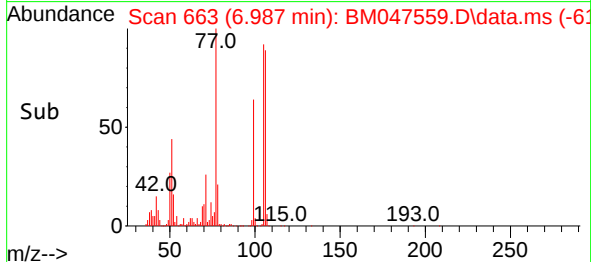
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



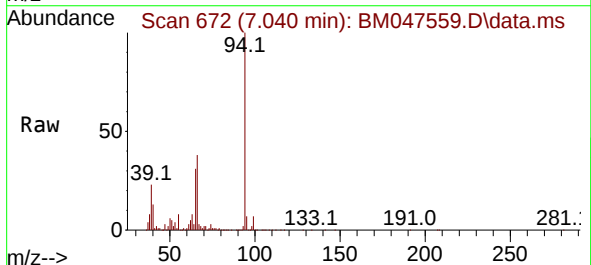
Tgt Ion: 77 Resp: 200917
Ion Ratio Lower Upper
77 100
105 91.8 71.8 111.8
106 88.5 69.7 109.7

Manual Integrations
APPROVED

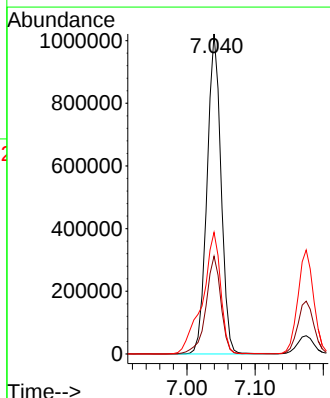
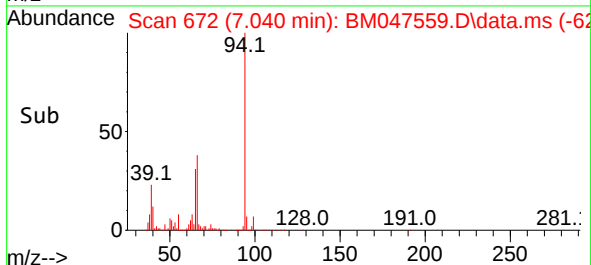
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

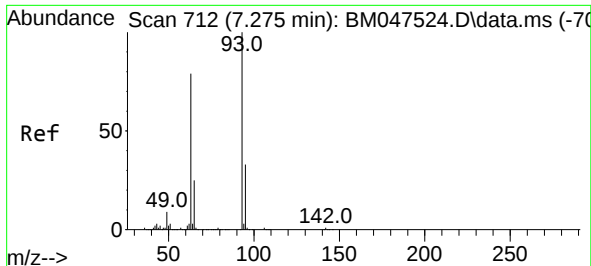


#10
Phenol
Concen: 56.317 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



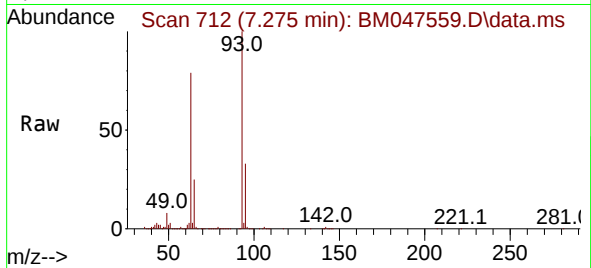
Tgt Ion: 94 Resp: 1456046
Ion Ratio Lower Upper
94 100
65 30.6 10.8 50.8
66 38.0 19.2 59.2





#11
bis(2-Chloroethyl)ether
Concen: 52.850 ng
RT: 7.275 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

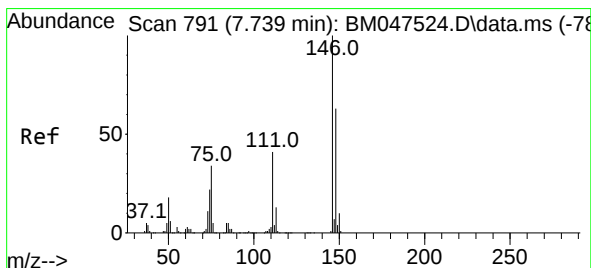
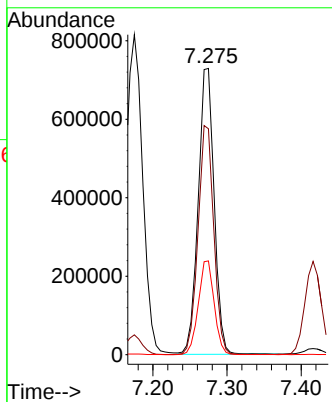
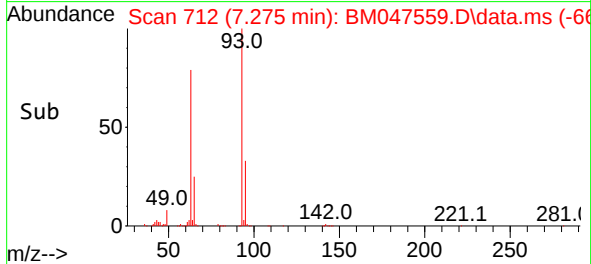
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion: 93 Resp: 1097000
Ion Ratio Lower Upper
93 100
63 78.9 58.2 98.2
95 32.7 12.8 52.8

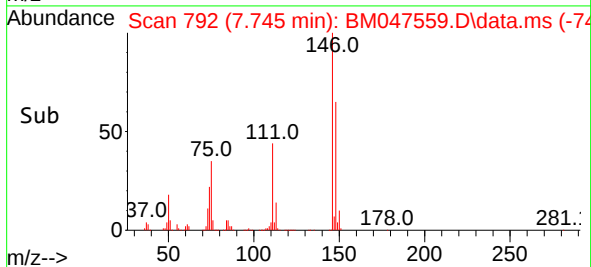
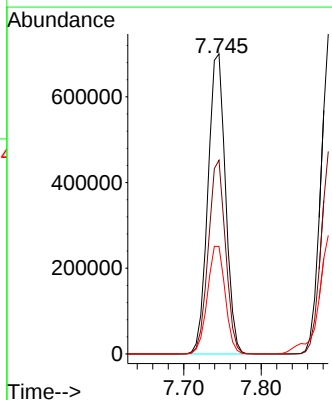
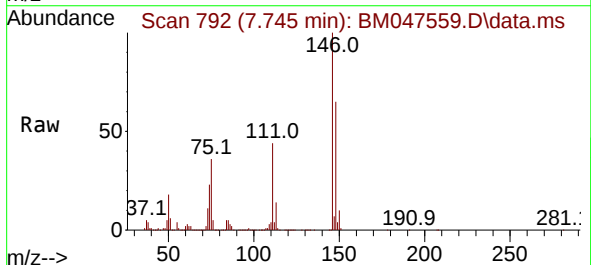
Manual Integrations
APPROVED

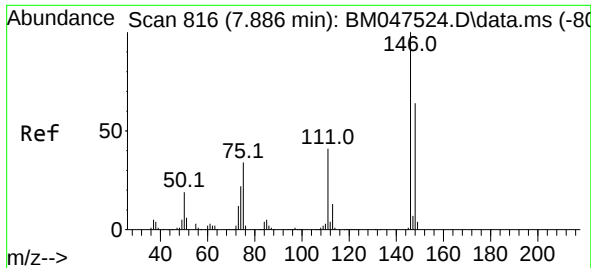
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#12
1,3-Dichlorobenzene
Concen: 49.747 ng
RT: 7.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

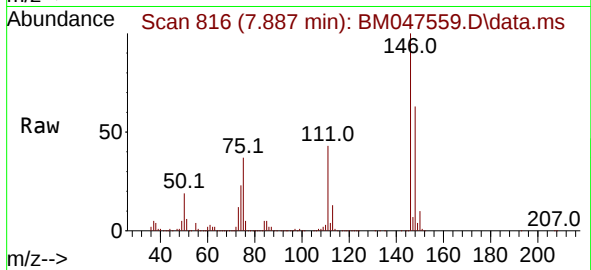
Tgt Ion:146 Resp: 1100599
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.4
75 35.8 27.4 41.0





#13
1,4-Dichlorobenzene
Concen: 49.847 ng
RT: 7.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

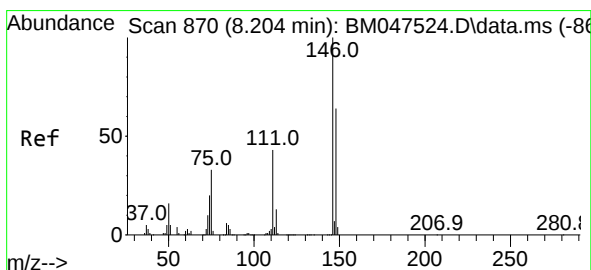
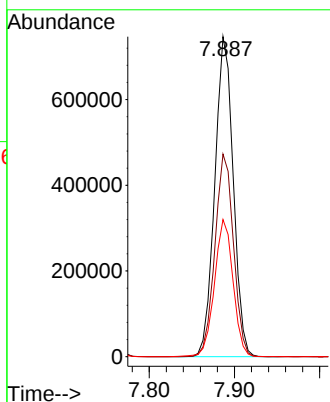
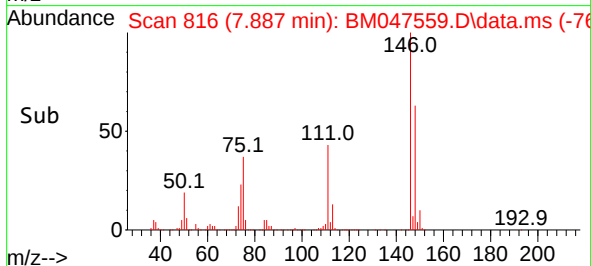
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



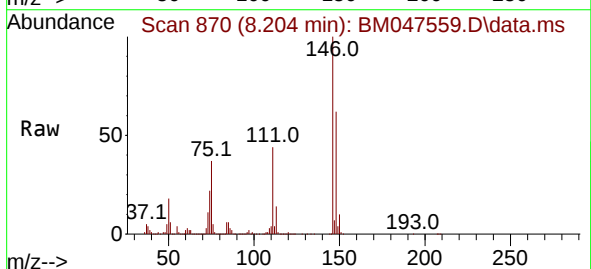
Tgt Ion:146 Resp: 112325
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 42.8 32.9 49.3

Manual Integrations
APPROVED

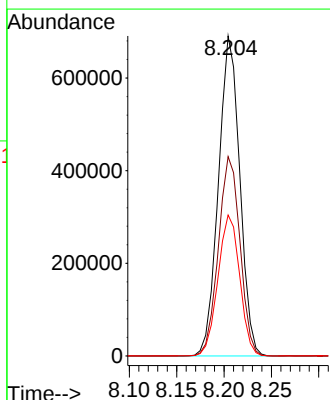
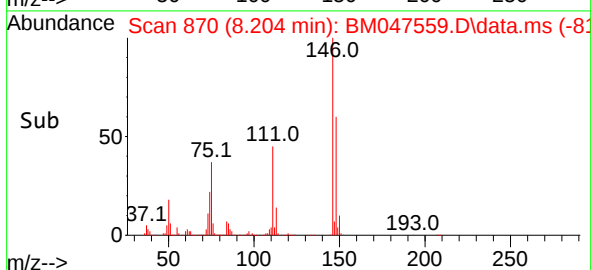
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

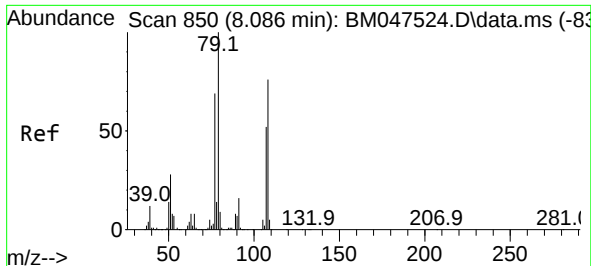


#14
1,2-Dichlorobenzene
Concen: 48.893 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



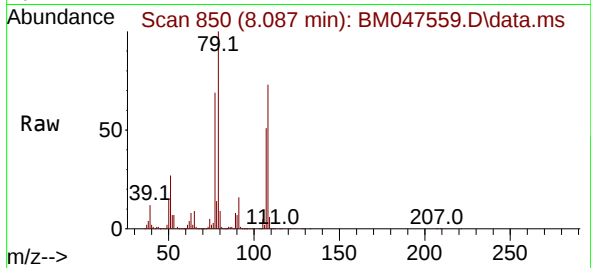
Tgt Ion:146 Resp: 1084276
Ion Ratio Lower Upper
146 100
148 62.3 51.1 76.7
111 44.1 34.7 52.1





#15
Benzyl Alcohol
Concen: 55.707 ng
RT: 8.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

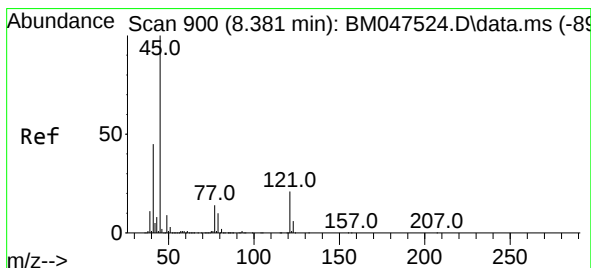
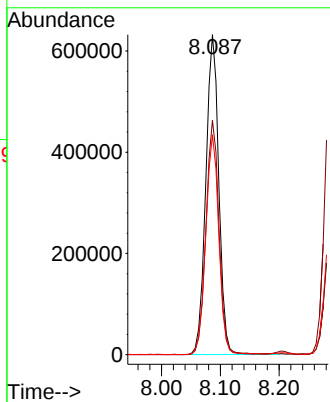
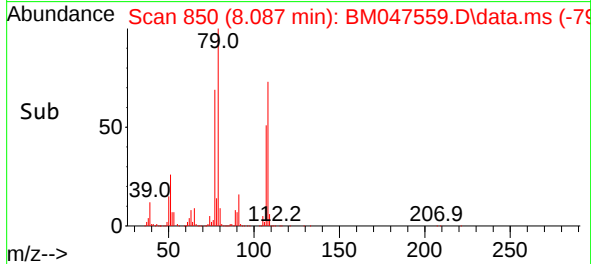
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



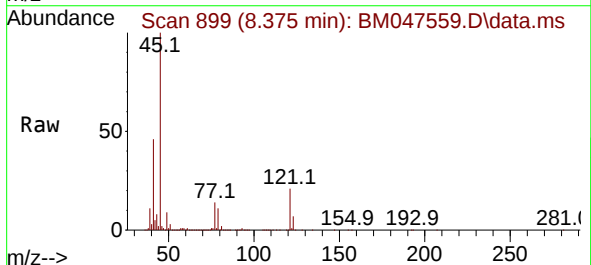
Tgt Ion: 79 Resp: 974348
Ion Ratio Lower Upper
79 100
108 73.2 60.6 91.0
77 68.8 55.0 82.4

Manual Integrations
APPROVED

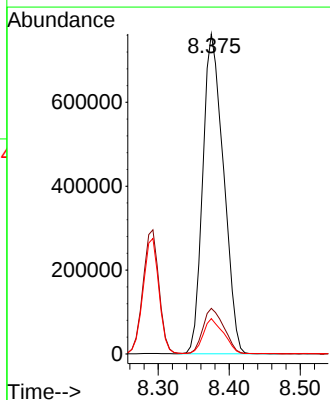
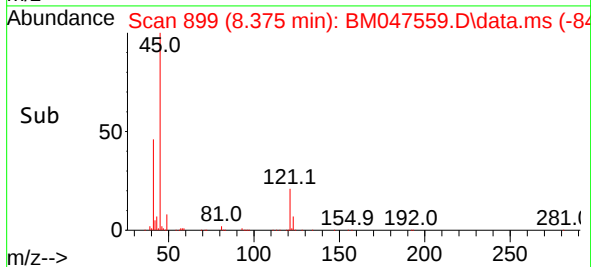
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

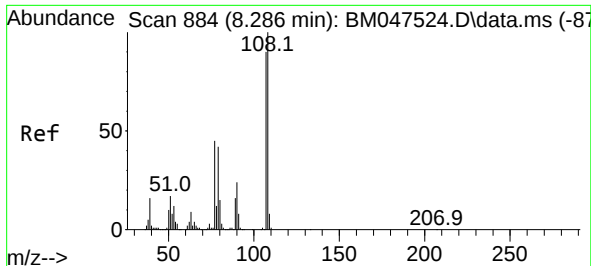


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.055 ng
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



Tgt Ion: 45 Resp: 1549119
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.7
79 11.1 0.0 30.3





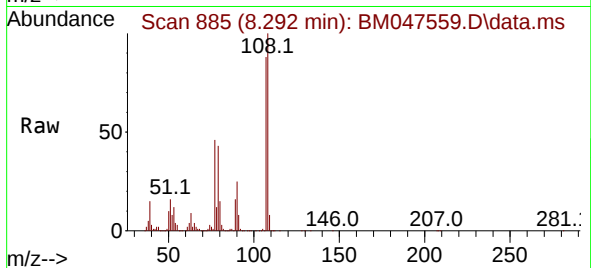
#17
2-Methylphenol
Concen: 53.859 ng
RT: 8.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



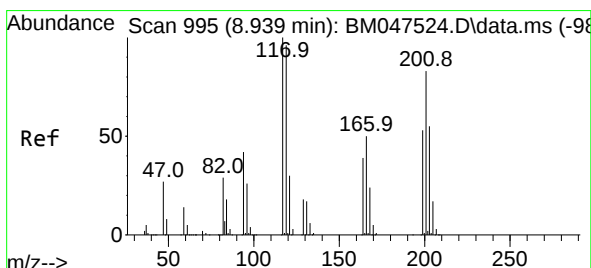
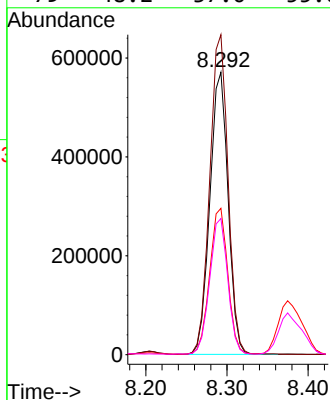
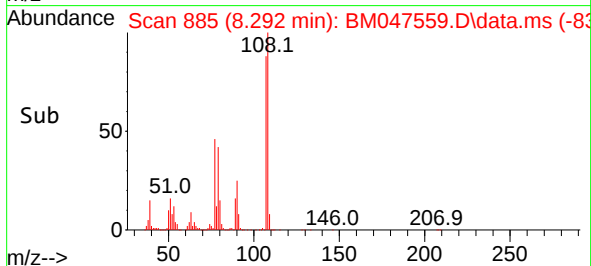
Tgt Ion:107 Resp: 88958
Ion Ratio Lower Upper
107 100
108 113.3 88.9 133.3
77 51.8 39.8 59.8
79 48.2 37.0 55.6

Manual Integrations

APPROVED

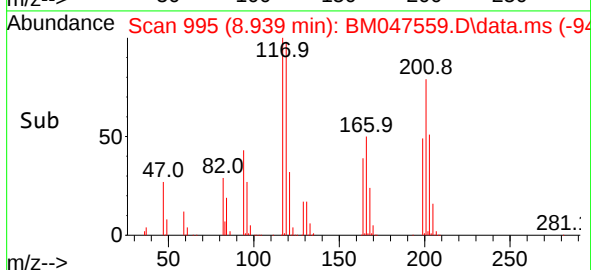
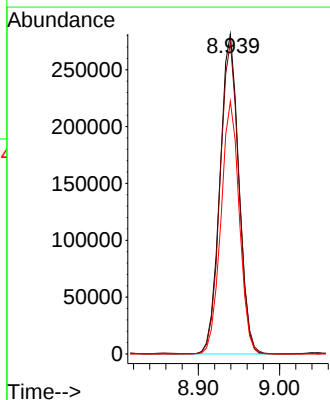
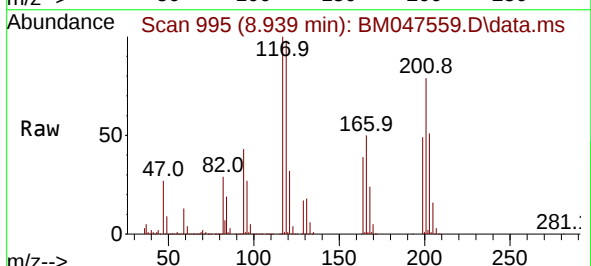
Reviewed By :Yogesh Patel 09/19/2024

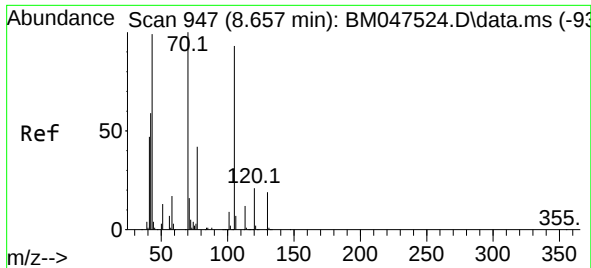
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 50.545 ng
RT: 8.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

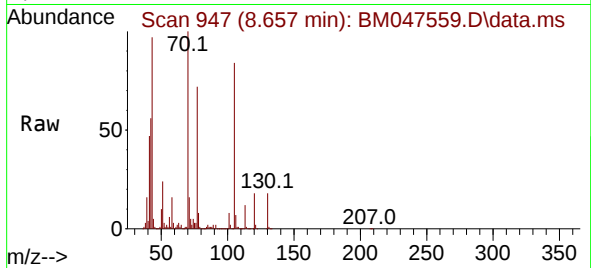
Tgt Ion:117 Resp: 454998
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.4
201 78.9 66.8 100.2





#19
n-Nitroso-di-n-propylamine
Concen: 50.202 ng
RT: 8.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

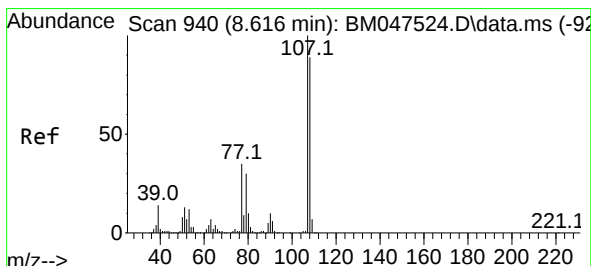
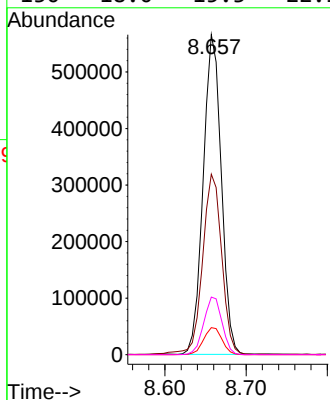
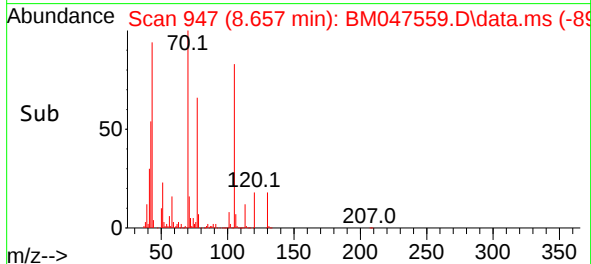
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion: 70 Resp: 873985
Ion Ratio Lower Upper
70 100
42 56.4 48.2 72.2
101 8.4 7.0 10.4
130 18.0 15.3 22.9

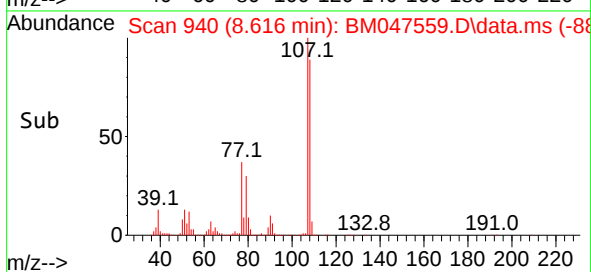
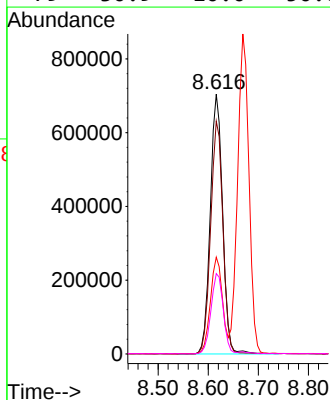
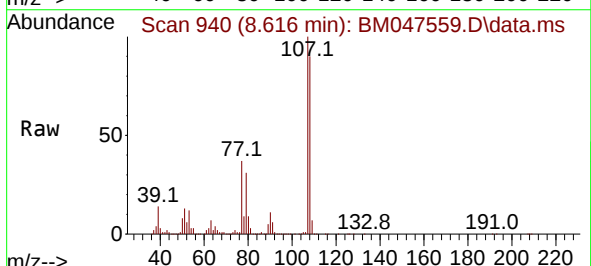
Manual Integrations
APPROVED

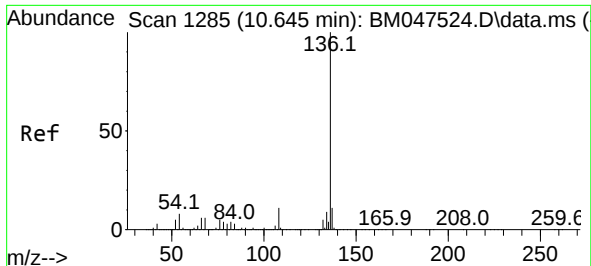
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#20
3+4-Methylphenols
Concen: 52.171 ng
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

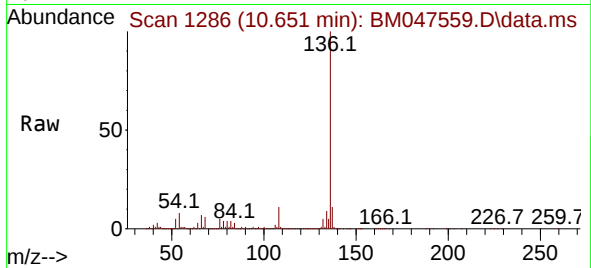
Tgt Ion:107 Resp: 1202357
Ion Ratio Lower Upper
107 100
108 89.6 68.9 108.9
77 37.3 15.5 55.5
79 30.9 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

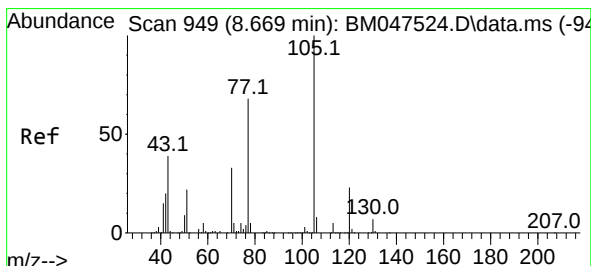
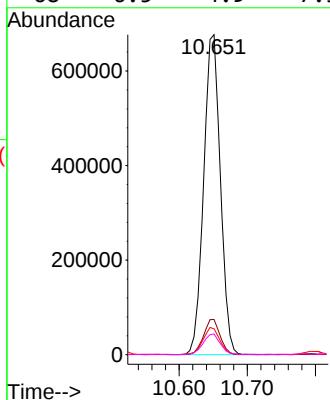
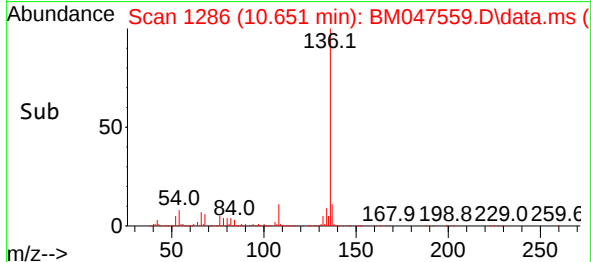
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:136 Resp: 115444
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.1 6.6 9.8
68 6.5 4.9 7.3

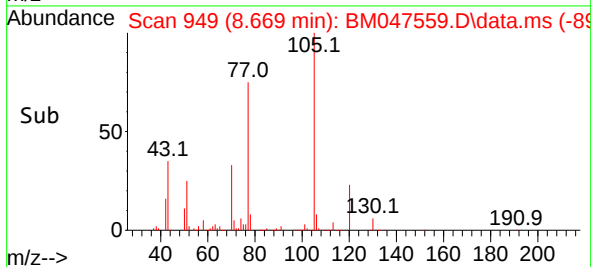
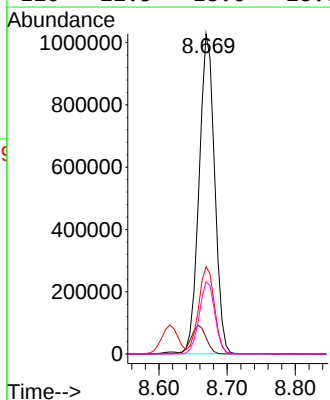
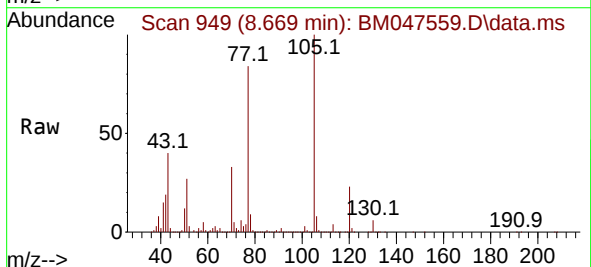
Manual Integrations
APPROVED

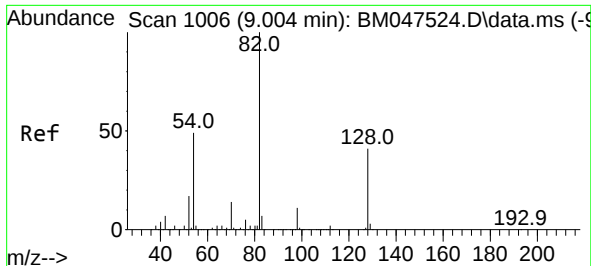
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 53.544 ng
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Tgt Ion:105 Resp: 1625098
Ion Ratio Lower Upper
105 100
71 5.2 4.3 6.5
51 27.3 21.5 32.3
120 22.5 18.6 28.0





#23
Nitrobenzene-d5
Concen: 81.892 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

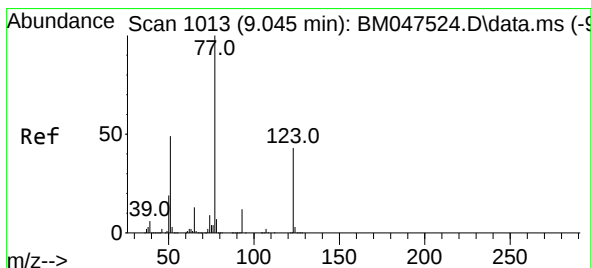
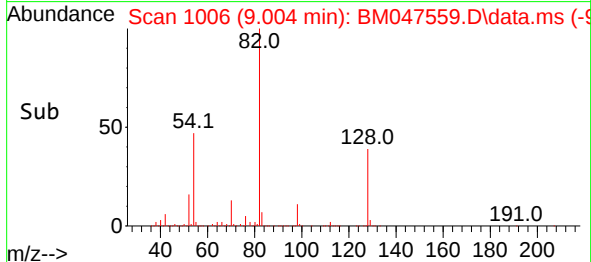
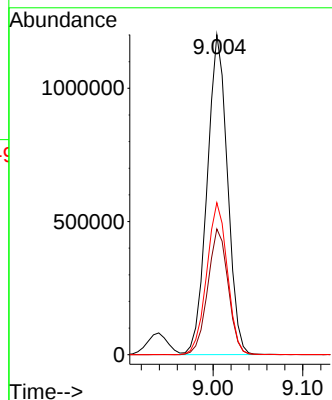
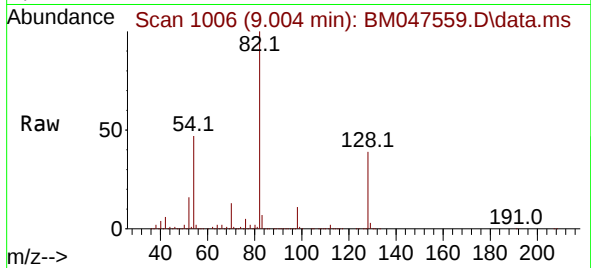
COMP-2MS

Tgt Ion: 82 Resp: 1889060
Ion Ratio Lower Upper
82 100
128 39.3 33.0 49.4
54 47.5 39.3 58.9

Manual Integrations

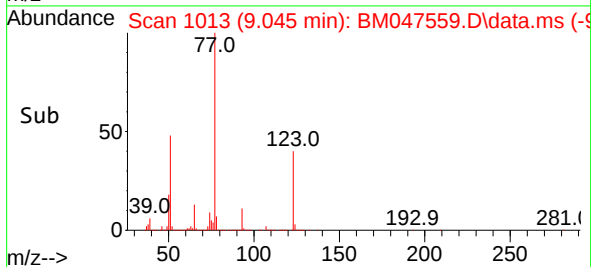
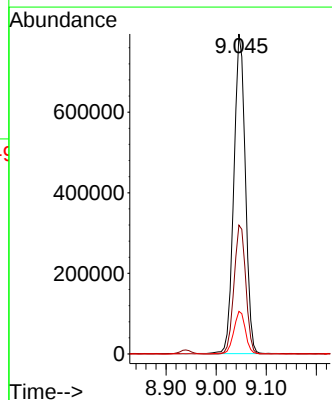
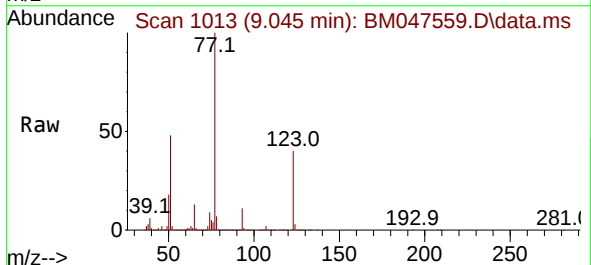
APPROVED

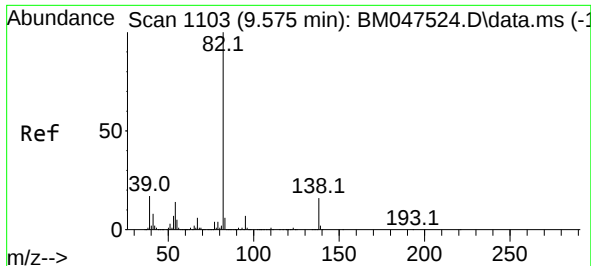
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#24
Nitrobenzene
Concen: 53.418 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

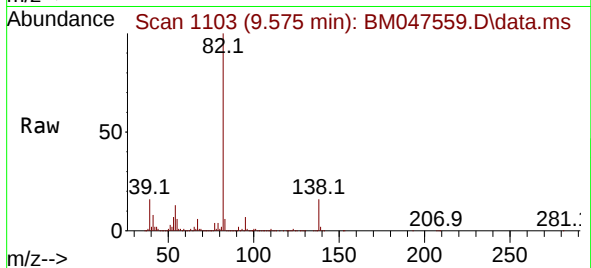
Tgt Ion: 77 Resp: 1266203
Ion Ratio Lower Upper
77 100
123 40.3 34.5 51.7
65 13.3 10.7 16.1





#25
Isophorone
Concen: 53.887 ng
RT: 9.575 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

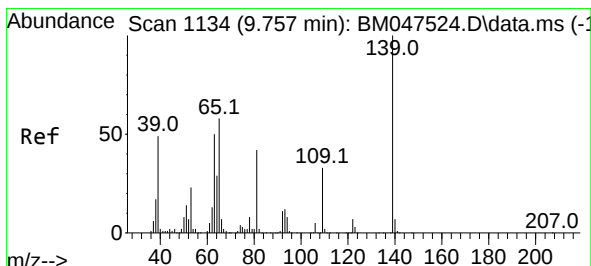
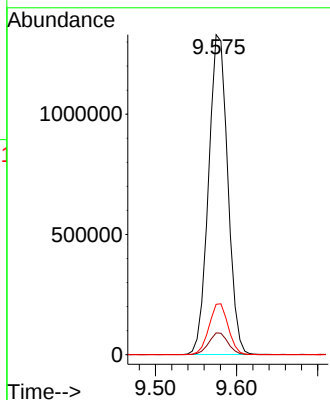
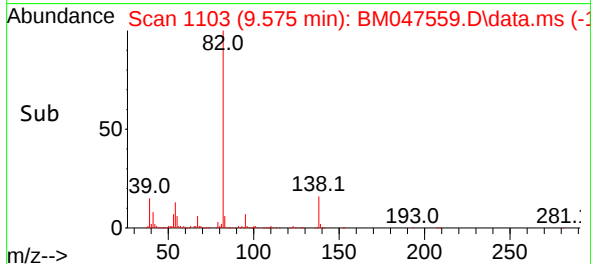
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion: 82 Resp: 2185340
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 15.8 12.9 19.3

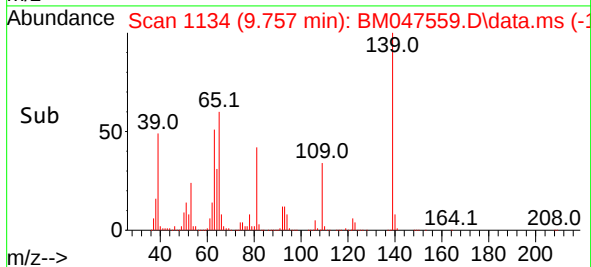
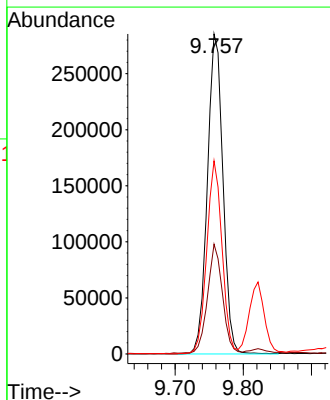
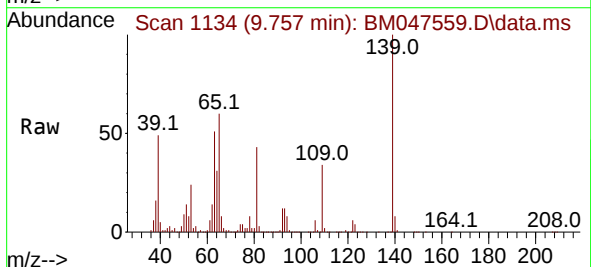
Manual Integrations
APPROVED

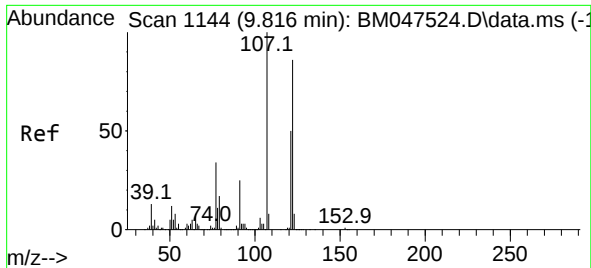
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#26
2-Nitrophenol
Concen: 56.125 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Tgt Ion:139 Resp: 453337
Ion Ratio Lower Upper
139 100
109 34.3 26.0 39.0
65 60.4 46.2 69.4





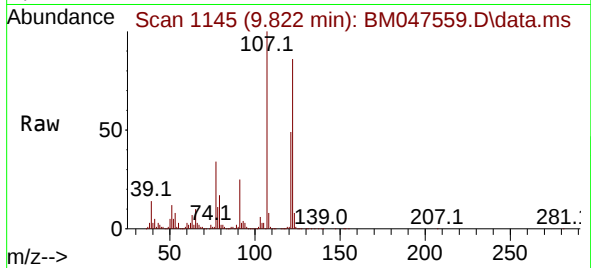
#27
2,4-Dimethylphenol
Concen: 68.877 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



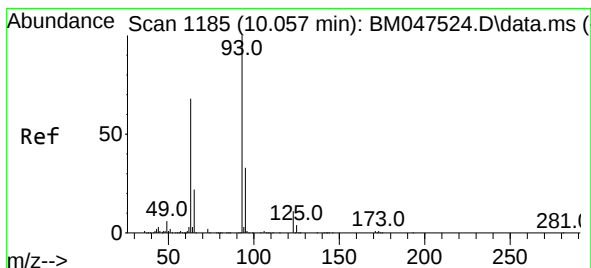
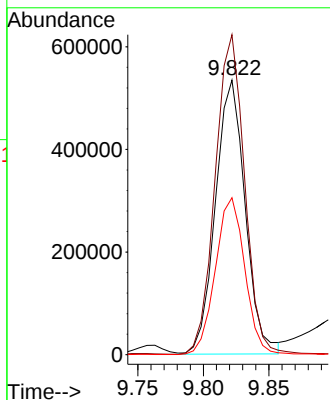
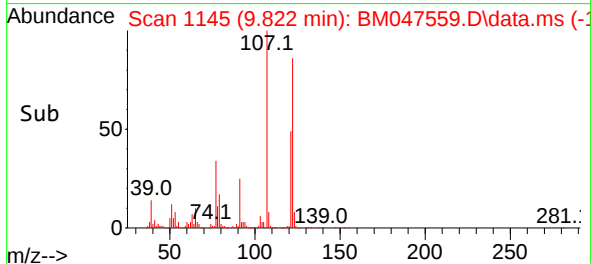
Tgt Ion:122 Resp: 84335
Ion Ratio Lower Upper
122 100
107 116.6 92.4 138.6
121 57.2 46.2 69.4

Manual Integrations

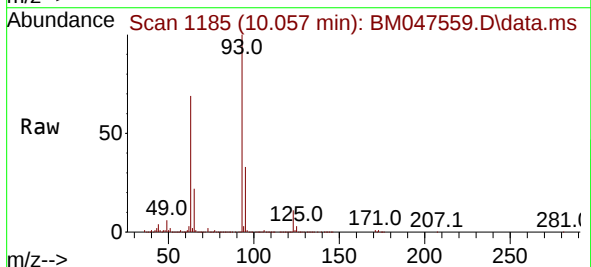
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

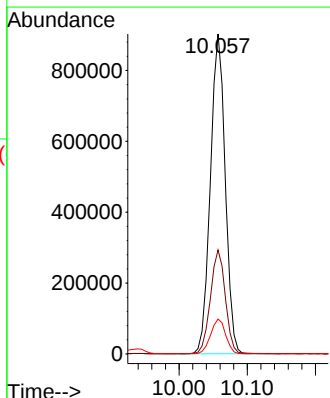
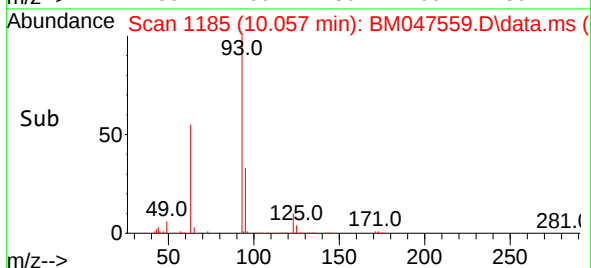
Supervised By :mohammad ahmed 09/20/2024

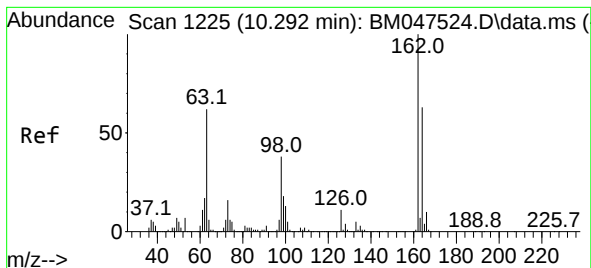


#28
bis(2-Chloroethoxy)methane
Concen: 53.741 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



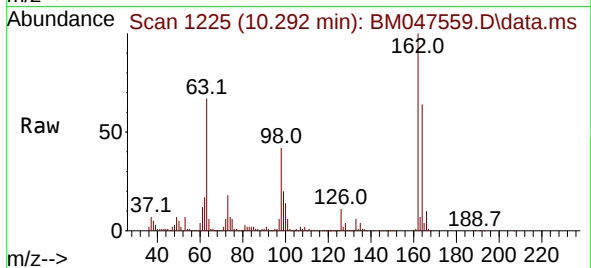
Tgt Ion: 93 Resp: 1368976
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 10.9 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 54.396 ng
RT: 10.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

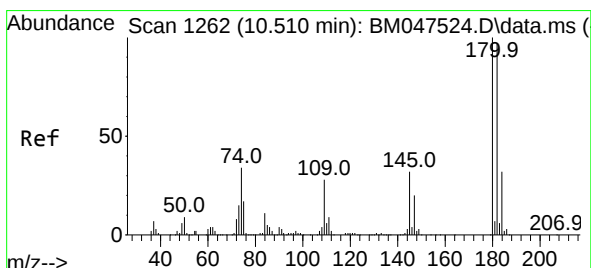
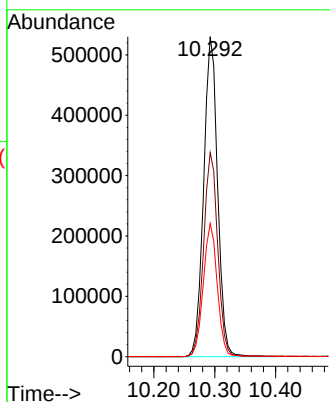
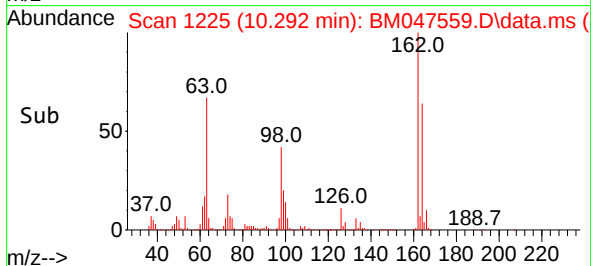
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



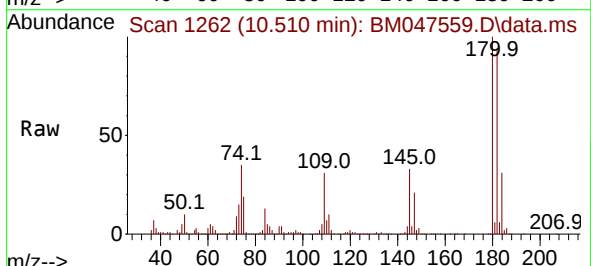
Tgt Ion:162 Resp: 846192
Ion Ratio Lower Upper
162 100
164 63.8 43.5 83.5
98 41.6 17.6 57.6

Manual Integrations
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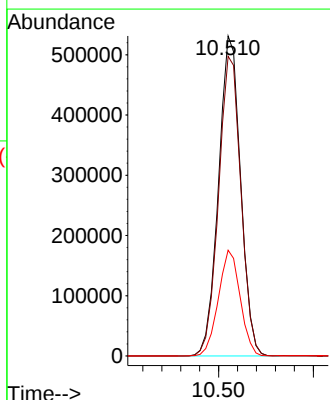
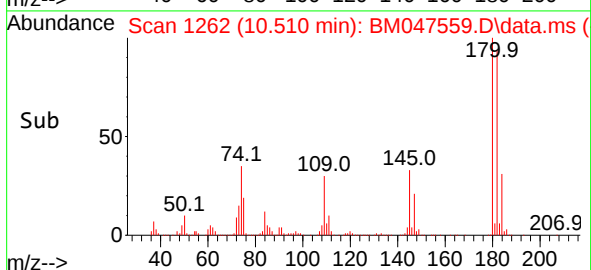
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

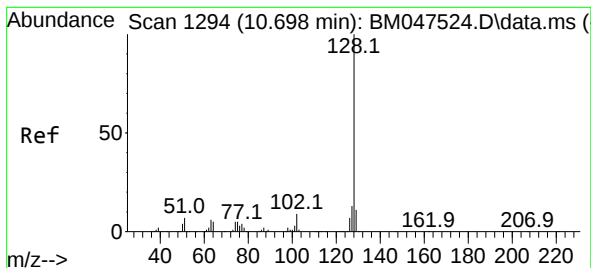


#30
1,2,4-Trichlorobenzene
Concen: 48.244 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



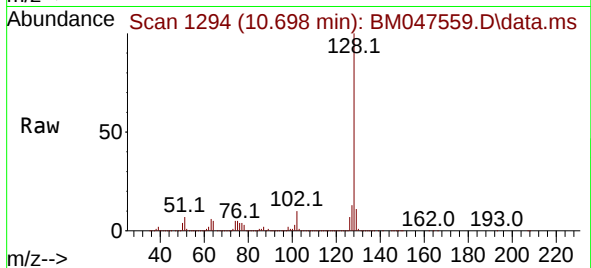
Tgt Ion:180 Resp: 859675
Ion Ratio Lower Upper
180 100
182 93.7 77.6 116.4
145 33.0 25.4 38.0





#31
Naphthalene
Concen: 51.170 ng
RT: 10.698 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

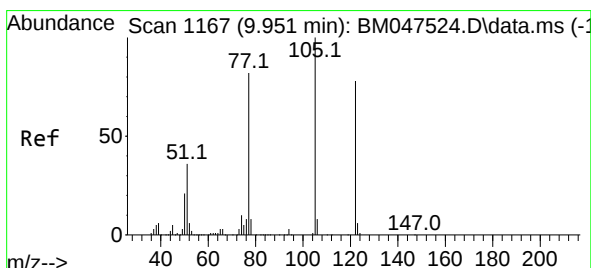
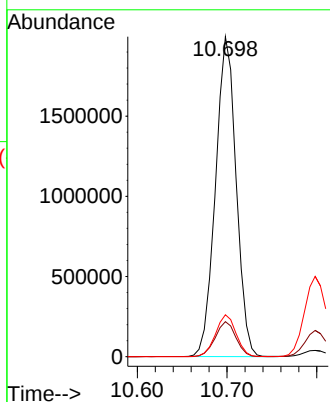
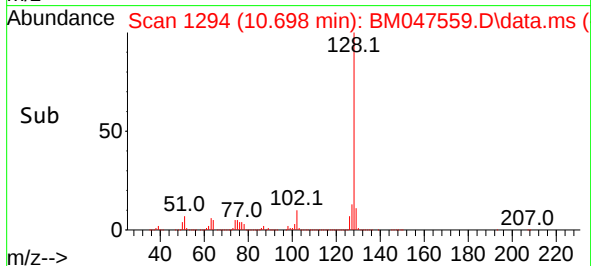
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:128 Resp: 319037
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.5 15.7

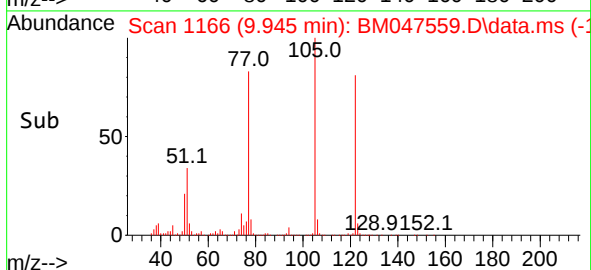
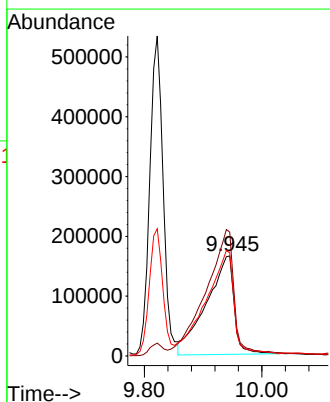
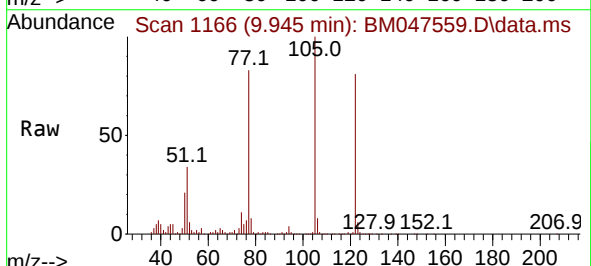
Manual Integrations
APPROVED

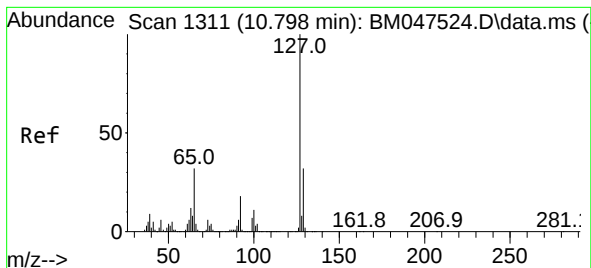
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#32
Benzoic acid
Concen: 45.026 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

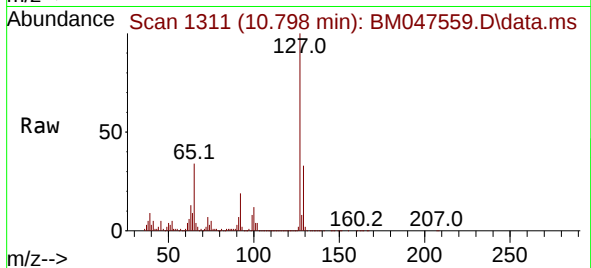
Tgt Ion:122 Resp: 537648
Ion Ratio Lower Upper
122 100
105 123.7 104.7 144.7
77 103.1 83.4 123.4





#33
4-Chloroaniline
Concen: 38.118 ng
RT: 10.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

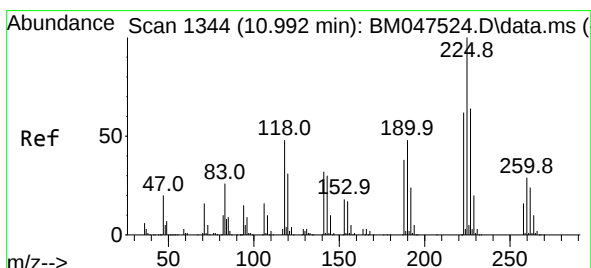
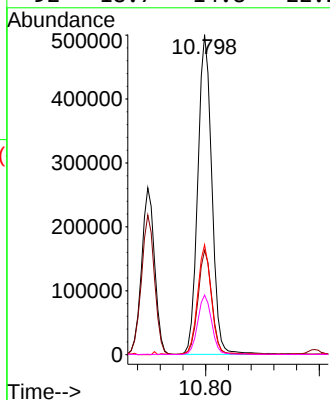
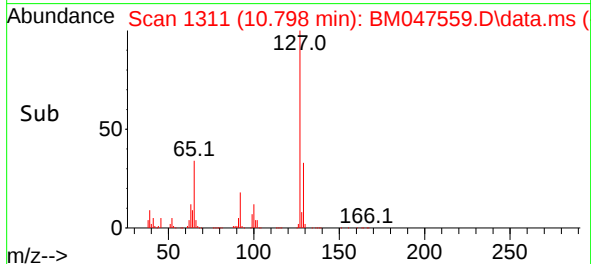
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



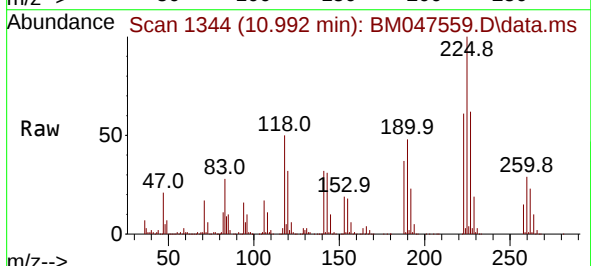
Tgt Ion:127 Resp: 85929
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.0
65 34.4 25.5 38.3
92 18.7 14.8 22.2

Manual Integrations
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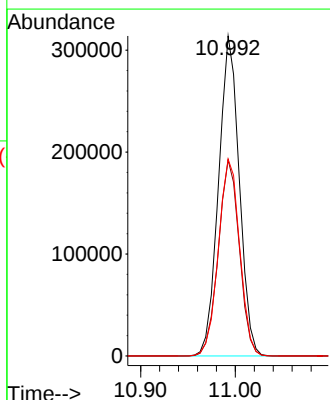
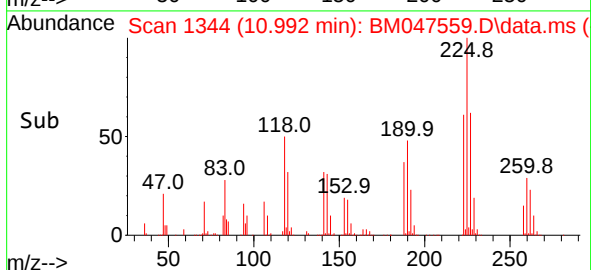
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

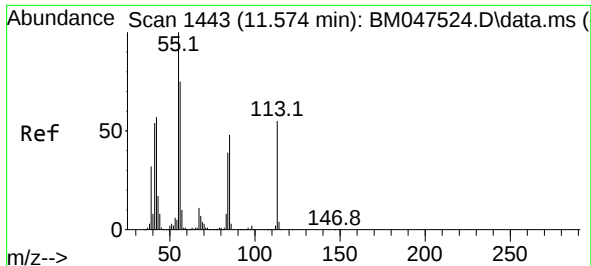


#34
Hexachlorobutadiene
Concen: 48.324 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



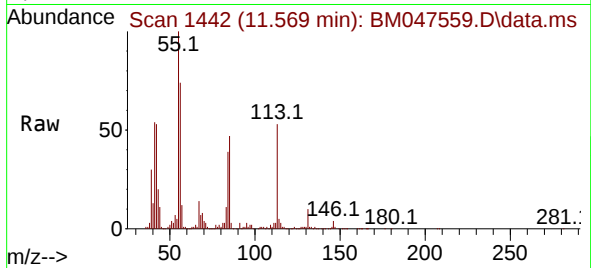
Tgt Ion:225 Resp: 476948
Ion Ratio Lower Upper
225 100
223 61.3 49.8 74.6
227 61.5 51.0 76.4





#35
Caprolactam
Concen: 50.750 ng m
RT: 11.569 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

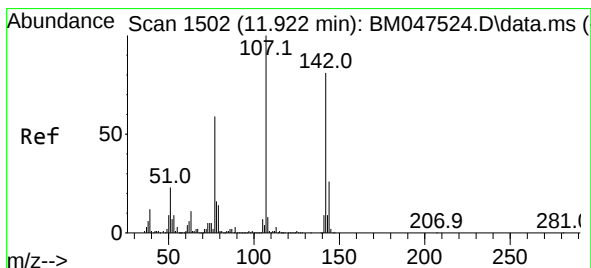
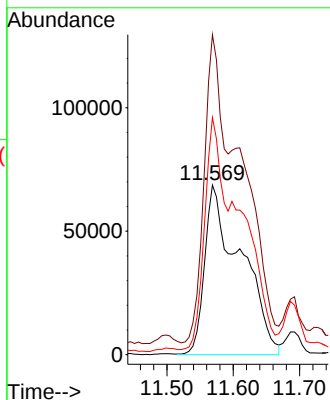
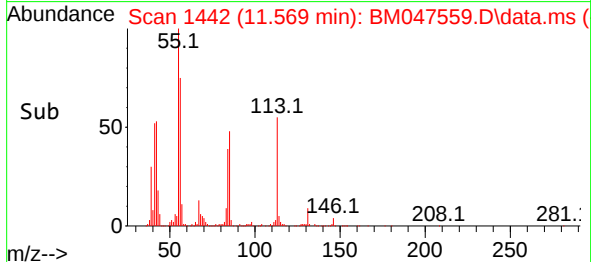
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



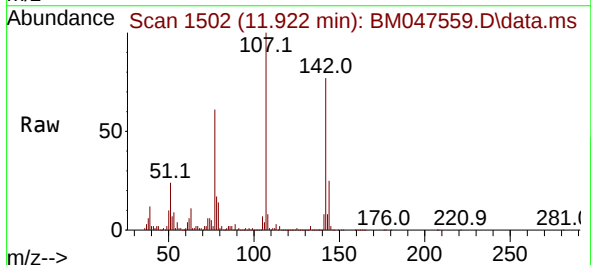
Tgt Ion:113 Resp: 26003
Ion Ratio Lower Upper
113 100
55 188.7 162.5 202.5
56 139.8 116.5 156.5

Manual Integrations
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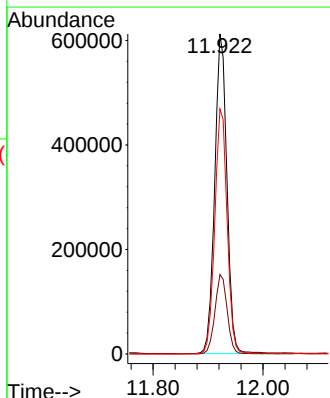
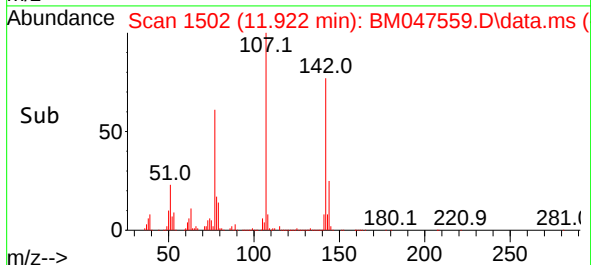
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

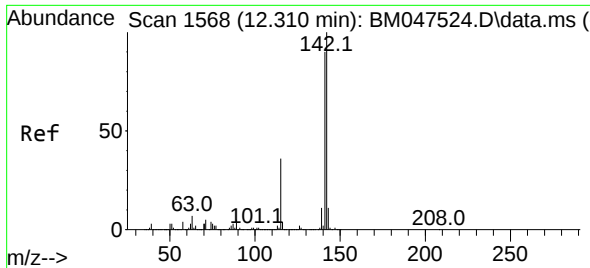


#36
4-Chloro-3-methylphenol
Concen: 52.993 ng
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



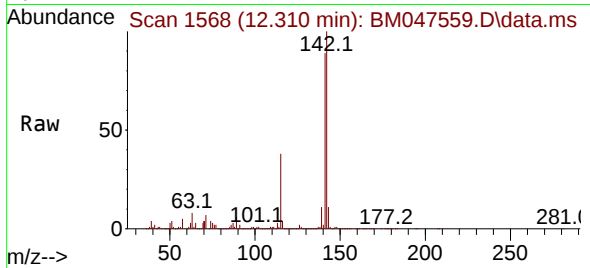
Tgt Ion:107 Resp: 944731
Ion Ratio Lower Upper
107 100
144 24.8 20.5 30.7
142 76.6 65.0 97.4





#37
2-Methylnaphthalene
Concen: 50.568 ng
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

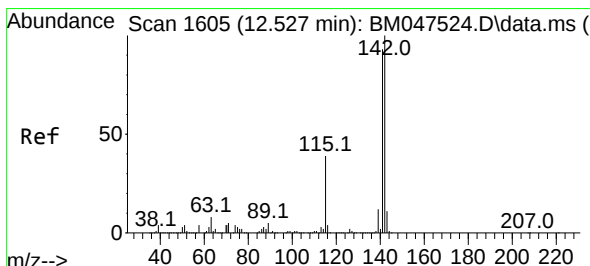
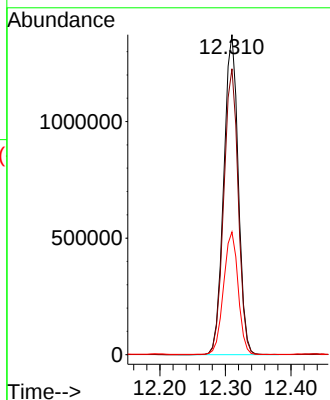
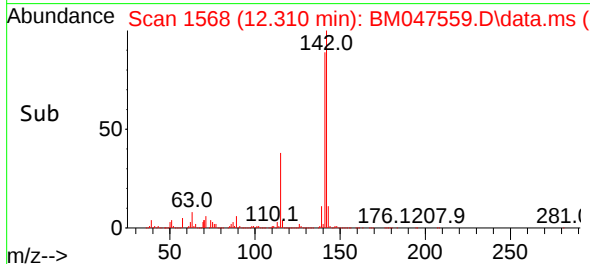
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:142 Resp: 209843
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.4
115 38.3 29.1 43.7

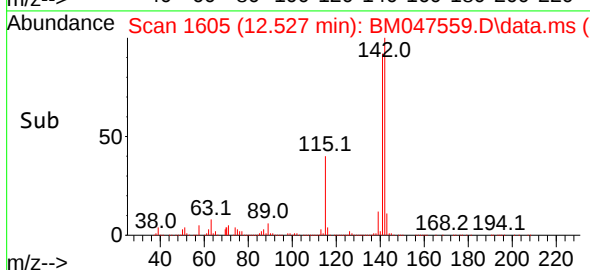
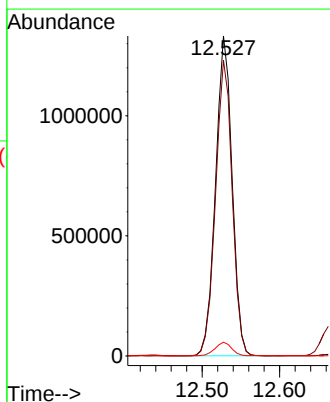
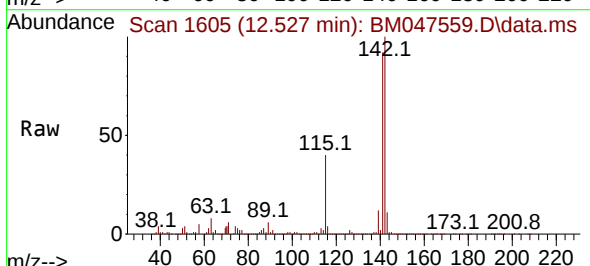
Manual Integrations
APPROVED

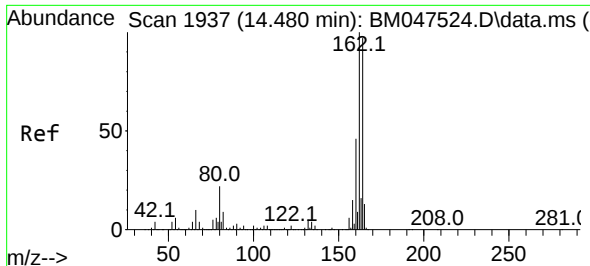
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#38
1-Methylnaphthalene
Concen: 47.972 ng
RT: 12.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

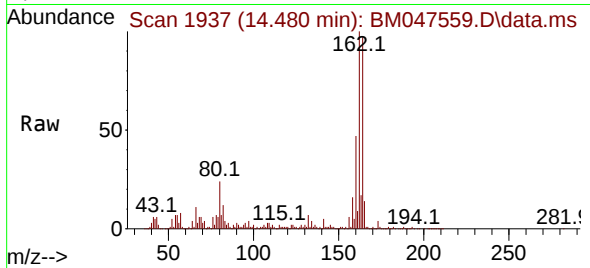
Tgt Ion:142 Resp: 1978310
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

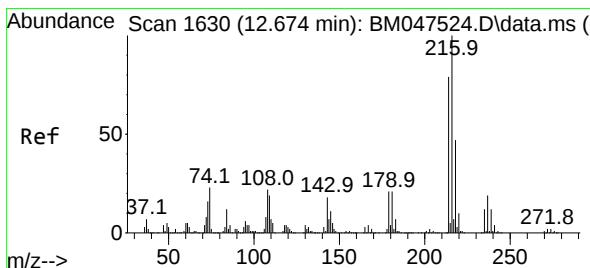
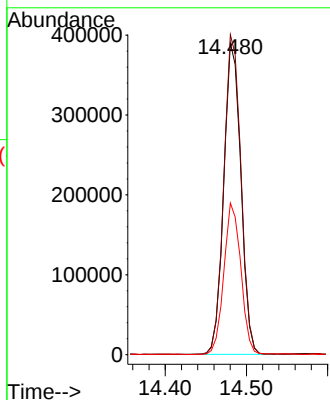
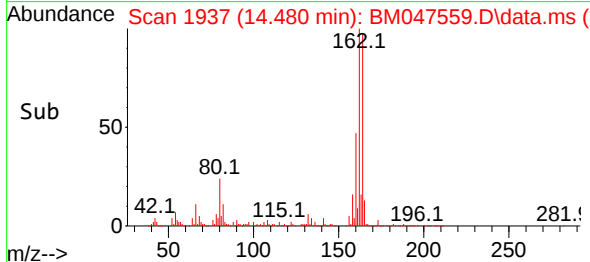
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



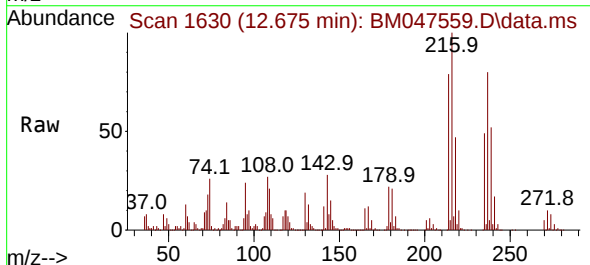
Tgt Ion:164 Resp: 571144
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.2
160 48.7 38.2 57.2

Manual Integrations
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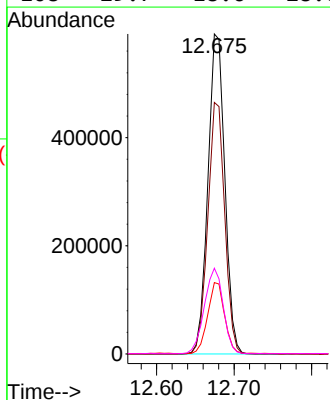
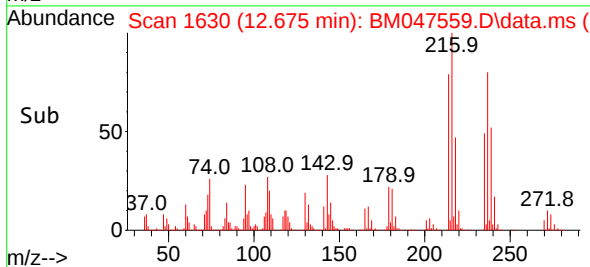
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

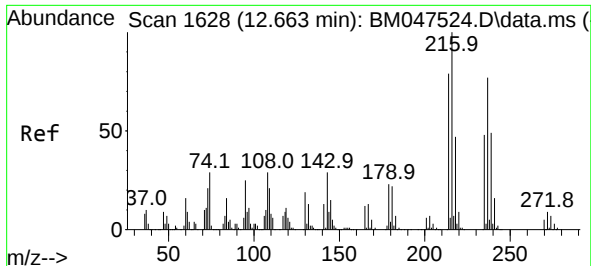


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.106 ng
RT: 12.675 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



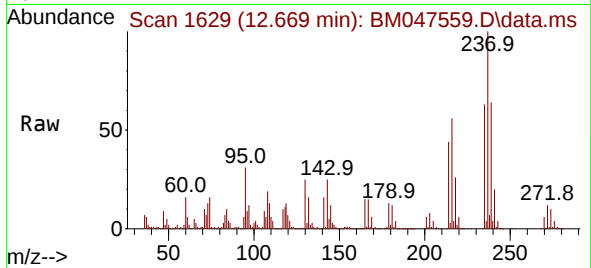
Tgt Ion:216 Resp: 898013
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 22.3 17.5 26.3
108 29.7 18.6 28.0#





#41
Hexachlorocyclopentadiene
Concen: 208.811 ng
RT: 12.669 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

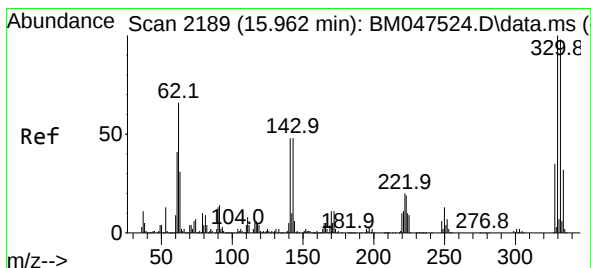
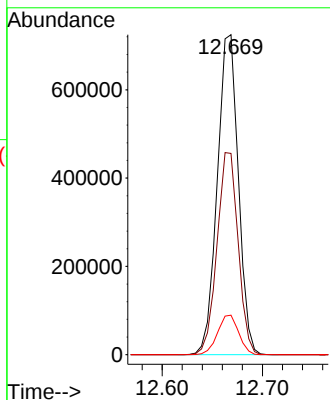
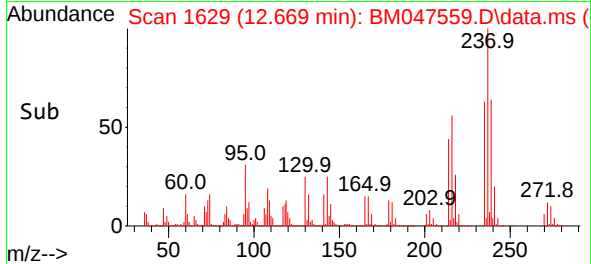
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



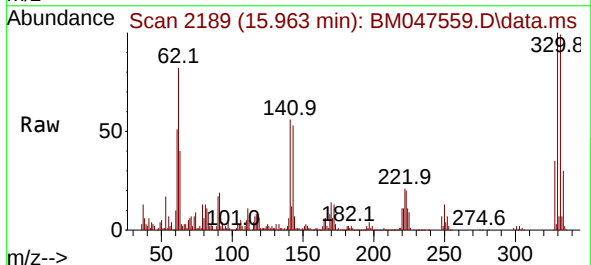
Tgt Ion:237 Resp: 105498
Ion Ratio Lower Upper
237 100
235 62.9 42.0 82.0
272 12.4 0.0 31.5

Manual Integrations
APPROVED

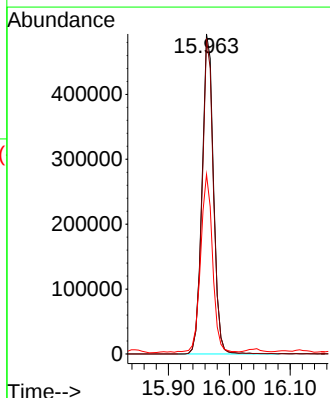
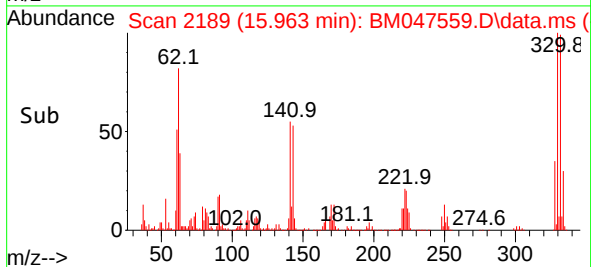
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

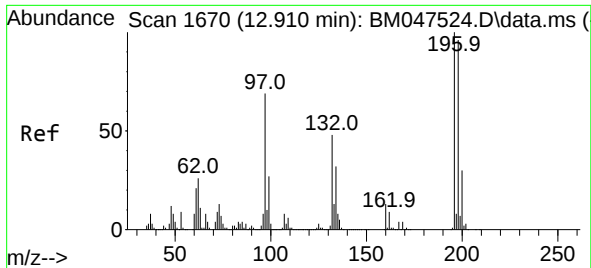


#42
2,4,6-Tribromophenol
Concen: 116.352 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



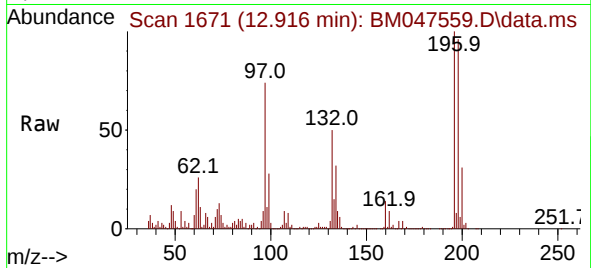
Tgt Ion:330 Resp: 642335
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 57.7 42.2 63.2





#43
2,4,6-Trichlorophenol
Concen: 59.402 ng
RT: 12.916 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

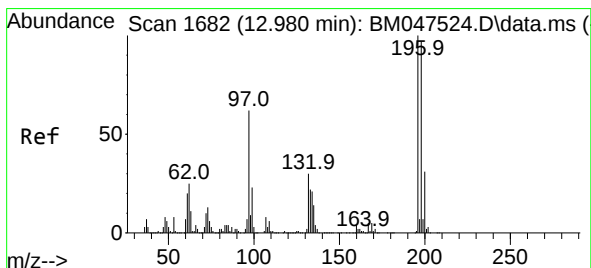
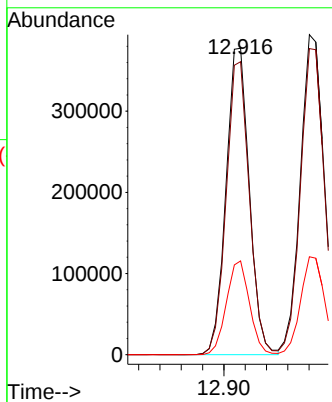
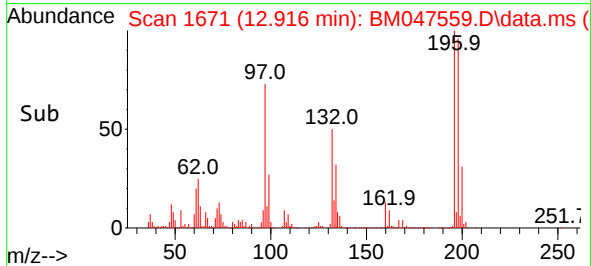
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



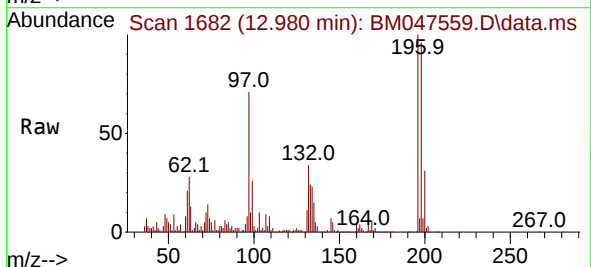
Tgt Ion:196 Resp: 57515
Ion Ratio Lower Upper
196 100
198 95.6 76.9 115.3
200 30.6 24.3 36.5

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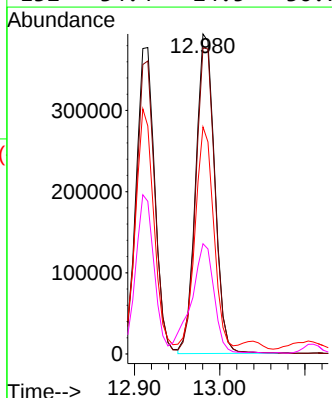
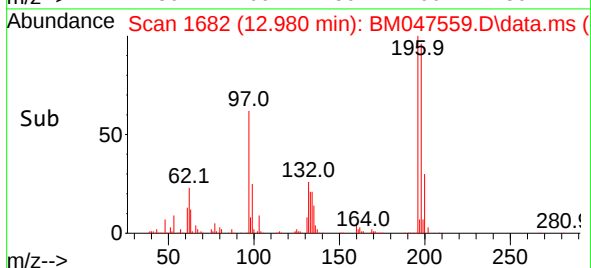
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

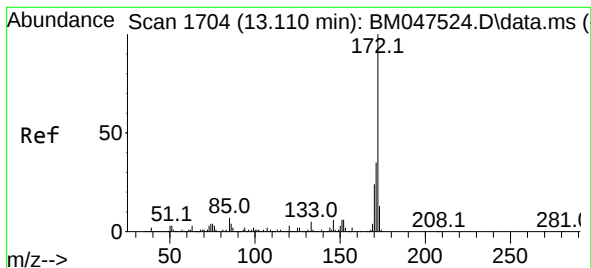


#44
2,4,5-Trichlorophenol
Concen: 55.993 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



Tgt Ion:196 Resp: 612355
Ion Ratio Lower Upper
196 100
198 95.7 77.4 116.2
97 71.0 49.8 74.8
132 34.4 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 78.706 ng

RT: 13.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM047559.D

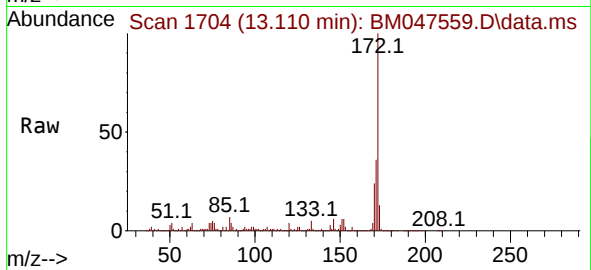
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



Tgt Ion:172 Resp: 326328

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

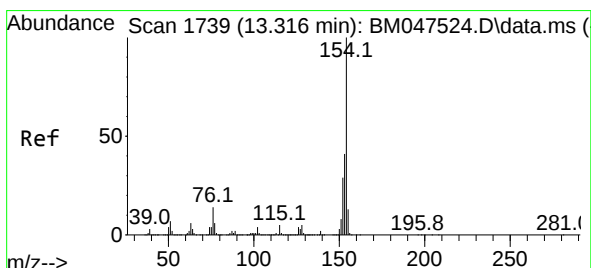
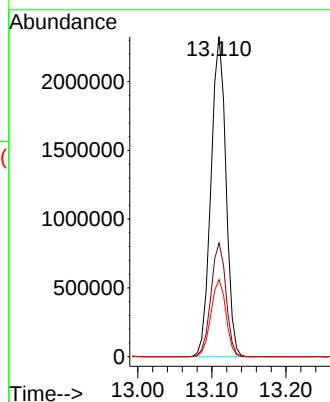
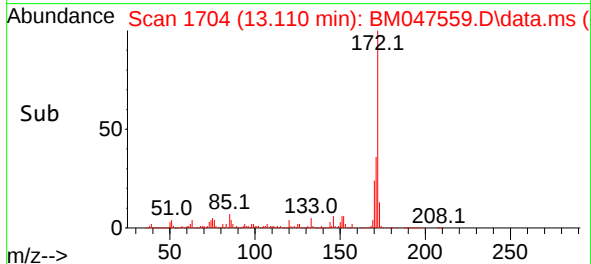
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#46

1,1'-Biphenyl

Concen: 56.485 ng

RT: 13.322 min Scan# 1740

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

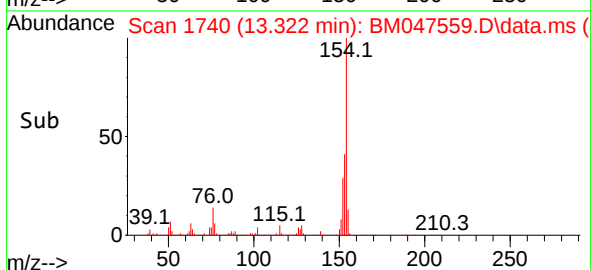
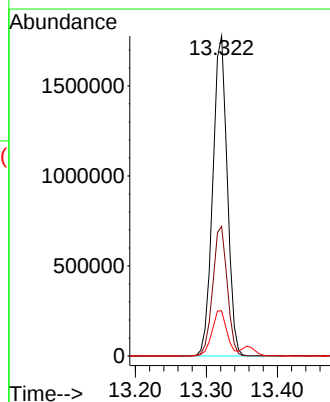
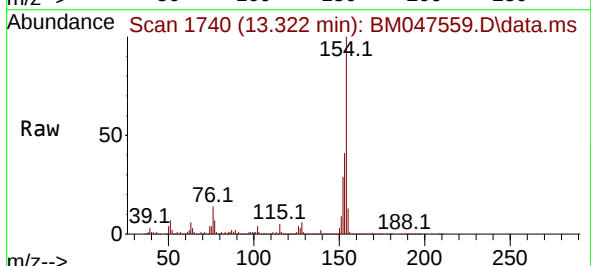
Tgt Ion:154 Resp: 2510071

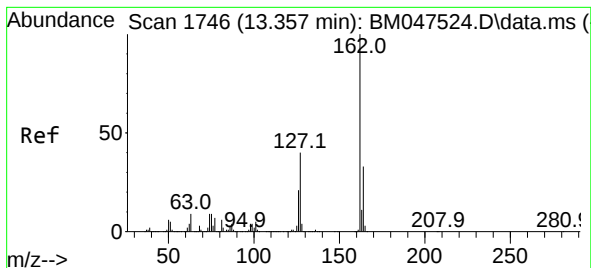
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

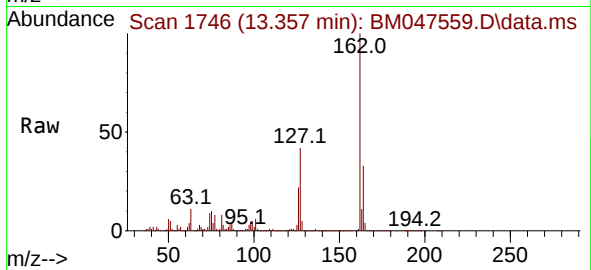
76 14.1 0.0 33.9





#47
2-Chloronaphthalene
Concen: 54.791 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

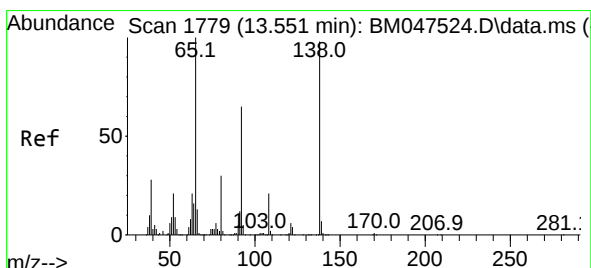
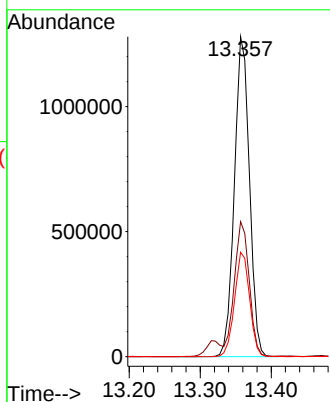
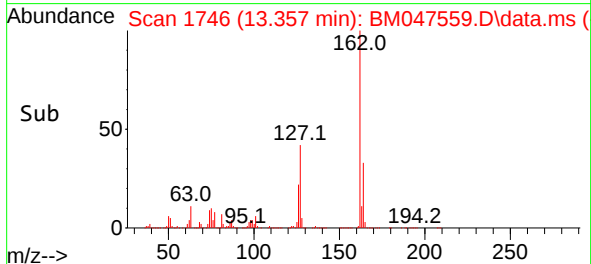
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:162 Resp: 189056
Ion Ratio Lower Upper
162 100
127 42.2 32.2 48.4
164 32.7 26.3 39.5

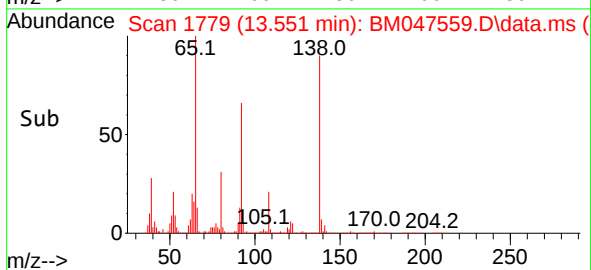
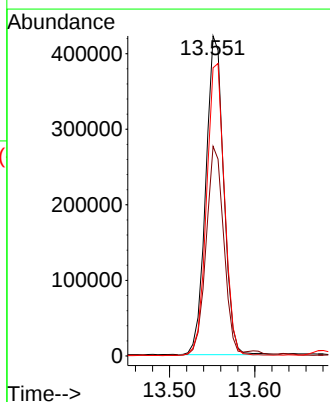
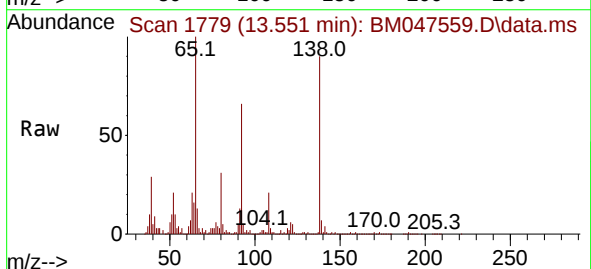
Manual Integrations
APPROVED

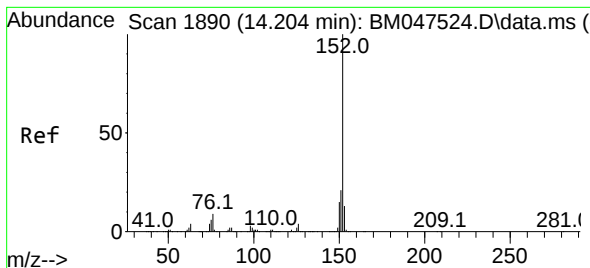
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#48
2-Nitroaniline
Concen: 60.665 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Tgt Ion: 65 Resp: 614827
Ion Ratio Lower Upper
65 100
92 65.5 51.9 77.9
138 90.1 78.5 117.7





#49

Acenaphthylene

Concen: 60.337 ng

RT: 14.204 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BM047559.D

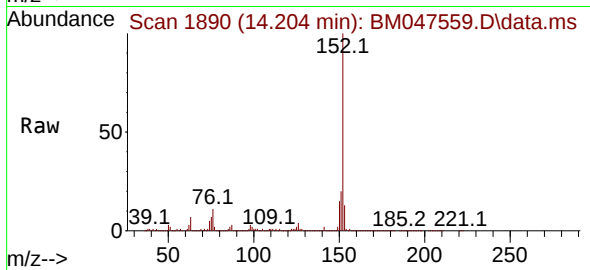
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



Tgt Ion:152 Resp: 300440

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

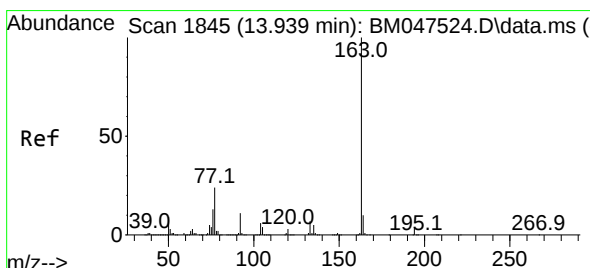
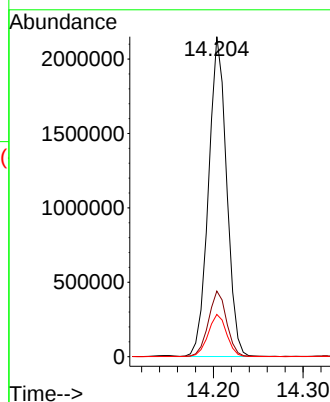
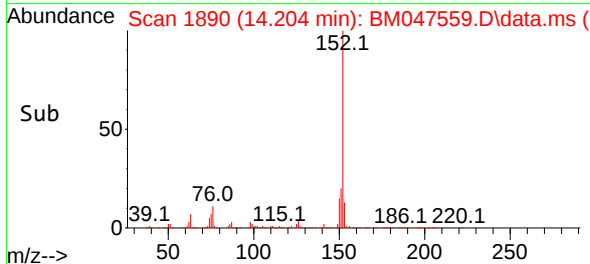
153 13.2 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#50

Dimethylphthalate

Concen: 54.565 ng

RT: 13.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

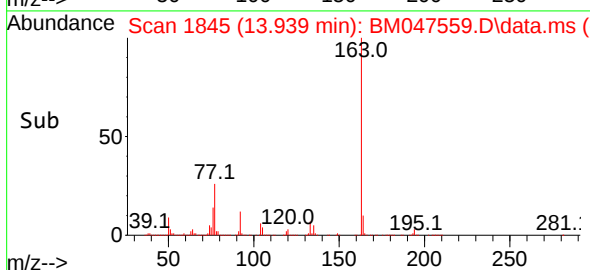
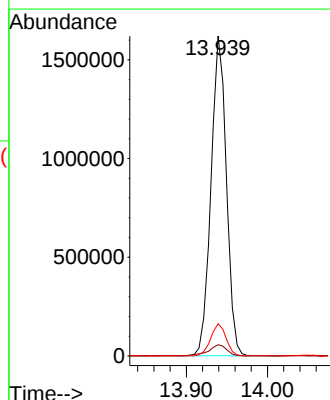
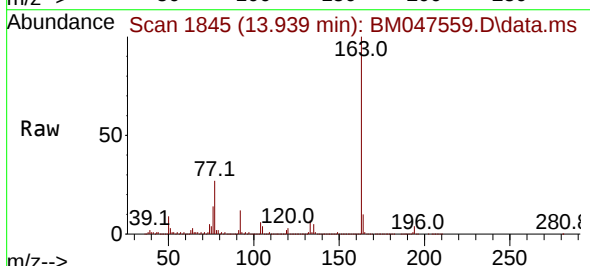
Tgt Ion:163 Resp: 2124101

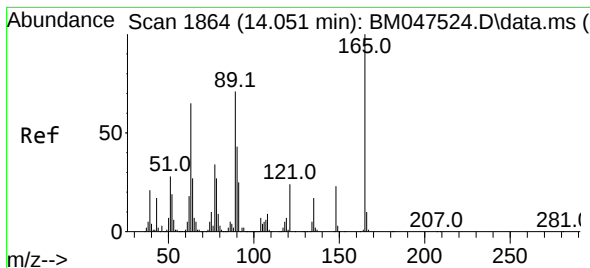
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

164 10.0 7.9 11.9





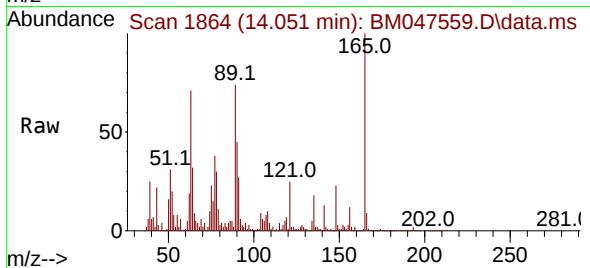
#51
2,6-Dinitrotoluene
Concen: 52.444 ng
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

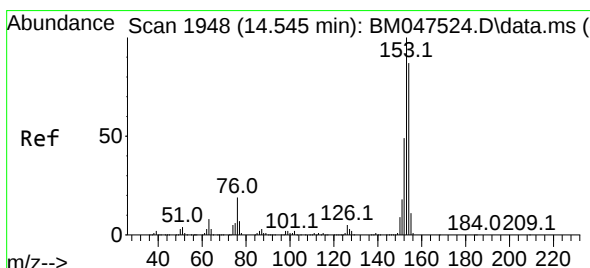
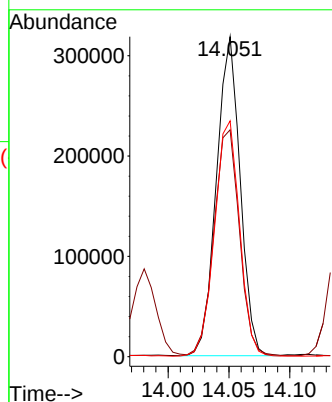
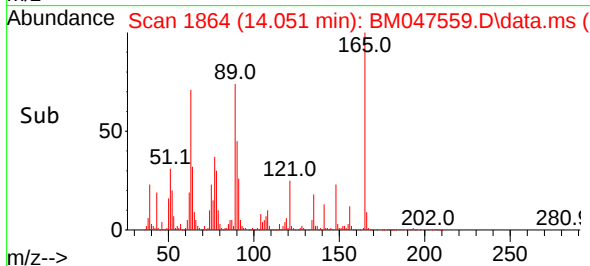


Tgt Ion:165 Resp: 430970
Ion Ratio Lower Upper
165 100
63 70.9 54.2 81.2
89 73.7 56.4 84.6

Manual Integrations

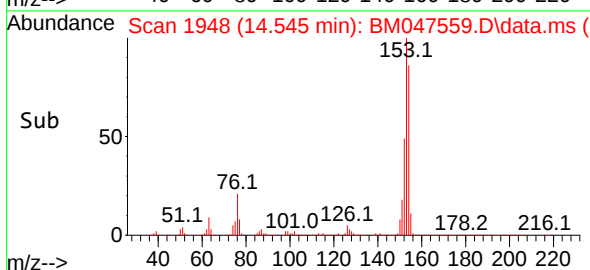
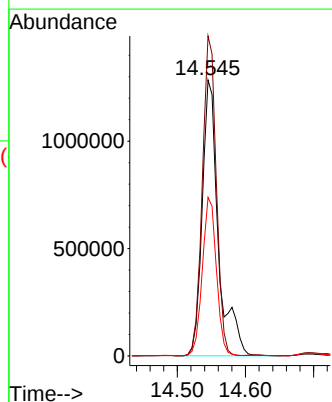
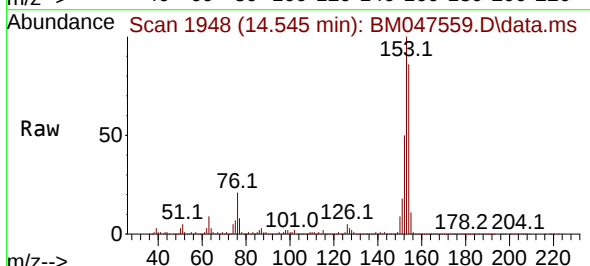
APPROVED

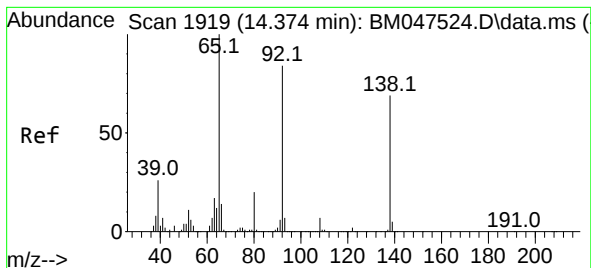
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#52
Acenaphthene
Concen: 60.978 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

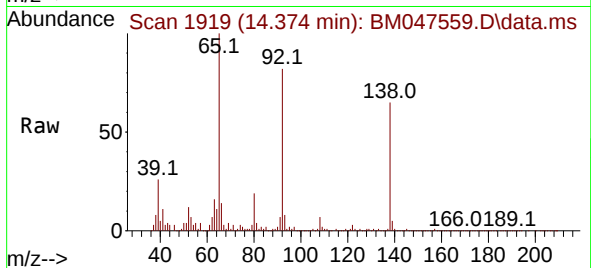
Tgt Ion:154 Resp: 2127447
Ion Ratio Lower Upper
154 100
153 116.0 92.2 138.2
152 57.4 45.4 68.0





#53
3-Nitroaniline
Concen: 41.601 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

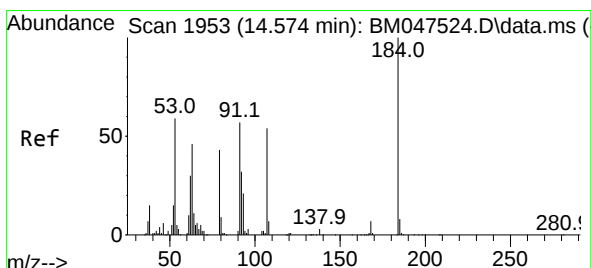
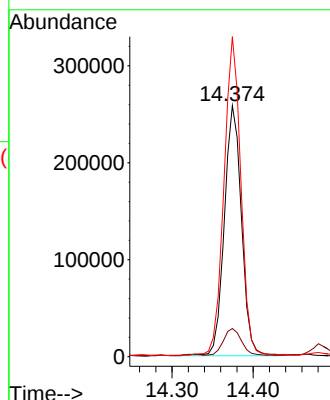
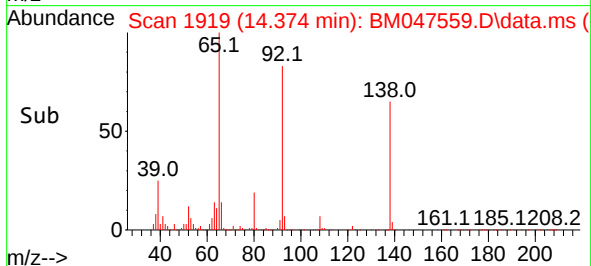
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



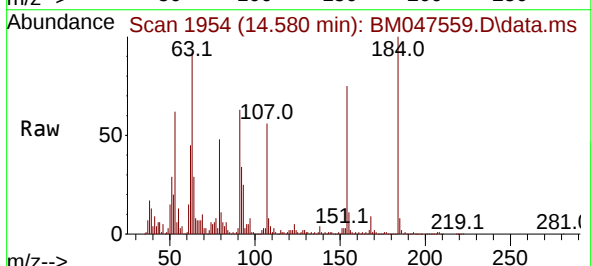
Tgt Ion:138 Resp: 379980
Ion Ratio Lower Upper
138 100
108 11.2 8.0 12.0
92 127.5 97.4 146.0

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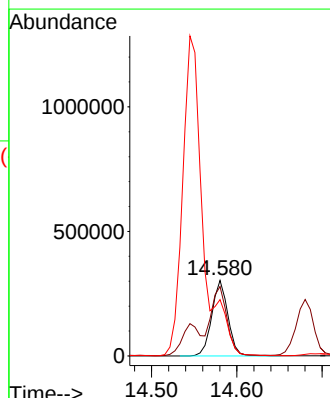
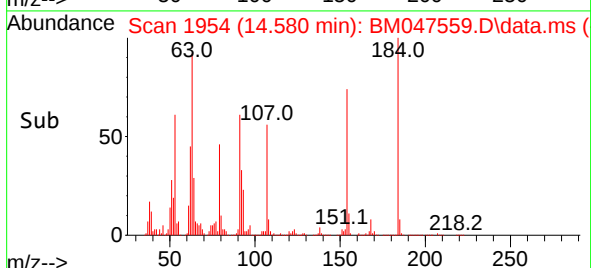
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

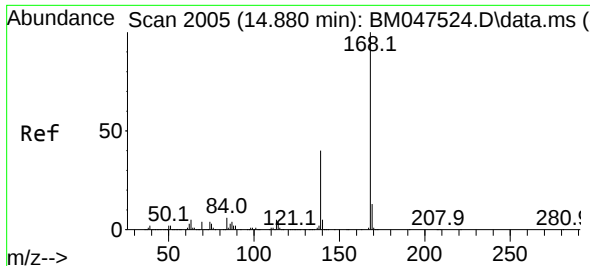


#54
2,4-Dinitrophenol
Concen: 84.310 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



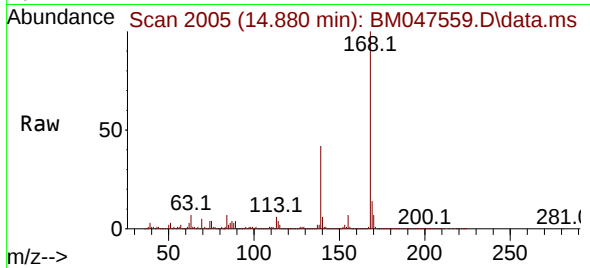
Tgt Ion:184 Resp: 398969
Ion Ratio Lower Upper
184 100
63 91.9 69.4 104.0
154 74.6 60.4 90.6





#55
Dibenzenofuran
Concen: 55.164 ng
RT: 14.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

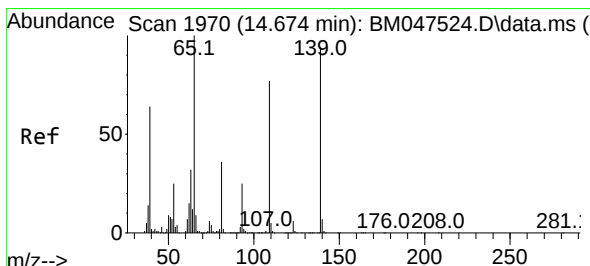
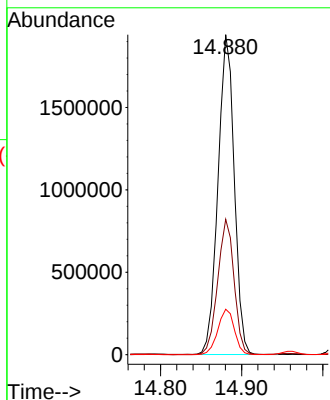
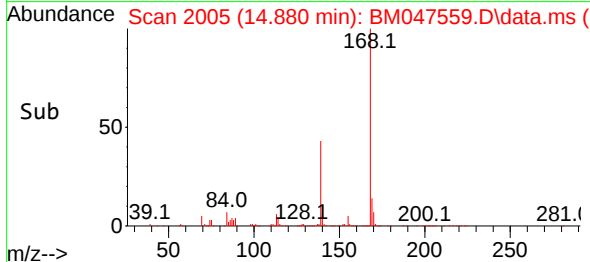
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



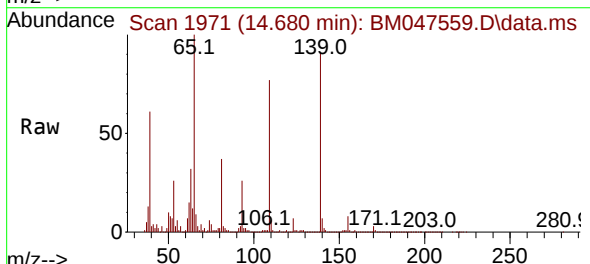
Tgt Ion:168 Resp: 270452
Ion Ratio Lower Upper
168 100
139 42.3 31.9 47.9
169 14.2 10.5 15.7

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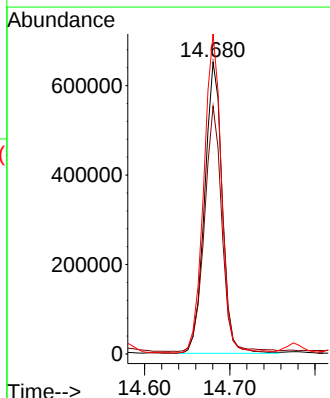
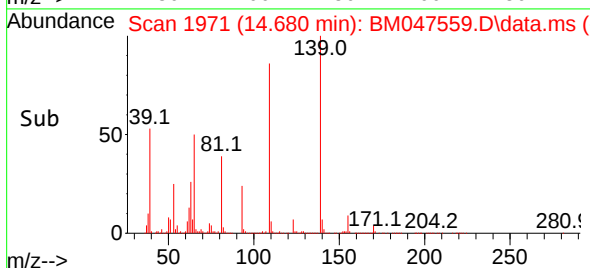
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

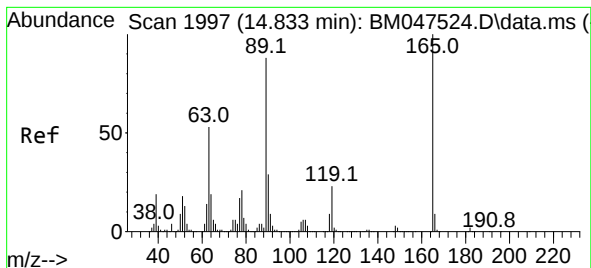


#56
4-Nitrophenol
Concen: 124.569 ng
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



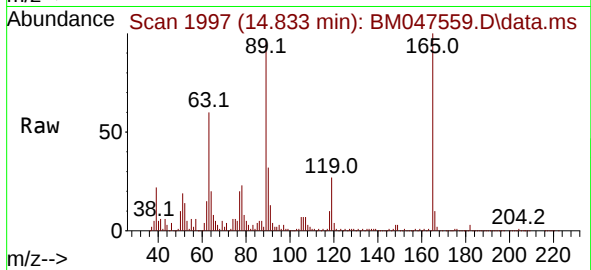
Tgt Ion:139 Resp: 936304
Ion Ratio Lower Upper
139 100
109 84.9 62.0 102.0
65 109.6 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 52.532 ng
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

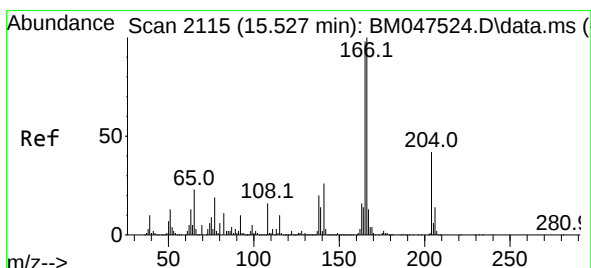
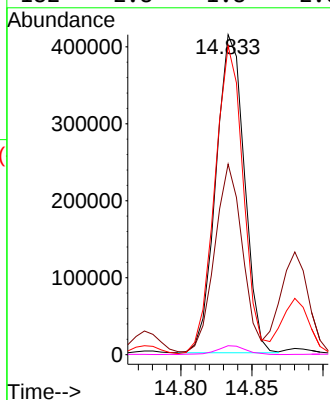
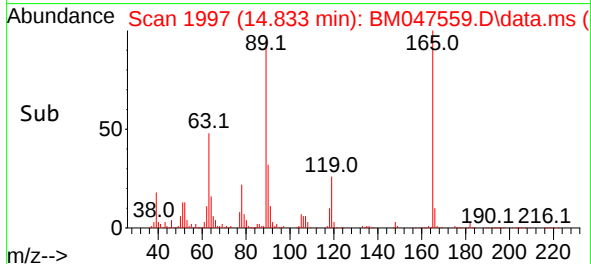
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:165 Resp: 575752
Ion Ratio Lower Upper
165 100
63 59.5 42.4 63.6
89 96.5 70.5 105.7
182 2.8 1.8 2.6#

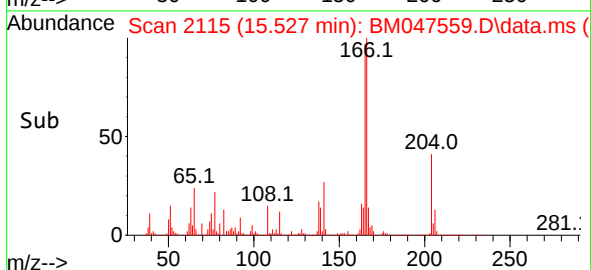
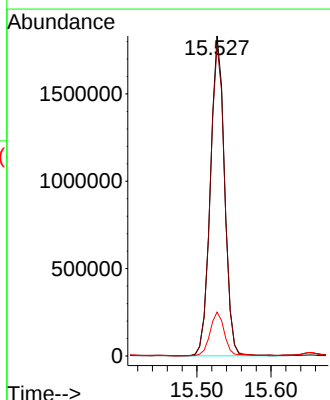
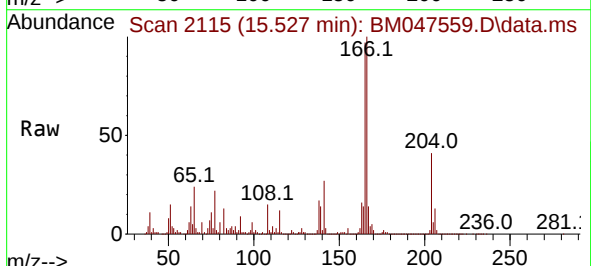
Manual Integrations
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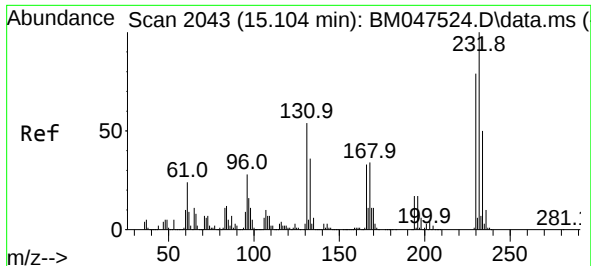
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#58
Fluorene
Concen: 54.836 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

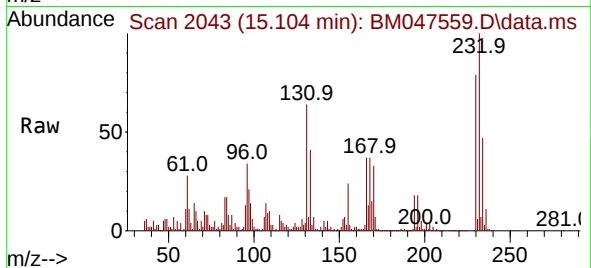
Tgt Ion:166 Resp: 2420426
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.812 ng/ml
RT: 15.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

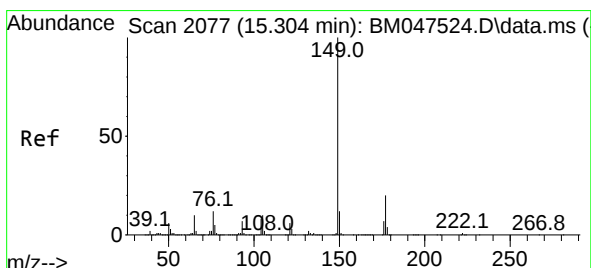
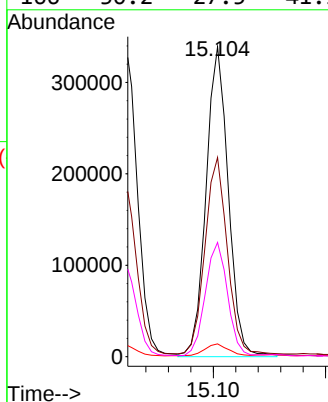
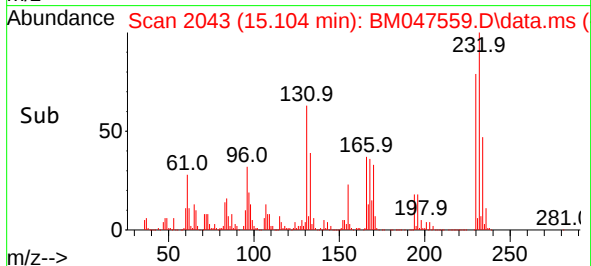
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



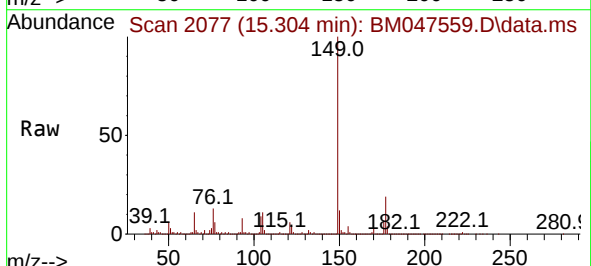
Tgt Ion:232 Resp: 467350
Ion Ratio Lower Upper
232 100
131 58.5 47.0 70.4
130 3.7 2.6 3.8
166 30.2 27.5 41.3

Manual Integrations
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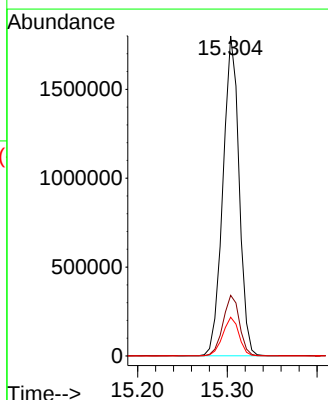
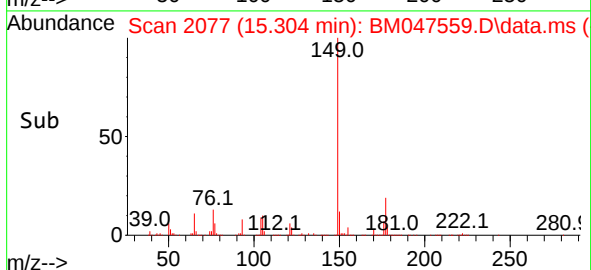
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

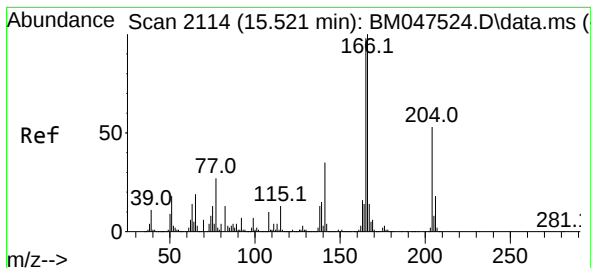


#60
Diethylphthalate
Concen: 54.229 ng/ml
RT: 15.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



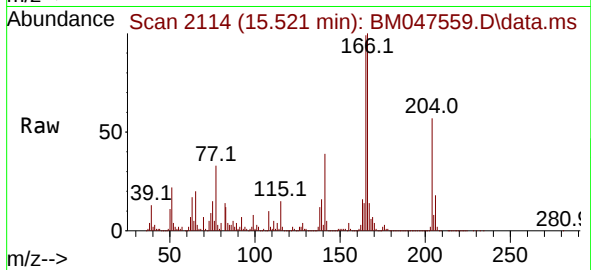
Tgt Ion:149 Resp: 2246693
Ion Ratio Lower Upper
149 100
177 19.0 15.8 23.8
150 12.1 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 51.703 ng
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

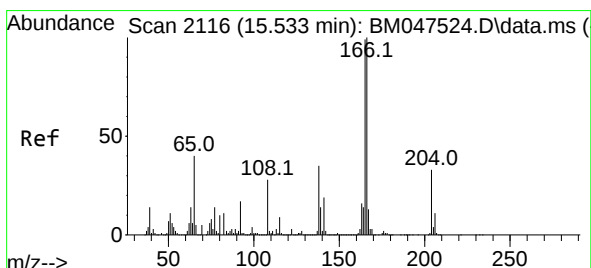
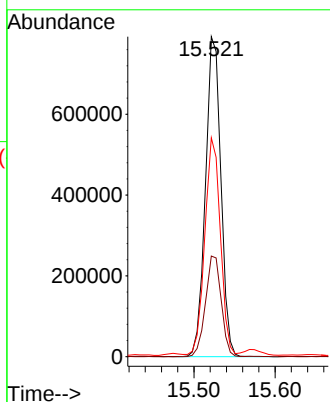
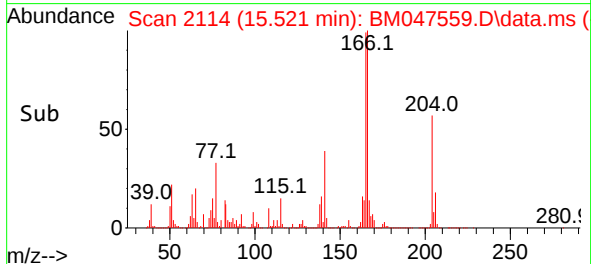
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:204 Resp: 104348
Ion Ratio Lower Upper
204 100
206 31.4 26.5 39.7
141 68.4 52.1 78.1

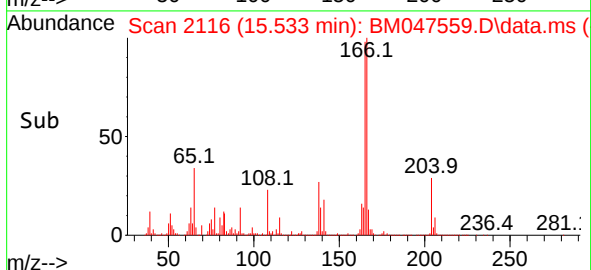
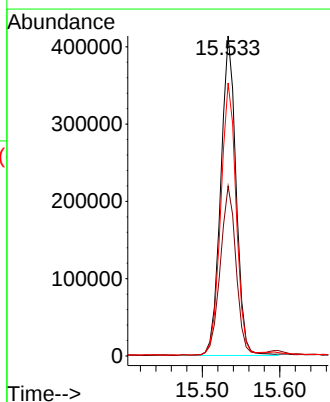
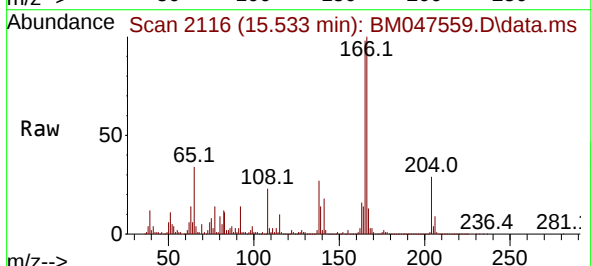
Manual Integrations
APPROVED

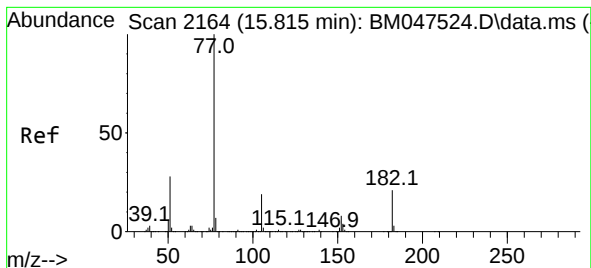
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#62
4-Nitroaniline
Concen: 53.087 ng
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

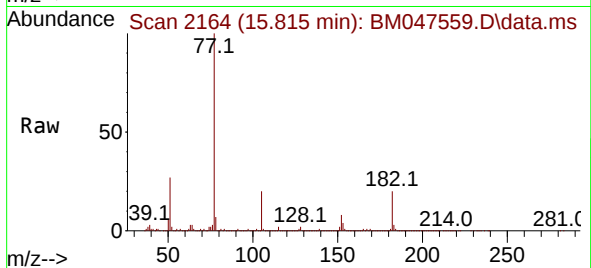
Tgt Ion:138 Resp: 569997
Ion Ratio Lower Upper
138 100
92 53.1 30.0 70.0
108 85.3 61.7 101.7





#63
Azobenzene
Concen: 62.257 ng
RT: 15.815 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

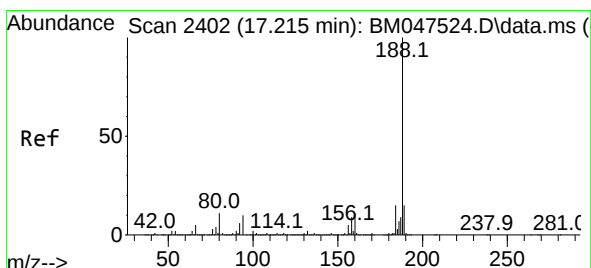
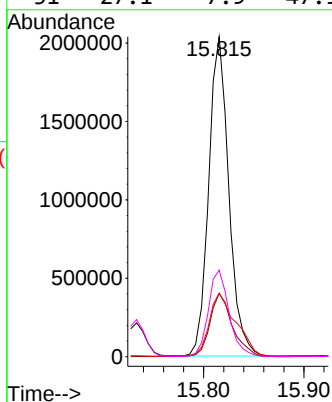
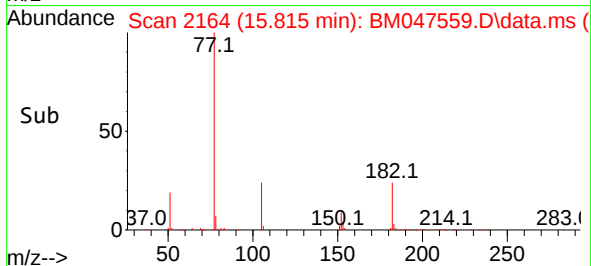
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion: 77 Resp: 2840070
Ion Ratio Lower Upper
77 100
182 19.7 1.2 41.2
105 19.8 0.0 39.4
51 27.1 7.9 47.9

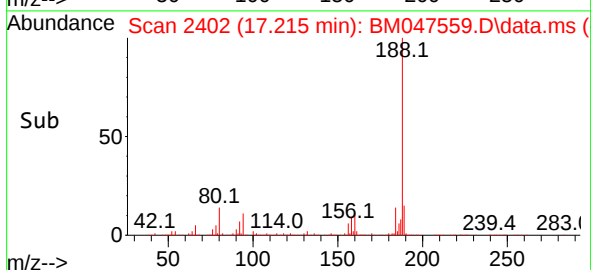
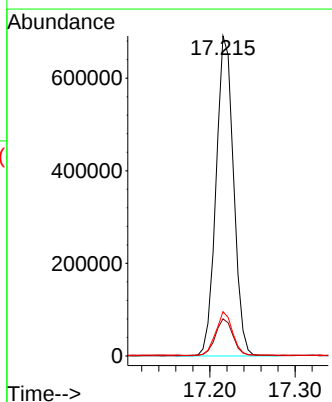
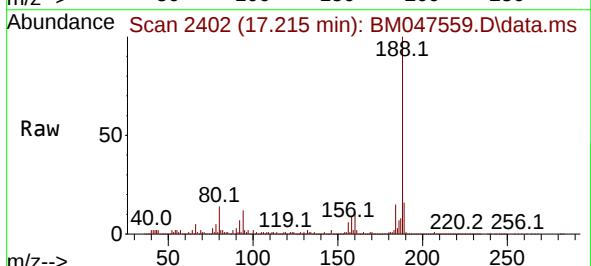
Manual Integrations
APPROVED

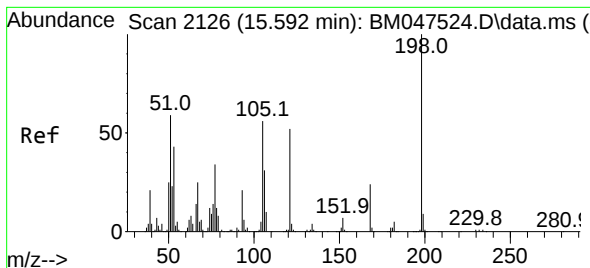
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

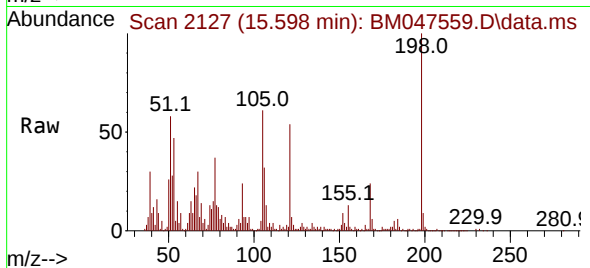
Tgt Ion:188 Resp: 986732
Ion Ratio Lower Upper
188 100
94 11.6 8.4 12.6
80 13.8 9.1 13.7#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.034 ng
RT: 15.598 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

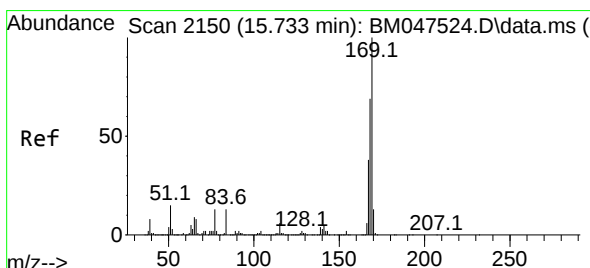
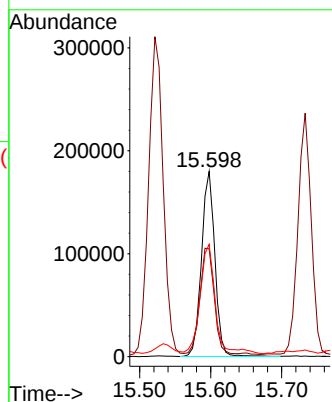
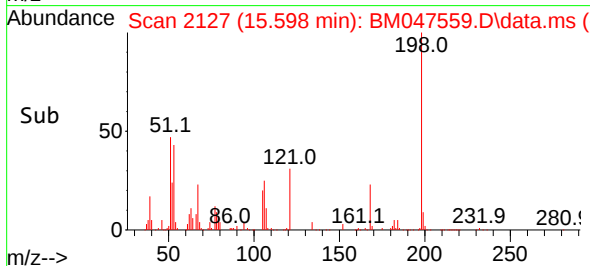
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:198 Resp: 235531
Ion Ratio Lower Upper
198 100
51 58.2 41.5 81.5
105 60.6 36.4 76.4

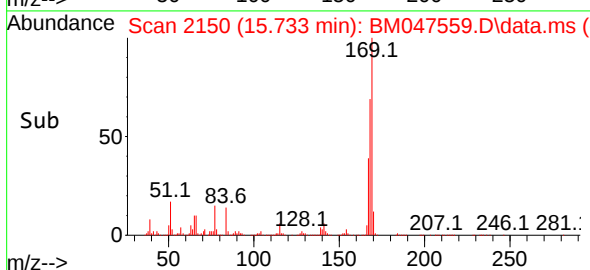
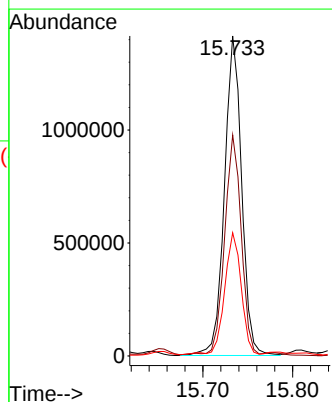
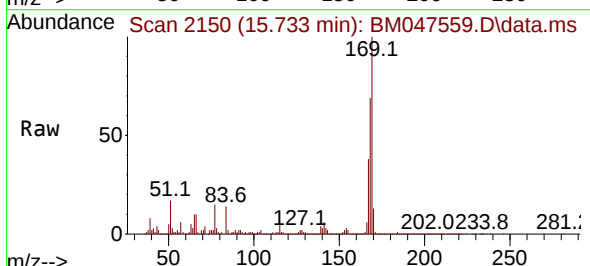
Manual Integrations
APPROVED

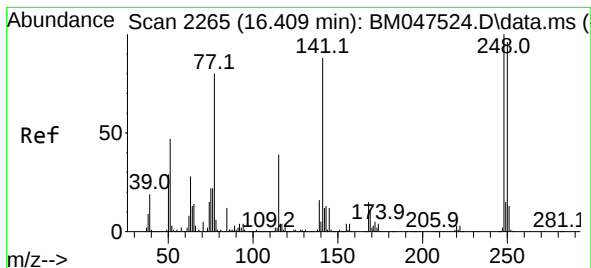
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#66
n-Nitrosodiphenylamine
Concen: 62.493 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Tgt Ion:169 Resp: 1886428
Ion Ratio Lower Upper
169 100
168 69.0 55.3 82.9
167 38.5 30.5 45.7





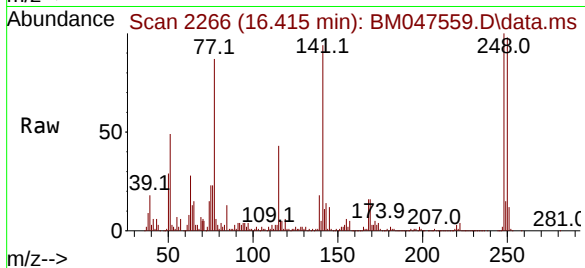
#67
4-Bromophenyl-phenylether
Concen: 54.667 ng
RT: 16.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

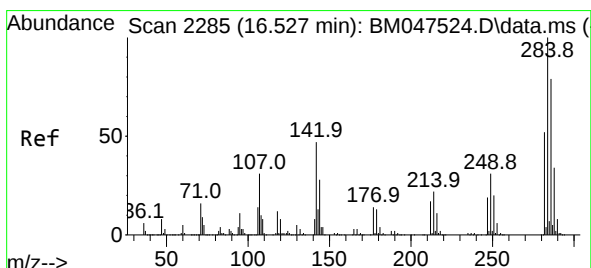
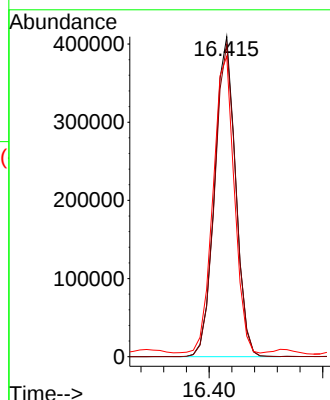
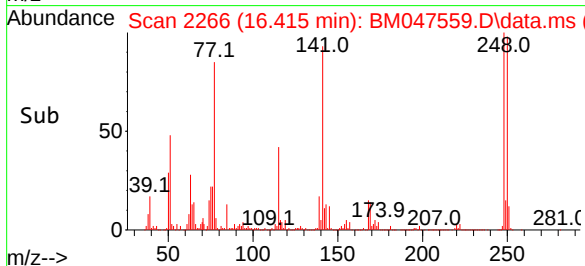


Tgt Ion:248 Resp: 52413
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 93.9 70.8 106.2

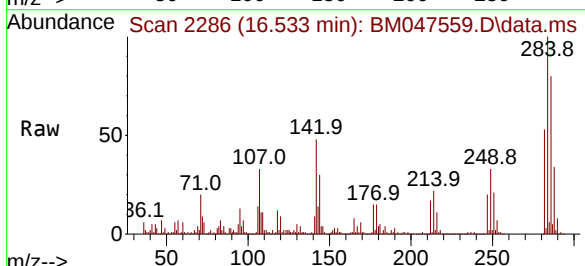
Manual Integrations

APPROVED

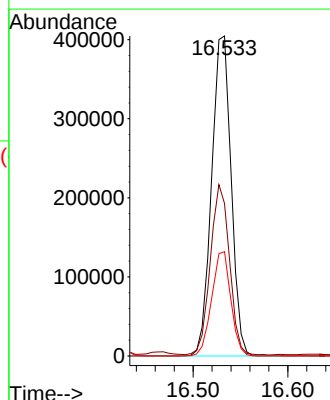
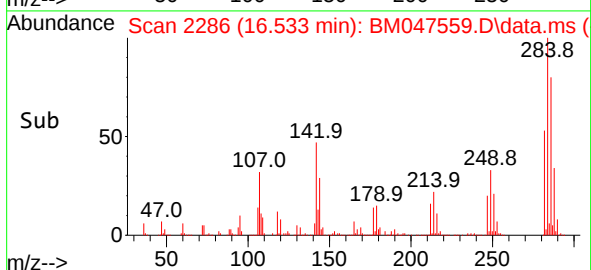
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

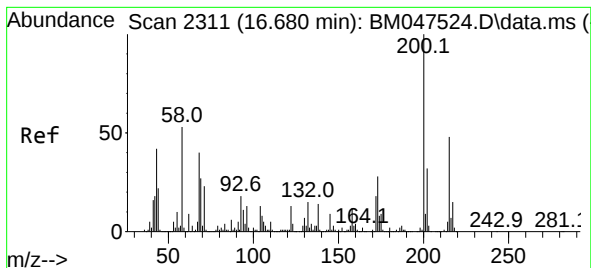


#68
Hexachlorobenzene
Concen: 53.270 ng
RT: 16.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



Tgt Ion:284 Resp: 578597
Ion Ratio Lower Upper
284 100
142 47.7 37.3 55.9
249 32.6 24.5 36.7





#69

Atrazine

Concen: 61.892 ng

RT: 16.680 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:200 Resp: 516378

Ion Ratio Lower Upper

200 100

173 27.9 7.7 47.7

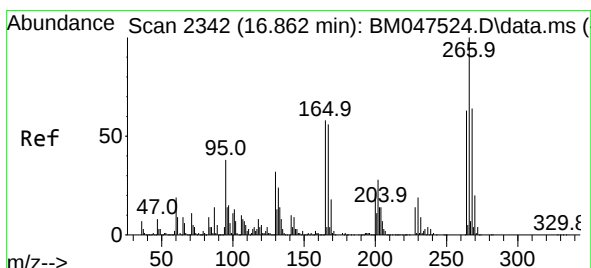
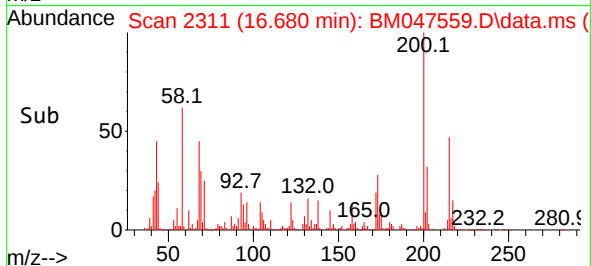
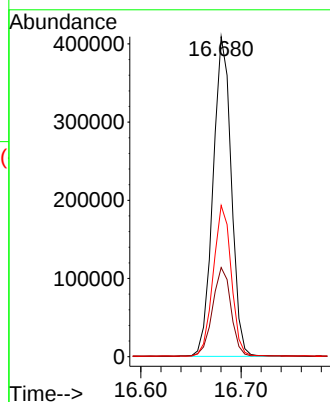
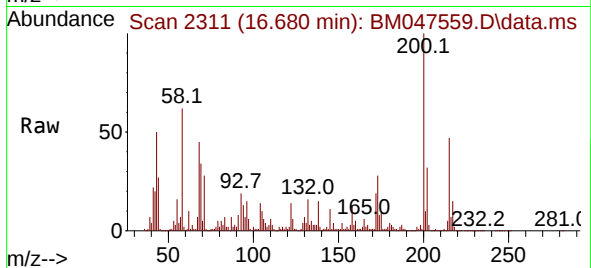
215 47.3 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#70

Pentachlorophenol

Concen: 124.787 ng

RT: 16.868 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

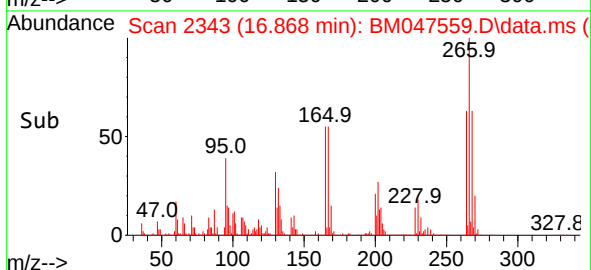
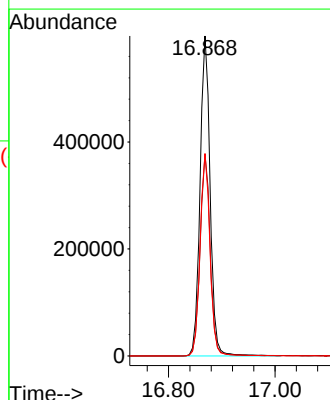
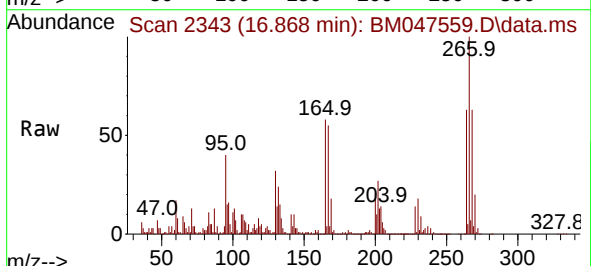
Tgt Ion:266 Resp: 785687

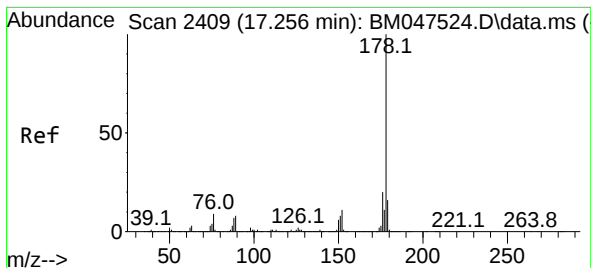
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

264 63.3 50.4 75.6





#71

Phenanthrene

Concen: 58.794 ng

RT: 17.262 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:178 Resp: 319715

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

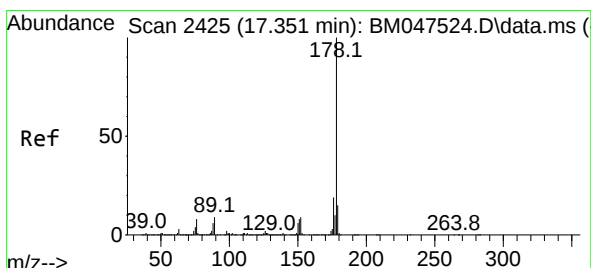
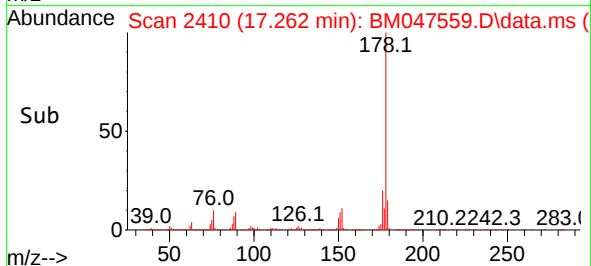
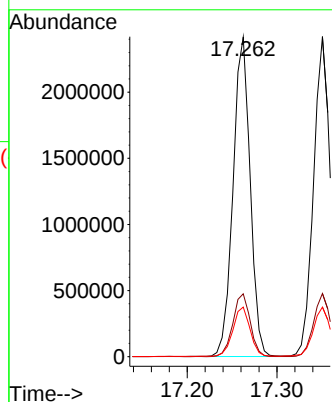
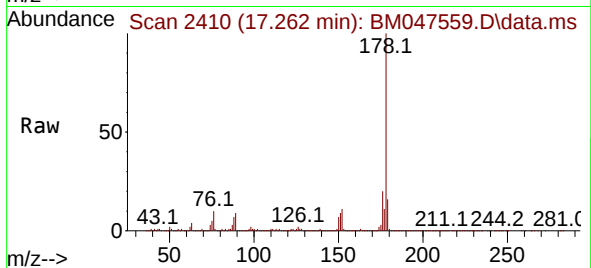
179 15.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#72

Anthracene

Concen: 59.949 ng

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

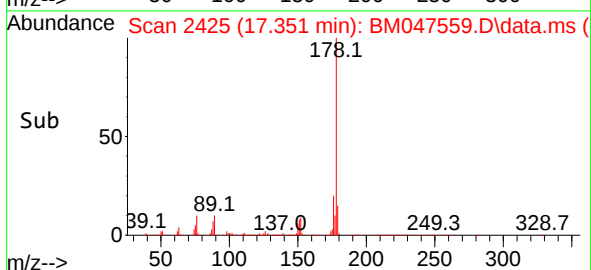
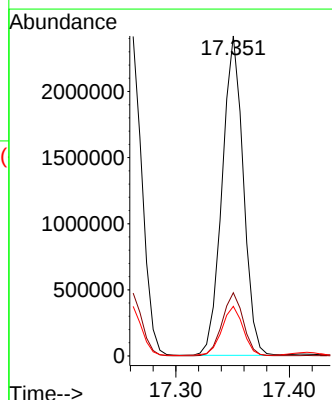
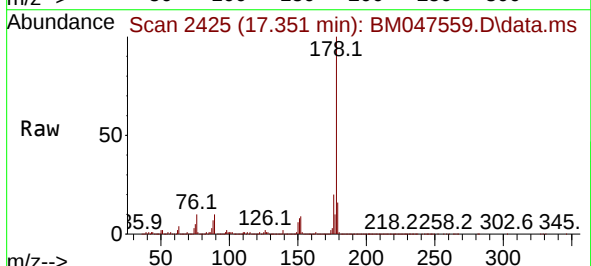
Tgt Ion:178 Resp: 3132045

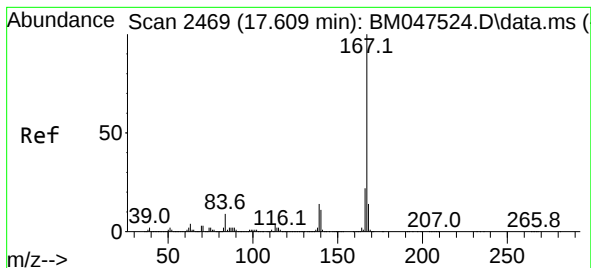
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.5 12.3 18.5





#73

Carbazole

Concen: 56.165 ng

RT: 17.615 min Scan# 2469

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:167 Resp: 290799

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

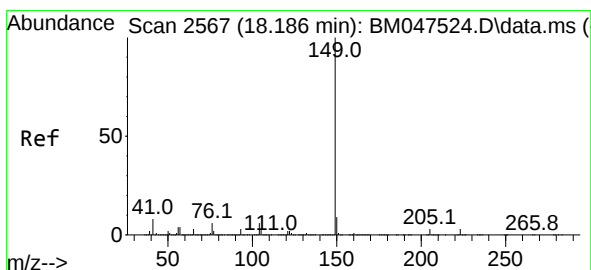
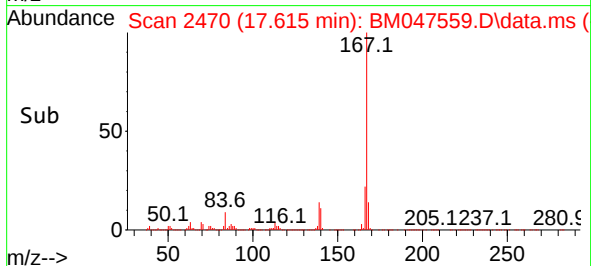
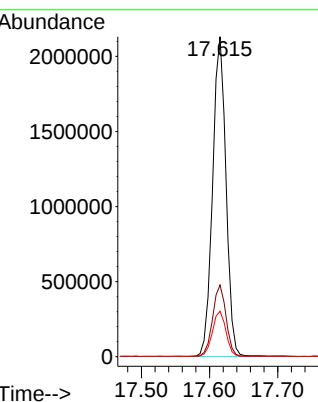
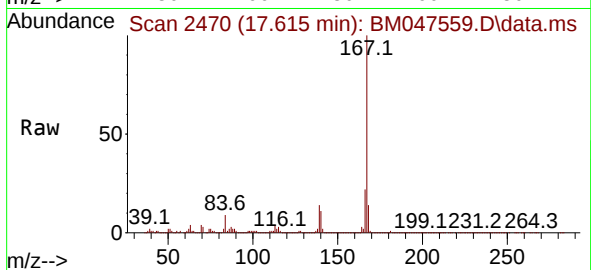
139 14.2 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#74

Di-n-butylphthalate

Concen: 59.604 ng

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

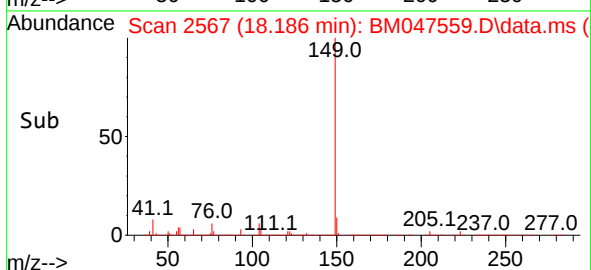
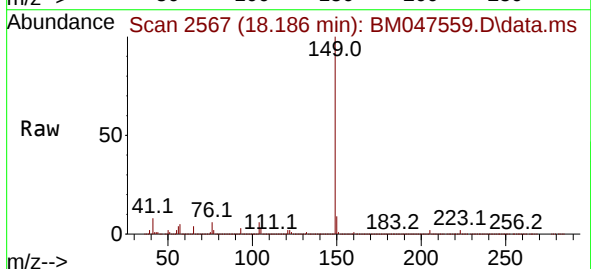
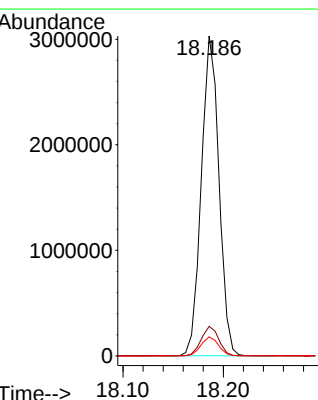
Tgt Ion:149 Resp: 3692483

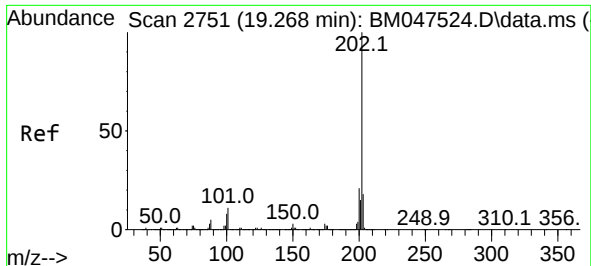
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

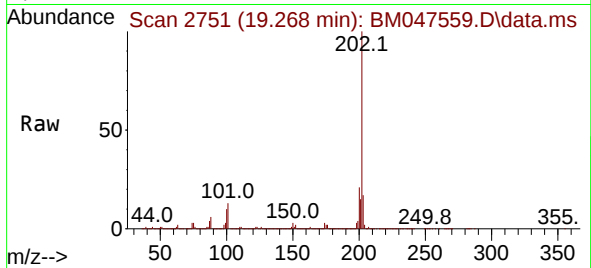
104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 53.585 ng
RT: 19.268 min Scan# 2751
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

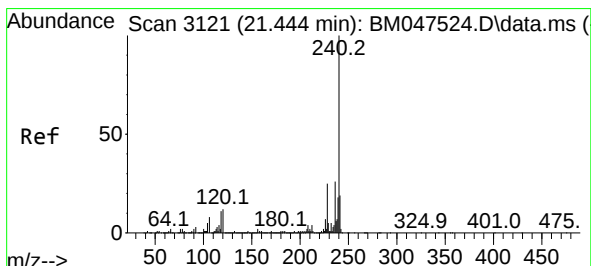
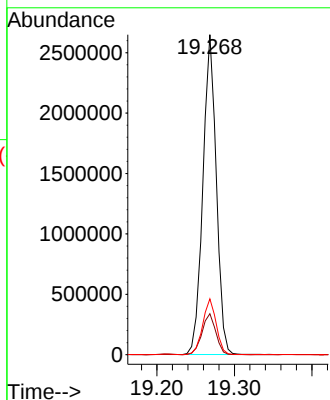
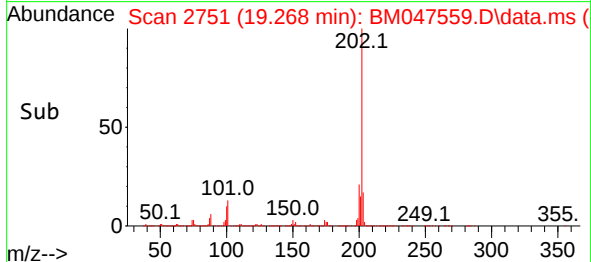
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



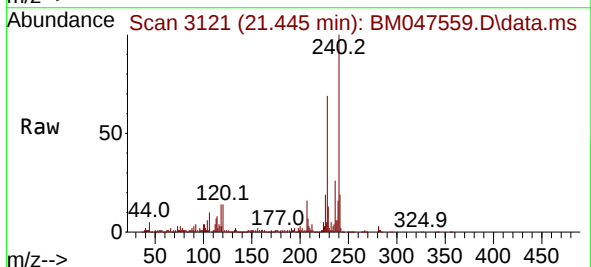
Tgt Ion:202 Resp: 3179244
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.8
203 17.4 0.0 37.7

Manual Integrations
APPROVED

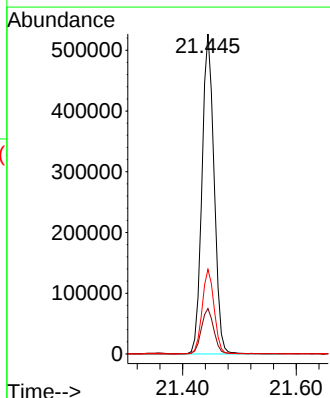
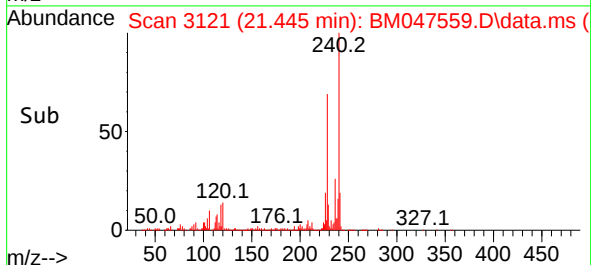
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

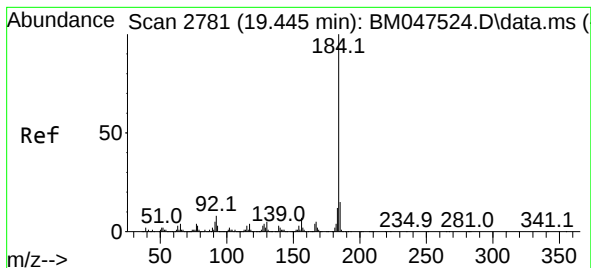


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



Tgt Ion:240 Resp: 777638
Ion Ratio Lower Upper
240 100
120 14.2 9.6 14.4
236 26.4 20.9 31.3





#77

Benzidine

Concen: 164.277 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047559.D

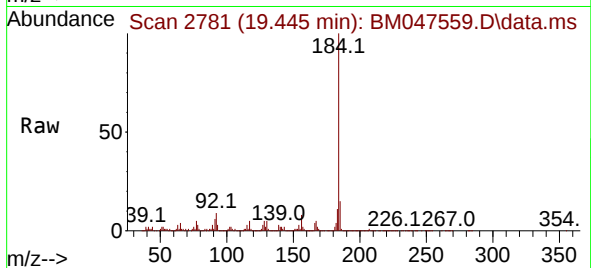
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



Tgt Ion:184 Resp: 1799170

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

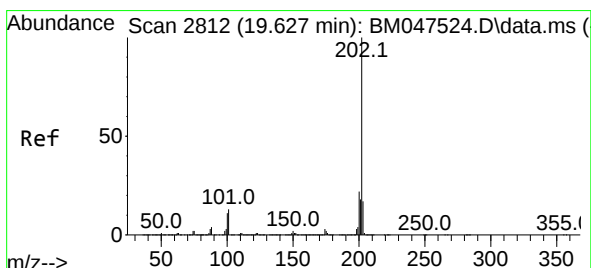
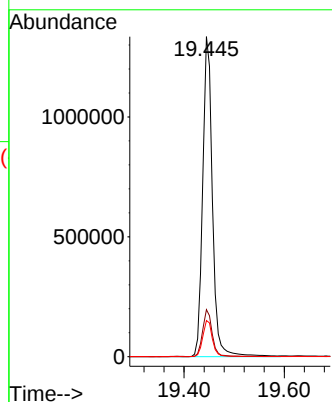
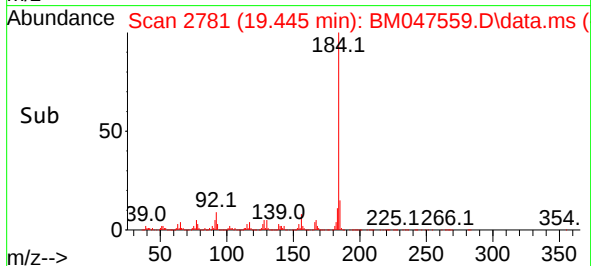
183 11.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#78

Pyrene

Concen: 59.624 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

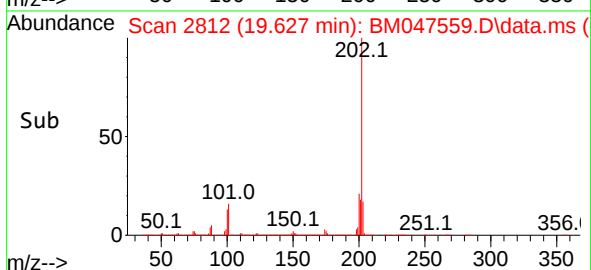
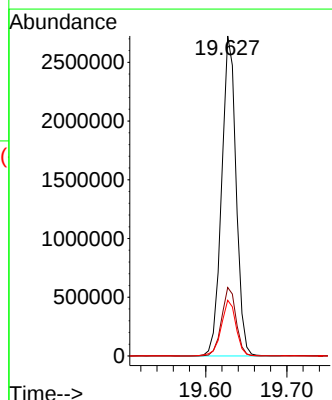
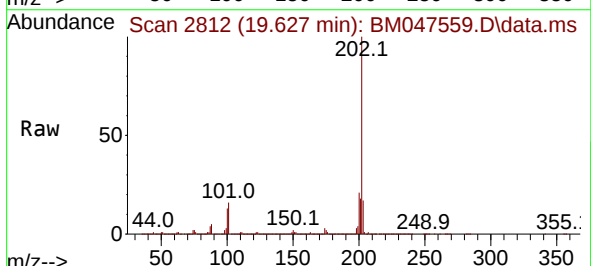
Tgt Ion:202 Resp: 3382032

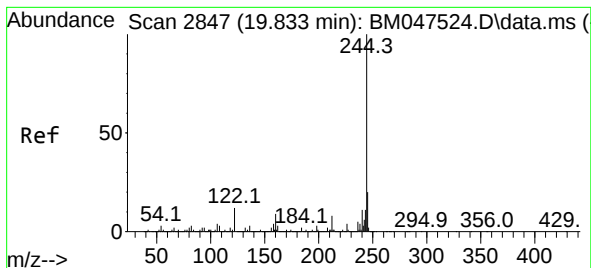
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 87.492 ng

RT: 19.833 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047559.D

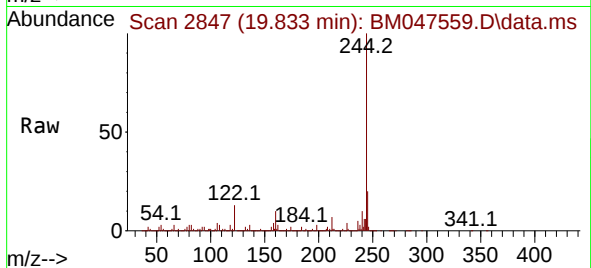
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



Tgt Ion:244 Resp: 379686

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

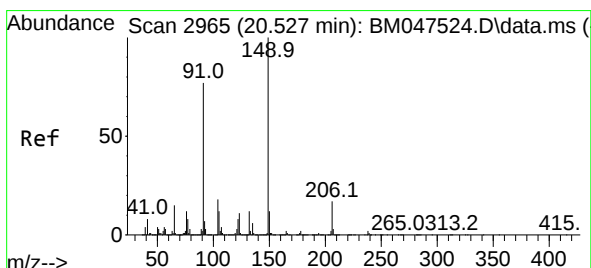
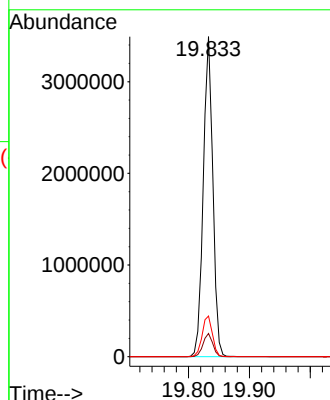
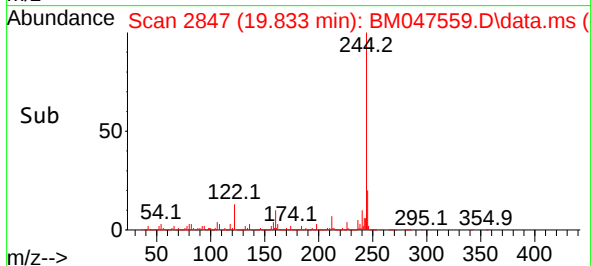
122 12.7 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#80

Butylbenzylphthalate

Concen: 66.438 ng

RT: 20.527 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

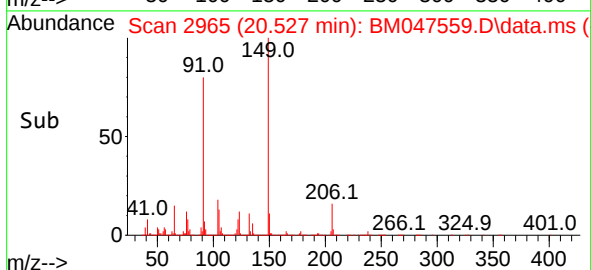
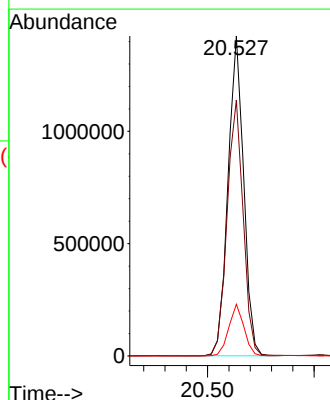
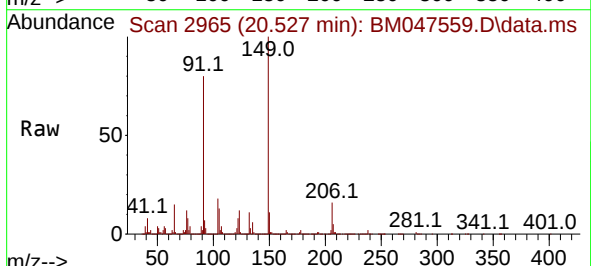
Tgt Ion:149 Resp: 1450711

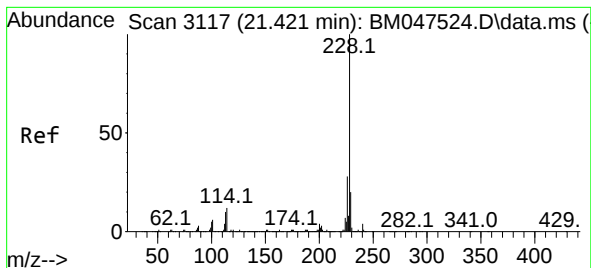
Ion Ratio Lower Upper

149 100

91 80.0 62.0 93.0

206 16.2 13.8 20.8





#81

Benzo(a)anthracene

Concen: 58.833 ng

RT: 21.427 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BM047559.D

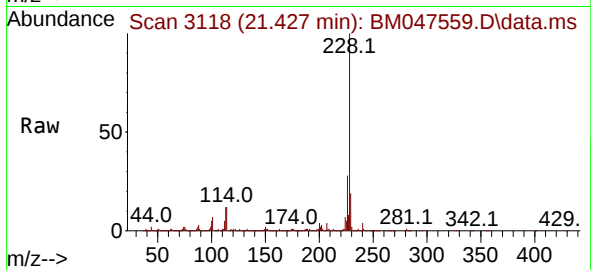
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



Tgt Ion:228 Resp: 298204

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

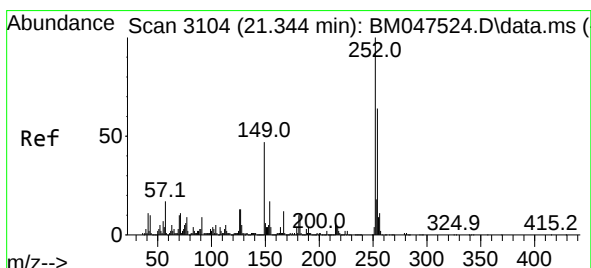
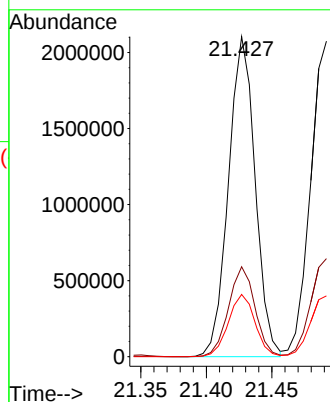
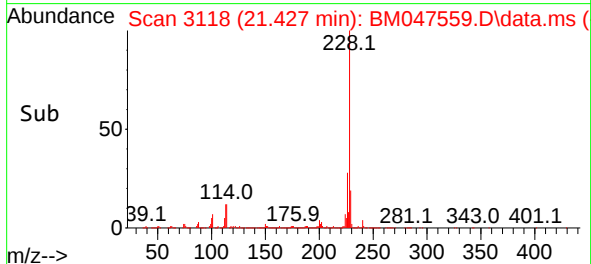
229 19.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#82

3,3'-Dichlorobenzidine

Concen: 62.134 ng

RT: 21.350 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

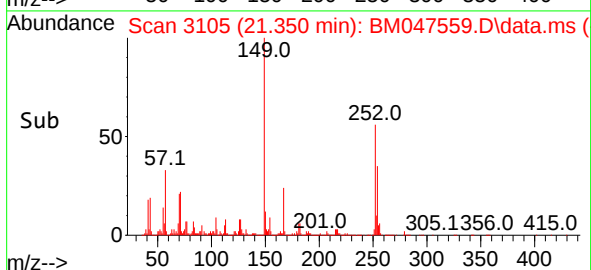
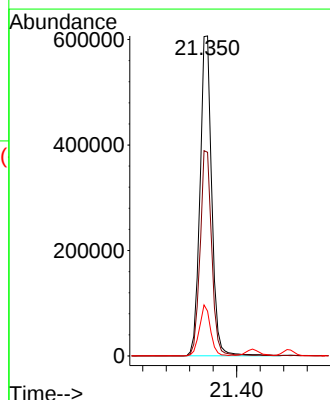
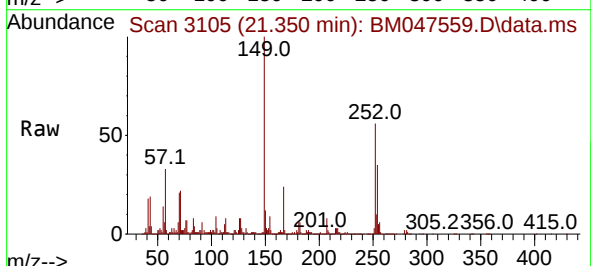
Tgt Ion:252 Resp: 837762

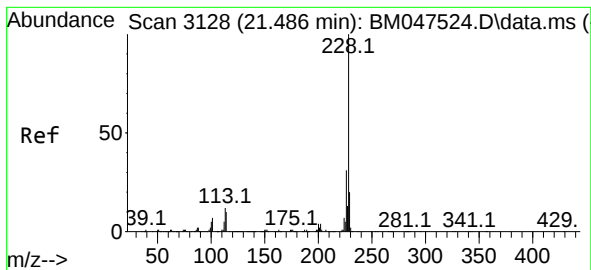
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 14.0 10.3 15.5





#83

Chrysene

Concen: 59.160 ng

RT: 21.492 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:228 Resp: 283627

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

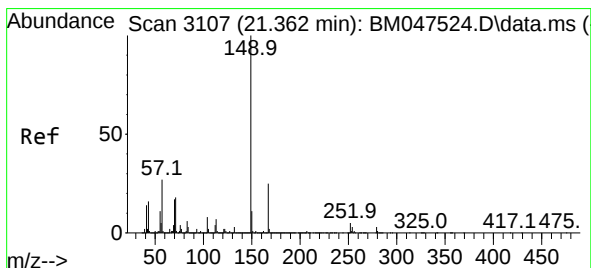
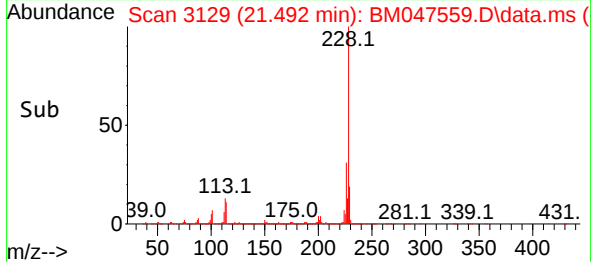
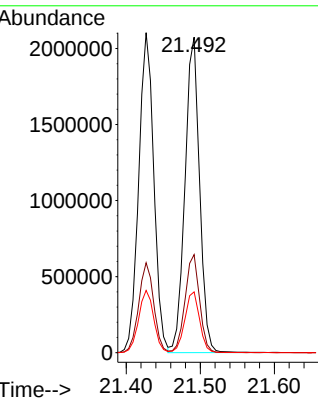
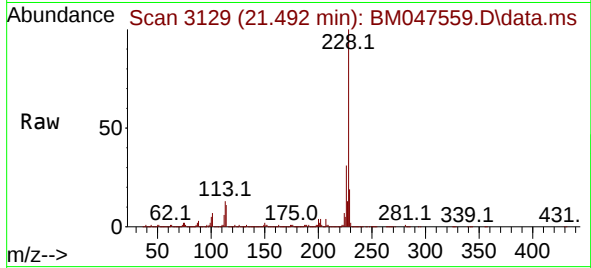
229 19.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.740 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

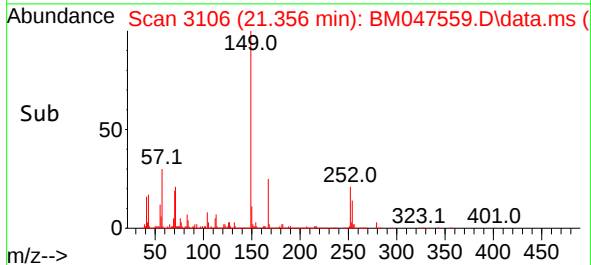
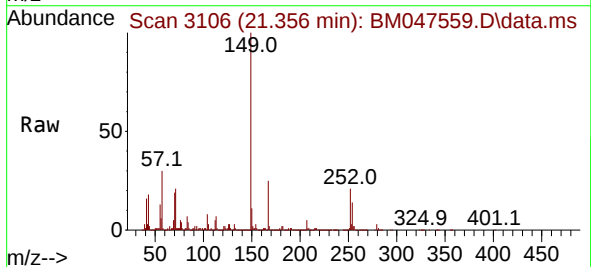
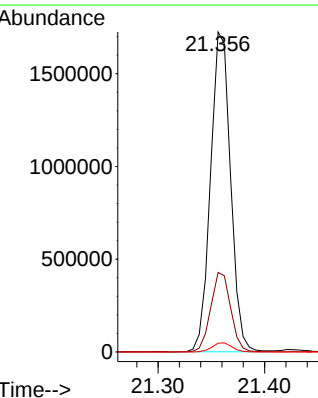
Tgt Ion:149 Resp: 2248723

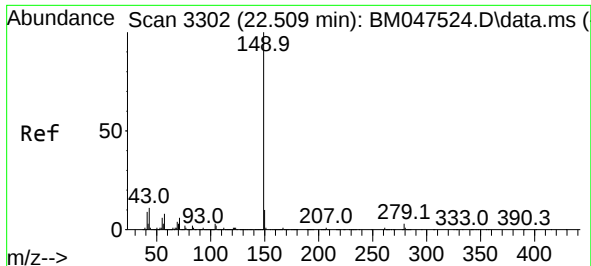
Ion Ratio Lower Upper

149 100

167 24.8 20.2 30.4

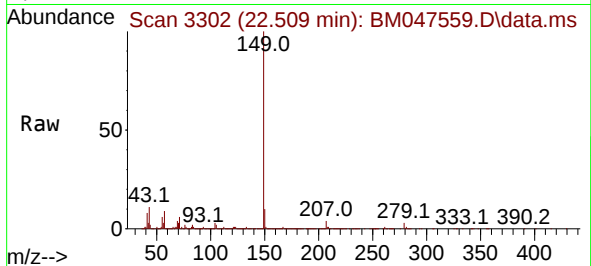
279 2.7 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 73.581 ng
RT: 22.509 min Scan# 3302
Delta R.T. 0.000 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

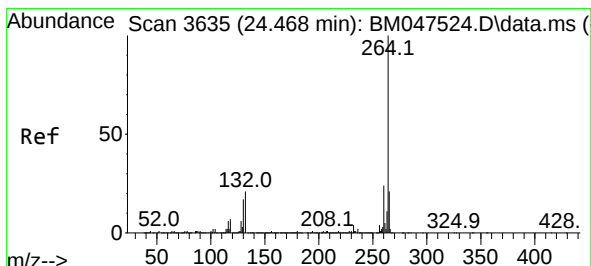
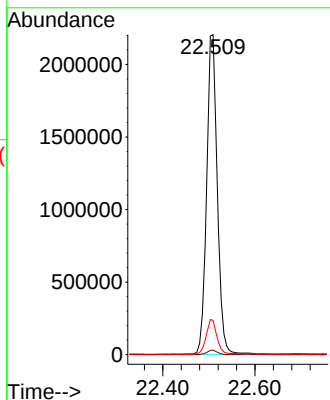
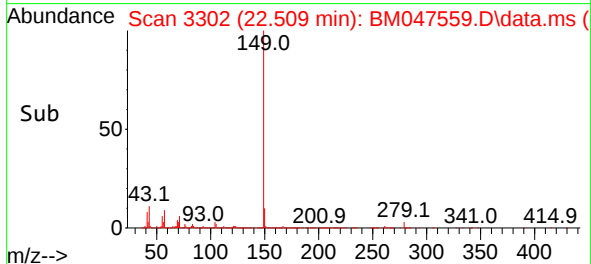
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



Tgt Ion:149 Resp: 3560190
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.0 8.9 13.3

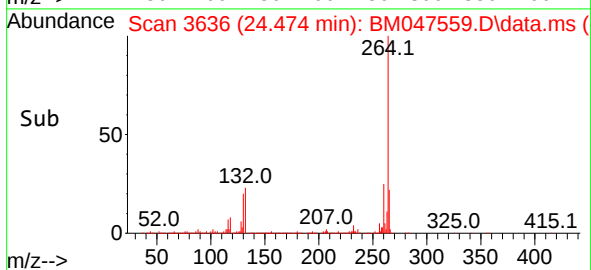
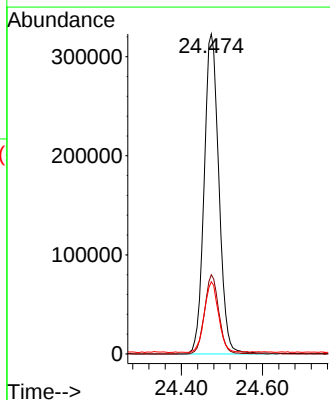
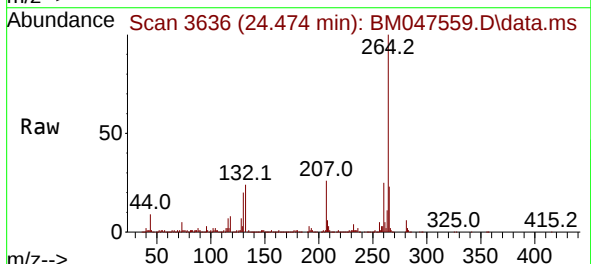
Manual Integrations
APPROVED

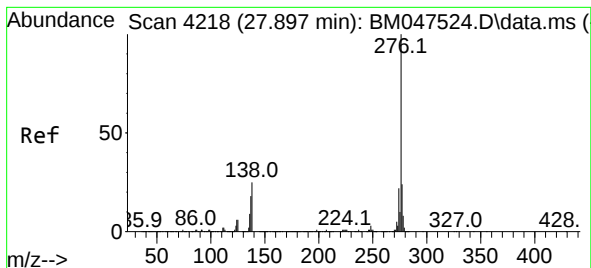
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3636
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

Tgt Ion:264 Resp: 813227
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 22.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 74.437 ng

RT: 27.903 min Scan# 4219

Delta R.T. 0.006 min

Lab File: BM047559.D

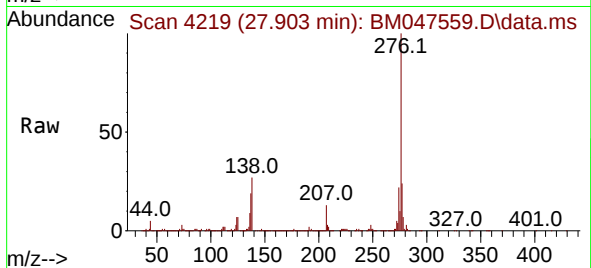
Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS



Tgt Ion:276 Resp: 362265

Ion Ratio Lower Upper

276 100

138 21.8 25.0 37.6

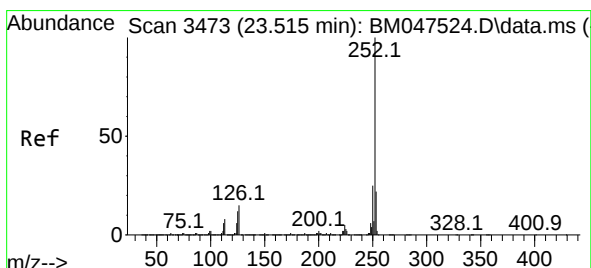
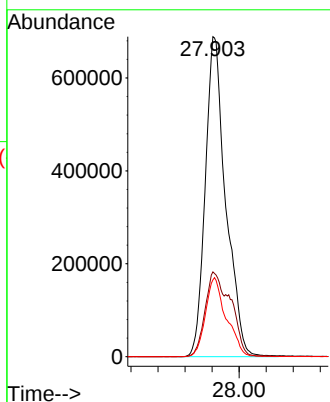
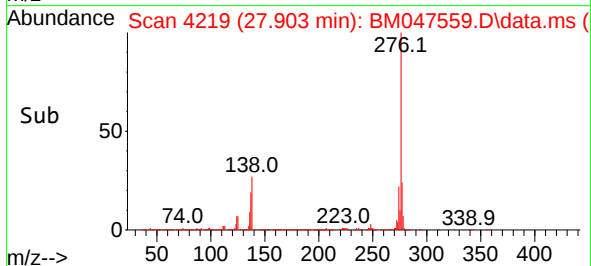
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#88

Benzo(b)fluoranthene

Concen: 53.728 ng

RT: 23.521 min Scan# 3474

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

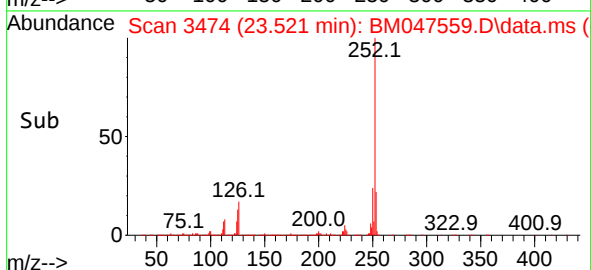
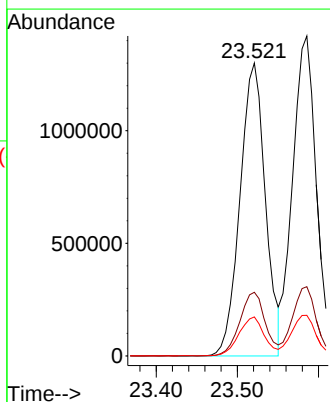
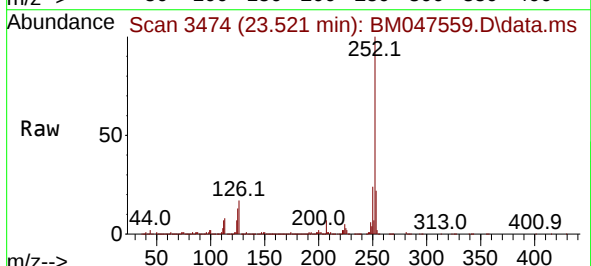
Tgt Ion:252 Resp: 2827033

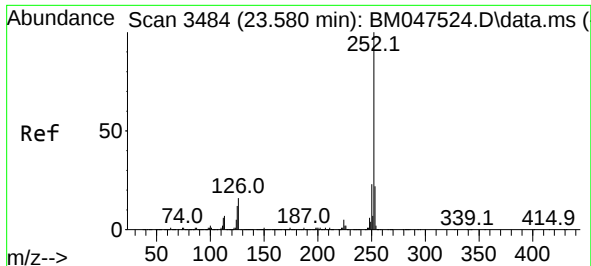
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

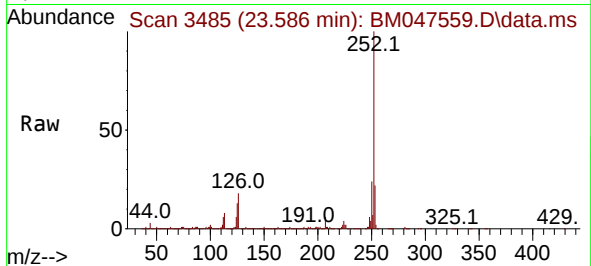
125 13.3 9.5 14.3





#89
Benzo(k)fluoranthene
Concen: 55.396 ng
RT: 23.586 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07

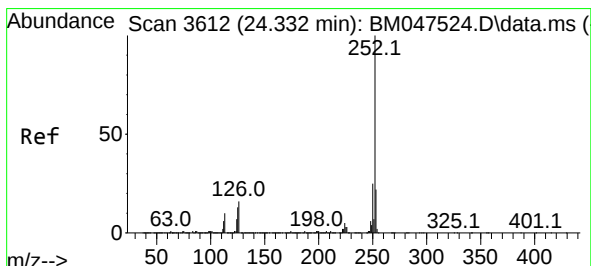
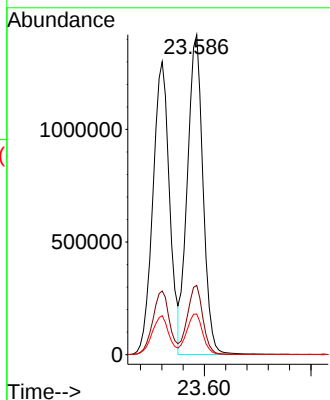
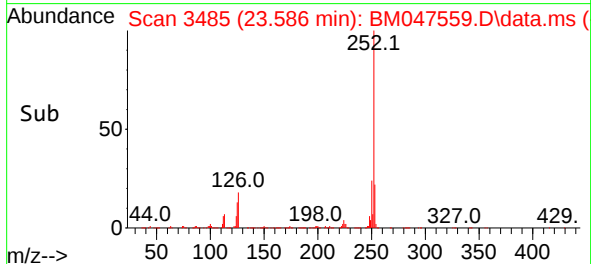
Instrument :
BNA_M
ClientSampleId :
COMP-2MS



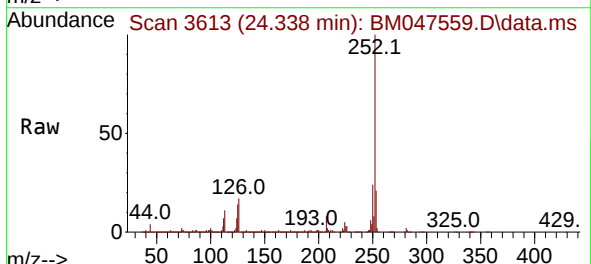
Tgt Ion:252 Resp: 2888775
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.7 9.5 14.3

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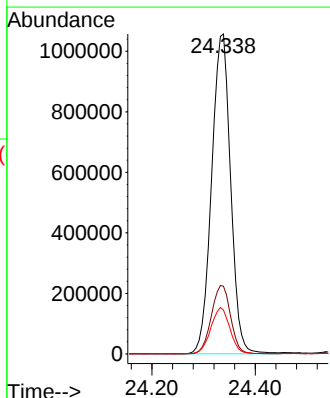
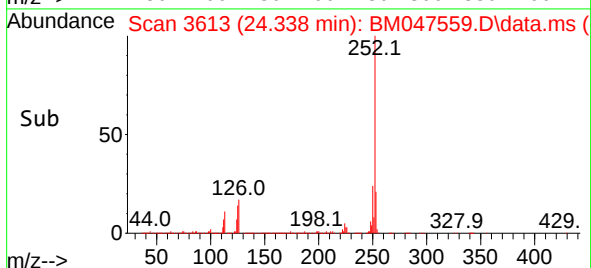
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

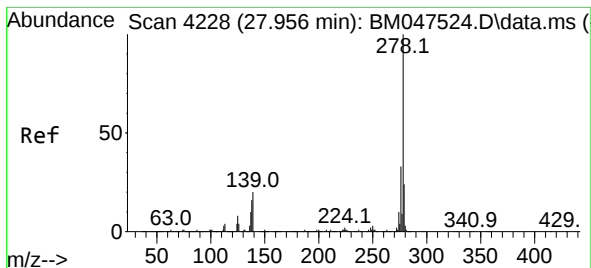


#90
Benzo(a)pyrene
Concen: 62.479 ng
RT: 24.338 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM047559.D
Acq: 18 Sep 2024 17:07



Tgt Ion:252 Resp: 2694425
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 13.7 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 72.704 ng

RT: 27.974 min Scan# 41

Delta R.T. 0.018 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

Instrument :

BNA_M

ClientSampleId :

COMP-2MS

Tgt Ion:278 Resp: 2976950

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

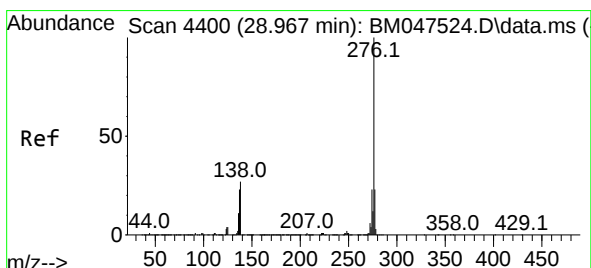
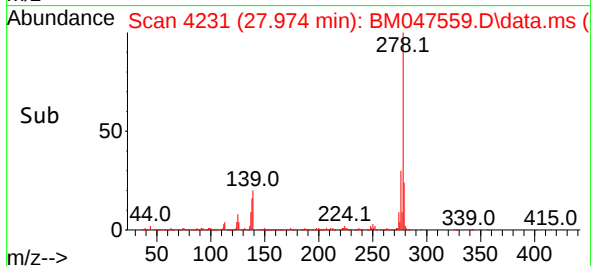
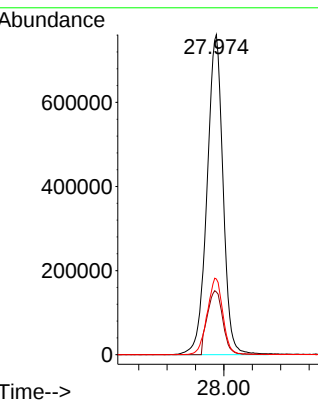
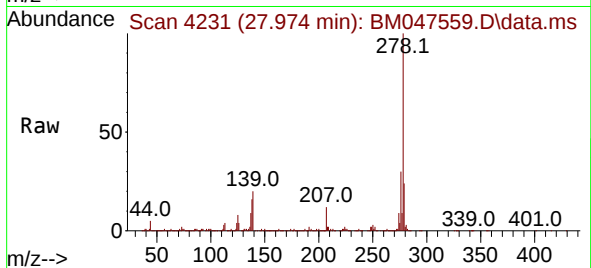
279 23.6 19.3 28.9

Manual Integrations

APPROVED

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#92

Benzo(g,h,i)perylene

Concen: 68.438 ng

RT: 28.973 min Scan# 4401

Delta R.T. 0.006 min

Lab File: BM047559.D

Acq: 18 Sep 2024 17:07

Tgt Ion:276 Resp: 2737343

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 27.7 21.5 32.3

